

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121020\
 Data File : VX019813.D
 Acq On : 10 Dec 2020 10:28
 Operator : JC/MD
 Sample : VX1210WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 12:45:52 PM

Quant Time: Dec 11 01:05:28 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	292185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	472364	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	434972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	211284	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	175522	45.71	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.42%
35) Dibromofluoromethane	5.46	113	141823	46.46	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.92%
50) Toluene-d8	8.70	98	552668	47.42	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.84%
62) 4-Bromofluorobenzene	11.12	95	206932	46.65	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.30%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	50000	18.691	ug/l 97
3) Chloromethane	1.31	50	53325	16.950	ug/l 99
4) Vinyl Chloride	1.39	62	62276	18.774	ug/l 99
5) Bromomethane	1.62	94	38011	34.510	ug/l 97
6) Chloroethane	1.71	64	39220	19.682	ug/l 96
7) Trichlorofluoromethane	1.92	101	88948	19.254	ug/l 98
8) Diethyl Ether	2.17	74	35671	18.221	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	51397	19.410	ug/l 99
10) Methyl Iodide	2.49	142	57878	14.829	ug/l 99
11) Tert butyl alcohol	3.01	59	71274	88.593	ug/l 100
12) 1,1-Dichloroethene	2.36	96	49662	18.551	ug/l 98
13) Acrolein	2.27	56	32357	76.335	ug/l 99
14) Allyl chloride	2.70	41	82480	18.243	ug/l 100
15) Acrylonitrile	3.11	53	160202	92.280	ug/l 99
16) Acetone	2.42	43	136700	94.705	ug/l 98
17) Carbon Disulfide	2.55	76	130286	16.961	ug/l 98
18) Methyl Acetate	2.75	43	67911	19.226	ug/l 99
19) Methyl tert-butyl Ether	3.16	73	184842	18.959	ug/l 100
20) Methylene Chloride	2.83	84	64109	18.560	ug/l 98
21) trans-1,2-Dichloroethene	3.14	96	58331	18.690	ug/l 98
22) Diisopropyl ether	3.82	45	176561	19.314	ug/l 98
23) Vinyl Acetate	3.78	43	732110	94.004	ug/l 100
24) 1,1-Dichloroethane	3.67	63	105639	19.163	ug/l 99
25) 2-Butanone	4.62	43	205019	92.436	ug/l 99
26) 2,2-Dichloropropane	4.55	77	88569	18.657	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	68079	18.639	ug/l 99
28) Bromochloromethane	4.98	49	46599	17.733	ug/l 100
29) Tetrahydrofuran	5.08	42	127731	89.384	ug/l 99
30) Chloroform	5.17	83	109097	19.247	ug/l 98
31) Cyclohexane	5.54	56	89588	18.755	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	93189	19.091	ug/l 100
36) 1,1-Dichloropropene	5.76	75	80510	18.862	ug/l 99
37) Ethyl Acetate	4.79	43	78328	18.175	ug/l 99
38) Carbon Tetrachloride	5.75	117	78970	18.893	ug/l 100

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

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 12/11/2020 12:45:52 PM

Quant Time: Dec 11 01:05:28 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	7.44	83	94015	18.747	ug/l	99
40) Benzene	6.10	78	247589	18.989	ug/l	99
41) Methacrylonitrile	4.99	41	43863	18.537	ug/l	99
42) 1,2-Dichloroethane	6.15	62	85395	19.169	ug/l	99
43) Isopropyl Acetate	6.40	43	126122	18.000	ug/l	100
44) Trichloroethene	7.18	130	63997	18.707	ug/l	97
45) 1,2-Dichloropropane	7.48	63	61900	18.995	ug/l	96
46) Dibromomethane	7.63	93	41695	18.946	ug/l	100
47) Bromodichloromethane	7.87	83	82110	18.803	ug/l	99
48) Methyl methacrylate	7.74	41	61807	17.936	ug/l	99
49) 1,4-Dioxane	7.71	88	29330	351.352	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	396880	92.776	ug/l	100
52) Toluene	8.76	92	151869	18.623	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	87755	18.109	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	97351	18.492	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	62806	19.111	ug/l	98
56) Ethyl methacrylate	9.15	69	91226	18.347	ug/l	100
57) 1,3-Dichloropropane	9.35	76	105621	18.822	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	247424	93.933	ug/l	99
59) 2-Hexanone	9.47	43	300475	90.617	ug/l	99
60) Dibromochloromethane	9.56	129	62653	18.765	ug/l	100
61) 1,2-Dibromoethane	9.65	107	65340	18.724	ug/l	98
64) Tetrachloroethene	9.32	164	58823	20.166	ug/l	97
65) Chlorobenzene	10.12	112	161440	18.629	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	60284	19.327	ug/l	98
67) Ethyl Benzene	10.23	91	288316	18.743	ug/l	99
68) m/p-Xylenes	10.34	106	220376	38.020	ug/l	100
69) o-Xylene	10.68	106	104704	18.779	ug/l	99
70) Styrene	10.70	104	177368	18.847	ug/l	99
71) Bromoform	10.84	173	43763	17.835	ug/l	100
73) Isopropylbenzene	11.00	105	286345	19.837	ug/l	99
74) N-amyl acetate	10.88	43	101389	17.527	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	97409	19.141	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	90117m	19.017	ug/l	
77) Bromobenzene	11.24	156	71281	19.296	ug/l	97
78) n-propylbenzene	11.34	91	325301	19.731	ug/l	100
79) 2-Chlorotoluene	11.40	91	197751	19.477	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	238755	19.598	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	28773	17.553	ug/l	96
82) 4-Chlorotoluene	11.49	91	228038	19.178	ug/l	99
83) tert-Butylbenzene	11.76	119	232183	19.433	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	241994	19.720	ug/l	99
85) sec-Butylbenzene	11.93	105	268882	19.711	ug/l	99
86) p-Isopropyltoluene	12.05	119	248119	19.846	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	129820	19.148	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	129648	18.775	ug/l	99
89) n-Butylbenzene	12.37	91	212098	19.149	ug/l	99
90) Hexachloroethane	12.58	117	39689	18.388	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	127057	19.224	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20303	18.558	ug/l	94

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Manual Integrations
APPROVED

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12/11/2020 12:45:52 PM

Quant Time: Dec 11 01:05:28 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	82516	19.179	ug/l	99
94) Hexachlorobutadiene	13.76	225	37187	19.339	ug/l	97
95) Naphthalene	13.82	128	261455	18.745	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	82921	19.721	ug/l	99

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

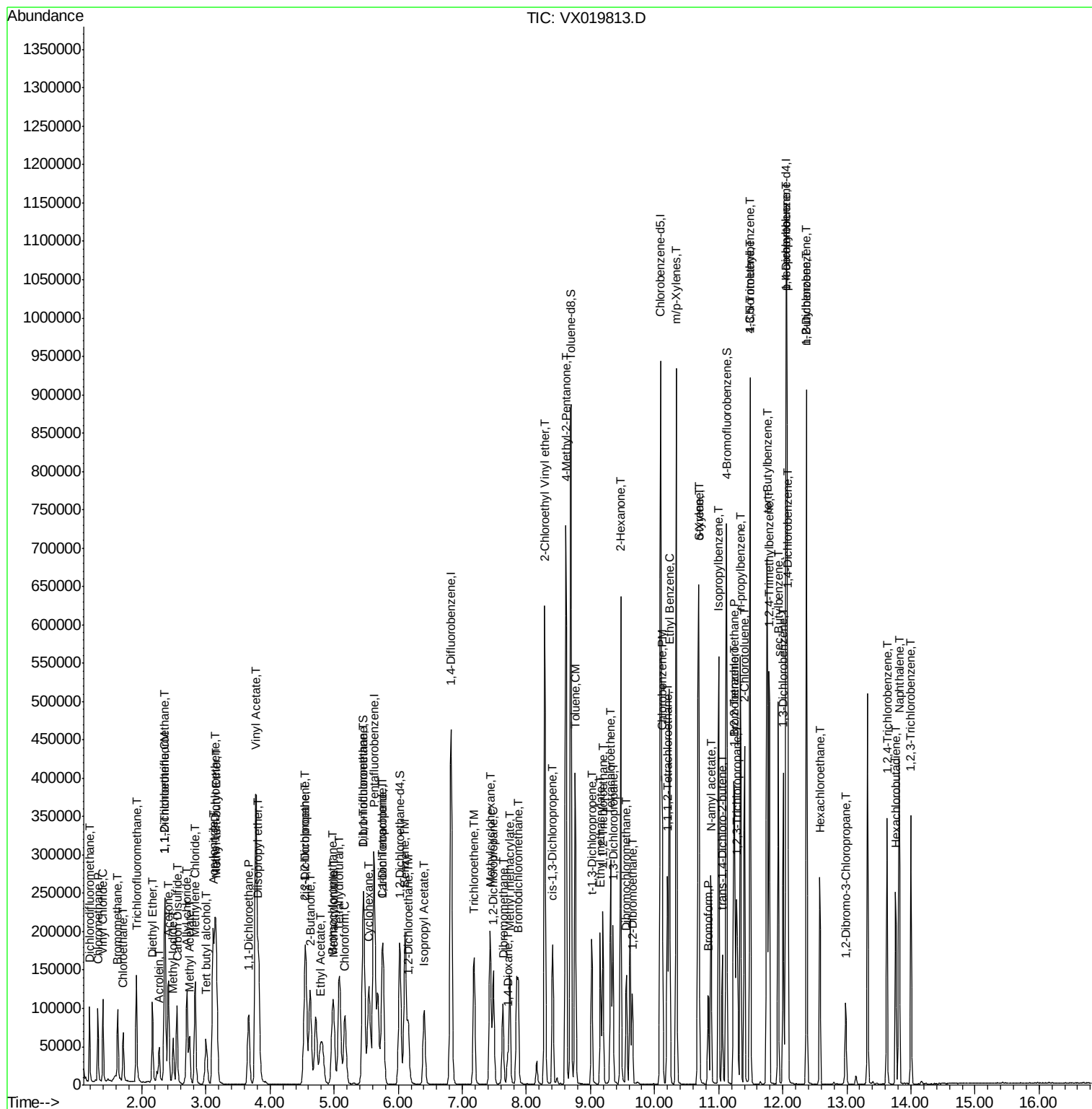
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Data File : VX019813.D
Acq On : 10 Dec 2020 10:28
Operator : JC/MD
Sample : VX1210WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

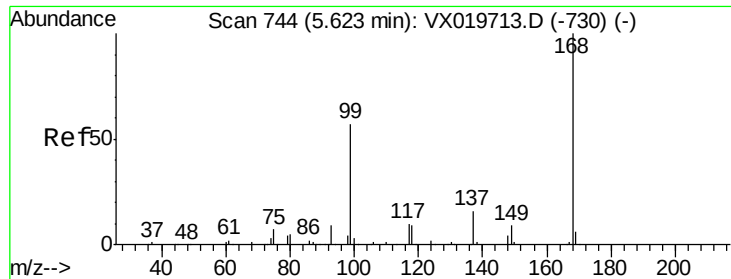
Instrument :
MSVOA_X
Client Sampled :
VX1210WBS01

Manual Integrations
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12/11/2020 12:45:52 PM

Quant Time: Dec 11 01:05:28 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion:168 Resp: 292185

Ion Ratio Lower Upper

168 100

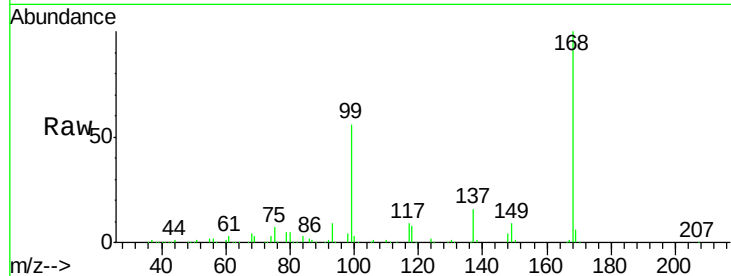
99 55.5 45.8 68.6

Manual Integrations

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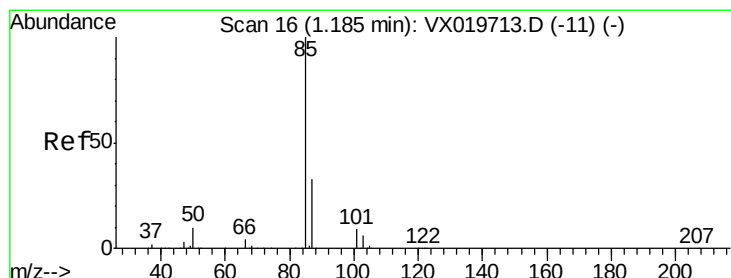
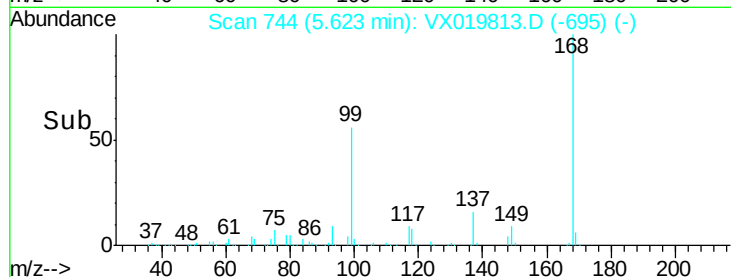
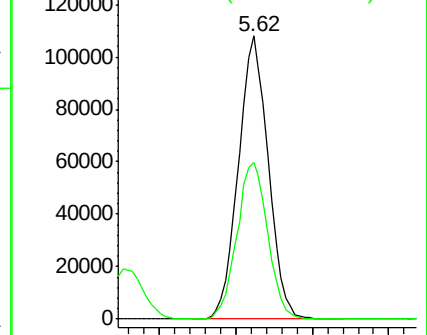
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.691 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019813.D

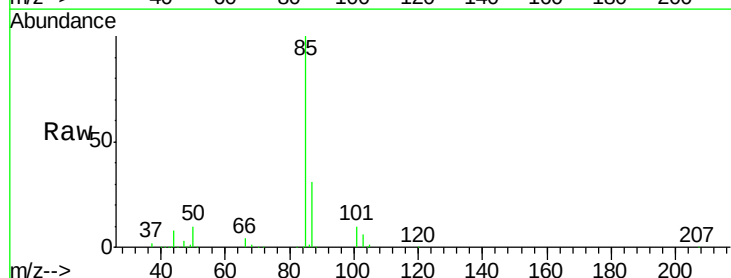
Acq: 10 Dec 2020 10:28

Tgt Ion: 85 Resp: 50000

Ion Ratio Lower Upper

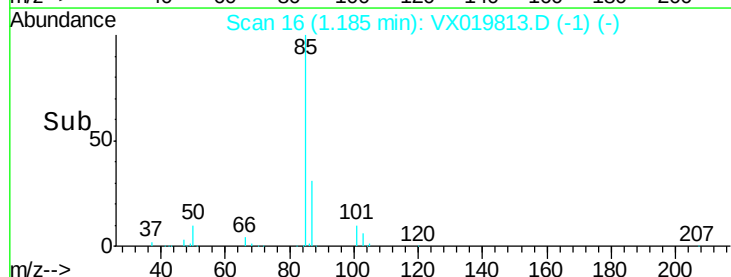
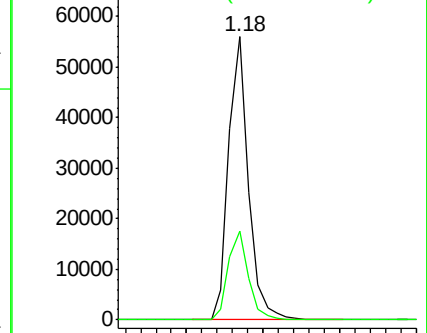
85 100

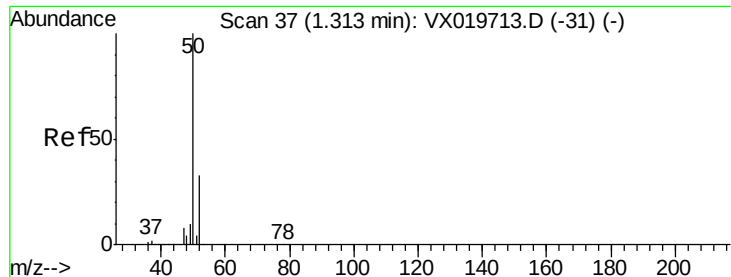
87 31.4 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.950 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion: 50 Resp: 53325

Ion Ratio Lower Upper

50 100

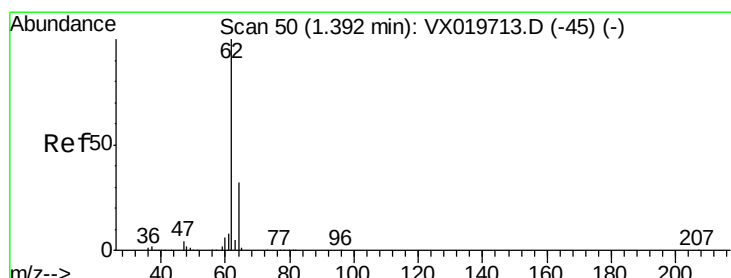
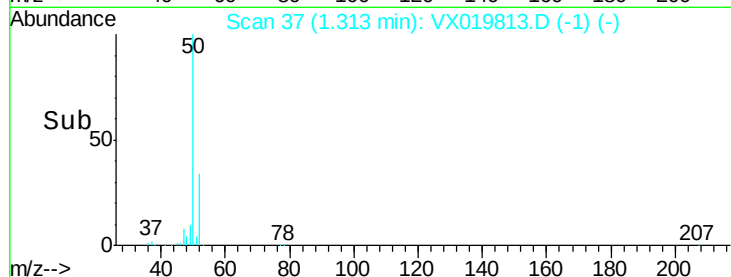
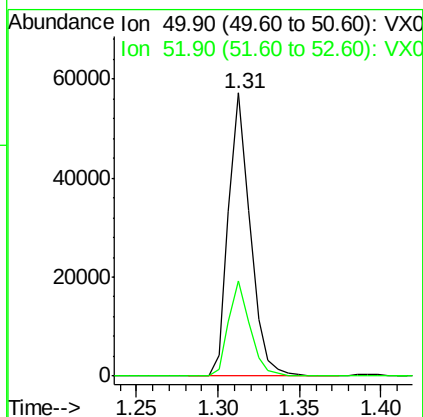
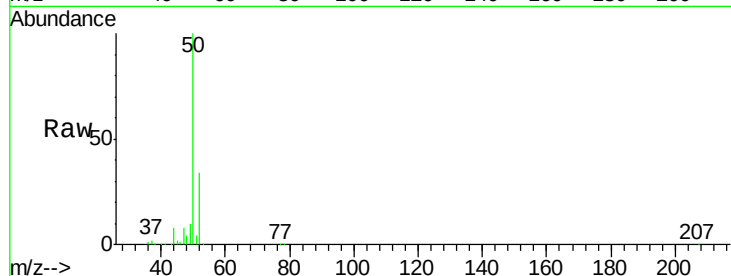
52 33.6 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.774 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019813.D

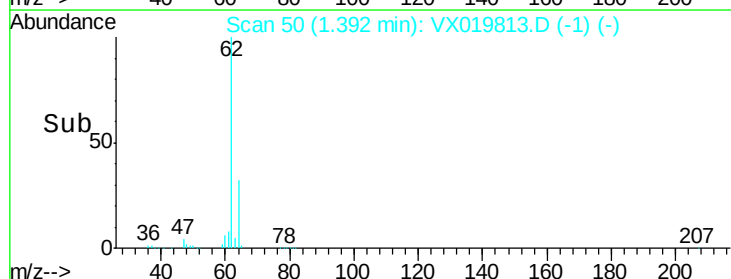
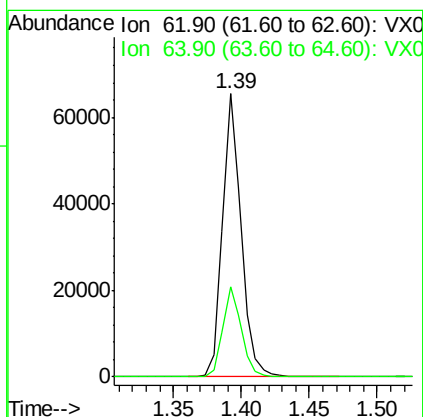
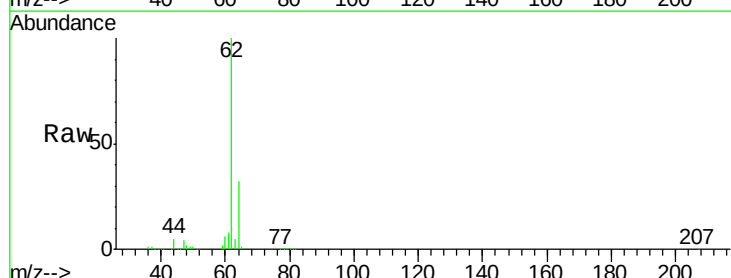
Acq: 10 Dec 2020 10:28

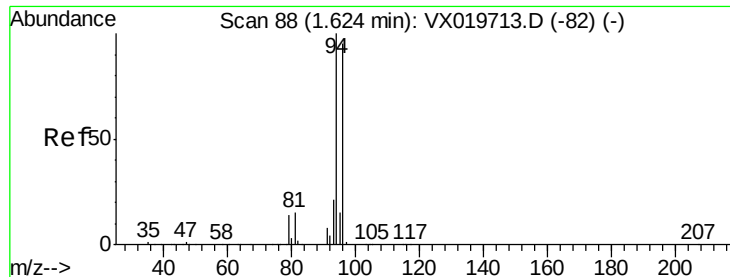
Tgt Ion: 62 Resp: 62276

Ion Ratio Lower Upper

62 100

64 31.6 25.7 38.5





#5

Bromomethane

Concen: 34.510 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion: 94 Resp: 38011

Ion Ratio Lower Upper

94 100

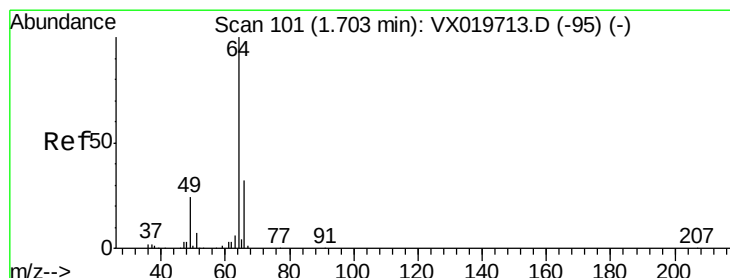
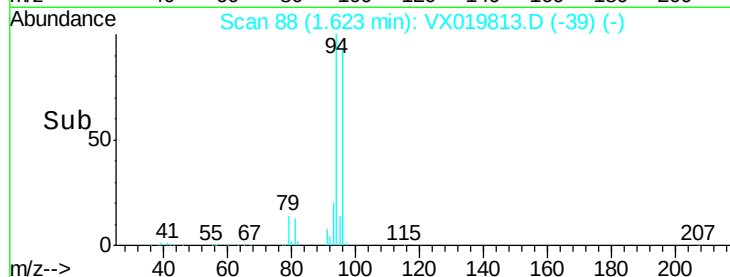
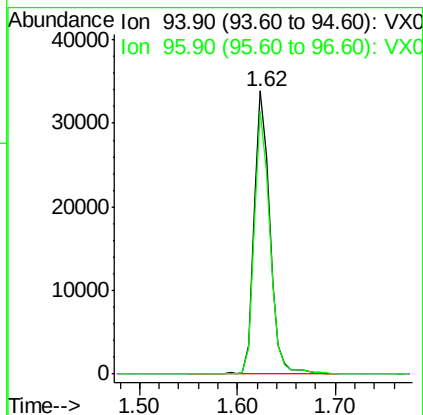
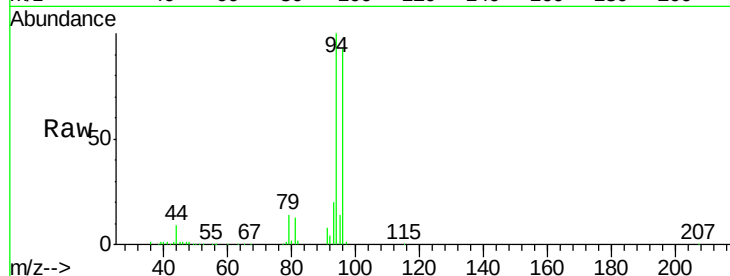
96 93.0 76.4 114.6

Manual Integrations

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#6

Chloroethane

Concen: 19.682 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX019813.D

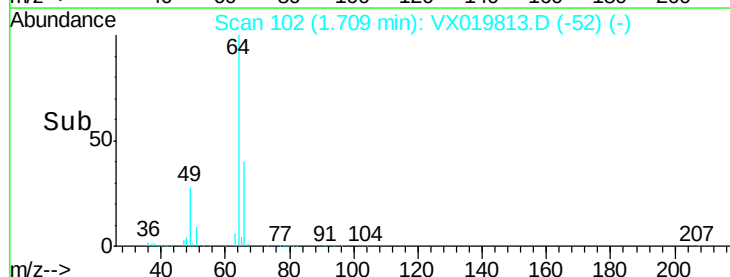
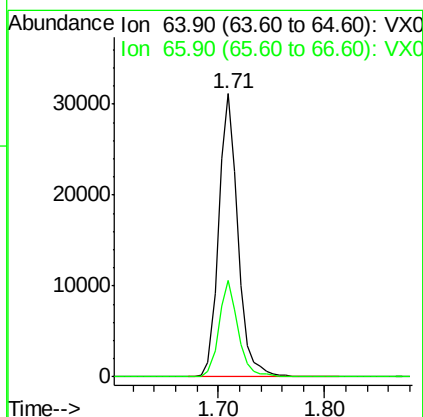
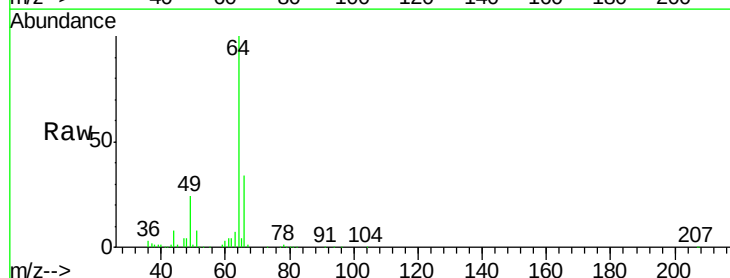
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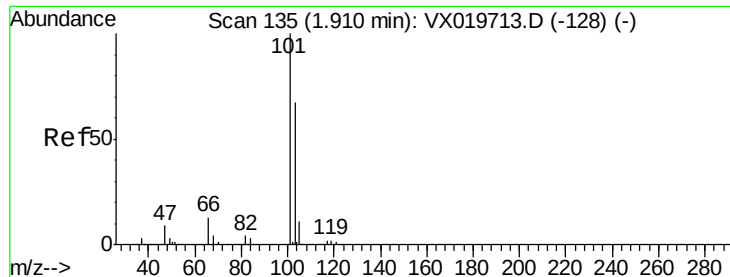
Tgt Ion: 64 Resp: 39220

Ion Ratio Lower Upper

64 100

66 34.1 25.4 38.0





#7

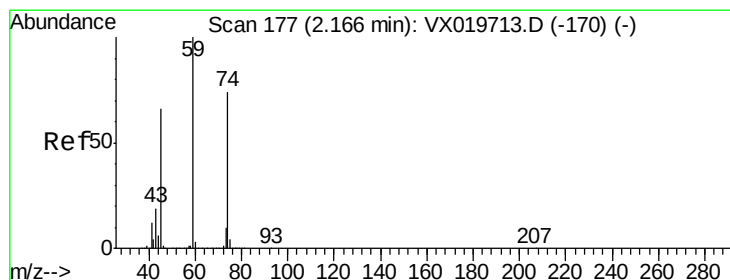
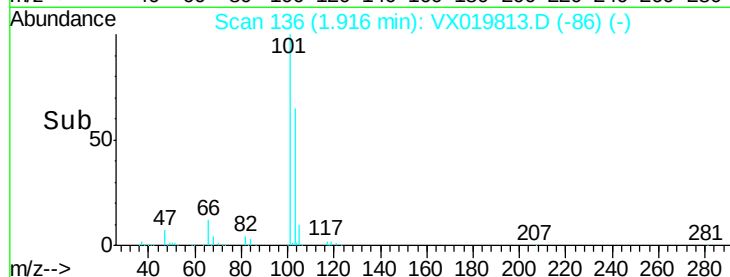
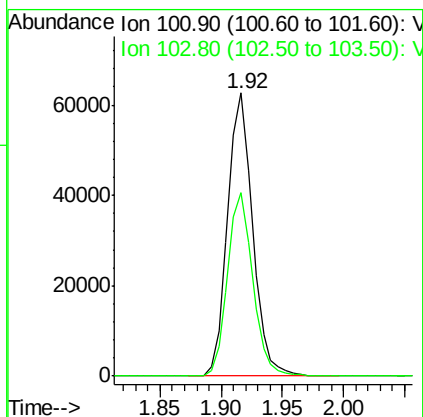
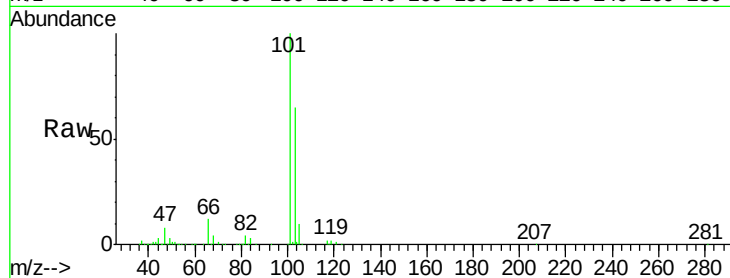
Trichlorofluoromethane
Concen: 19.254 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	53.2	79.8

Manual Integrations
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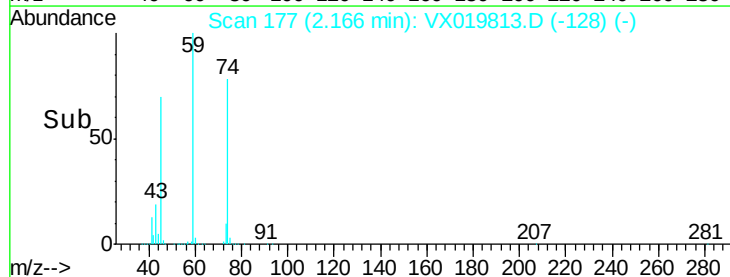
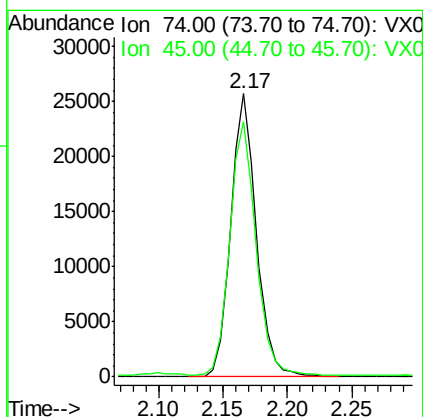
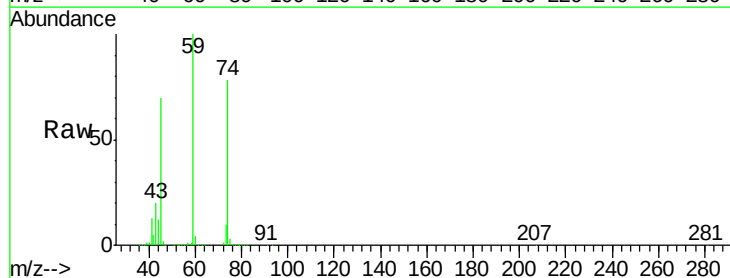
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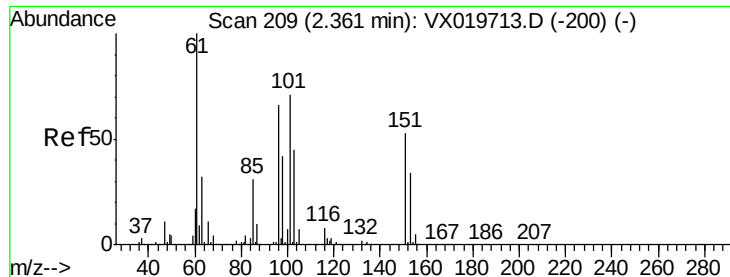


#8

Diethyl Ether
Concen: 18.221 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.9	44.5	133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.410 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

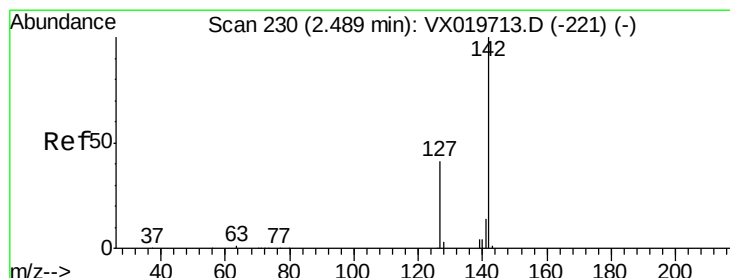
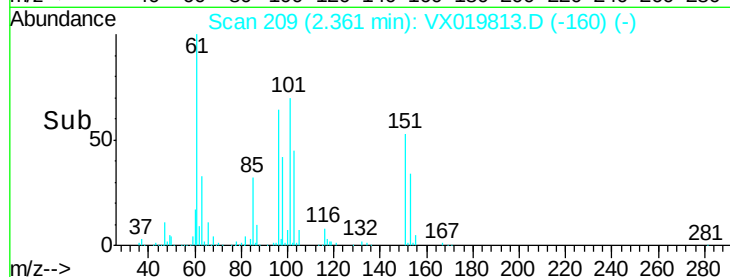
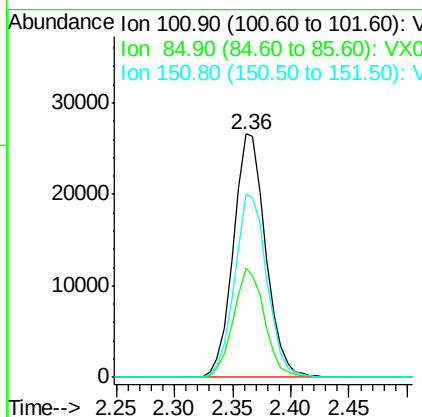
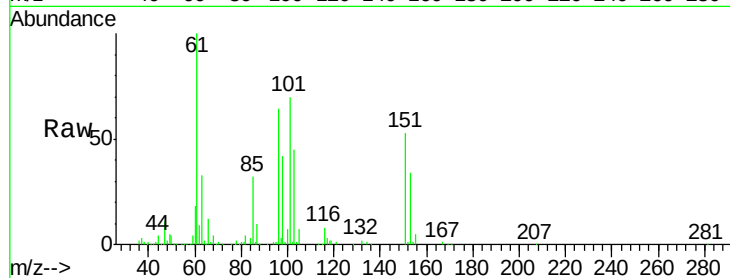
ClientSampleId :

VX1210WBS01

Tot Ion:	101	Resp:	51397
Ion Ratio	Lower	Upper	
101	100		
85	43.2	34.9	52.3
151	75.6	61.4	92.2

Manual Integrations
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#10

Methyl Iodide

Concen: 14.829 ug/l

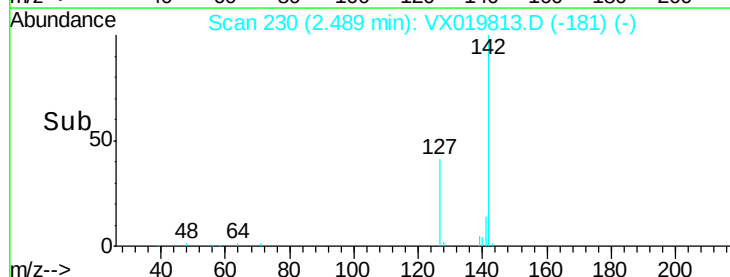
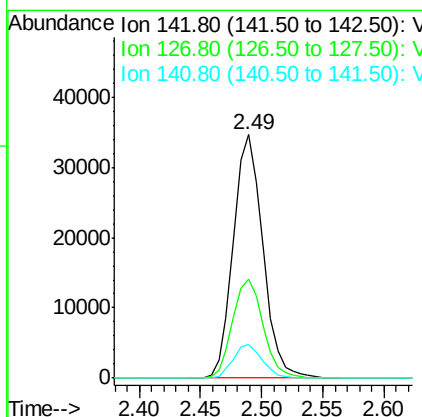
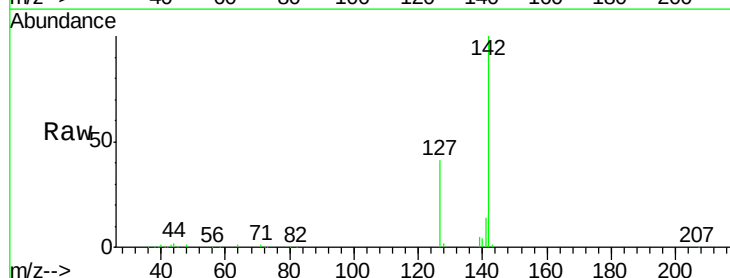
RT: 2.49 min Scan# 230

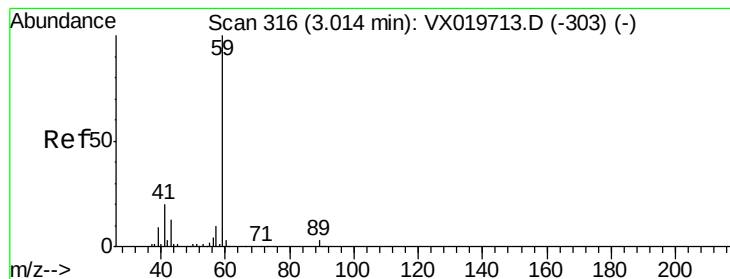
Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Tgt Ion:	142	Resp:	57878
Ion Ratio	Lower	Upper	
142	100		
127	42.0	33.3	49.9
141	13.7	11.4	17.0





#11

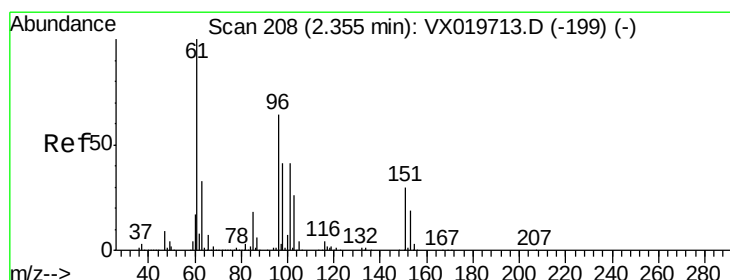
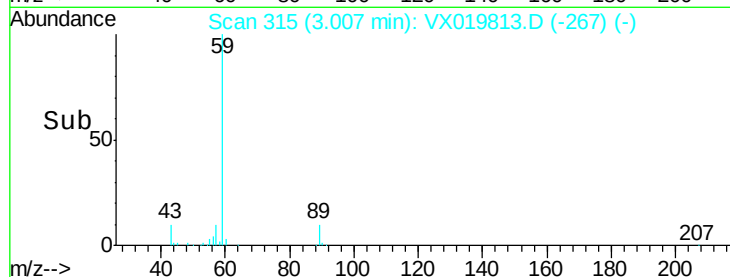
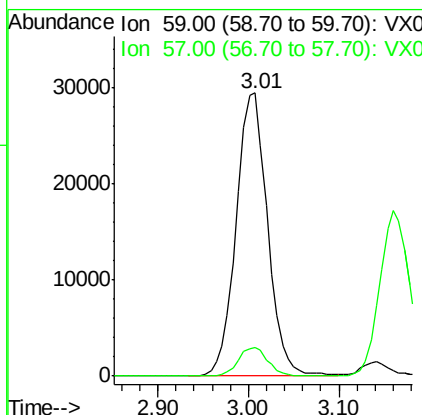
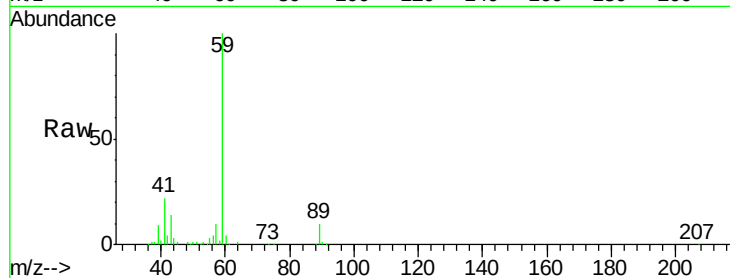
Tert butyl alcohol
 Concen: 88.593 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX019813.D
 Acq: 10 Dec 2020 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Tot Ion: 59 Resp: 71274
 Ion Ratio Lower Upper
 59 100
 57 9.8 7.8 11.8

Manual Integrations
 APPROVED

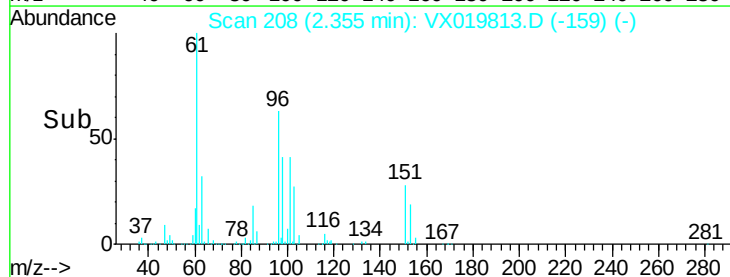
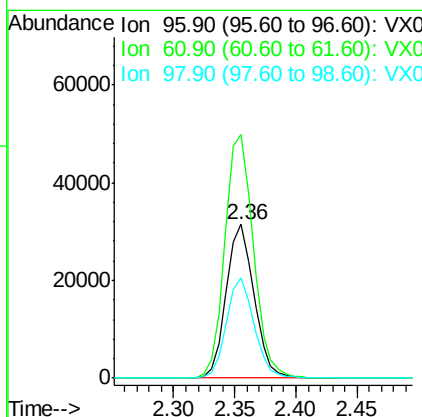
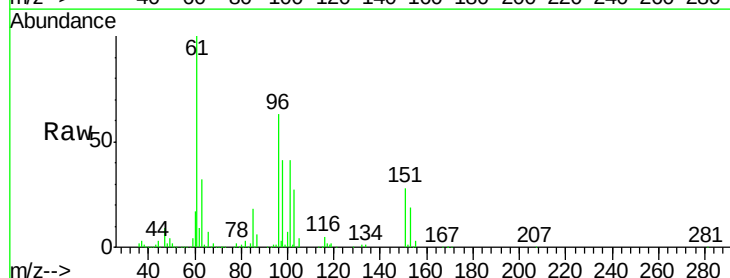
MMDadoda
 12/11/2020 12:45:52 PM

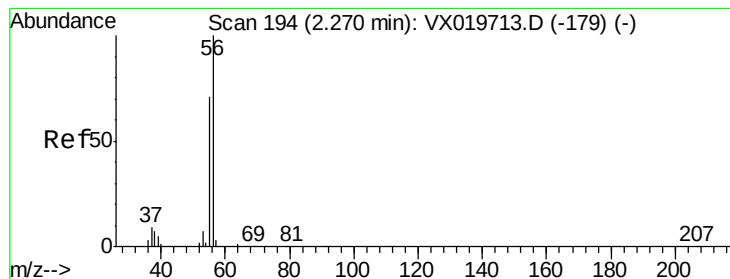


#12

1,1-Dichloroethene
 Concen: 18.551 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX019813.D
 Acq: 10 Dec 2020 10:28

Tgt Ion: 96 Resp: 49662
 Ion Ratio Lower Upper
 96 100
 61 158.3 124.6 187.0
 98 65.0 50.6 76.0





#13

Acrolein

Concen: 76.335 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion: 56 Resp: 32357

Ion Ratio Lower Upper

56 100

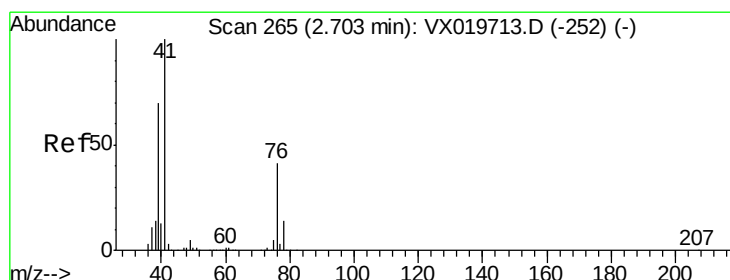
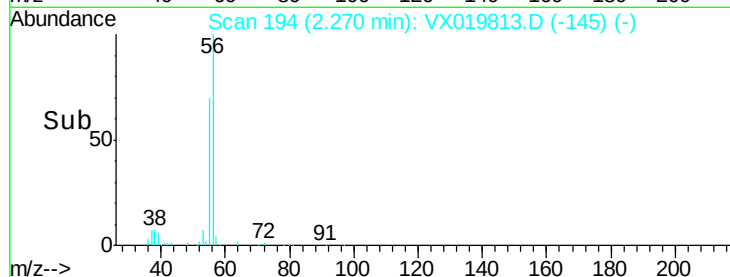
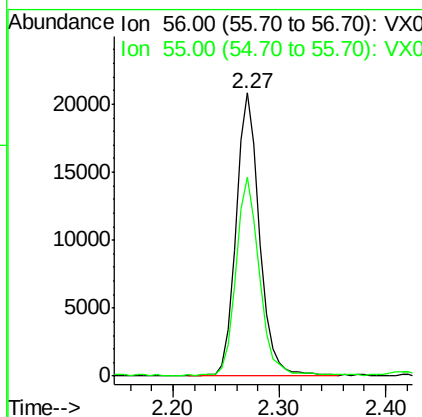
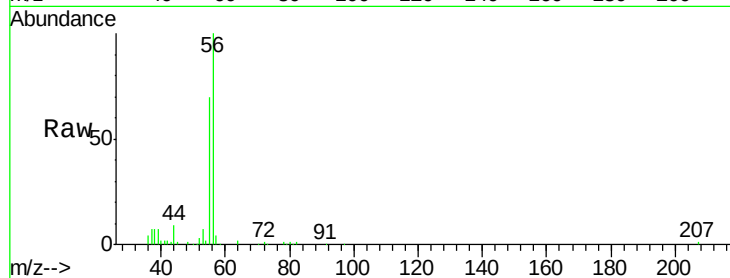
55 69.6 56.4 84.6

Manual Integrations

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#14

Allyl chloride

Concen: 18.243 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

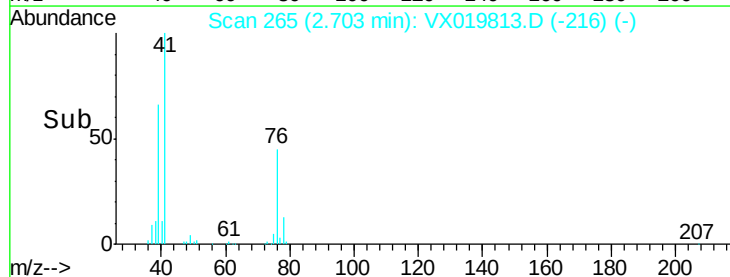
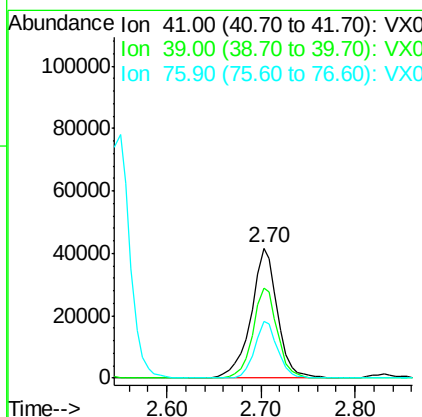
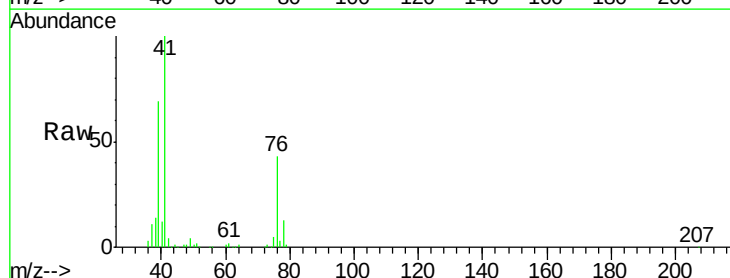
Tgt Ion: 41 Resp: 82480

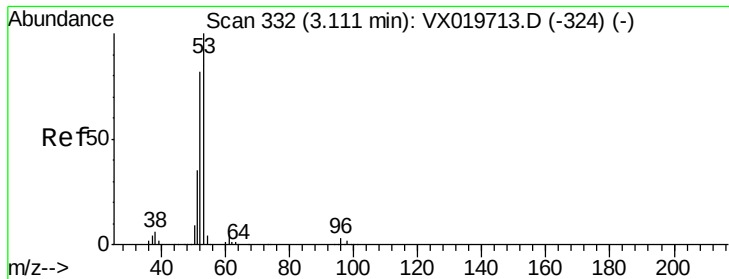
Ion Ratio Lower Upper

41 100

39 64.5 51.6 77.4

76 37.9 30.5 45.7





#15

Acrylonitrile

Concen: 92.280 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

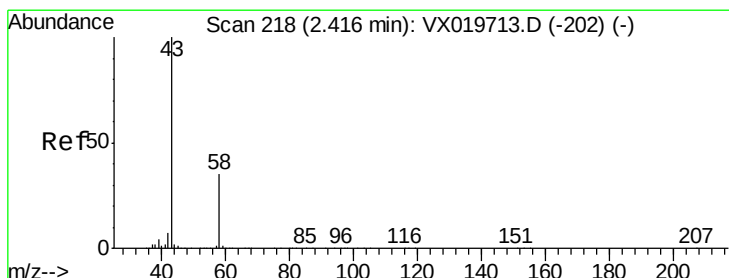
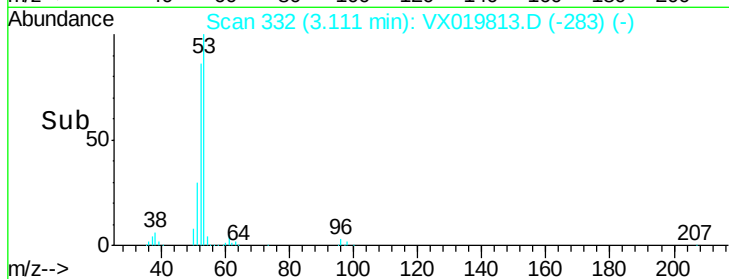
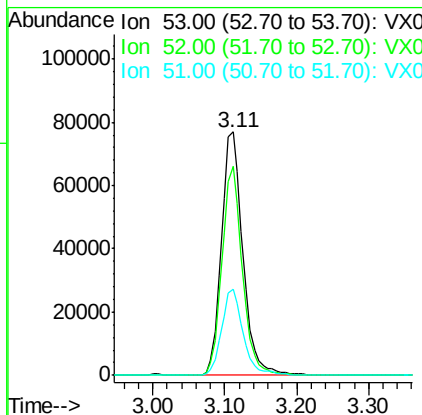
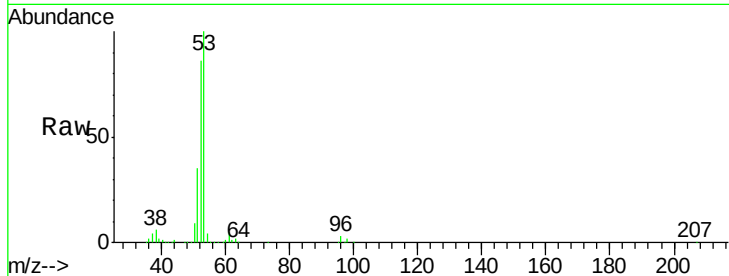
ClientSampleId :

VX1210WBS01

Tot Ion:	53	Resp:	160202
Ion Ratio		Lower	Upper
53	100		
52	82.1	65.3	97.9
51	35.6	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 94.705 ug/l

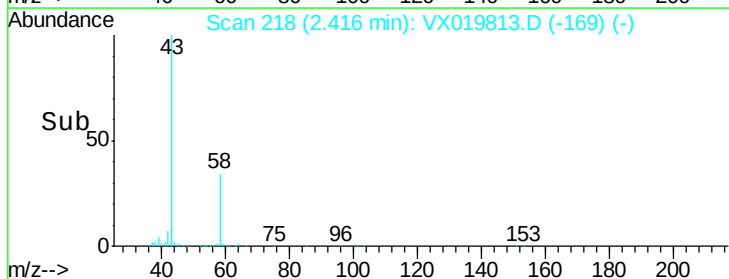
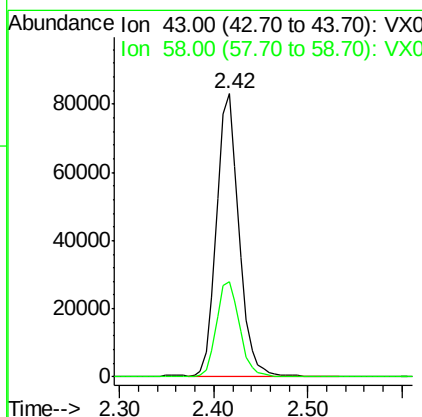
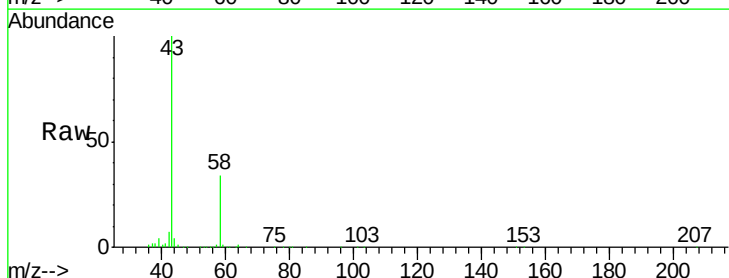
RT: 2.42 min Scan# 218

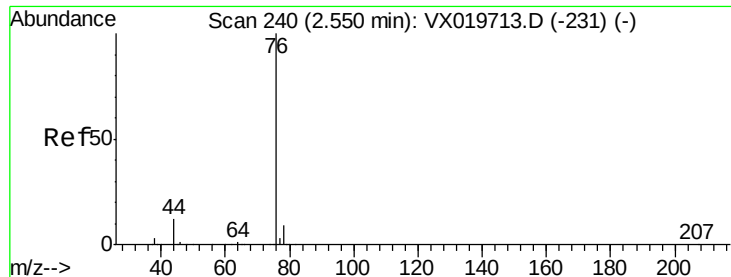
Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Tgt Ion:	43	Resp:	136700
Ion Ratio		Lower	Upper
43	100		
58	33.6	27.8	41.8





#17

Carbon Disulfide

Concen: 16.961 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion: 76 Resp: 130286

Ion Ratio Lower Upper

76 100

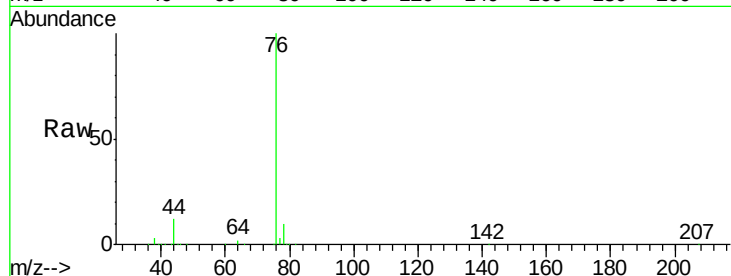
78 9.6 7.2 10.8

Manual Integrations

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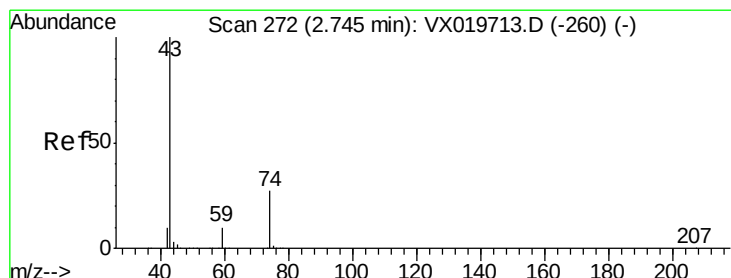
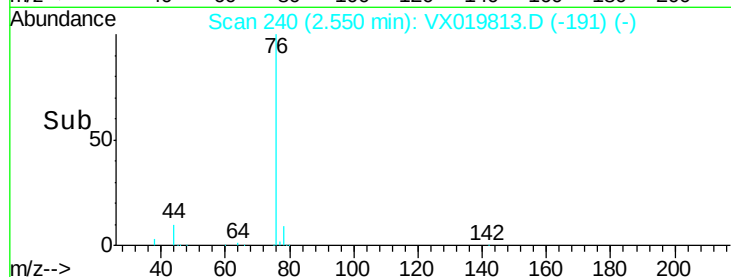
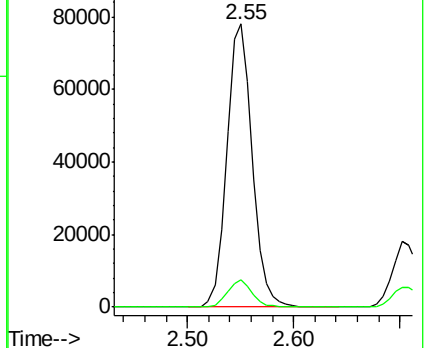
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.226 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX019813.D

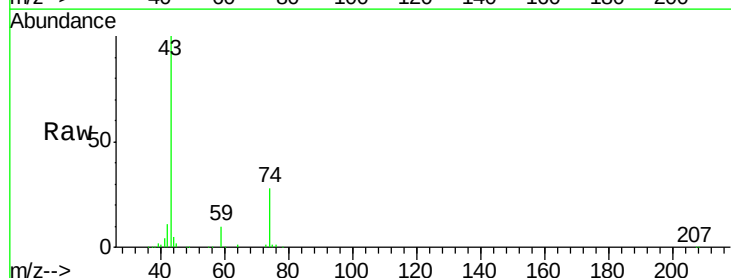
Acq: 10 Dec 2020 10:28

Tgt Ion: 43 Resp: 67911

Ion Ratio Lower Upper

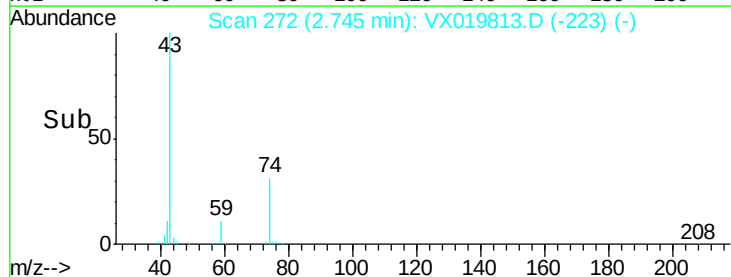
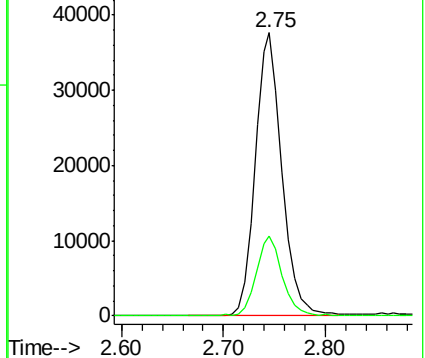
43 100

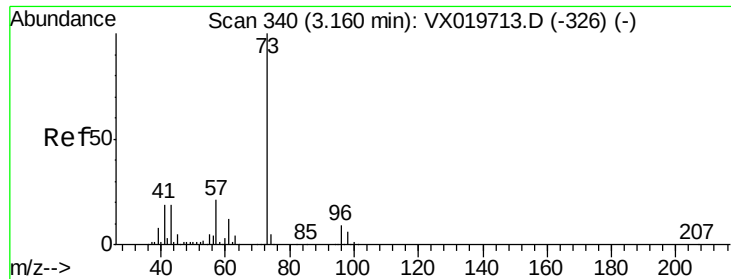
74 28.1 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





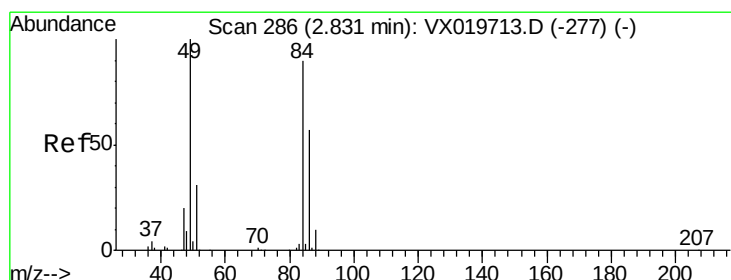
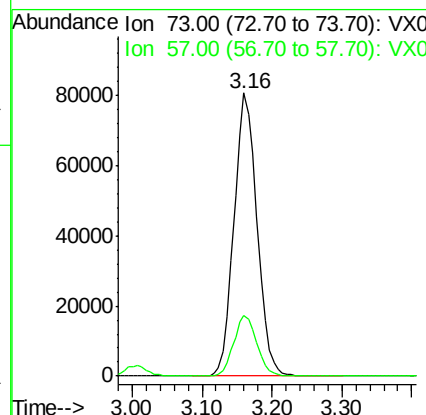
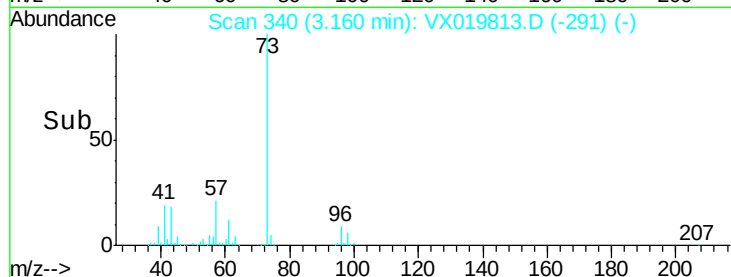
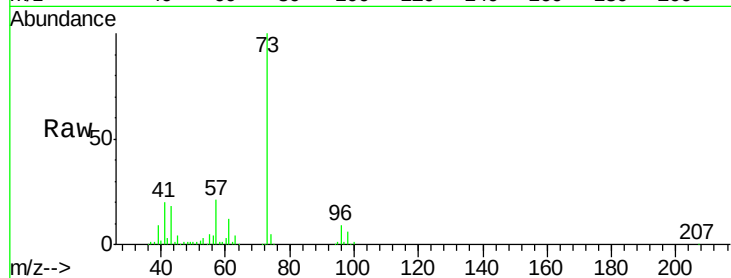
#19
Methvl tert-butvl Ether
Concen: 18.959 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.1	25.7

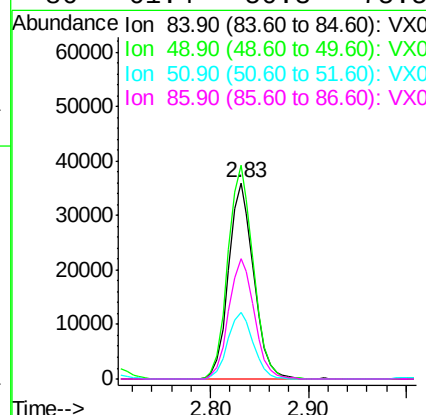
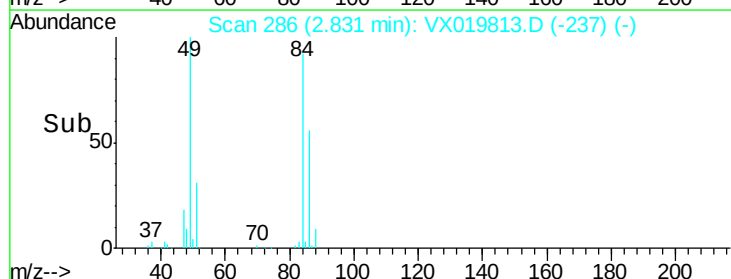
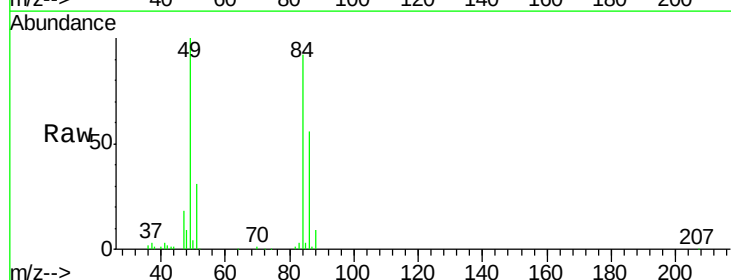
Manual Integrations
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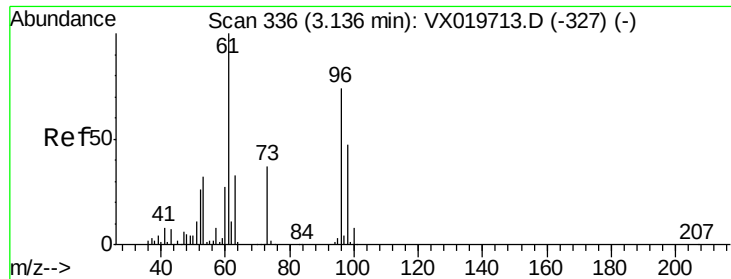
MMDadoda
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#20
Methylene Chloride
Concen: 18.560 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.9	88.6	132.8
51	33.9	27.0	40.6
86	61.4	50.3	75.5





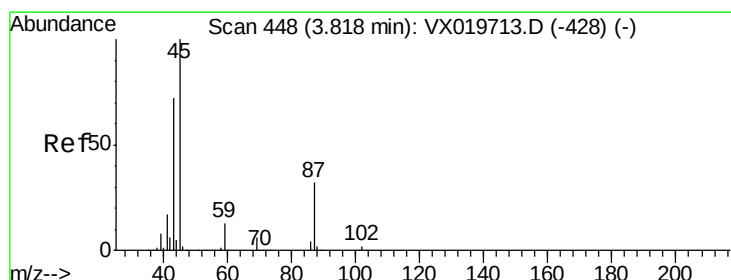
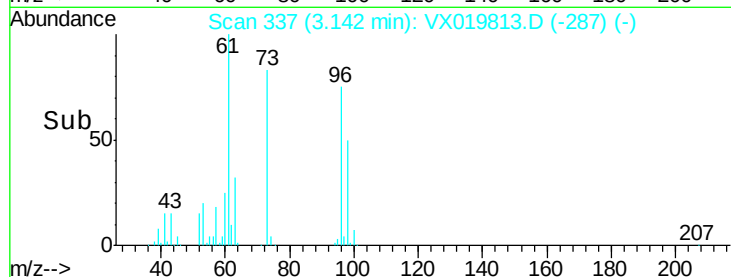
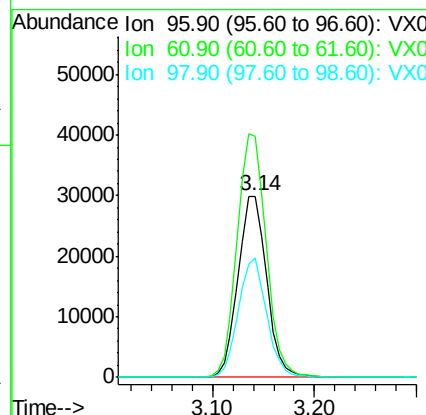
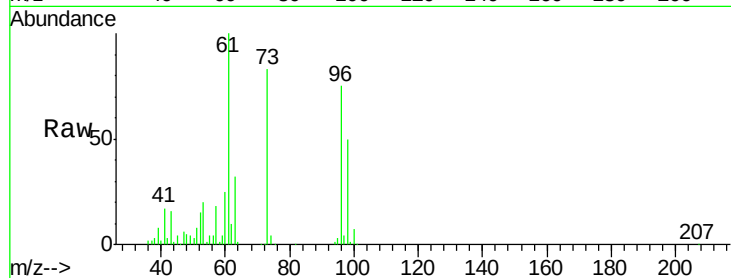
#21
trans-1,2-Dichloroethene
Concen: 18.690 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.1	107.7	161.5
98	66.0	50.4	75.6

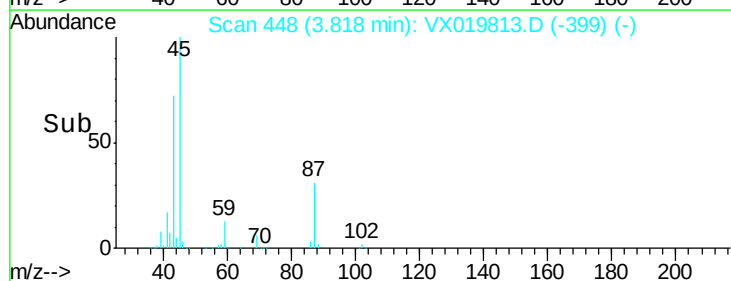
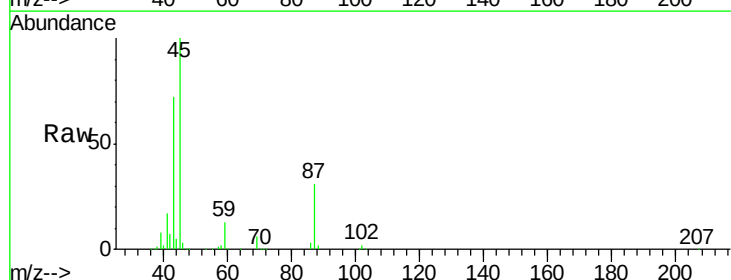
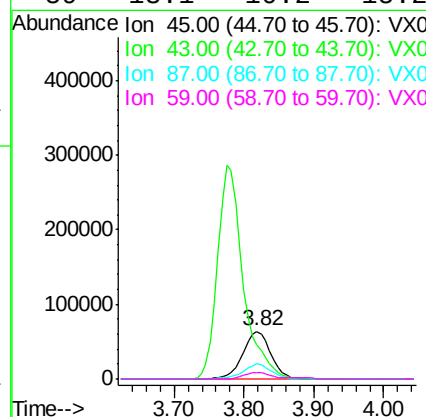
Manual Integrations
APPROVED

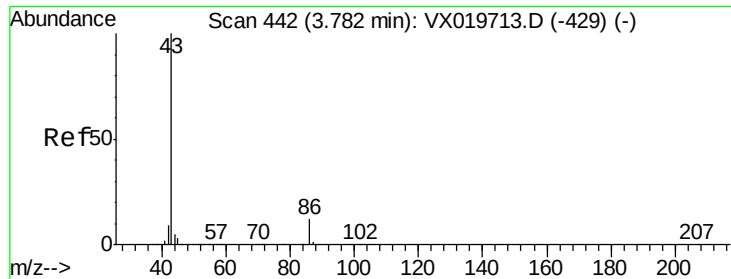
MMDadoda
12/11/2020 12:45:52 PM



#22
Diisopropyl ether
Concen: 19.314 ug/l
RT: 3.82 min Scan# 448
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Tgt Ion	Ratio	Lower	Upper
45	100		
43	70.8	58.0	87.0
87	31.1	25.4	38.0
59	13.1	10.2	15.2





#23

Vinyl Acetate

Concen: 94.004 ug/l

RT: 3.78 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion: 43 Resp: 732110

Ion Ratio Lower Upper

43 100

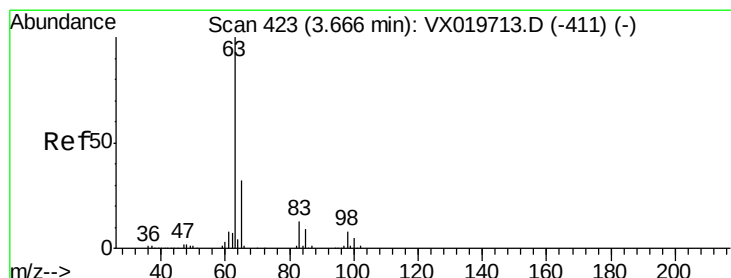
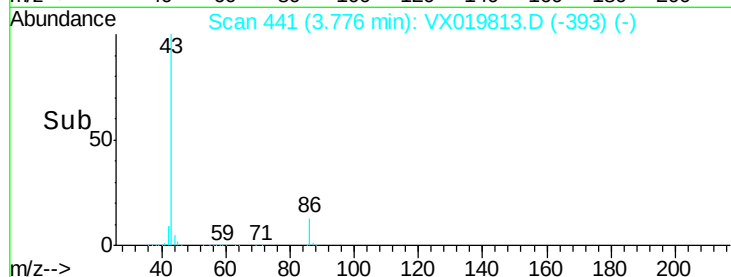
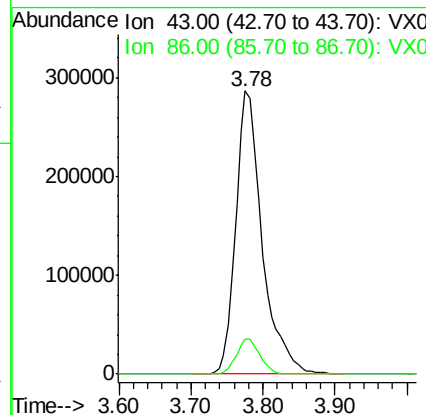
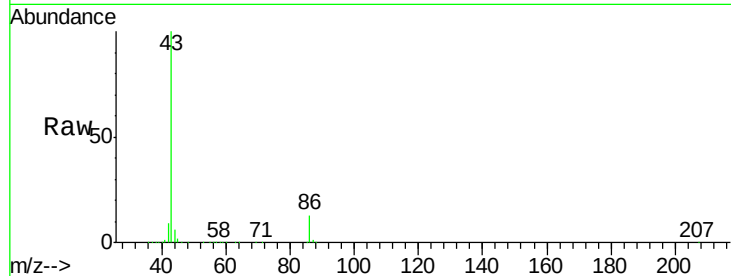
86 12.5 9.9 14.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.163 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

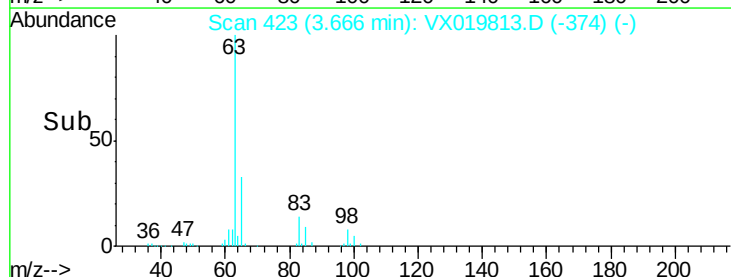
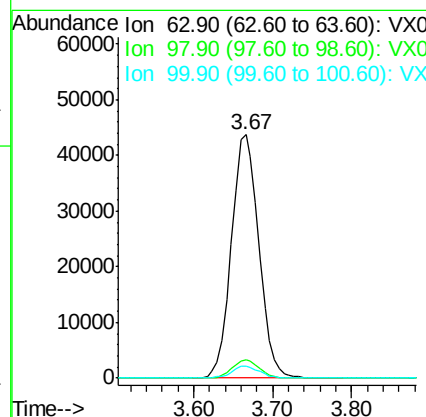
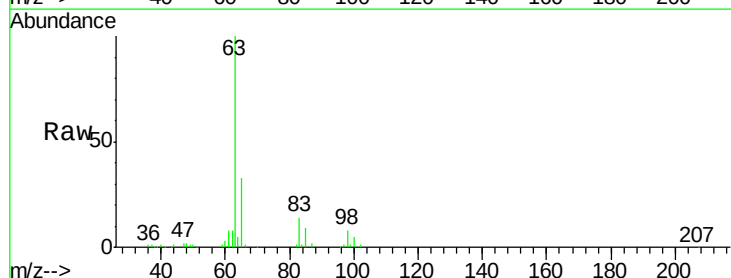
Tgt Ion: 63 Resp: 105639

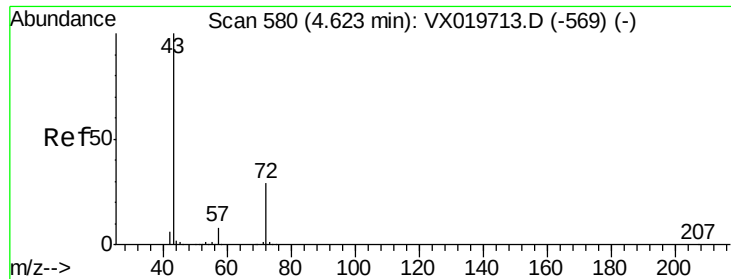
Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.2

100 4.7 2.5 7.5





#25

2-Butanone

Concen: 92.436 ug/l

RT: 4.62 min Scan# 580

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion: 43 Resp: 205019

Ion Ratio Lower Upper

43 100

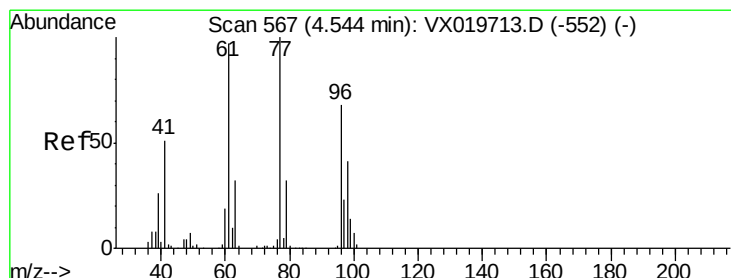
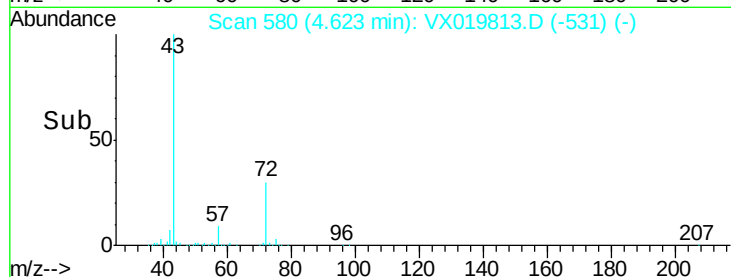
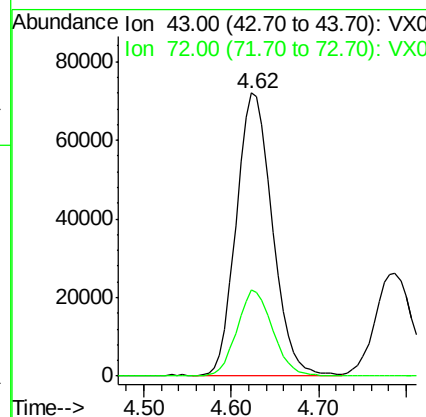
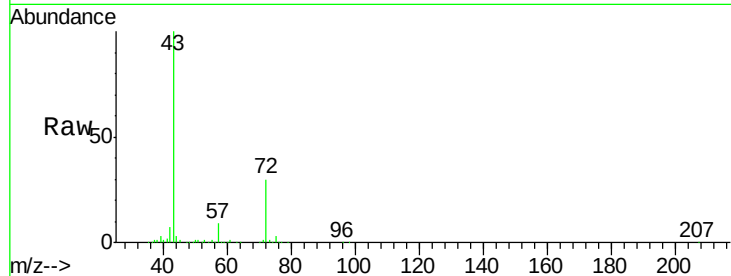
72 30.3 23.7 35.5

Manual Integrations

APPROVED

MMDadoda

12/11/2020 12:45:52 PM



#26

2,2-Dichloropropane

Concen: 18.657 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019813.D

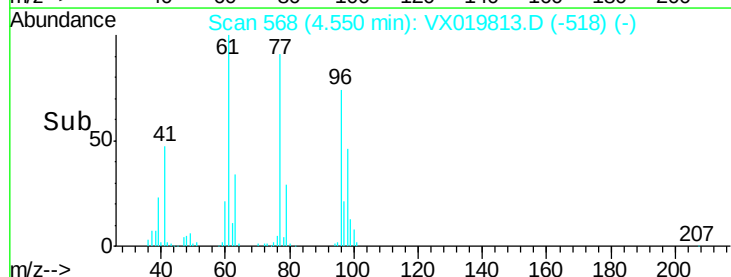
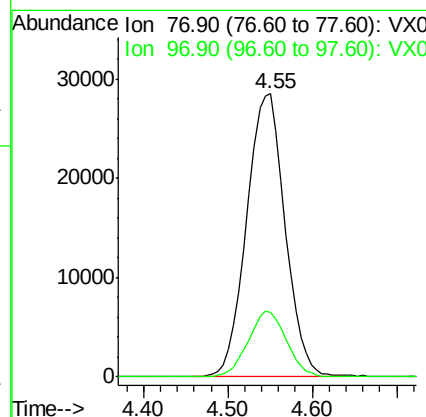
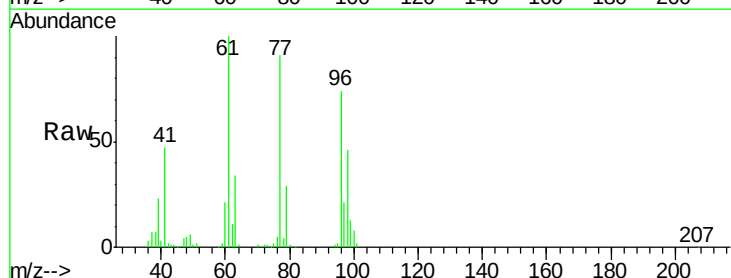
Acq: 10 Dec 2020 10:28

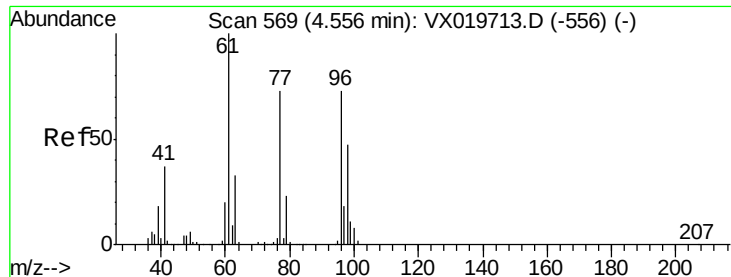
Tgt Ion: 77 Resp: 88569

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.1





#27

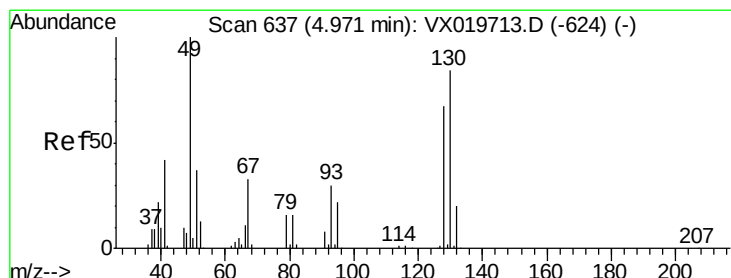
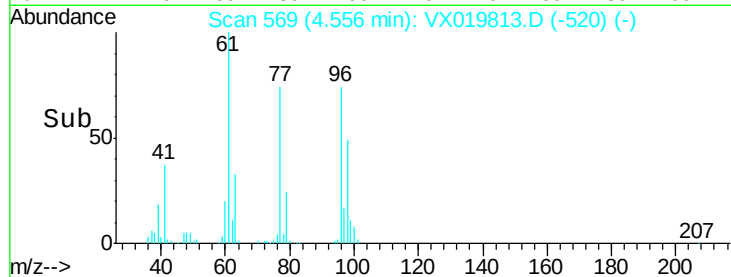
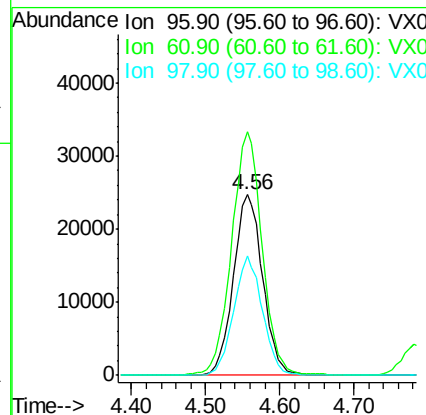
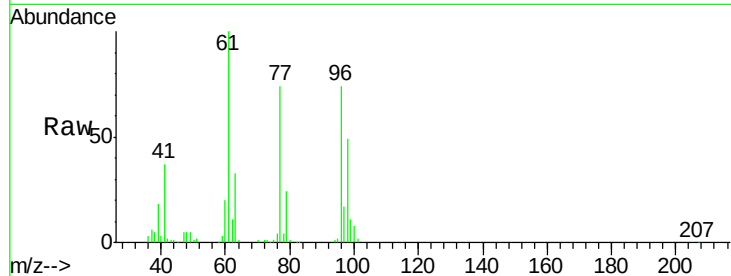
cis-1,2-Dichloroethene
Concen: 18.639 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.9	0.0	285.6
98	64.7	0.0	129.6

Manual Integrations
APPROVED

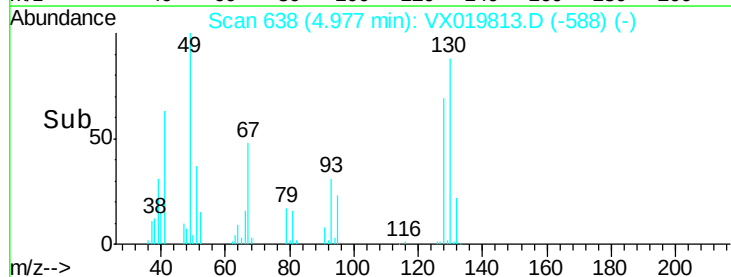
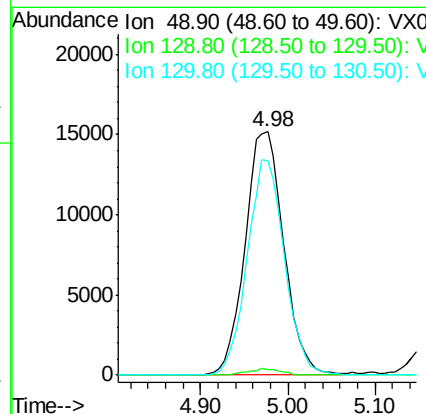
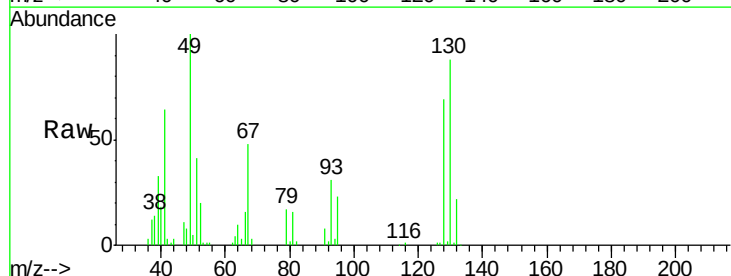
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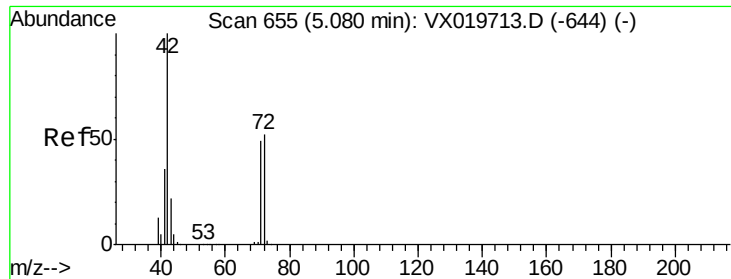


#28

Bromochloromethane
Concen: 17.733 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.01 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	85.2	68.2	102.2





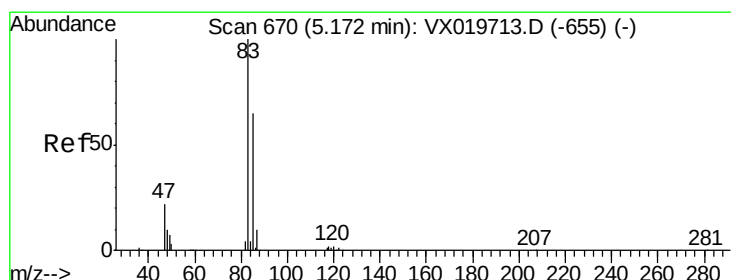
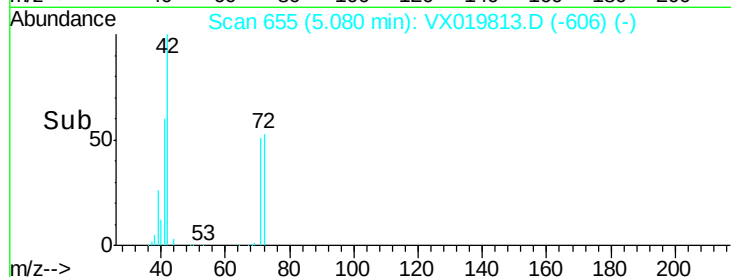
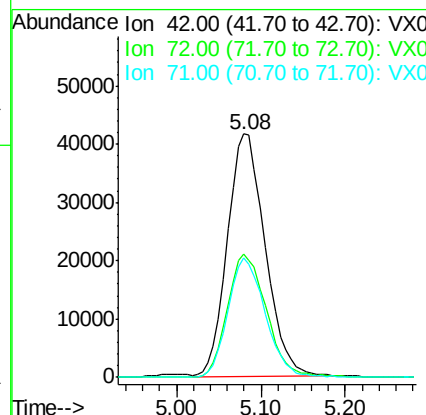
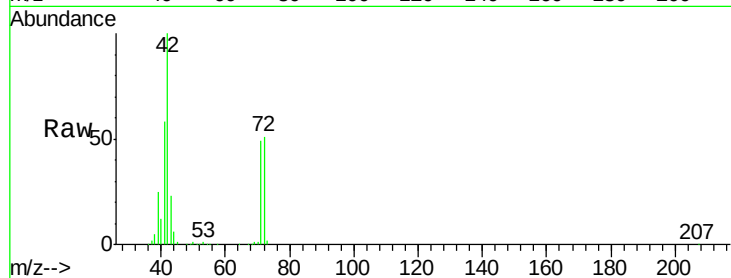
#29
Tetrahydrofuran
Concen: 89.384 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.3	41.7	62.5
71	48.5	38.4	57.6

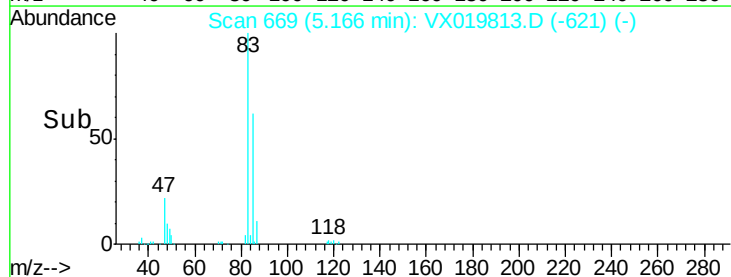
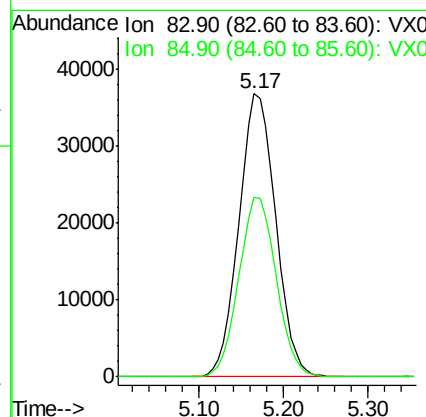
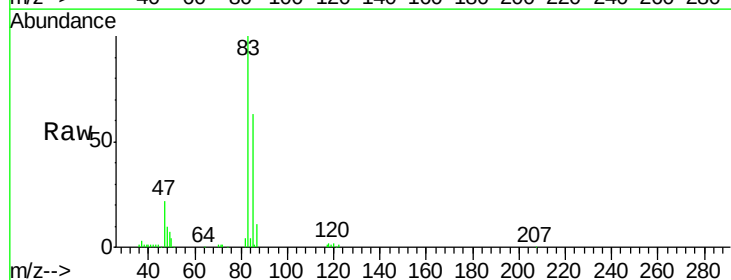
Manual Integrations
APPROVED

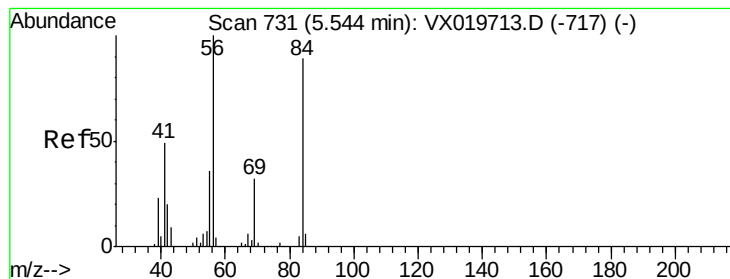
MMDadoda
12/11/2020 12:45:52 PM



#30
Chloroform
Concen: 19.247 ug/l
RT: 5.17 min Scan# 669
Delta R.T. -0.01 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.0	78.0





#31

Cyclohexane

Concen: 18.755 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

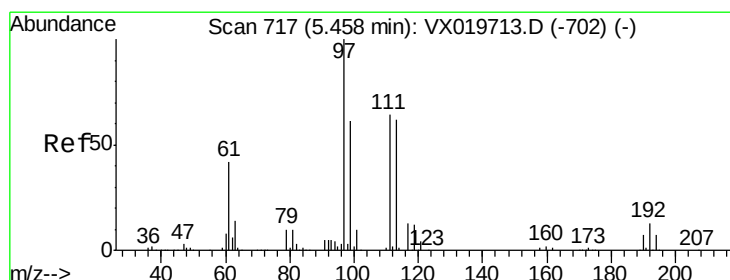
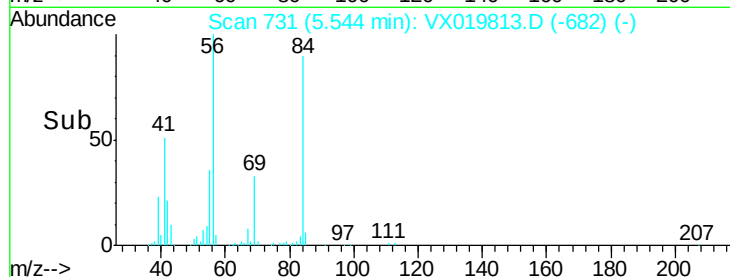
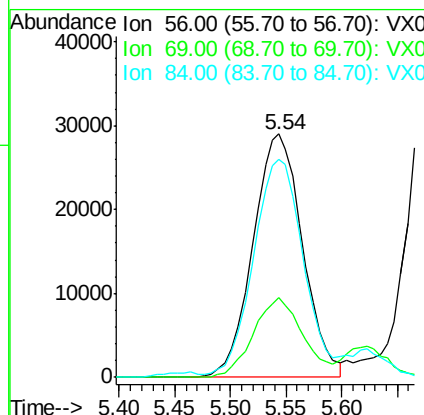
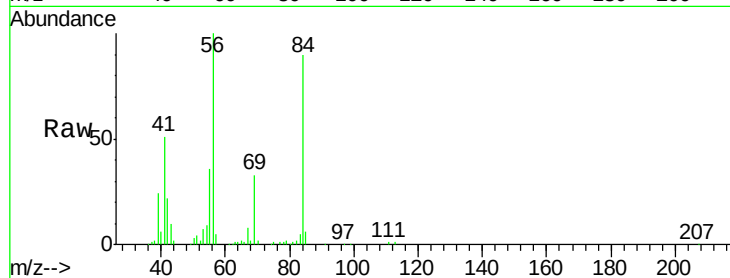
ClientSampleId :

VX1210WBS01

Tot Ion:	56	Resp:	89588
Ion	Ratio	Lower	Upper
56	100		
69	32.8	25.3	37.9
84	87.4	71.4	107.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.091 ug/l

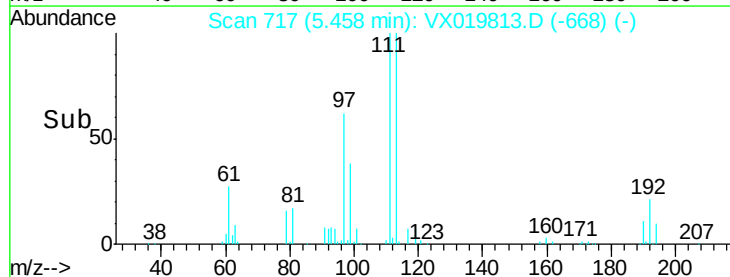
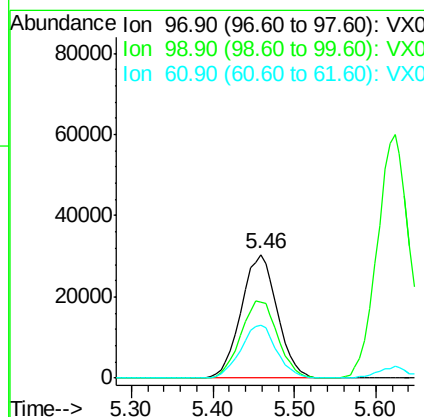
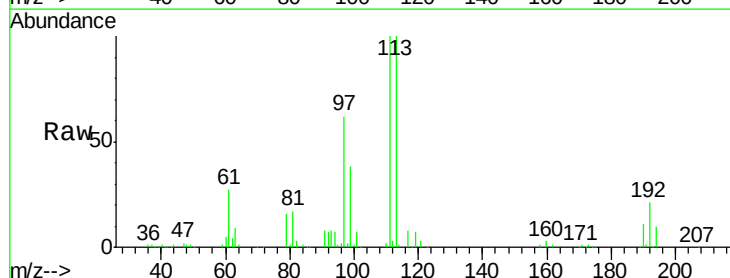
RT: 5.46 min Scan# 717

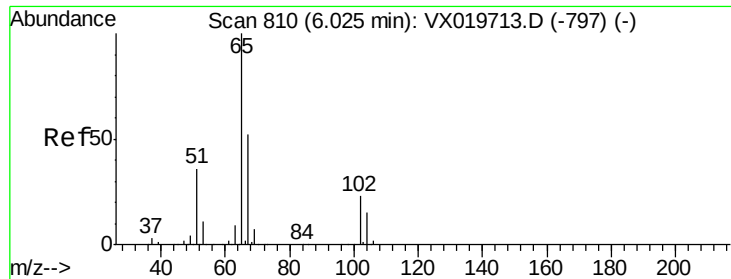
Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Tgt Ion:	97	Resp:	93189
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.5	77.3
61	42.9	34.2	51.4





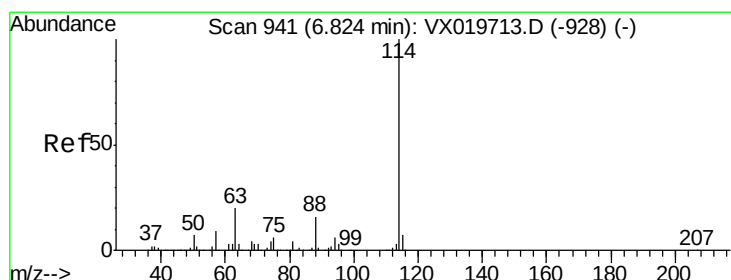
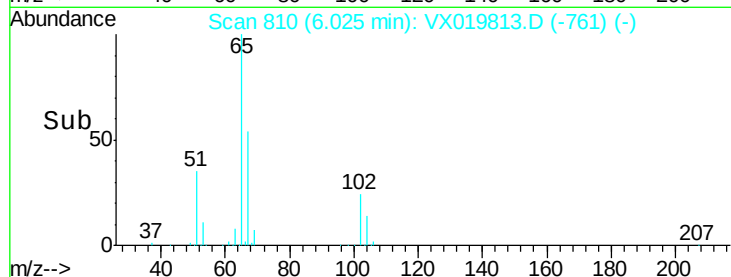
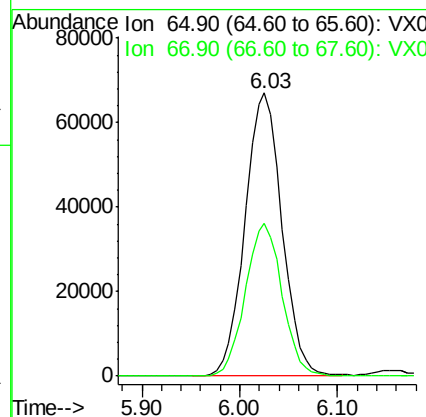
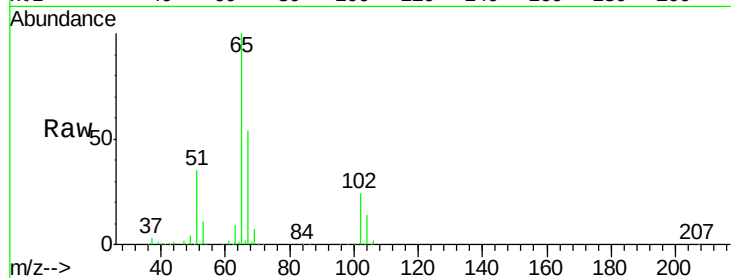
#33
 1,2-Dichloroethane-d4
 Concen: 45.707 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: VX019813.D
 Acq: 10 Dec 2020 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	175522		
67	53.6	0.0	105.4	

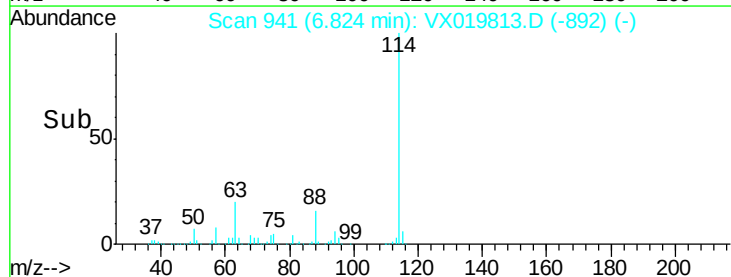
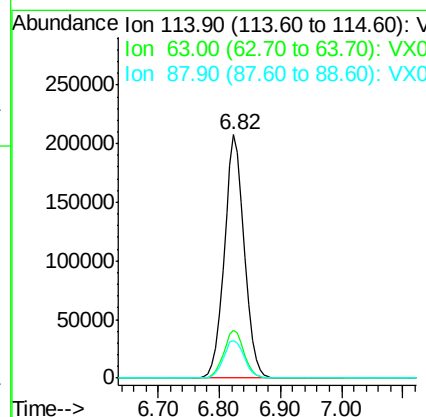
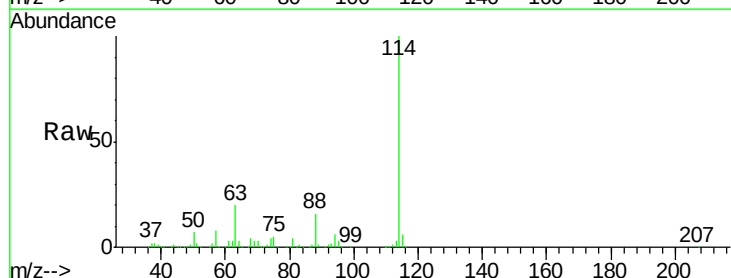
Manual Integrations
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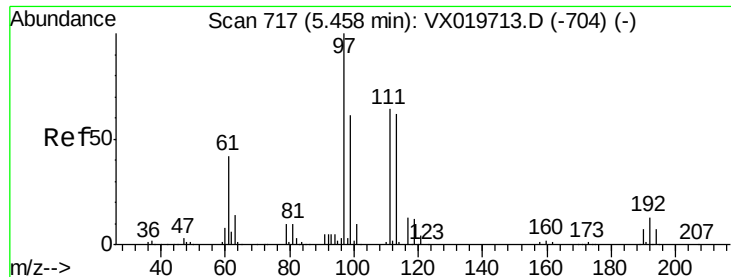
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 12/11/2020 12:45:52 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: VX019813.D
 Acq: 10 Dec 2020 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	472364		
63	19.6	0.0	40.8	
88	15.7	0.0	32.8	





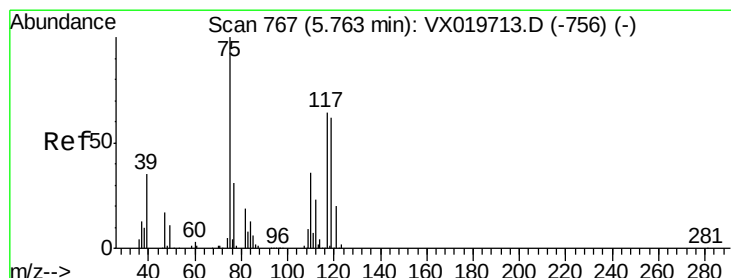
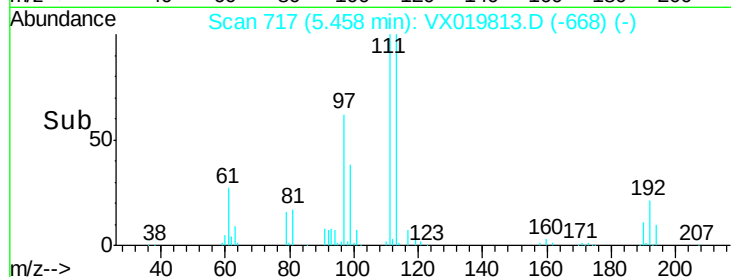
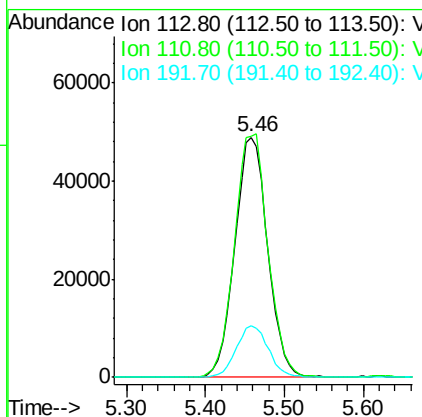
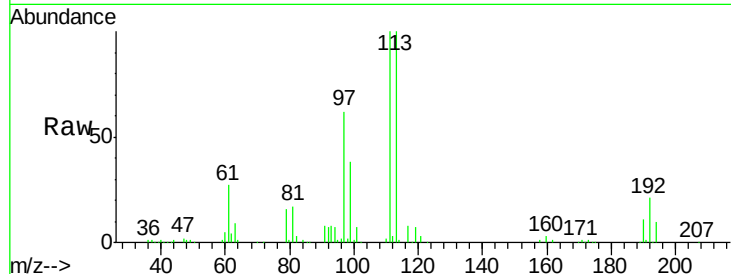
#35
Dibromofluoromethane
Concen: 46.456 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	141823		
111	103.3	81.9	122.9	
192	21.1	16.7	25.1	

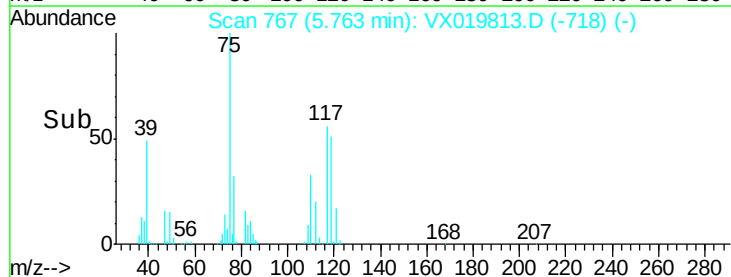
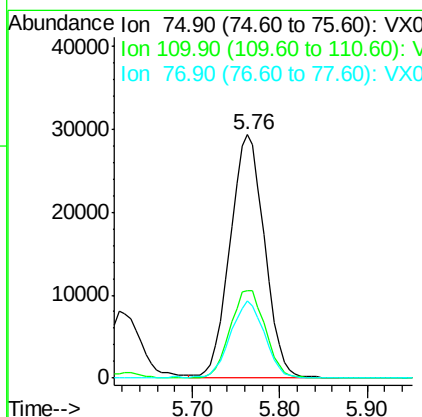
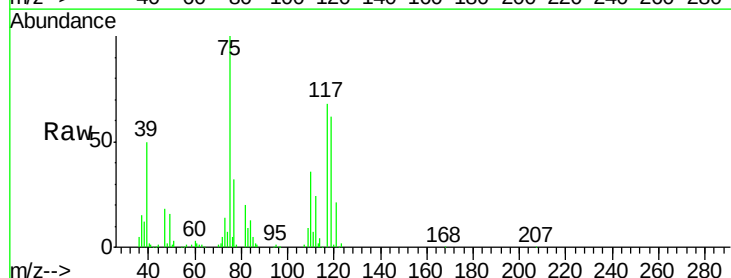
Manual Integrations
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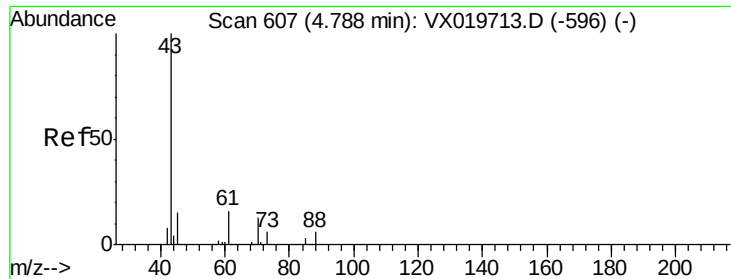
MMDadoda
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#36
1,1-Dichloropropene
Concen: 18.862 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	80510		
110	36.6	18.1	54.4	
77	31.2	25.3	37.9	





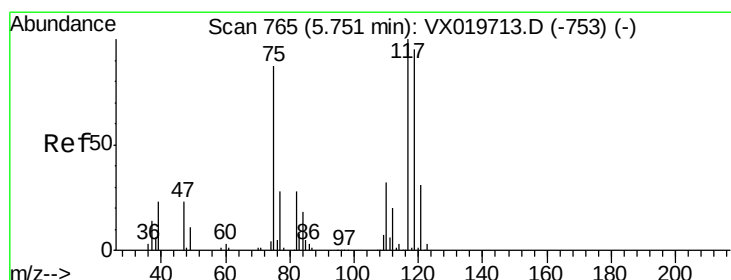
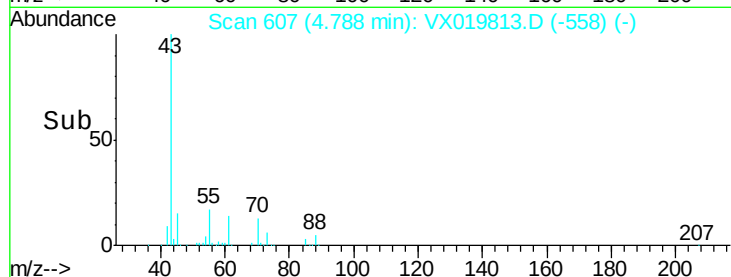
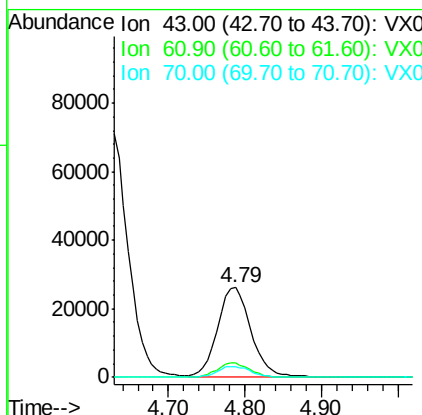
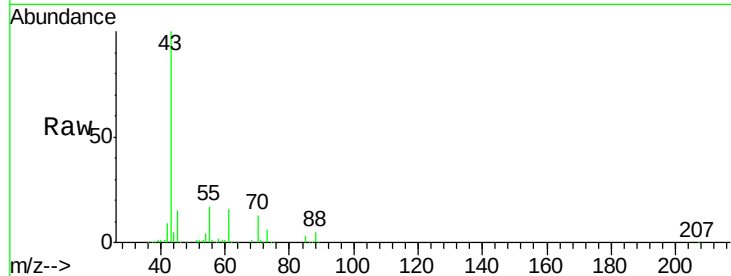
#37
Ethyl Acetate
Concen: 18.175 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.7	12.8	19.2
70	12.9	10.5	15.7

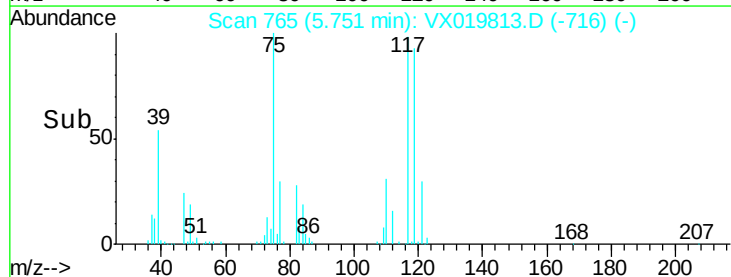
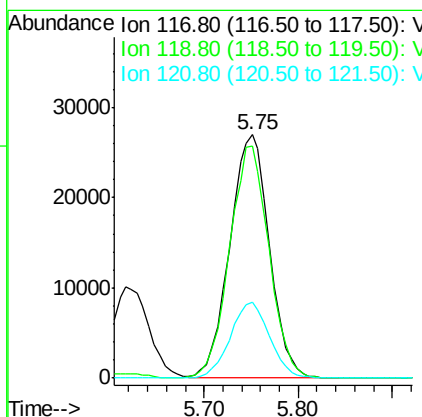
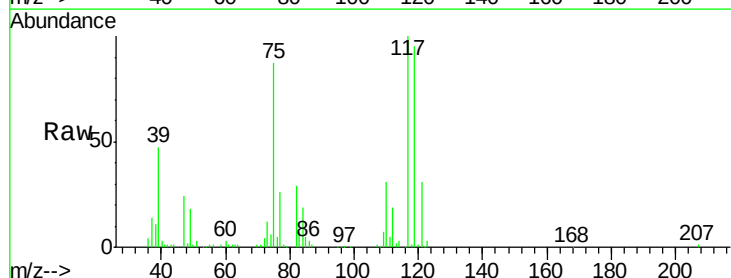
Manual Integrations
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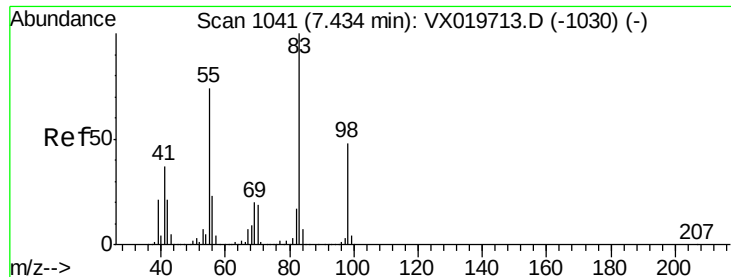
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#38
Carbon Tetrachloride
Concen: 18.893 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.2	114.2
121	31.1	24.8	37.2





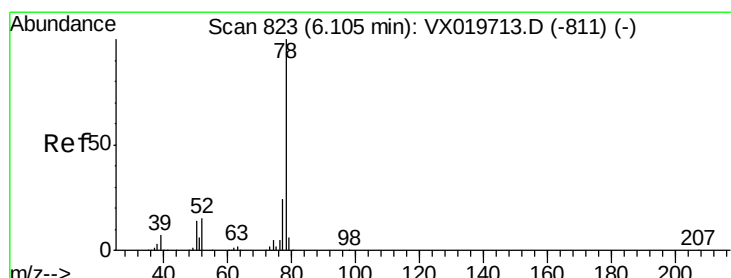
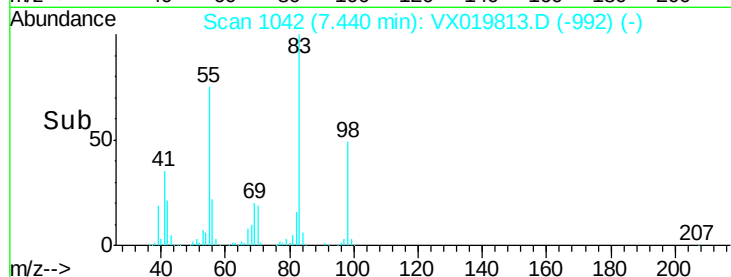
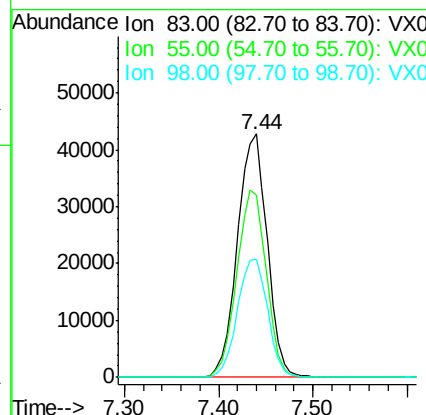
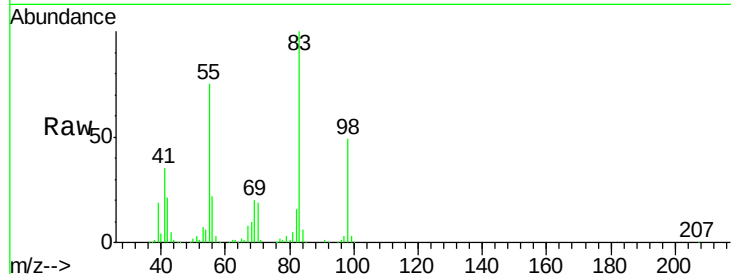
#39
Methylvlcyclohexane
Concen: 18.747 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	94015		
55	74.6		58.9	88.3
98	48.5		38.1	57.1

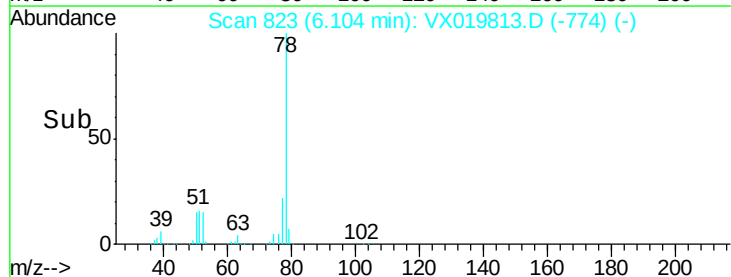
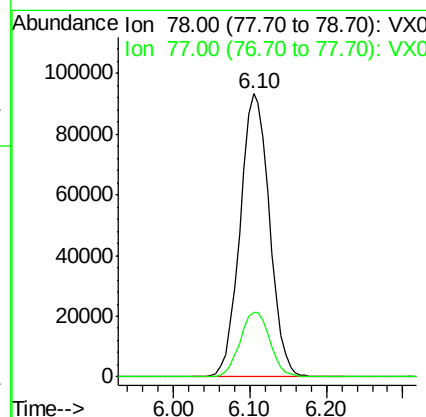
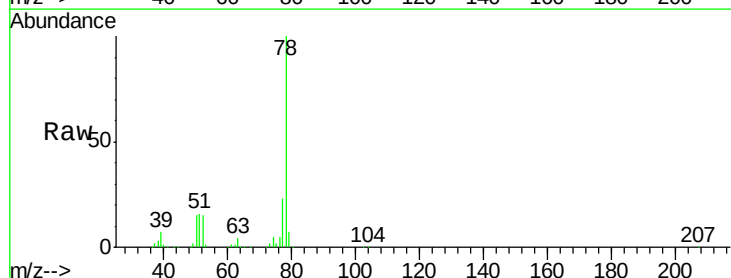
Manual Integrations
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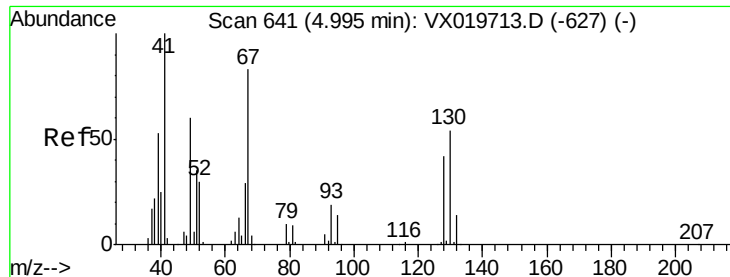
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#40
Benzene
Concen: 18.989 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	247589		
77	22.9		18.9	28.3





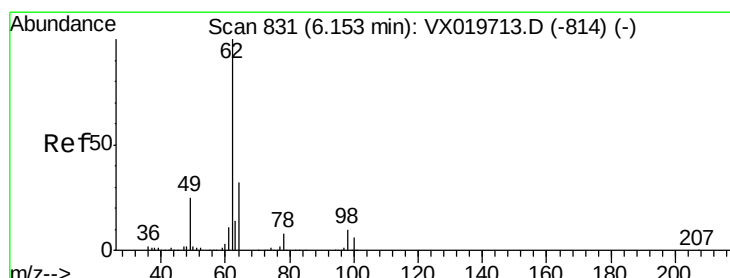
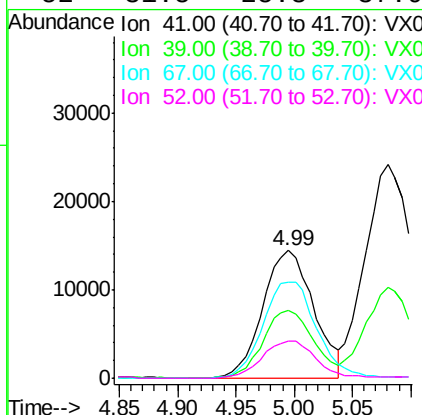
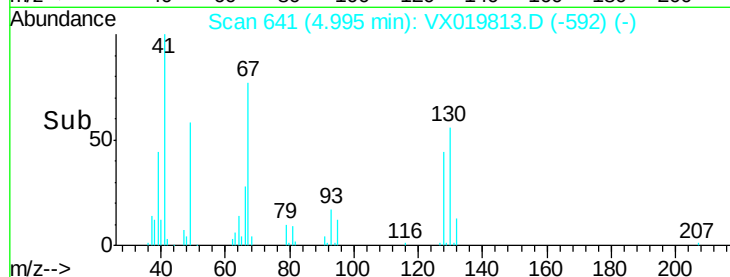
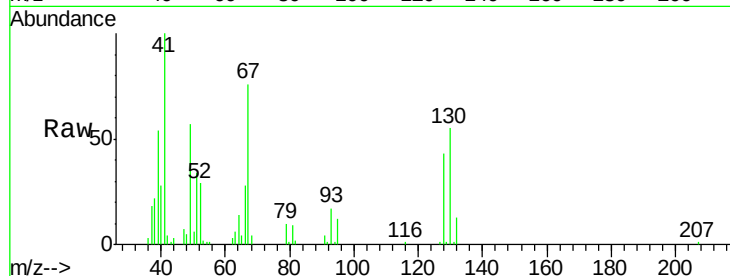
#41
Methacrylonitrile
Concen: 18.537 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.3	42.5	63.7	
67	80.2	65.0	97.6	
52	31.5	25.3	37.9	

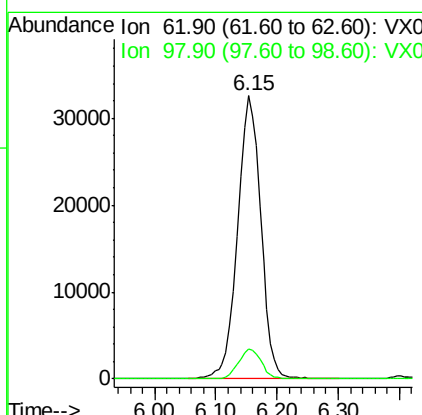
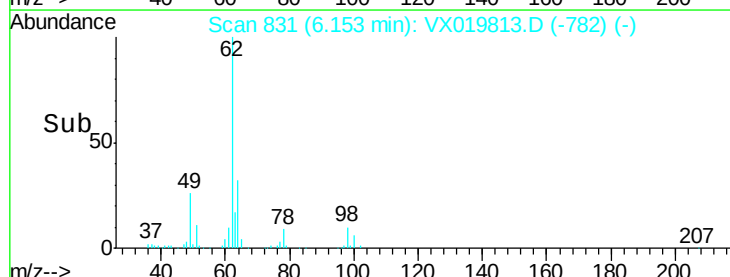
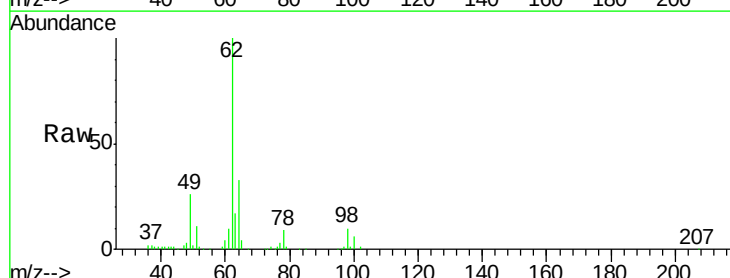
Manual Integrations
APPROVED

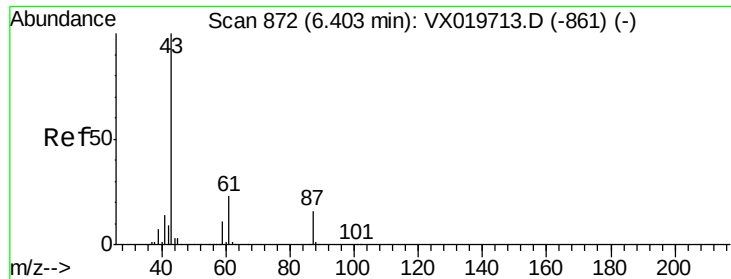
MMDadoda
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#42
1,2-Dichloroethane
Concen: 19.169 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.3	0.0	20.2	





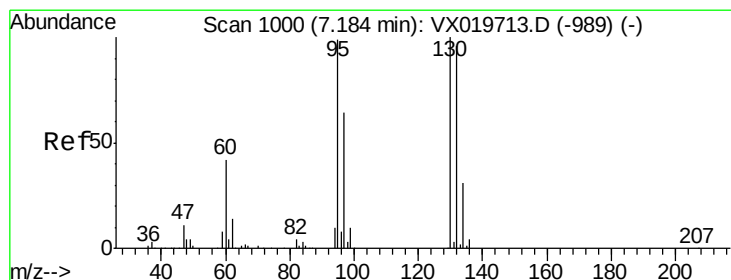
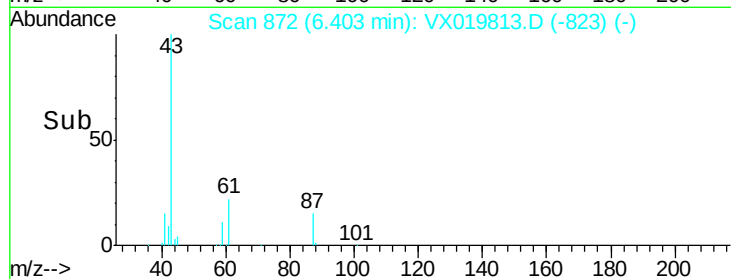
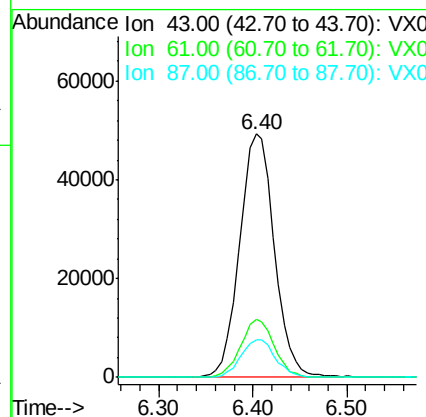
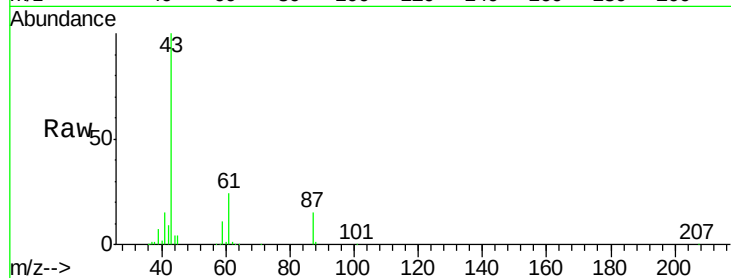
#43
Isopropyl Acetate
Concen: 18.000 ug/l
RT: 6.40 min Scan# 872
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.1	18.2	27.4
87	15.6	12.5	18.7

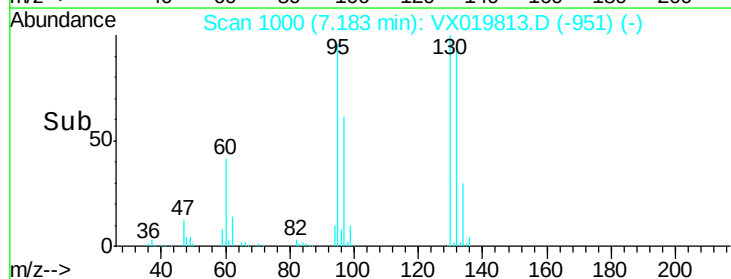
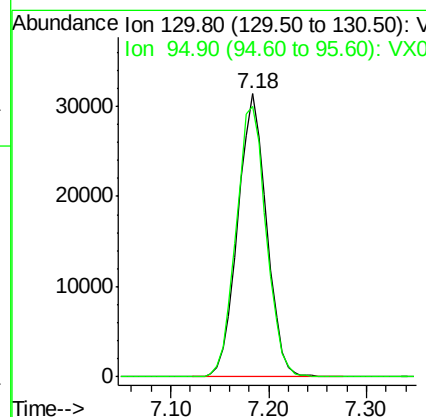
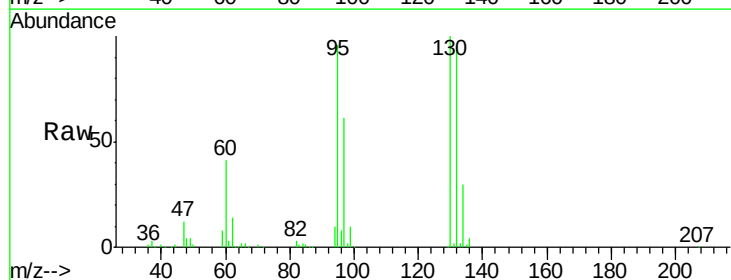
Manual Integrations
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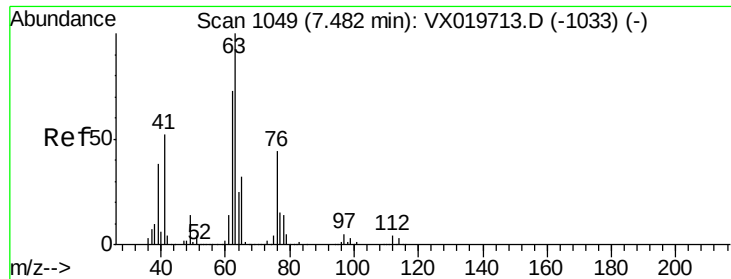
MMDadoda
12/11/2020 12:45:52 PM



#44
Trichloroethene
Concen: 18.707 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.6	0.0	198.0





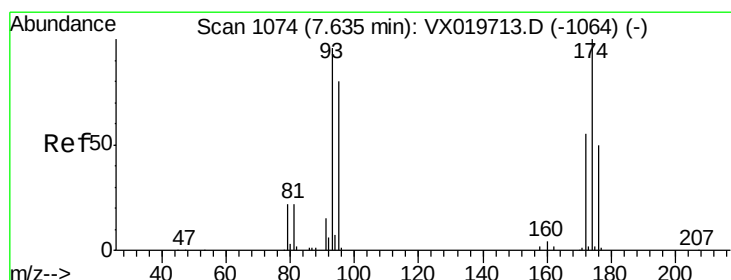
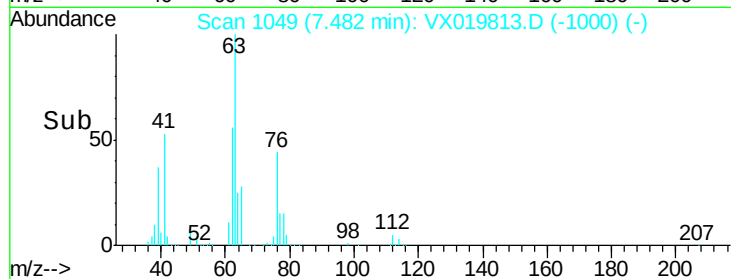
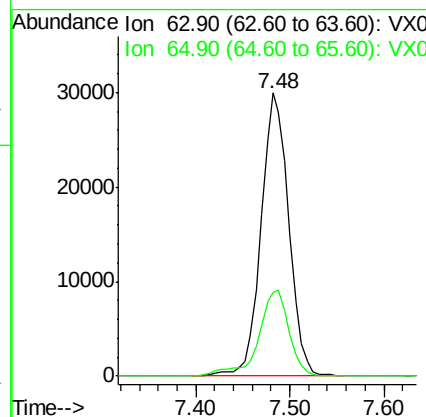
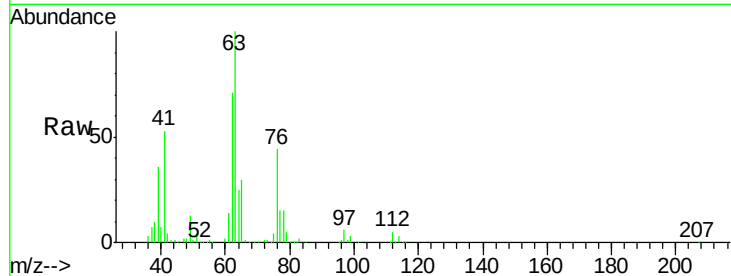
#45
 1,2-Dichloropropane
 Concen: 18.995 ug/l
 RT: 7.48 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VX019813.D
 Acq: 10 Dec 2020 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Tot Ion: 63 Resp: 61900
 Ion Ratio Lower Upper
 63 100
 65 29.6 25.7 38.5

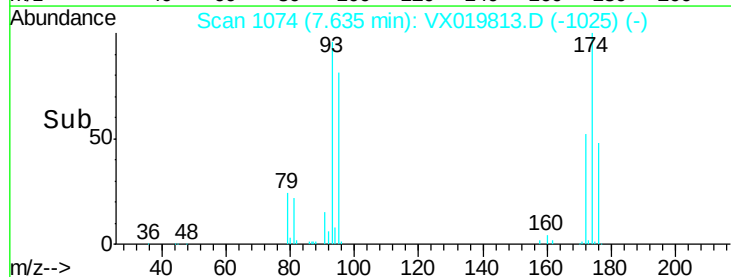
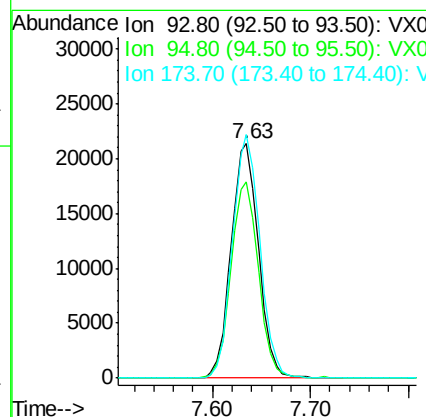
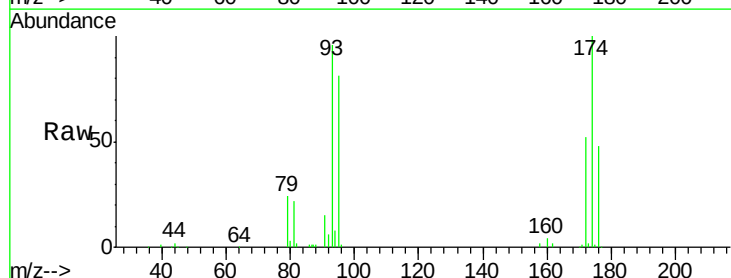
Manual Integrations
 APPROVED

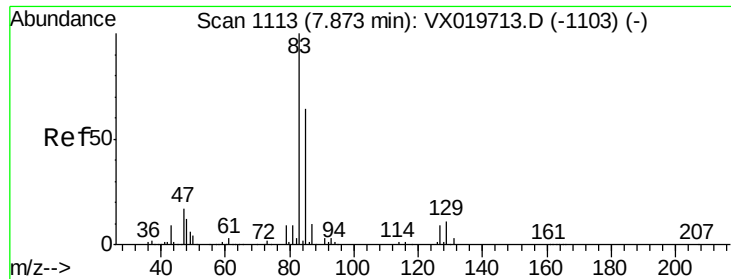
MMDadoda
 12/11/2020 12:45:52 PM



#46
 Dibromomethane
 Concen: 18.946 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX019813.D
 Acq: 10 Dec 2020 10:28

Tgt Ion: 93 Resp: 41695
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.8 100.2
 174 103.4 83.1 124.7





#47

Bromodichloromethane

Concen: 18.803 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

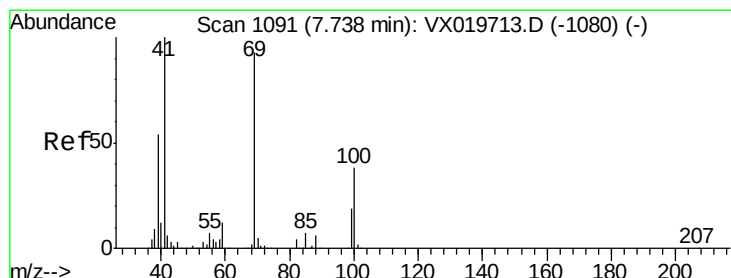
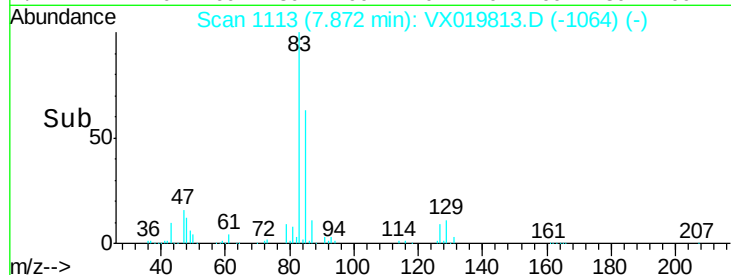
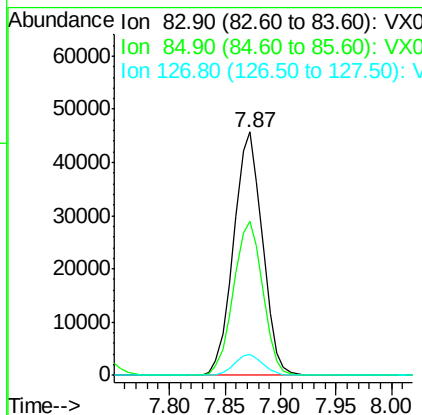
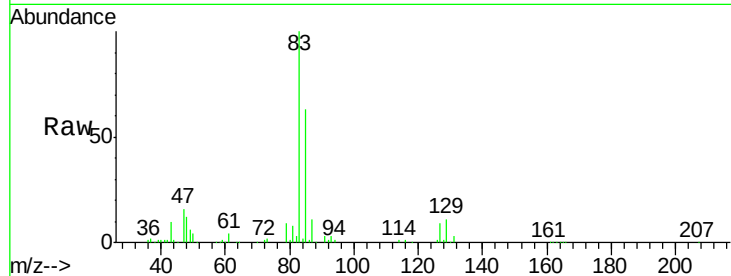
ClientSampleId :

VX1210WBS01

Tot Ion:	83	Resp:	82110
Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.4	77.0
127	8.6	6.8	10.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.936 ug/l

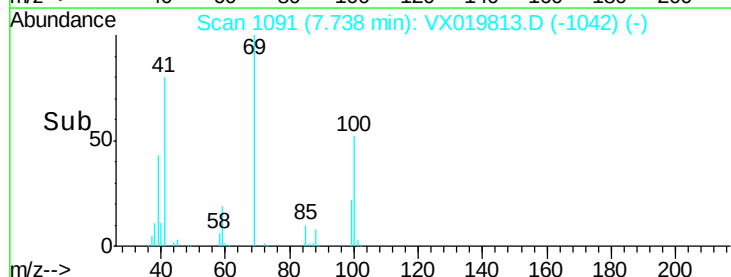
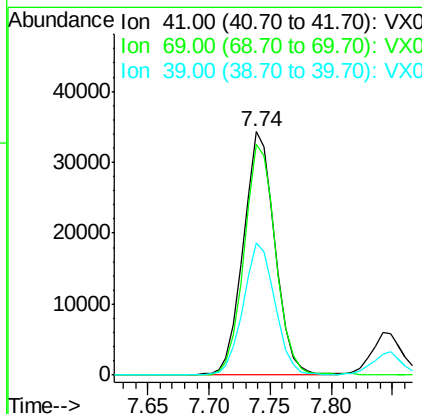
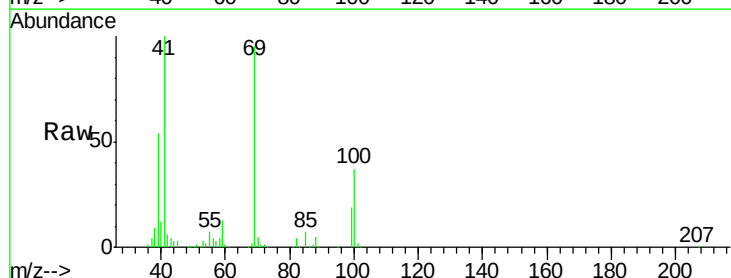
RT: 7.74 min Scan# 1091

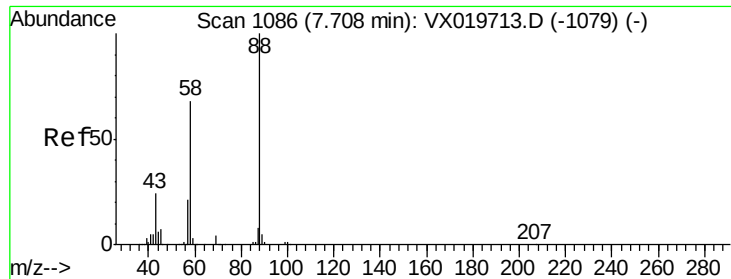
Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Tgt Ion:	41	Resp:	61807
Ion	Ratio	Lower	Upper
41	100		
69	94.0	76.0	114.0
39	54.6	44.6	67.0





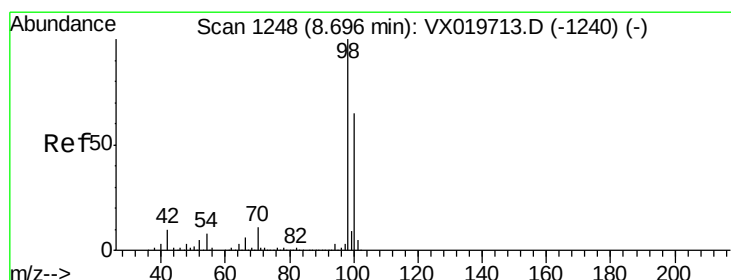
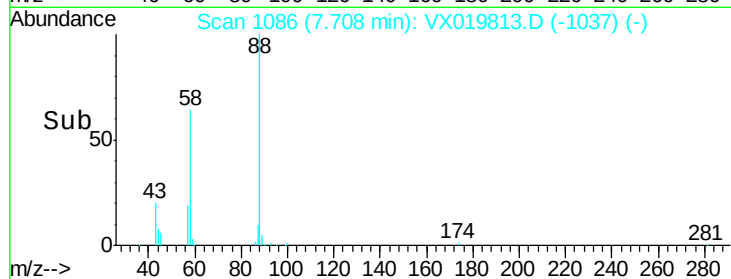
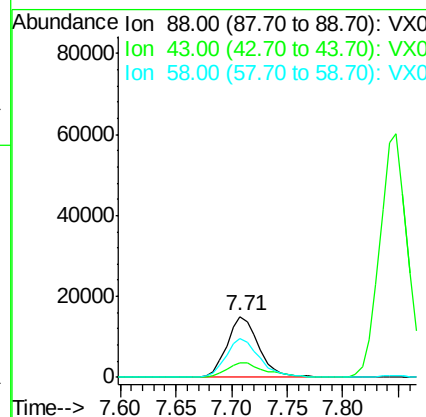
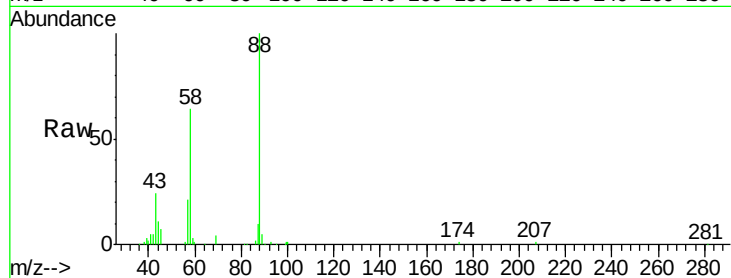
#49
1,4-Dioxane
Concen: 351.352 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.8	23.2	34.8
58	69.1	55.0	82.4

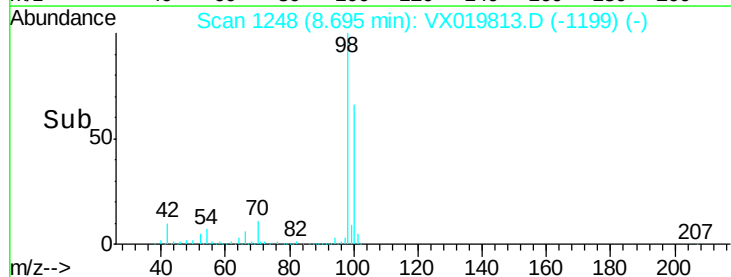
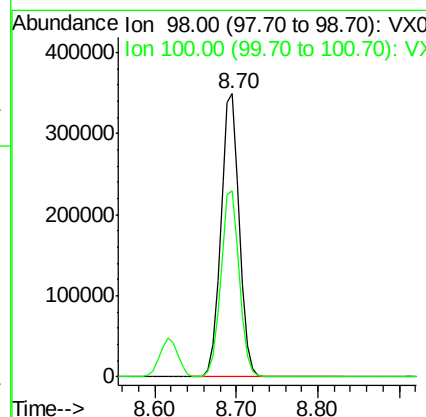
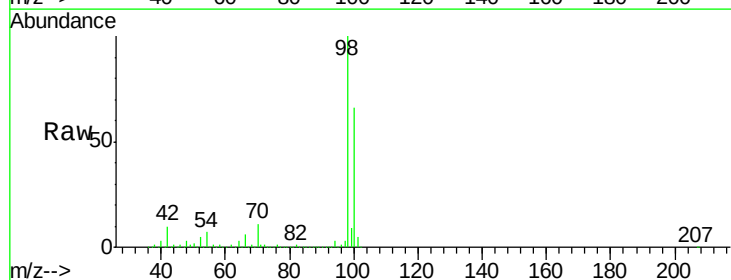
Manual Integrations
APPROVED

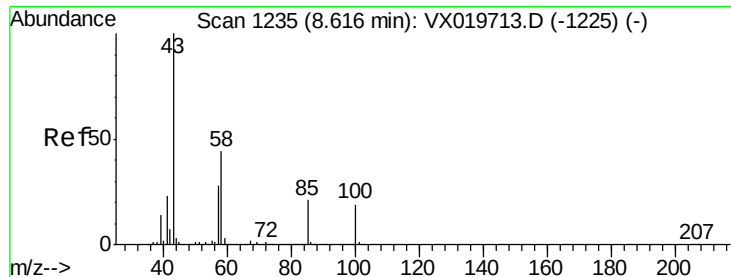
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#50
Toluene-d8
Concen: 47.419 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	51.9	77.9





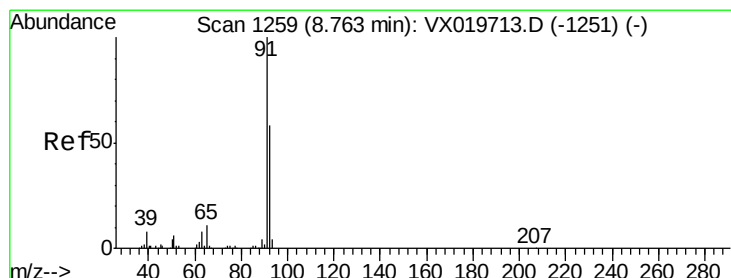
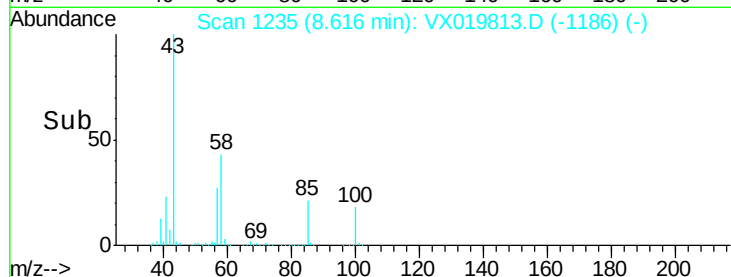
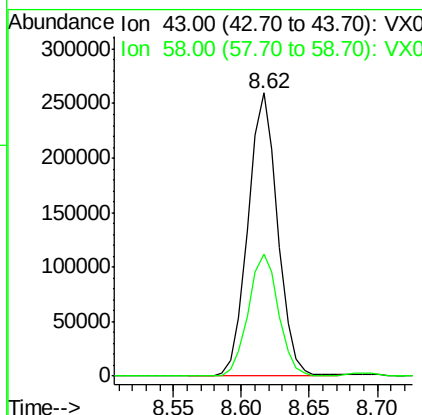
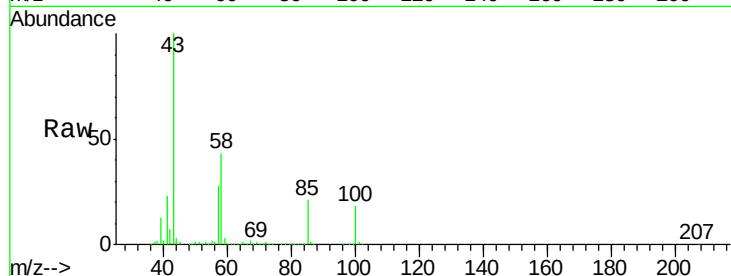
#51
4-Methyl-2-Pentanone
Concen: 92.776 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	43.9	35.4	53.0

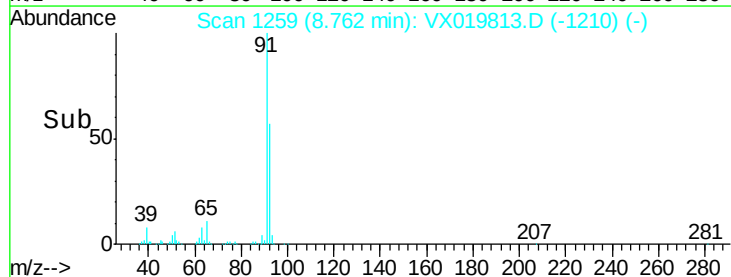
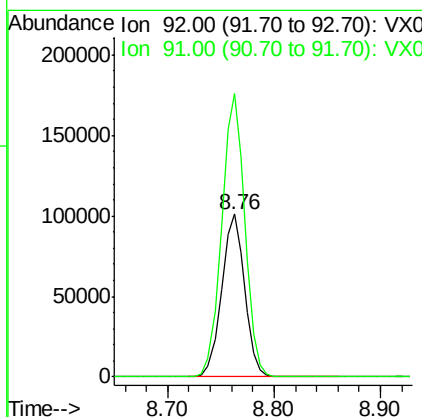
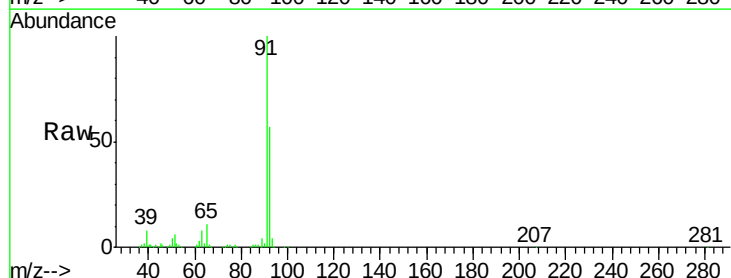
Manual Integrations
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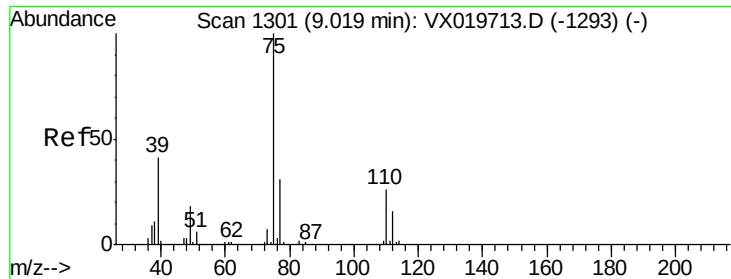
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#52
Toluene
Concen: 18.623 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.9	137.1	205.7





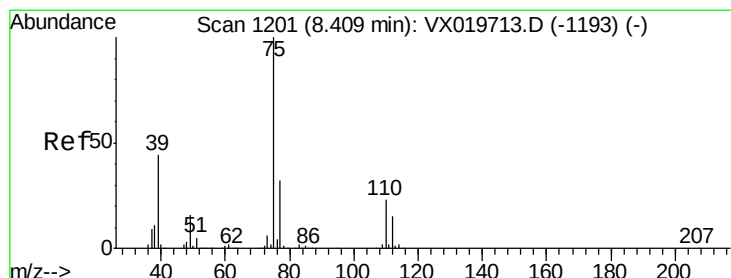
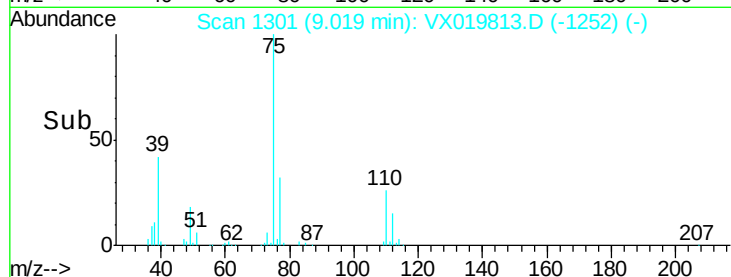
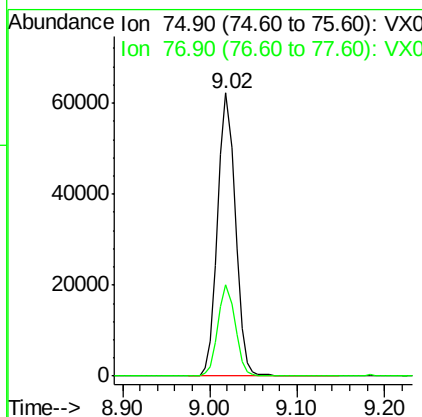
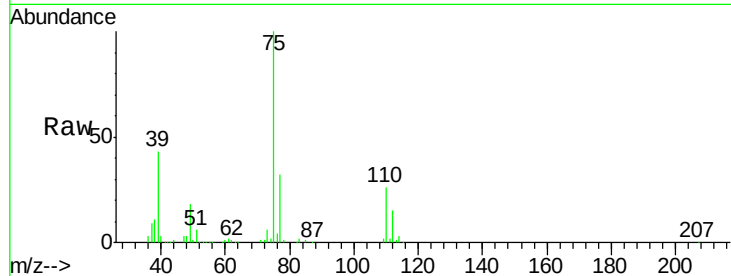
#53
t-1,3-Dichloropropene
Concen: 18.109 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.5	24.9	37.3

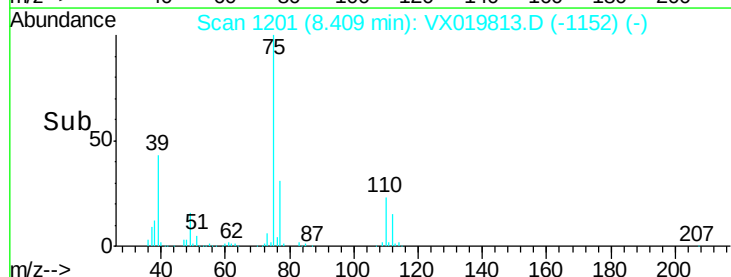
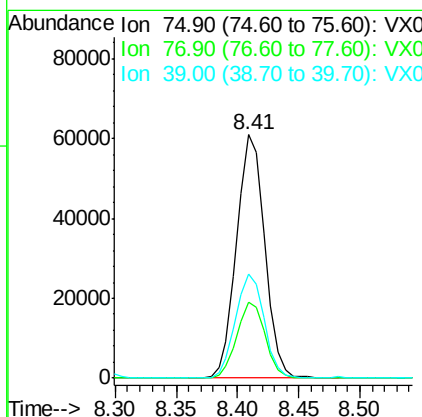
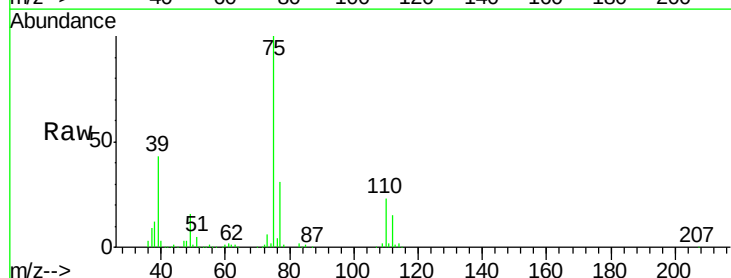
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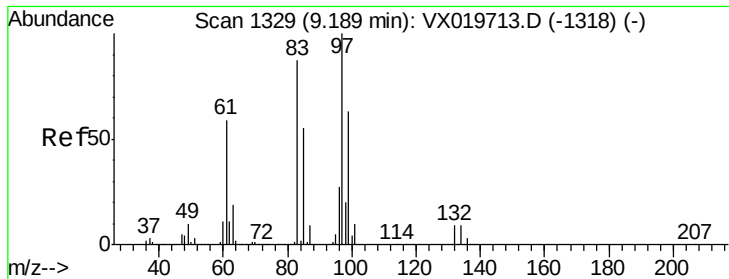
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 18.492 ug/l
RT: 8.41 min Scan# 1201
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.7	38.5
39	42.8	35.1	52.7





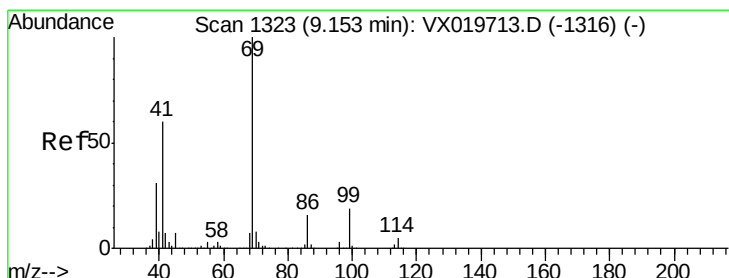
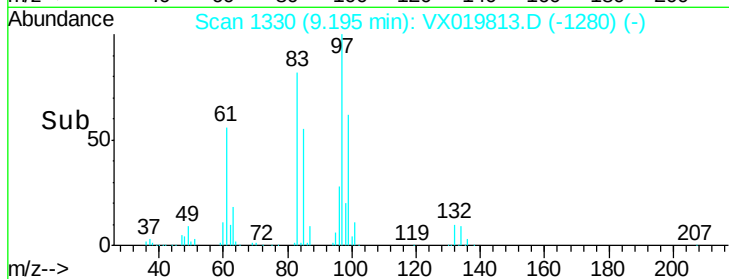
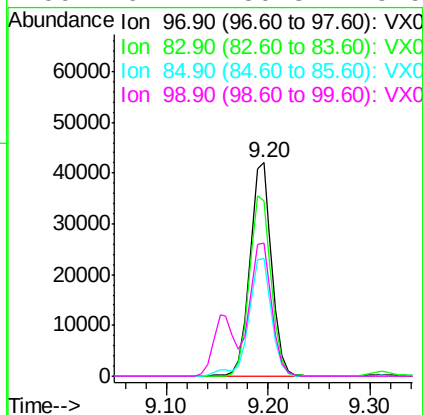
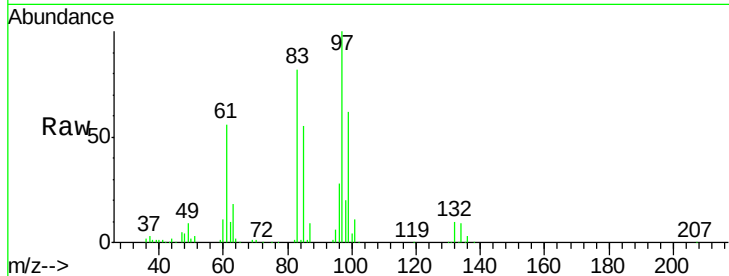
#55
 1,1,2-Trichloroethane
 Concen: 19.111 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019813.D
 Acq: 10 Dec 2020 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Tot Ion:	97	Resp:	62806
Ion	Ratio	Lower	Upper
97	100		
83	82.4	69.3	103.9
85	55.1	44.3	66.5
99	62.2	50.3	75.5

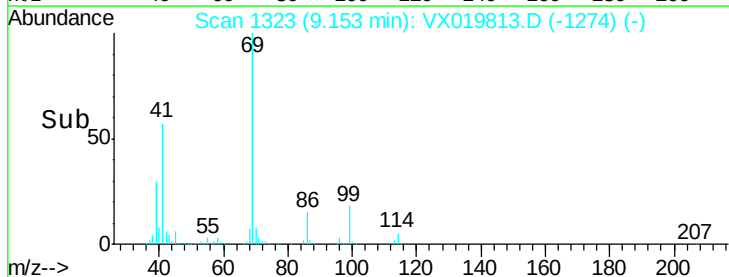
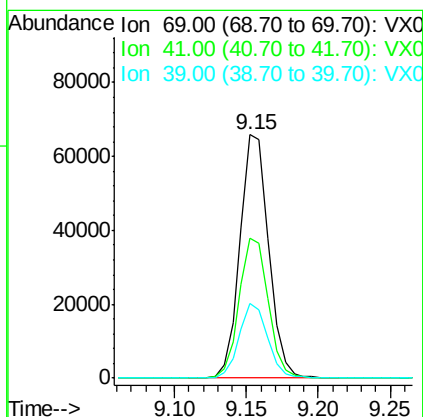
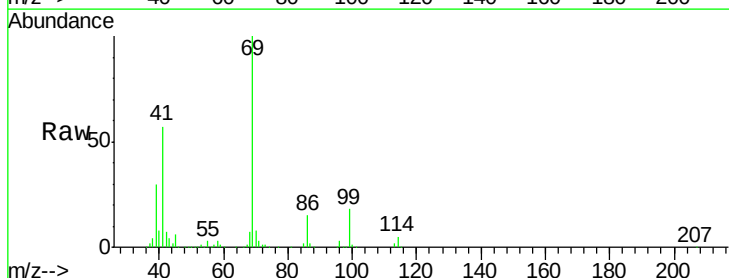
Manual Integrations
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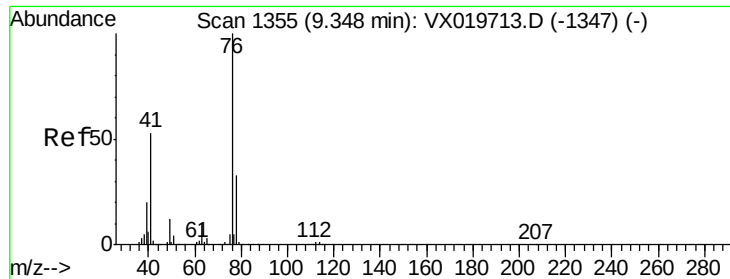
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#56
 Ethyl methacrylate
 Concen: 18.347 ug/l
 RT: 9.15 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX019813.D
 Acq: 10 Dec 2020 10:28

Tgt Ion:	69	Resp:	91226
Ion	Ratio	Lower	Upper
69	100		
41	58.4	46.8	70.2
39	30.5	24.7	37.1





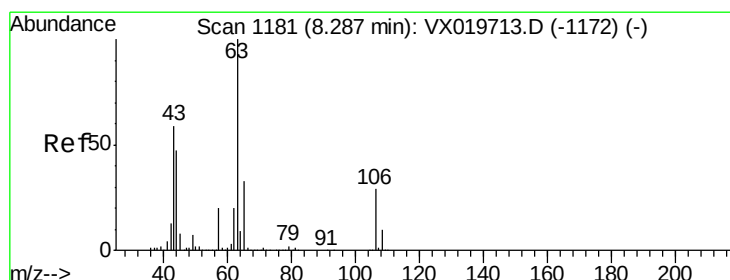
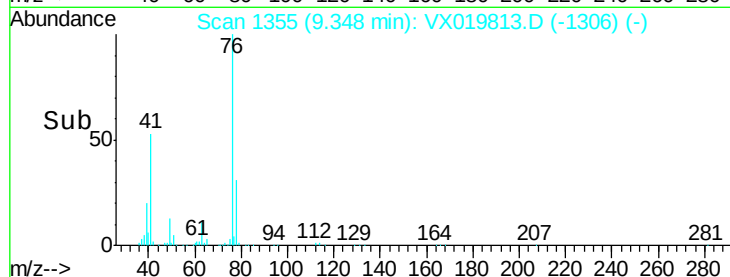
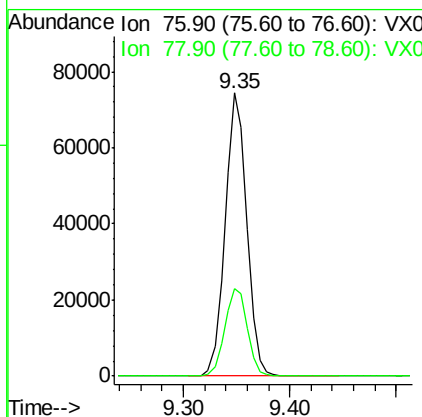
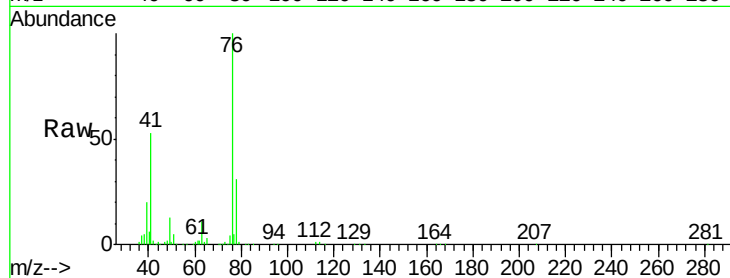
#57
 1,3-Dichloropropane
 Concen: 18.822 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. -0.00 min
 Lab File: VX019813.D
 Acq: 10 Dec 2020 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.2	39.2

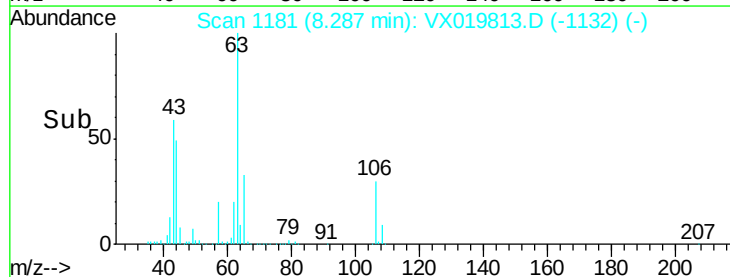
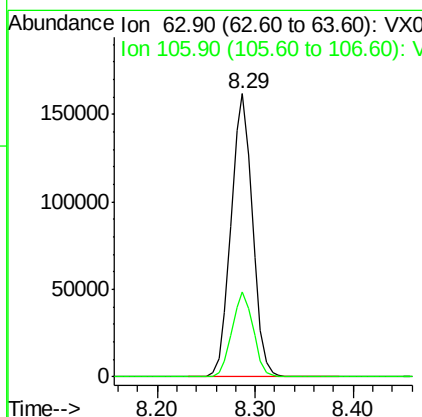
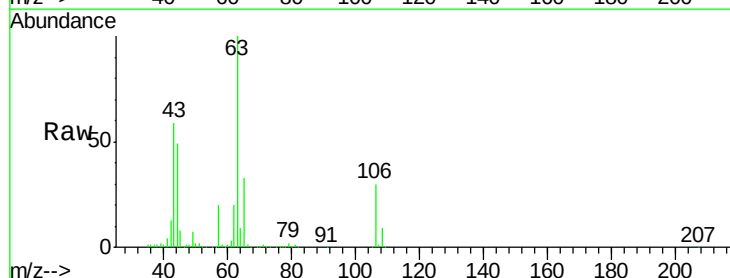
Manual Integrations
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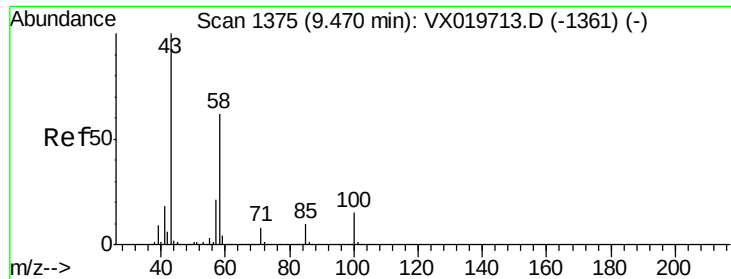
MMDadoda
 12/11/2020 12:45:52 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.933 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX019813.D
 Acq: 10 Dec 2020 10:28

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.8	23.5	35.3





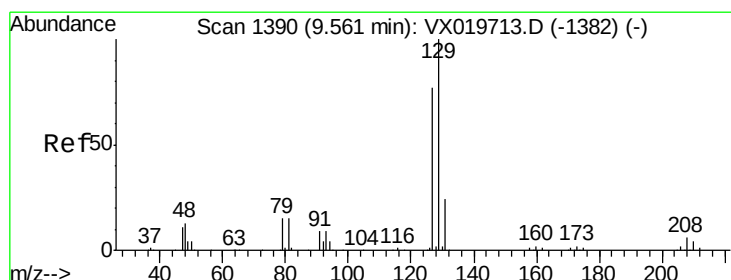
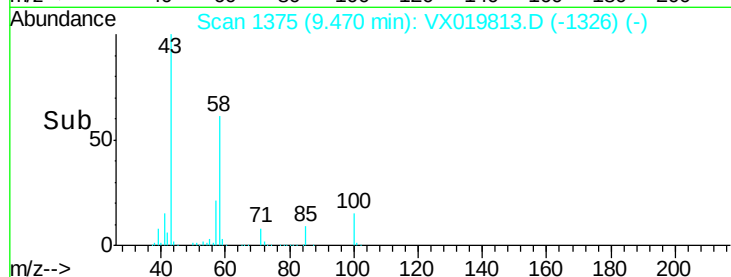
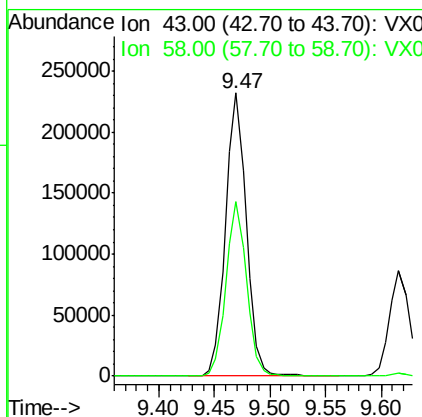
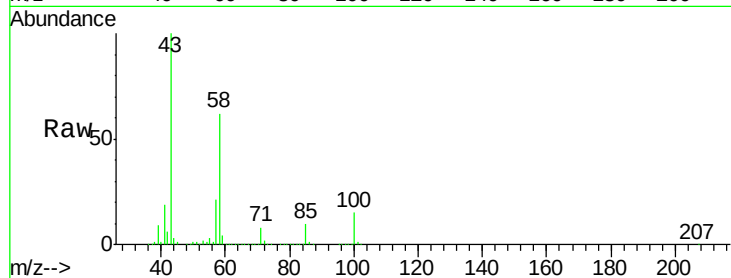
#59
2-Hexanone
Concen: 90.617 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.1	30.9	92.8

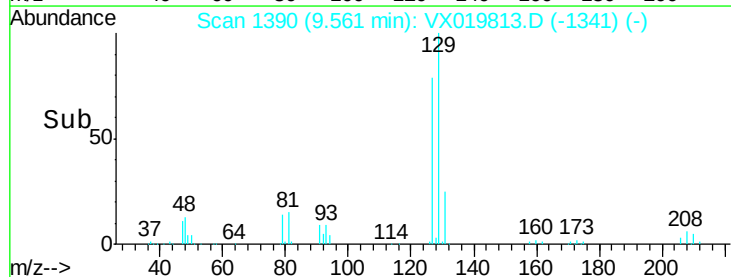
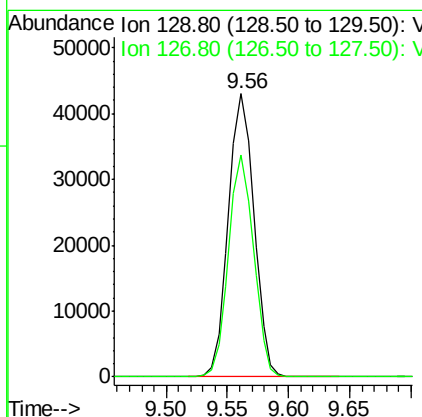
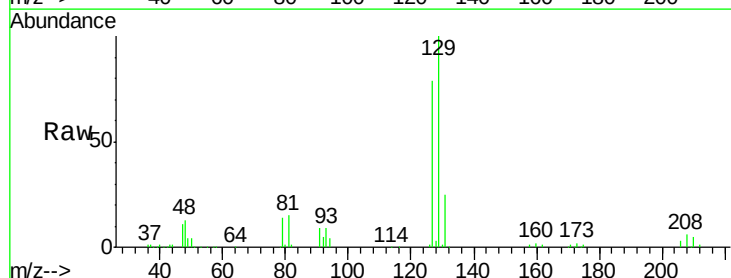
Manual Integrations
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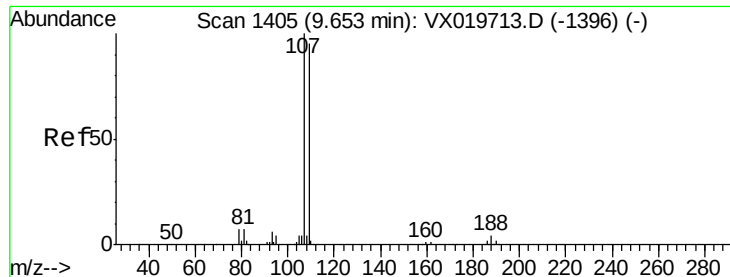
MMDadoda
12/11/2020 12:45:52 PM



#60
Dibromochloromethane
Concen: 18.765 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.8	38.4	115.2





#61

1,2-Dibromoethane

Concen: 18.724 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion: 107 Resp: 65340

Ion Ratio Lower Upper

107 100

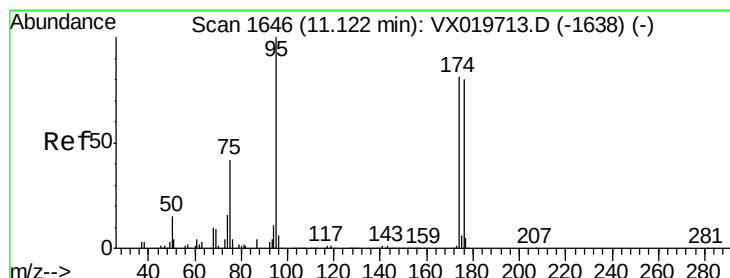
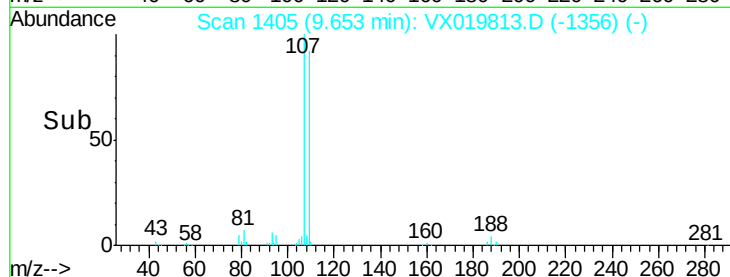
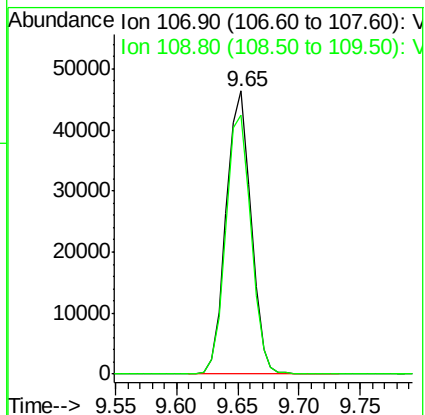
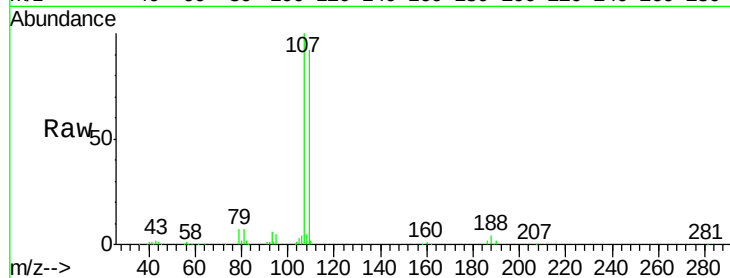
109 93.2 75.8 113.6

Manual Integrations

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12/11/2020 12:45:52 PM



#62

4-Bromofluorobenzene

Concen: 46.648 ug/l

RT: 11.12 min Scan# 1645

Delta R.T. -0.01 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

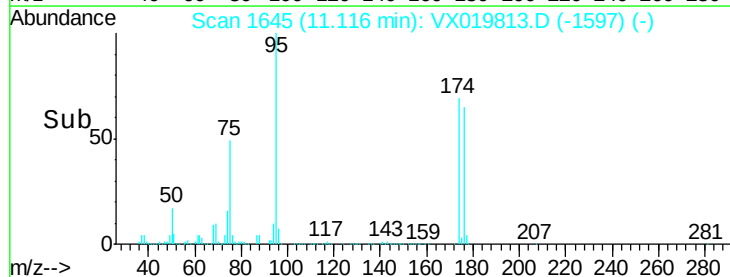
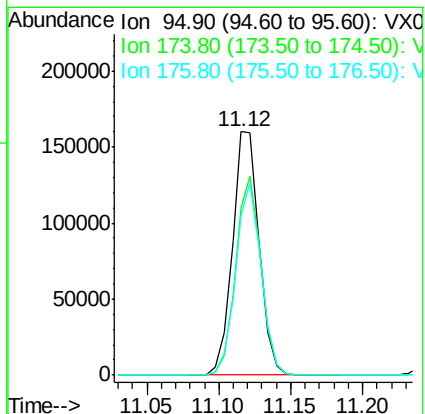
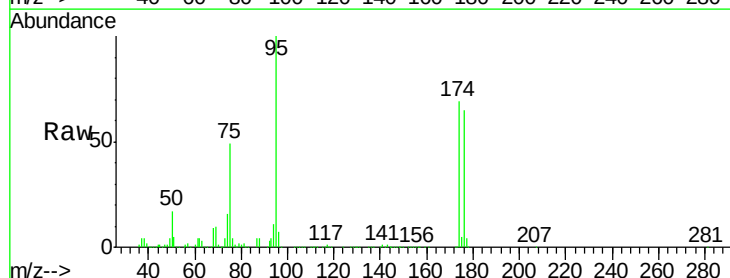
Tgt Ion: 95 Resp: 206932

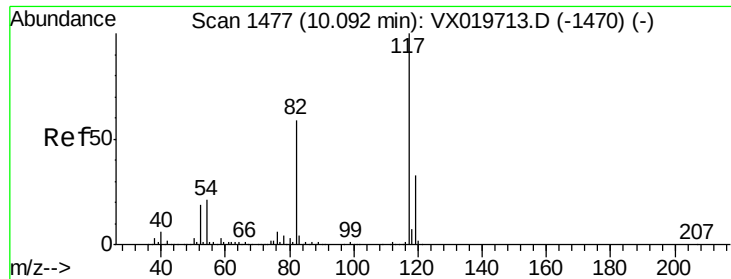
Ion Ratio Lower Upper

95 100

174 77.3 0.0 154.6

176 75.2 0.0 155.8





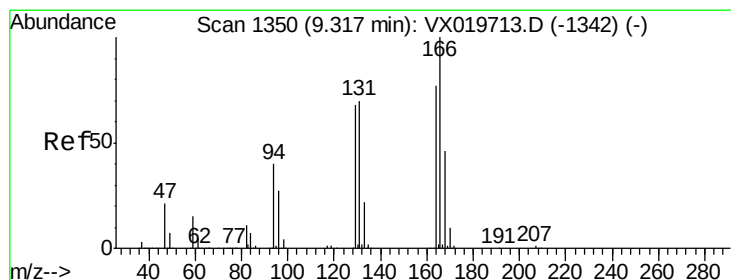
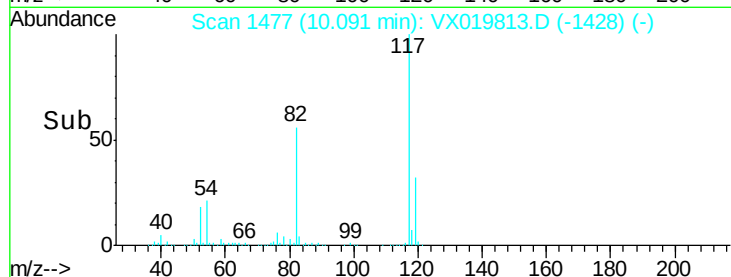
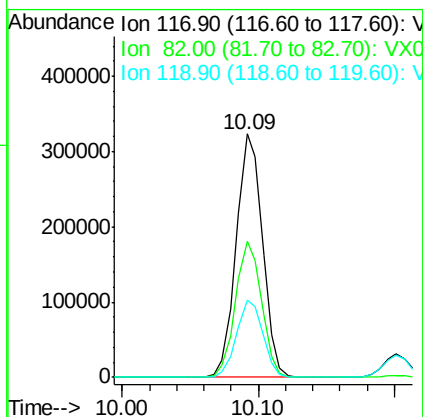
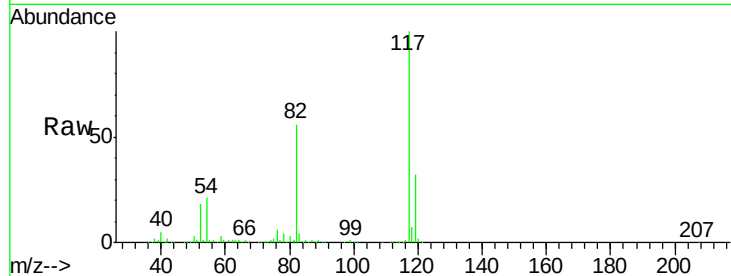
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	47.4	71.2
119	31.5	26.6	39.8

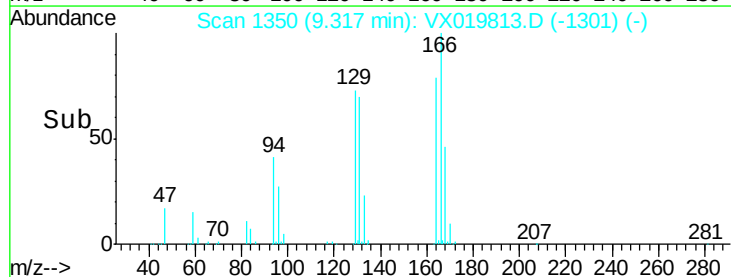
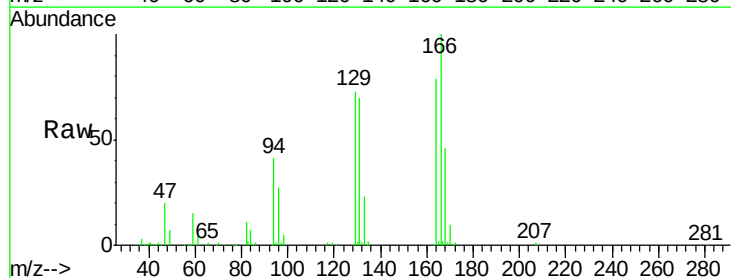
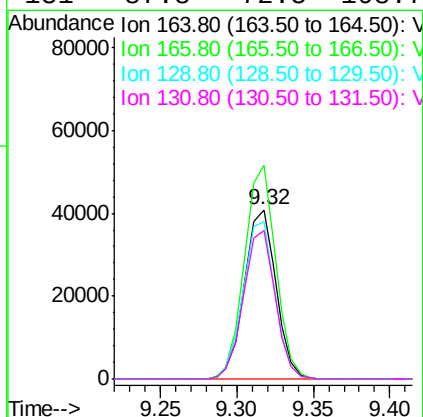
Manual Integrations
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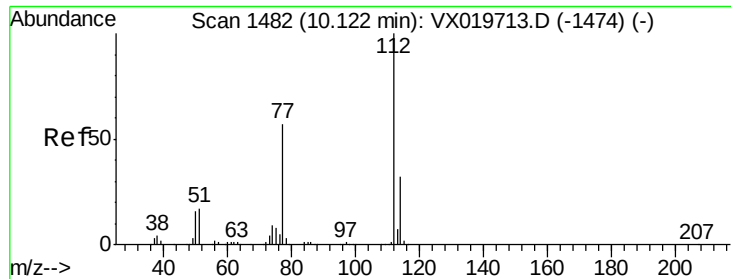
MMDadoda
12/11/2020 12:45:52 PM



#64
Tetrachloroethene
Concen: 20.166 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.1	103.4	155.2
129	92.7	70.8	106.2
131	87.8	72.5	108.7





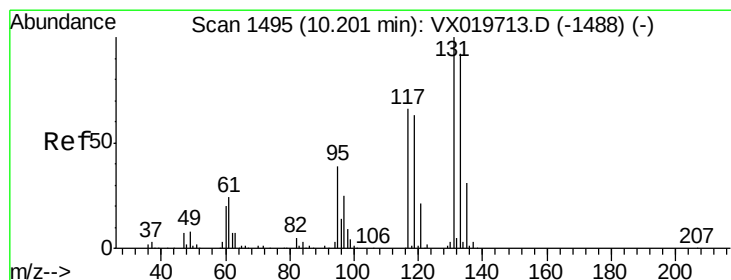
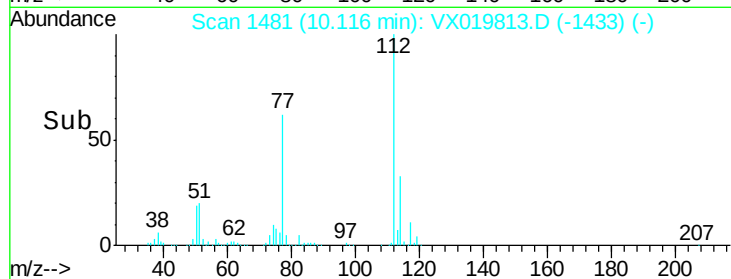
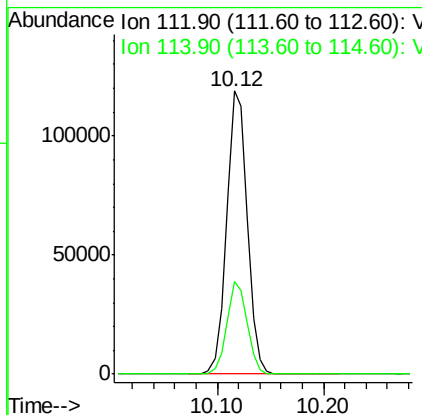
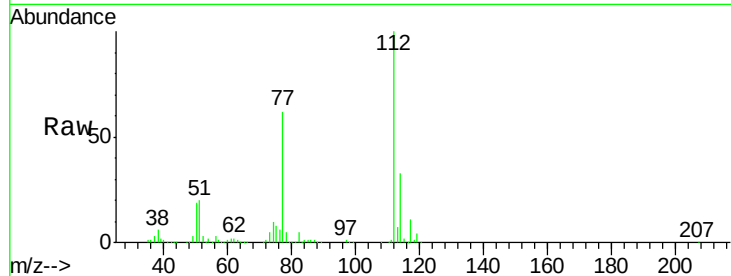
#65
Chlorobenzene
Concen: 18.629 ug/l
RT: 10.12 min Scan# 1481
Delta R.T. -0.01 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.8	38.6

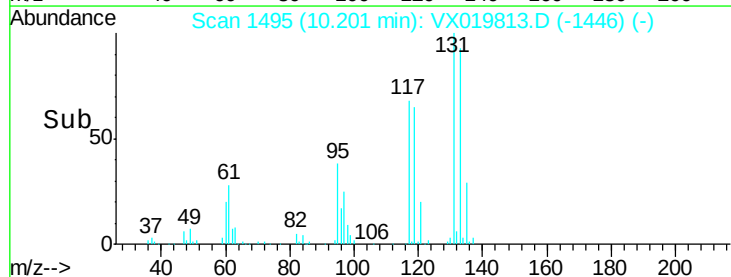
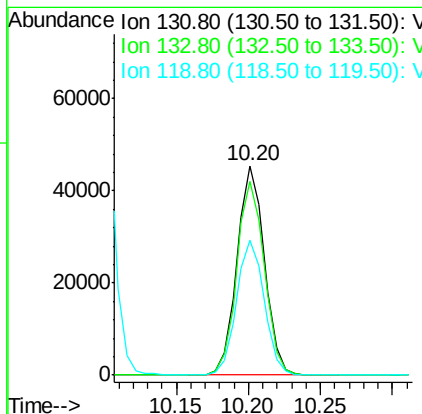
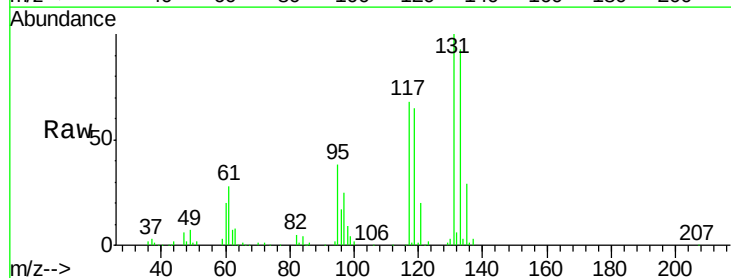
Manual Integrations
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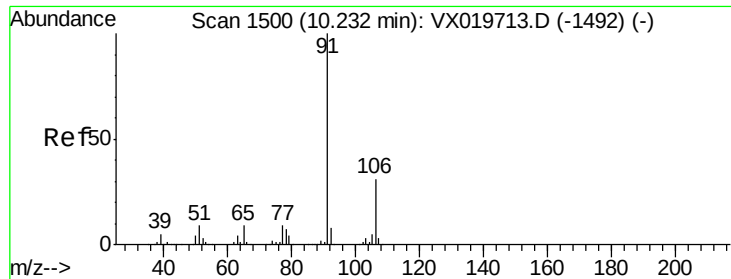
MMDadoda
12/11/2020 12:45:52 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.327 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.1	47.7	143.1
119	65.4	32.1	96.5





#67

Ethyl Benzene

Concen: 18.743 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion: 91 Resp: 288316

Ion Ratio Lower Upper

91 100

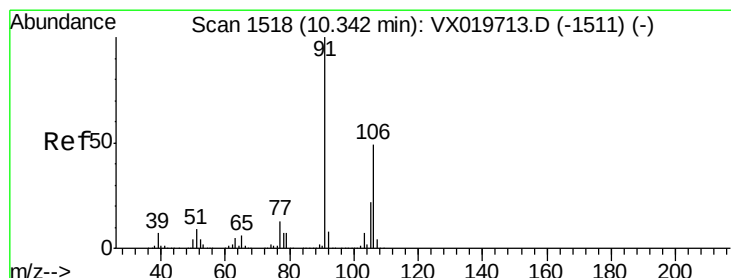
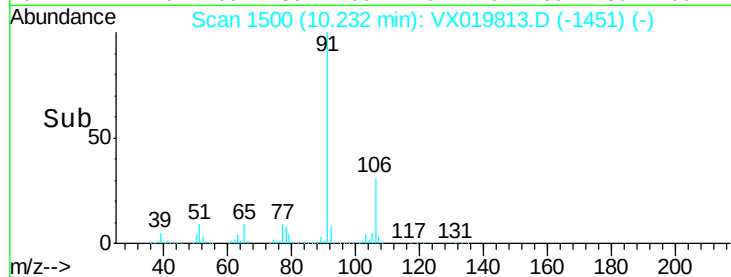
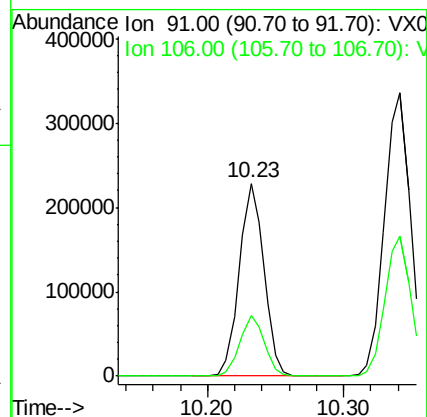
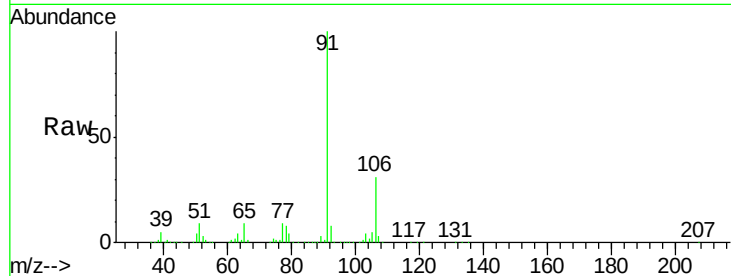
106 31.3 24.6 37.0

Manual Integrations

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12/11/2020 12:45:52 PM



#68

m/p-Xylenes

Concen: 38.020 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019813.D

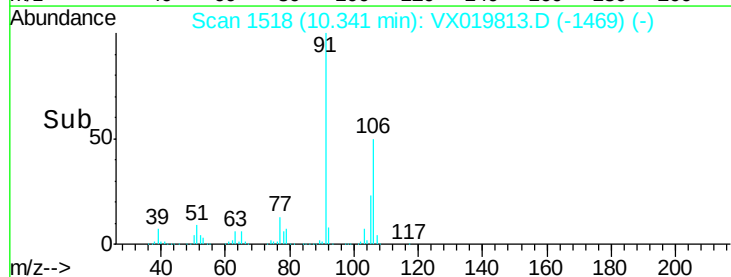
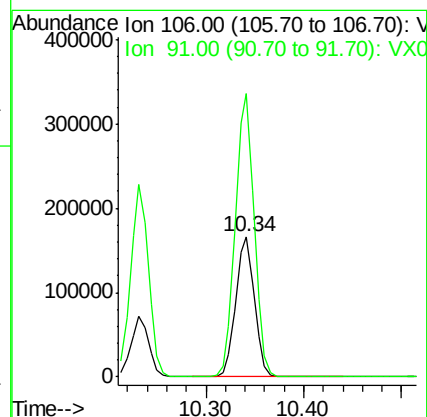
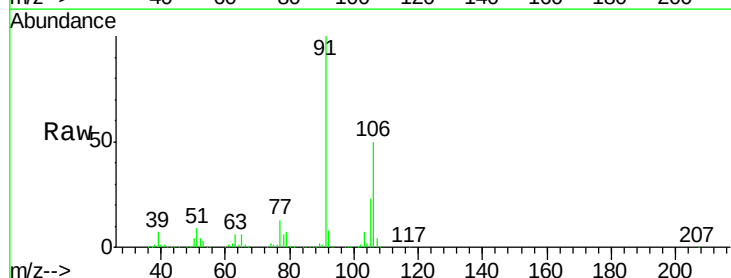
Acq: 10 Dec 2020 10:28

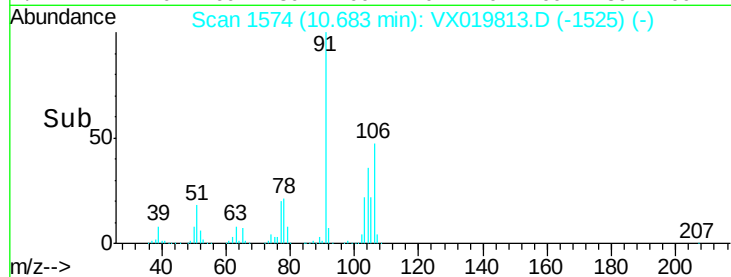
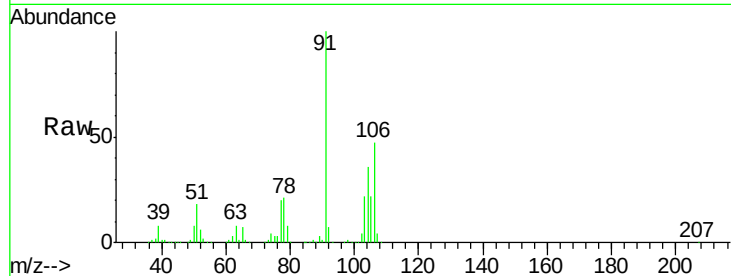
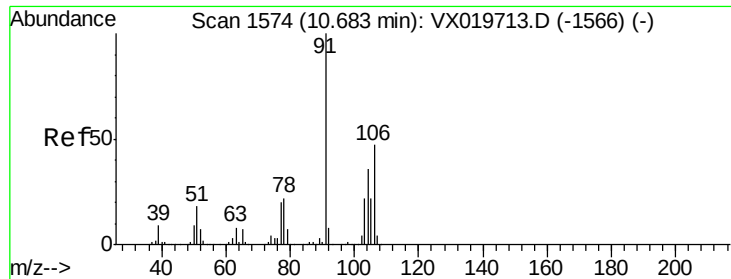
Tgt Ion: 106 Resp: 220376

Ion Ratio Lower Upper

106 100

91 203.4 162.8 244.2





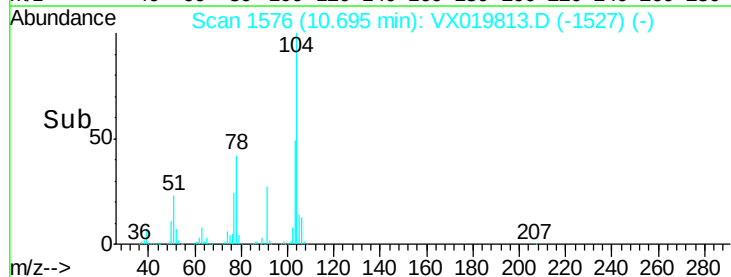
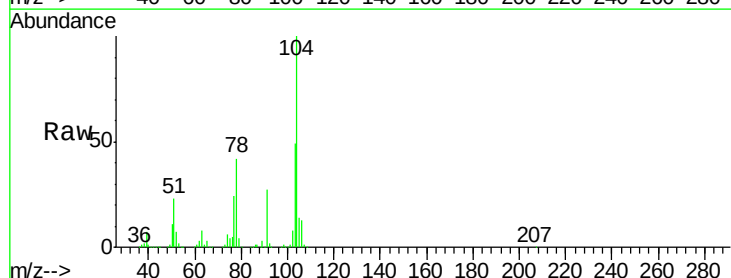
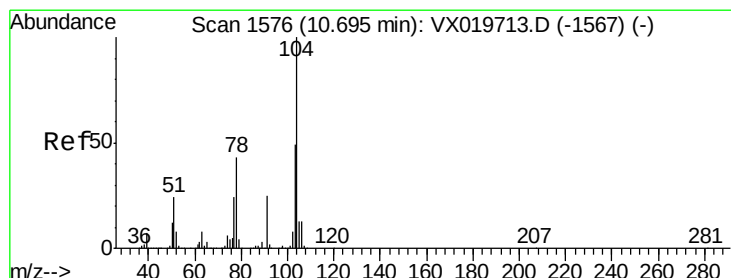
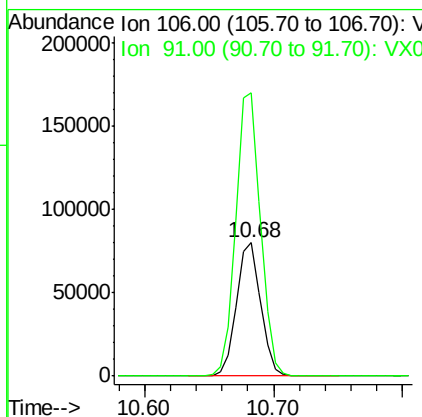
#69
o-Xylene
Concen: 18.779 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Tot Ion:106 Resp: 104704
Ion Ratio Lower Upper
106 100
91 217.5 108.1 324.2

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

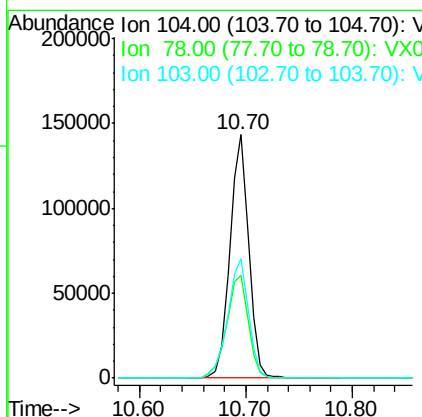
Manual Integrations
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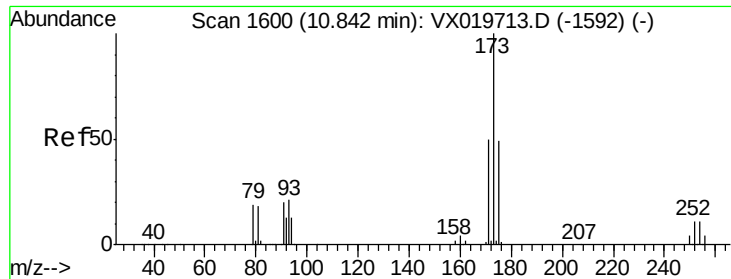
MMDadoda
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#70
Styrene
Concen: 18.847 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Tgt Ion:104 Resp: 177368
Ion Ratio Lower Upper
104 100
78 49.0 40.0 60.0
103 54.6 43.4 65.0





#71

Bromoform

Concen: 17.835 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion:173 Resp: 43763

Ion Ratio Lower Upper

173 100

175 48.1 23.9 71.8

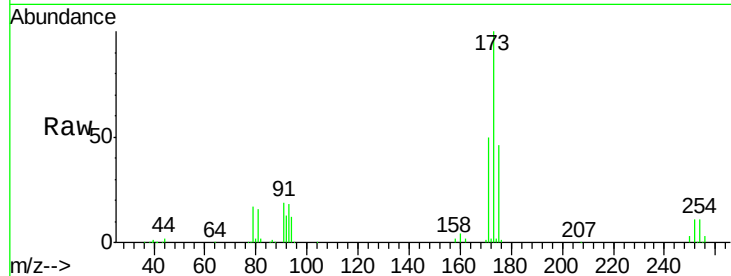
254 0.1 0.1 0.1

Manual Integrations

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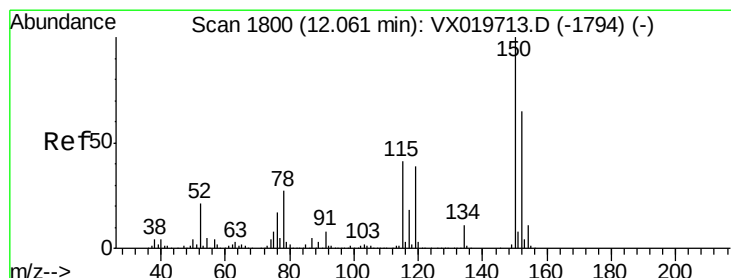
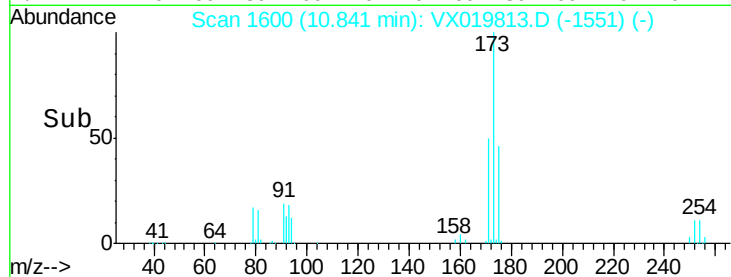
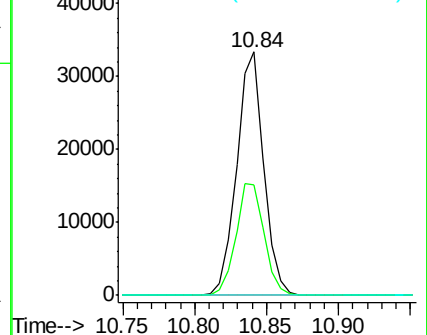
12/11/2020 12:45:52 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

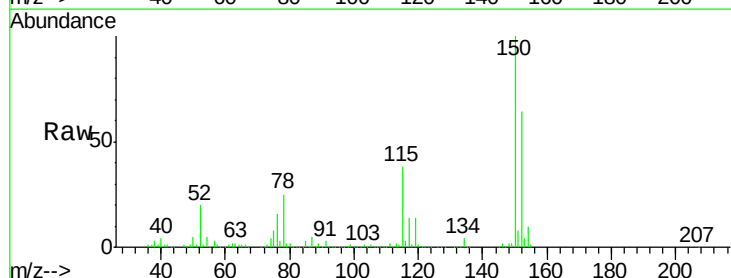
Tgt Ion:152 Resp: 211284

Ion Ratio Lower Upper

152 100

115 67.4 41.1 123.3

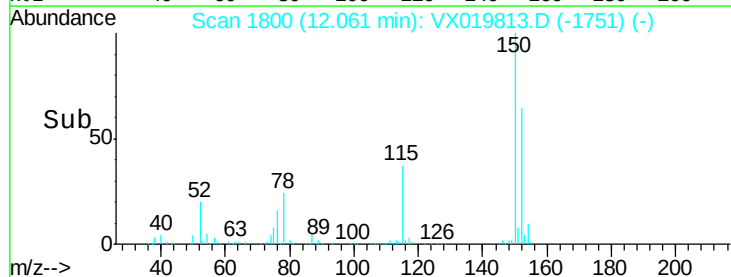
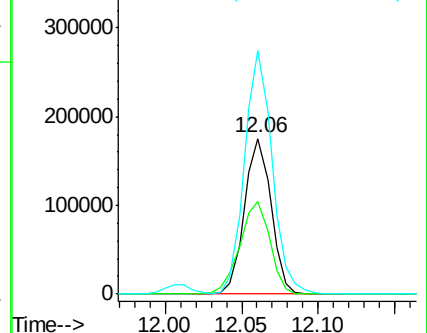
150 162.2 0.0 349.0

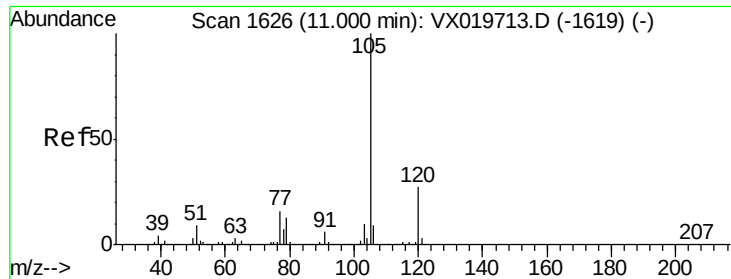


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





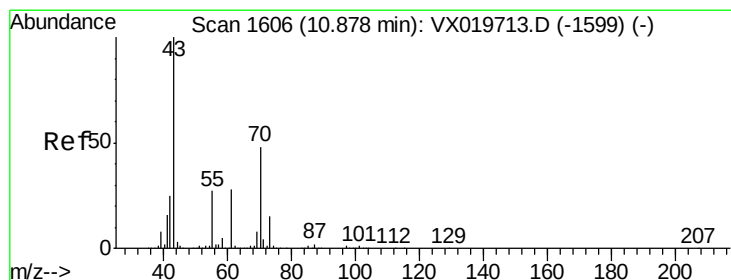
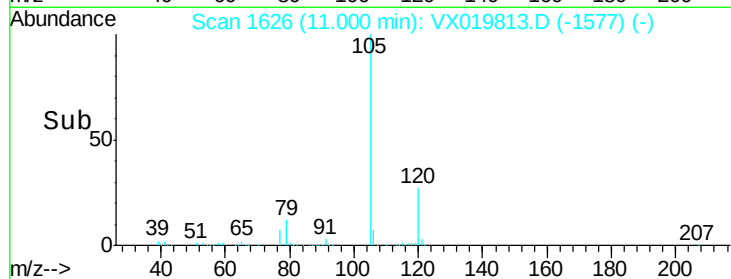
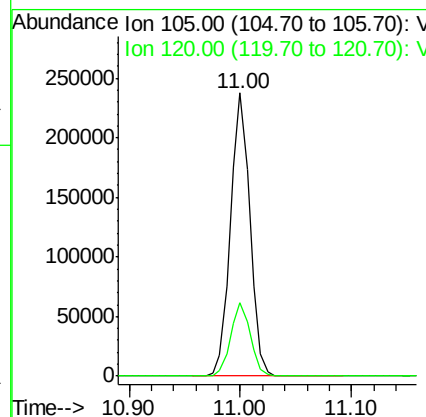
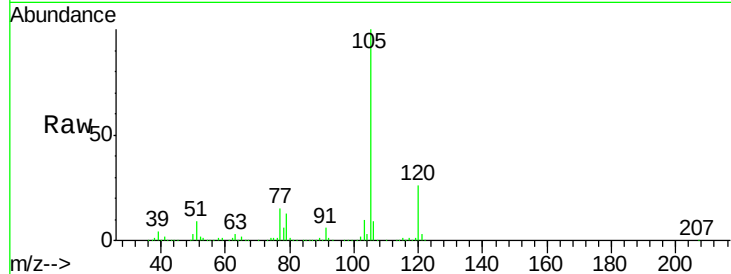
#73
Isopropylbenzene
Concen: 19.837 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	286345		
120	26.0	13.2	39.6	

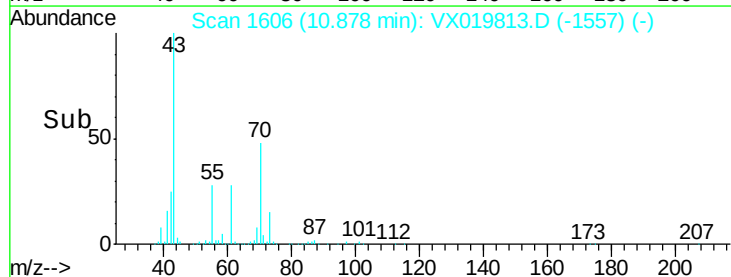
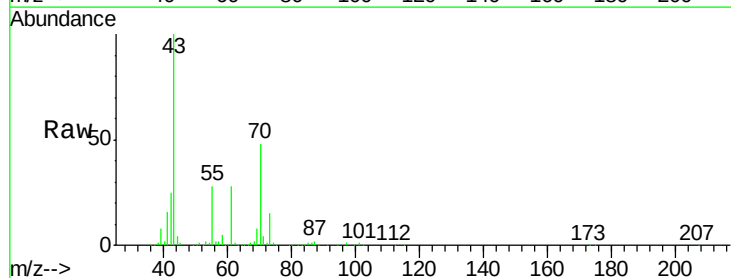
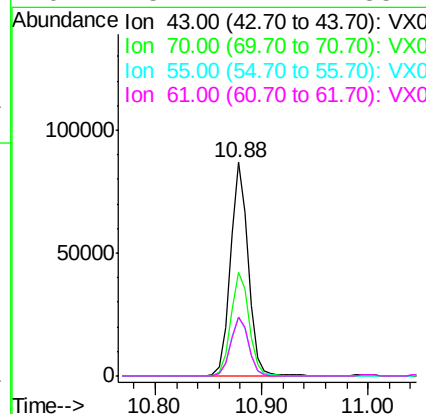
Manual Integrations
APPROVED

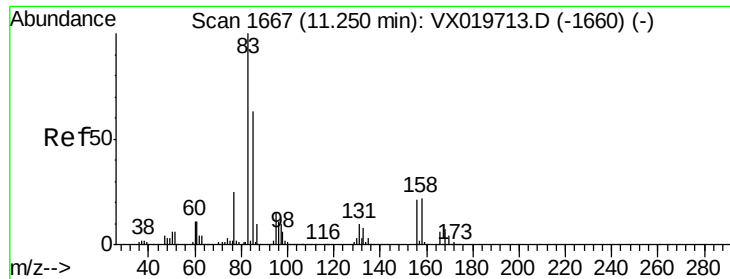
MMDadoda
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#74
N-ethyl acetate
Concen: 17.527 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	101389		
70	50.1	39.0	58.6	
55	28.6	21.5	32.3	
61	28.1	22.1	33.1	





#75

1,1,2,2-Tetrachloroethane

Concen: 19.141 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

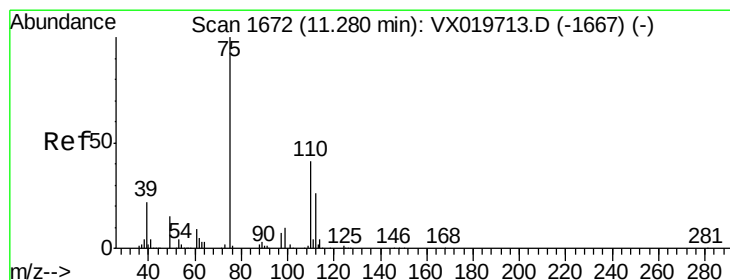
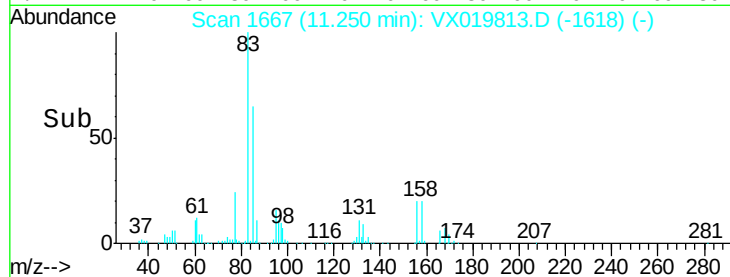
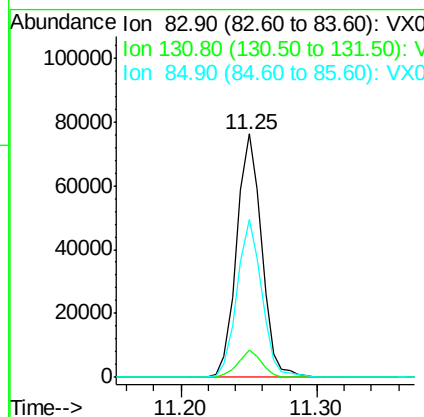
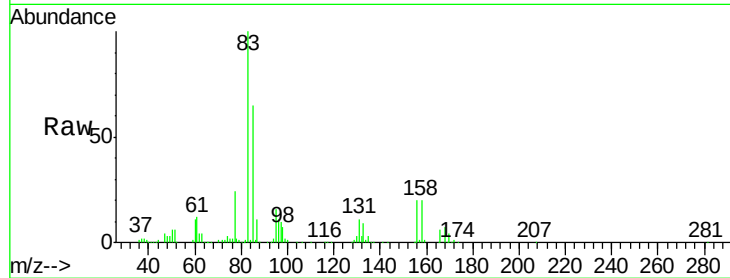
ClientSampleId :

VX1210WBS01

Tot Ion:	83	Resp:	97409
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.2
85	64.4	31.8	95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.017 ug/l m

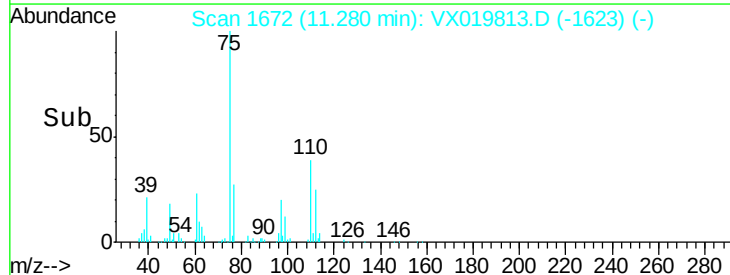
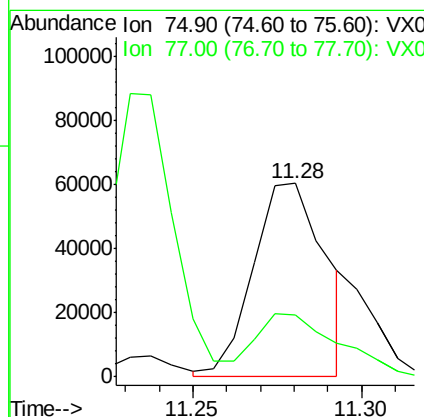
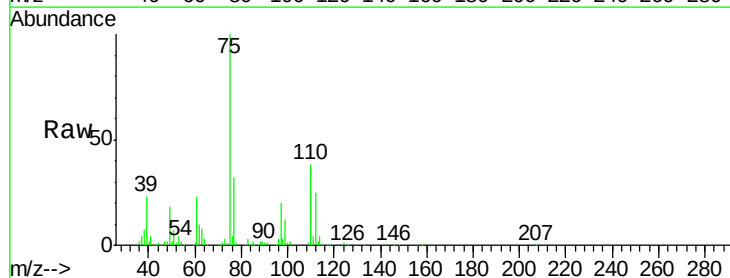
RT: 11.28 min Scan# 1672

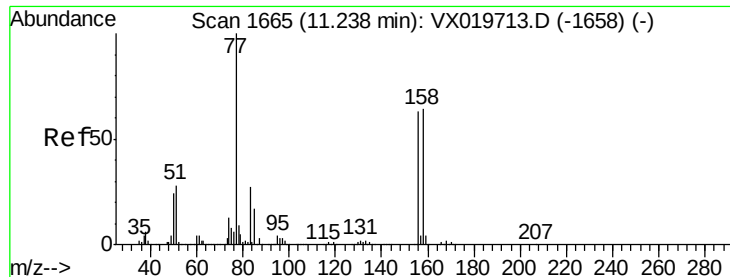
Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Tgt Ion:	75	Resp:	90117
Ion Ratio	Lower	Upper	
75	100		
77	37.2	19.1	57.5





#77

Bromobenzene

Concen: 19.296 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

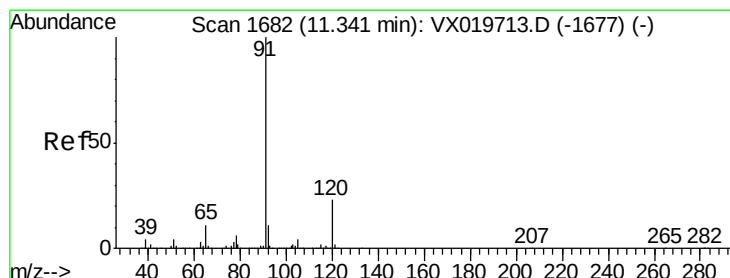
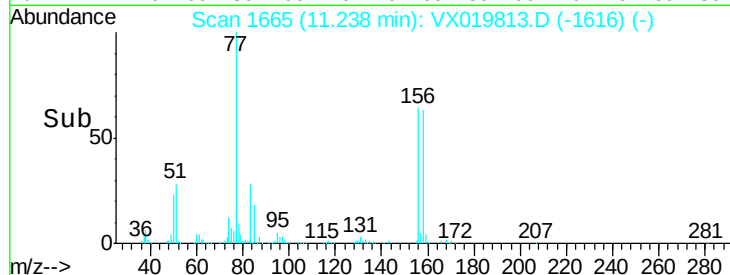
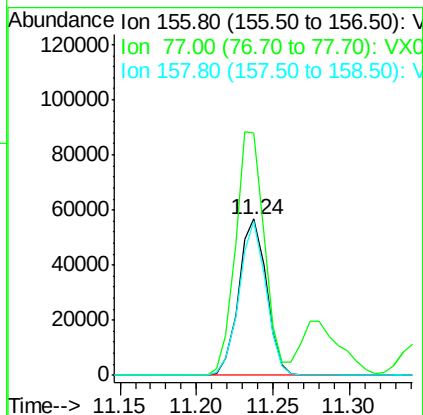
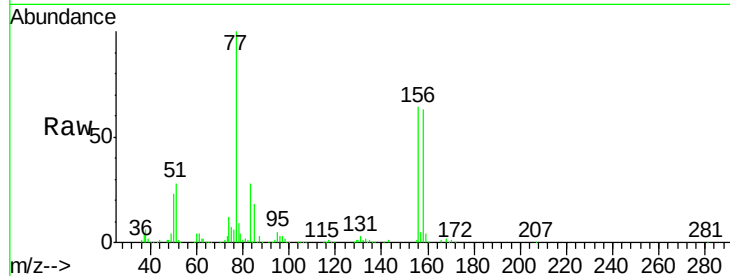
ClientSampleId :

VX1210WBS01

Tot Ion:	156	Resp:	71281
Ion Ratio	Lower	Upper	
156	100		
77	162.1	82.8	248.6
158	95.5	49.1	147.4

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#78

n-propylbenzene

Concen: 19.731 ug/l

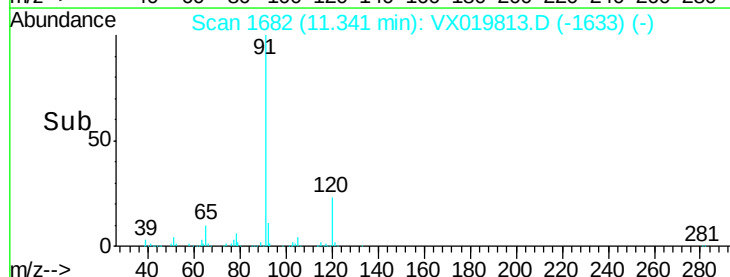
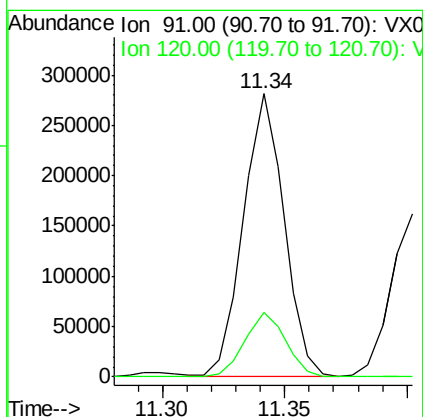
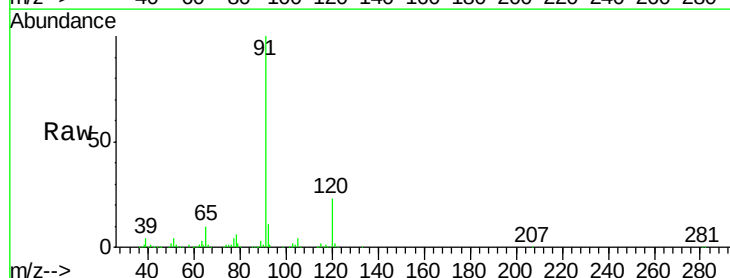
RT: 11.34 min Scan# 1682

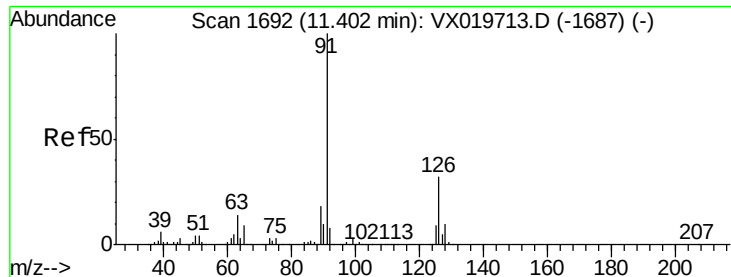
Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Tgt Ion:	91	Resp:	325301
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.5	34.5





#79

2-Chlorotoluene

Concen: 19.477 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion: 91 Resp: 197751

Ion Ratio Lower Upper

91 100

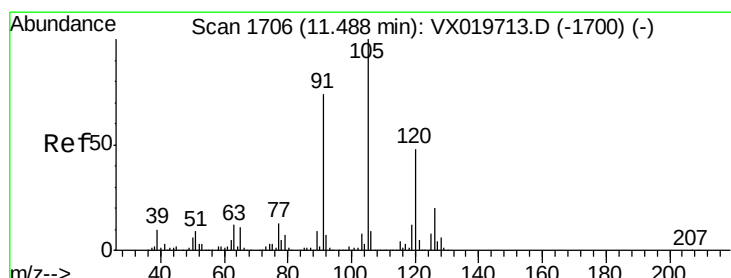
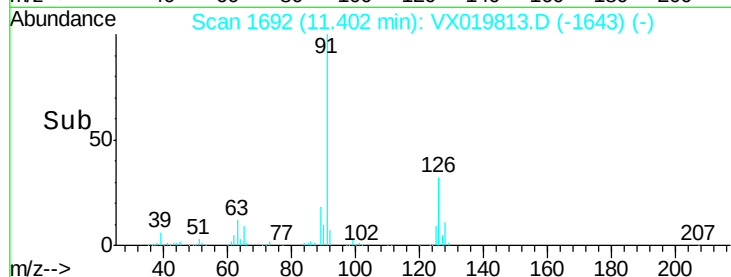
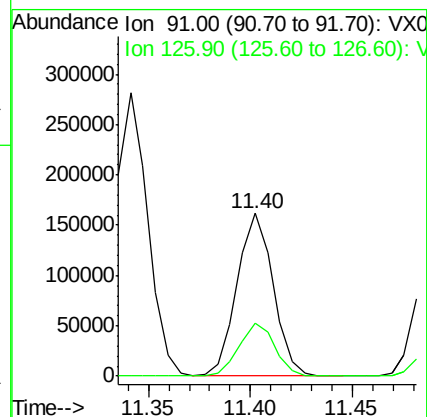
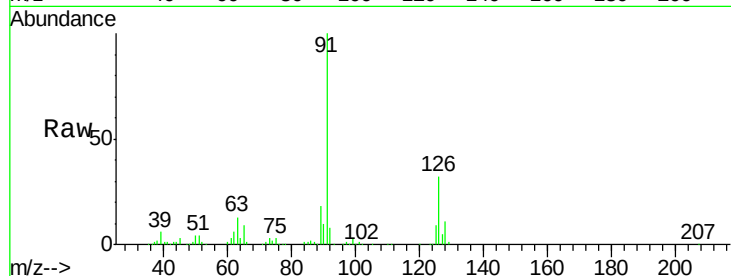
126 32.3 16.6 49.8

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#80

1,3,5-Trimethylbenzene

Concen: 19.598 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019813.D

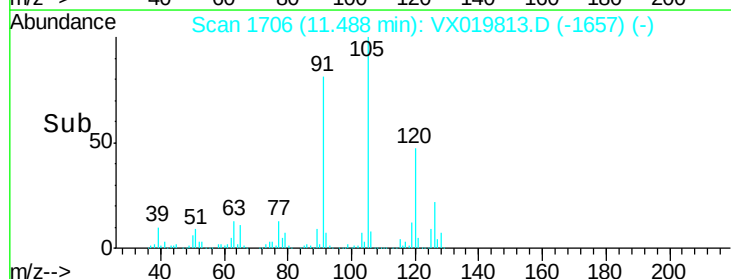
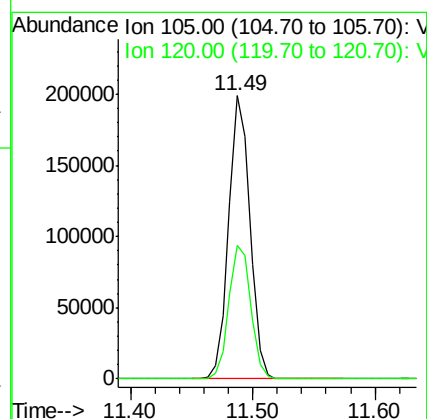
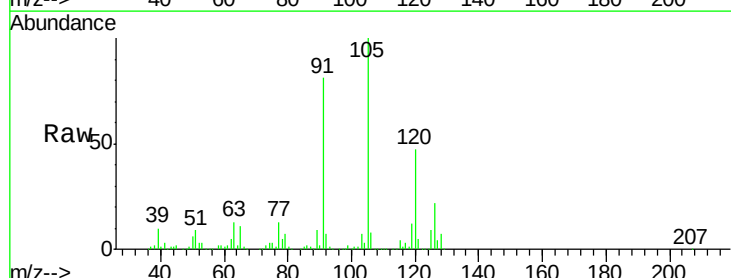
Acq: 10 Dec 2020 10:28

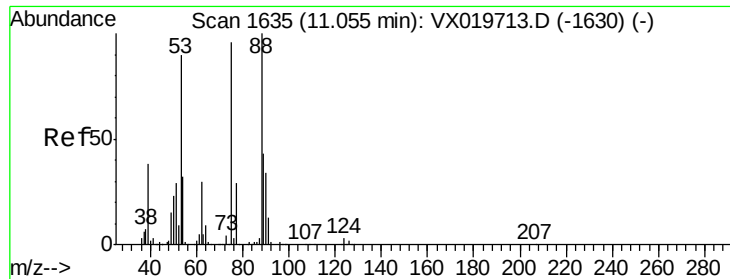
Tgt Ion: 105 Resp: 238755

Ion Ratio Lower Upper

105 100

120 48.8 23.8 71.5





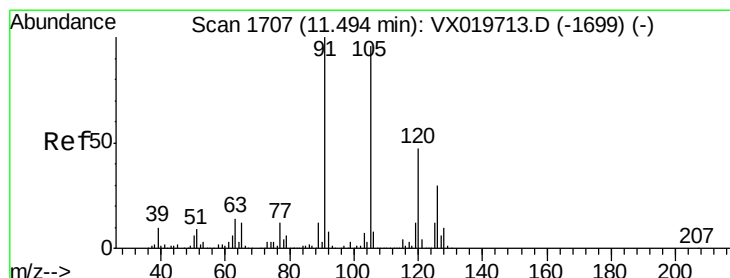
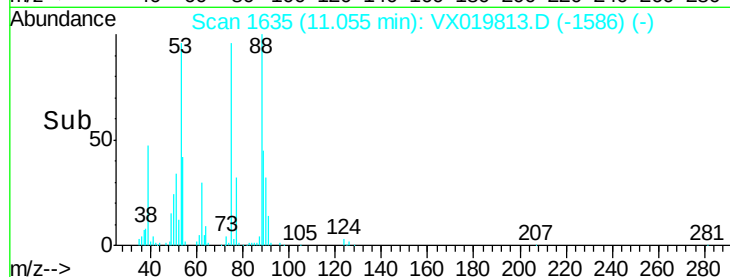
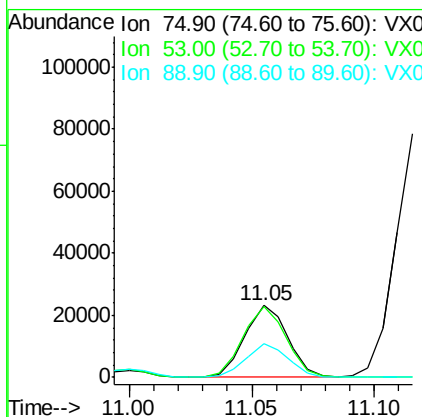
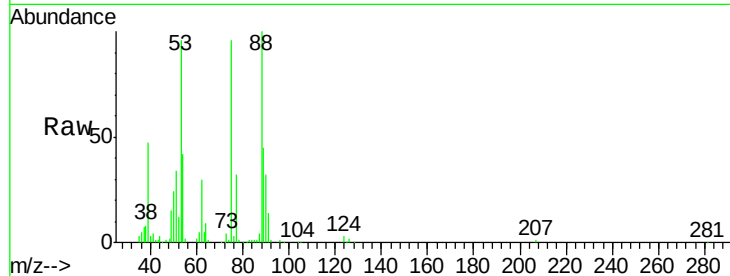
#81
trans-1,4-Dichloro-2-butene
Concen: 17.553 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.0	74.5	111.7
89	45.3	37.9	56.9

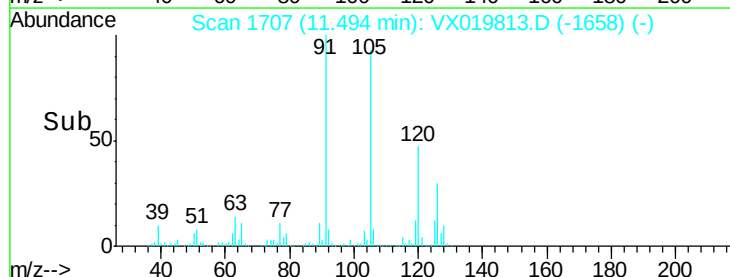
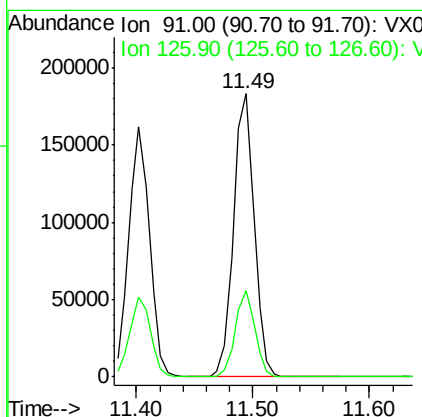
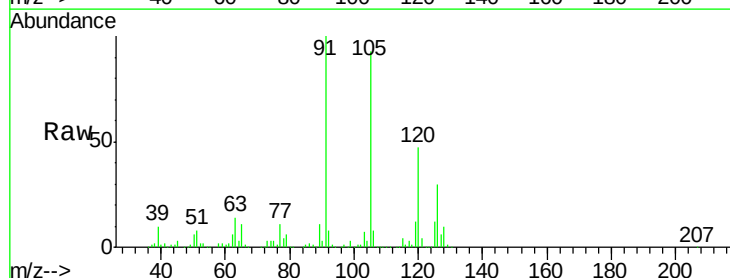
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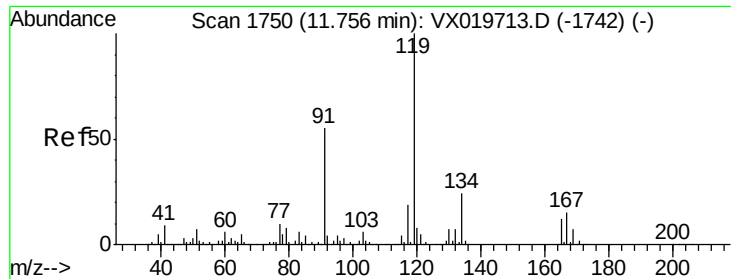
MMDadoda
12/11/2020 12:45:52 PM



#82
4-Chlorotoluene
Concen: 19.178 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.0	14.9	44.5





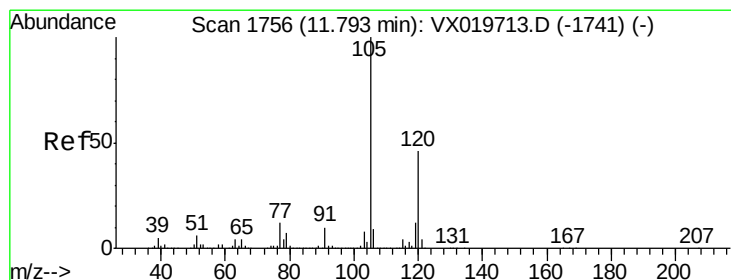
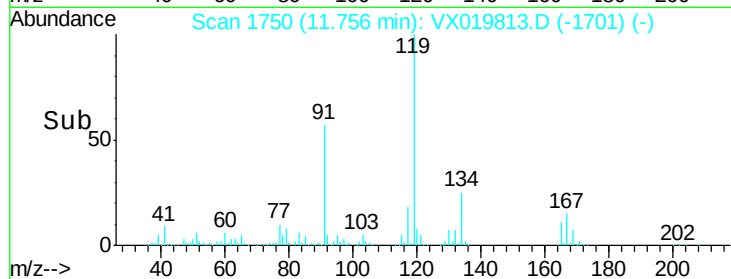
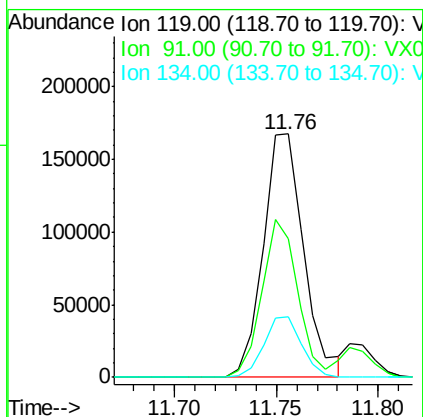
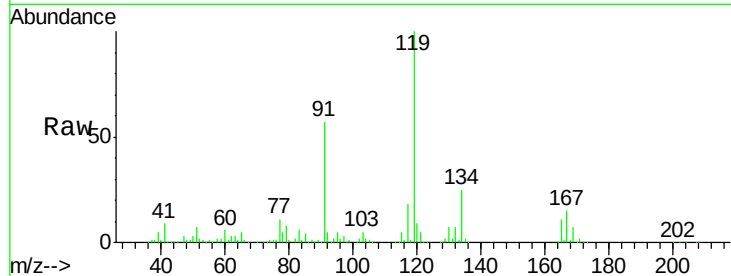
#83
tert-Butylbenzene
Concen: 19.433 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	232183		
91	57.5		27.9	83.7
134	23.2		11.3	33.9

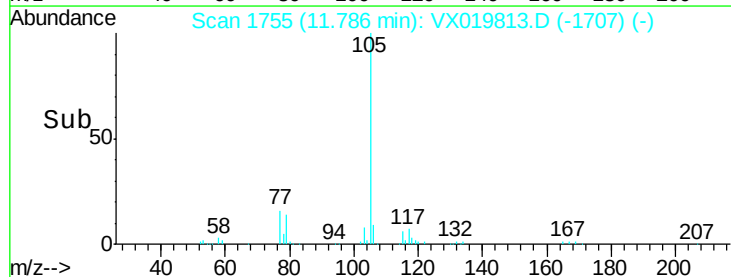
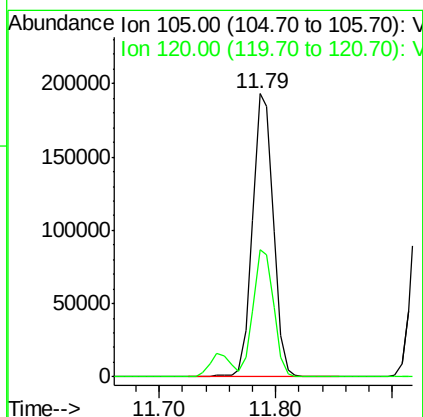
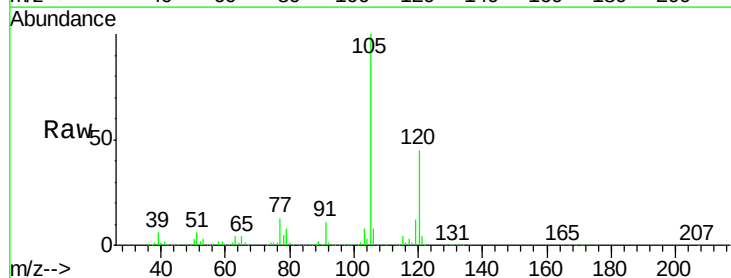
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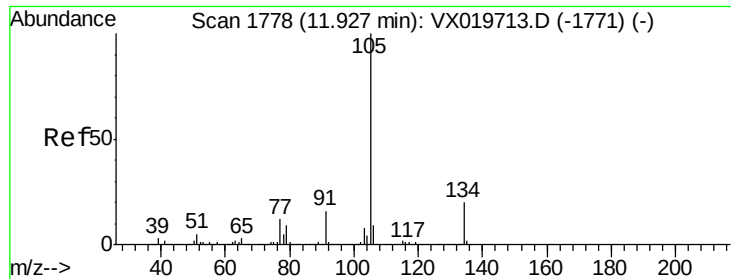
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#84
1,2,4-Trimethylbenzene
Concen: 19.720 ug/l
RT: 11.79 min Scan# 1755
Delta R.T. -0.01 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	241994		
120	44.2		22.4	67.3





#85

sec-Butylbenzene

Concen: 19.711 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion:105 Resp: 268882

Ion Ratio Lower Upper

105 100

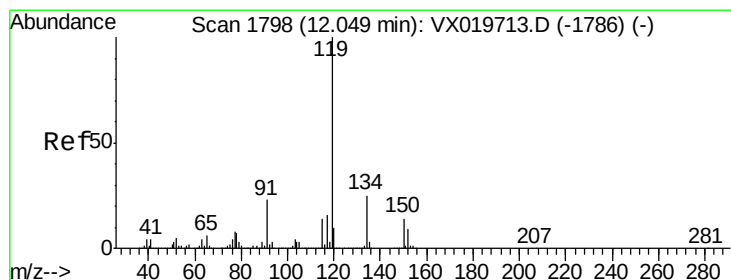
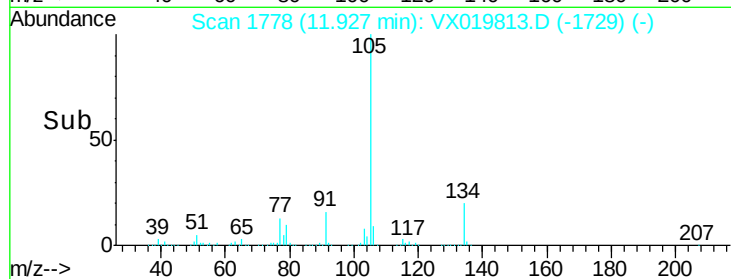
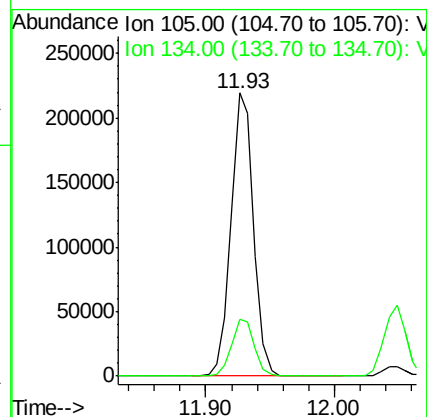
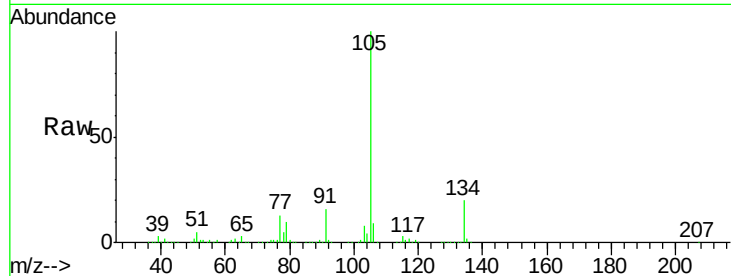
134 20.3 10.0 29.8

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#86

p-Isopropyltoluene

Concen: 19.846 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

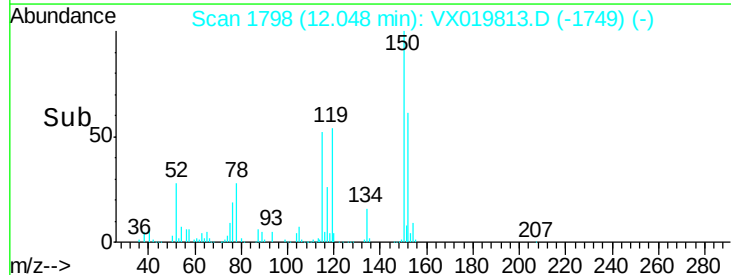
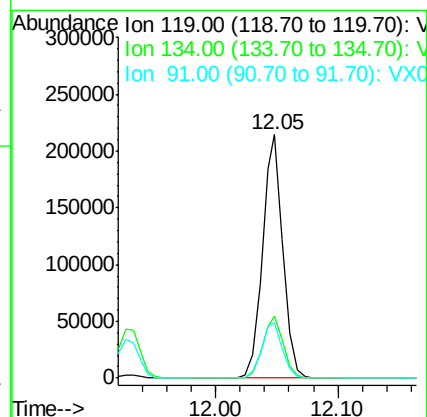
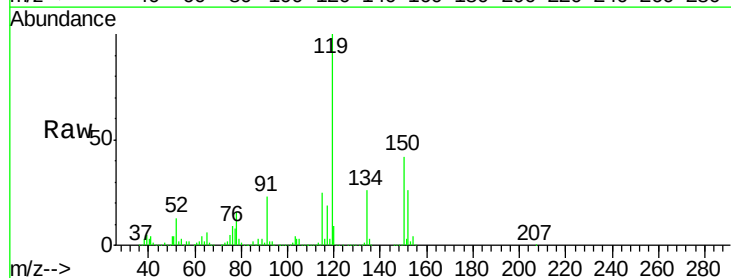
Tgt Ion:119 Resp: 248119

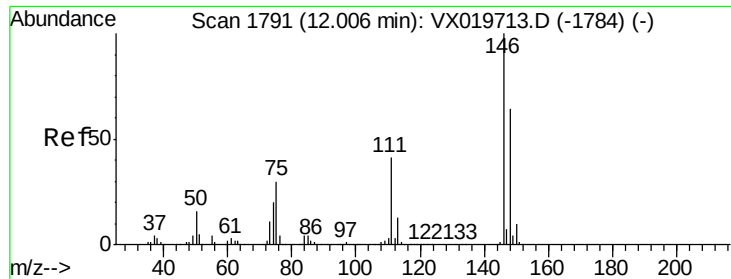
Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.7

91 23.5 11.7 35.0





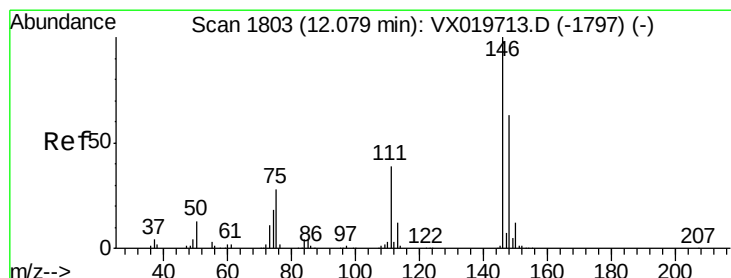
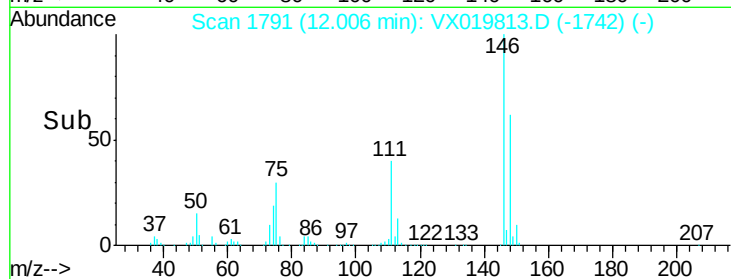
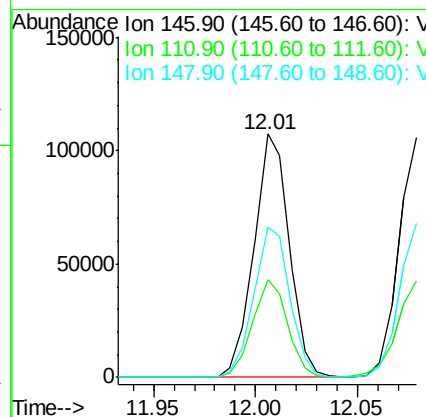
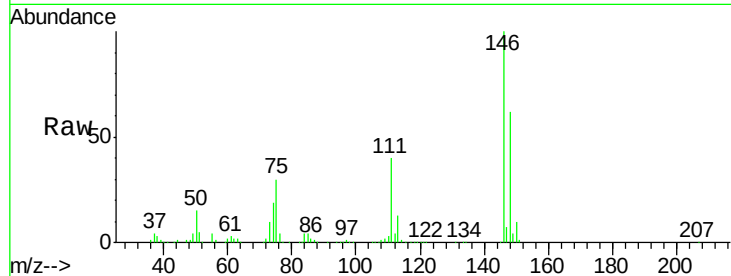
#87
 1,3-Dichlorobenzene
 Concen: 19.148 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019813.D
 Acq: 10 Dec 2020 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	129820		
111	40.1		20.2	60.5
148	63.1		31.9	95.7

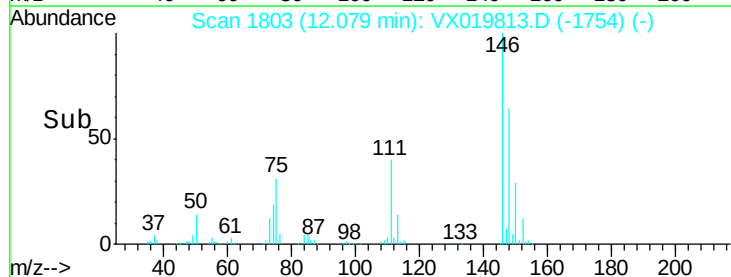
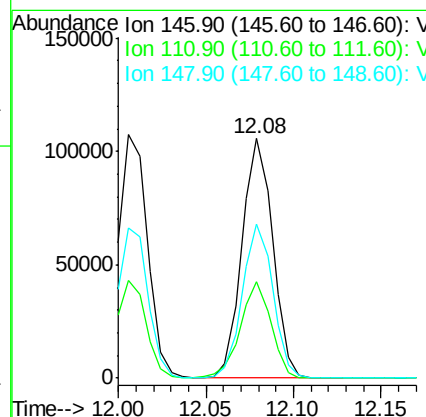
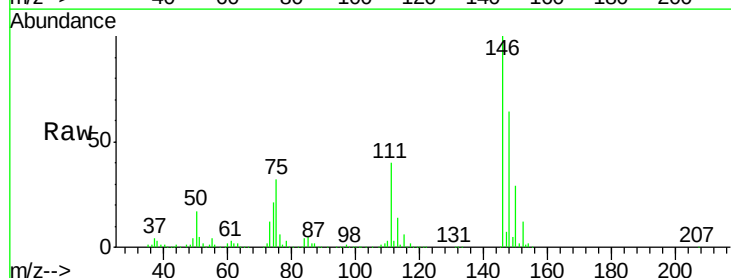
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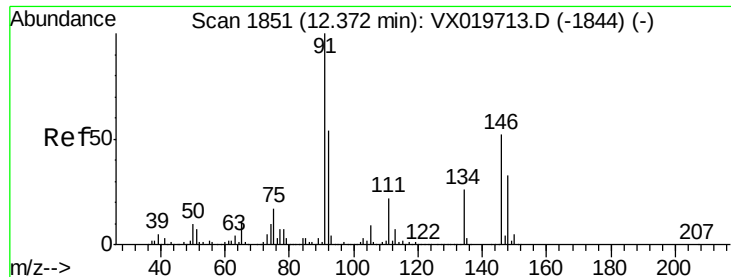
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#88
 1,4-Dichlorobenzene
 Concen: 18.775 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019813.D
 Acq: 10 Dec 2020 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	129648		
111	40.3		19.6	58.8
148	64.2		31.6	95.0





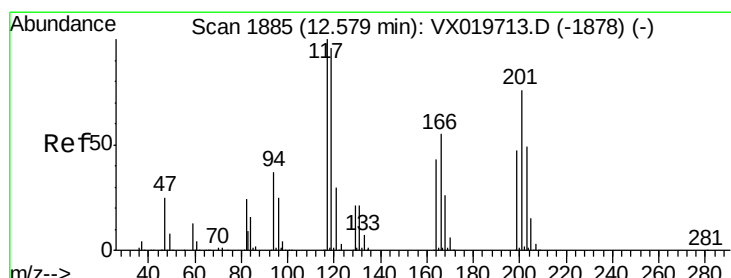
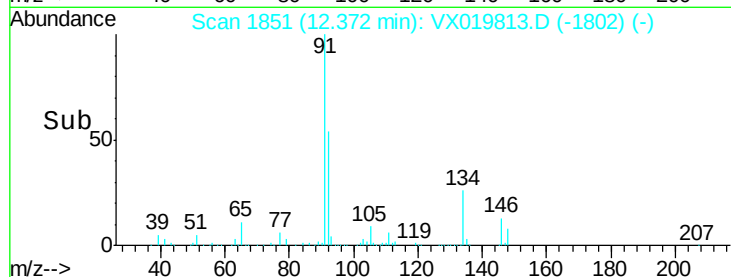
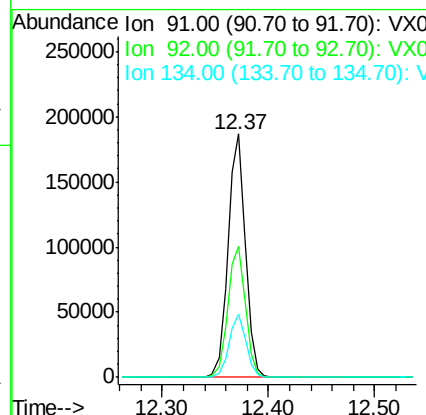
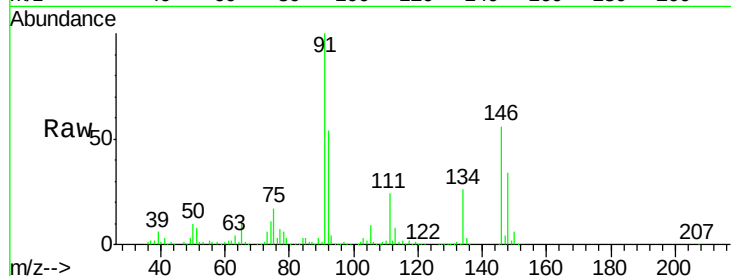
#89
n-Butylbenzene
Concen: 19.149 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.4	82.0
134	25.6	13.2	39.5

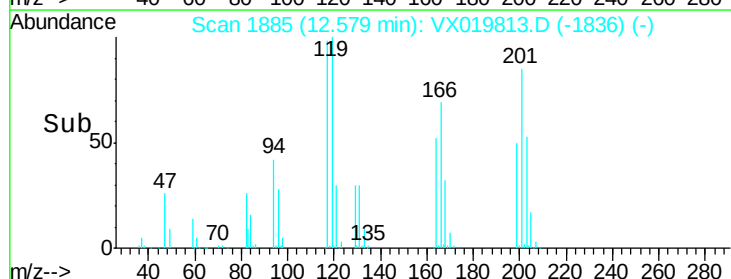
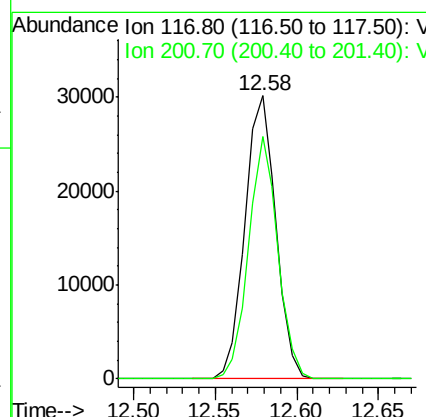
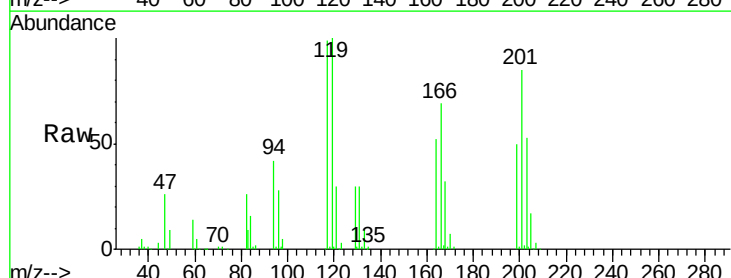
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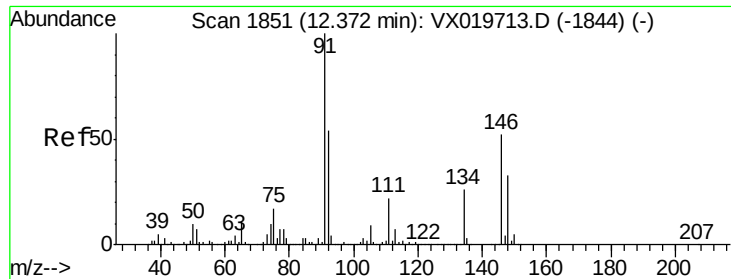
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#90
Hexachloroethane
Concen: 18.388 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.3	40.4	121.2





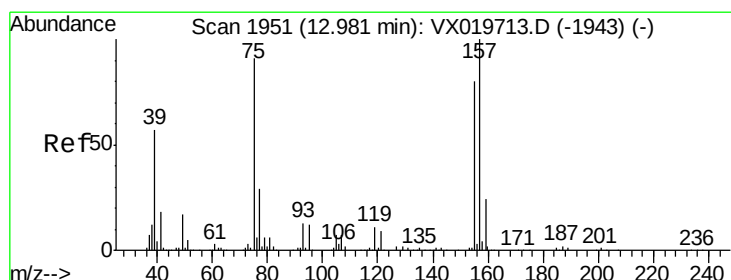
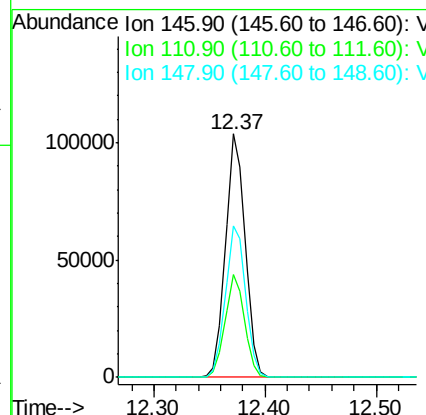
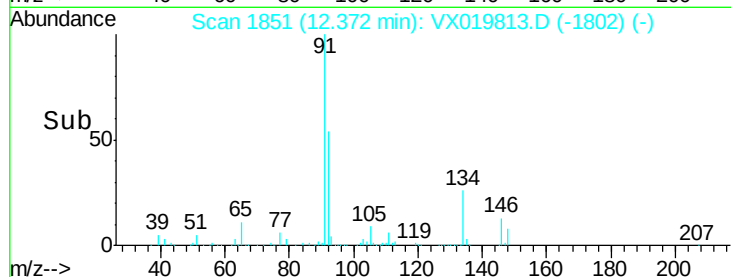
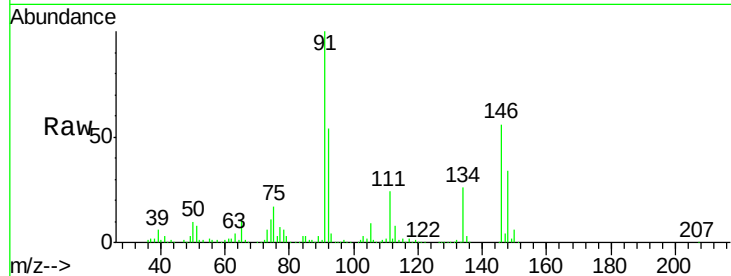
#91
 1,2-Dichlorobenzene
 Concen: 19.224 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019813.D
 Acq: 10 Dec 2020 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.8	62.2
148	63.7	31.9	95.5

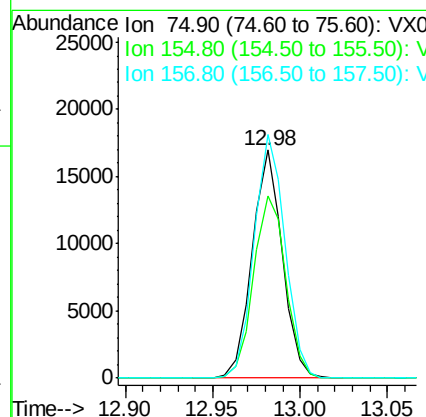
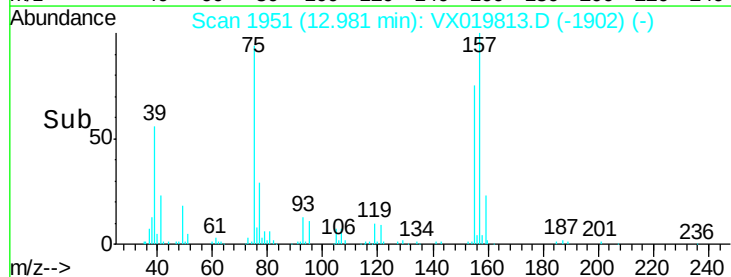
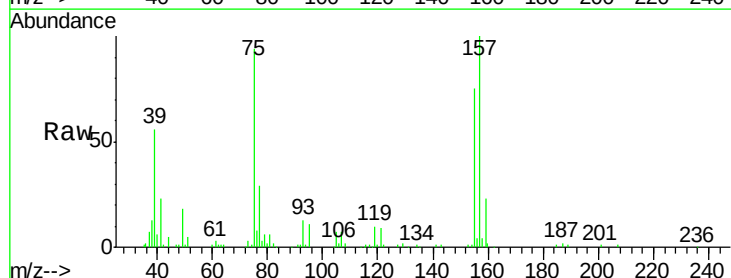
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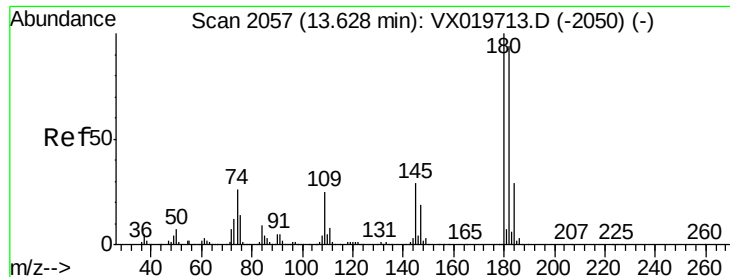
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 12/11/2020 12:45:52 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.558 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019813.D
 Acq: 10 Dec 2020 10:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.1	45.3	135.9
157	109.5	57.7	173.1





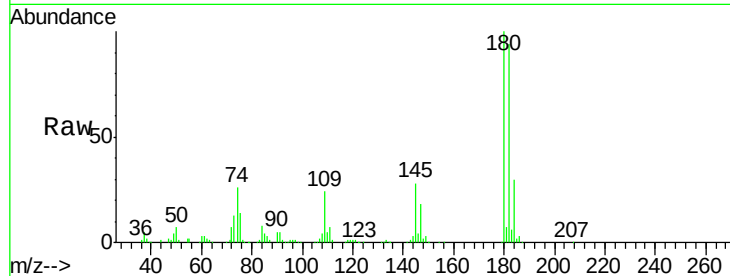
#93
1,2,4-Trichlorobenzene
Concen: 19.179 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

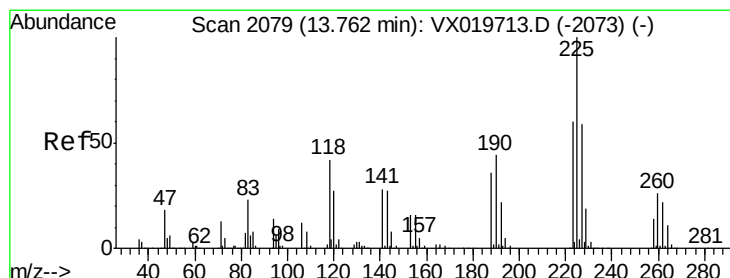
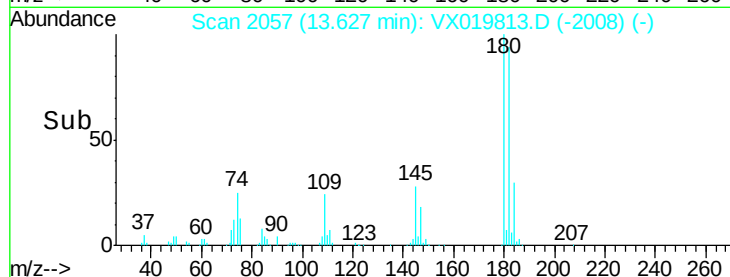
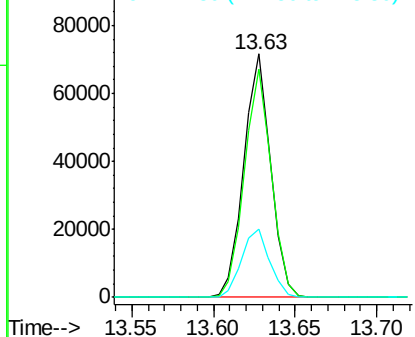
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.7	143.1
145	29.3	15.0	45.0

Manual Integrations
APPROVED

MMDadoda
12/11/2020 12:45:52 PM

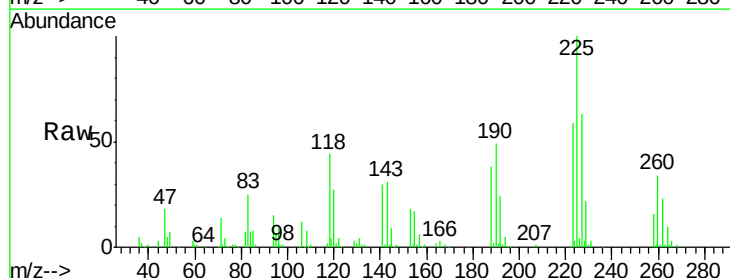


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

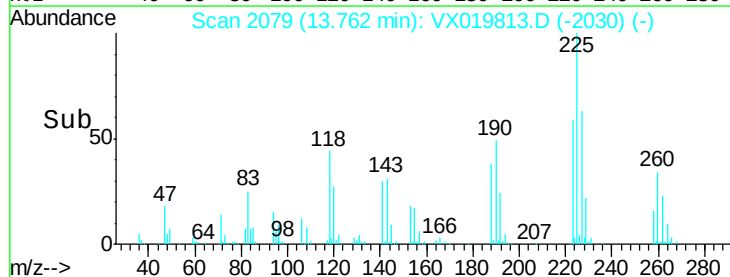
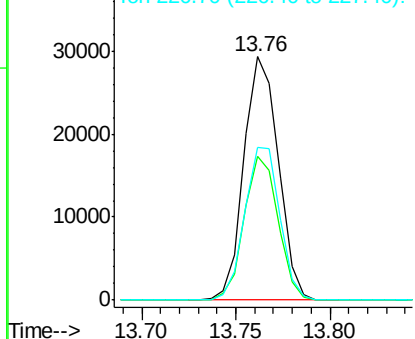


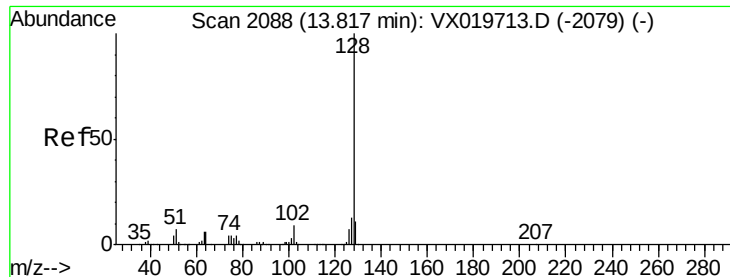
#94
Hexachlorobutadiene
Concen: 19.339 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.2	31.1	93.2
227	64.0	31.6	95.0



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.745 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

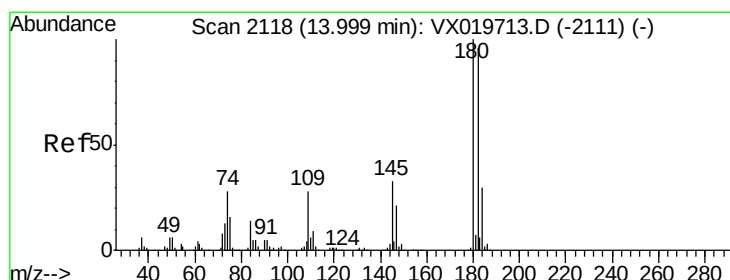
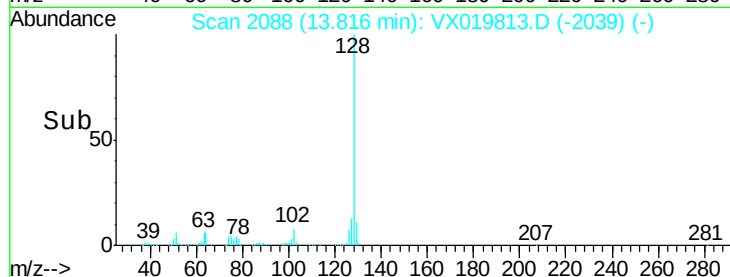
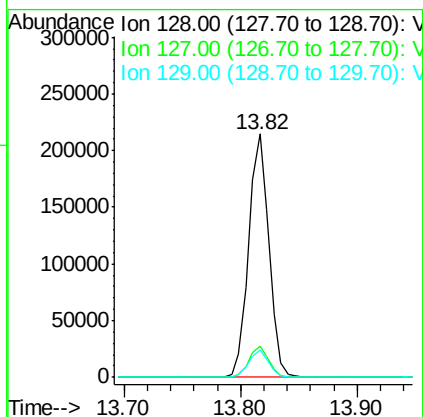
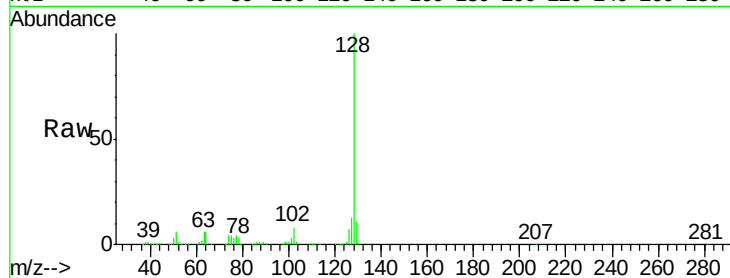
ClientSampleId :

VX1210WBS01

Tot Ion:	128	Resp:	261455
Ion Ratio		Lower	Upper
128	100		
127	12.6	10.3	15.5
129	11.0	8.8	13.2

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#96

1,2,3-Trichlorobenzene

Concen: 19.721 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Tgt Ion:	180	Resp:	82921
Ion Ratio		Lower	Upper
180	100		
182	94.1	47.6	142.9
145	31.2	16.1	48.3

