

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120720\
 Data File : VX019748.D
 Acq On : 07 Dec 2020 13:29
 Operator : JC/MD
 Sample : VX1207WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/8/2020 5:05:07 PM

Quant Time: Dec 08 06:04:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	304851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	483163	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	443822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	217563	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	181510	45.30	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	90.60%
35) Dibromofluoromethane	5.46	113	148954	47.70	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.40%
50) Toluene-d8	8.69	98	578862	48.56	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.12%
62) 4-Bromofluorobenzene	11.12	95	215746	47.55	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.10%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	54421	19.498	ug/l 99
3) Chloromethane	1.31	50	58262	17.750	ug/l 98
4) Vinyl Chloride	1.39	62	65256	18.855	ug/l 99
5) Bromomethane	1.62	94	39971	34.781	ug/l 99
6) Chloroethane	1.71	64	41538	19.979	ug/l 99
7) Trichlorofluoromethane	1.92	101	91508	18.985	ug/l 97
8) Diethyl Ether	2.17	74	37661	18.438	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	52383	18.960	ug/l 99
10) Methyl Iodide	2.49	142	66830	16.411	ug/l 100
11) Tert butyl alcohol	3.01	59	75602	90.112	ug/l 99
12) 1,1-Dichloroethene	2.36	96	53050	18.993	ug/l 99
13) Acrolein	2.27	56	42206	95.433	ug/l 98
14) Allyl chloride	2.70	41	85970	18.224	ug/l 99
15) Acrylonitrile	3.11	53	164109	90.603	ug/l 100
16) Acetone	2.42	43	134933	89.597	ug/l 99
17) Carbon Disulfide	2.55	76	140149	17.487	ug/l 100
18) Methyl Acetate	2.75	43	67154	18.222	ug/l 99
19) Methyl tert-butyl Ether	3.16	73	191774	18.853	ug/l 99
20) Methylene Chloride	2.83	84	65833	18.245	ug/l 98
21) trans-1,2-Dichloroethene	3.14	96	61098	18.763	ug/l 98
22) Diisopropyl ether	3.82	45	180821	18.959	ug/l 99
23) Vinyl Acetate	3.78	43	764883	94.132	ug/l 100
24) 1,1-Dichloroethane	3.67	63	107489	18.689	ug/l 99
25) 2-Butanone	4.62	43	207766	89.782	ug/l 100
26) 2,2-Dichloropropane	4.54	77	91769	18.528	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	71016	18.636	ug/l 99
28) Bromochloromethane	4.97	49	48489	17.685	ug/l 99
29) Tetrahydrofuran	5.08	42	132305	88.738	ug/l 99
30) Chloroform	5.17	83	112016	18.941	ug/l 99
31) Cyclohexane	5.54	56	94357	18.932	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	95765	18.804	ug/l 100
36) 1,1-Dichloropropene	5.76	75	82827	18.971	ug/l 99
37) Ethyl Acetate	4.78	43	80940	18.361	ug/l 100
38) Carbon Tetrachloride	5.74	117	82290	19.247	ug/l 99

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Manual Integrations
 APPROVED

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 12/8/2020 5:05:07 PM

Quant Time: Dec 08 06:04:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	99199	19.339	ug/l	99
40) Benzene	6.10	78	256940	19.265	ug/l	100
41) Methacrylonitrile	5.00	41	44067	18.207	ug/l	98
42) 1,2-Dichloroethane	6.15	62	88308	19.379	ug/l	100
43) Isopropyl Acetate	6.40	43	131594	18.361	ug/l	99
44) Trichloroethene	7.18	130	65492	18.716	ug/l	99
45) 1,2-Dichloropropane	7.48	63	63776	19.133	ug/l	100
46) Dibromomethane	7.63	93	43345	19.256	ug/l	100
47) Bromodichloromethane	7.87	83	85346	19.107	ug/l	98
48) Methyl methacrylate	7.74	41	65171	18.489	ug/l	100
49) 1,4-Dioxane	7.71	88	30984	362.870	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	405740	92.728	ug/l	100
52) Toluene	8.76	92	161063	19.309	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	93171	18.797	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	102568	19.047	ug/l	99
55) 1,1,2-Trichloroethane	9.19	97	65084	19.362	ug/l	98
56) Ethyl methacrylate	9.15	69	95012	18.682	ug/l	99
57) 1,3-Dichloropropane	9.35	76	109615	19.097	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	260975	96.863	ug/l	99
59) 2-Hexanone	9.47	43	307016	90.520	ug/l	100
60) Dibromochloromethane	9.56	129	66239	19.395	ug/l	99
61) 1,2-Dibromoethane	9.65	107	68025	19.057	ug/l	99
64) Tetrachloroethene	9.32	164	58426	19.630	ug/l	97
65) Chlorobenzene	10.12	112	170216	19.250	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	61786	19.414	ug/l	99
67) Ethyl Benzene	10.23	91	305047	19.436	ug/l	100
68) m/p-Xylenes	10.34	106	229661	38.832	ug/l	99
69) o-Xylene	10.68	106	110244	19.378	ug/l	100
70) Styrene	10.70	104	186012	19.371	ug/l	99
71) Bromoform	10.84	173	46941	18.749	ug/l #	100
73) Isopropylbenzene	11.00	105	297261	19.999	ug/l	99
74) N-amyl acetate	10.88	43	108532	18.221	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	101278	19.326	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	94468m	19.360	ug/l	
77) Bromobenzene	11.24	156	74277	19.527	ug/l	99
78) n-propylbenzene	11.34	91	339698	20.010	ug/l	100
79) 2-Chlorotoluene	11.40	91	204411	19.552	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	248681	19.824	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	31378	18.589	ug/l	97
82) 4-Chlorotoluene	11.49	91	238406	19.471	ug/l	99
83) tert-Butylbenzene	11.75	119	244564	19.878	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	254243	20.120	ug/l	100
85) sec-Butylbenzene	11.93	105	278749	19.844	ug/l	99
86) p-Isopropyltoluene	12.05	119	258226	20.059	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	133055	19.058	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	134392	18.900	ug/l	98
89) n-Butylbenzene	12.37	91	221134	19.388	ug/l	100
90) Hexachloroethane	12.58	117	42738	19.229	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	132767	19.508	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20544	18.236	ug/l	98

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ClientSampleId :
VX1207WBS01

Manual Integrations
APPROVED

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12/8/2020 5:05:07 PM

Quant Time: Dec 08 06:04:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	83358	18.816	ug/l	99
94) Hexachlorobutadiene	13.76	225	37034	18.703	ug/l	99
95) Naphthalene	13.82	128	272367	18.964	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	82898	19.147	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

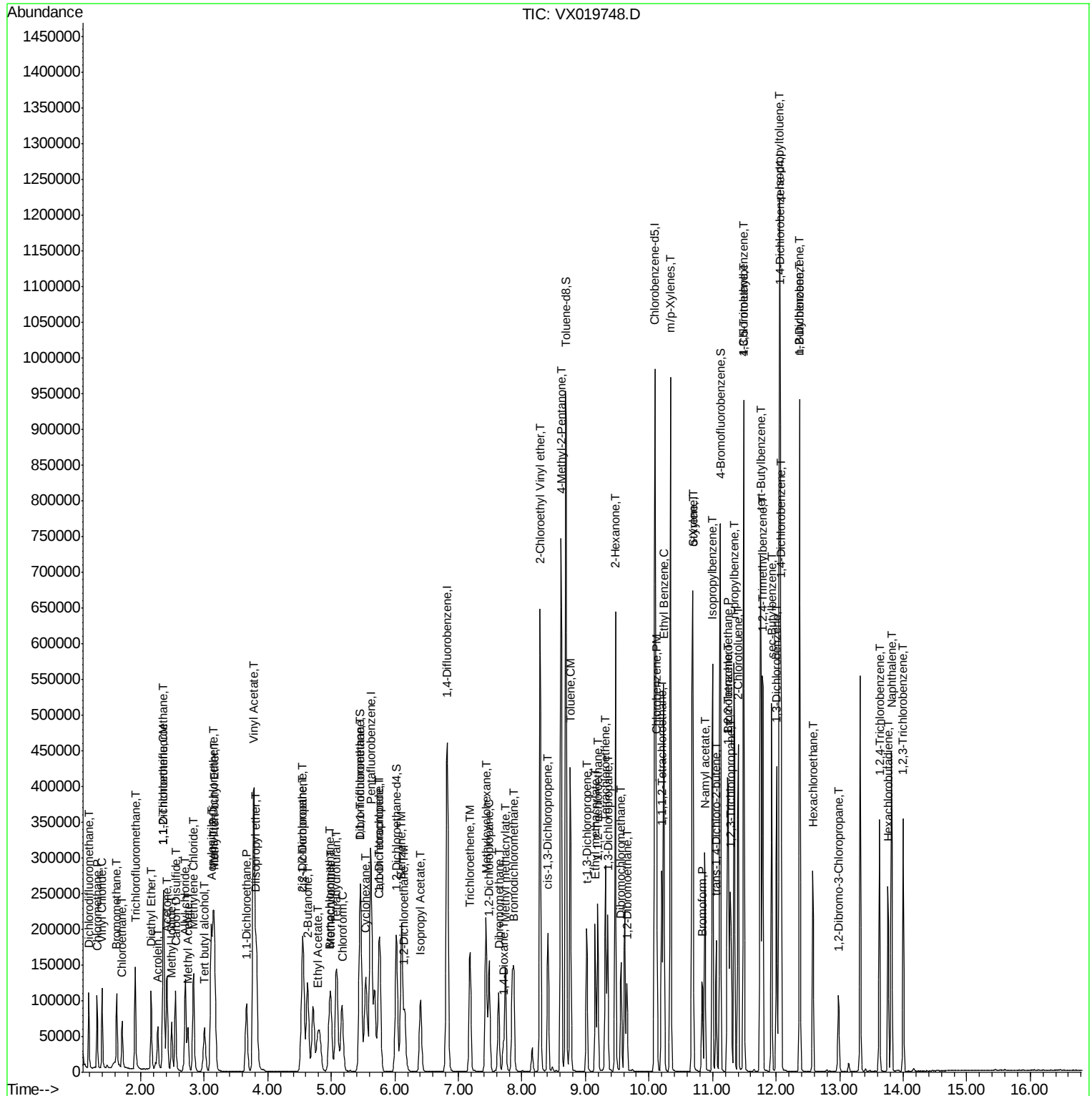
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Data File : VX019748.D
Acq On : 07 Dec 2020 13:29
Operator : JC/MD
Sample : VX1207WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

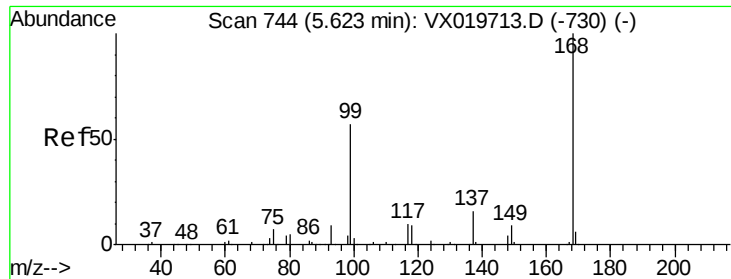
Instrument :
MSVOA_X
Client Sample ID :
VX1207WBS01

Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration





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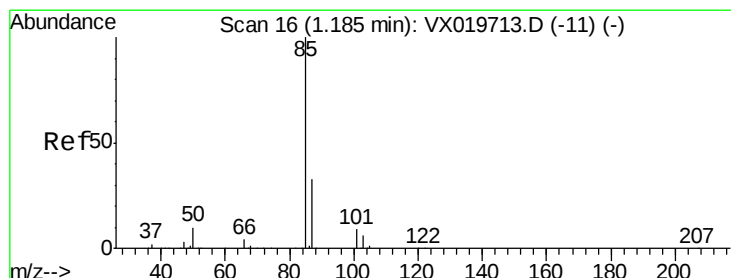
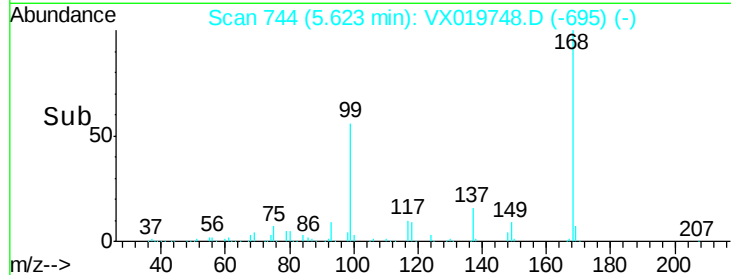
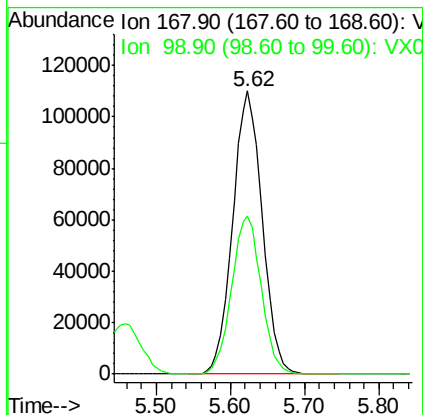
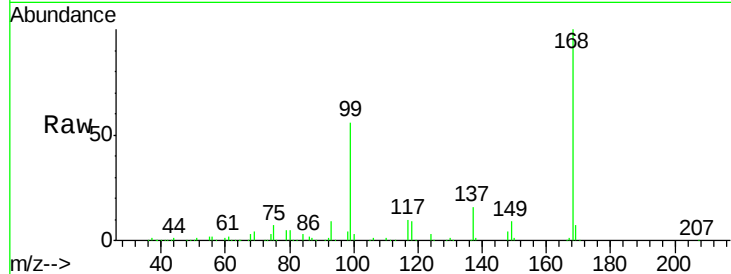
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: VX019748.D
 Acq: 07 Dec 2020 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	55.7	45.8	68.6

Manual Integrations
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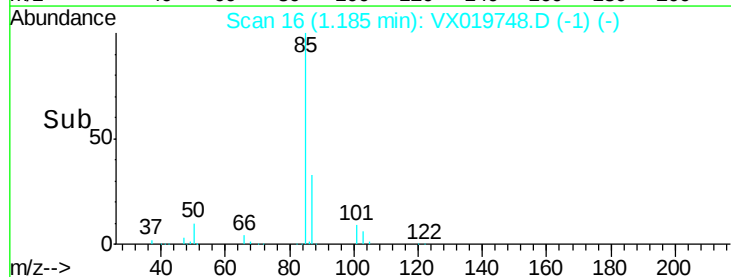
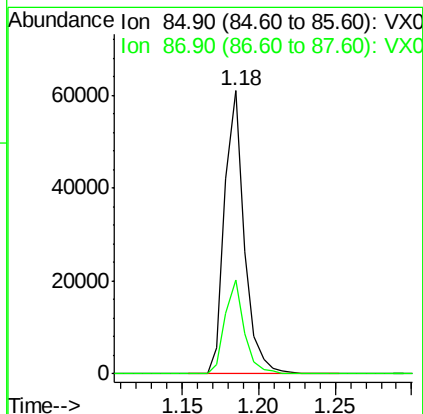
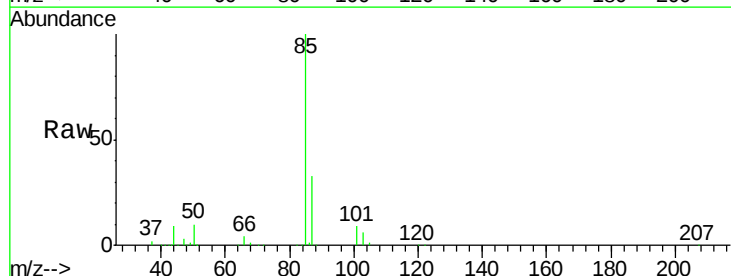
MMDadoda
 12/8/2020 5:05:07 PM

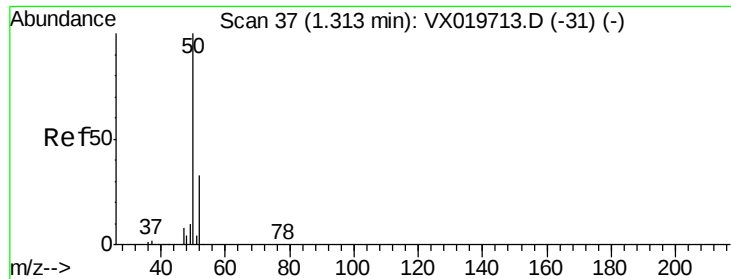


#2

Dichlorodifluoromethane
 Concen: 19.498 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VX019748.D
 Acq: 07 Dec 2020 13:29

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.1	16.4	49.2





#3

Chloromethane

Concen: 17.750 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019748.D

Acq: 07 Dec 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBS01

Tot Ion: 50 Resp: 58262

Ion Ratio Lower Upper

50 100

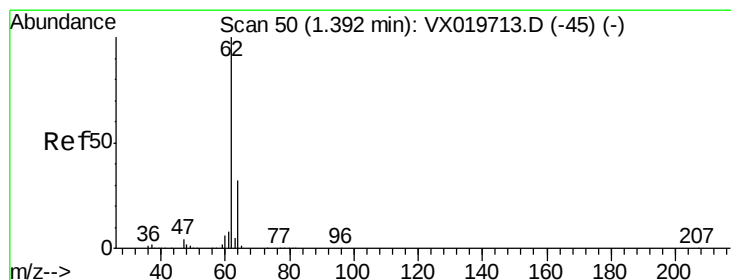
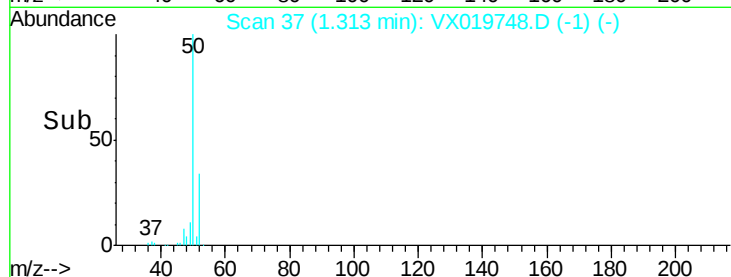
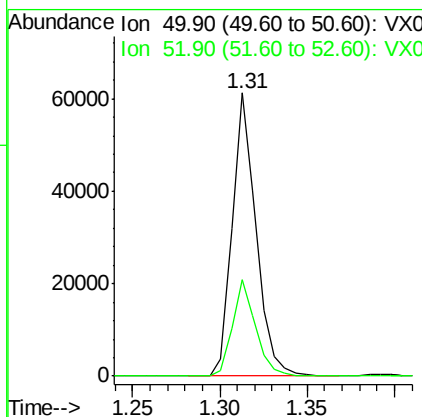
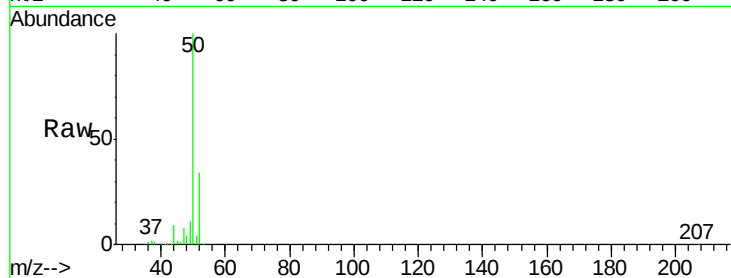
52 33.9 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.855 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019748.D

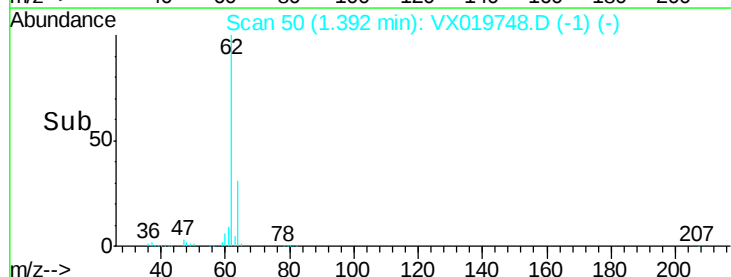
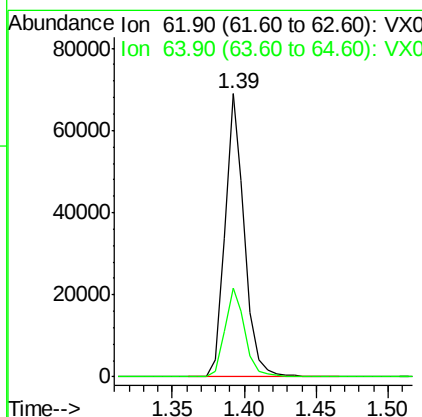
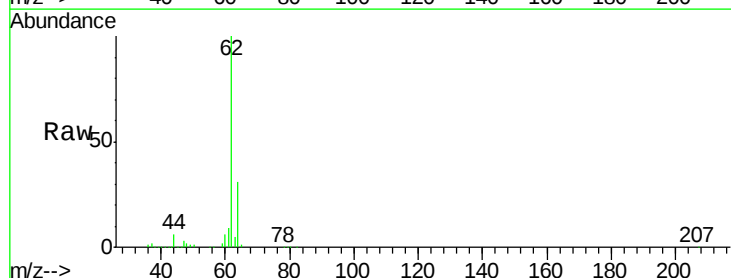
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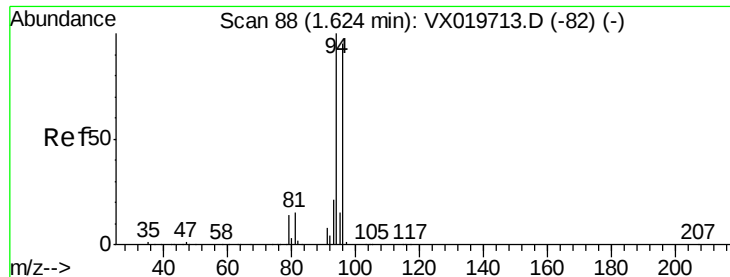
Tgt Ion: 62 Resp: 65256

Ion Ratio Lower Upper

62 100

64 31.4 25.7 38.5





#5

Bromomethane

Concen: 34.781 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019748.D

Acq: 07 Dec 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBS01

Tot Ion: 94 Resp: 39971

Ion Ratio Lower Upper

94 100

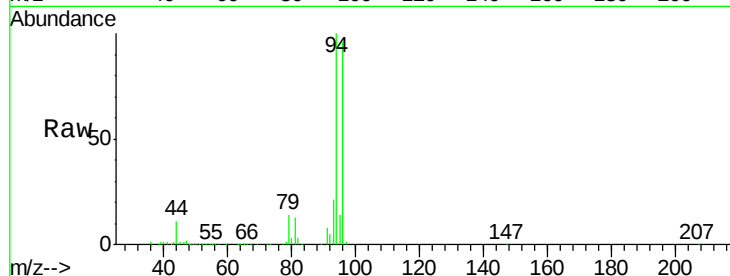
96 96.4 76.4 114.6

Manual Integrations

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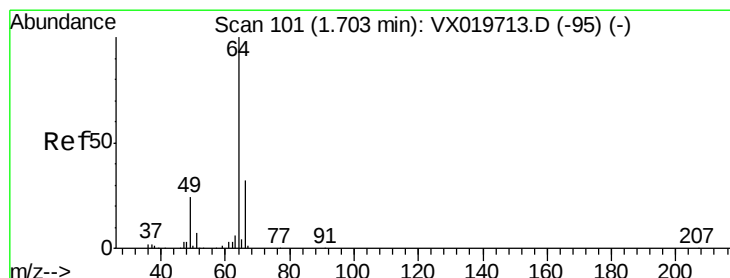
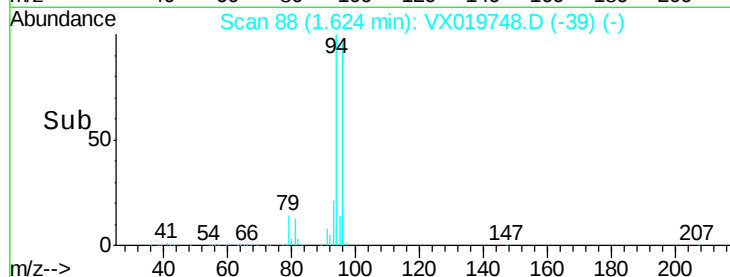
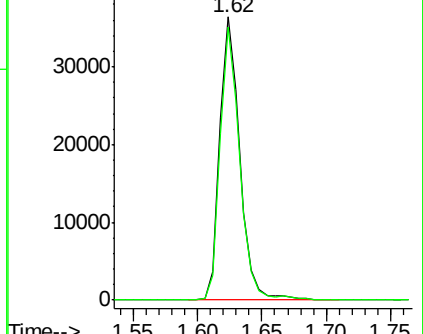
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.979 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX019748.D

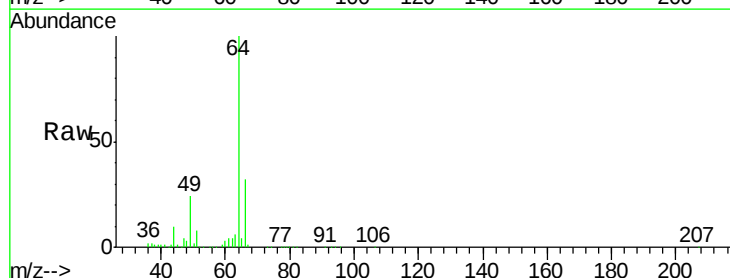
Acq: 07 Dec 2020 13:29

Tgt Ion: 64 Resp: 41538

Ion Ratio Lower Upper

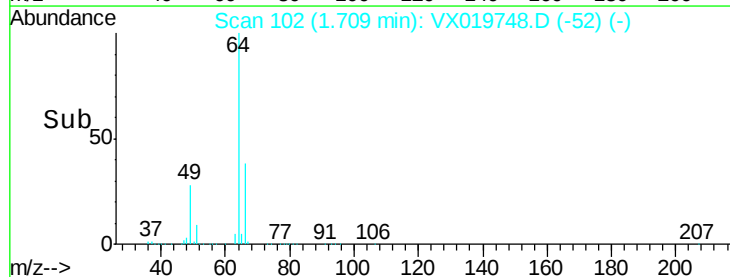
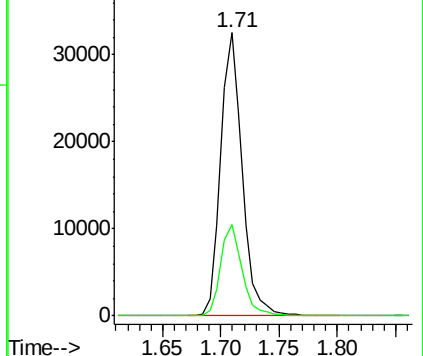
64 100

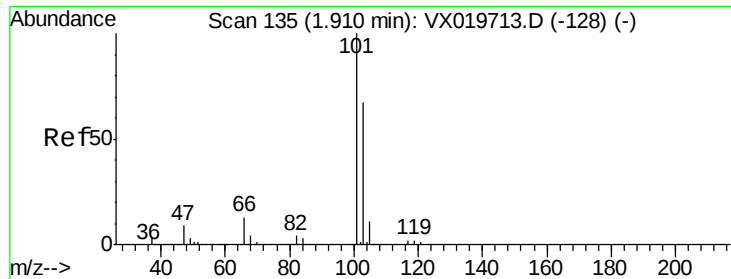
66 32.3 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

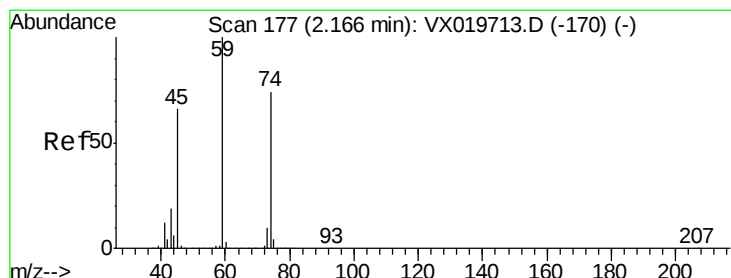
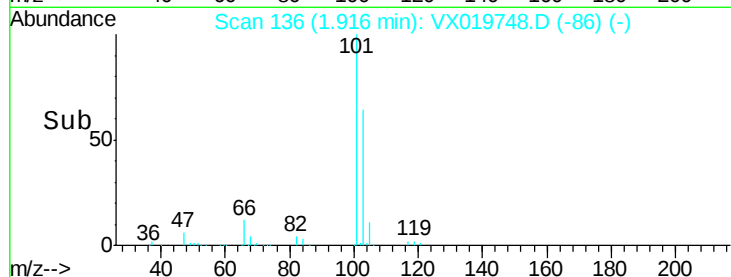
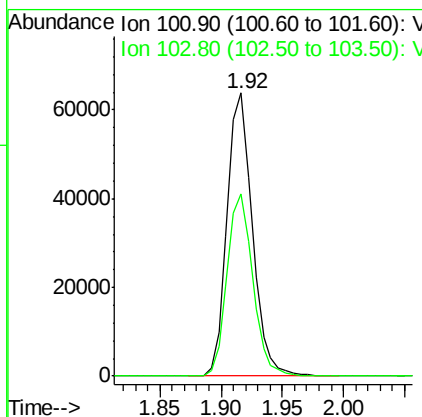
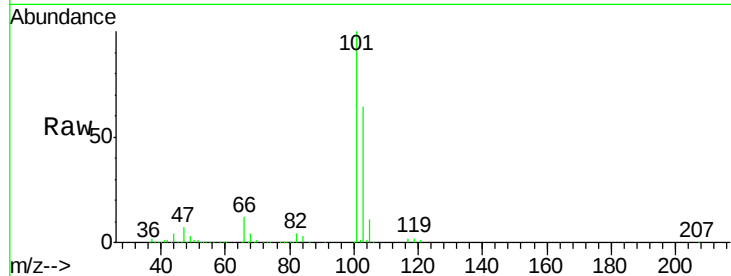
Trichlorofluoromethane
 Concen: 18.985 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX019748.D
 Acq: 07 Dec 2020 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	53.2	79.8

Manual Integrations
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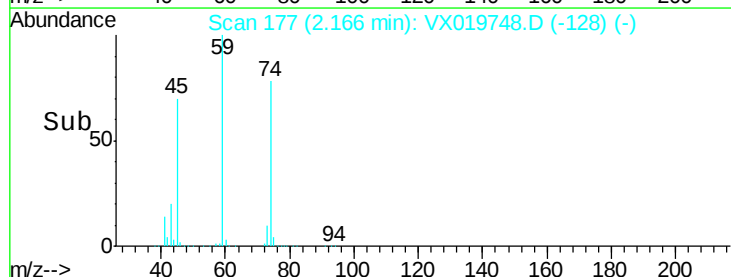
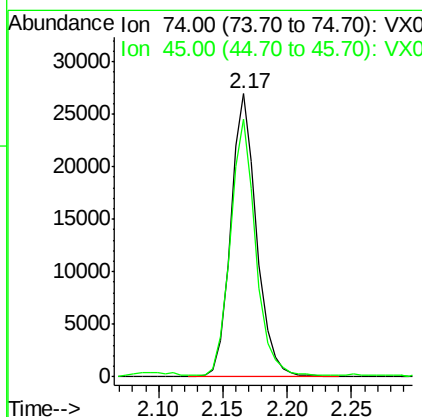
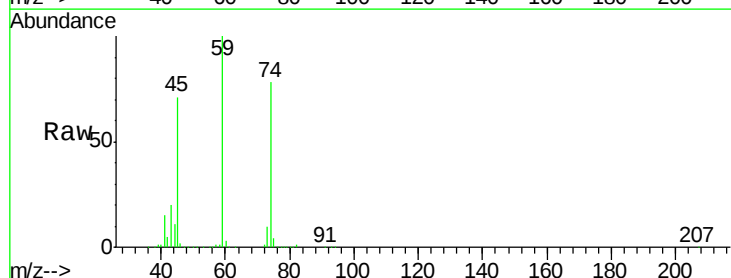
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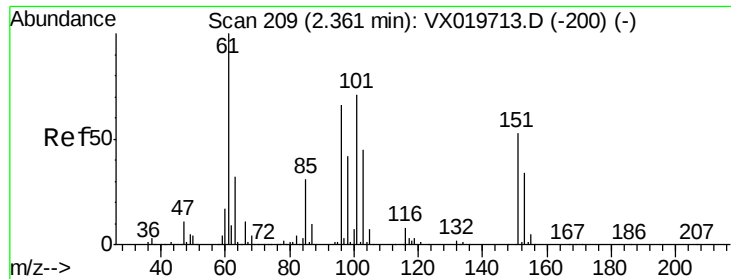


#8

Diethyl Ether
 Concen: 18.438 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX019748.D
 Acq: 07 Dec 2020 13:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.5	44.5	133.5





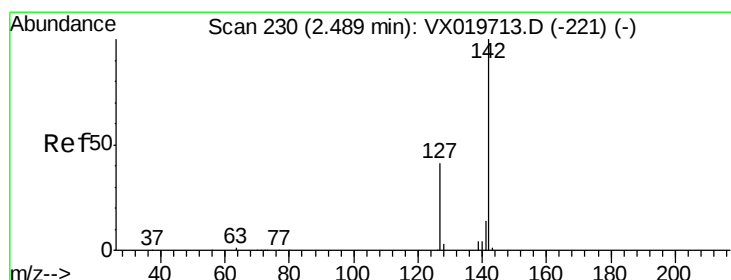
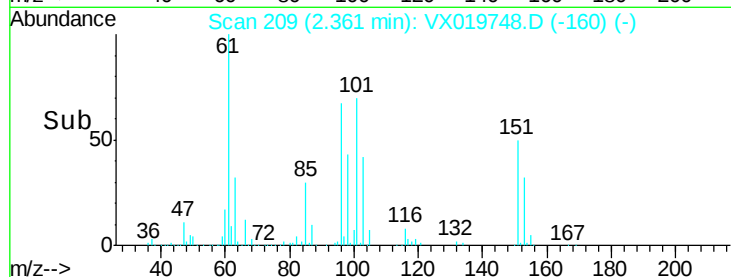
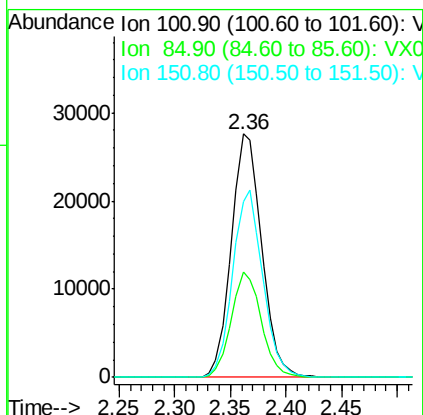
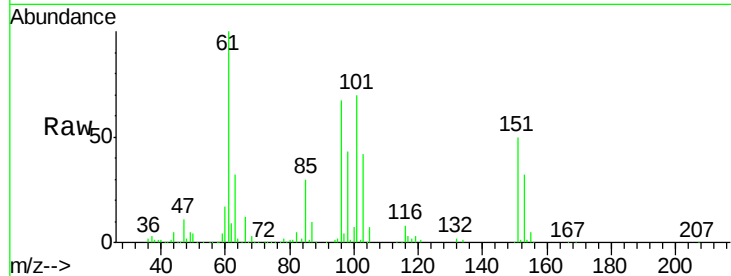
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.960 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.00 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	42.8	34.9	52.3
151	76.1	61.4	92.2

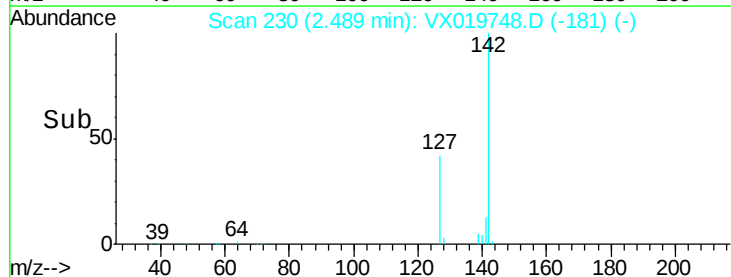
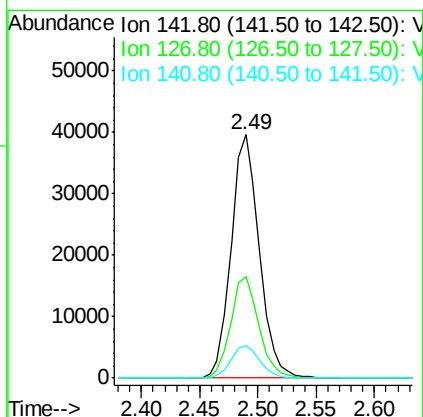
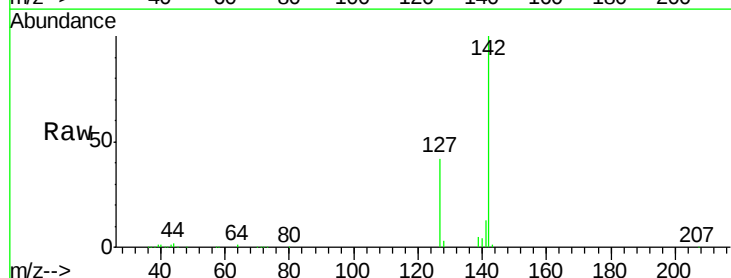
Manual Integrations
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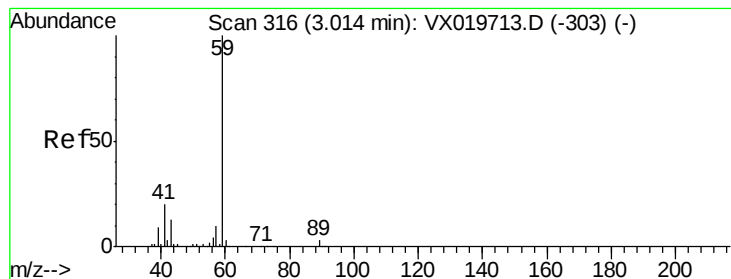
MMDadoda
12/8/2020 5:05:07 PM



#10
Methyl Iodide
Concen: 16.411 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.8	33.3	49.9
141	13.8	11.4	17.0





#11

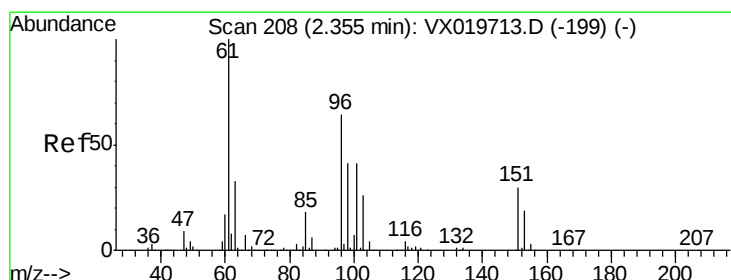
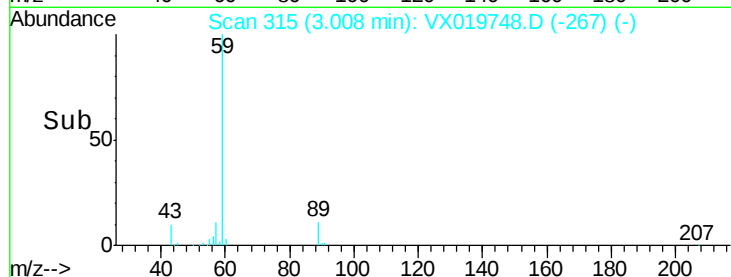
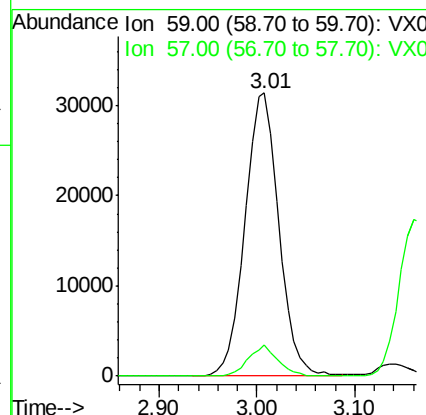
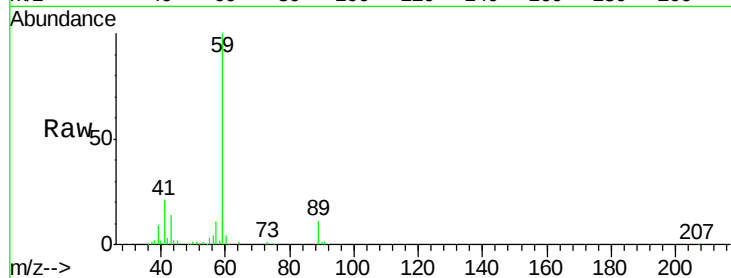
Tert butyl alcohol
Concen: 90.112 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	7.8	11.8

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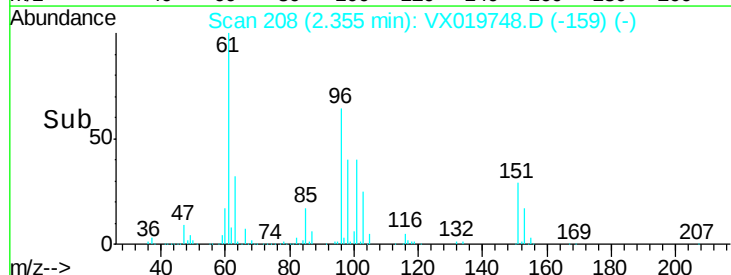
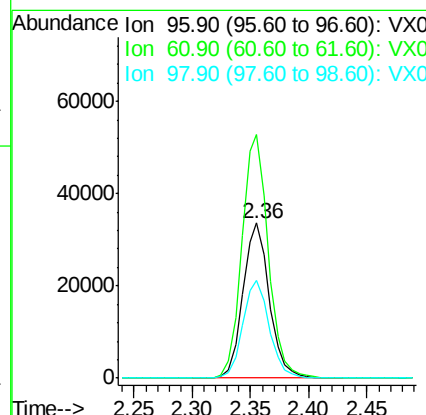
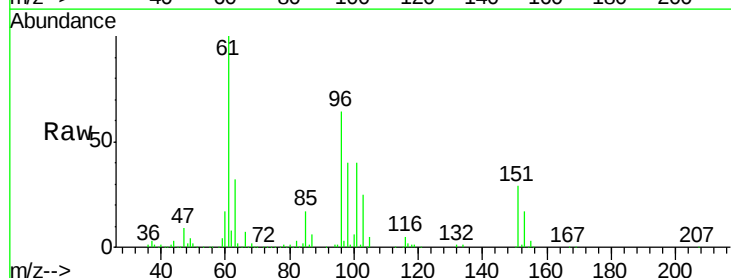
MMDadoda
12/8/2020 5:05:07 PM

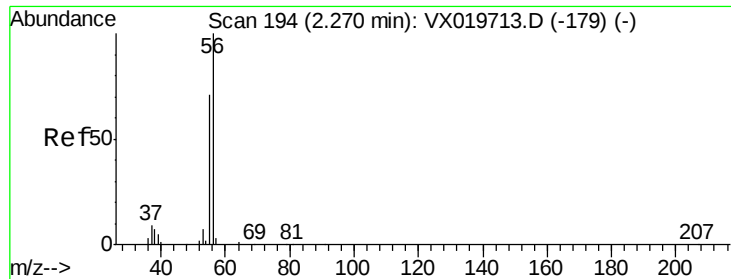


#12

1,1-Dichloroethene
Concen: 18.993 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.2	124.6	187.0
98	63.2	50.6	76.0





#13

Acrolein

Concen: 95.433 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019748.D

Acq: 07 Dec 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBS01

Tot Ion: 56 Resp: 42206

Ion Ratio Lower Upper

56 100

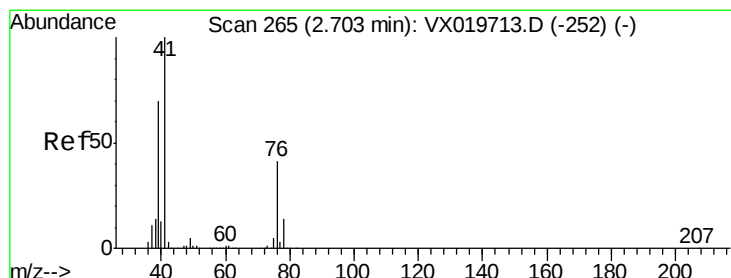
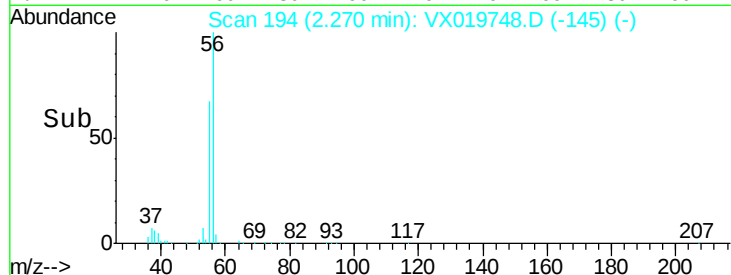
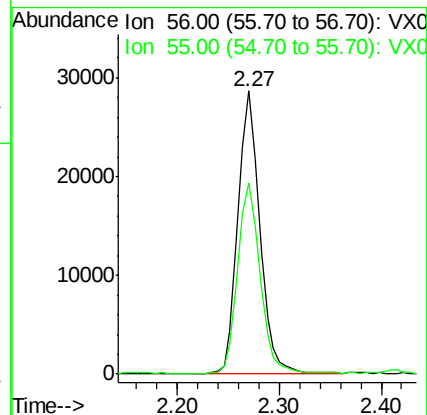
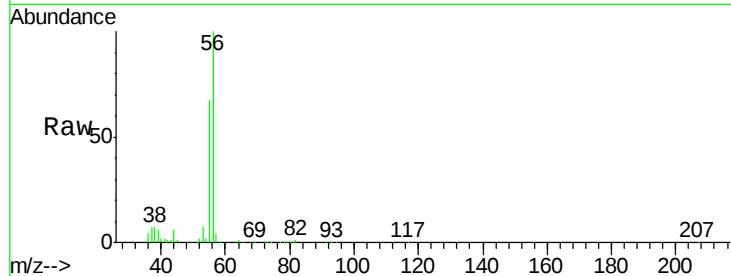
55 69.0 56.4 84.6

Manual Integrations

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#14

Allyl chloride

Concen: 18.224 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX019748.D

Acq: 07 Dec 2020 13:29

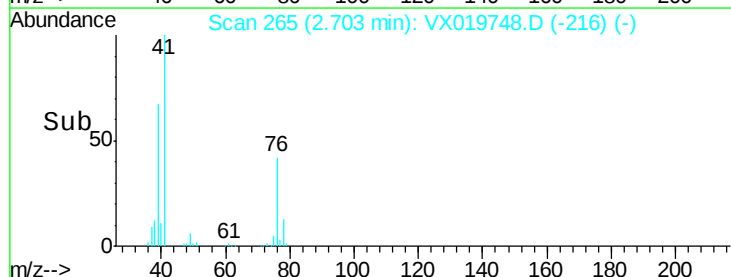
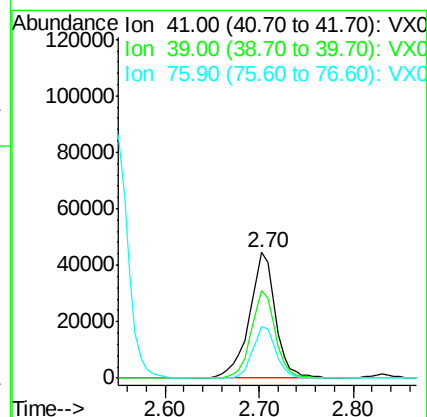
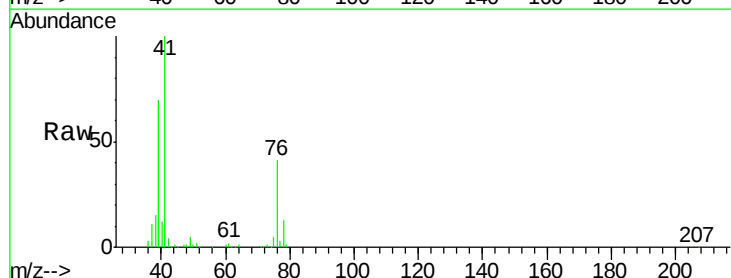
Tgt Ion: 41 Resp: 85970

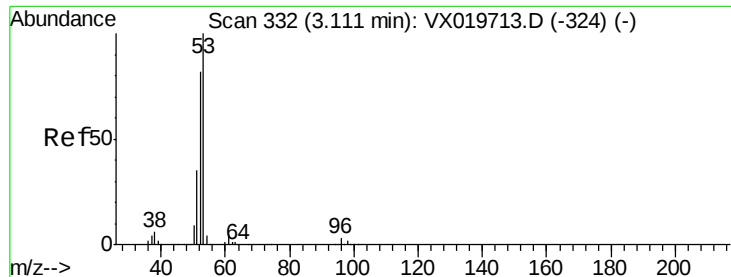
Ion Ratio Lower Upper

41 100

39 64.8 51.6 77.4

76 37.3 30.5 45.7





#15

Acrylonitrile

Concen: 90.603 ug/l

RT: 3.11 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX019748.D

Acq: 07 Dec 2020 13:29

Instrument :

MSVOA_X

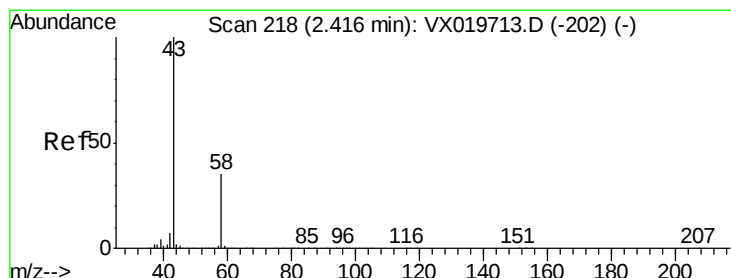
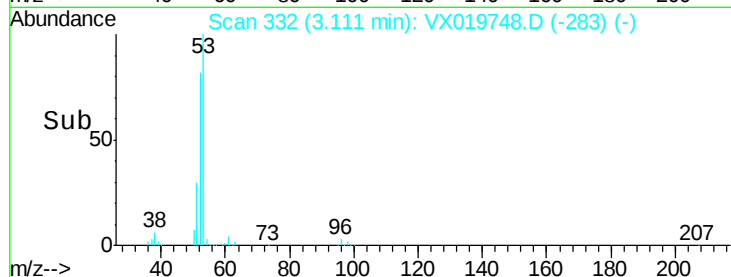
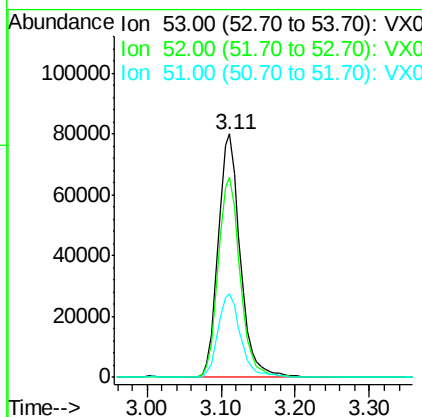
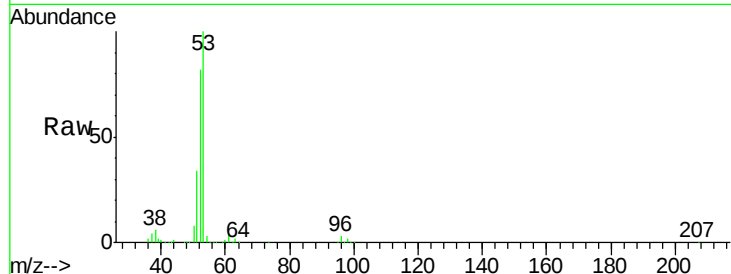
ClientSampleId :

VX1207WBS01

Tot Ion:	53	Resp:	164109
Ion Ratio	Lower	Upper	
53	100		
52	82.0	65.3	97.9
51	35.6	28.2	42.2

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#16

Acetone

Concen: 89.597 ug/l

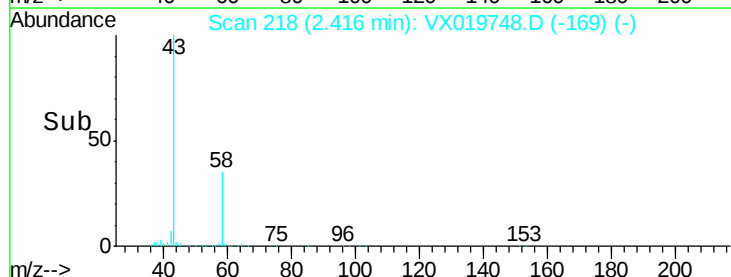
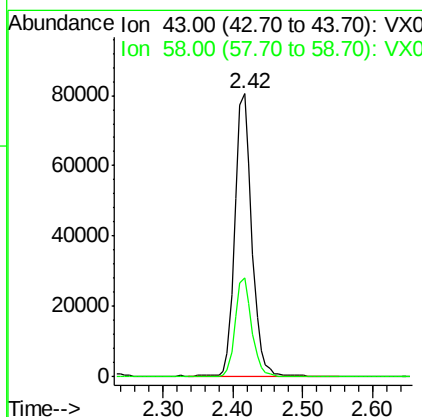
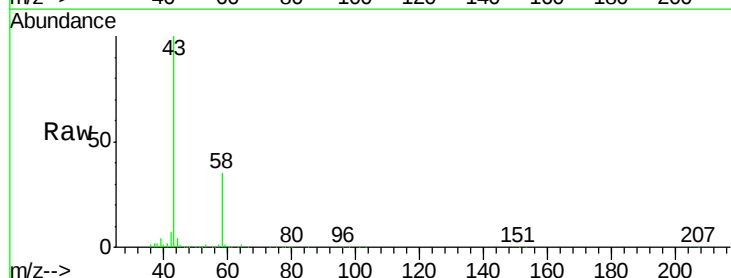
RT: 2.42 min Scan# 218

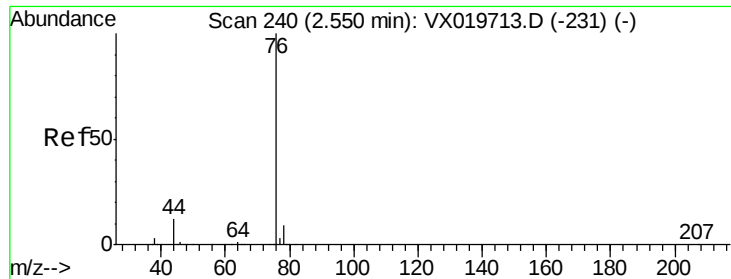
Delta R.T. 0.00 min

Lab File: VX019748.D

Acq: 07 Dec 2020 13:29

Tgt Ion:	43	Resp:	134933
Ion Ratio	Lower	Upper	
43	100		
58	35.2	27.8	41.8





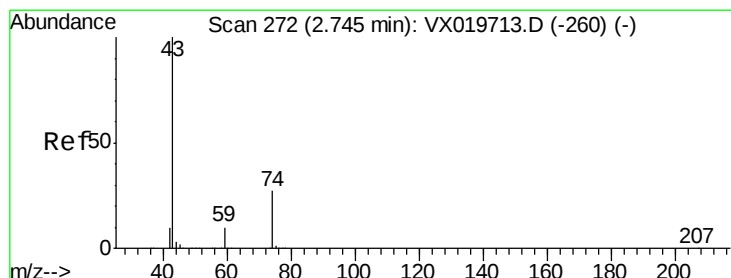
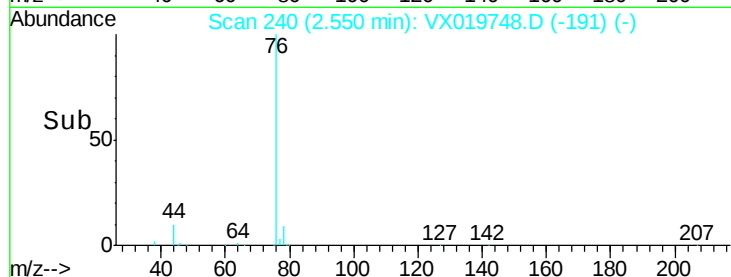
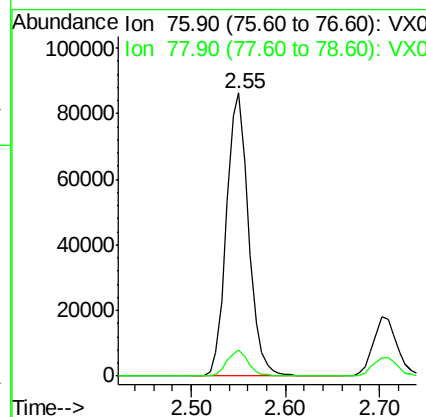
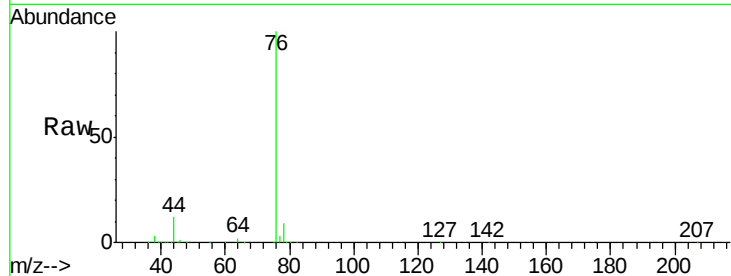
#17
Carbon Disulfide
Concen: 17.487 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

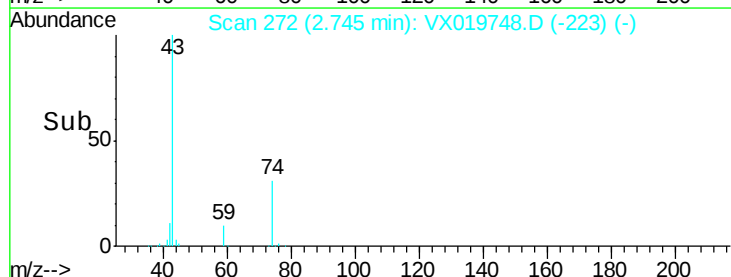
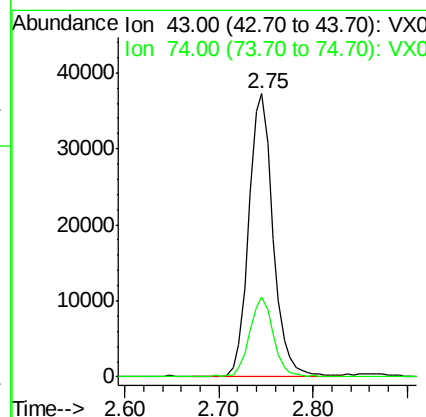
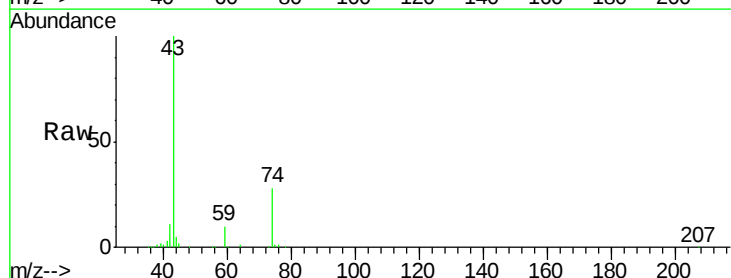
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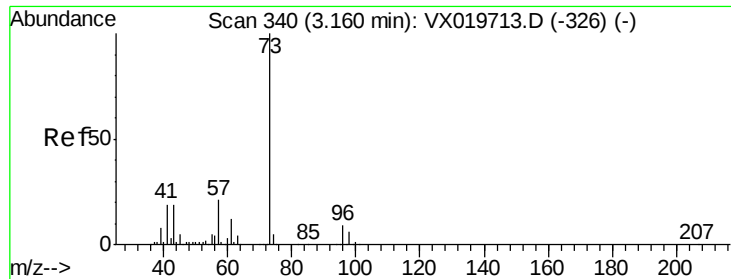
MMDadoda
12/8/2020 5:05:07 PM



#18
Methyl Acetate
Concen: 18.222 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.8	21.9	32.9





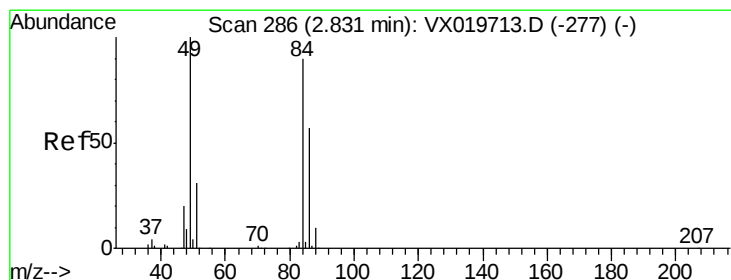
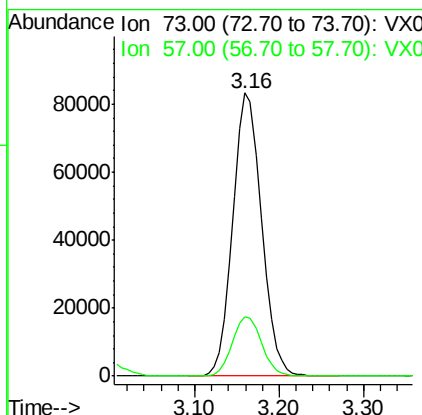
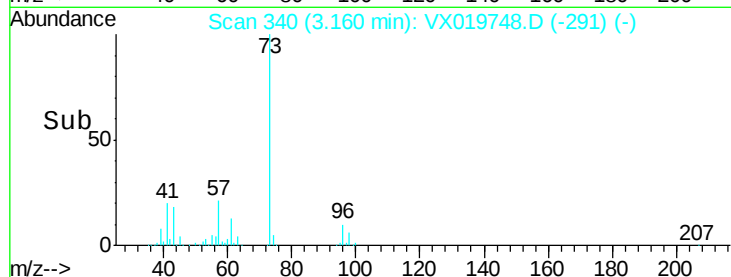
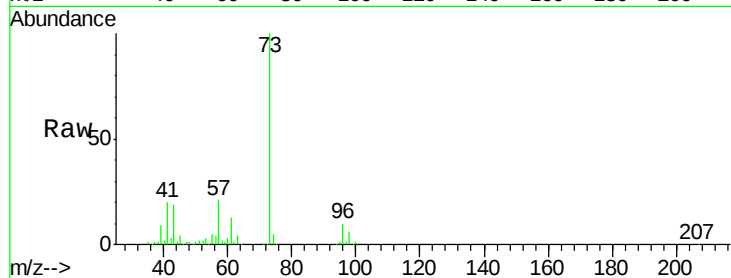
#19
Methvl tert-butvl Ether
Concen: 18.853 ug/l
RT: 3.16 min Scan# 340
Delta R.T. 0.00 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	73	Resp	191774
Ion Ratio	100	Lower	Upper
73	100	17.1	25.7
57	20.9		

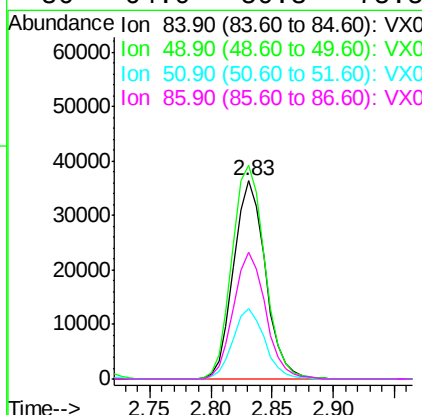
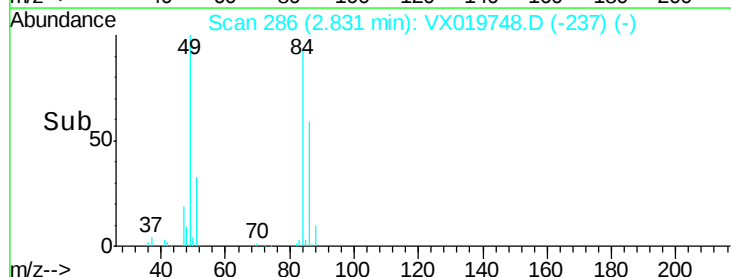
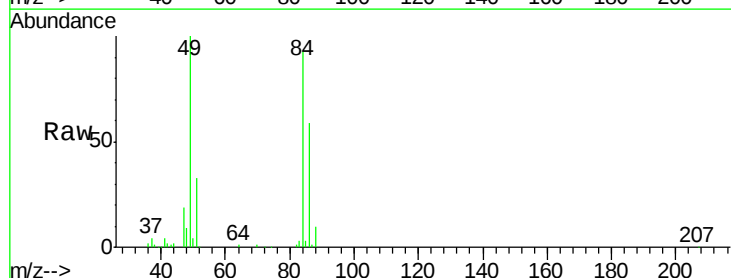
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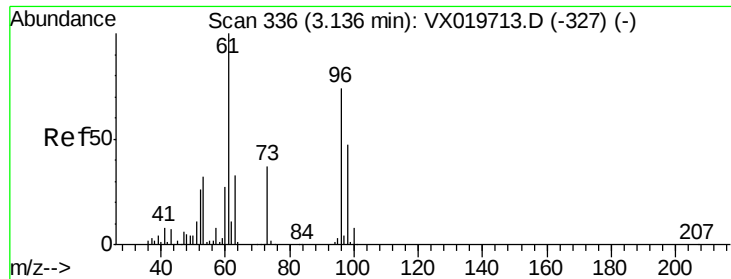
MMDadoda
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#20
Methylene Chloride
Concen: 18.245 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Tgt Ion	84	Resp	65833
Ion Ratio	100	Lower	Upper
84	100	88.6	132.8
49	107.8	27.0	40.6
51	35.7		
86	64.0	50.3	75.5





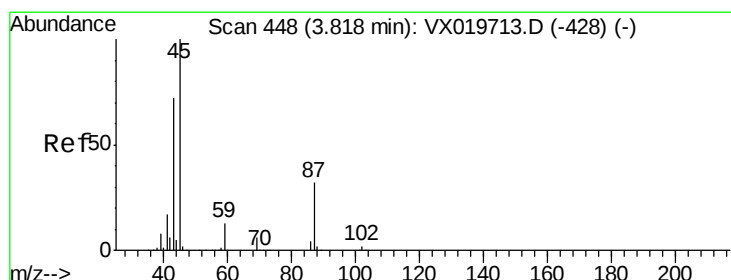
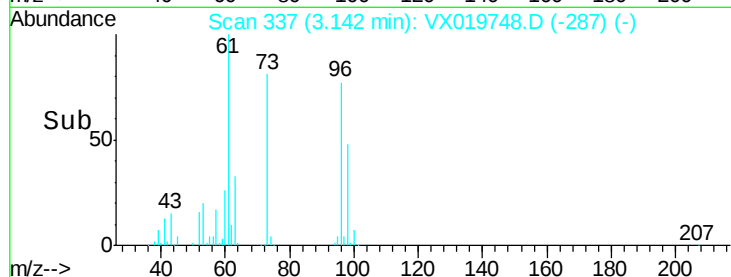
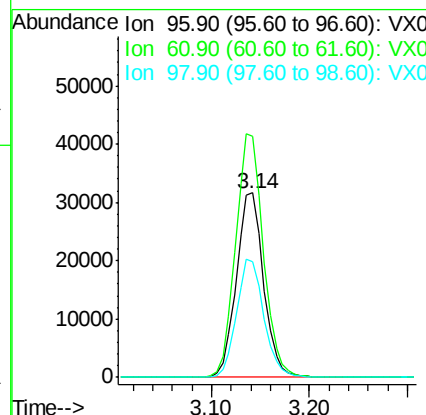
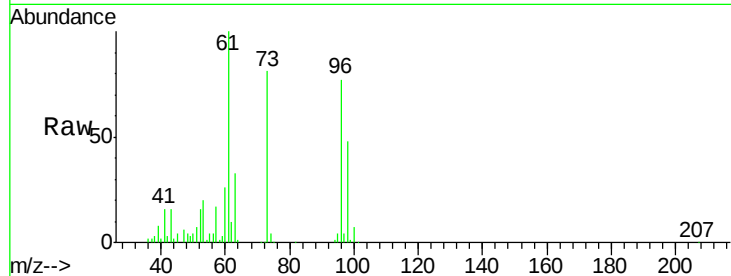
#21
trans-1,2-Dichloroethene
Concen: 18.763 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.7	107.7	161.5
98	63.0	50.4	75.6

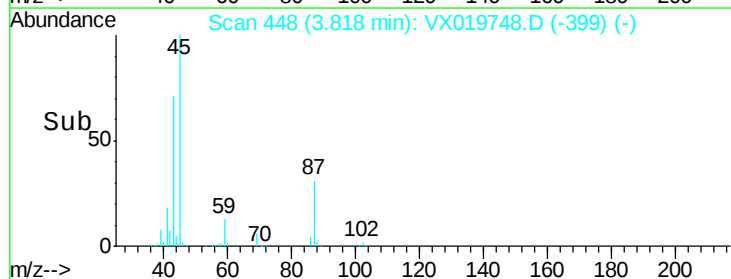
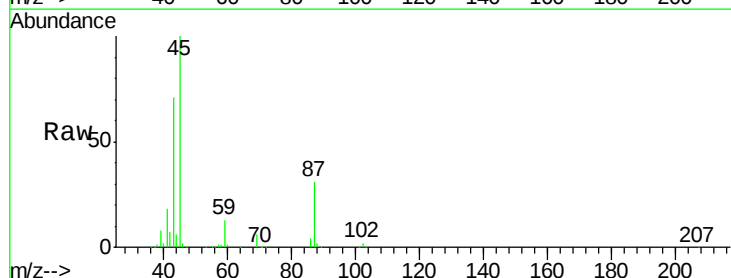
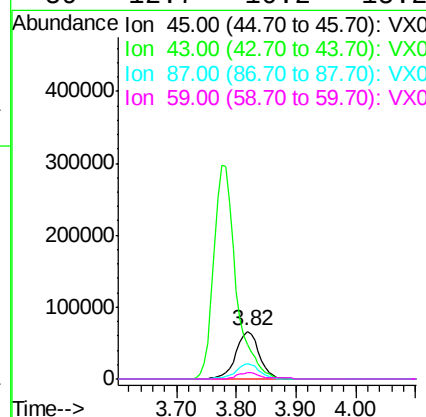
Manual Integrations
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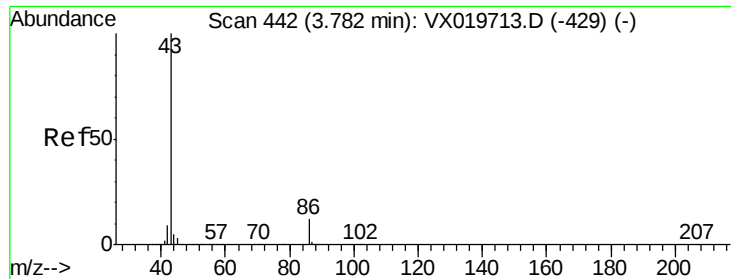
MMDadoda
12/8/2020 5:05:07 PM



#22
Diisopropyl ether
Concen: 18.959 ug/l
RT: 3.82 min Scan# 448
Delta R.T. 0.00 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Tgt Ion	Ratio	Lower	Upper
45	100		
43	70.7	58.0	87.0
87	31.4	25.4	38.0
59	12.7	10.2	15.2





#23

Vinyl Acetate

Concen: 94.132 ug/l

RT: 3.78 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX019748.D

Acq: 07 Dec 2020 13:29

Instrument :

MSVOA_X

ClientSampled :

VX1207WBS01

Tot Ion: 43 Resp: 764883

Ion Ratio Lower Upper

43 100

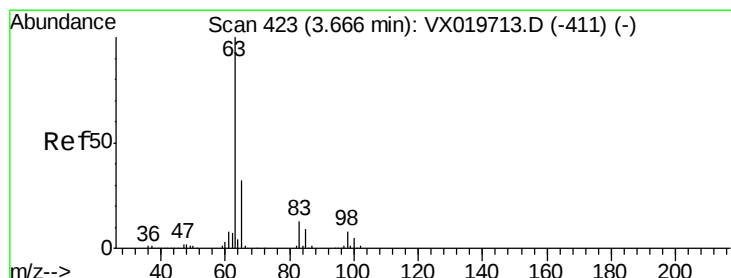
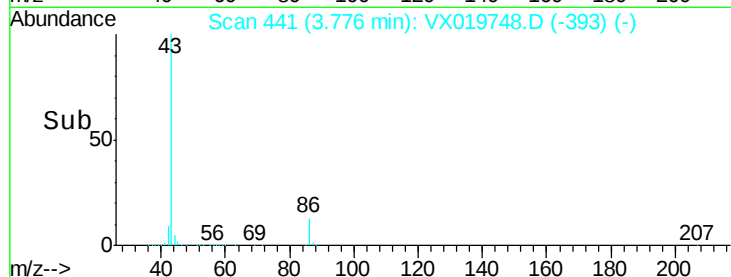
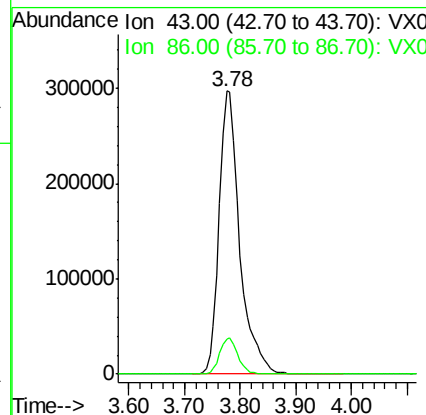
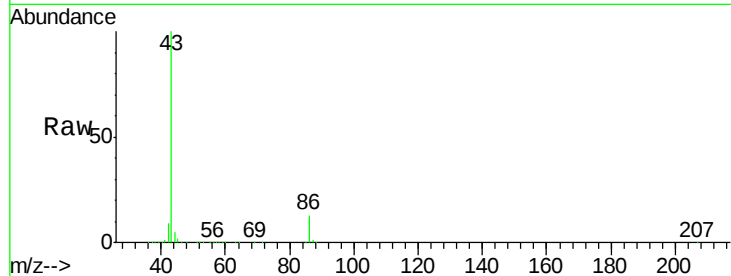
86 12.5 9.9 14.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.689 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019748.D

Acq: 07 Dec 2020 13:29

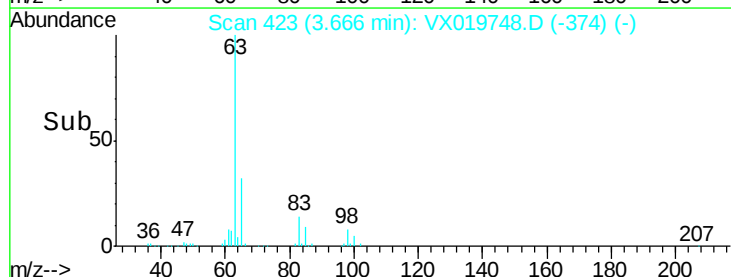
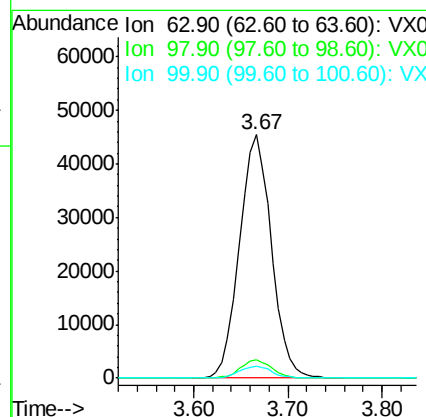
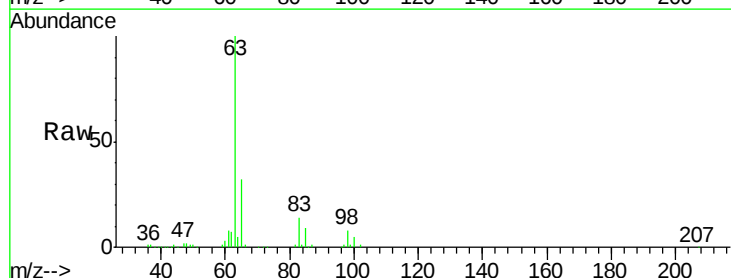
Tgt Ion: 63 Resp: 107489

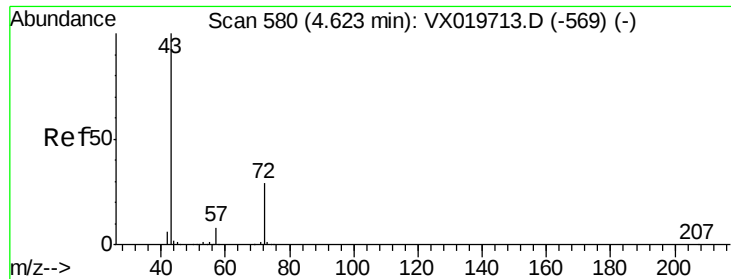
Ion Ratio Lower Upper

63 100

98 7.8 3.8 11.2

100 5.1 2.5 7.5





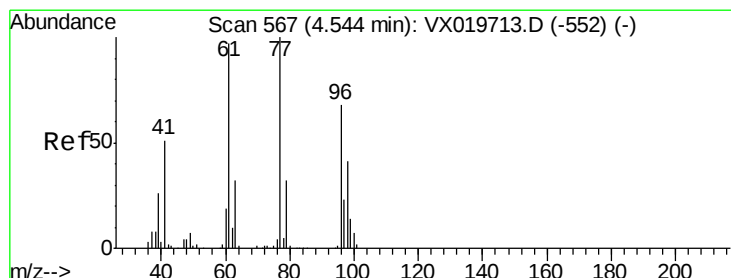
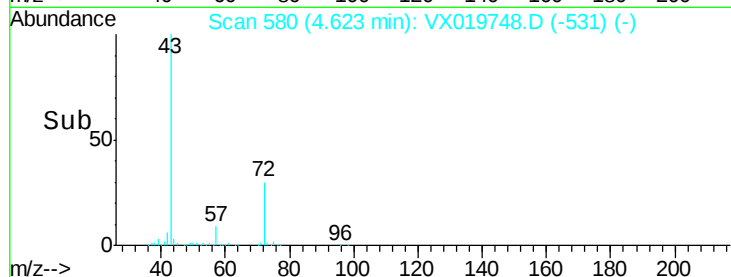
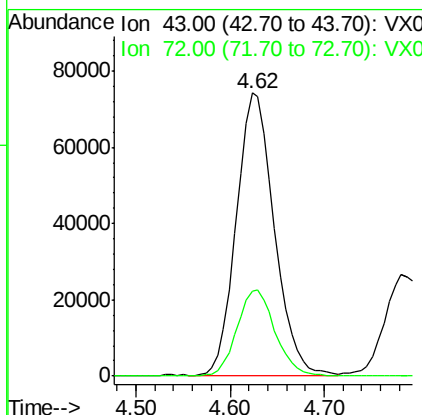
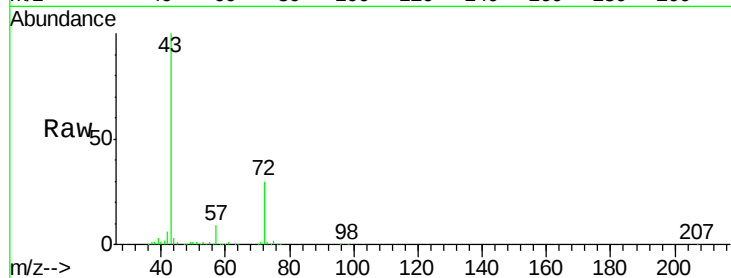
#25
2-Butanone
Concen: 89.782 ug/l
RT: 4.62 min Scan# 580
Delta R.T. 0.00 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion: 43 Resp: 207766
Ion Ratio Lower Upper
43 100
72 29.7 23.7 35.5

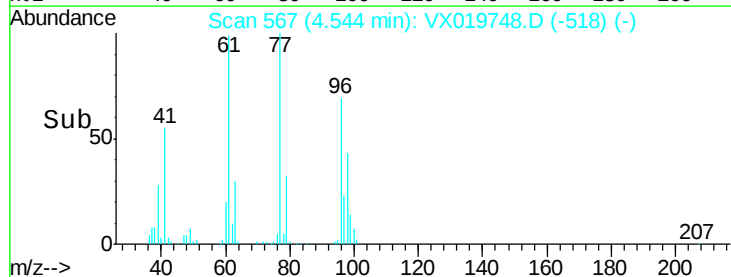
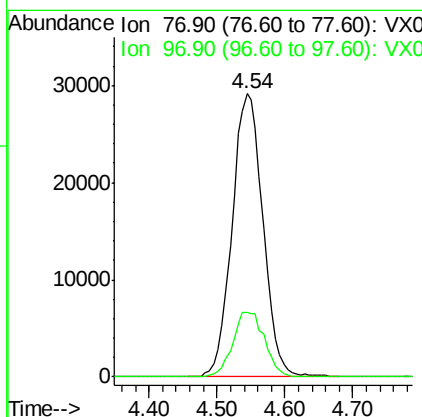
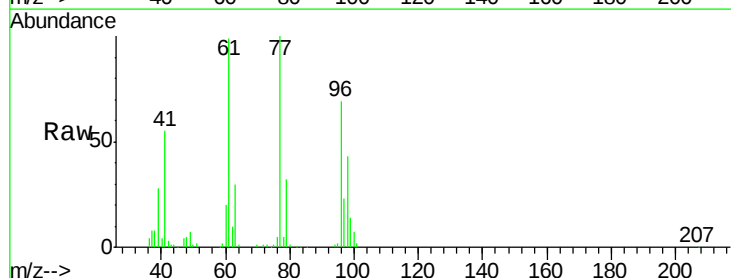
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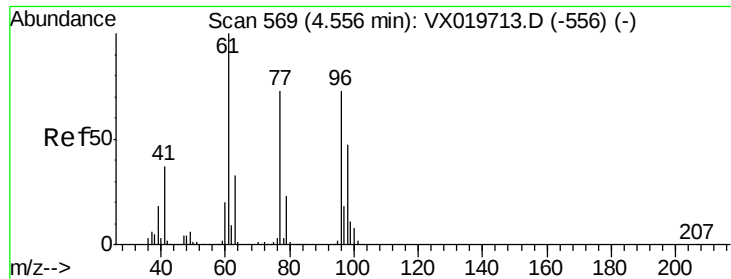
MMDadoda
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#26
2,2-Dichloropropane
Concen: 18.528 ug/l
RT: 4.54 min Scan# 567
Delta R.T. 0.00 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Tgt Ion: 77 Resp: 91769
Ion Ratio Lower Upper
77 100
97 23.5 11.7 35.1





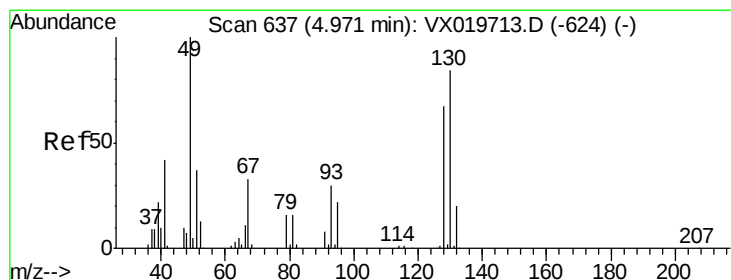
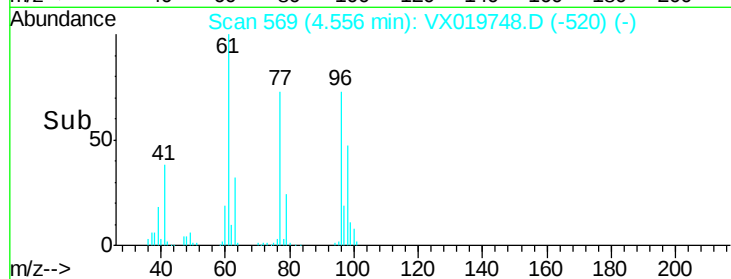
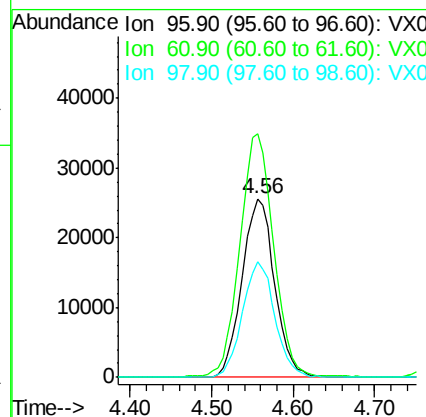
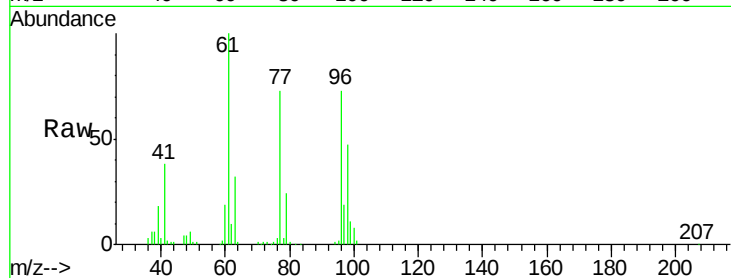
#27
 cis-1,2-Dichloroethene
 Concen: 18.636 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: VX019748.D
 Acq: 07 Dec 2020 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	71016		
61	142.1	0.0	285.6	
98	64.4	0.0	129.6	

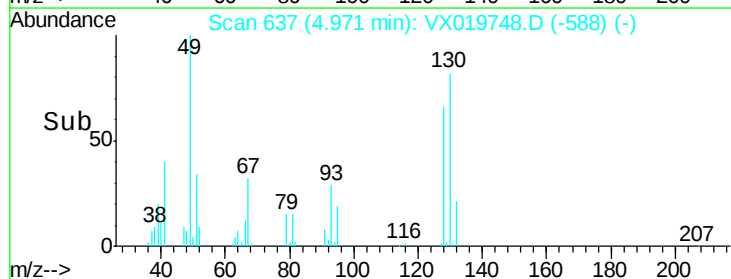
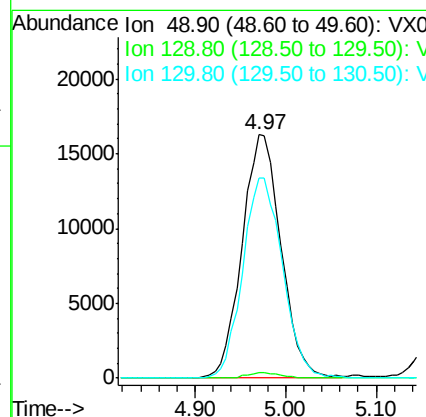
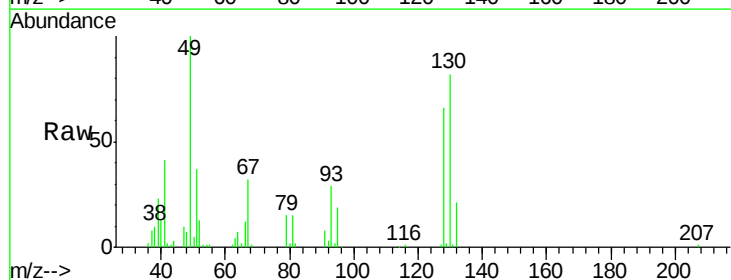
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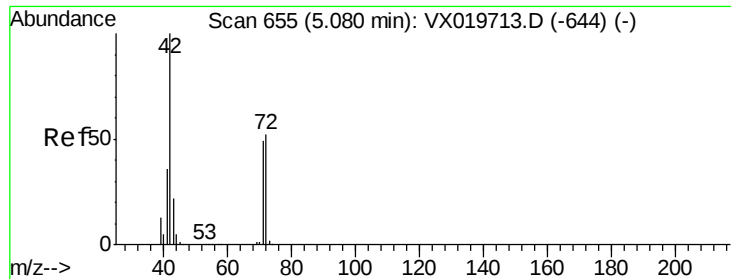
MMDadoda
 12/8/2020 5:05:07 PM



#28
 Bromochloromethane
 Concen: 17.685 ug/l
 RT: 4.97 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VX019748.D
 Acq: 07 Dec 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	48489		
129	1.9	0.0	4.0	
130	83.8	68.2	102.2	





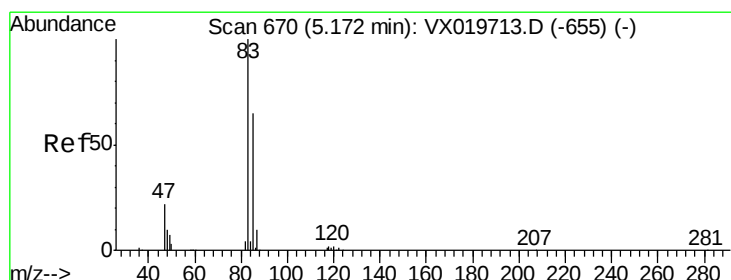
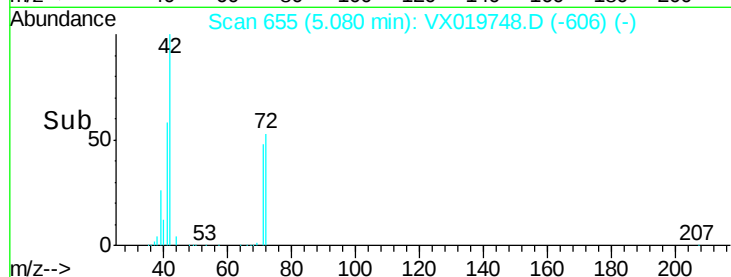
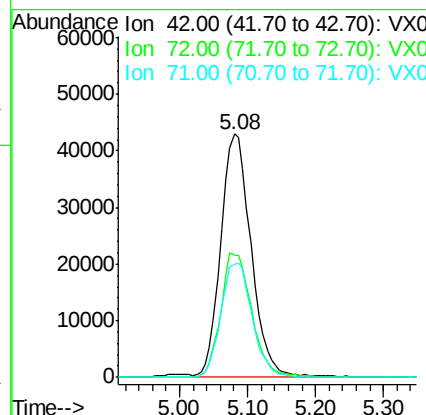
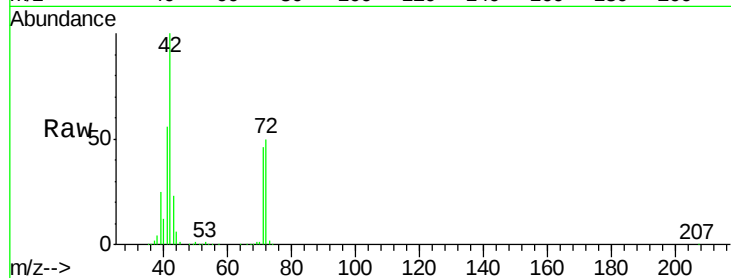
#29
Tetrahydrofuran
Concen: 88.738 ug/l
RT: 5.08 min Scan# 655
Delta R.T. 0.00 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.6	41.7	62.5
71	48.6	38.4	57.6

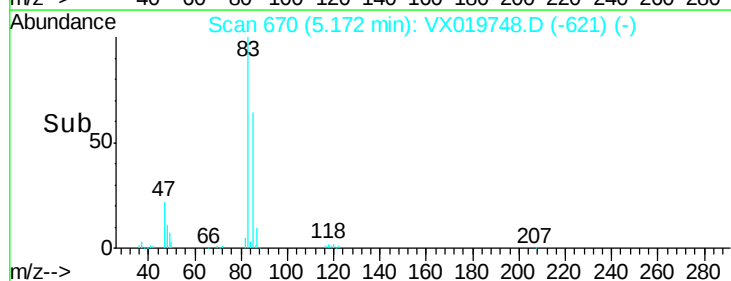
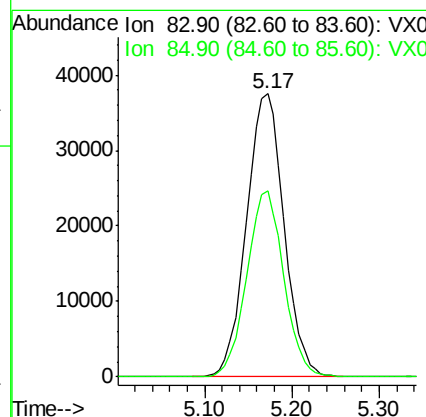
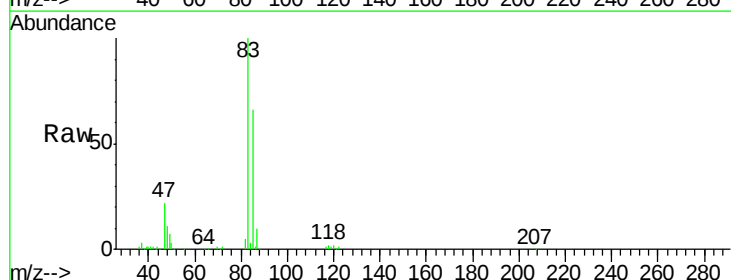
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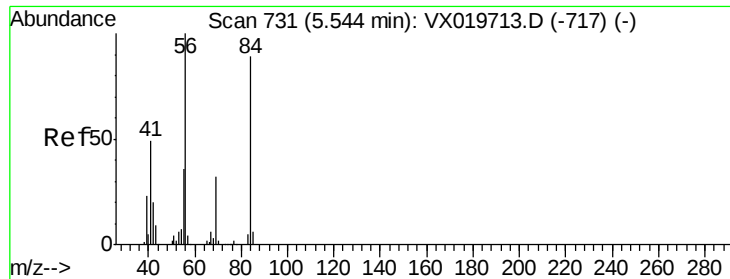
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#30
Chloroform
Concen: 18.941 ug/l
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.0	78.0





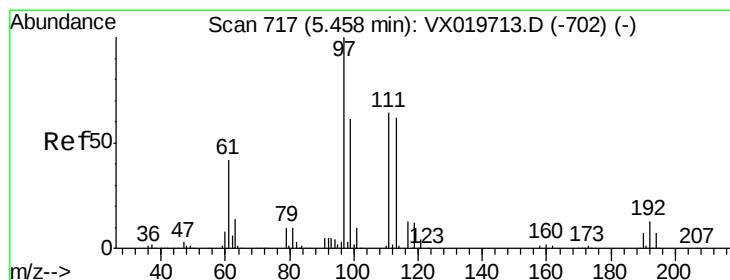
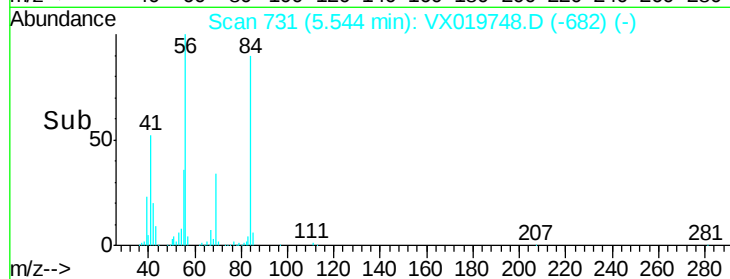
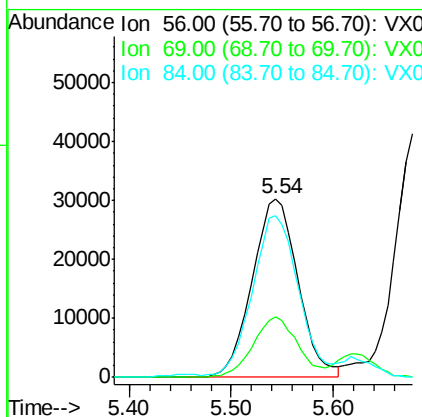
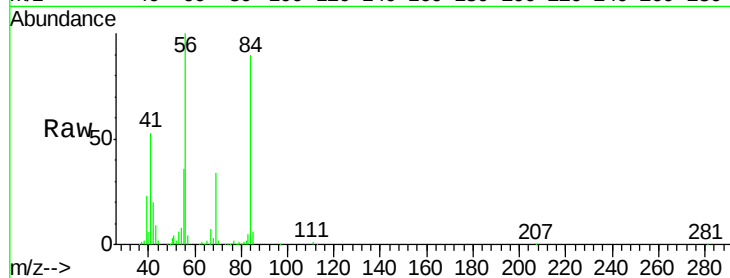
#31
Cyclohexane
Concen: 18.932 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.00 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.7	25.3	37.9
84	88.6	71.4	107.0

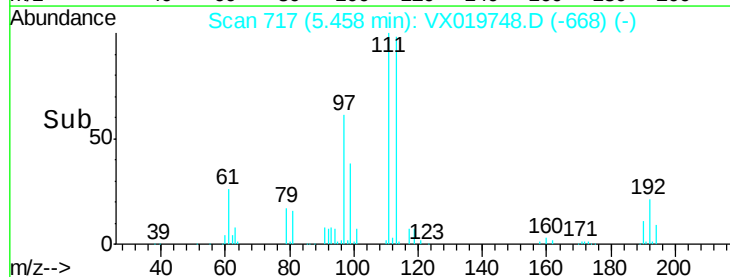
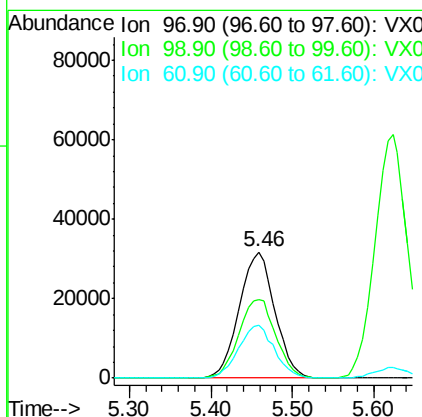
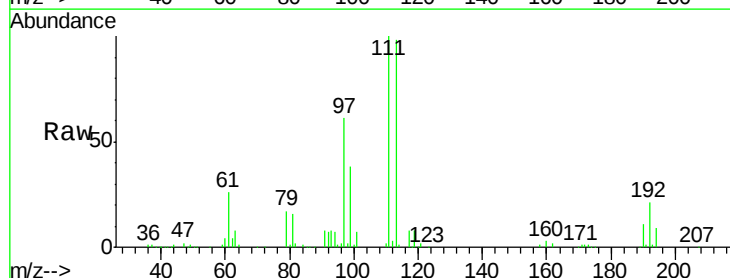
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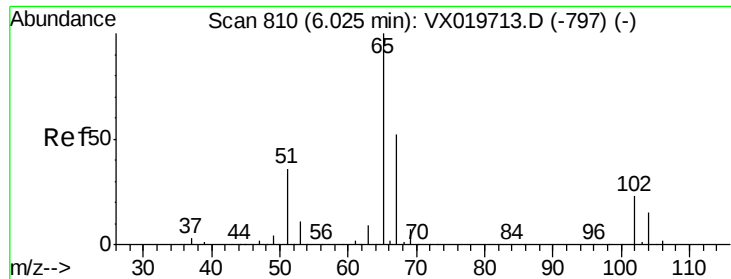
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#32
1,1,1-Trichloroethane
Concen: 18.804 ug/l
RT: 5.46 min Scan# 717
Delta R.T. 0.00 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.5	77.3
61	42.7	34.2	51.4





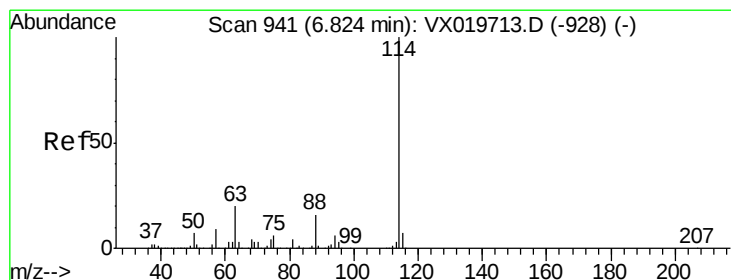
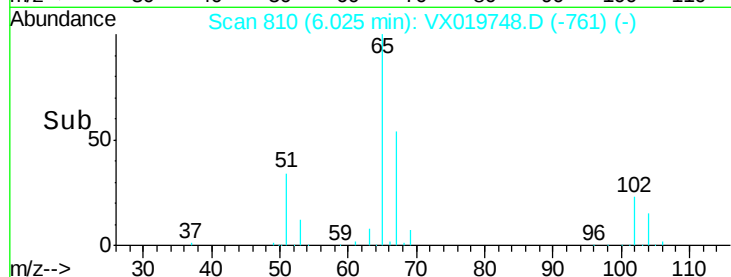
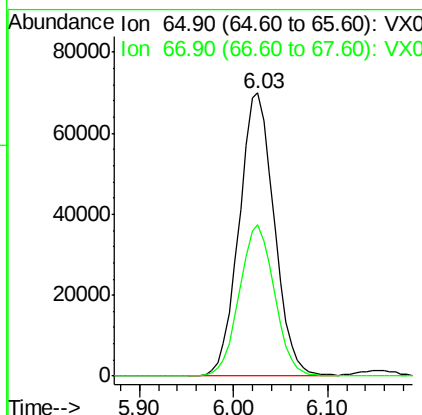
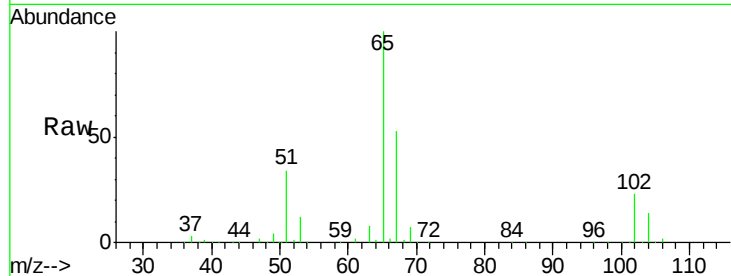
#33
 1,2-Dichloroethane-d4
 Concen: 45.302 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: VX019748.D
 Acq: 07 Dec 2020 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	181510		
67	53.5	0.0	105.4	

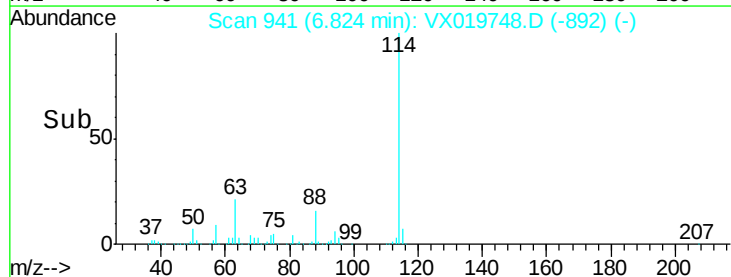
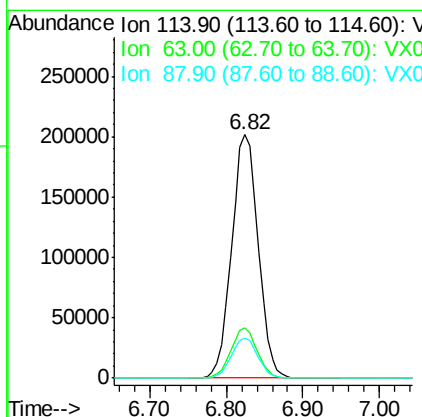
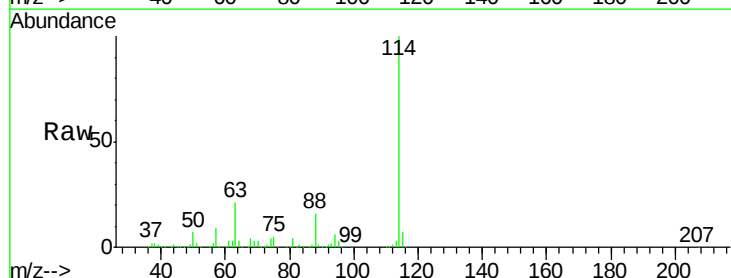
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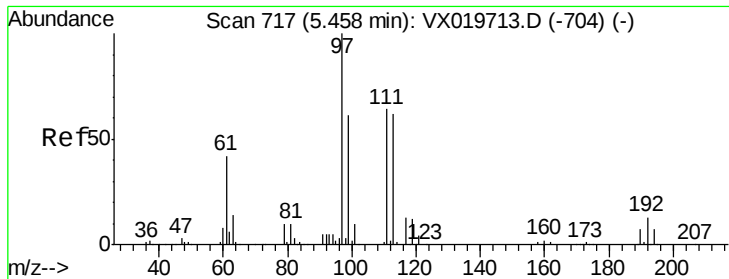
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: VX019748.D
 Acq: 07 Dec 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	483163		
63	20.6	0.0	40.8	
88	16.3	0.0	32.8	





#35

Dibromofluoromethane

Concen: 47.702 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.00 min

Lab File: VX019748.D

Acq: 07 Dec 2020 13:29

Instrument :

MSVOA_X

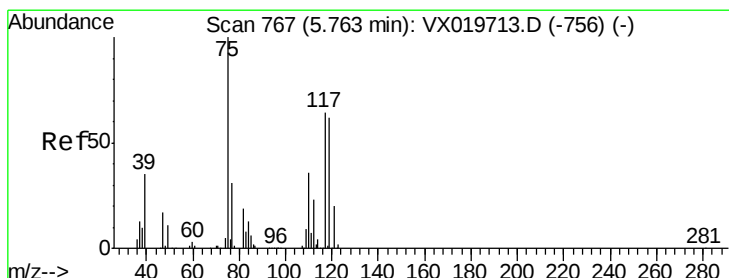
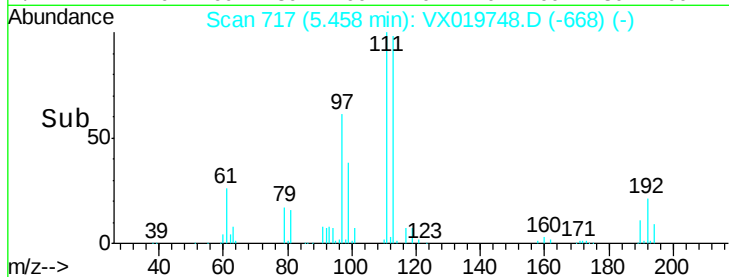
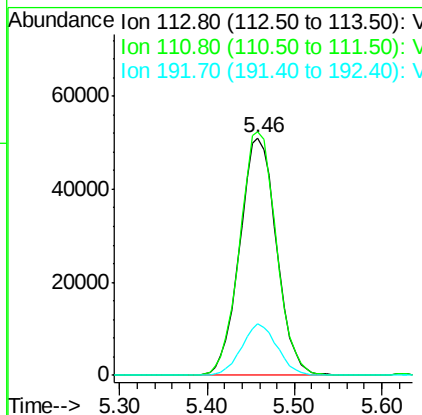
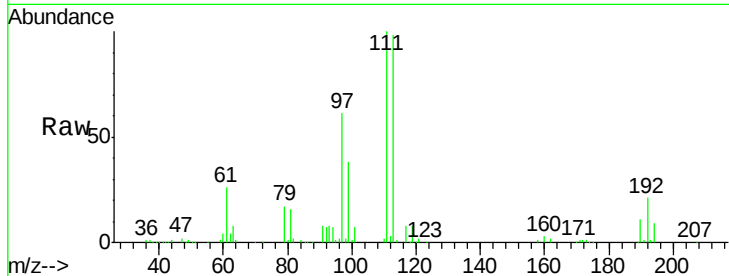
ClientSampleId :

VX1207WBS01

Tot Ion:	113	Resp:	148954
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.9	122.9
192	20.9	16.7	25.1

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#36

1,1-Dichloropropene

Concen: 18.971 ug/l

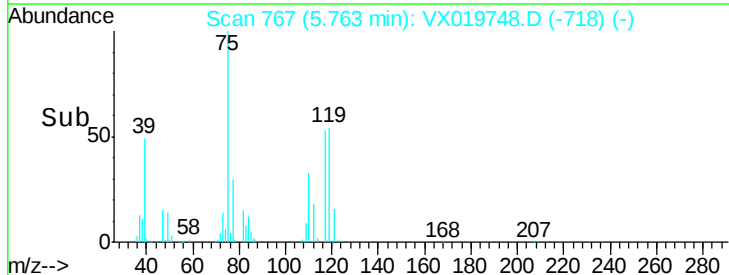
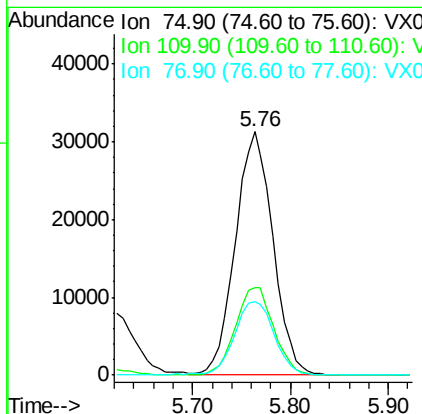
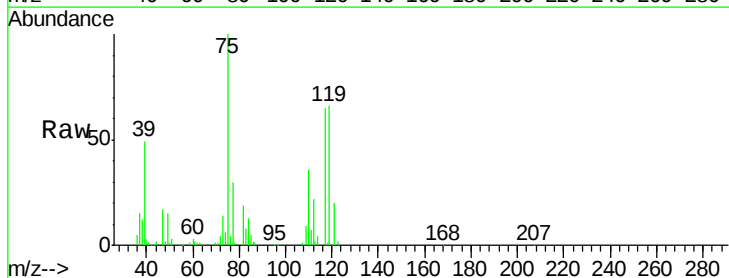
RT: 5.76 min Scan# 767

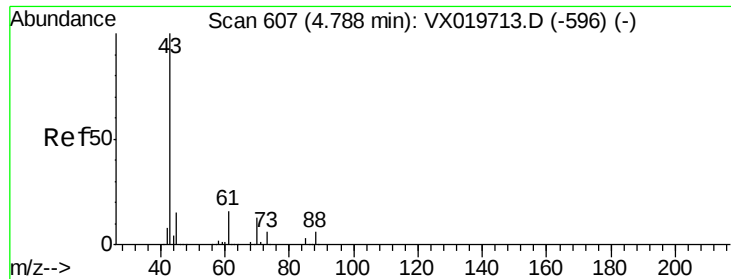
Delta R.T. 0.00 min

Lab File: VX019748.D

Acq: 07 Dec 2020 13:29

Tgt Ion:	75	Resp:	82827
Ion Ratio	Lower	Upper	
75	100		
110	37.0	18.1	54.4
77	32.3	25.3	37.9





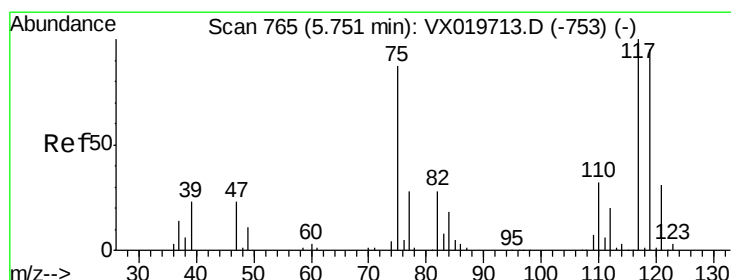
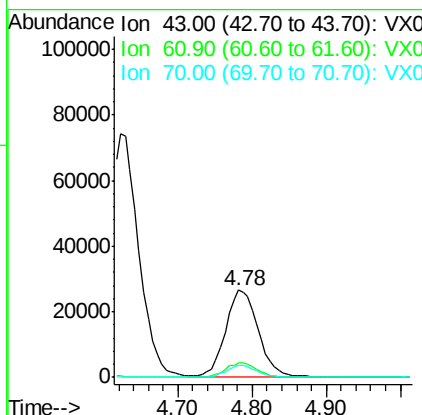
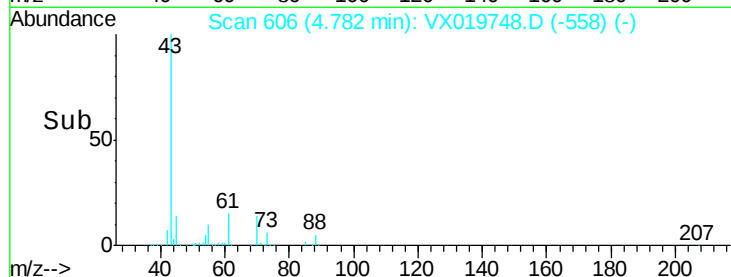
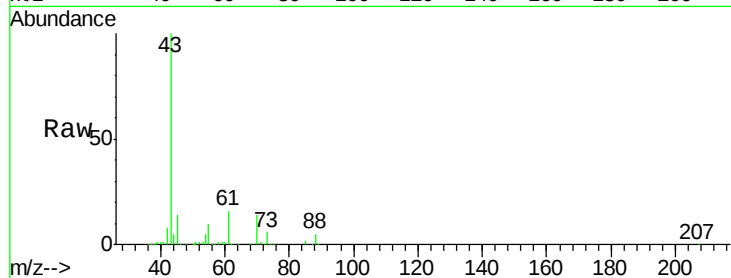
#37
Ethyl Acetate
Concen: 18.361 ug/l
RT: 4.78 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.0	12.8	19.2
70	13.1	10.5	15.7

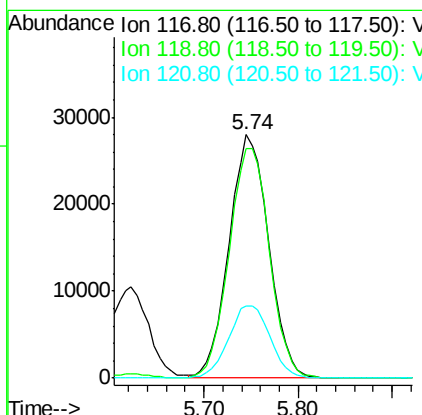
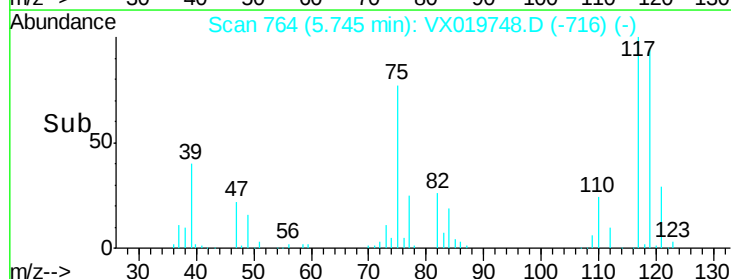
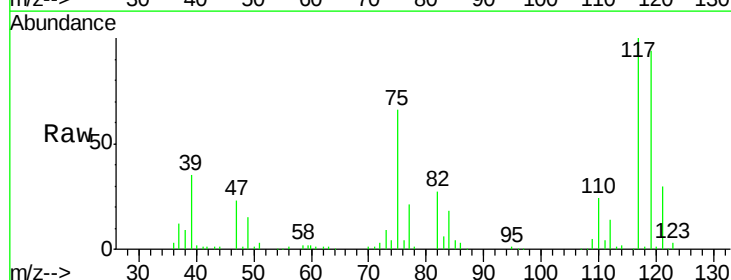
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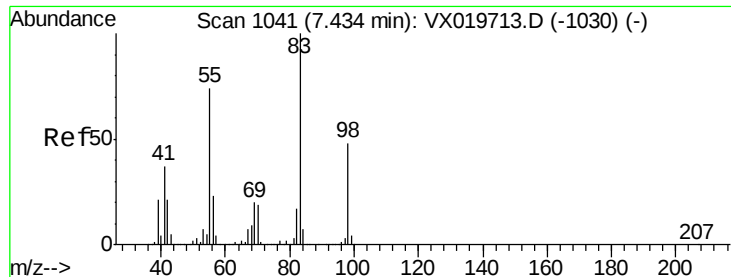
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#38
Carbon Tetrachloride
Concen: 19.247 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.2	114.2
121	29.5	24.8	37.2





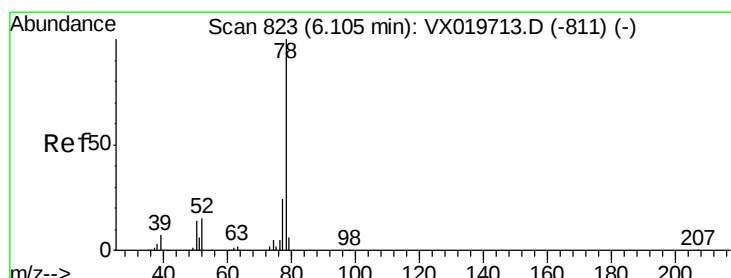
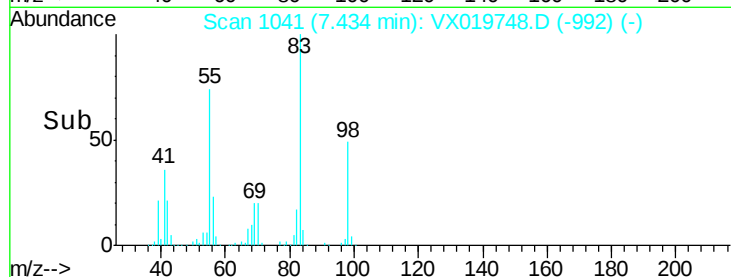
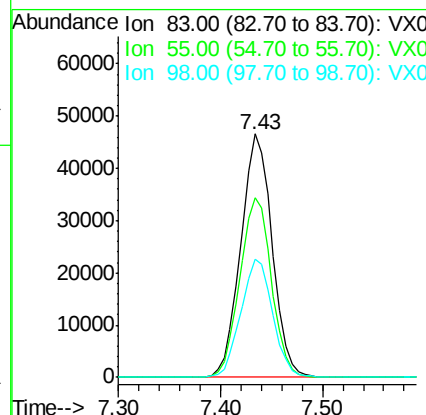
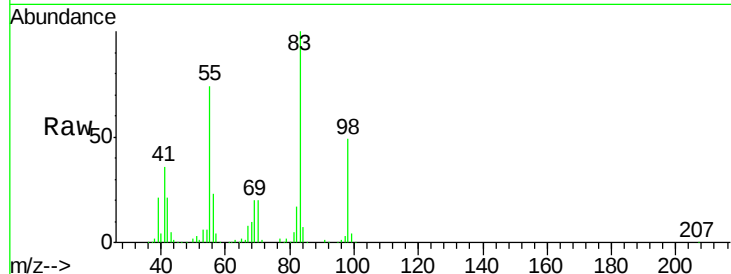
#39
Methvlcvclohexane
Concen: 19.339 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	73.7		58.9	88.3
98	48.8		38.1	57.1

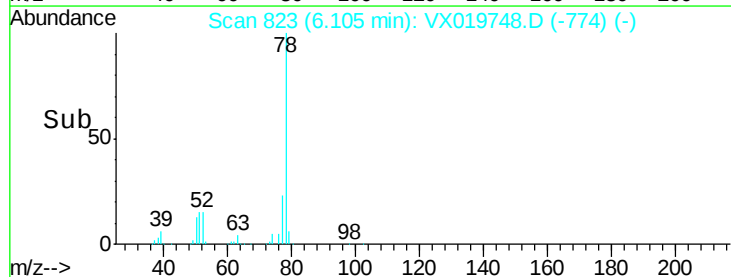
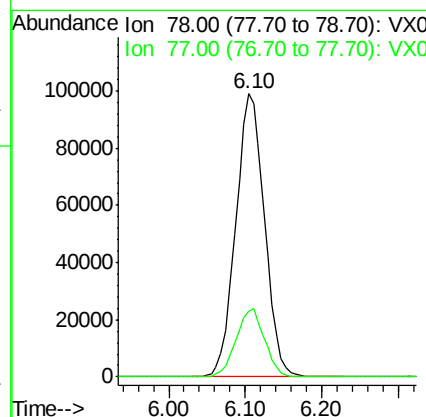
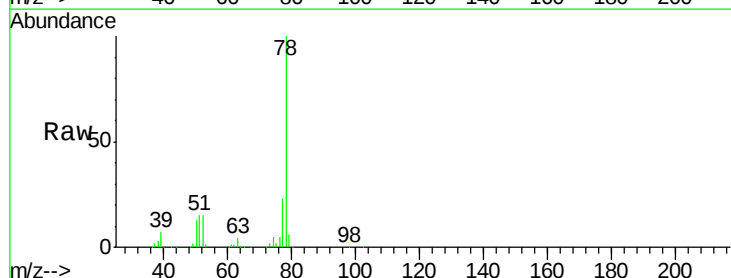
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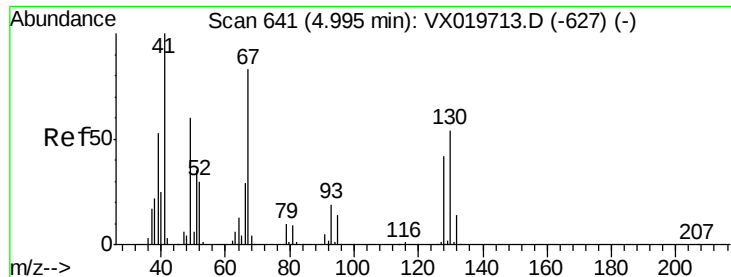
MMDadoda
12/8/2020 5:05:07 PM



#40
Benzene
Concen: 19.265 ug/l
RT: 6.10 min Scan# 823
Delta R.T. 0.00 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.4		18.9	28.3





#41

Methacrylonitrile

Concen: 18.207 ug/l

RT: 5.00 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX019748.D

Acq: 07 Dec 2020 13:29

Instrument :

MSVOA_X

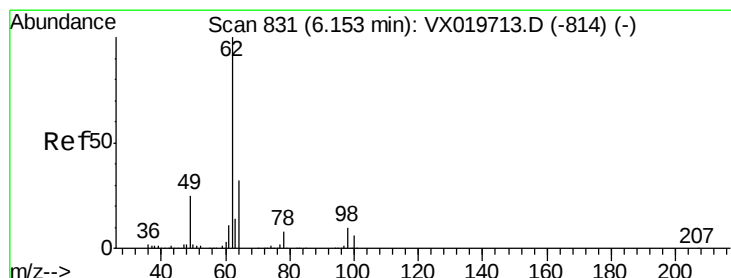
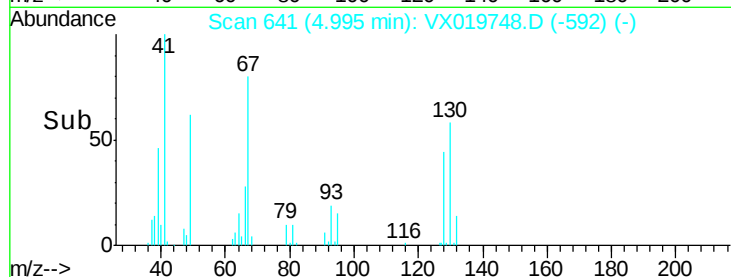
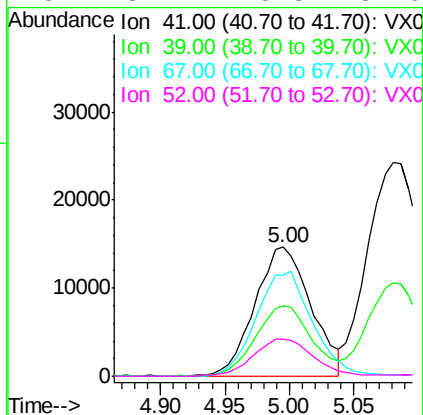
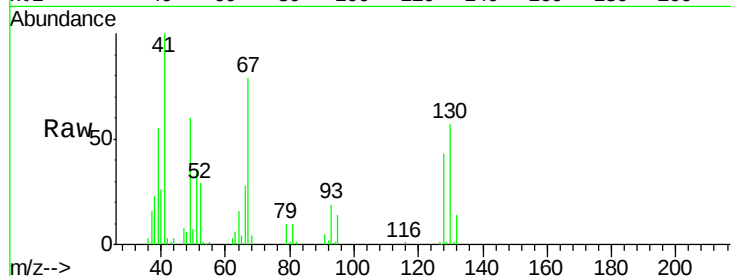
ClientSampleId :

VX1207WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.0	42.5	63.7	
67	82.5	65.0	97.6	
52	31.2	25.3	37.9	

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#42

1,2-Dichloroethane

Concen: 19.379 ug/l

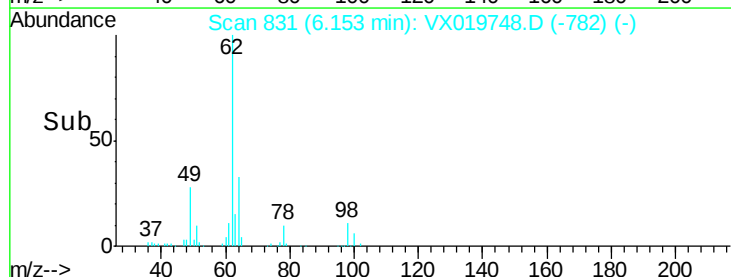
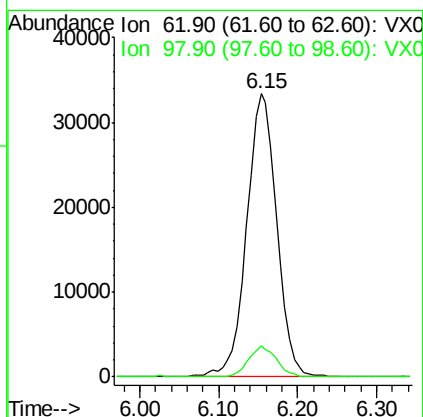
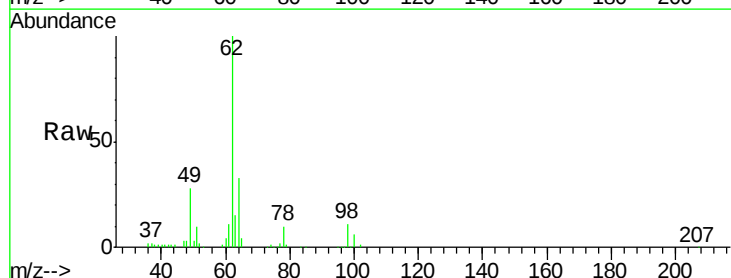
RT: 6.15 min Scan# 831

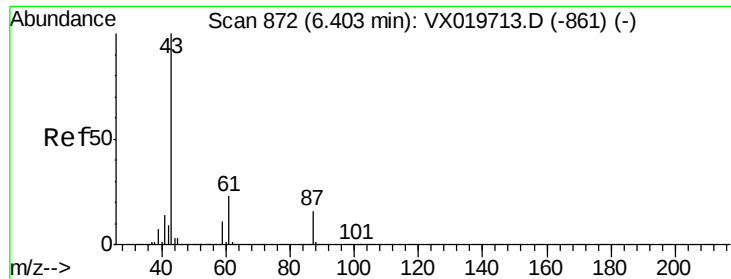
Delta R.T. 0.00 min

Lab File: VX019748.D

Acq: 07 Dec 2020 13:29

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	0.0	20.2	





#43

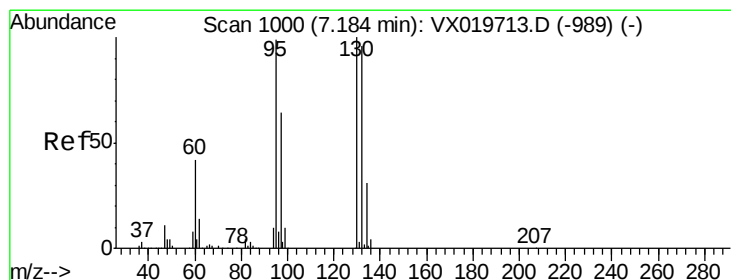
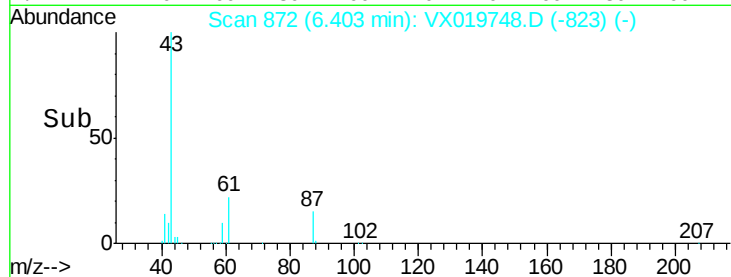
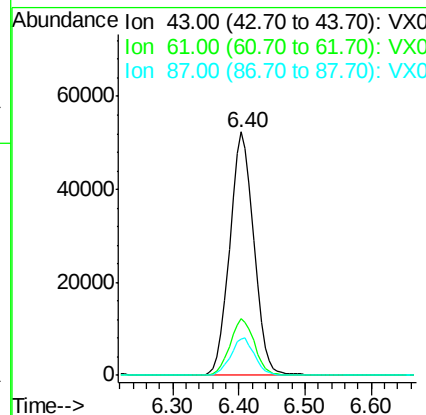
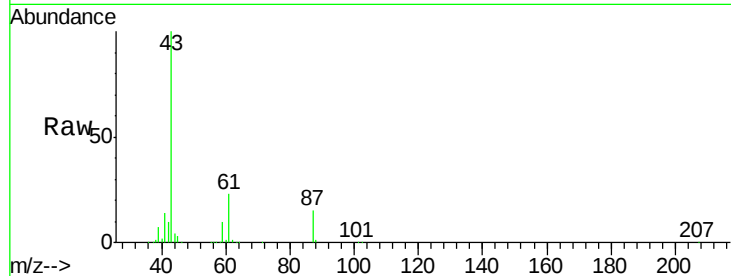
Isopropyl Acetate
 Concen: 18.361 ug/l
 RT: 6.40 min Scan# 872
 Delta R.T. 0.00 min
 Lab File: VX019748.D
 Acq: 07 Dec 2020 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.5	18.2	27.4
87	15.2	12.5	18.7

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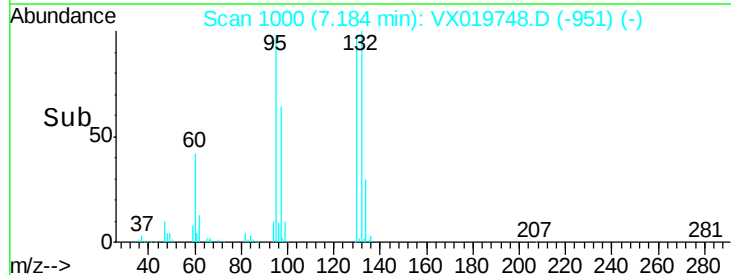
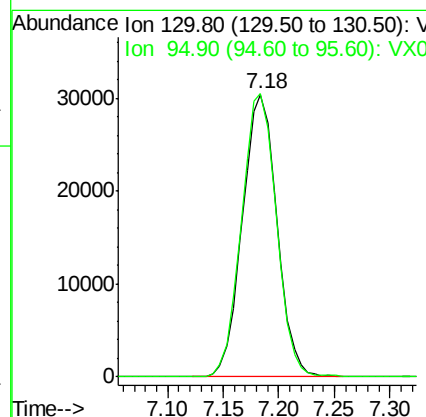
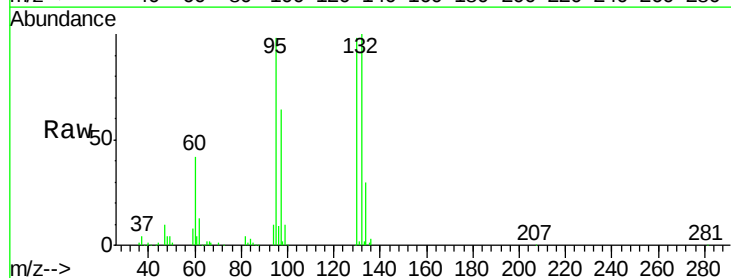
MMDadoda
 12/8/2020 5:05:07 PM

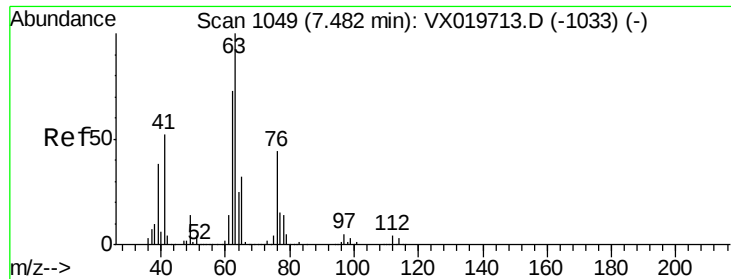


#44

Trichloroethene
 Concen: 18.716 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VX019748.D
 Acq: 07 Dec 2020 13:29

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	198.0





#45

1,2-Dichloropropane

Concen: 19.133 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. 0.00 min

Lab File: VX019748.D

Acq: 07 Dec 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBS01

Tot Ion: 63 Resp: 63776

Ion Ratio Lower Upper

63 100

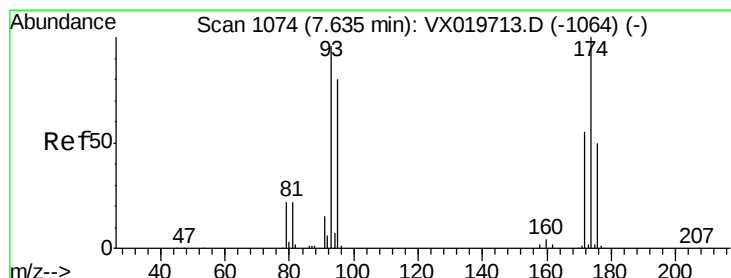
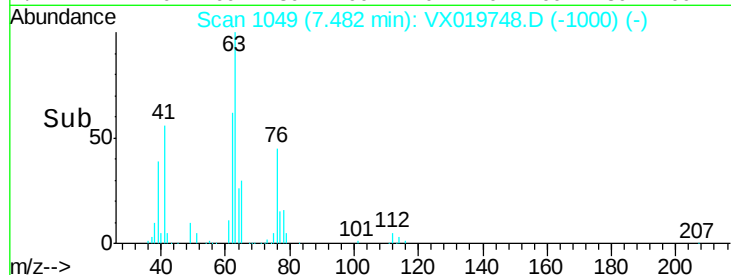
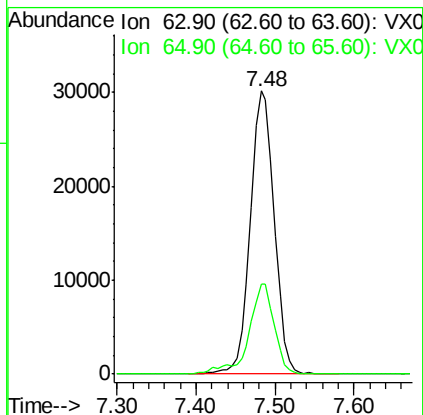
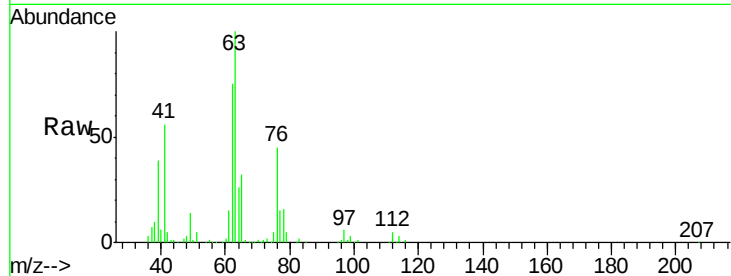
65 31.9 25.7 38.5

Manual Integrations

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#46

Dibromomethane

Concen: 19.256 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019748.D

Acq: 07 Dec 2020 13:29

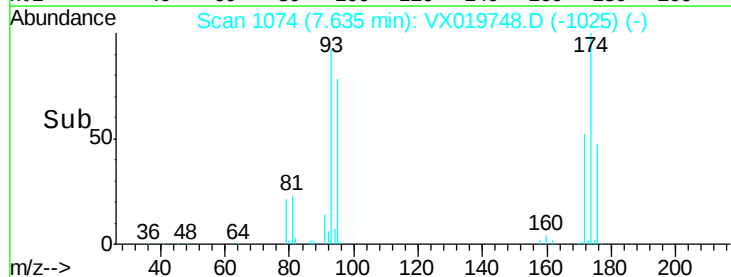
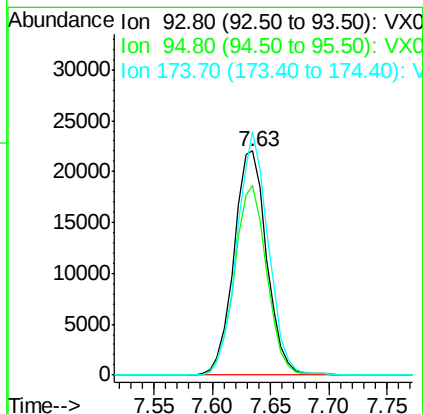
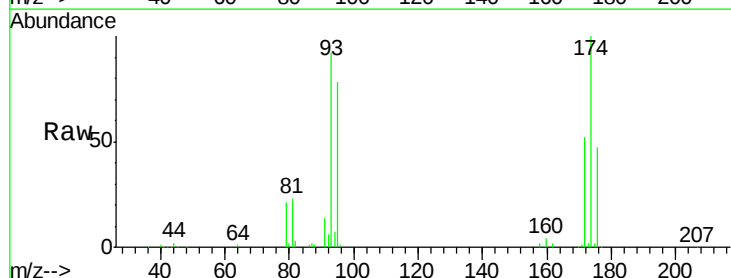
Tgt Ion: 93 Resp: 43345

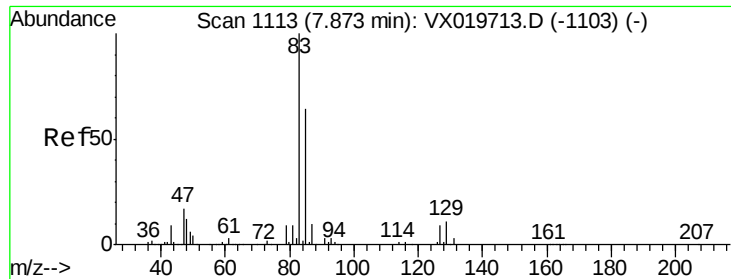
Ion Ratio Lower Upper

93 100

95 83.2 66.8 100.2

174 103.4 83.1 124.7





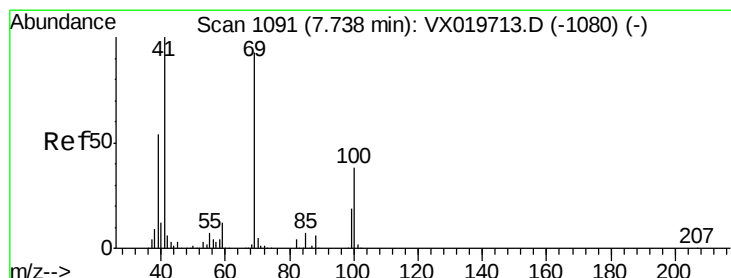
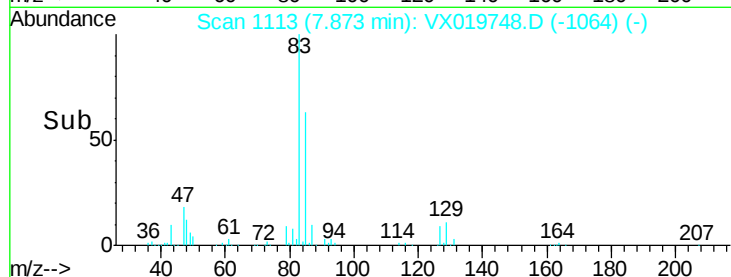
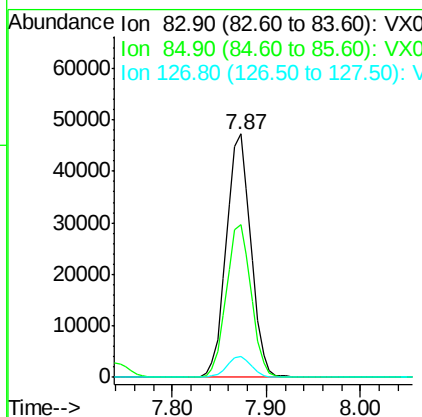
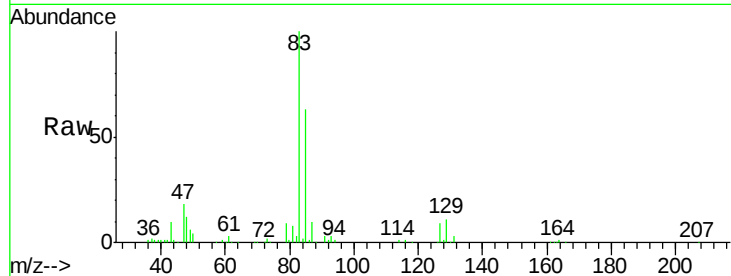
#47
Bromodichloromethane
Concen: 19.107 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.4	77.0
127	8.6	6.8	10.2

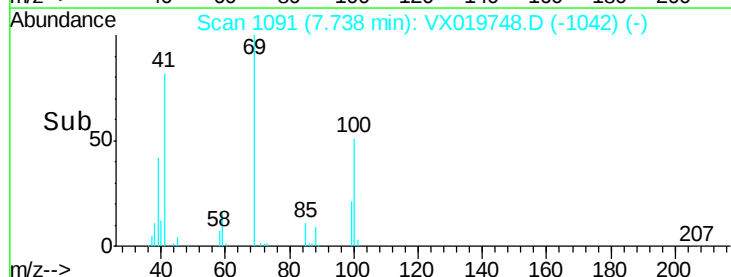
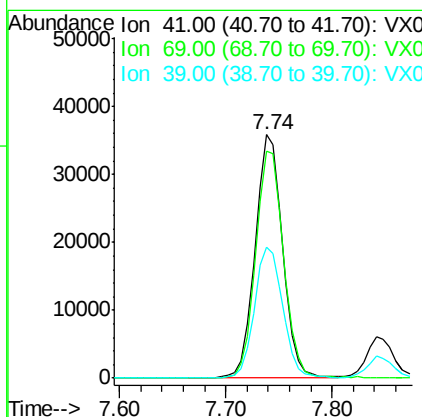
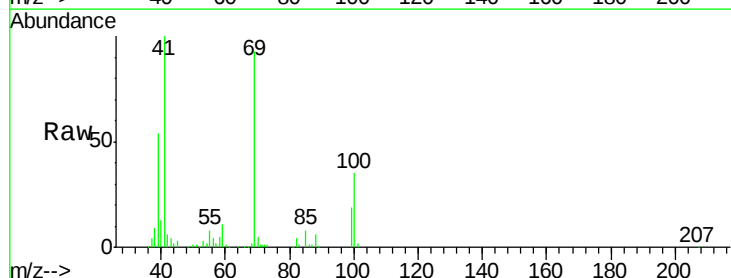
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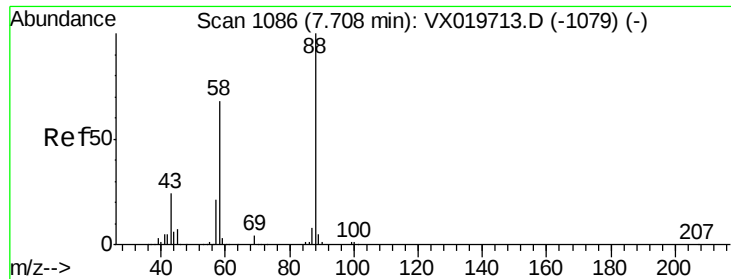
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#48
Methyl methacrylate
Concen: 18.489 ug/l
RT: 7.74 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Tgt Ion	Ratio	Lower	Upper
41	100		
69	94.7	76.0	114.0
39	55.6	44.6	67.0





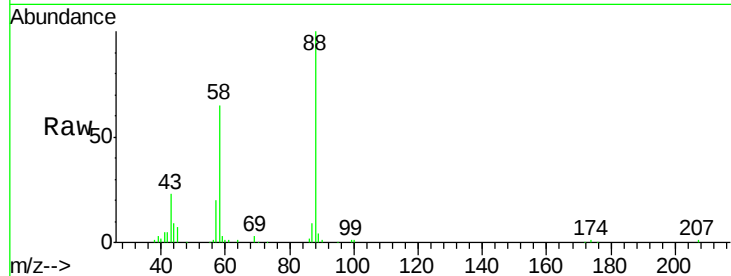
#49
1,4-Dioxane
Concen: 362.870 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.2	23.2	34.8
58	67.7	55.0	82.4

Manual Integrations
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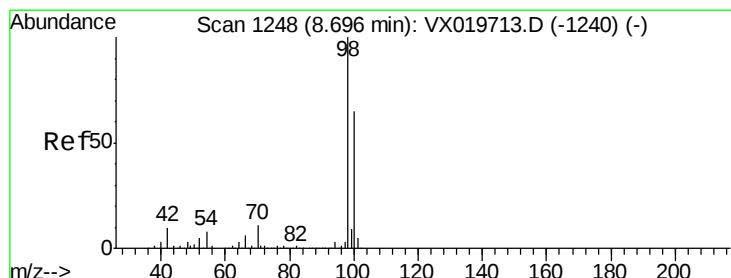
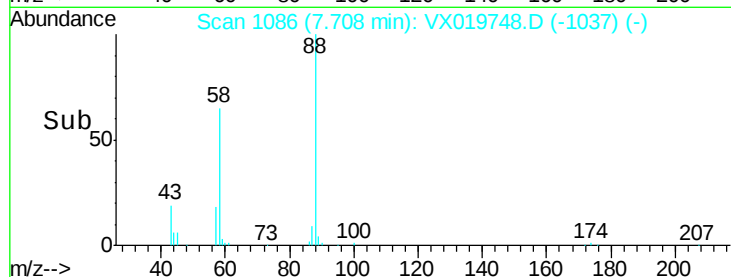
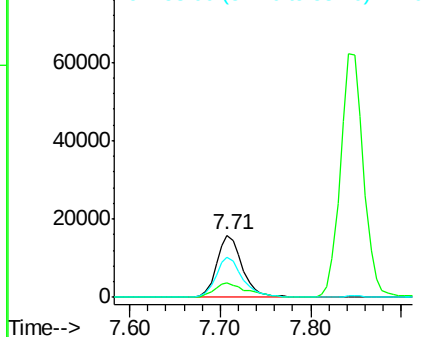


Abundance

Ion 88.00 (87.70 to 88.70): VX0

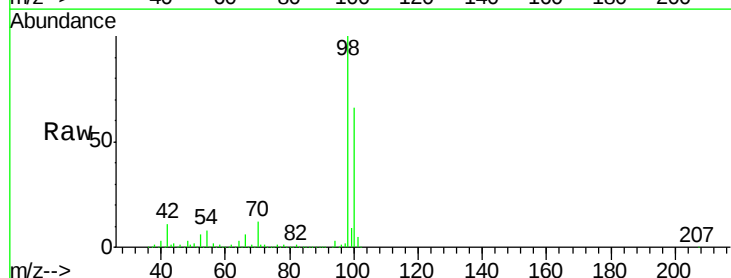
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 48.557 ug/l
RT: 8.69 min Scan# 1247
Delta R.T. -0.01 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

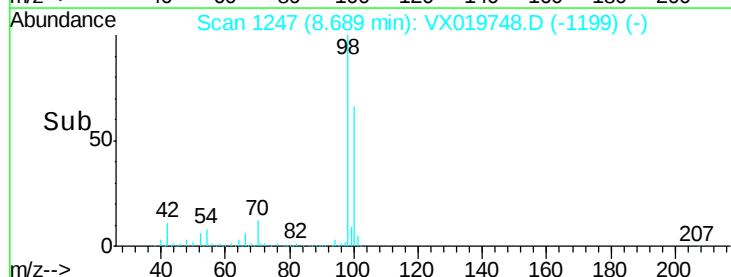
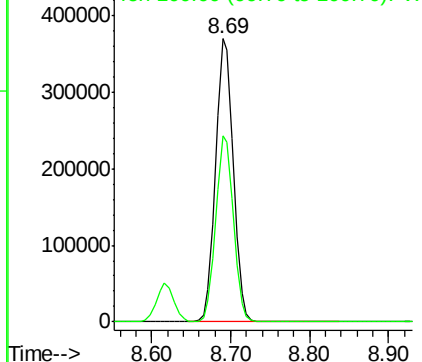
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.9	77.9

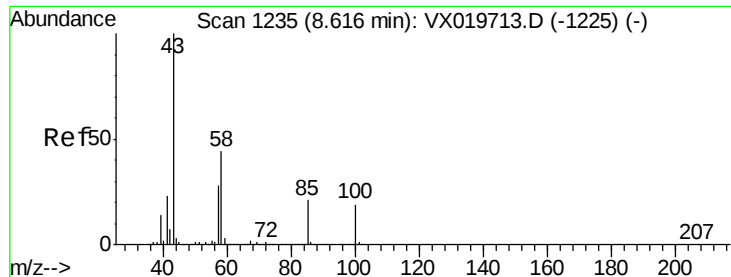


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





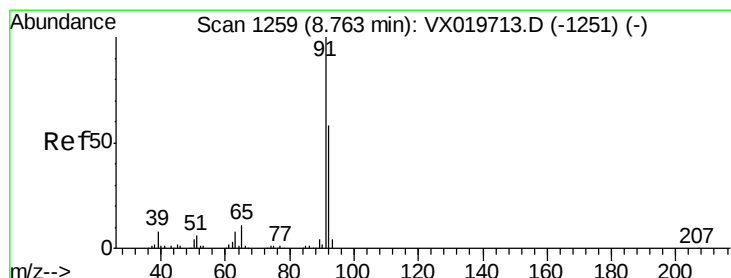
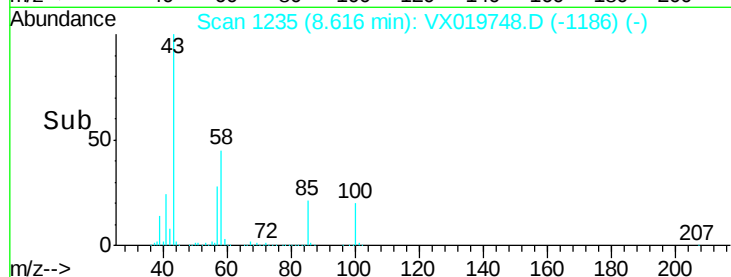
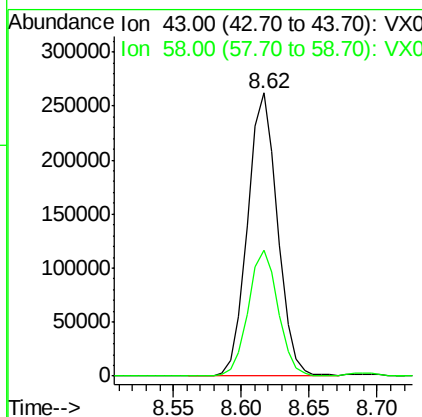
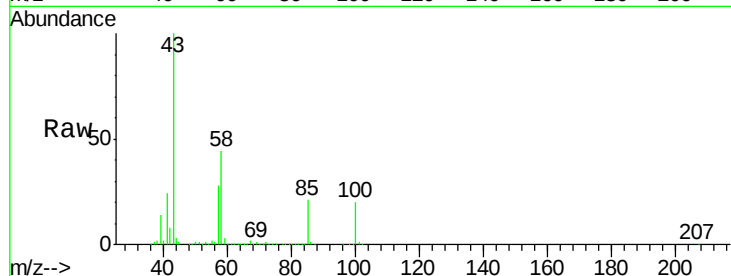
#51
4-Methyl-2-Pentanone
Concen: 92.728 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion: 43 Resp: 405740
Ion Ratio Lower Upper
43 100
58 44.3 35.4 53.0

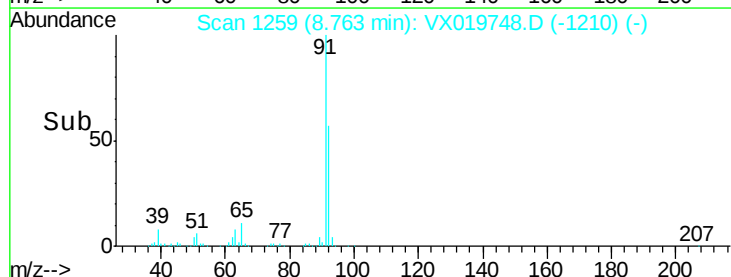
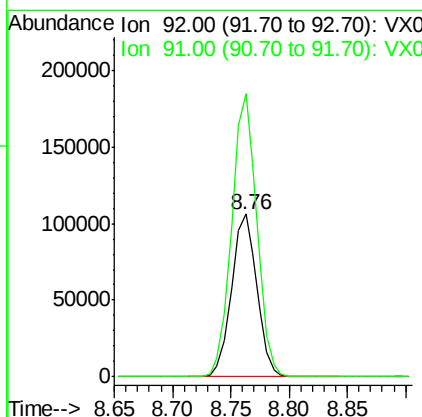
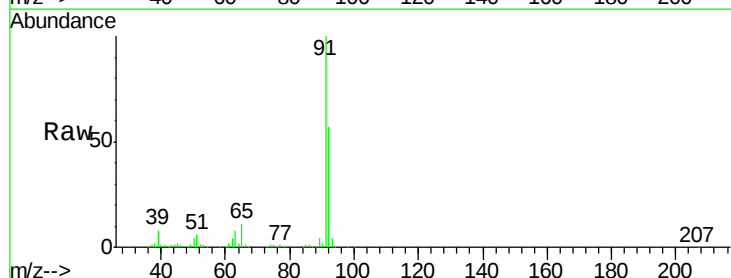
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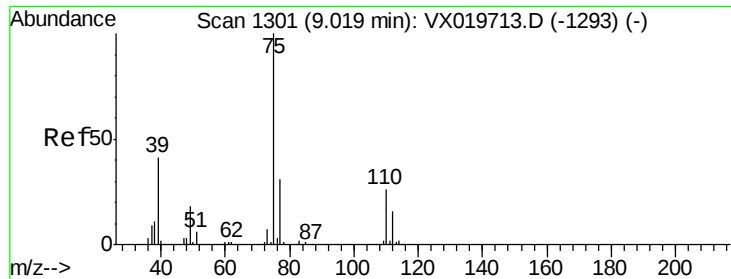
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#52
Toluene
Concen: 19.309 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Tgt Ion: 92 Resp: 161063
Ion Ratio Lower Upper
92 100
91 172.2 137.1 205.7





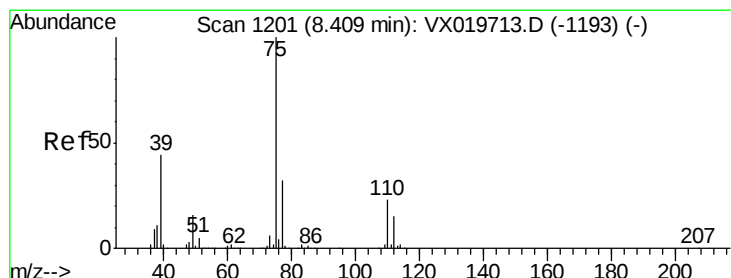
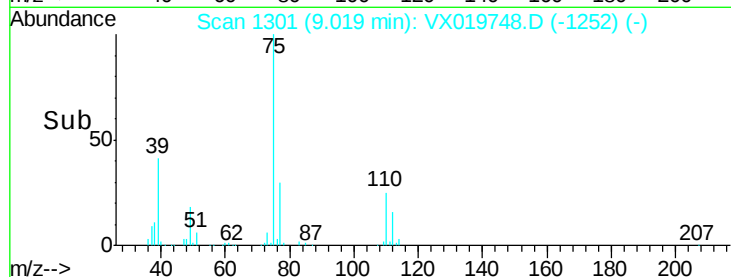
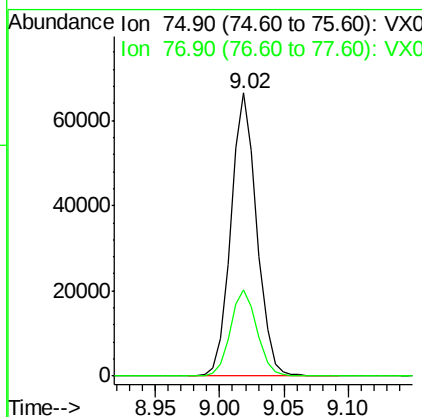
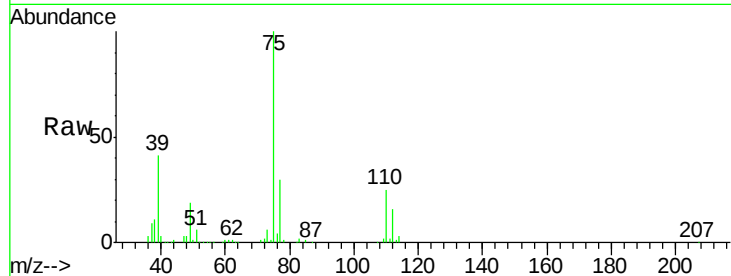
#53
t-1,3-Dichloropropene
Concen: 18.797 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion: 75 Resp: 93171
Ion Ratio Lower Upper
75 100
77 30.3 24.9 37.3

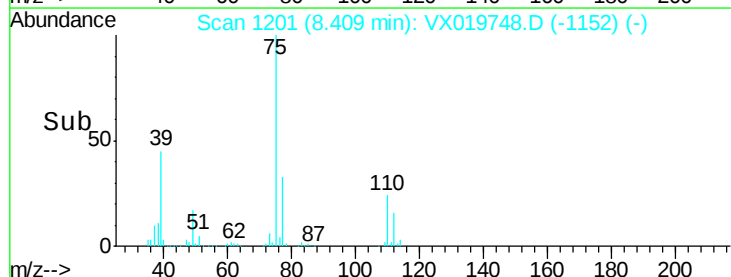
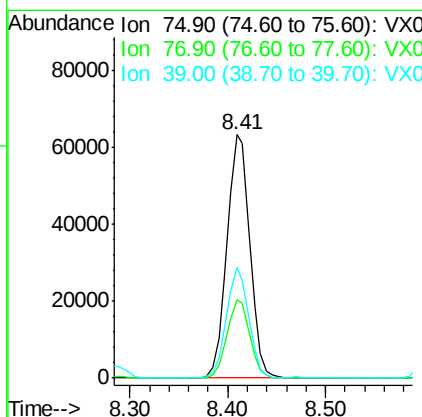
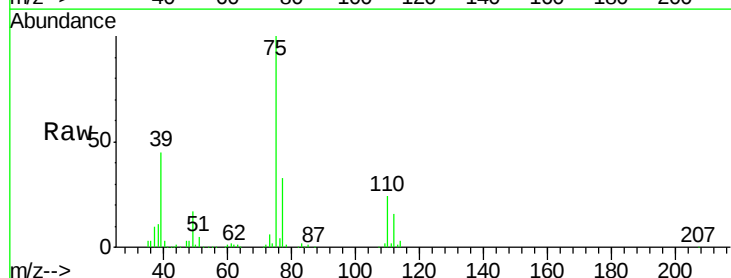
Manual Integrations
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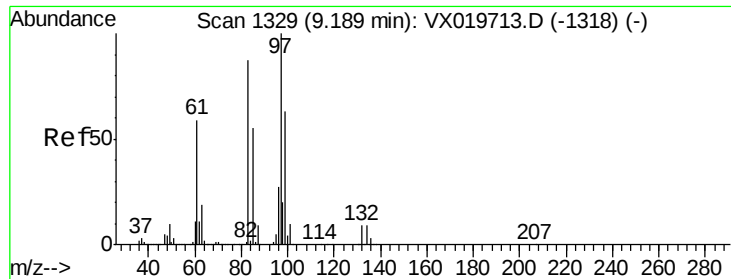
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#54
cis-1,3-Dichloropropene
Concen: 19.047 ug/l
RT: 8.41 min Scan# 1201
Delta R.T. 0.00 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Tgt Ion: 75 Resp: 102568
Ion Ratio Lower Upper
75 100
77 32.5 25.7 38.5
39 45.2 35.1 52.7





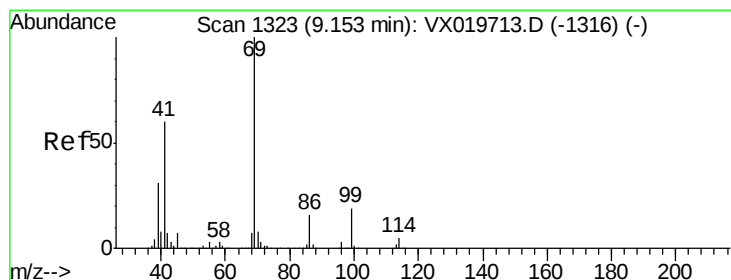
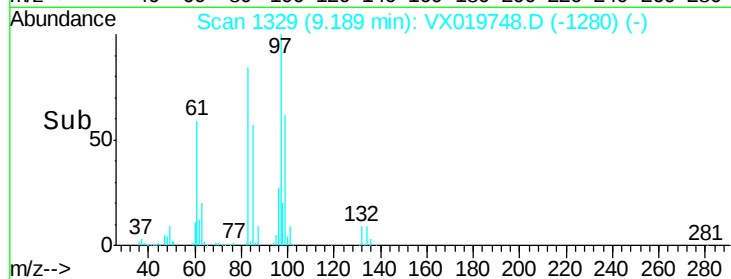
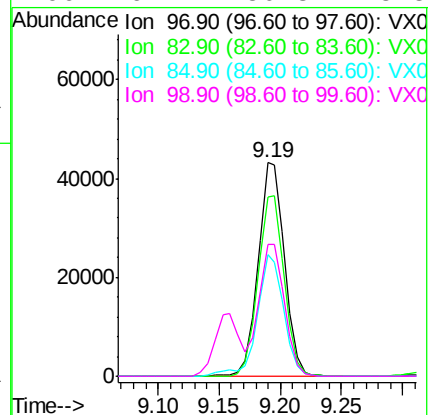
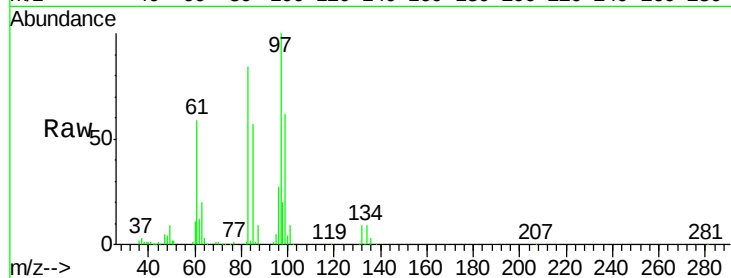
#55
 1,1,2-Trichloroethane
 Concen: 19.362 ug/l
 RT: 9.19 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: VX019748.D
 Acq: 07 Dec 2020 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBS01

Tot Ion:	97	Resp:	65084
Ion	Ratio	Lower	Upper
97	100		
83	84.1	69.3	103.9
85	56.7	44.3	66.5
99	61.4	50.3	75.5

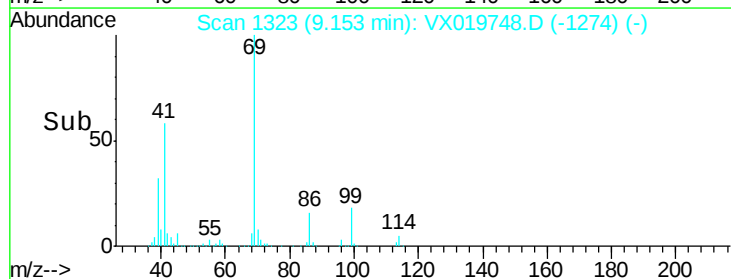
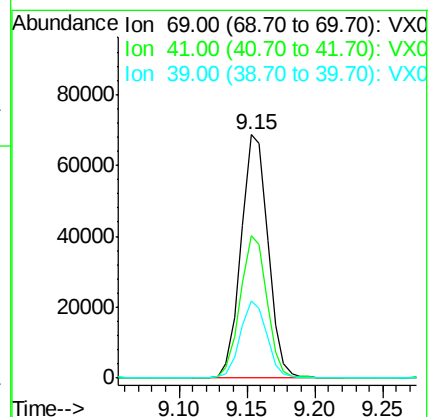
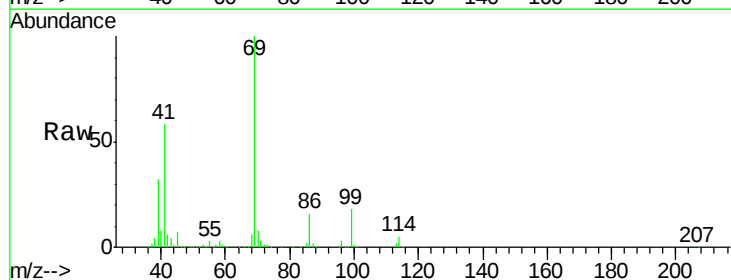
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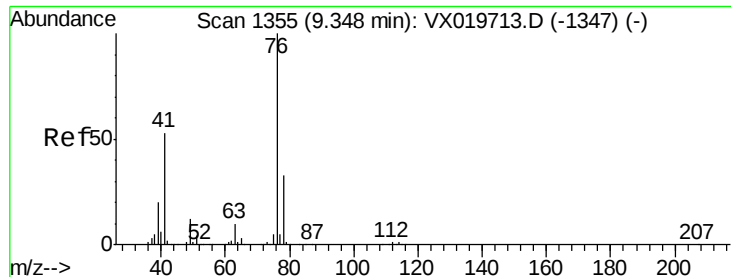
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#56
 Ethyl methacrylate
 Concen: 18.682 ug/l
 RT: 9.15 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX019748.D
 Acq: 07 Dec 2020 13:29

Tgt Ion:	69	Resp:	95012
Ion	Ratio	Lower	Upper
69	100		
41	57.9	46.8	70.2
39	31.0	24.7	37.1





#57

1,3-Dichloropropane

Concen: 19.097 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. 0.00 min

Lab File: VX019748.D

Acq: 07 Dec 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBS01

Tot Ion: 76 Resp: 109615

Ion Ratio Lower Upper

76 100

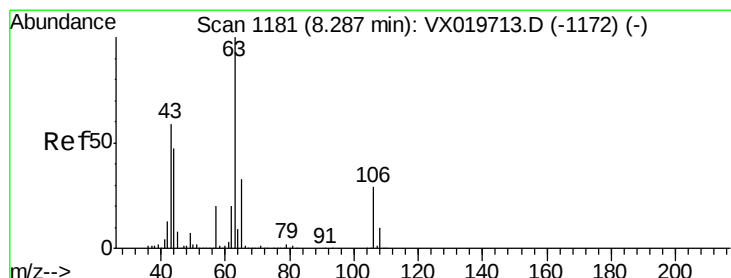
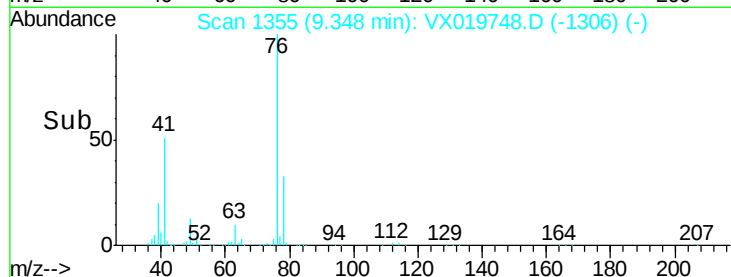
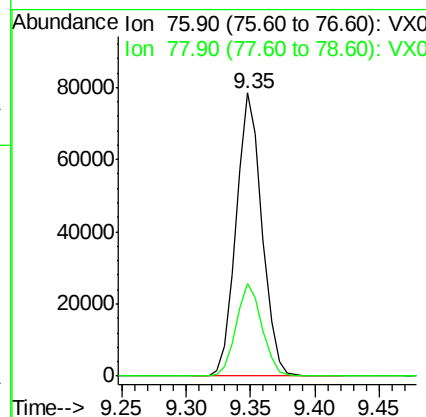
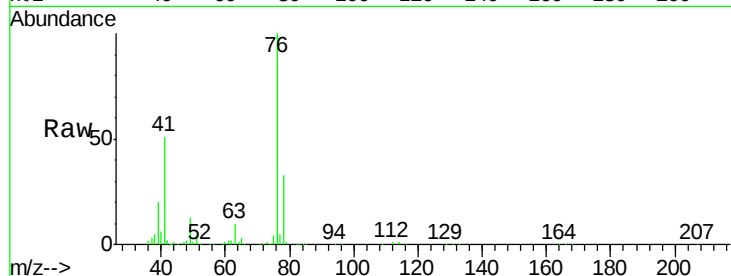
78 32.8 26.2 39.2

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 96.863 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX019748.D

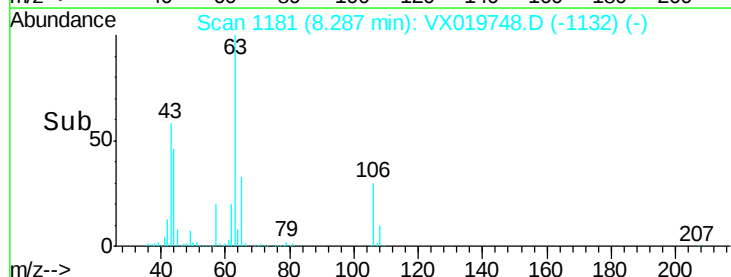
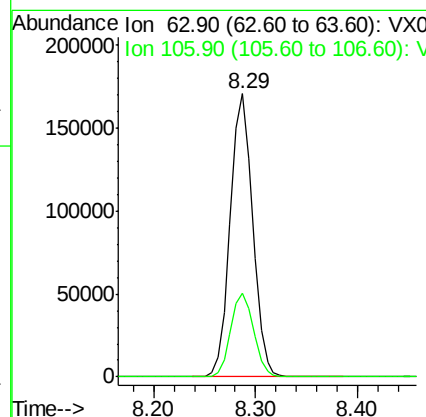
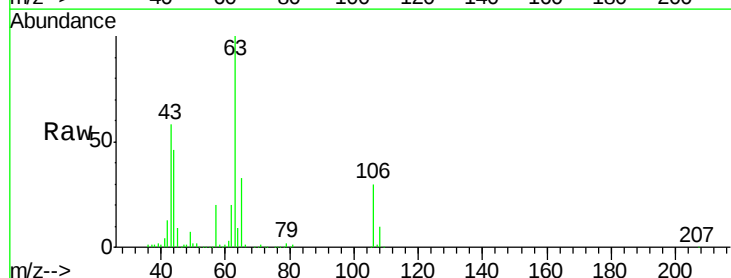
Acq: 07 Dec 2020 13:29

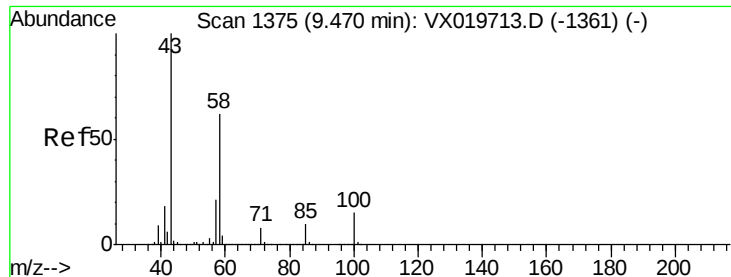
Tgt Ion: 63 Resp: 260975

Ion Ratio Lower Upper

63 100

106 30.1 23.5 35.3





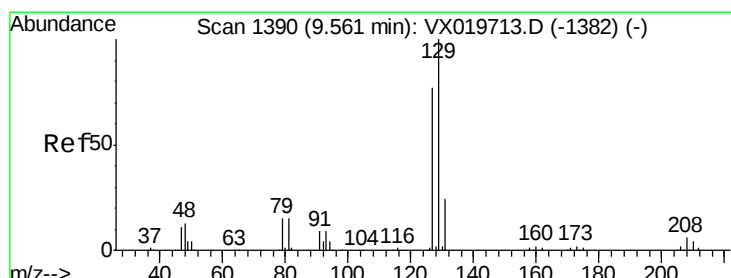
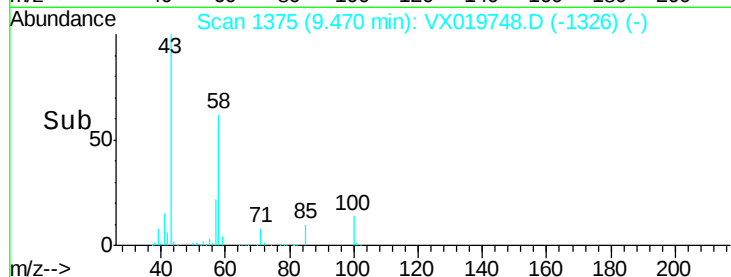
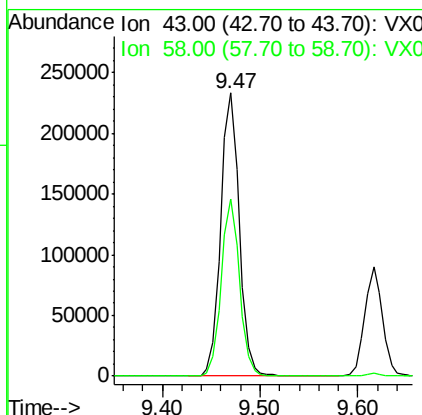
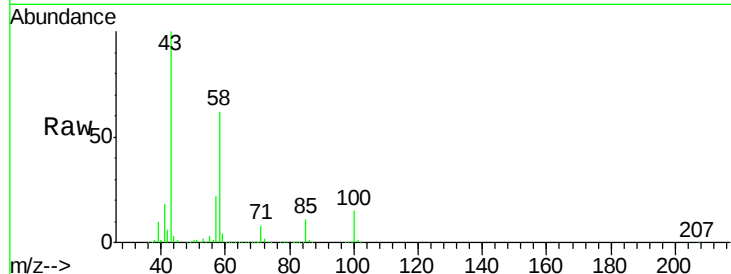
#59
2-Hexanone
Concen: 90.520 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion: 43 Resp: 307016
Ion Ratio Lower Upper
43 100
58 61.7 30.9 92.8

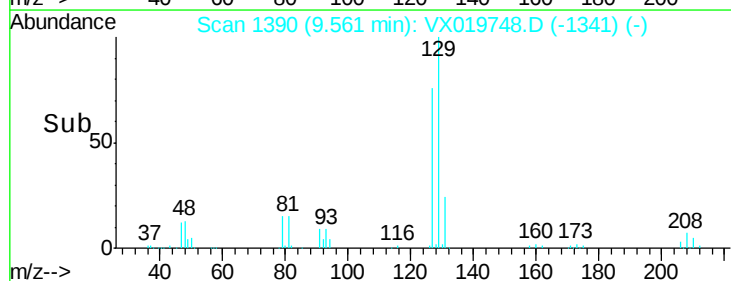
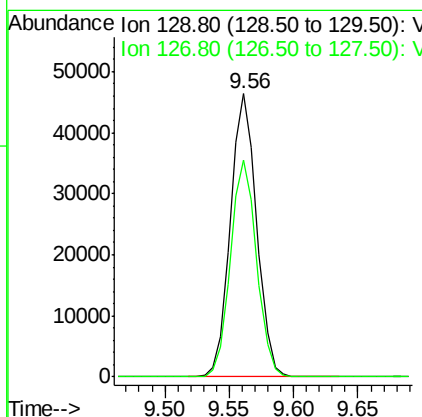
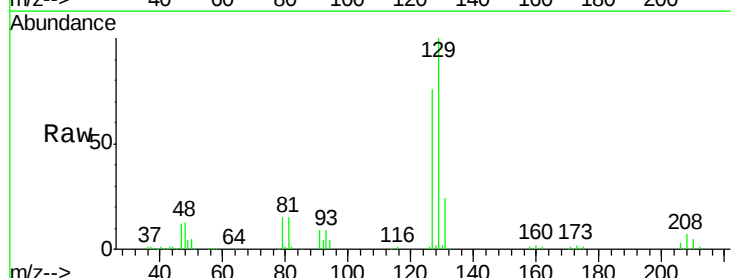
Manual Integrations
APPROVED

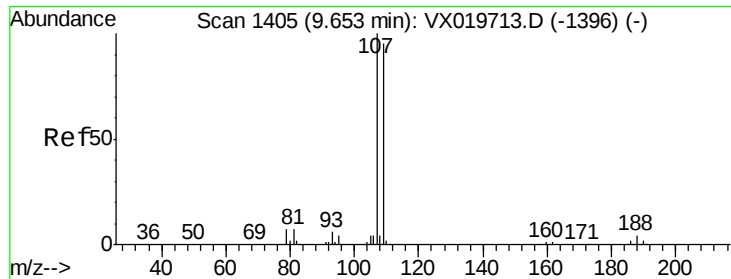
MMDadoda
12/8/2020 5:05:07 PM



#60
Dibromochloromethane
Concen: 19.395 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Tgt Ion: 129 Resp: 66239
Ion Ratio Lower Upper
129 100
127 76.2 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.057 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019748.D

Acq: 07 Dec 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBS01

Tot Ion: 107 Resp: 68025

Ion Ratio Lower Upper

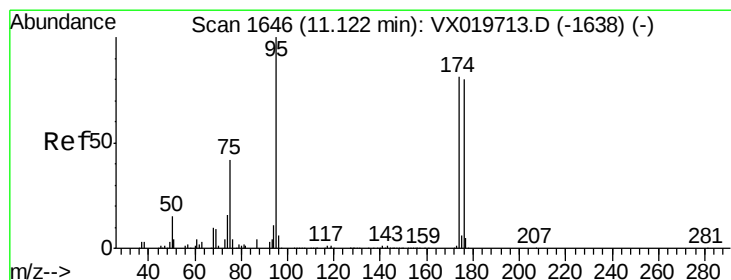
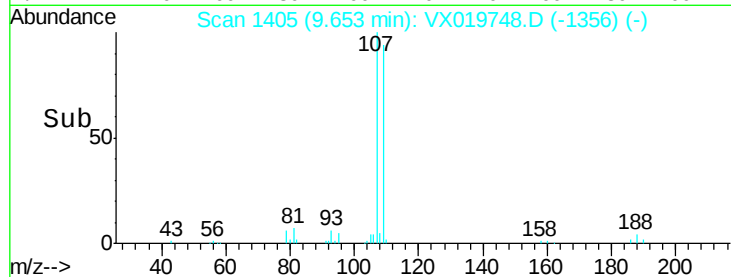
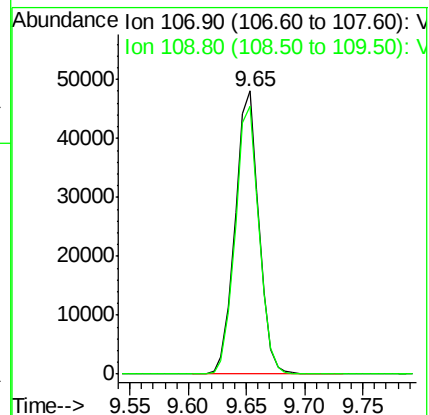
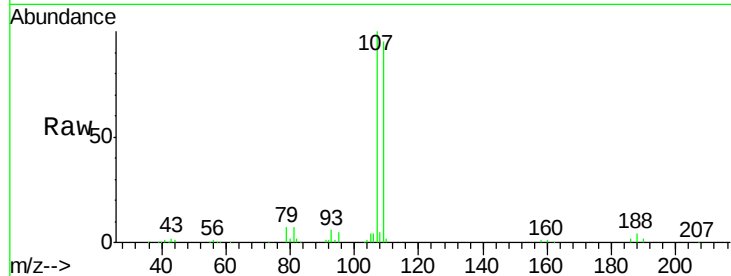
107 100

109 95.6 75.8 113.6

Manual Integrations
APPROVED

MMDadoda

12/8/2020 5:05:07 PM



#62

4-Bromofluorobenzene

Concen: 47.548 ug/l

RT: 11.12 min Scan# 1645

Delta R.T. -0.01 min

Lab File: VX019748.D

Acq: 07 Dec 2020 13:29

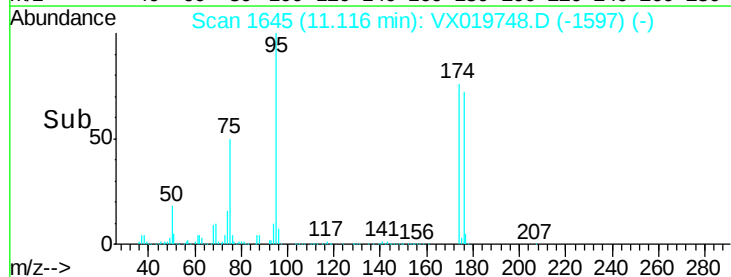
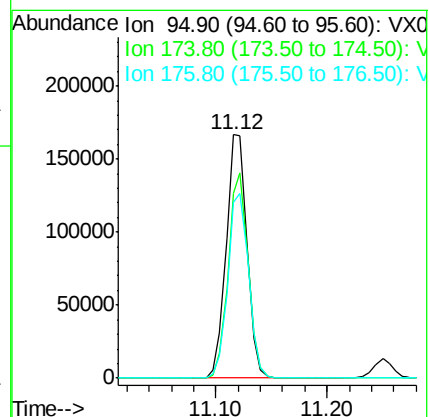
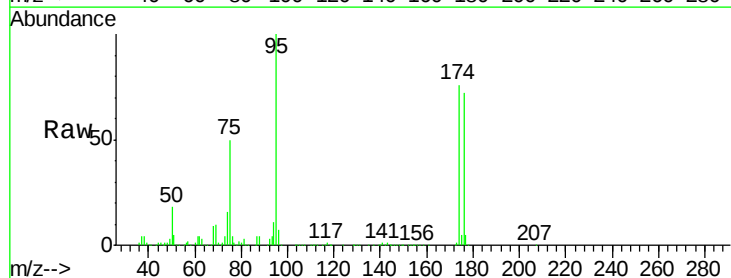
Tgt Ion: 95 Resp: 215746

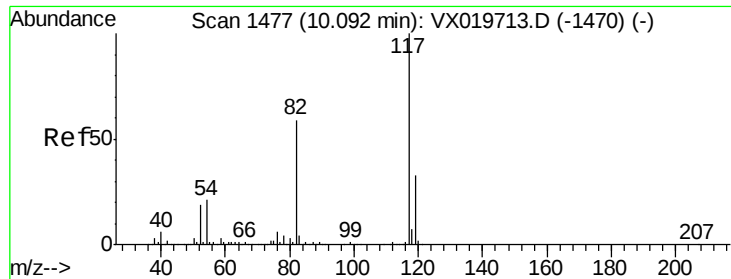
Ion Ratio Lower Upper

95 100

174 80.2 0.0 154.6

176 75.9 0.0 155.8





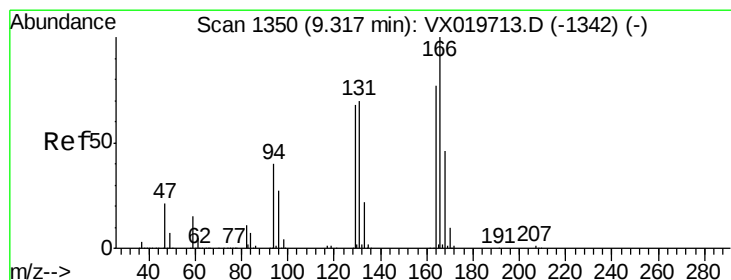
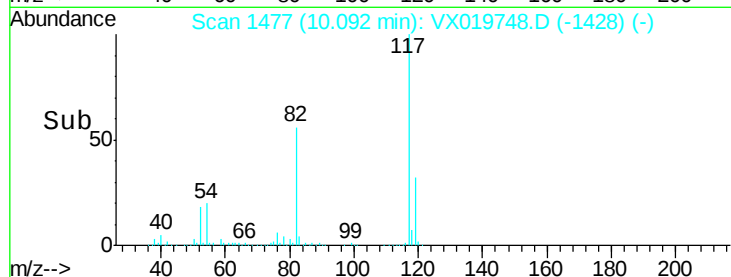
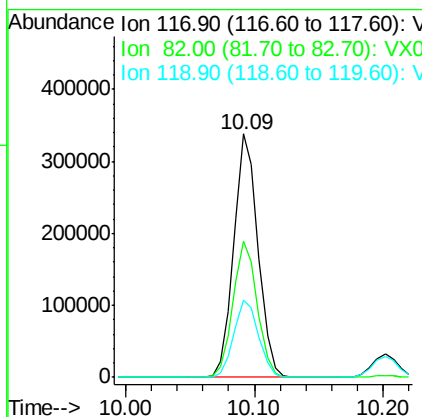
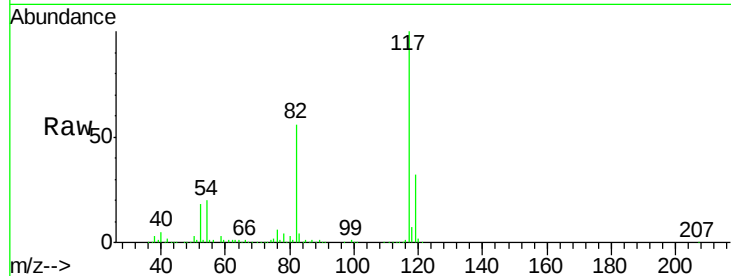
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	443822		
82	56.1		47.4	71.2
119	31.9		26.6	39.8

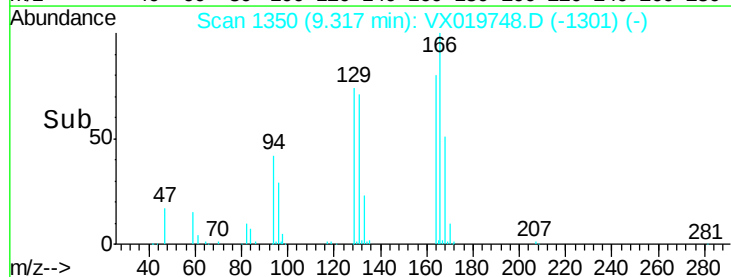
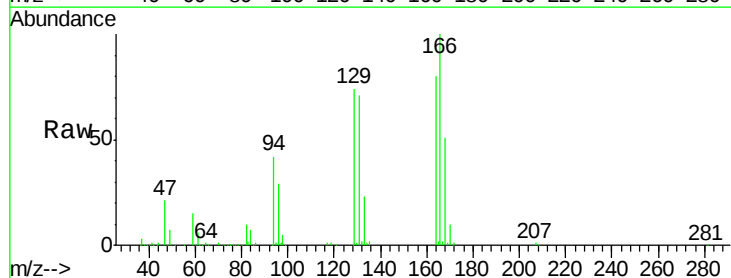
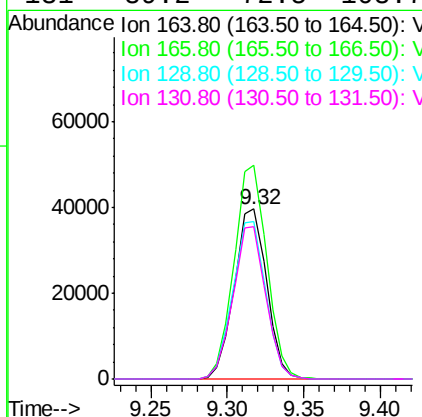
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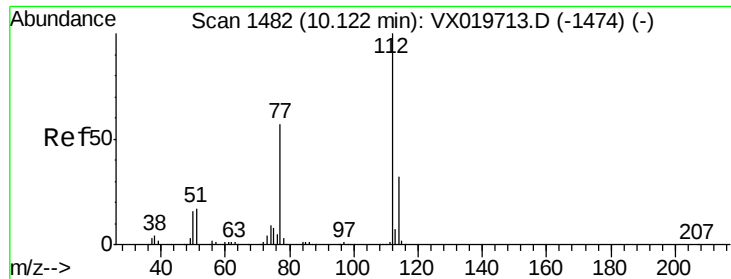
MMDadoda
12/8/2020 5:05:07 PM



#64
Tetrachloroethene
Concen: 19.630 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	58426		
166	125.6		103.4	155.2
129	92.5		70.8	106.2
131	89.2		72.5	108.7





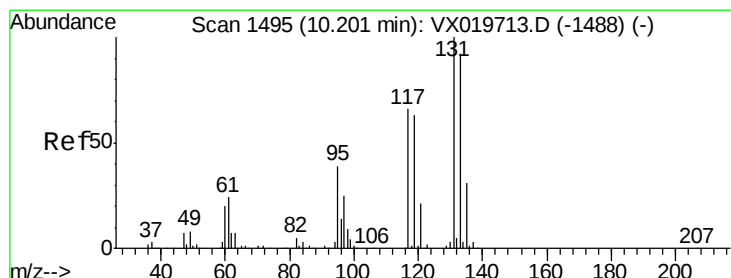
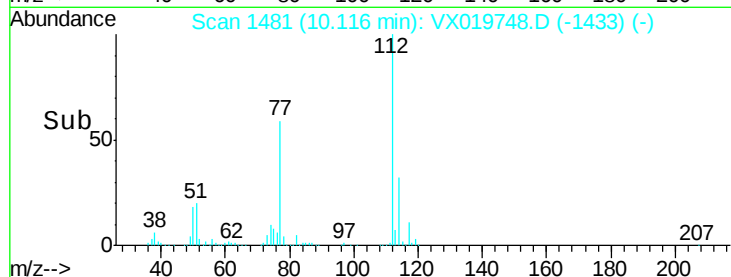
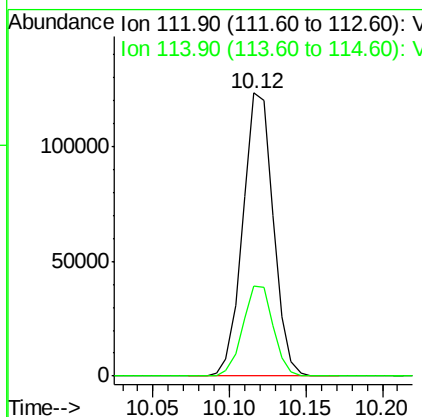
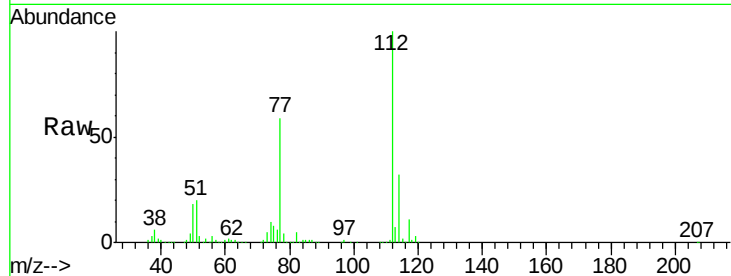
#65
Chlorobenzene
Concen: 19.250 ug/l
RT: 10.12 min Scan# 1481
Delta R.T. -0.01 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Instrument :
MSVOA_X
ClientSampled :
VX1207WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.8	38.6

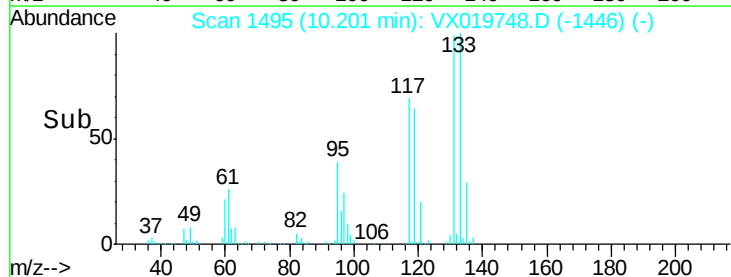
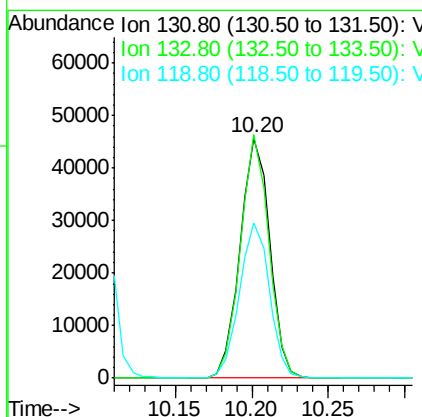
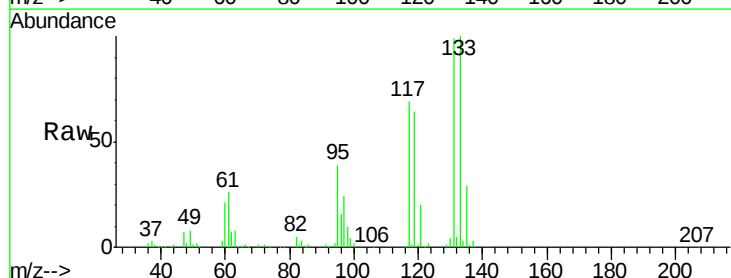
Manual Integrations
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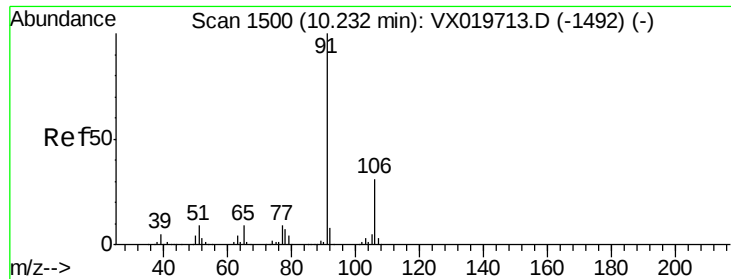
MMDadoda
12/8/2020 5:05:07 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.414 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.9	47.7	143.1
119	65.3	32.1	96.5





#67

Ethyl Benzene

Concen: 19.436 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019748.D

Acq: 07 Dec 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBS01

Tot Ion: 91 Resp: 305047

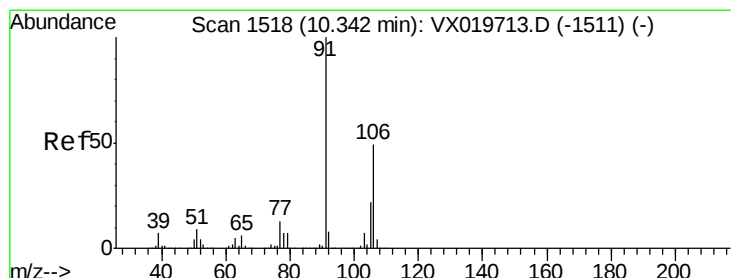
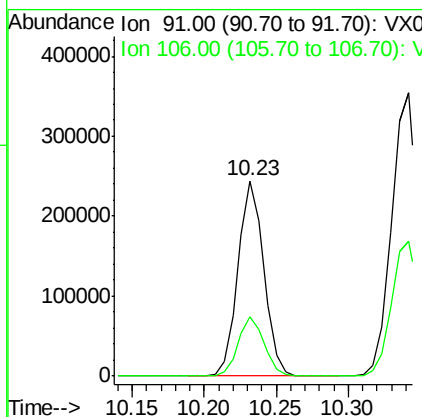
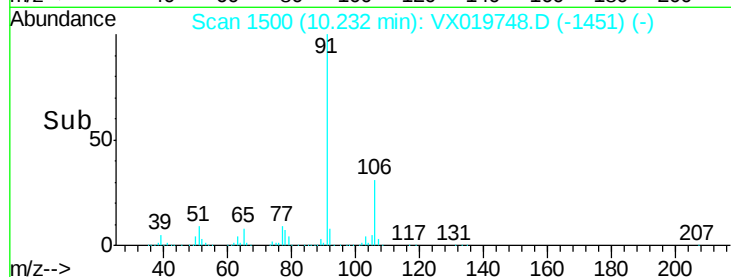
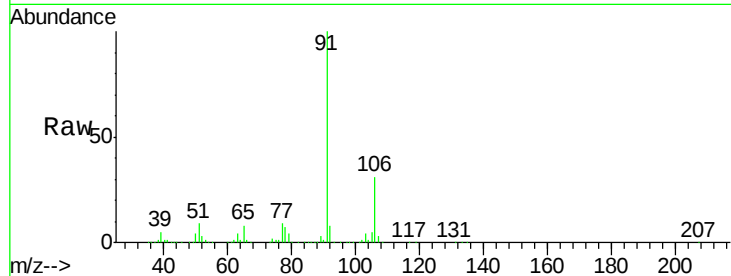
Ion Ratio Lower Upper

91 100

106 30.7 24.6 37.0

Manual Integrations
APPROVED

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12/8/2020 5:05:07 PM



#68

m/p-Xylenes

Concen: 38.832 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019748.D

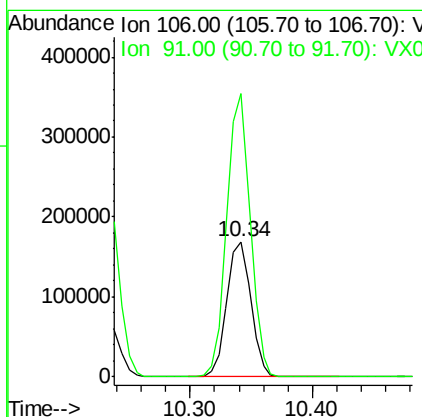
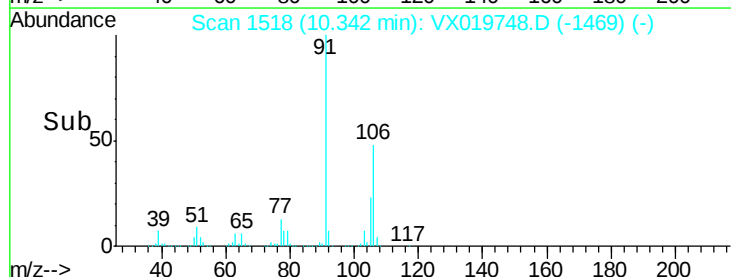
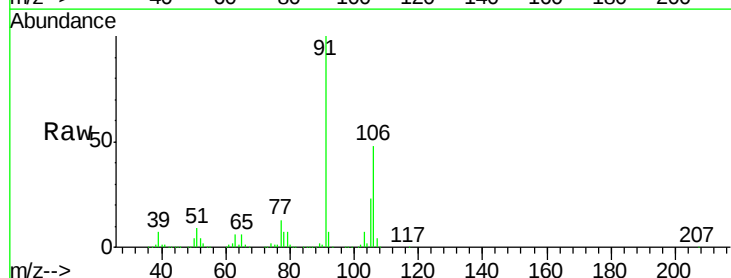
Acq: 07 Dec 2020 13:29

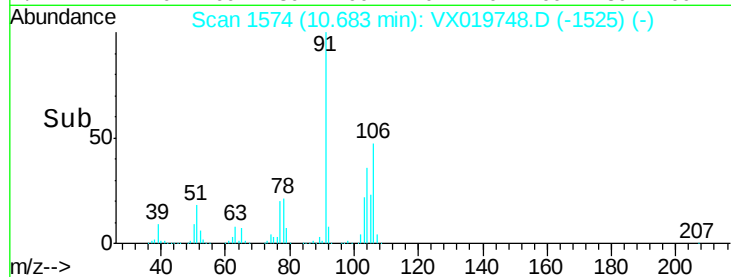
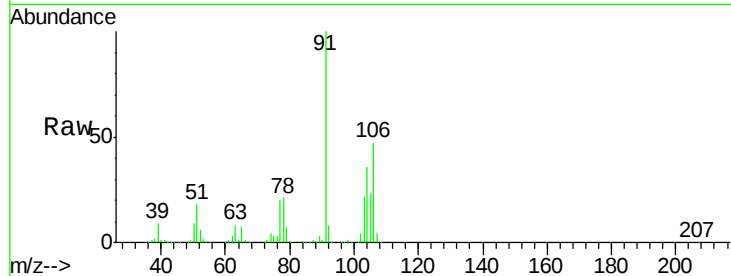
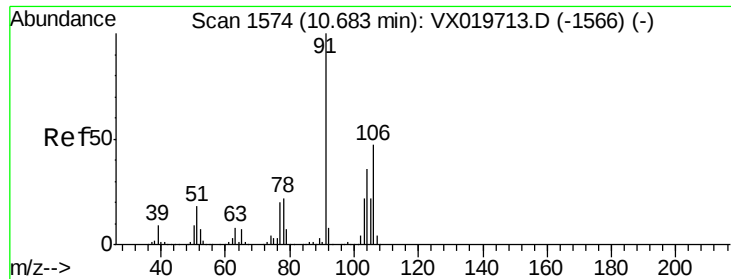
Tgt Ion: 106 Resp: 229661

Ion Ratio Lower Upper

106 100

91 204.3 162.8 244.2





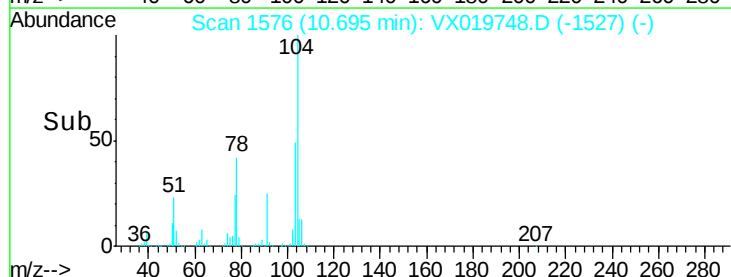
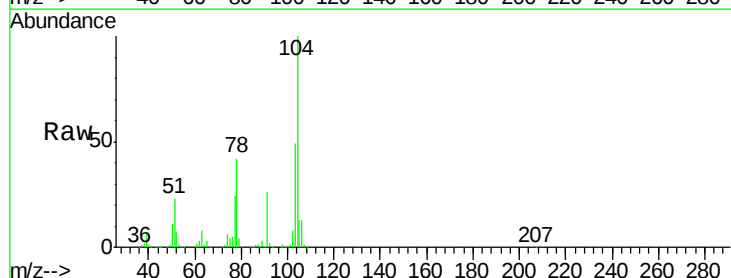
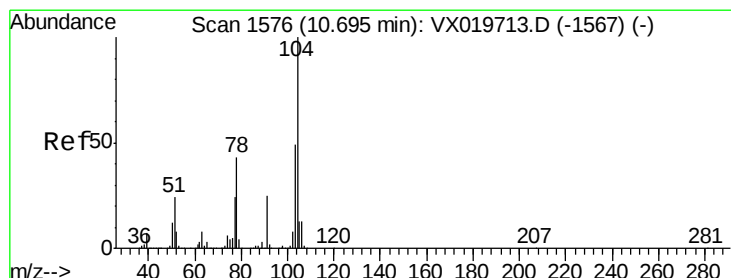
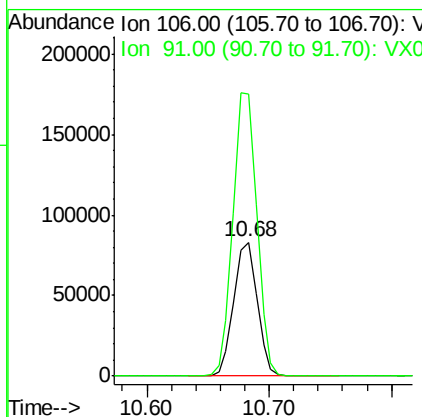
#69
o-Xylene
Concen: 19.378 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Tot Ion:106 Resp: 110244
Ion Ratio Lower Upper
106 100
91 215.8 108.1 324.2

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

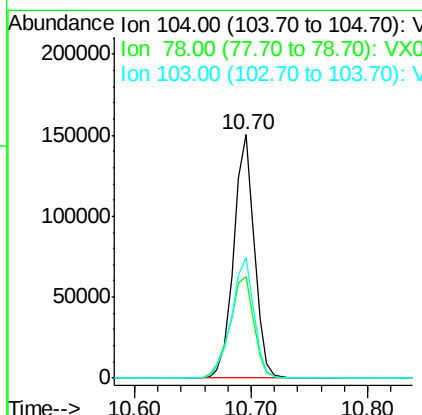
Manual Integrations
APPROVED

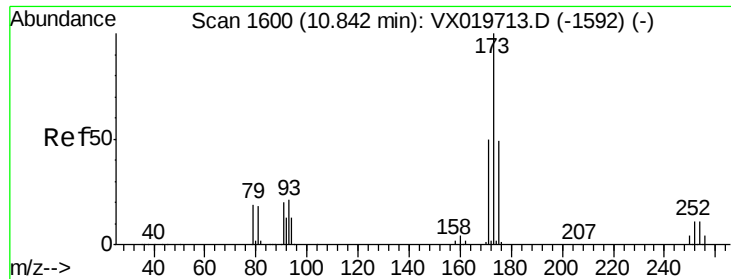
MMDadoda
12/8/2020 5:05:07 PM



#70
Styrene
Concen: 19.371 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Tgt Ion:104 Resp: 186012
Ion Ratio Lower Upper
104 100
78 48.9 40.0 60.0
103 54.0 43.4 65.0





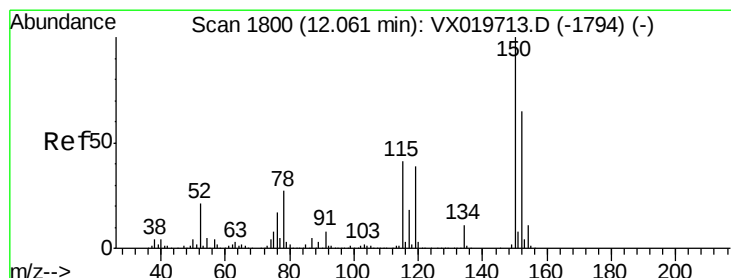
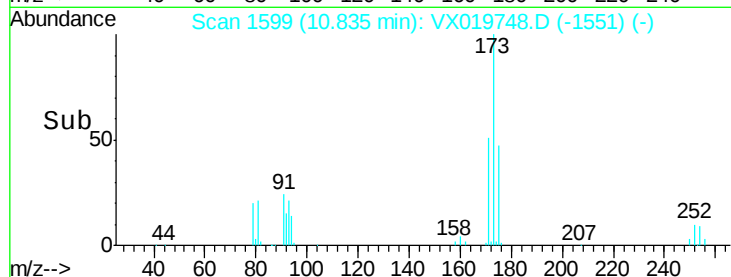
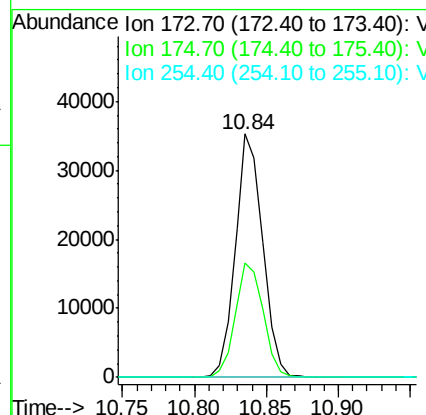
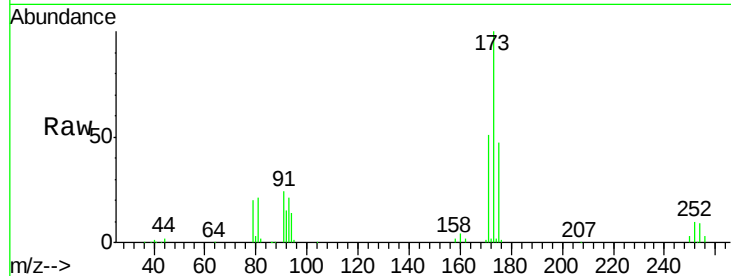
#71
Bromoform
Concen: 18.749 ug/l
RT: 10.84 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	23.9	71.8
254	0.0	0.1	0.1

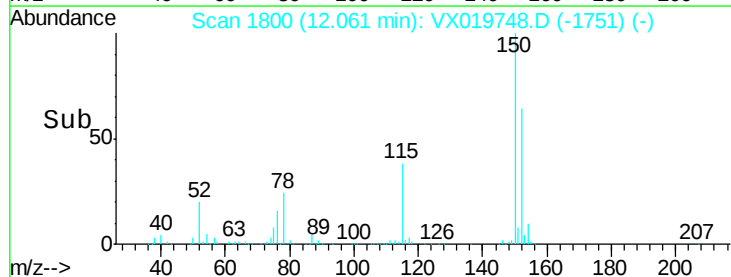
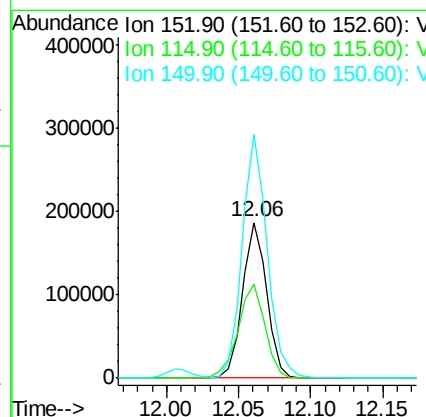
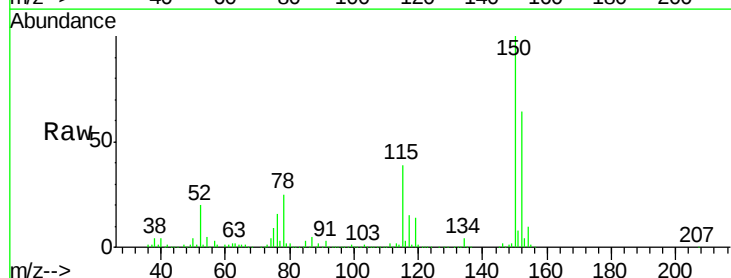
Manual Integrations
APPROVED

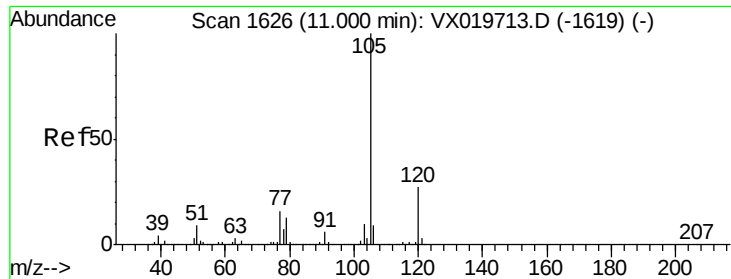
MMDadoda
12/8/2020 5:05:07 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	68.0	41.1	123.3
150	162.4	0.0	349.0





#73

Isopropylbenzene

Concen: 19.999 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019748.D

Acq: 07 Dec 2020 13:29

Instrument :

MSVOA_X

ClientSampled :

VX1207WBS01

Tot Ion: 105 Resp: 297261

Ion Ratio Lower Upper

105 100

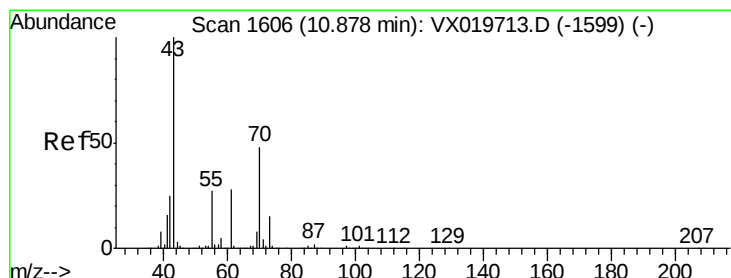
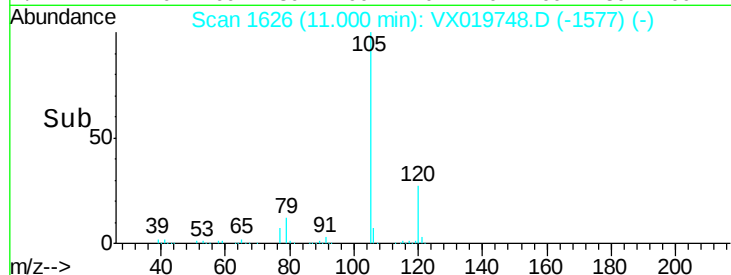
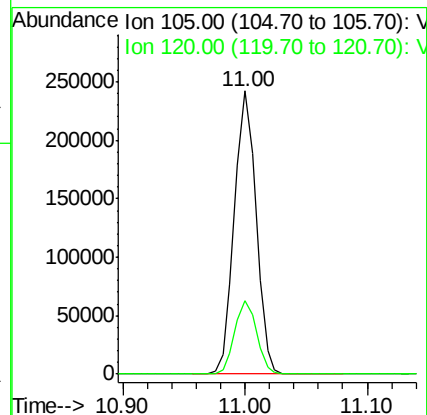
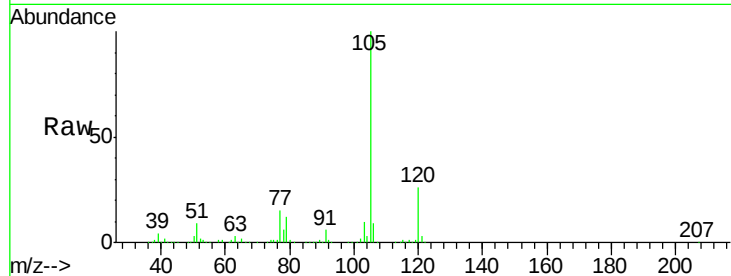
120 26.1 13.2 39.6

Manual Integrations

APPROVED

MMDadoda

12/8/2020 5:05:07 PM



#74

N-ethyl acetate

Concen: 18.221 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019748.D

Acq: 07 Dec 2020 13:29

Tgt Ion: 43 Resp: 108532

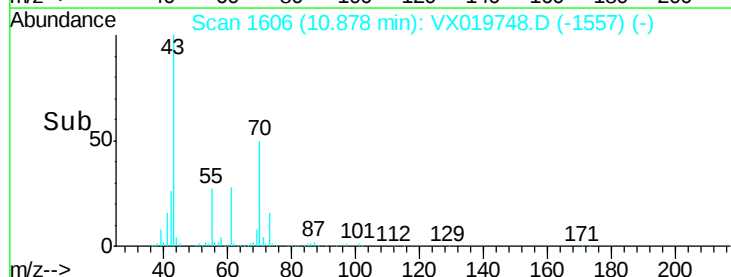
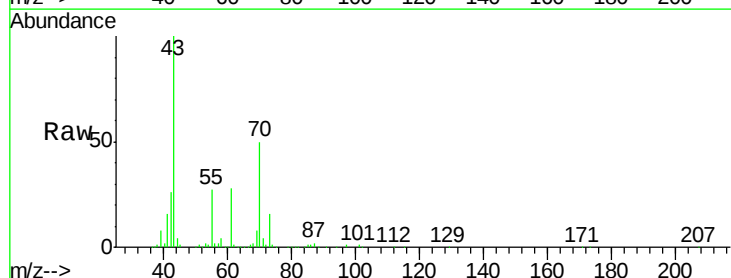
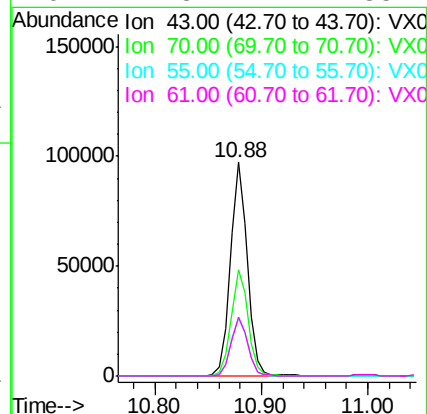
Ion Ratio Lower Upper

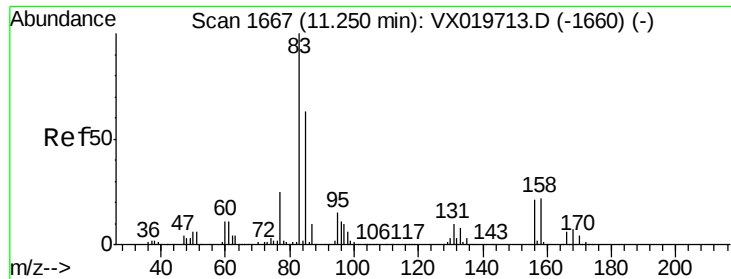
43 100

70 50.3 39.0 58.6

55 27.6 21.5 32.3

61 27.3 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.326 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019748.D

Acq: 07 Dec 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBS01

Tot Ion: 83 Resp: 101278

Ion Ratio Lower Upper

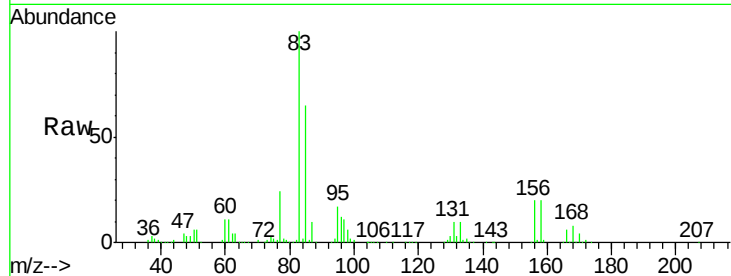
83 100

131 9.9 5.1 15.2

85 65.1 31.8 95.4

Manual Integrations
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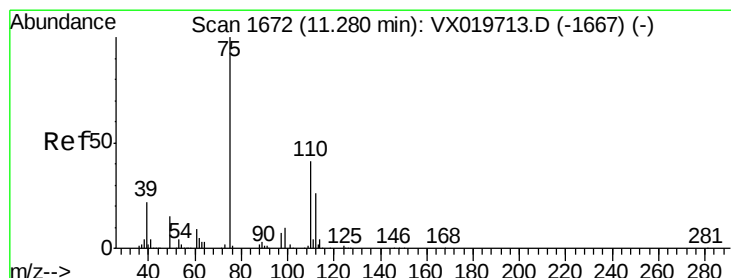
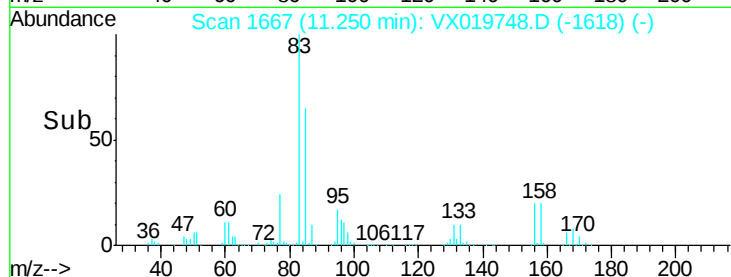
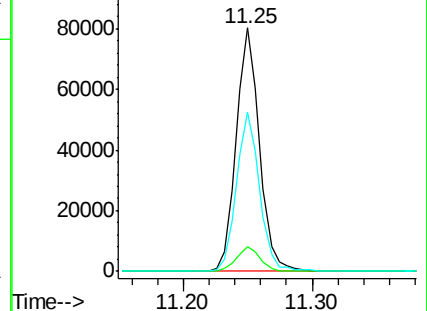
MMDadoda
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 19.360 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019748.D

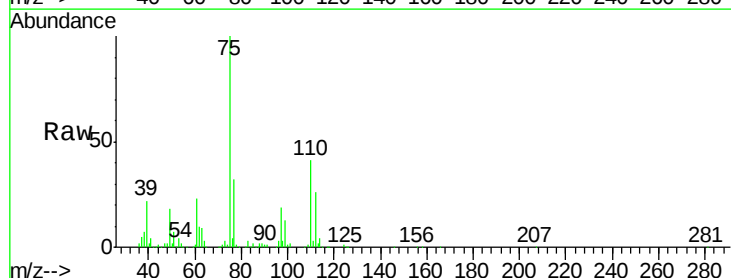
Acq: 07 Dec 2020 13:29

Tgt Ion: 75 Resp: 94468

Ion Ratio Lower Upper

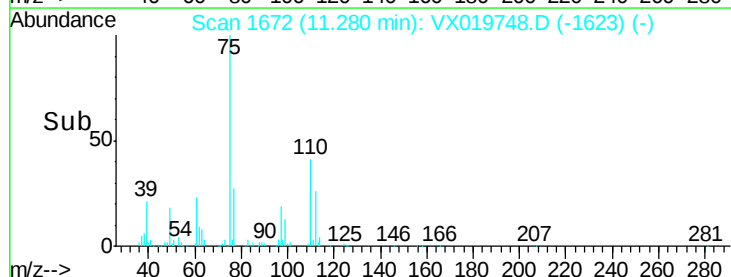
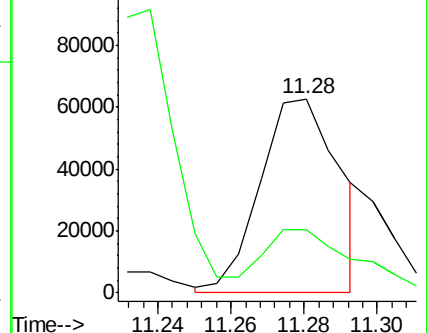
75 100

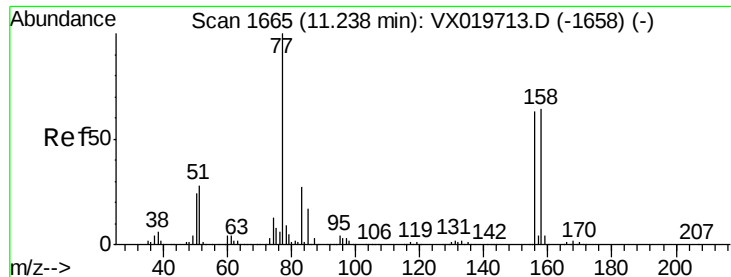
77 37.6 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.527 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019748.D

Acq: 07 Dec 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBS01

Tot Ion:156 Resp: 74277

Ion Ratio Lower Upper

156 100

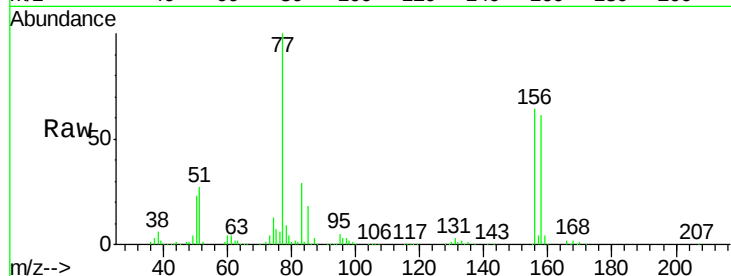
77 163.8 82.8 248.6

158 96.9 49.1 147.4

Manual Integrations
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MMDadoda

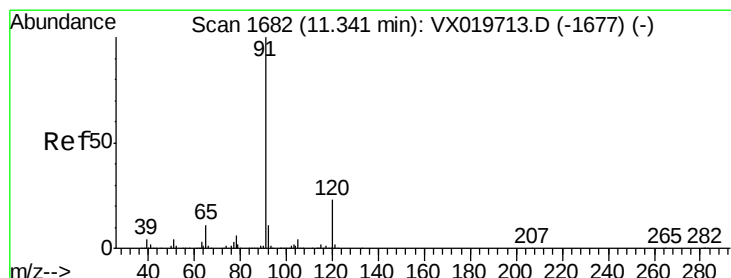
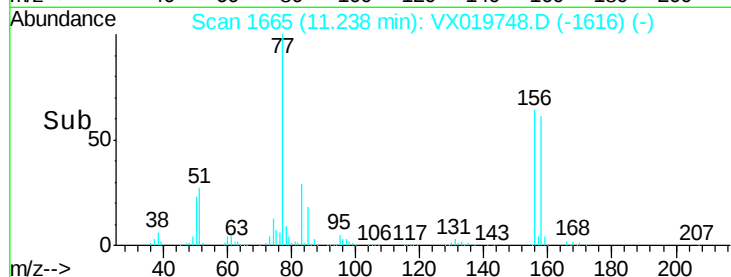
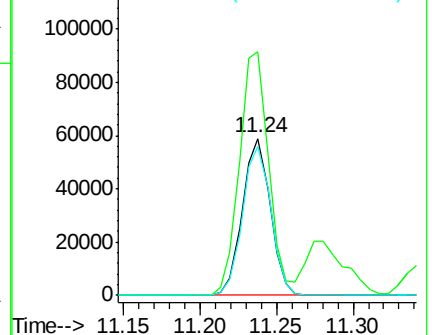
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.010 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019748.D

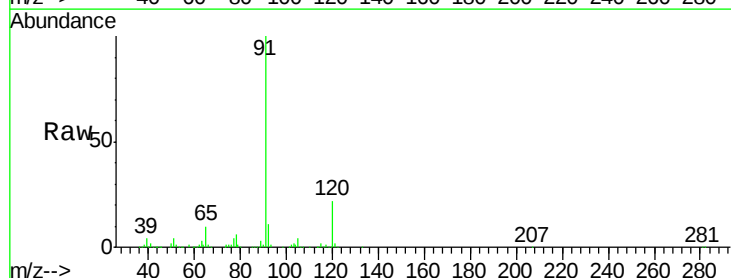
Acq: 07 Dec 2020 13:29

Tgt Ion: 91 Resp: 339698

Ion Ratio Lower Upper

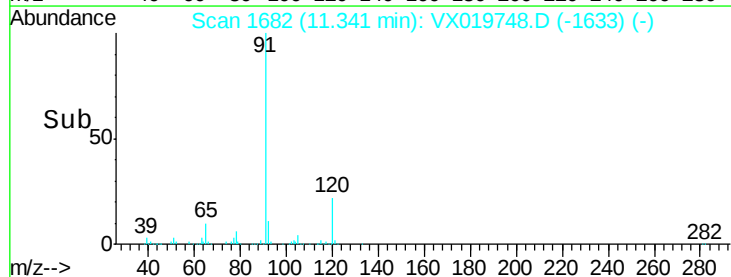
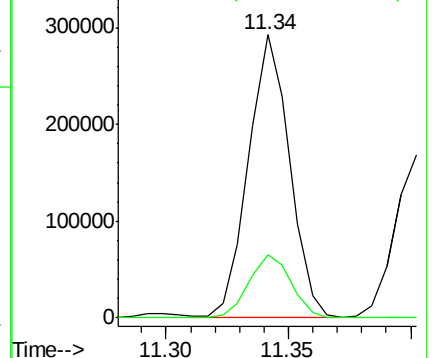
91 100

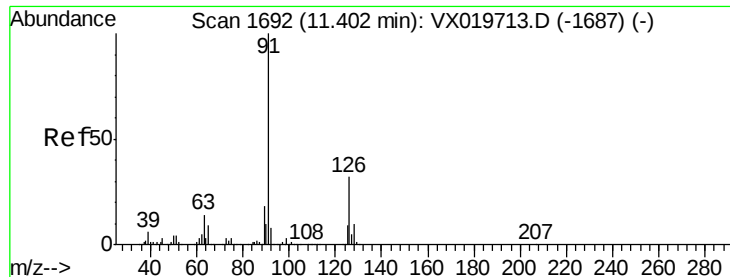
120 23.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





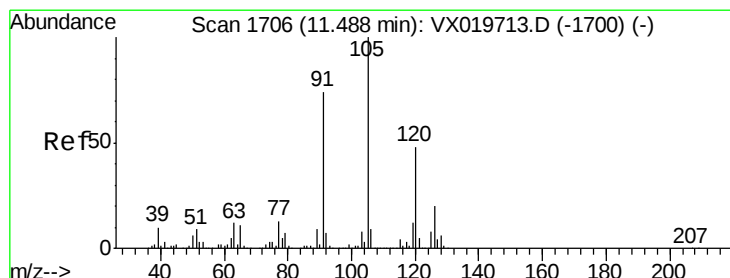
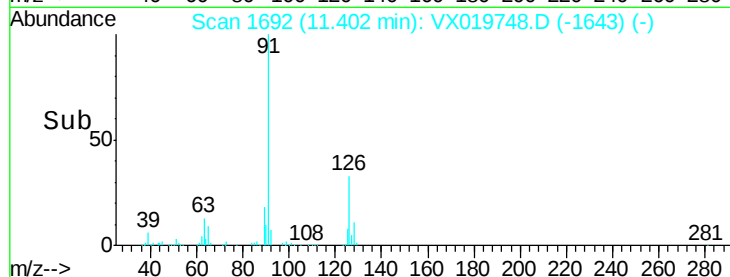
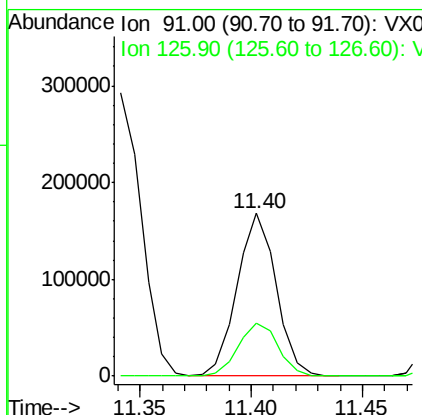
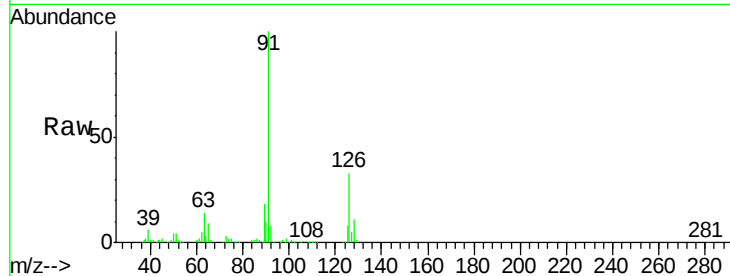
#79
 2-Chlorotoluene
 Concen: 19.552 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX019748.D
 Acq: 07 Dec 2020 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBS01

Tot Ion: 91 Resp: 204411
 Ion Ratio Lower Upper
 91 100
 126 33.7 16.6 49.8

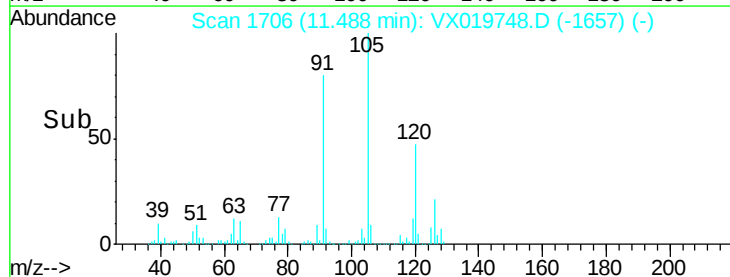
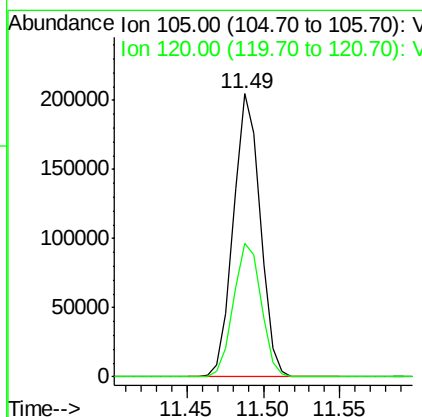
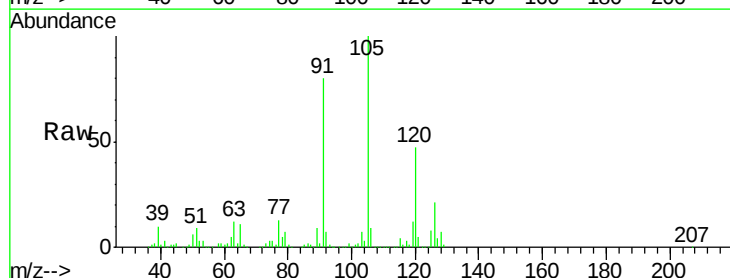
Manual Integrations
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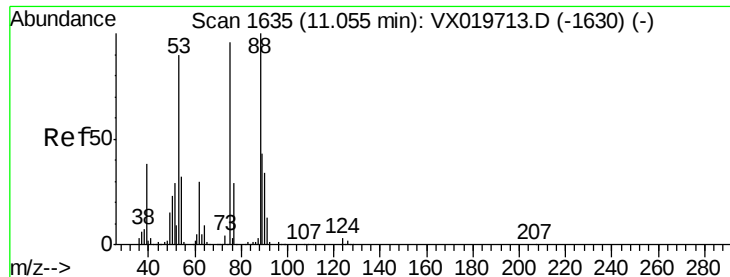
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.824 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX019748.D
 Acq: 07 Dec 2020 13:29

Tgt Ion: 105 Resp: 248681
 Ion Ratio Lower Upper
 105 100
 120 48.6 23.8 71.5





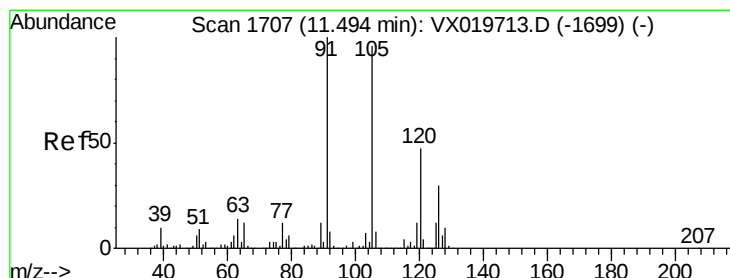
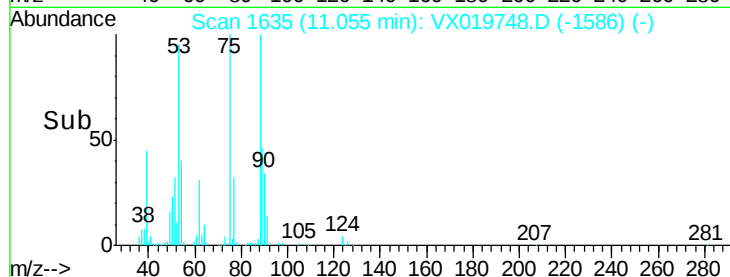
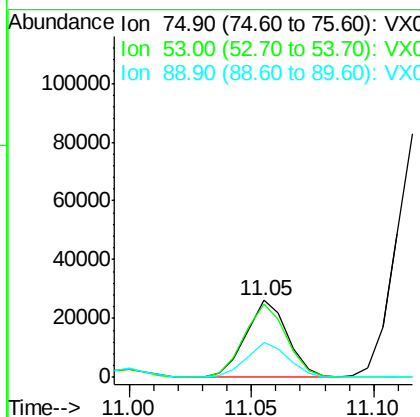
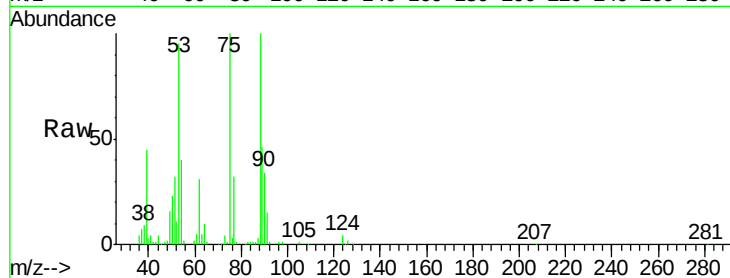
#81
trans-1,4-Dichloro-2-butene
Concen: 18.589 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.8	74.5	111.7
89	45.8	37.9	56.9

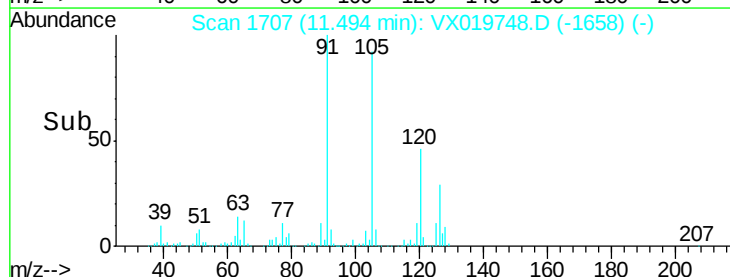
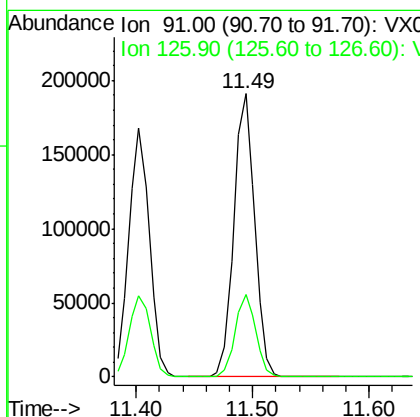
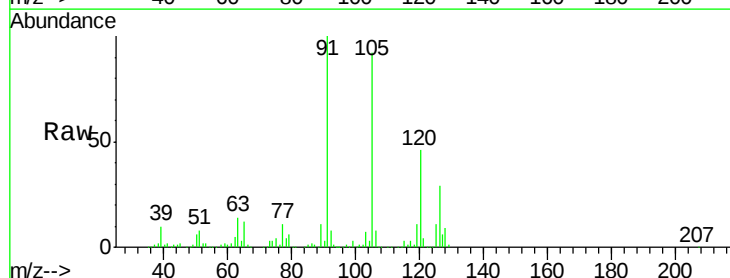
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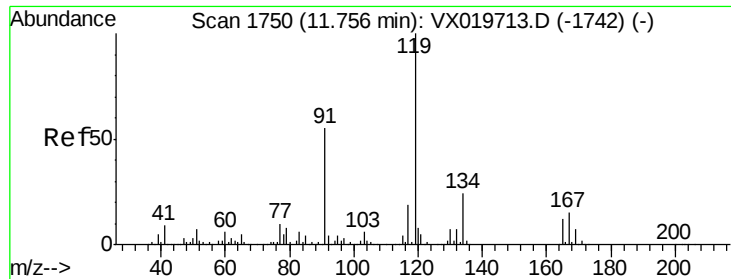
MMDadoda
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#82
4-Chlorotoluene
Concen: 19.471 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.9	44.5





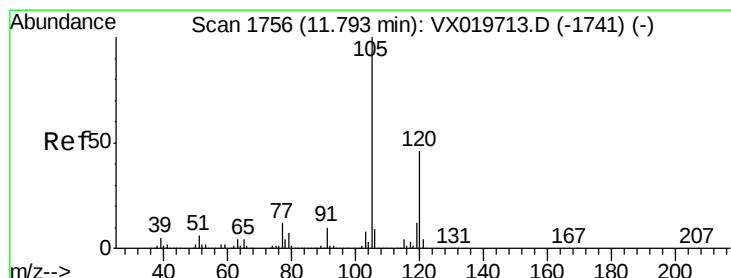
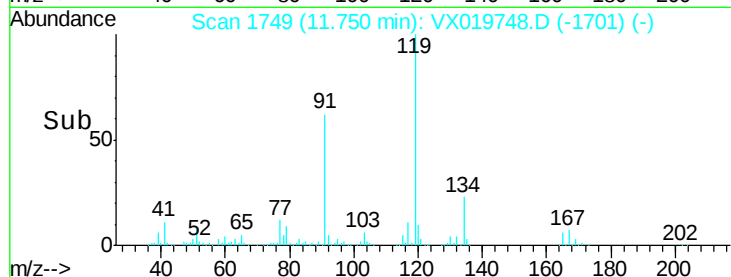
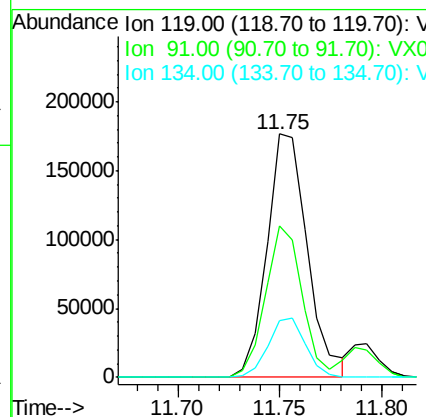
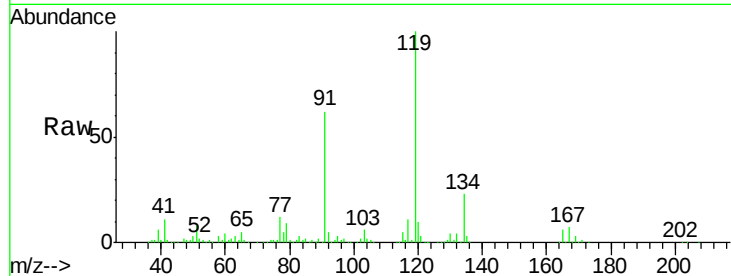
#83
tert-Butylbenzene
Concen: 19.878 ug/l
RT: 11.75 min Scan# 1749
Delta R.T. -0.01 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	244564		
91	56.4		27.9	83.7
134	22.7		11.3	33.9

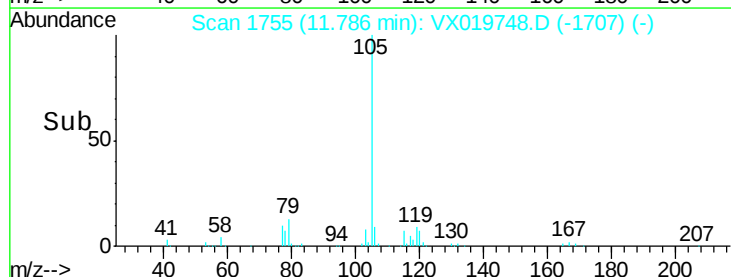
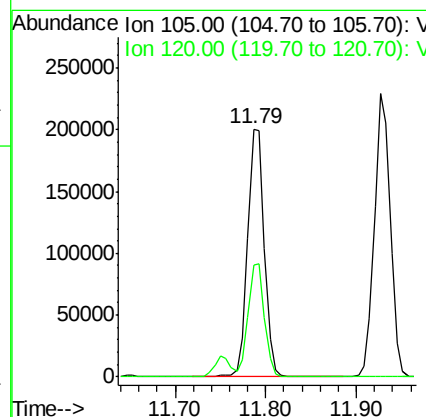
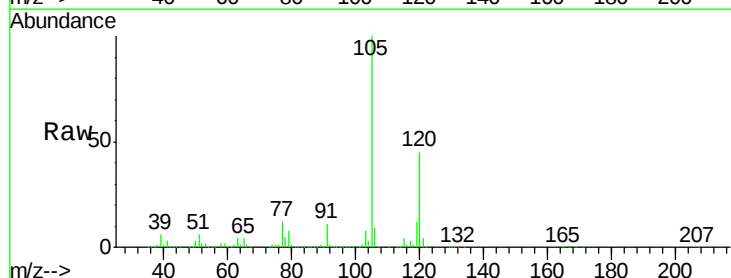
Manual Integrations
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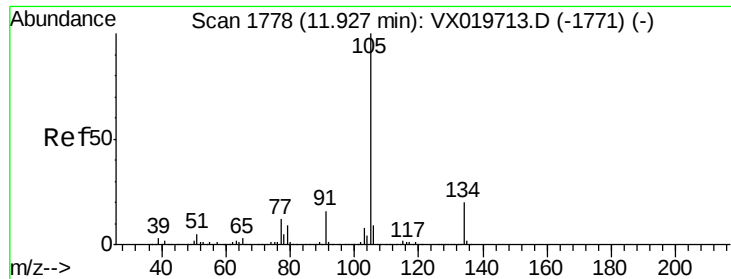
MMDadoda
12/8/2020 5:05:07 PM



#84
1,2,4-Trimethylbenzene
Concen: 20.120 ug/l
RT: 11.79 min Scan# 1755
Delta R.T. -0.01 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	254243		
120	44.7		22.4	67.3





#85

sec-Butylbenzene

Concen: 19.844 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019748.D

Acq: 07 Dec 2020 13:29

Instrument :

MSVOA_X

ClientSampled :

VX1207WBS01

Tot Ion:105 Resp: 278749

Ion Ratio Lower Upper

105 100

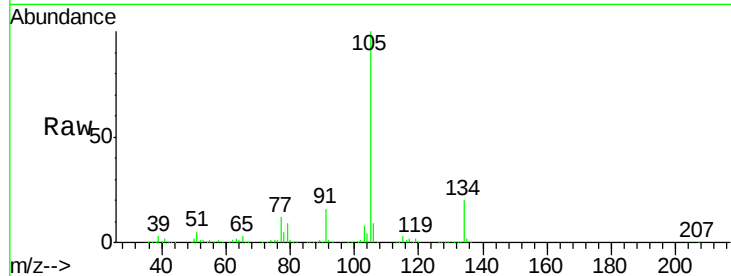
134 20.2 10.0 29.8

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

250000

200000

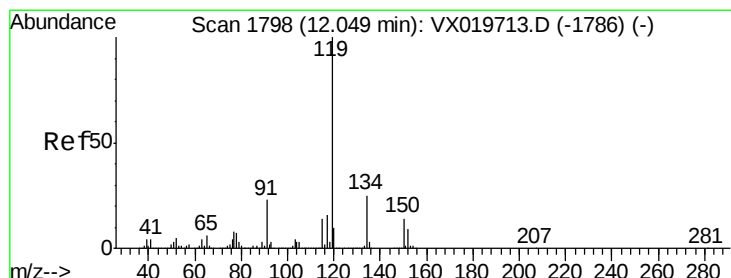
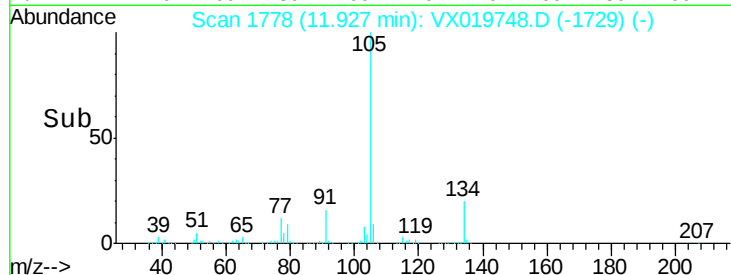
150000

100000

50000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 20.059 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019748.D

Acq: 07 Dec 2020 13:29

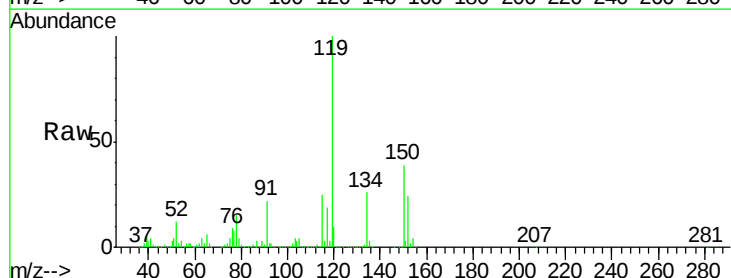
Tgt Ion:119 Resp: 258226

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.7

91 23.5 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

300000

250000

200000

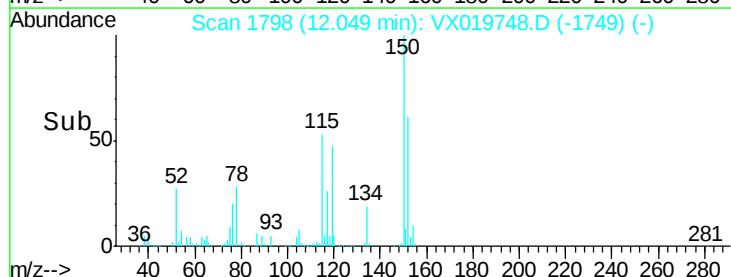
150000

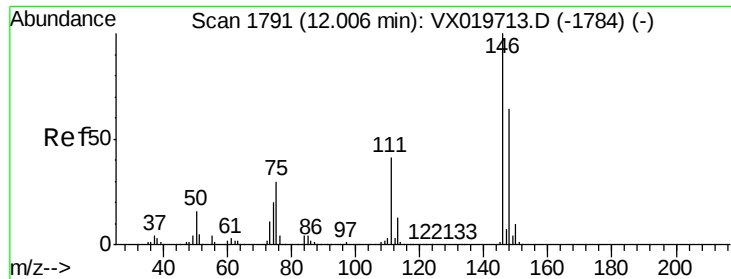
100000

50000

0

Time--> 12.00 12.10





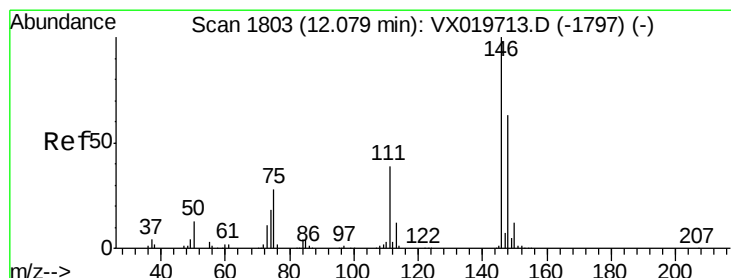
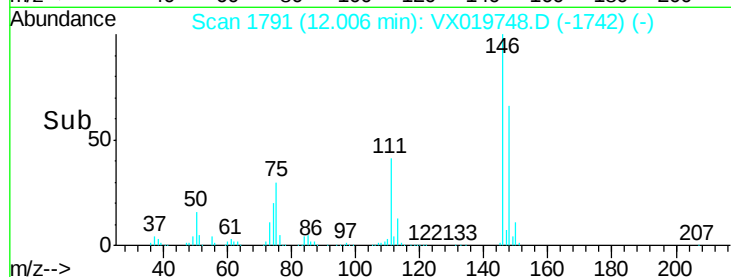
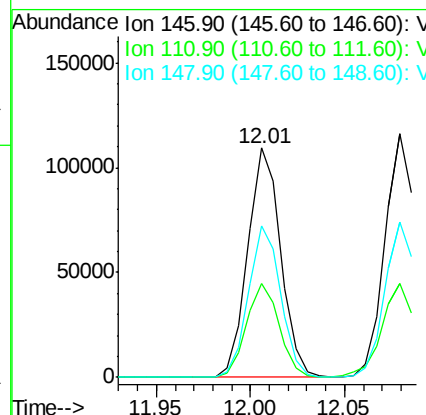
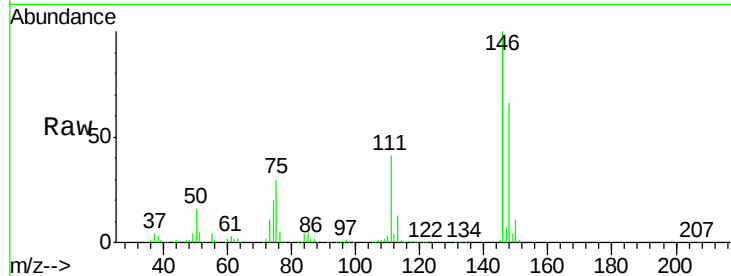
#87
 1,3-Dichlorobenzene
 Concen: 19.058 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019748.D
 Acq: 07 Dec 2020 13:29

Instrument :
 MSVOA_X
 ClientSampled :
 VX1207WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.2	60.5
148	64.4	31.9	95.7

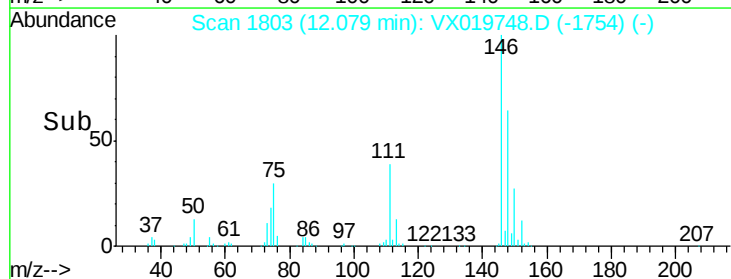
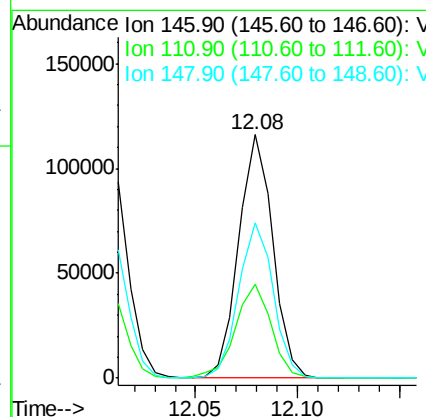
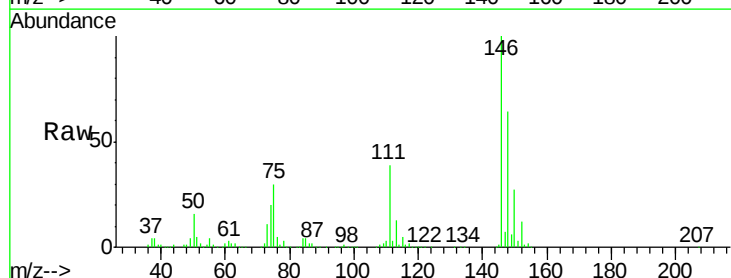
Manual Integrations
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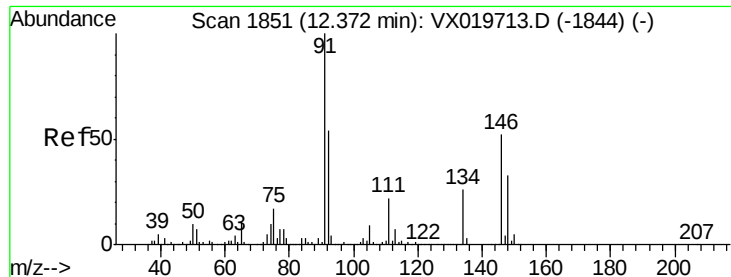
MMDadoda
 12/8/2020 5:05:07 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.900 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019748.D
 Acq: 07 Dec 2020 13:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.6	58.8
148	64.9	31.6	95.0





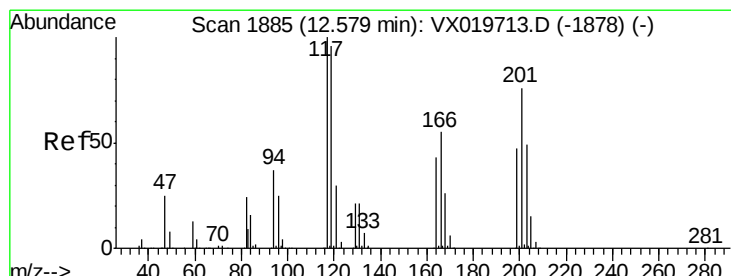
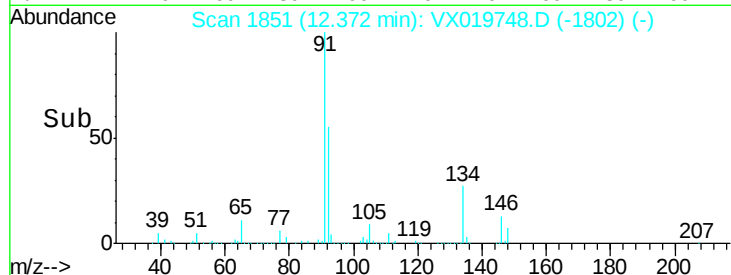
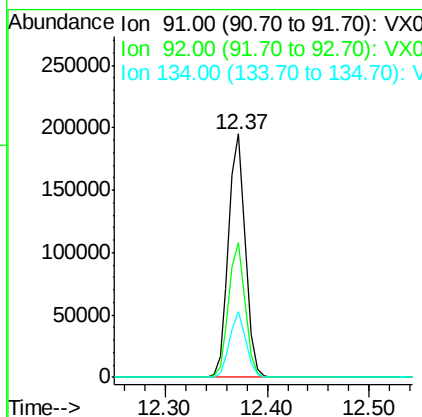
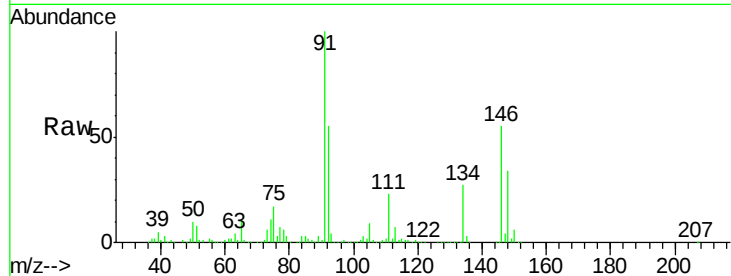
#89
n-Butylbenzene
Concen: 19.388 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.4	82.0
134	26.1	13.2	39.5

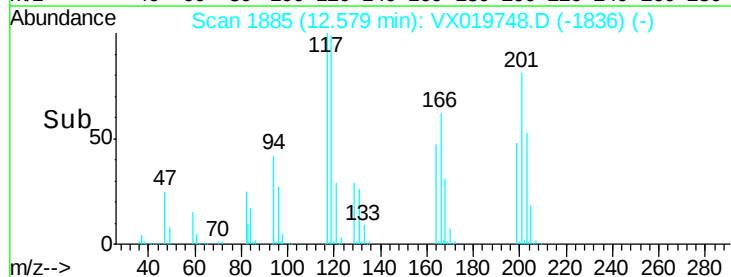
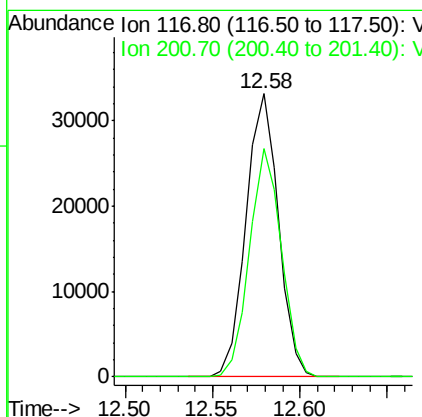
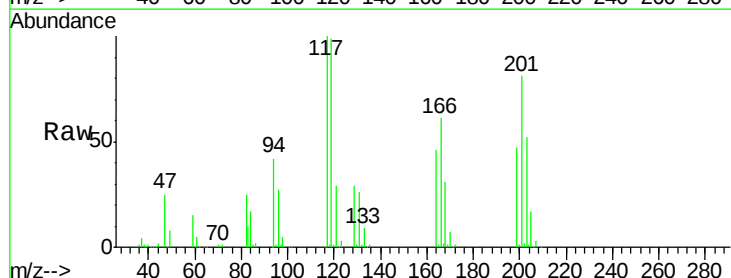
Manual Integrations
APPROVED

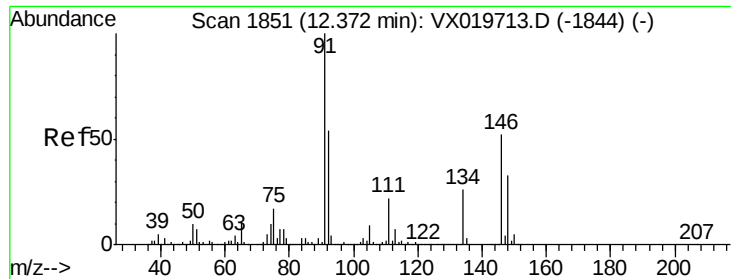
MMDadoda
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#90
Hexachloroethane
Concen: 19.229 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019748.D
Acq: 07 Dec 2020 13:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.6	40.4	121.2





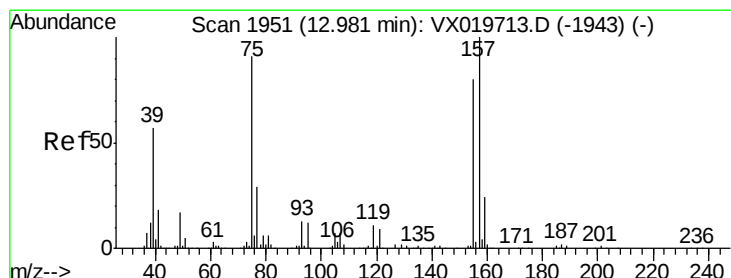
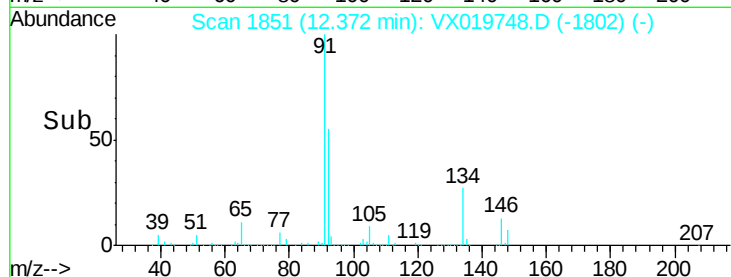
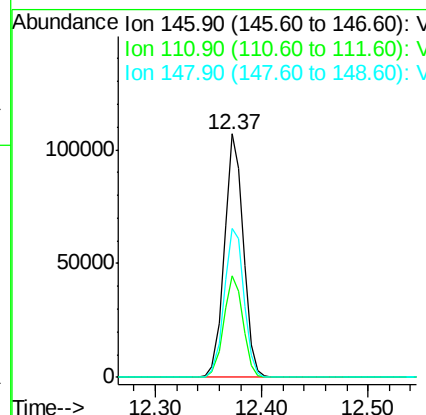
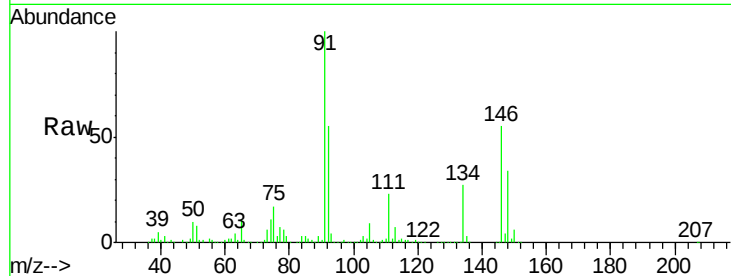
#91
 1,2-Dichlorobenzene
 Concen: 19.508 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX019748.D
 Acq: 07 Dec 2020 13:29

Instrument :
 MSVOA_X
 ClientSampled :
 VX1207WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	132767		
111	42.2	20.8	62.2	
148	63.5	31.9	95.5	

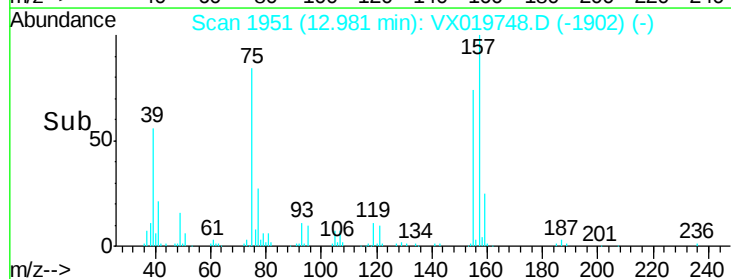
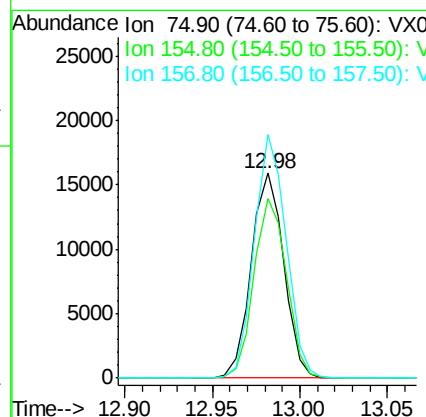
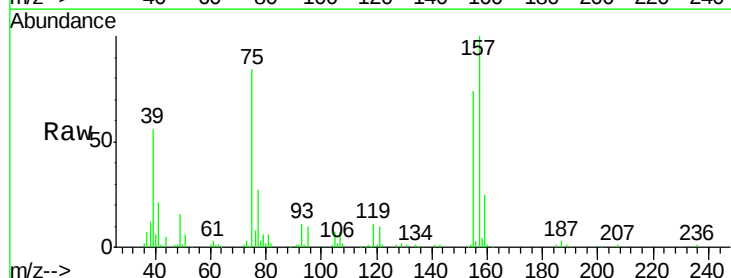
Manual Integrations
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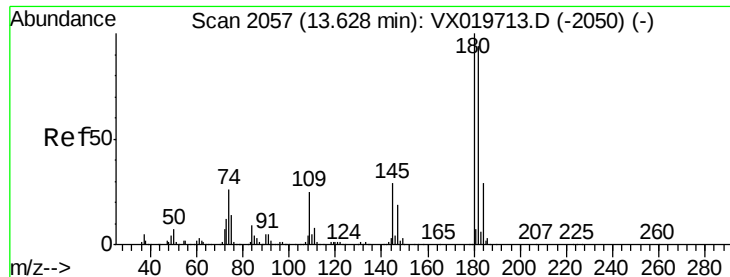
MMDadoda
 12/8/2020 5:05:07 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.236 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019748.D
 Acq: 07 Dec 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	20544		
155	87.4	45.3	135.9	
157	116.4	57.7	173.1	





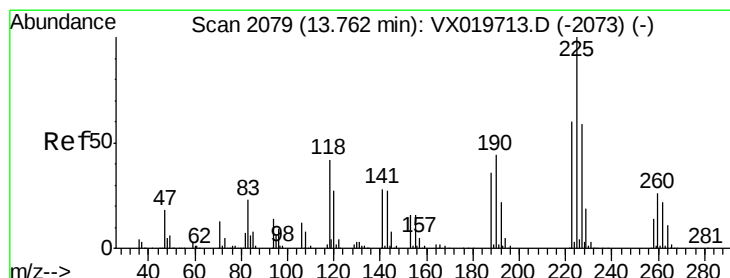
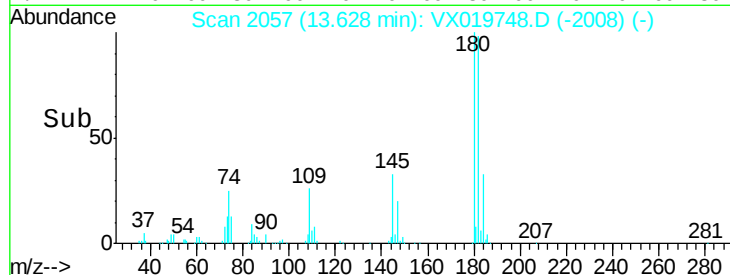
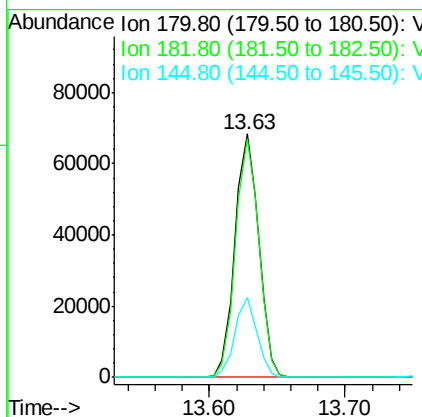
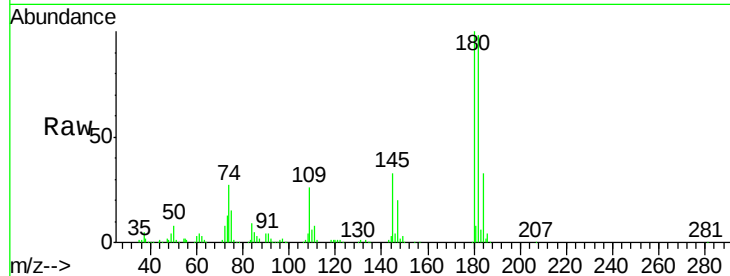
#93
 1,2,4-Trichlorobenzene
 Concen: 18.816 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019748.D
 Acq: 07 Dec 2020 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.2	47.7	143.1	
145	30.7	15.0	45.0	

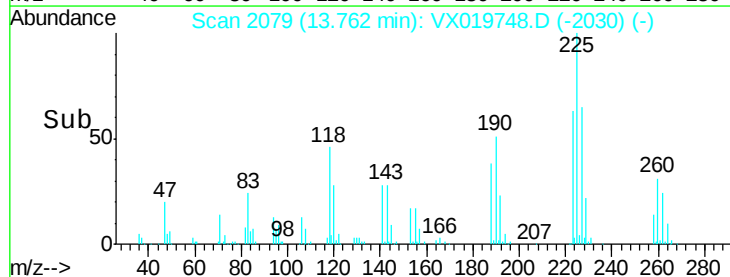
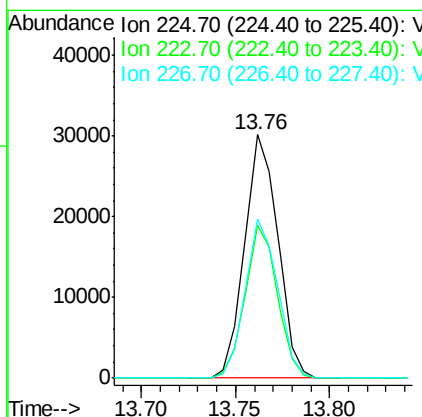
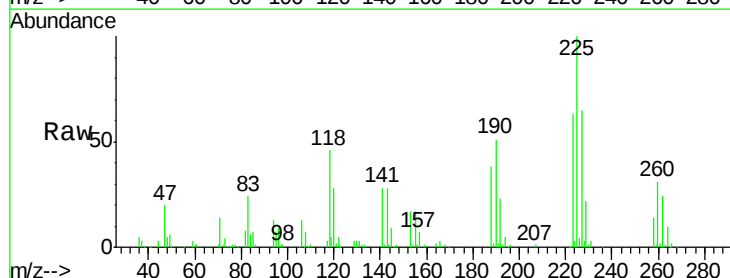
Manual Integrations
 APPROVED

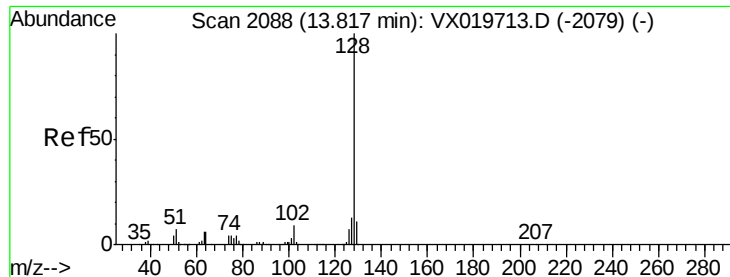
MMDadoda
 12/8/2020 5:05:07 PM



#94
 Hexachlorobutadiene
 Concen: 18.703 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019748.D
 Acq: 07 Dec 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.7	31.1	93.2	
227	63.3	31.6	95.0	





#95

Naphthalene

Concen: 18.964 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019748.D

Acq: 07 Dec 2020 13:29

Instrument :

MSVOA_X

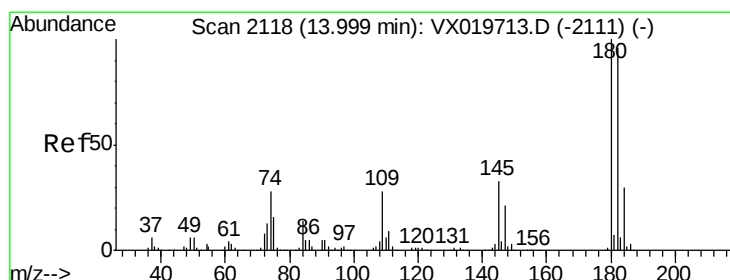
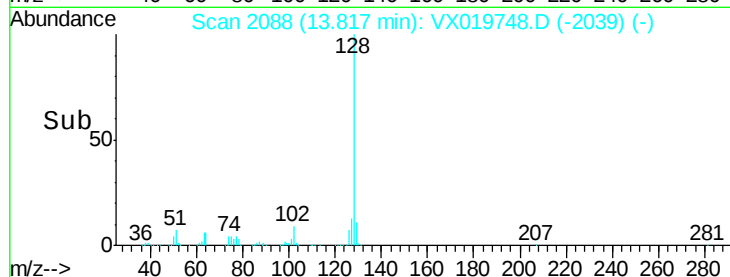
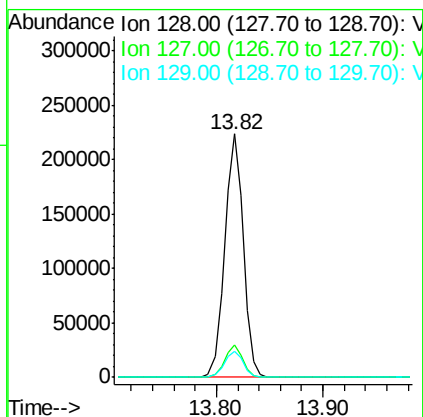
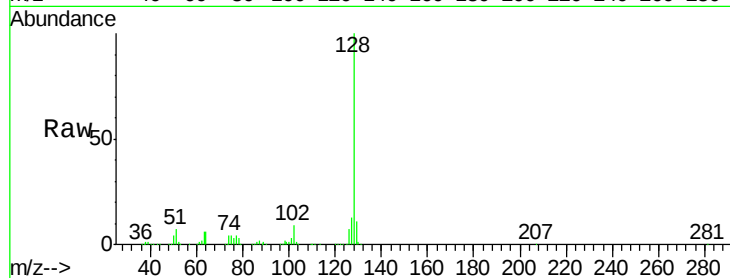
ClientSampleId :

VX1207WBS01

Tot Ion:	128	Resp:	272367
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	10.9	8.8	13.2

Manual Integrations
APPROVED

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12/8/2020 5:05:07 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.147 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX019748.D

Acq: 07 Dec 2020 13:29

Tgt Ion:	180	Resp:	82898
Ion Ratio	Lower	Upper	
180	100		
182	98.1	47.6	142.9
145	32.1	16.1	48.3

