

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120920\
 Data File : VX019772.D
 Acq On : 09 Dec 2020 12:41
 Operator : JC/MD
 Sample : VX1209WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/10/2020 9:31:49 AM

Quant Time: Dec 10 05:52:45 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	289556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	463393	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	428236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	214398	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	179404	47.14	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.28%
35) Dibromofluoromethane	5.46	113	144910	48.39	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.78%
50) Toluene-d8	8.70	98	561000	49.07	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.14%
62) 4-Bromofluorobenzene	11.12	95	209245	48.08	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.16%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	48464	18.281	ug/l 99
3) Chloromethane	1.31	50	50308	16.136	ug/l 96
4) Vinyl Chloride	1.39	62	60149	18.297	ug/l 98
5) Bromomethane	1.62	94	33720	30.892	ug/l 99
6) Chloroethane	1.71	64	38879	19.688	ug/l 97
7) Trichlorofluoromethane	1.92	101	85997	18.784	ug/l 97
8) Diethyl Ether	2.17	74	36808	18.972	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	50018	19.061	ug/l 99
10) Methyl Iodide	2.49	142	54699	14.142	ug/l 100
11) Tert butyl alcohol	3.01	59	82771	104.271	ug/l 98
12) 1,1-Dichloroethene	2.36	96	48571	18.308	ug/l 98
13) Acrolein	2.27	56	34760	82.749	ug/l 100
14) Allyl chloride	2.70	41	81542	18.199	ug/l 99
15) Acrylonitrile	3.11	53	166165	96.584	ug/l 100
16) Acetone	2.42	43	140527	98.241	ug/l 99
17) Carbon Disulfide	2.55	76	128884	16.931	ug/l 99
18) Methyl Acetate	2.75	43	70229	20.063	ug/l 99
19) Methyl tert-butyl Ether	3.16	73	191221	19.792	ug/l 99
20) Methylene Chloride	2.83	84	63067	18.414	ug/l 98
21) trans-1,2-Dichloroethene	3.14	96	57492	18.588	ug/l 99
22) Diisopropyl ether	3.82	45	175869	19.413	ug/l 96
23) Vinyl Acetate	3.78	43	756903	98.070	ug/l 100
24) 1,1-Dichloroethane	3.67	63	103094	18.872	ug/l 99
25) 2-Butanone	4.62	43	213370	97.074	ug/l 99
26) 2,2-Dichloropropane	4.54	77	86754	18.441	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	67832	18.740	ug/l 99
28) Bromochloromethane	4.97	49	46258	17.763	ug/l 99
29) Tetrahydrofuran	5.08	42	135196	95.467	ug/l 99
30) Chloroform	5.17	83	107561	19.149	ug/l 99
31) Cyclohexane	5.54	56	88610	18.718	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	92068	19.033	ug/l 100
36) 1,1-Dichloropropene	5.76	75	78229	18.682	ug/l 100
37) Ethyl Acetate	4.79	43	82338	19.475	ug/l 99
38) Carbon Tetrachloride	5.75	117	78230	19.078	ug/l 98

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 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	92775	18.858	ug/l	95
40) Benzene	6.10	78	244245	19.095	ug/l	100
41) Methacrylonitrile	5.00	41	44019	18.963	ug/l	97
42) 1,2-Dichloroethane	6.15	62	85283	19.514	ug/l	100
43) Isopropyl Acetate	6.40	43	131380	19.114	ug/l	99
44) Trichloroethene	7.18	130	63424	18.898	ug/l	100
45) 1,2-Dichloropropane	7.48	63	62399	19.519	ug/l	99
46) Dibromomethane	7.63	93	42342	19.613	ug/l	99
47) Bromodichloromethane	7.87	83	82411	19.237	ug/l	98
48) Methyl methacrylate	7.74	41	64417	19.055	ug/l	100
49) 1,4-Dioxane	7.71	88	32286	394.251	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	413200	98.461	ug/l	100
52) Toluene	8.76	92	153532	19.191	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	89965	18.925	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	98309	19.035	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	64216	19.918	ug/l	98
56) Ethyl methacrylate	9.15	69	94277	19.328	ug/l	100
57) 1,3-Dichloropropane	9.35	76	106970	19.432	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	257645	99.707	ug/l	100
59) 2-Hexanone	9.47	43	314767	96.765	ug/l	100
60) Dibromochloromethane	9.56	129	63621	19.423	ug/l	99
61) 1,2-Dibromoethane	9.65	107	66609	19.457	ug/l	99
64) Tetrachloroethene	9.32	164	56532	19.685	ug/l	96
65) Chlorobenzene	10.12	112	164152	19.240	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	59644	19.423	ug/l	99
67) Ethyl Benzene	10.23	91	291121	19.223	ug/l	100
68) m/p-Xylenes	10.34	106	222723	39.030	ug/l	99
69) o-Xylene	10.68	106	105917	19.295	ug/l	100
70) Styrene	10.70	104	176775	19.079	ug/l	99
71) Bromoform	10.84	173	45900	19.001	ug/l	98
73) Isopropylbenzene	11.00	105	284029	19.391	ug/l	100
74) N-amyl acetate	10.88	43	108021	18.402	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	101394	19.634	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	94078m	19.565	ug/l	
77) Bromobenzene	11.24	156	71735	19.137	ug/l	99
78) n-propylbenzene	11.34	91	323433	19.333	ug/l	99
79) 2-Chlorotoluene	11.40	91	198710	19.288	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	239151	19.345	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	30435	18.297	ug/l	95
82) 4-Chlorotoluene	11.49	91	229735	19.040	ug/l	99
83) tert-Butylbenzene	11.75	119	235384	19.414	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	246072	19.761	ug/l	99
85) sec-Butylbenzene	11.93	105	272132	19.659	ug/l	100
86) p-Isopropyltoluene	12.05	119	247553	19.513	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	130881	19.024	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	130993	18.694	ug/l	99
89) n-Butylbenzene	12.37	91	210375	18.717	ug/l	100
90) Hexachloroethane	12.58	117	41098	18.764	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	128995	19.234	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20484	18.451	ug/l	97

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX1209WBSD01

Manual Integrations
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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	80274	18.387	ug/l	97
94) Hexachlorobutadiene	13.76	225	36664	18.790	ug/l	99
95) Naphthalene	13.82	128	269185	19.019	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	80402	18.845	ug/l	99

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

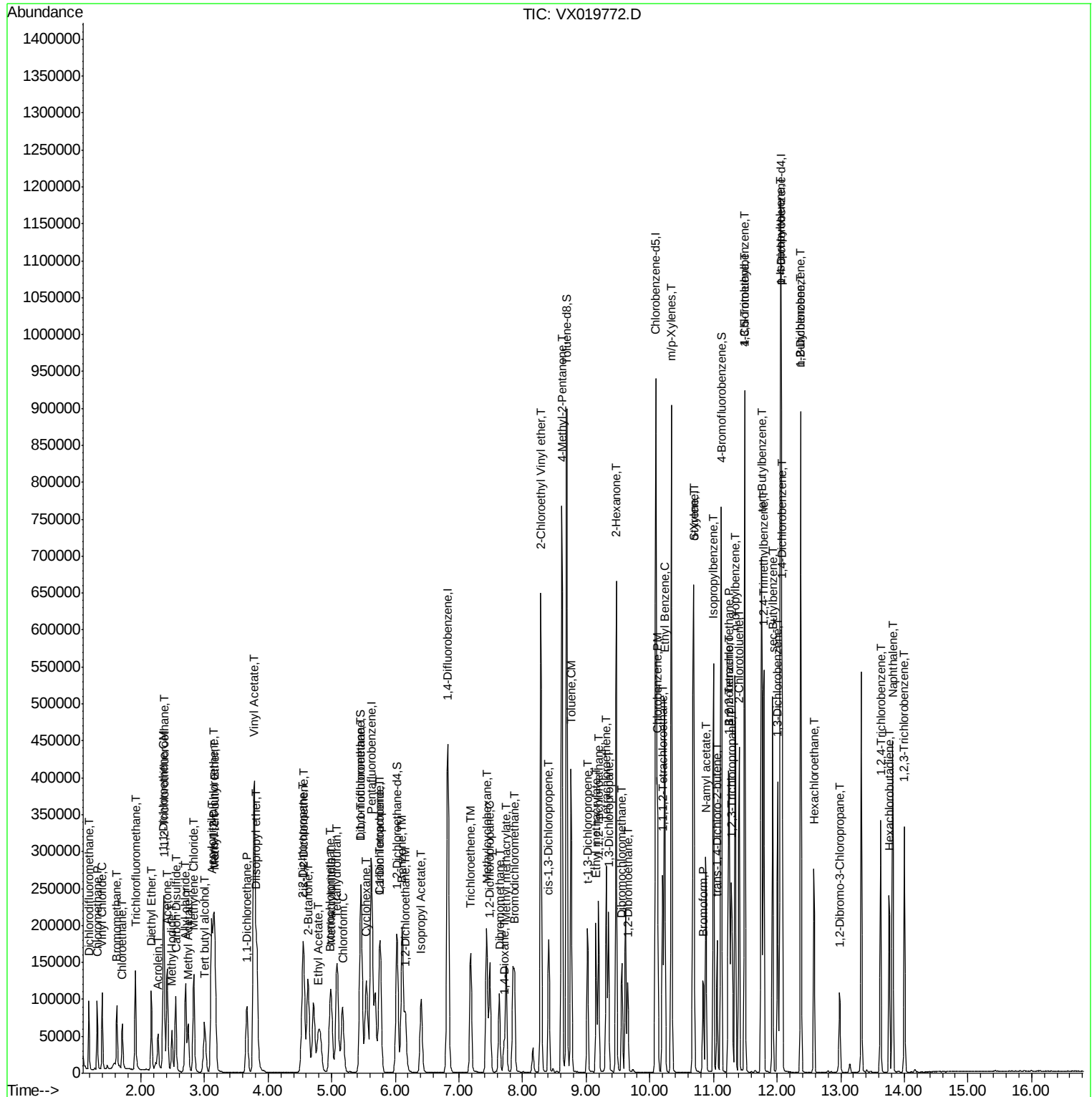
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 Data File : VX019772.D
 Acq On : 09 Dec 2020 12:41
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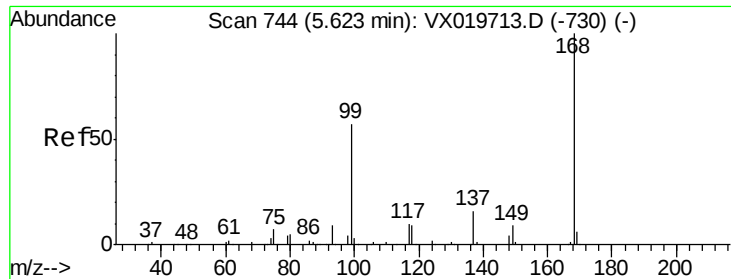
Instrument :
 MSVOA_X
 Client Sample ID :
 VX1209WBSD01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

Tot Ion:168 Resp: 289556

Ion Ratio Lower Upper

168 100

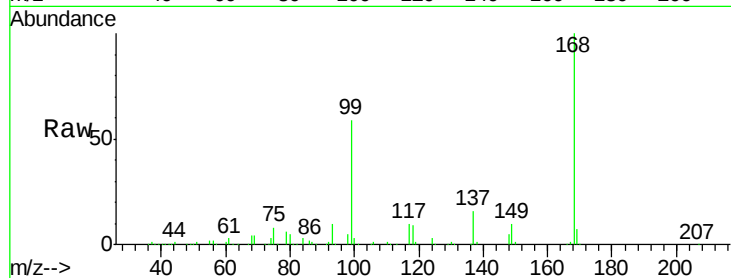
99 58.8 45.8 68.6

Manual Integrations

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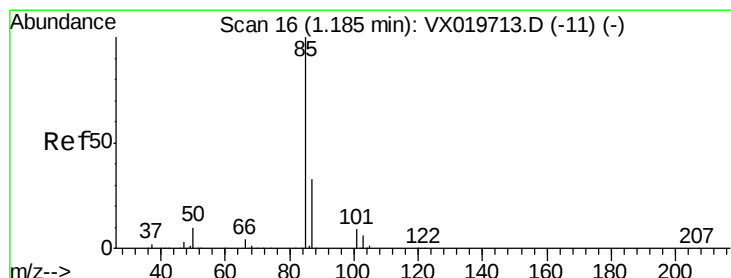
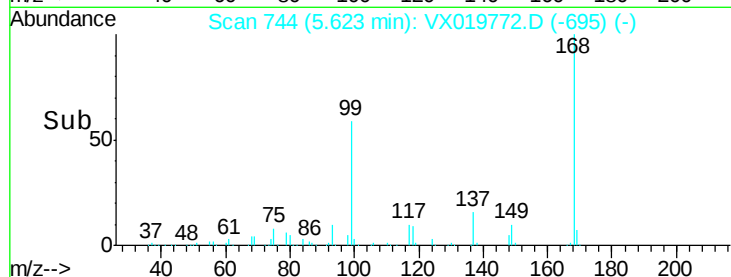
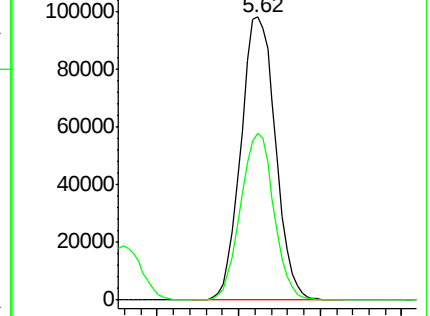
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.281 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019772.D

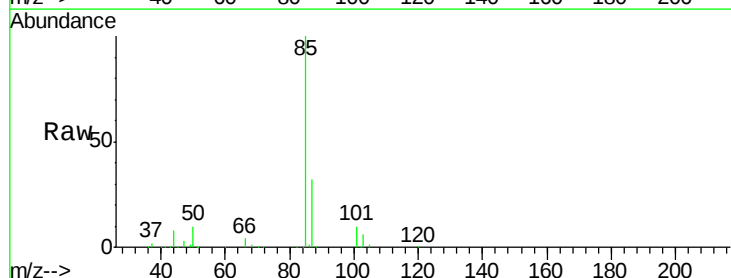
Acq: 09 Dec 2020 12:41

Tgt Ion: 85 Resp: 48464

Ion Ratio Lower Upper

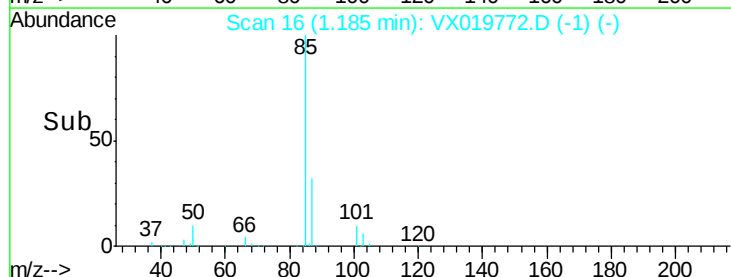
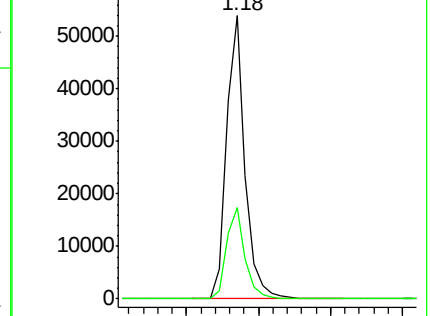
85 100

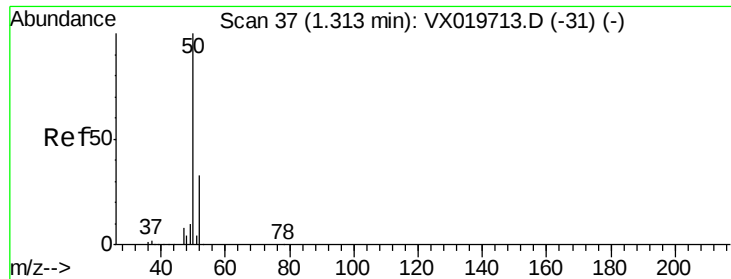
87 32.2 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.136 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

Tot Ion: 50 Resp: 50308

Ion Ratio Lower Upper

50 100

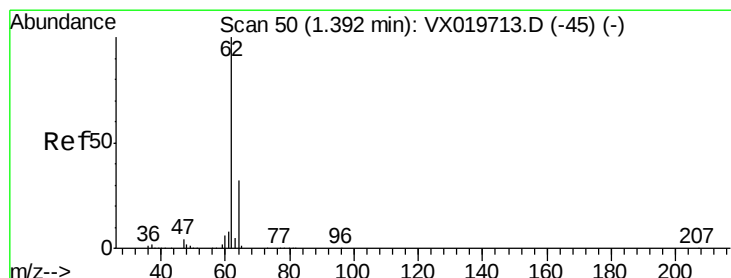
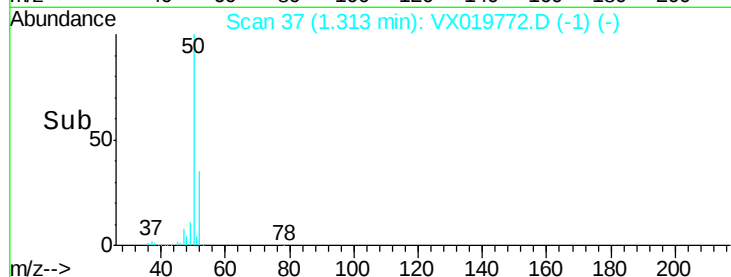
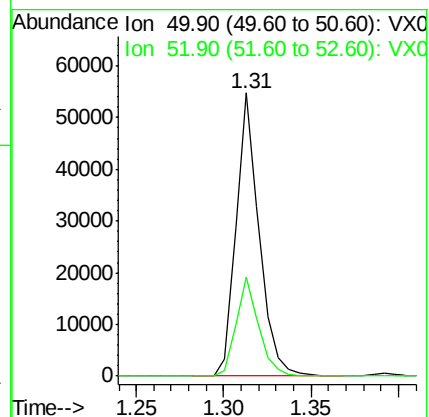
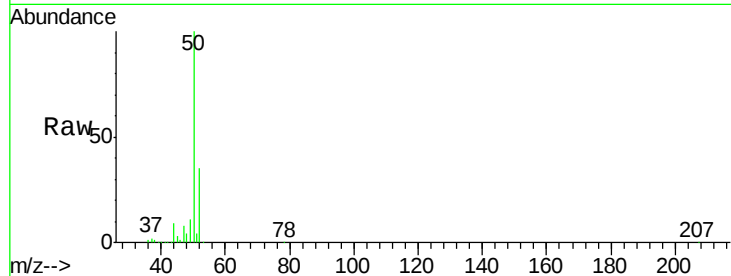
52 35.0 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.297 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019772.D

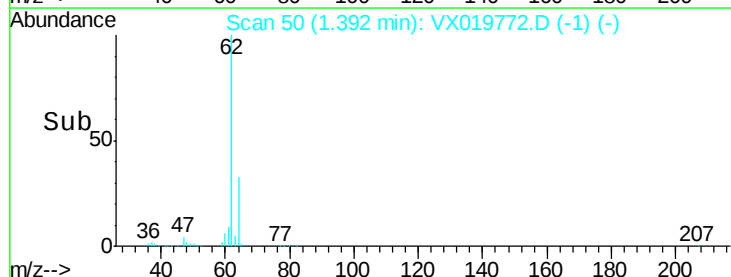
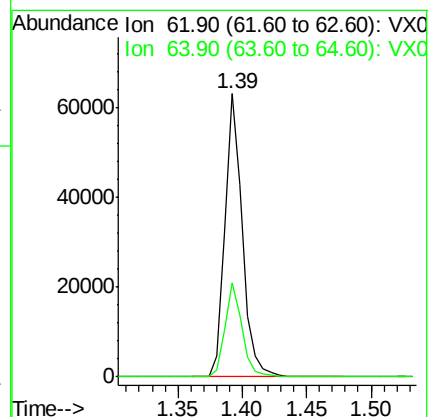
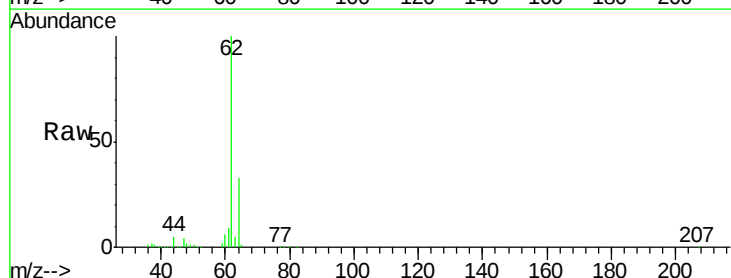
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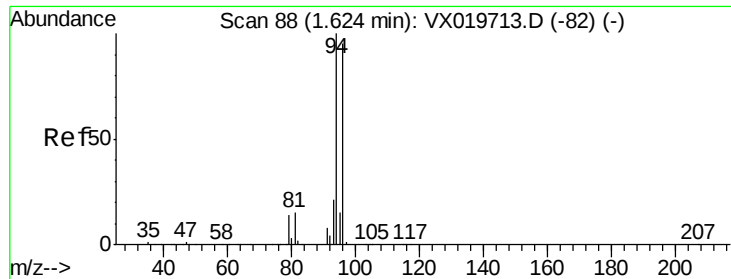
Tgt Ion: 62 Resp: 60149

Ion Ratio Lower Upper

62 100

64 33.1 25.7 38.5





#5

Bromomethane

Concen: 30.892 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

Tot Ion: 94 Resp: 33720

Ion Ratio Lower Upper

94 100

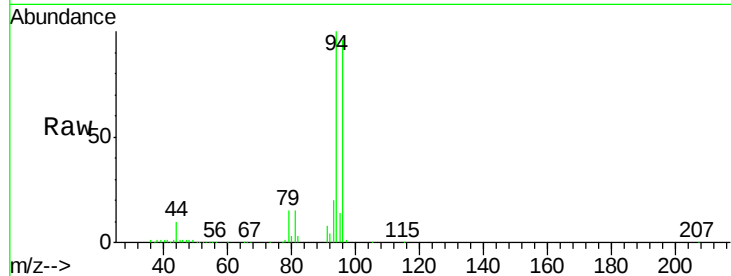
96 96.0 76.4 114.6

Manual Integrations

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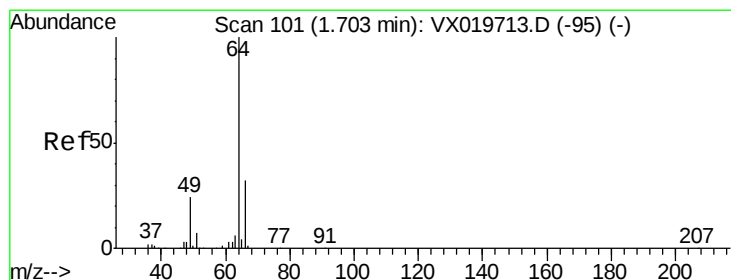
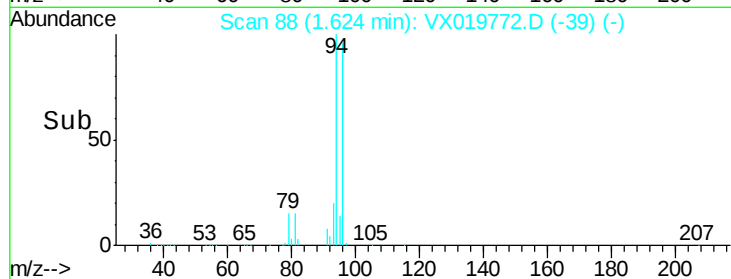
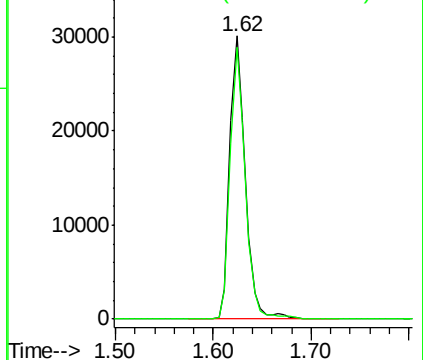
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.688 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX019772.D

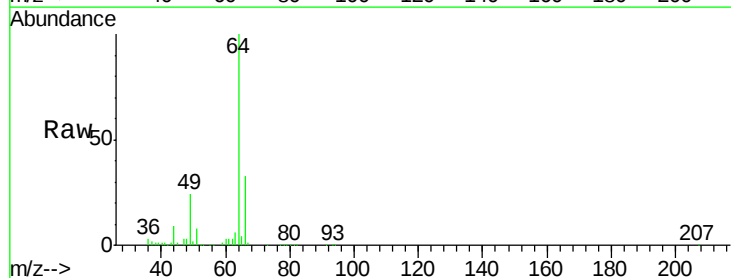
Acq: 09 Dec 2020 12:41

Tgt Ion: 64 Resp: 38879

Ion Ratio Lower Upper

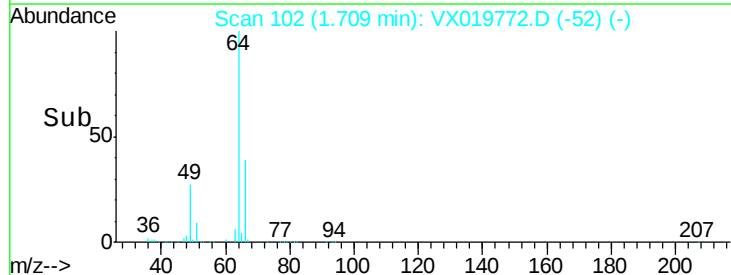
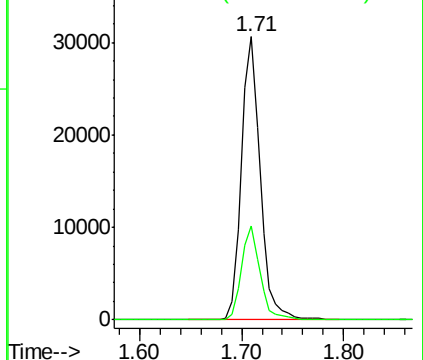
64 100

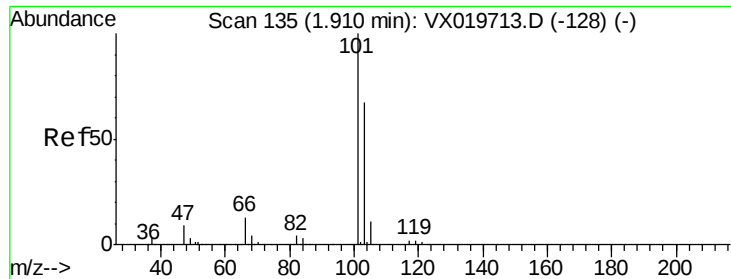
66 33.3 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

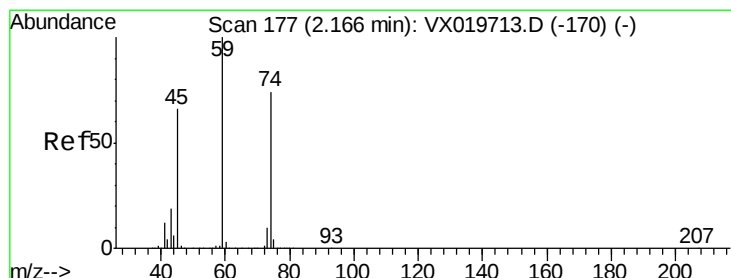
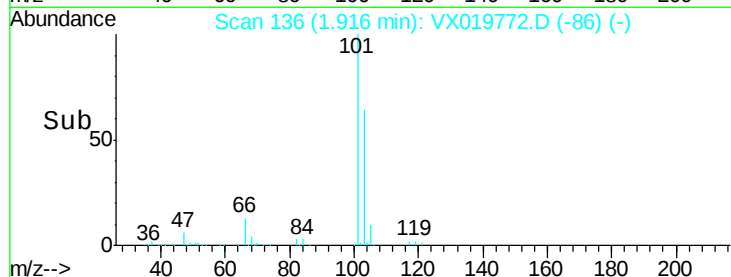
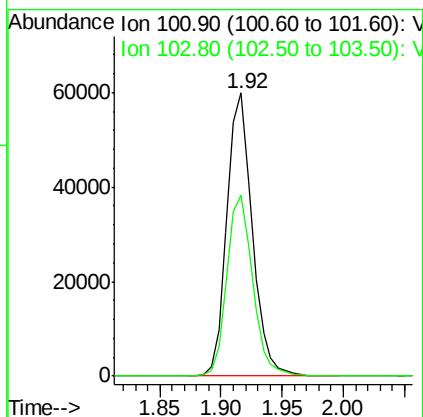
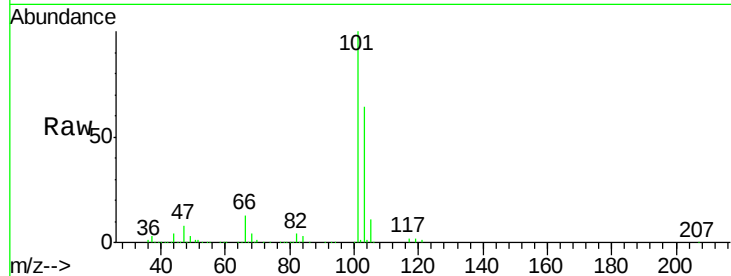
Trichlorofluoromethane
Concen: 18.784 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Instrument :
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ClientSampleId :
VX1209WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	53.2	79.8

Manual Integrations
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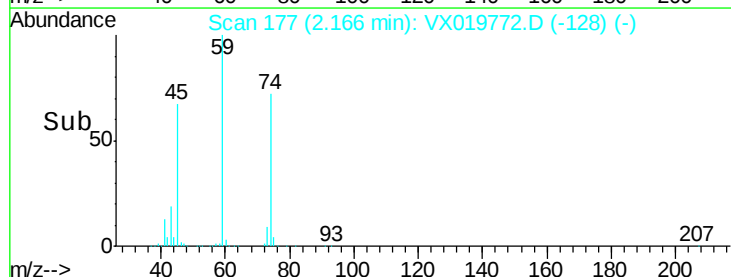
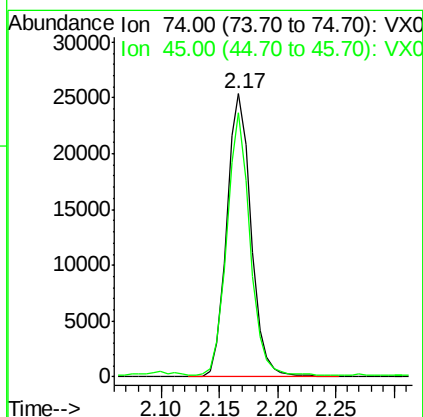
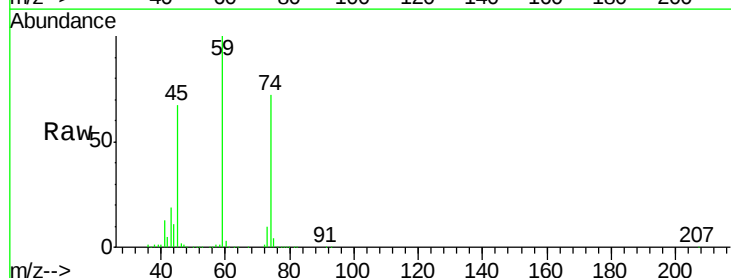
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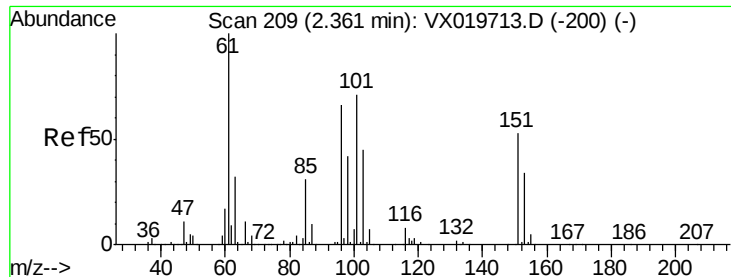


#8

Diethyl Ether
Concen: 18.972 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.8	44.5	133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.061 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

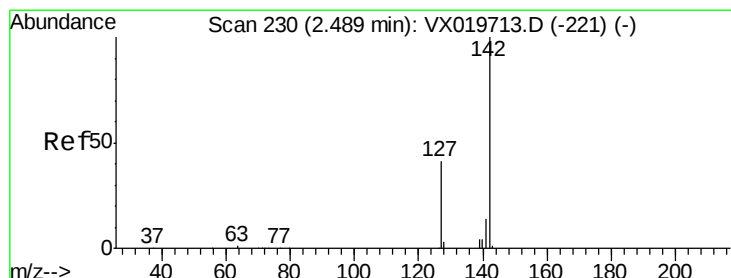
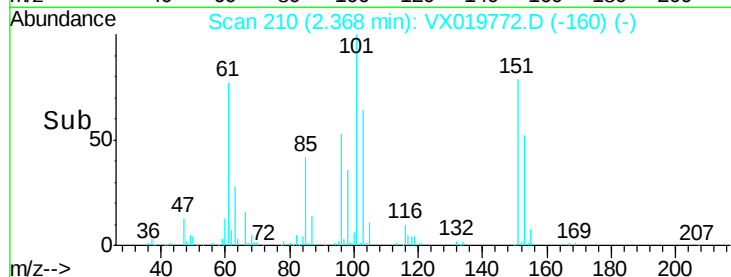
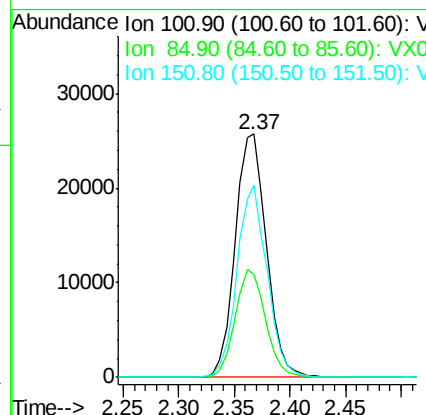
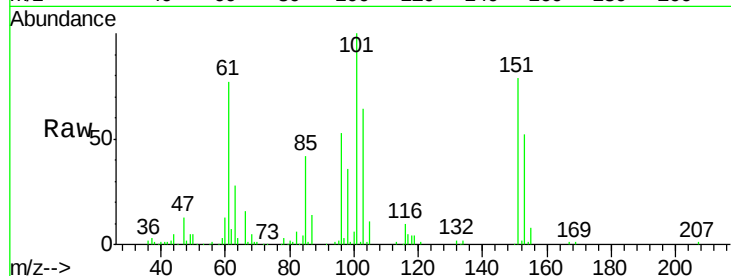
ClientSampleId :

VX1209WBSD01

Tot Ion:	101	Resp:	50018
Ion Ratio	Lower	Upper	
101	100		
85	42.9	34.9	52.3
151	76.1	61.4	92.2

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#10

Methyl Iodide

Concen: 14.142 ug/l

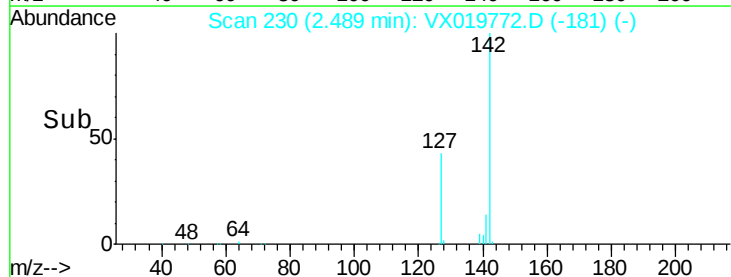
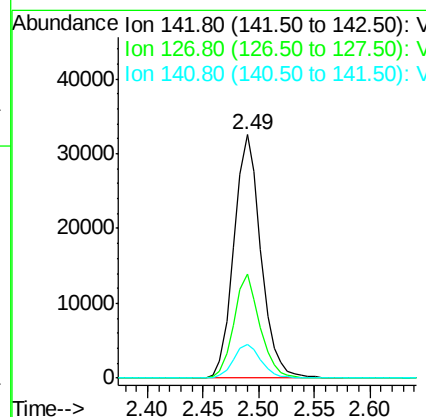
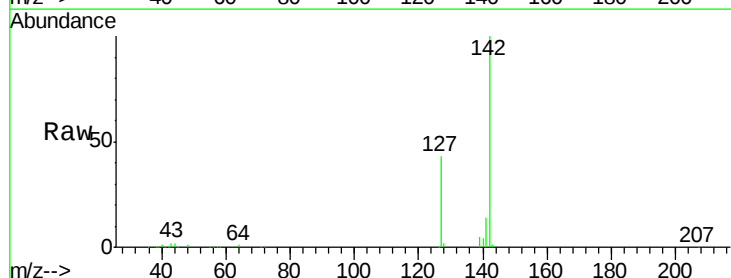
RT: 2.49 min Scan# 230

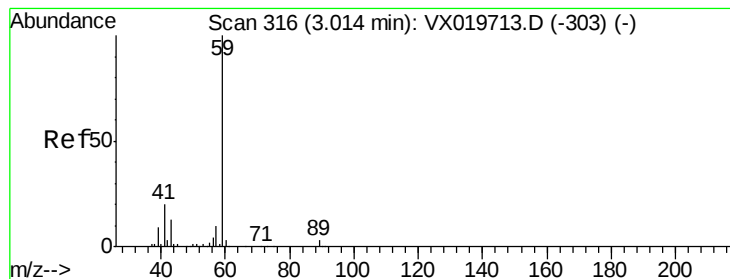
Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Tgt Ion:	142	Resp:	54699
Ion Ratio	Lower	Upper	
142	100		
127	41.3	33.3	49.9
141	14.2	11.4	17.0





#11

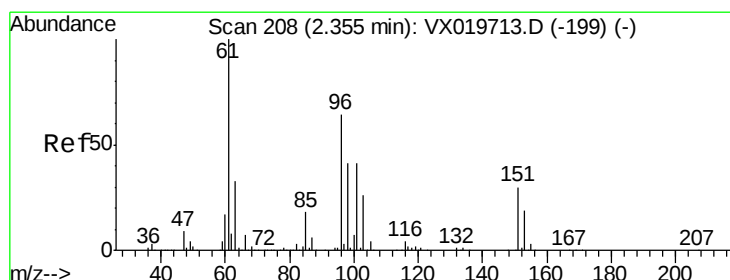
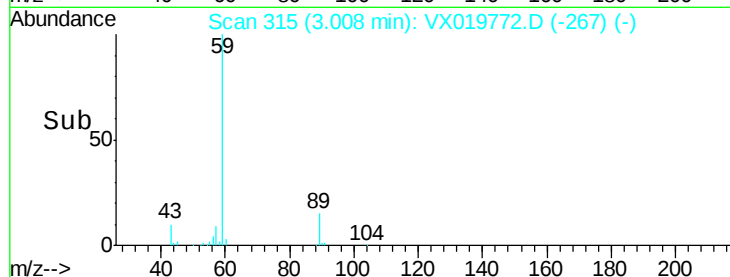
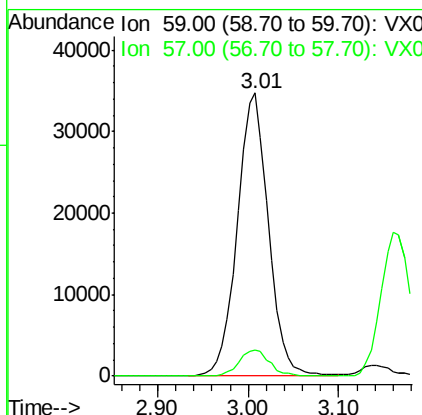
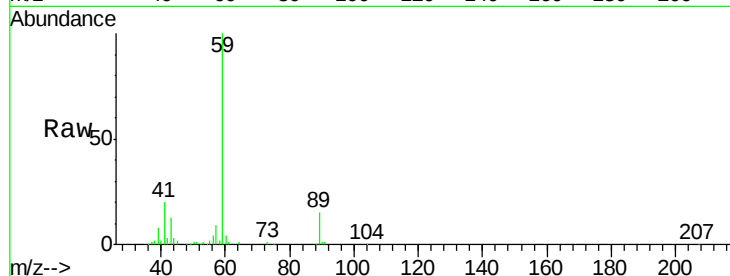
Tert butyl alcohol
Concen: 104.271 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.2	7.8	11.8

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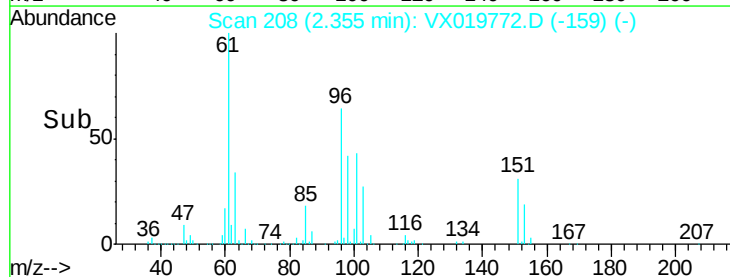
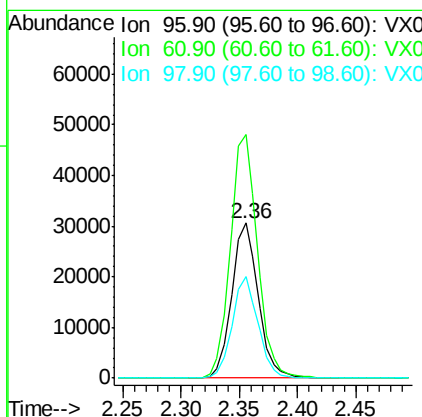
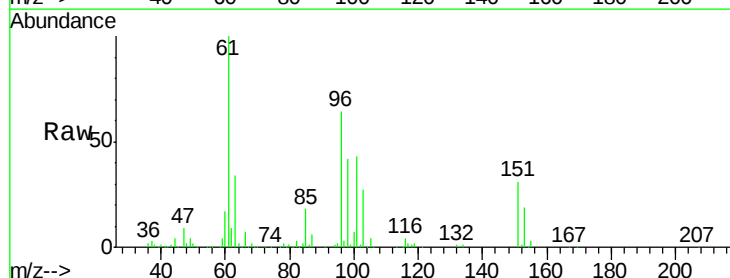
MMDadoda
12/10/2020 9:31:49 AM

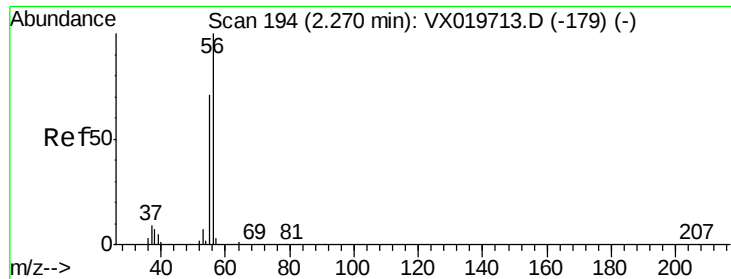


#12

1,1-Dichloroethene
Concen: 18.308 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.2	124.6	187.0
98	65.9	50.6	76.0





#13

Acrolein

Concen: 82.749 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

Tot Ion: 56 Resp: 34760

Ion Ratio Lower Upper

56 100

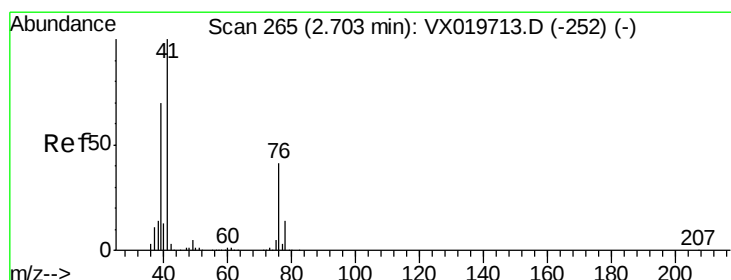
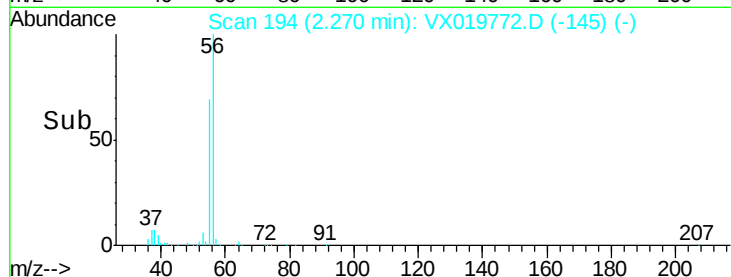
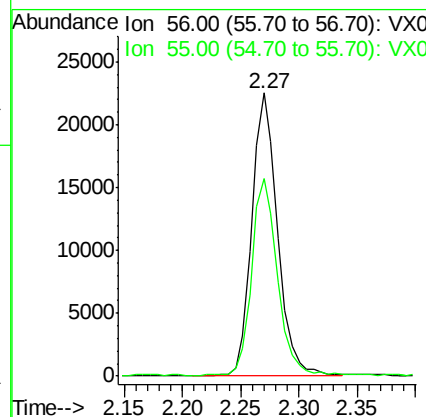
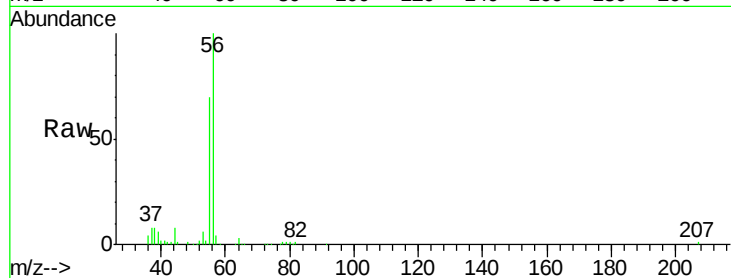
55 70.9 56.4 84.6

Manual Integrations

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#14

Allyl chloride

Concen: 18.199 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

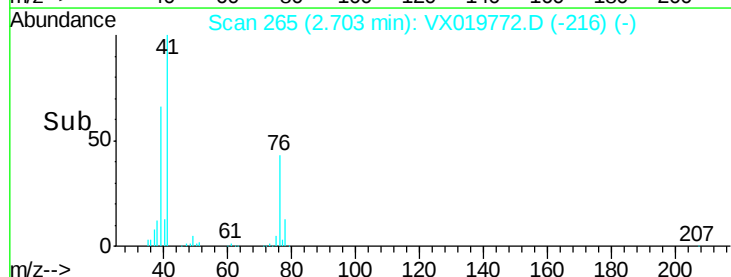
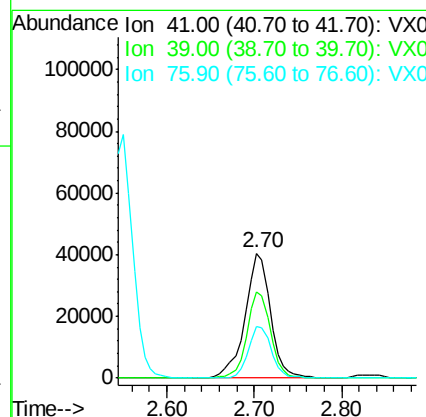
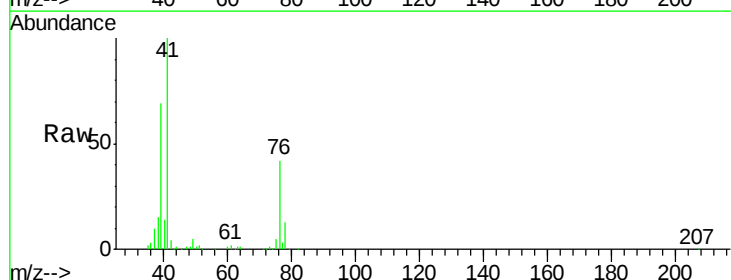
Tgt Ion: 41 Resp: 81542

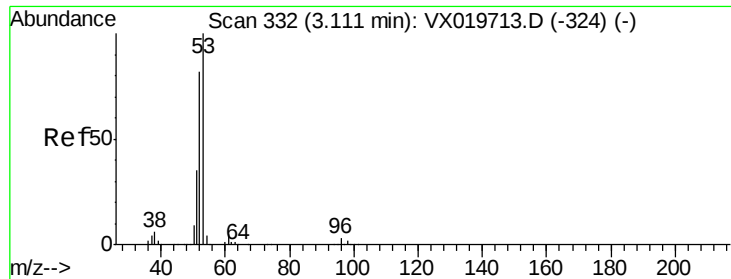
Ion Ratio Lower Upper

41 100

39 64.8 51.6 77.4

76 37.4 30.5 45.7





#15

Acrylonitrile

Concen: 96.584 ug/l

RT: 3.11 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

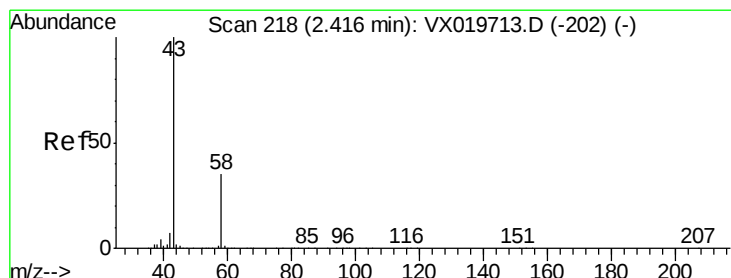
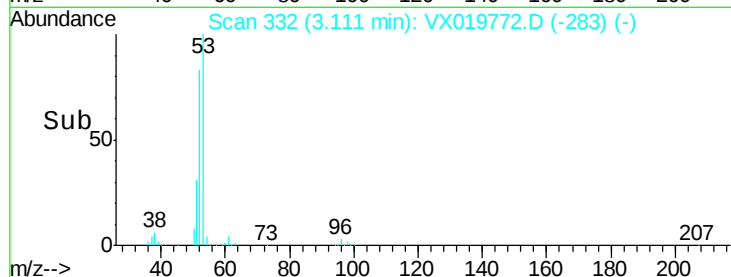
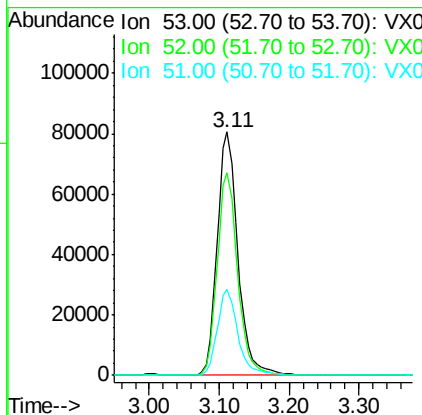
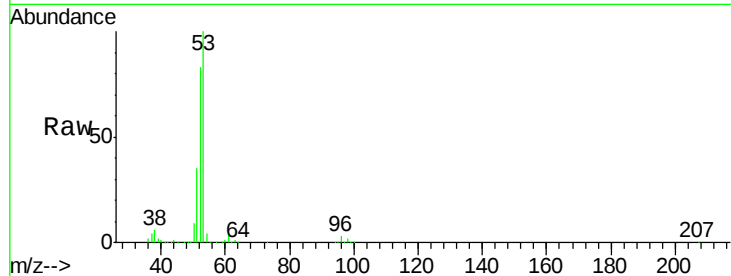
ClientSampleId :

VX1209WBSD01

Tot Ion:	53	Resp:	166165
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.3	97.9
51	35.3	28.2	42.2

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#16

Acetone

Concen: 98.241 ug/l

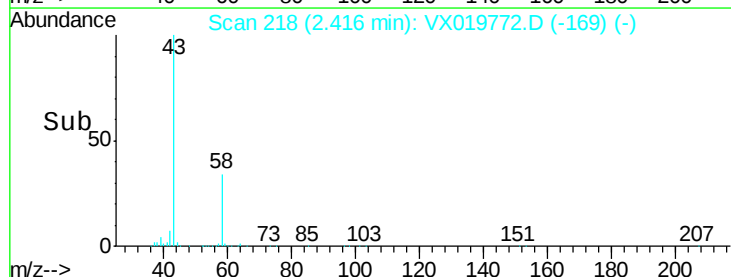
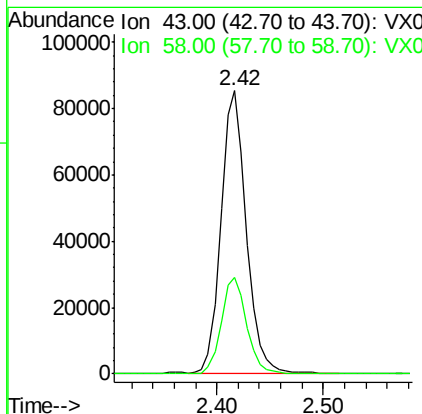
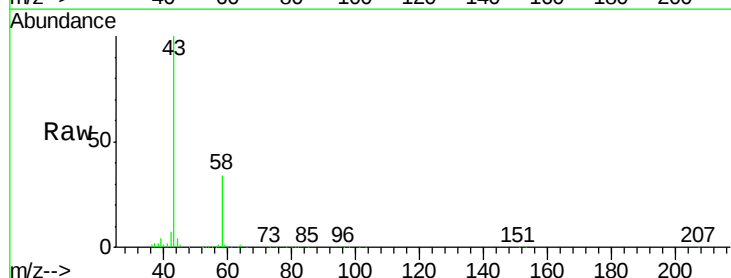
RT: 2.42 min Scan# 218

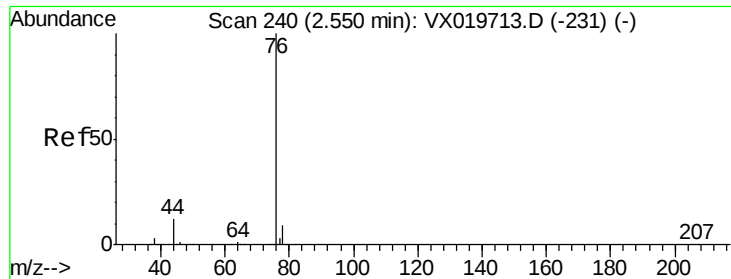
Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Tgt Ion:	43	Resp:	140527
Ion	Ratio	Lower	Upper
43	100		
58	34.3	27.8	41.8





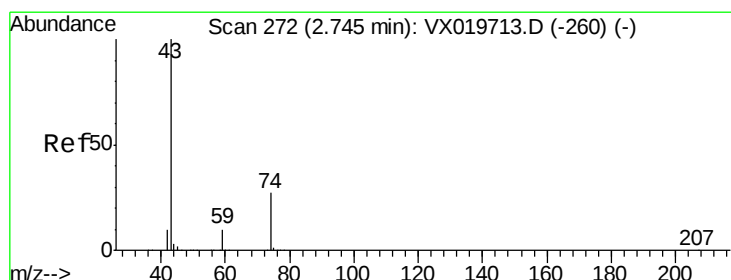
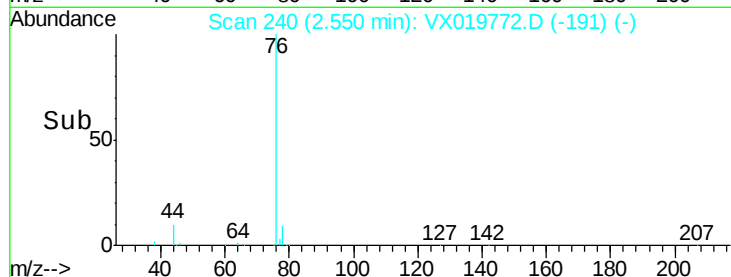
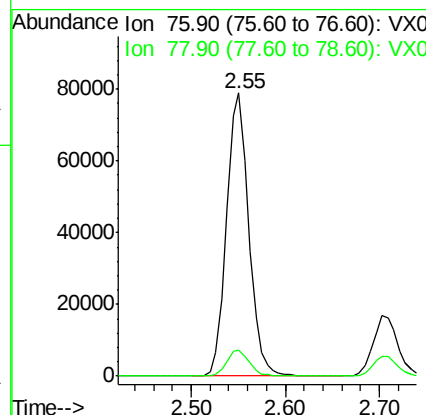
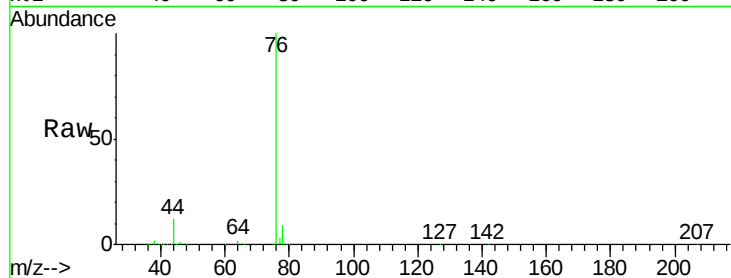
#17
Carbon Disulfide
Concen: 16.931 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.2	10.8

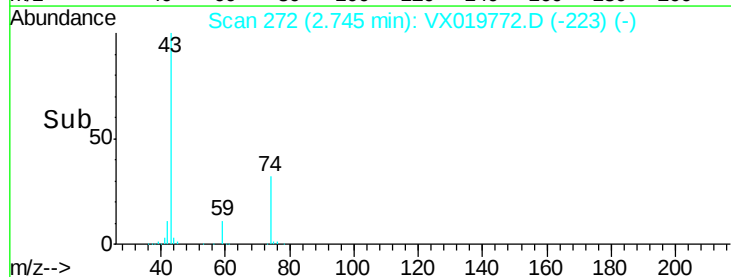
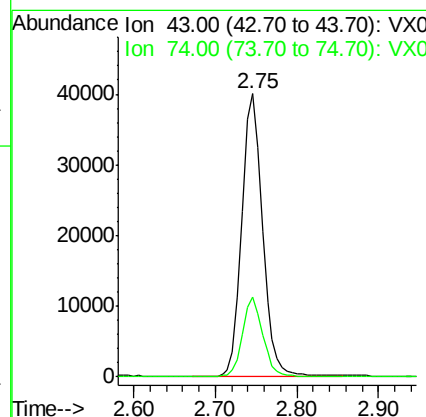
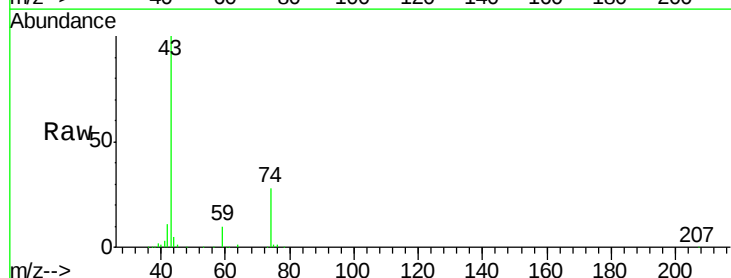
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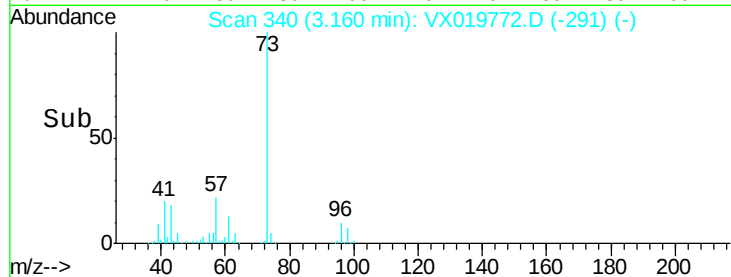
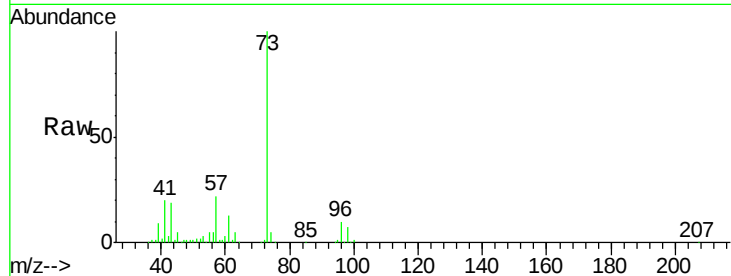
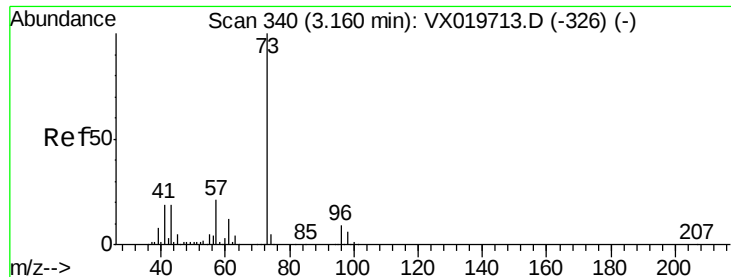
MMDadoda
12/10/2020 9:31:49 AM



#18
Methyl Acetate
Concen: 20.063 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.8	21.9	32.9





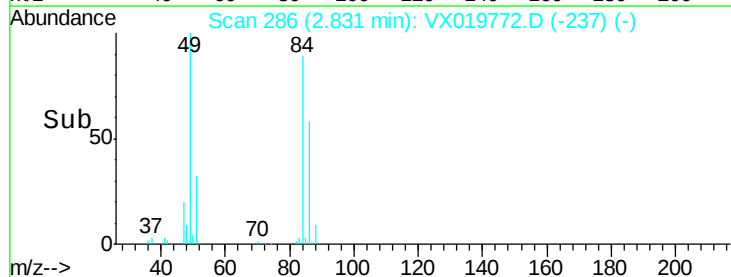
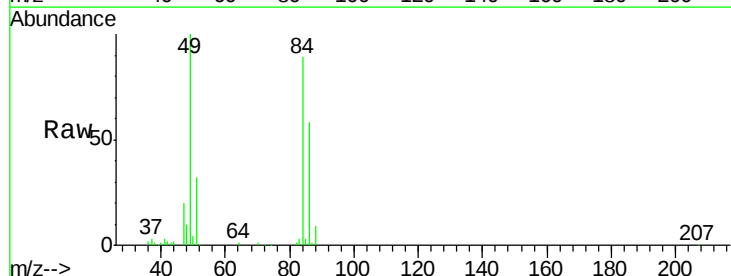
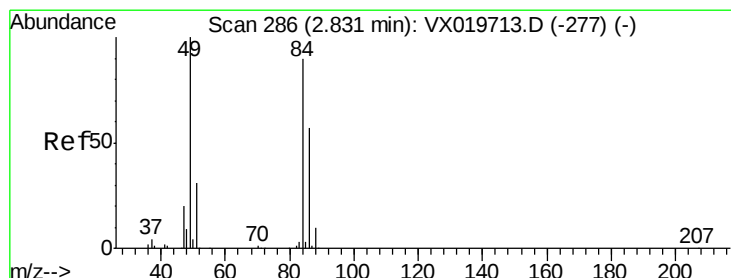
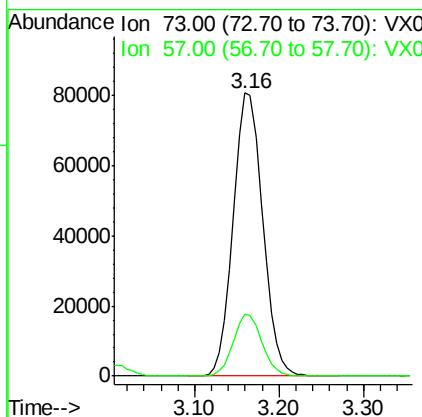
#19
Methyl tert-butyl Ether
Concen: 19.792 ug/l
RT: 3.16 min Scan# 340
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tot Ion	73	Resp	191221
Ion Ratio	100	Lower	Upper
73	100		
57	21.9	17.1	25.7

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

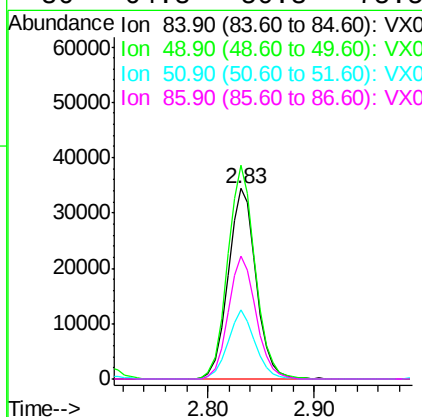
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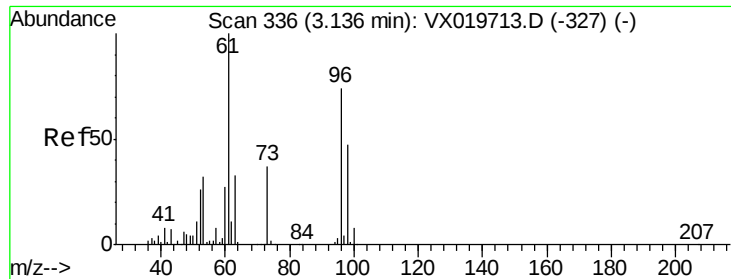
MMDadoda
12/10/2020 9:31:49 AM



#20
Methylene Chloride
Concen: 18.414 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion	84	Resp	63067
Ion Ratio	100	Lower	Upper
84	100		
49	112.3	88.6	132.8
51	36.2	27.0	40.6
86	64.8	50.3	75.5





#21

trans-1,2-Dichloroethene

Concen: 18.588 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

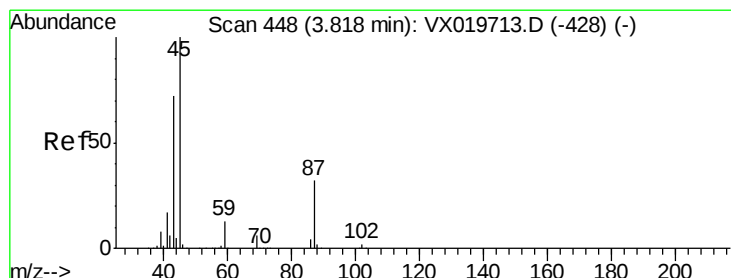
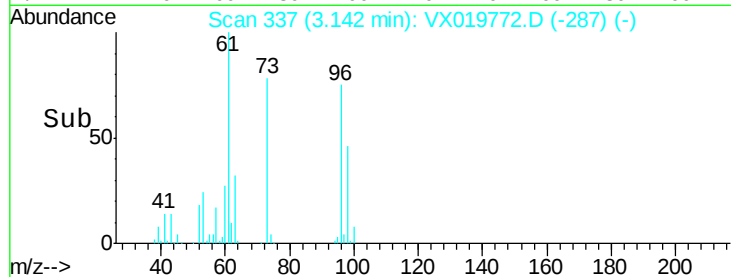
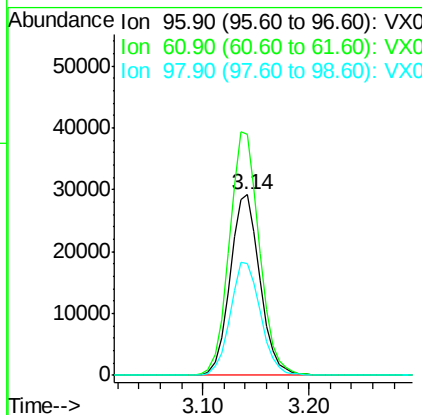
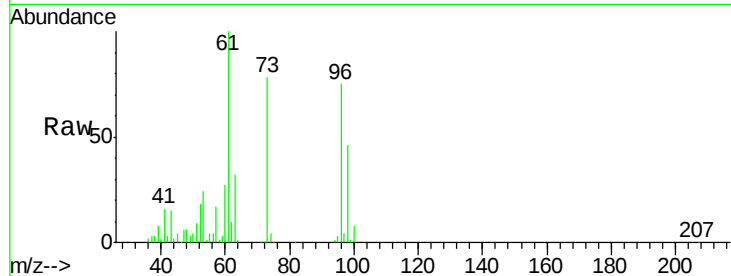
ClientSampleId :

VX1209WBSD01

Tot Ion:	96	Resp:	57492
Ion	Ratio	Lower	Upper
96	100		
61	133.1	107.7	161.5
98	61.9	50.4	75.6

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#22

Diisopropyl ether

Concen: 19.413 ug/l

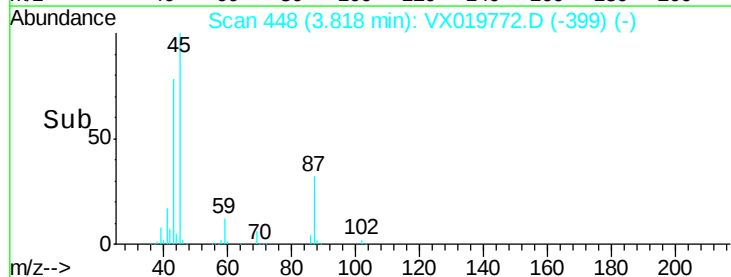
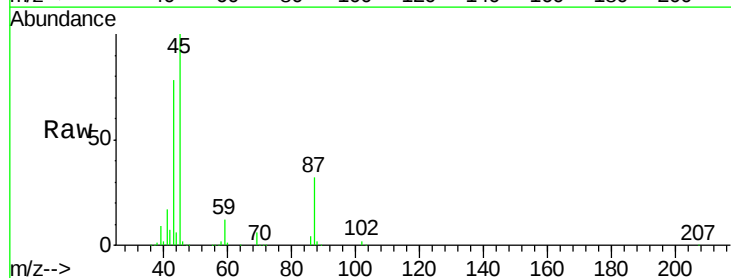
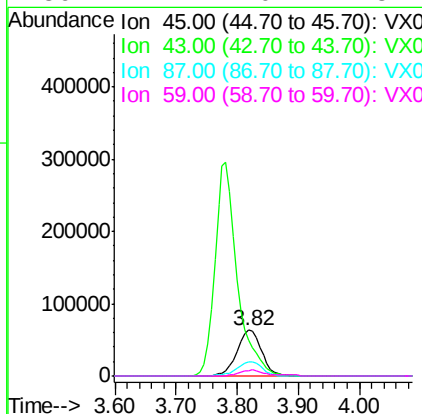
RT: 3.82 min Scan# 448

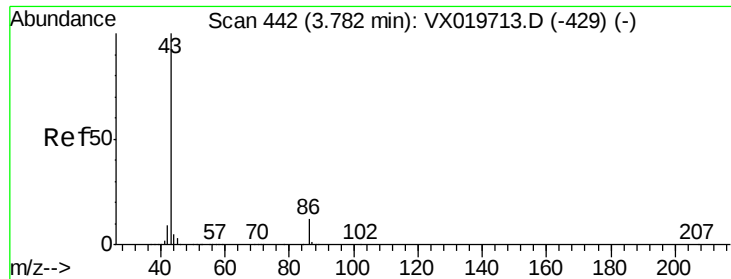
Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Tgt Ion:	45	Resp:	175869
Ion	Ratio	Lower	Upper
45	100		
43	77.6	58.0	87.0
87	31.7	25.4	38.0
59	12.1	10.2	15.2





#23

Vinyl Acetate

Concen: 98.070 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

Tot Ion: 43 Resp: 756903

Ion Ratio Lower Upper

43 100

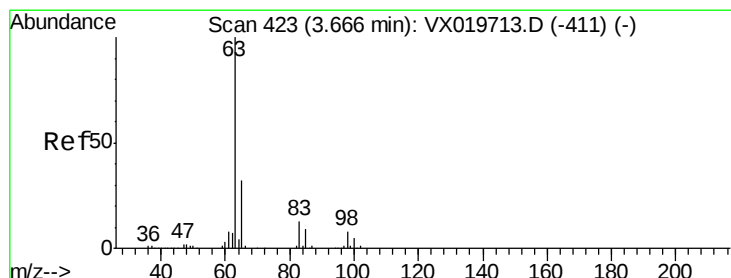
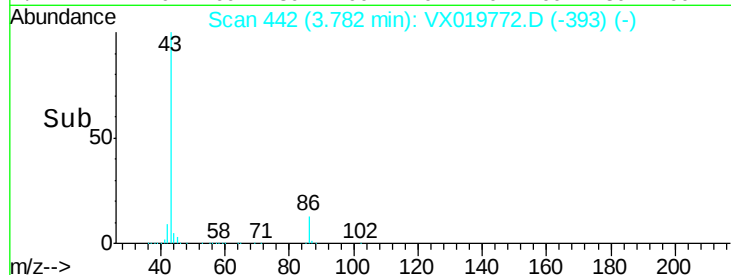
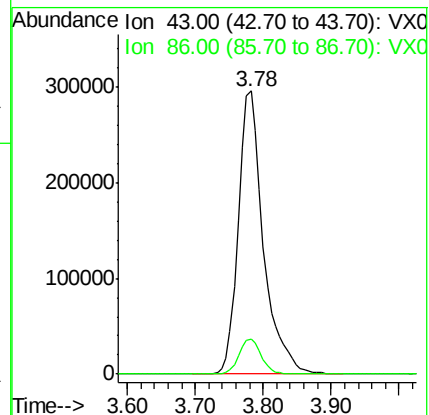
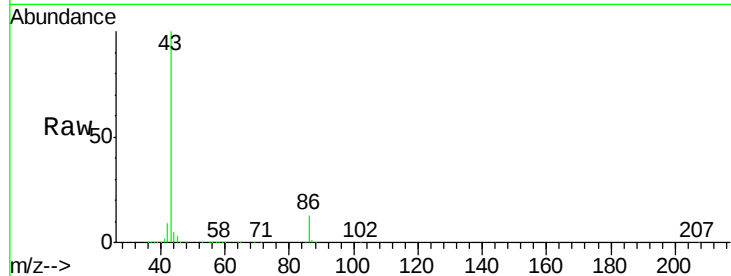
86 12.6 9.9 14.9

Manual Integrations

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12/10/2020 9:31:49 AM



#24

1,1-Dichloroethane

Concen: 18.872 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

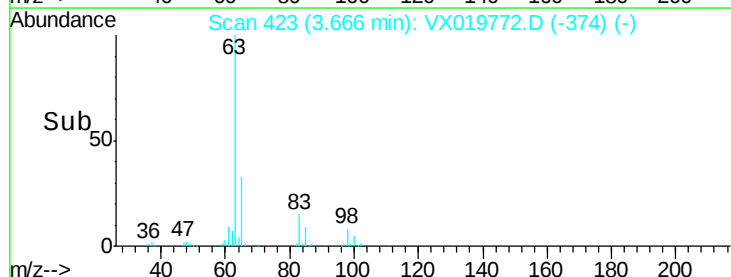
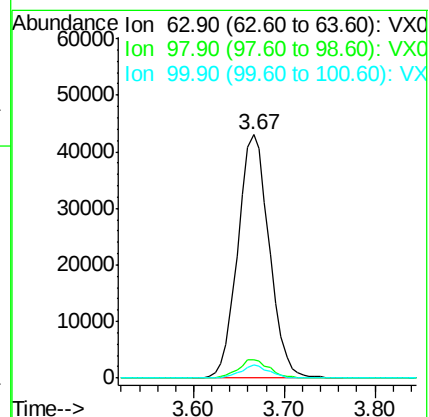
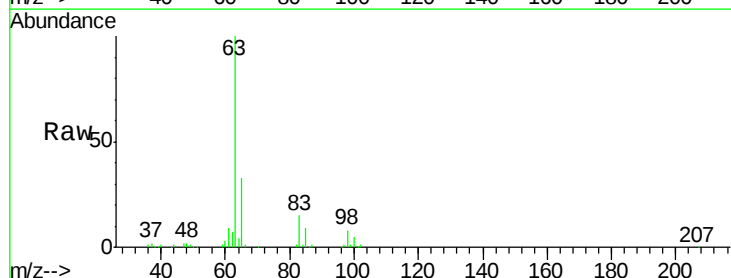
Tgt Ion: 63 Resp: 103094

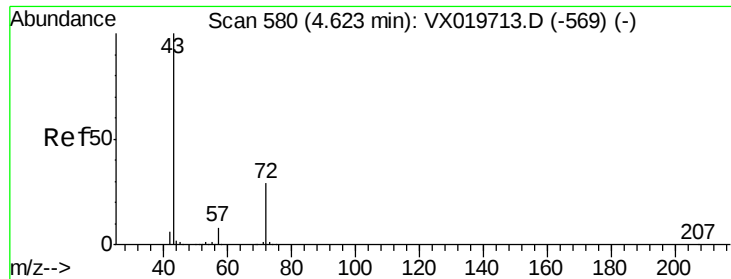
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.2

100 5.5 2.5 7.5





#25

2-Butanone

Concen: 97.074 ug/l

RT: 4.62 min Scan# 580

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

Tot Ion: 43 Resp: 213370

Ion Ratio Lower Upper

43 100

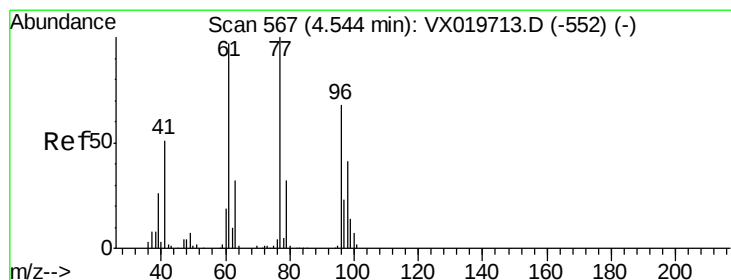
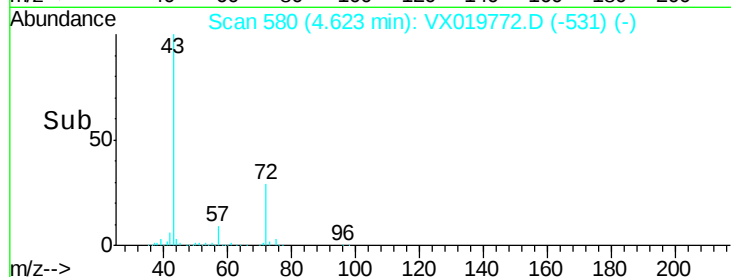
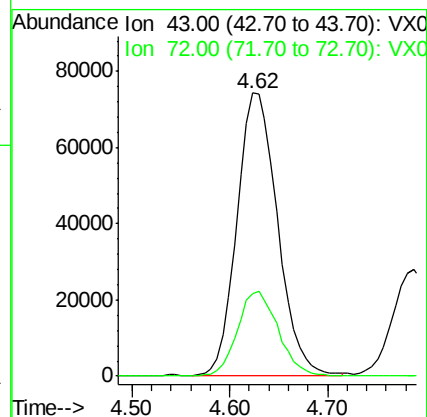
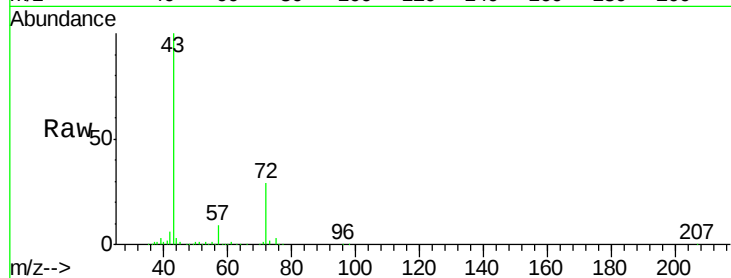
72 28.9 23.7 35.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.441 ug/l

RT: 4.54 min Scan# 567

Delta R.T. 0.00 min

Lab File: VX019772.D

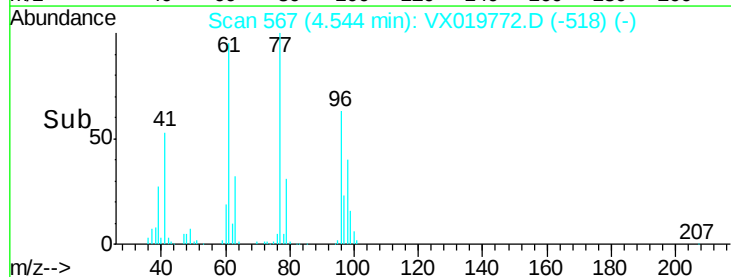
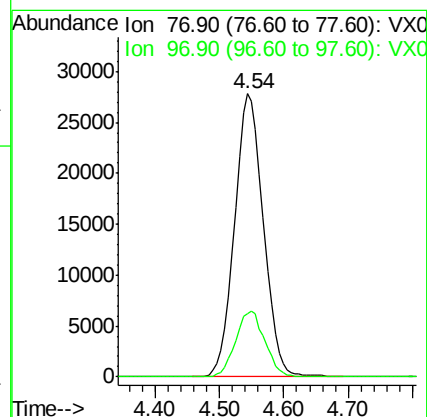
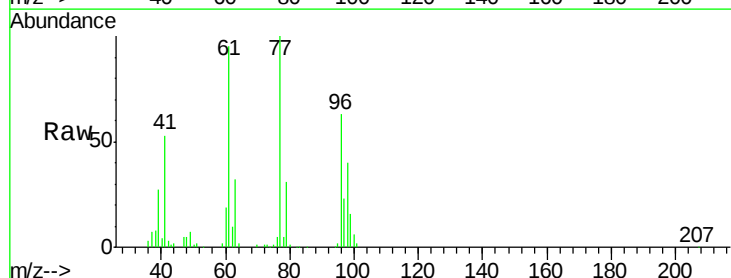
Acq: 09 Dec 2020 12:41

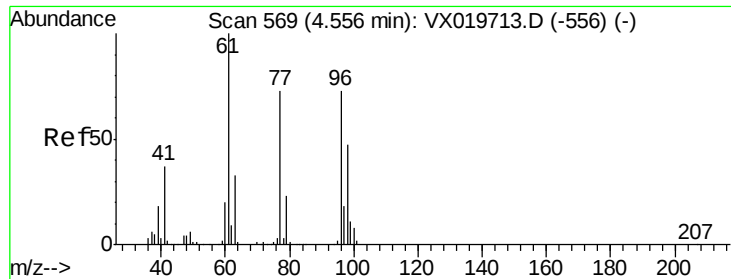
Tgt Ion: 77 Resp: 86754

Ion Ratio Lower Upper

77 100

97 23.5 11.7 35.1





#27

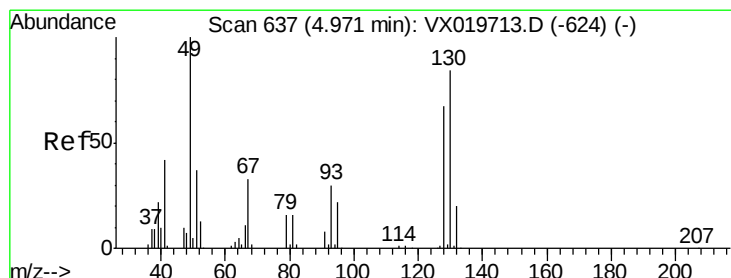
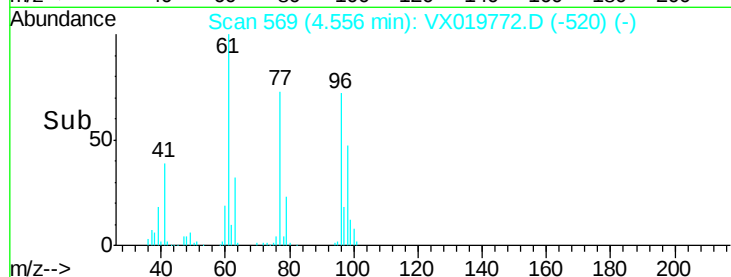
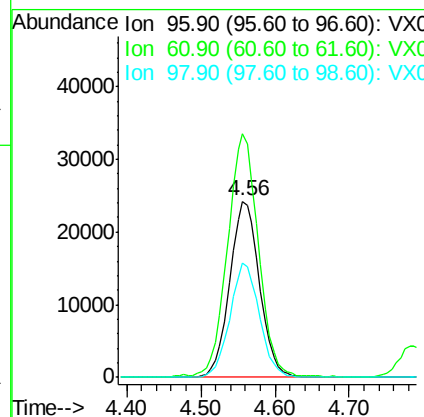
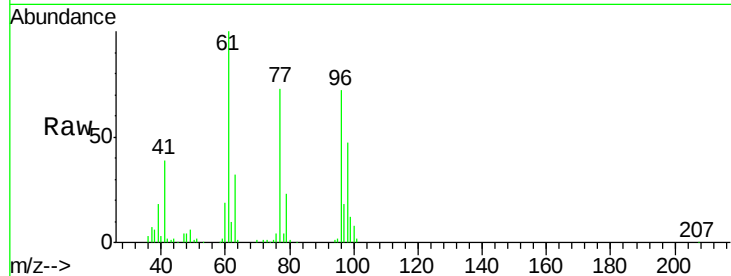
cis-1,2-Dichloroethene
Concen: 18.740 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.7	0.0	285.6
98	64.1	0.0	129.6

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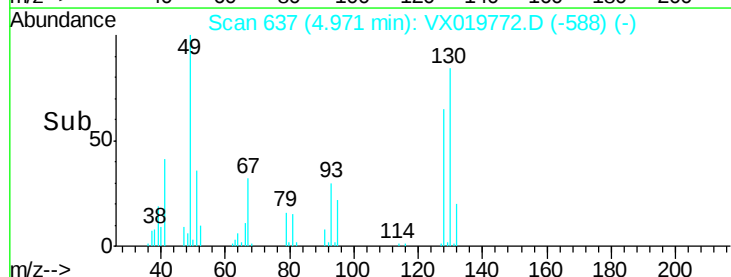
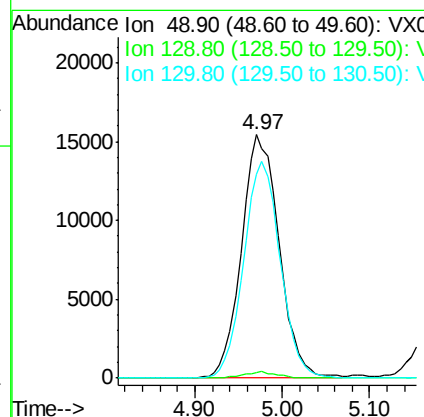
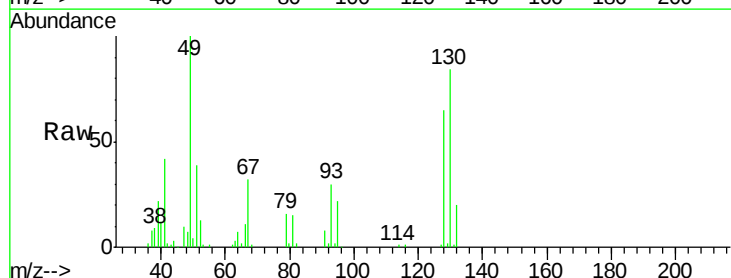
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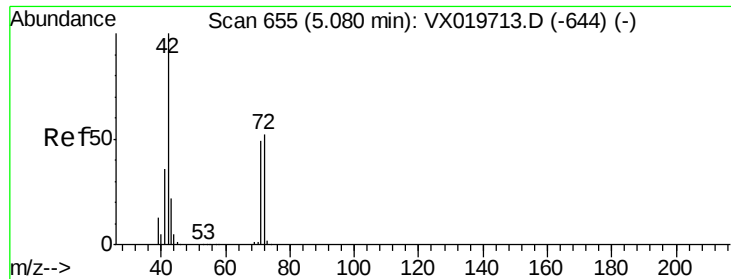


#28

Bromochloromethane
Concen: 17.763 ug/l
RT: 4.97 min Scan# 637
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	86.4	68.2	102.2





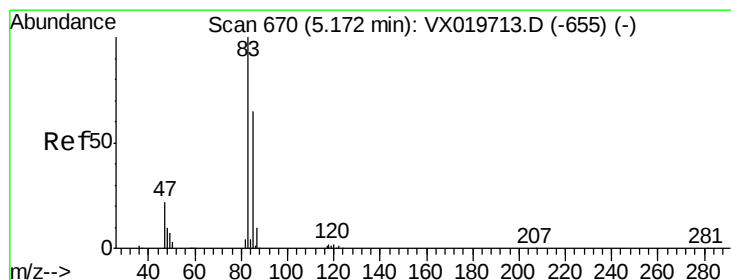
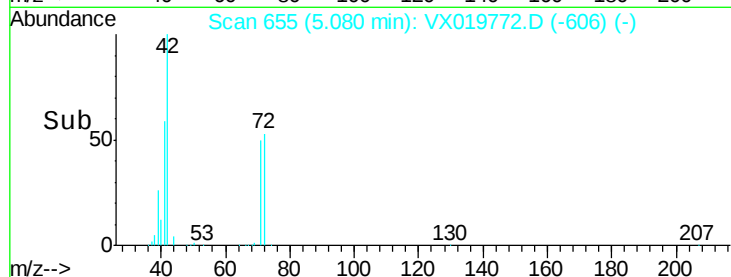
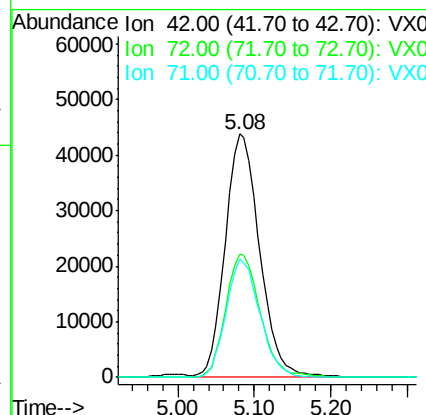
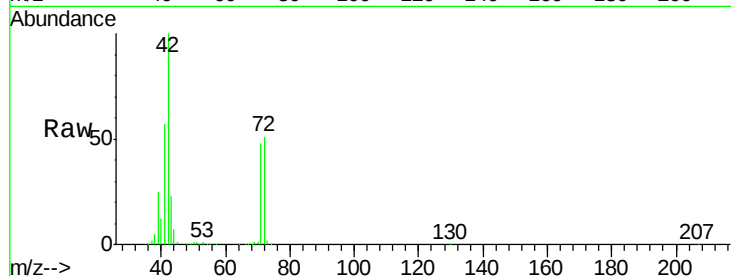
#29
Tetrahydrofuran
Concen: 95.467 ug/l
RT: 5.08 min Scan# 655
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.7	41.7	62.5
71	48.3	38.4	57.6

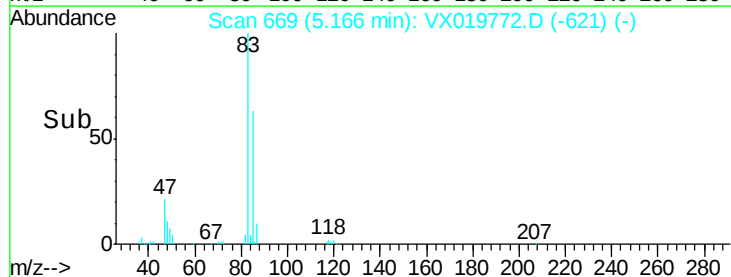
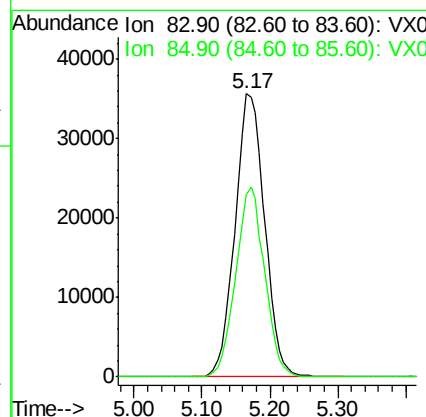
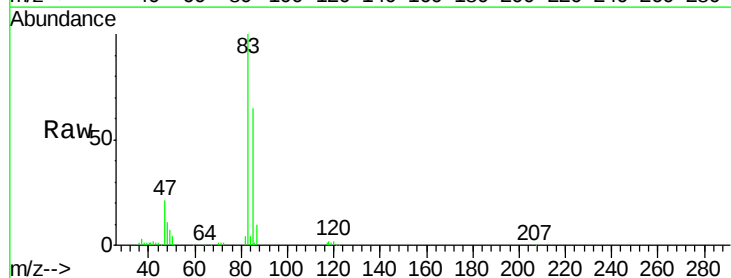
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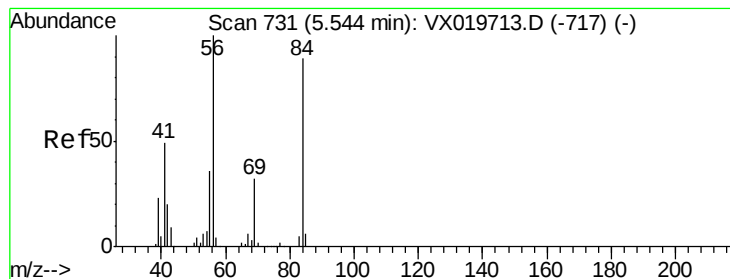
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#30
Chloroform
Concen: 19.149 ug/l
RT: 5.17 min Scan# 669
Delta R.T. -0.01 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.0	78.0





#31

Cvclohexane

Concen: 18.718 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

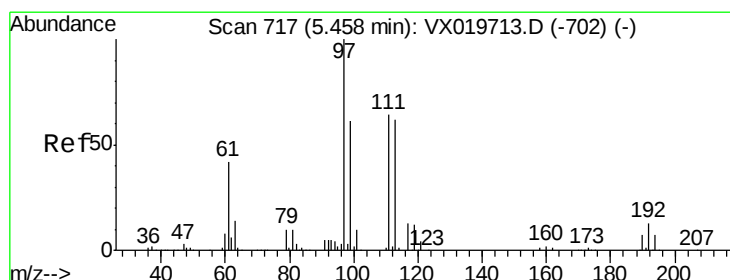
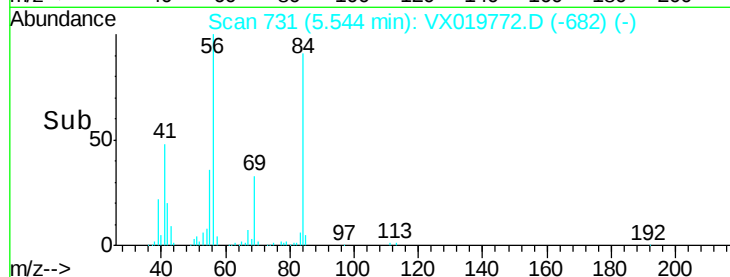
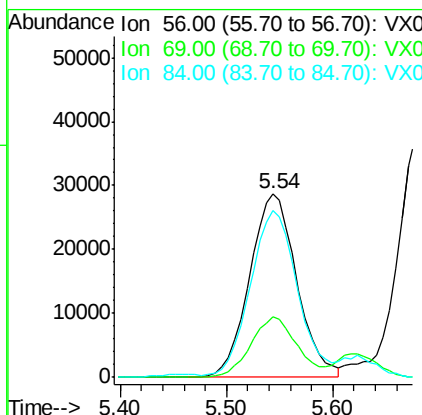
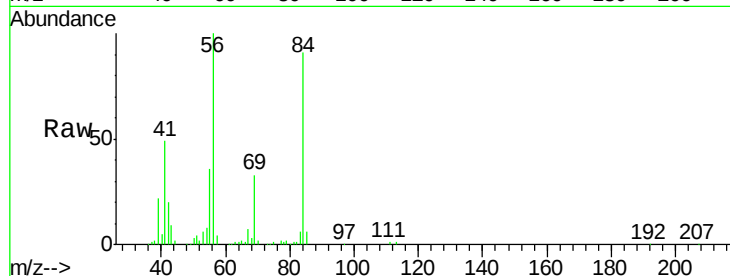
ClientSampleId :

VX1209WBSD01

Tot Ion:	56	Resp:	88610
Ion	Ratio	Lower	Upper
56	100		
69	32.7	25.3	37.9
84	89.3	71.4	107.0

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#32

1,1,1-Trichloroethane

Concen: 19.033 ug/l

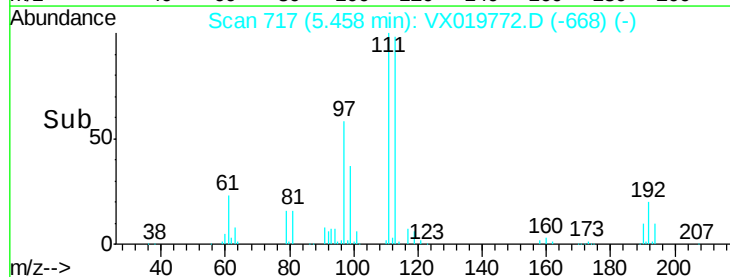
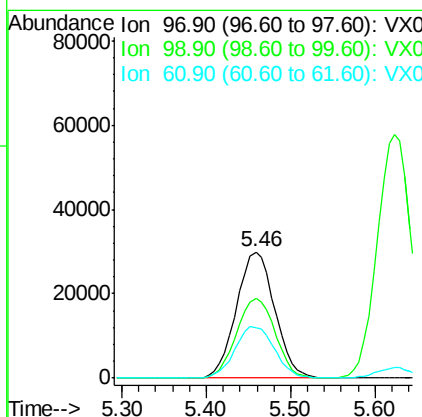
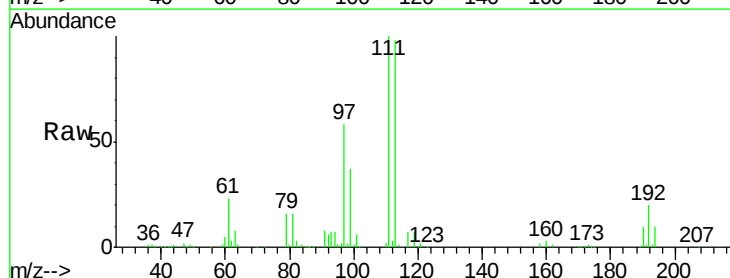
RT: 5.46 min Scan# 717

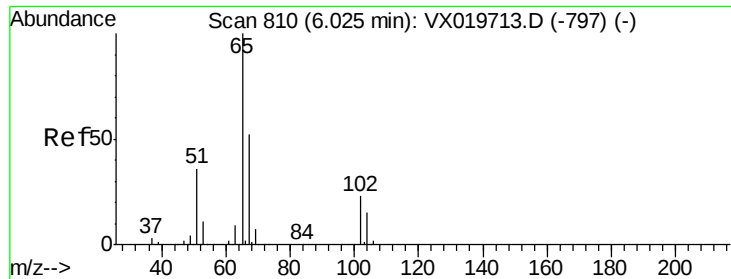
Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Tgt Ion:	97	Resp:	92068
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.5	77.3
61	42.6	34.2	51.4





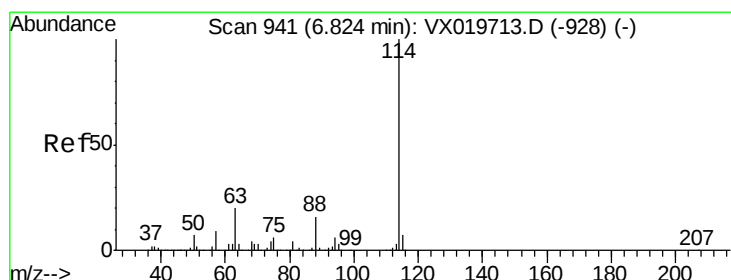
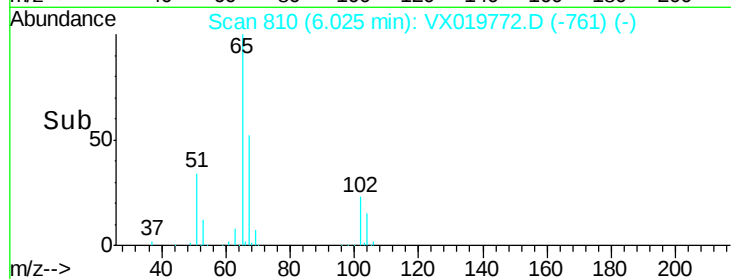
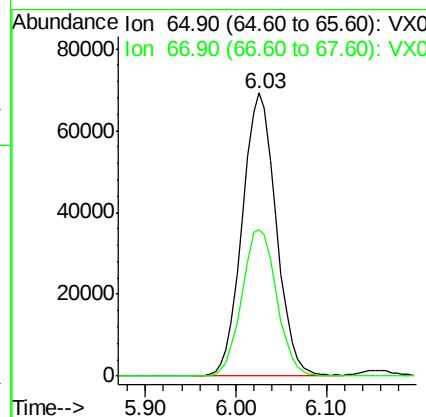
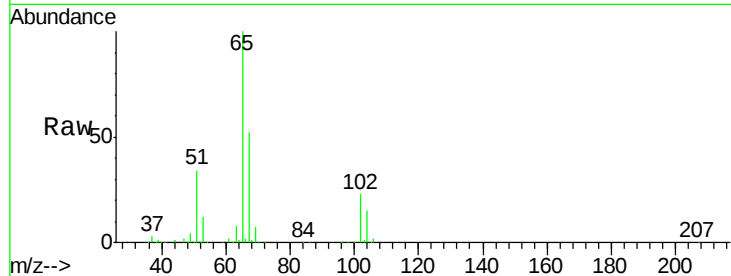
#33
 1,2-Dichloroethane-d4
 Concen: 47.142 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: VX019772.D
 Acq: 09 Dec 2020 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	179404		
67	53.1	0.0	105.4	

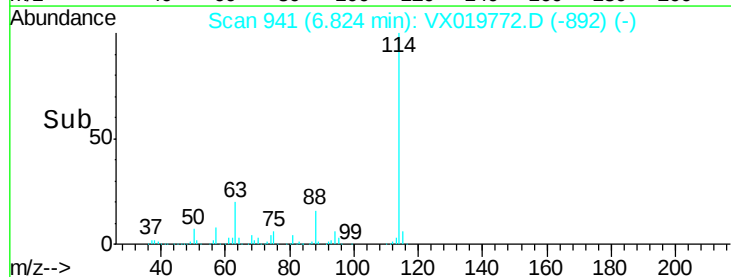
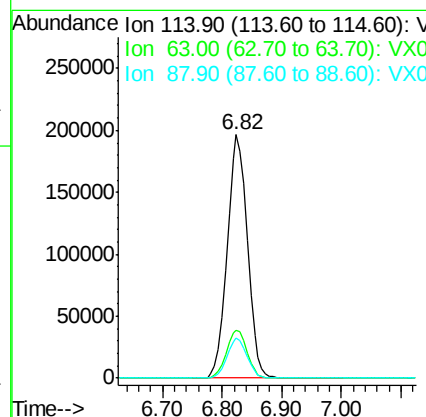
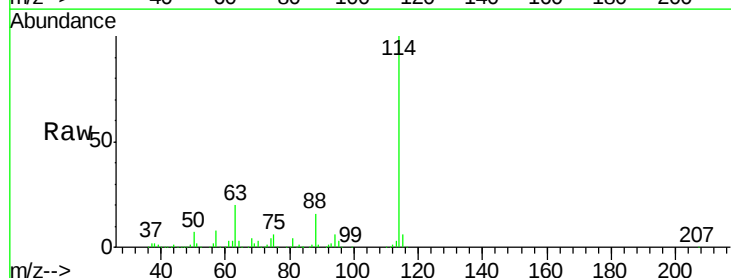
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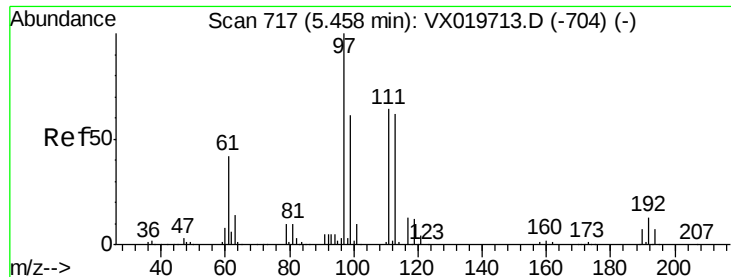
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: VX019772.D
 Acq: 09 Dec 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	463393		
63	19.9	0.0	40.8	
88	16.5	0.0	32.8	





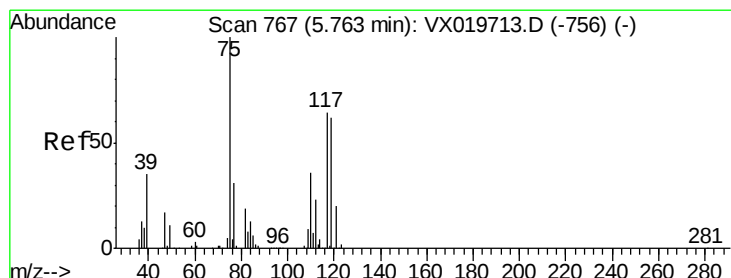
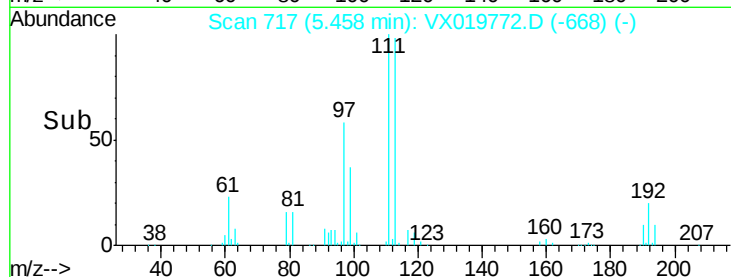
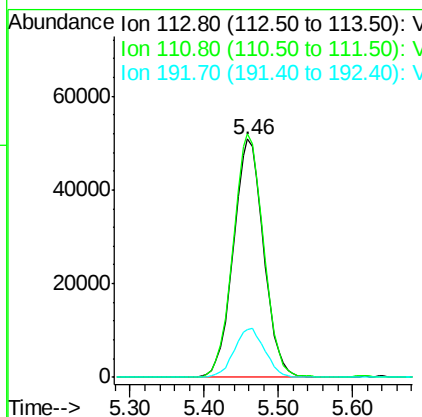
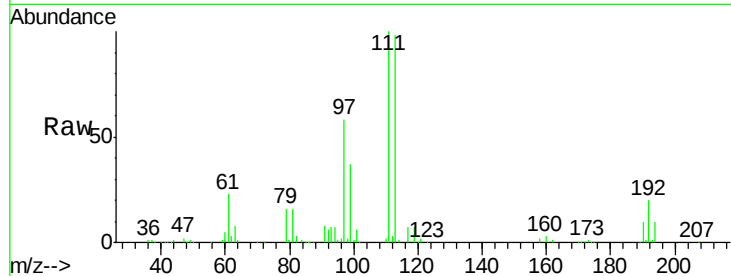
#35
Dibromofluoromethane
Concen: 48.387 ug/l
RT: 5.46 min Scan# 717
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	144910		
111	102.5	81.9	122.9	
192	20.8	16.7	25.1	

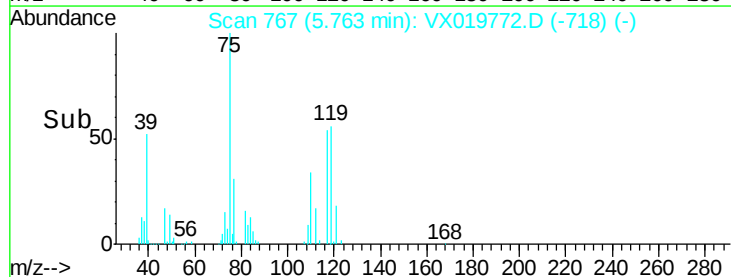
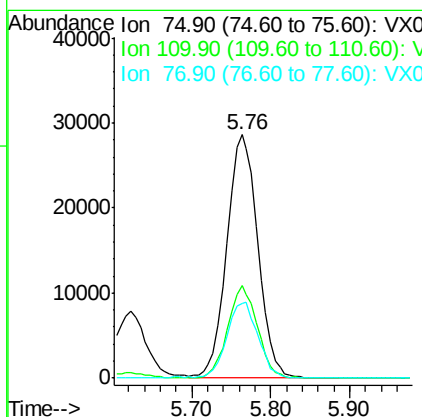
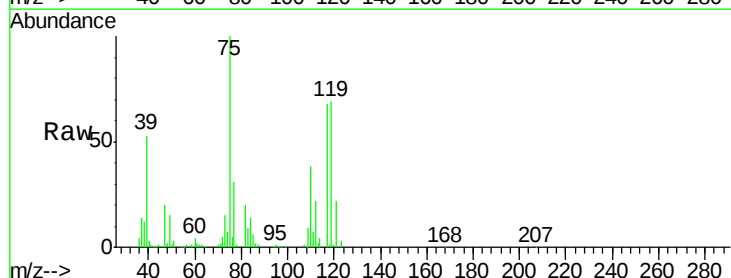
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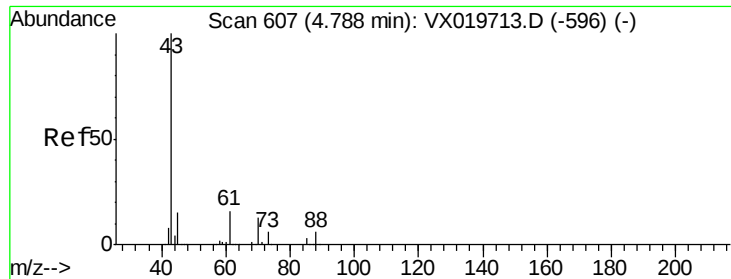
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#36
1,1-Dichloropropene
Concen: 18.682 ug/l
RT: 5.76 min Scan# 767
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	78229		
110	36.1	18.1	54.4	
77	31.4	25.3	37.9	





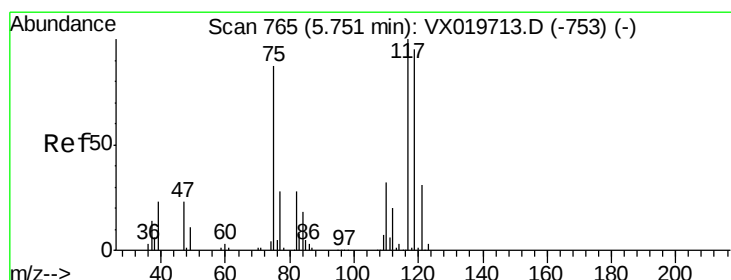
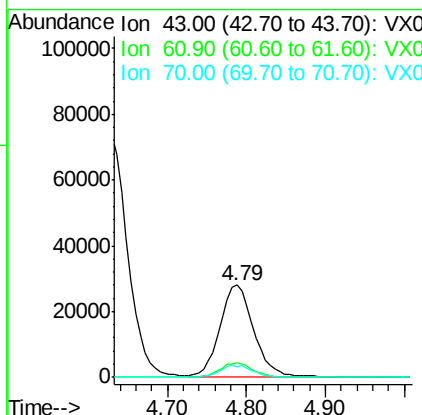
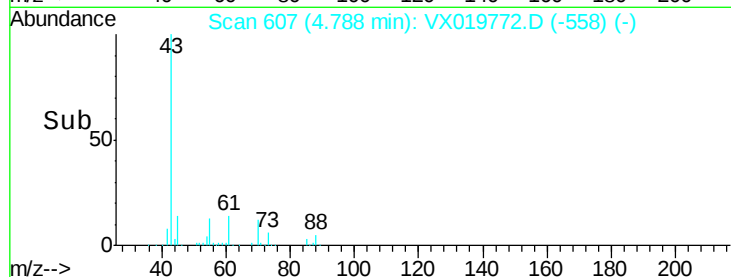
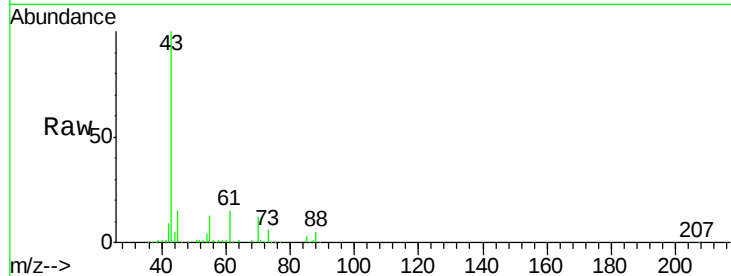
#37
Ethyl Acetate
Concen: 19.475 ug/l
RT: 4.79 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.8	19.2
70	13.1	10.5	15.7

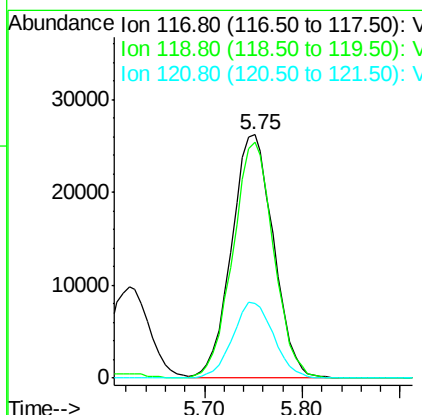
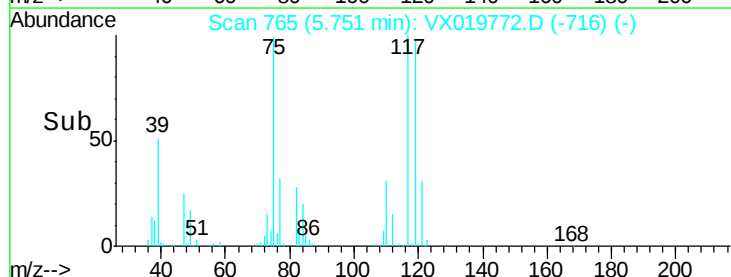
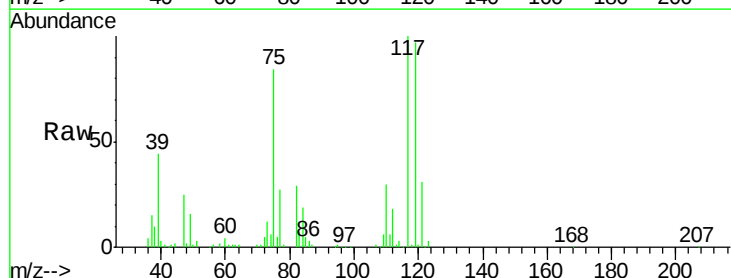
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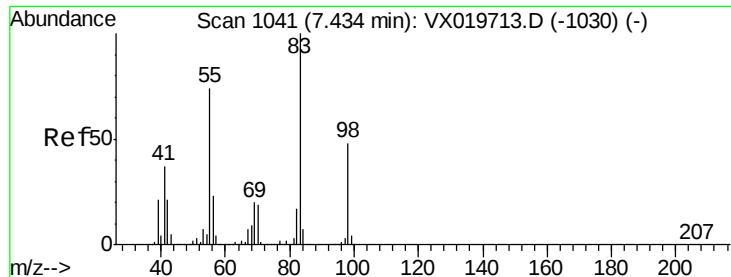
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#38
Carbon Tetrachloride
Concen: 19.078 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.2	114.2
121	30.5	24.8	37.2





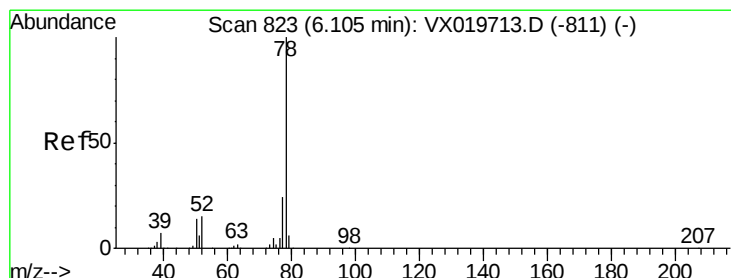
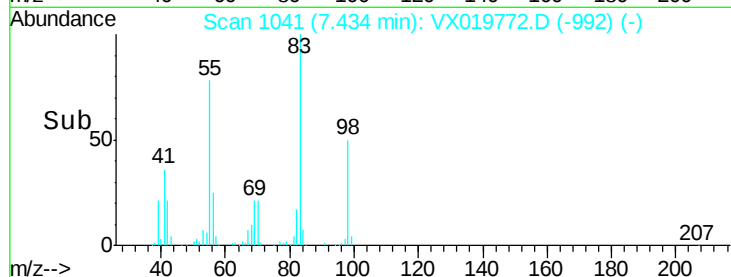
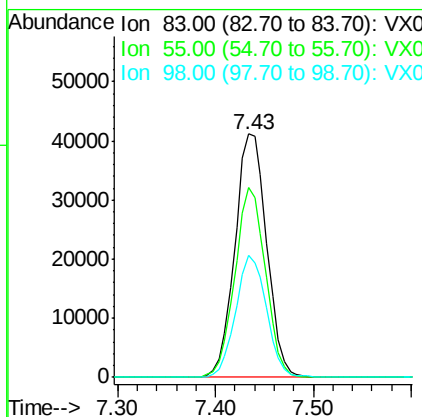
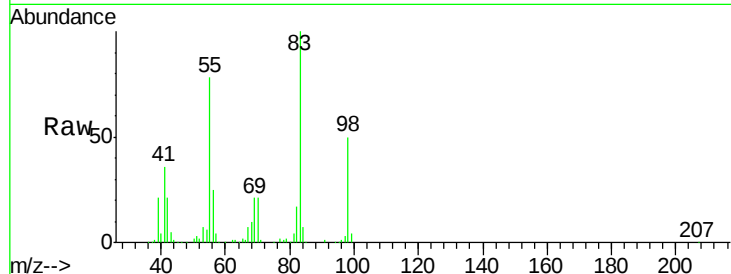
#39
Methylvlcyclohexane
Concen: 18.858 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.8	58.9	88.3
98	50.4	38.1	57.1

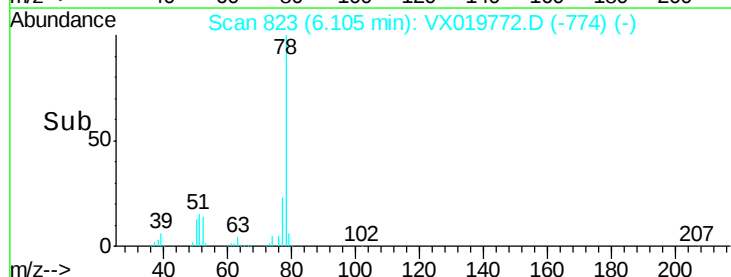
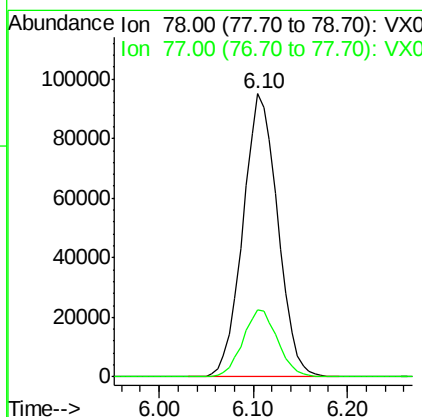
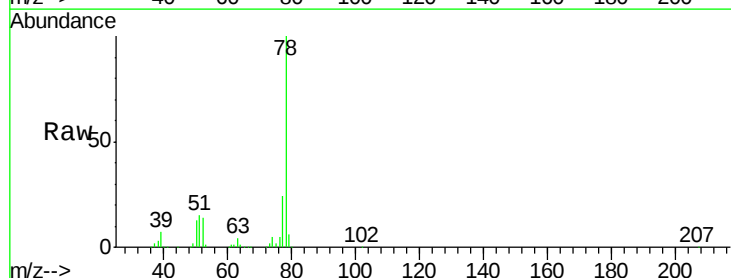
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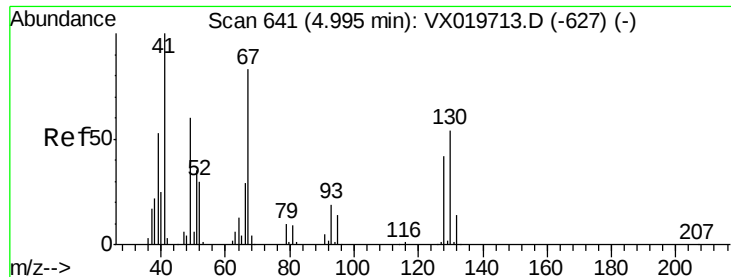
MMDadoda
12/10/2020 9:31:49 AM



#40
Benzene
Concen: 19.095 ug/l
RT: 6.10 min Scan# 823
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.9	28.3





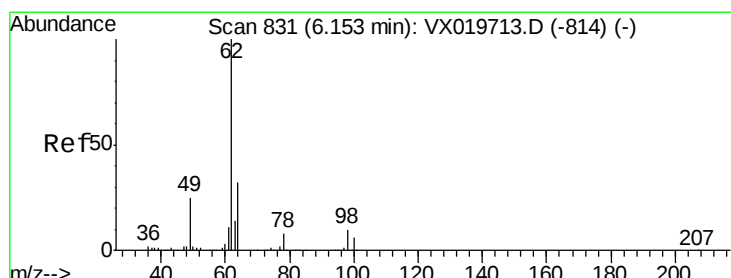
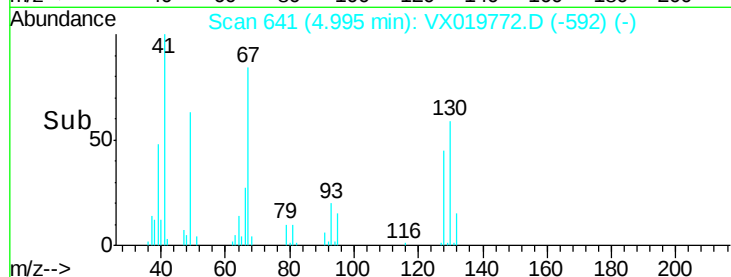
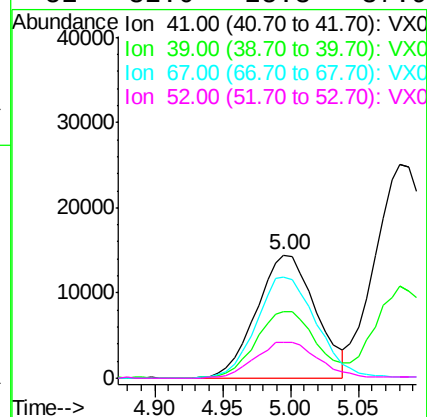
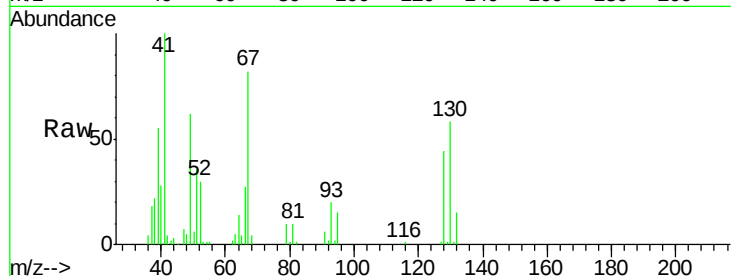
#41
Methacrylonitrile
Concen: 18.963 ug/l
RT: 5.00 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.1	42.5	63.7
67	84.5	65.0	97.6
52	32.0	25.3	37.9

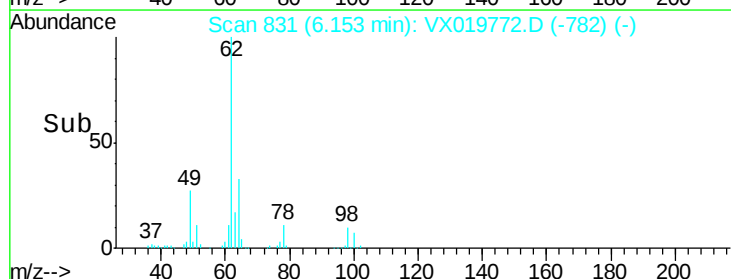
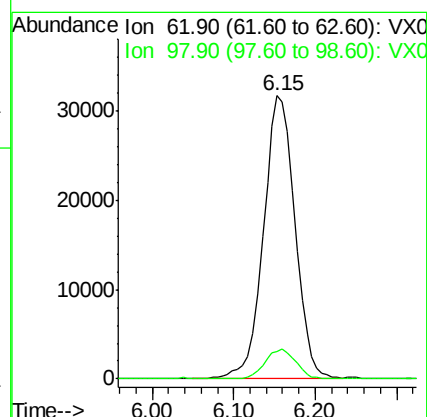
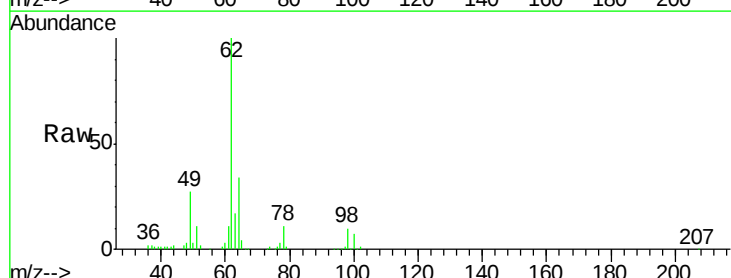
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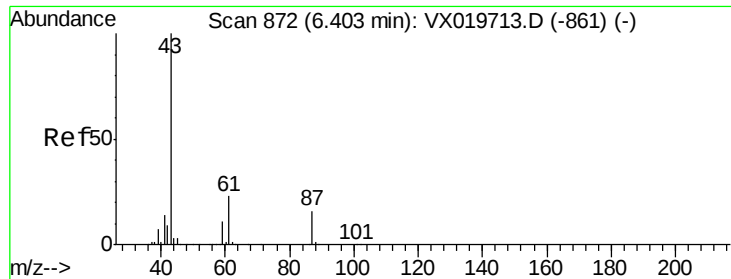
MMDadoda
12/10/2020 9:31:49 AM



#42
1,2-Dichloroethane
Concen: 19.514 ug/l
RT: 6.15 min Scan# 831
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.2





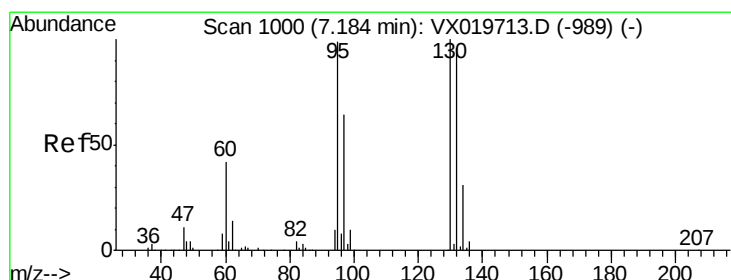
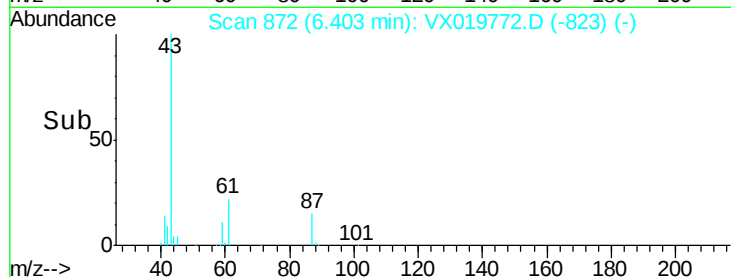
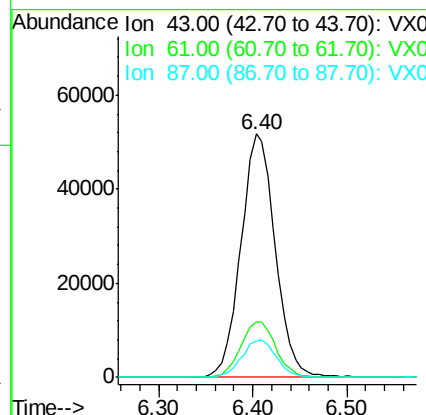
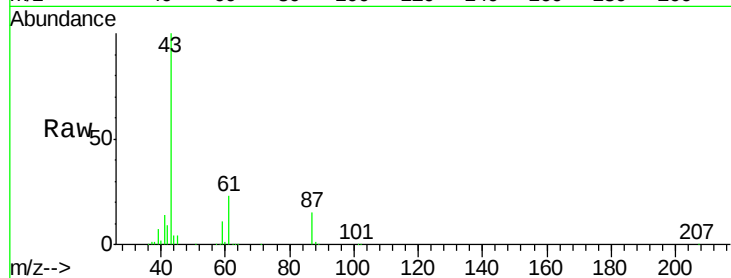
#43
Isopropyl Acetate
Concen: 19.114 ug/l
RT: 6.40 min Scan# 872
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.5	18.2	27.4
87	15.4	12.5	18.7

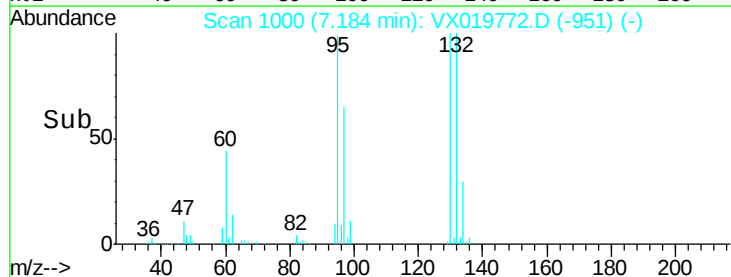
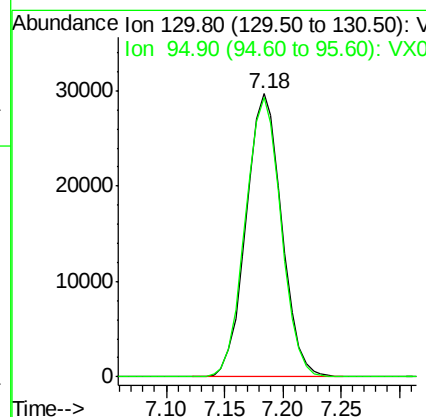
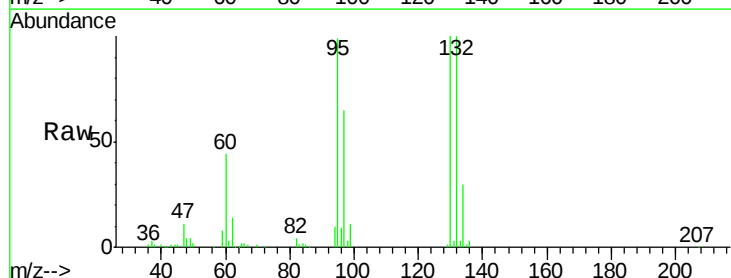
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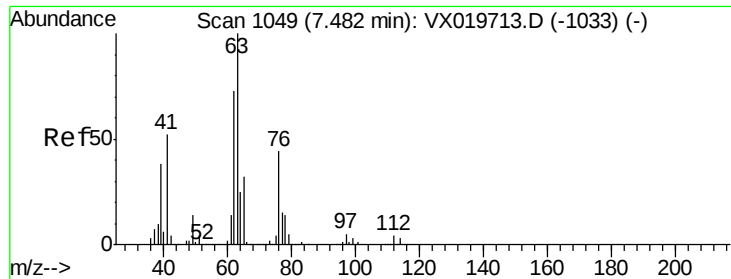
MMDadoda
12/10/2020 9:31:49 AM



#44
Trichloroethene
Concen: 18.898 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	198.0





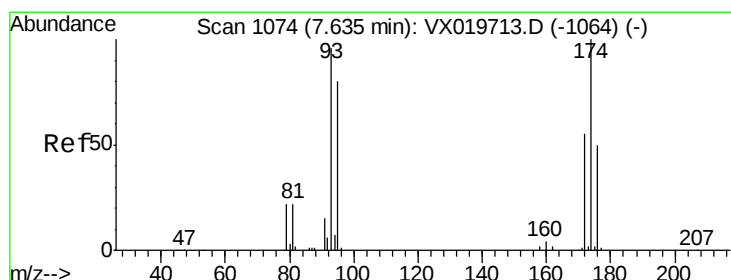
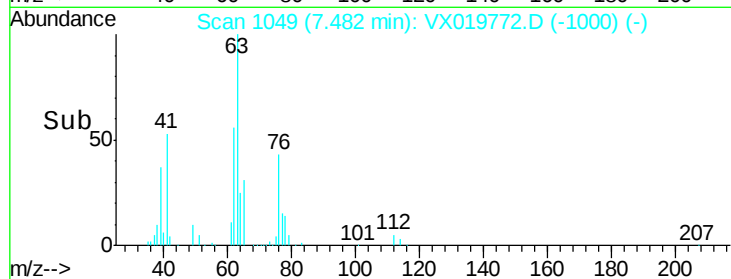
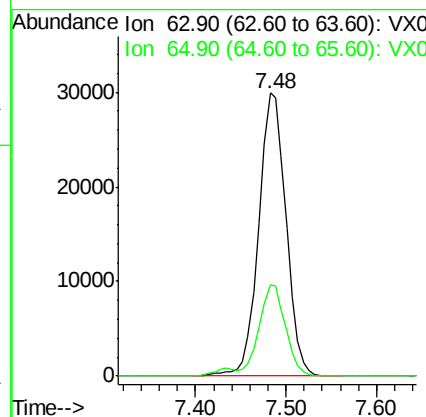
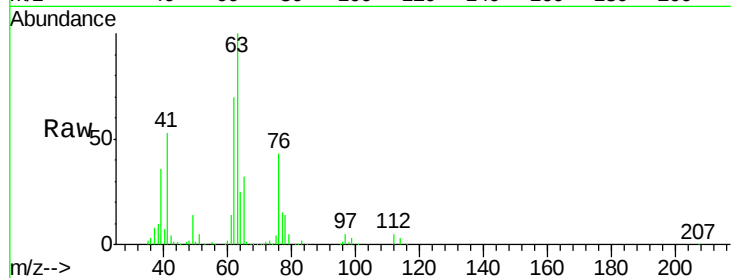
#45
 1,2-Dichloropropane
 Concen: 19.519 ug/l
 RT: 7.48 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VX019772.D
 Acq: 09 Dec 2020 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD01

Tot Ion: 63 Resp: 62399
 Ion Ratio Lower Upper
 63 100
 65 32.5 25.7 38.5

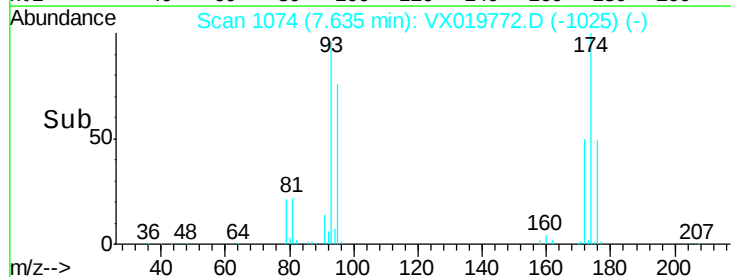
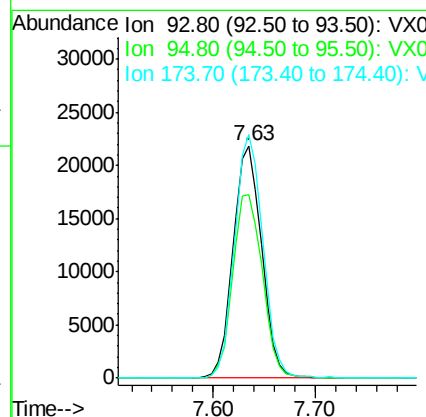
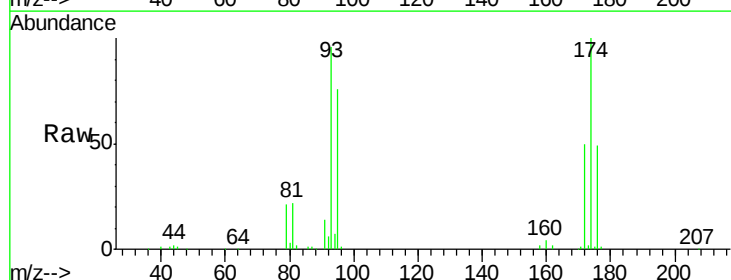
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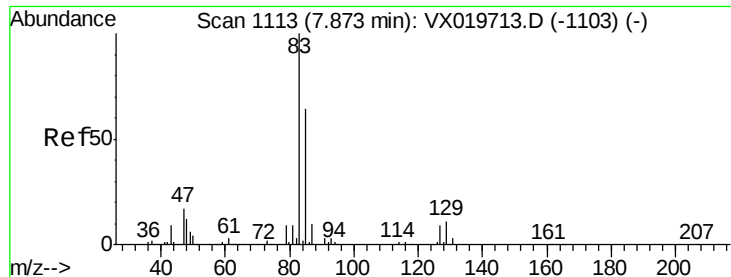
MMDadoda
 12/10/2020 9:31:49 AM



#46
 Dibromomethane
 Concen: 19.613 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX019772.D
 Acq: 09 Dec 2020 12:41

Tgt Ion: 93 Resp: 42342
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.8 100.2
 174 103.5 83.1 124.7





#47

Bromodichloromethane

Concen: 19.237 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

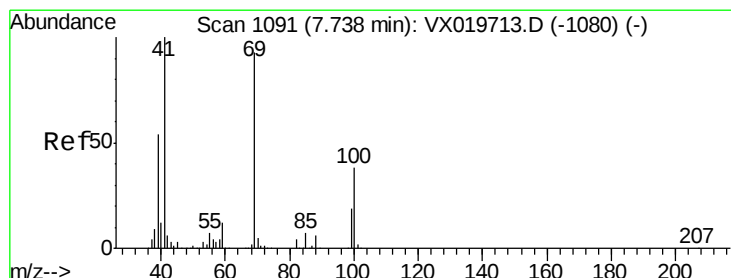
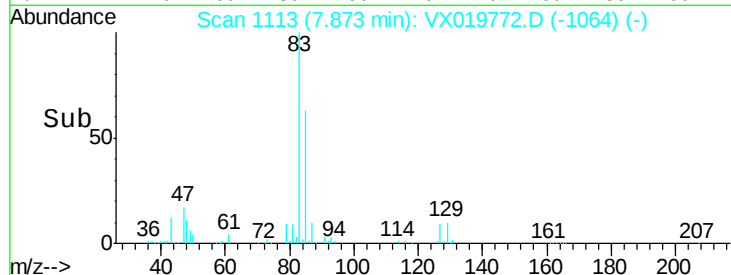
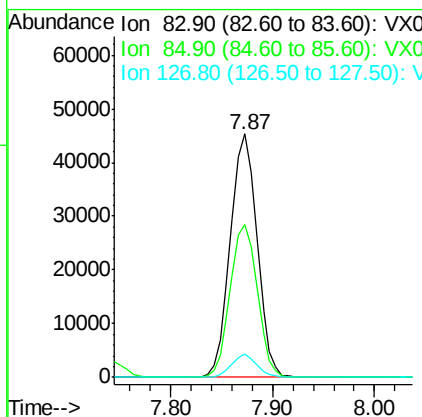
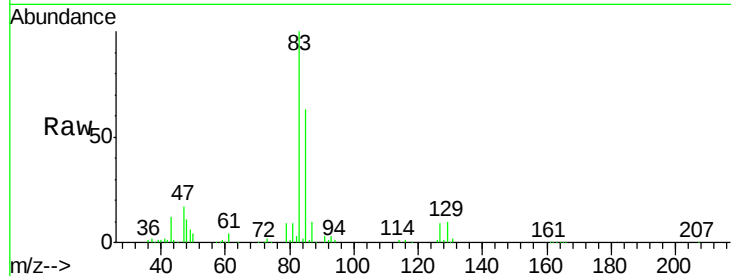
ClientSampleId :

VX1209WBSD01

Tot Ion:	83	Resp:	82411
Ion Ratio	Lower	Upper	
83	100		
85	62.6	51.4	77.0
127	9.4	6.8	10.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.055 ug/l

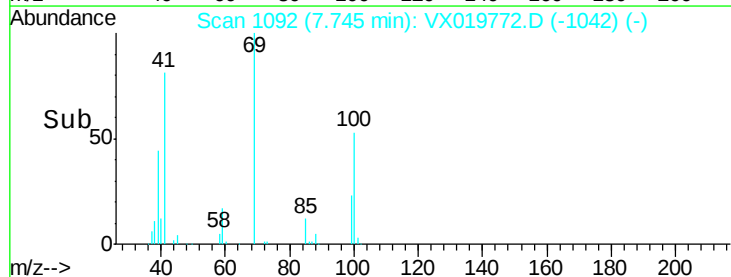
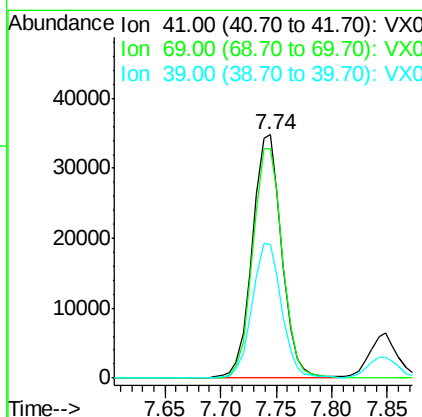
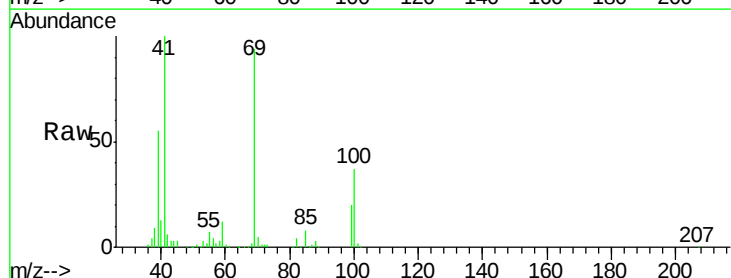
RT: 7.74 min Scan# 1092

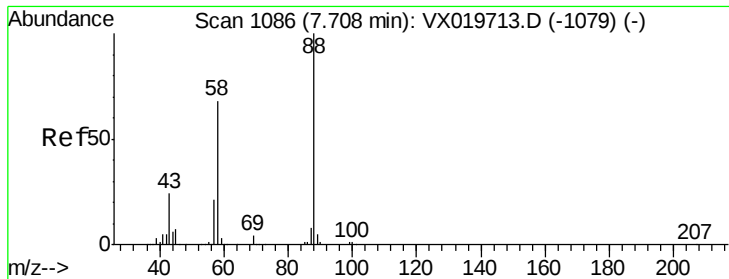
Delta R.T. 0.01 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Tgt Ion:	41	Resp:	64417
Ion Ratio	Lower	Upper	
41	100		
69	94.7	76.0	114.0
39	55.5	44.6	67.0





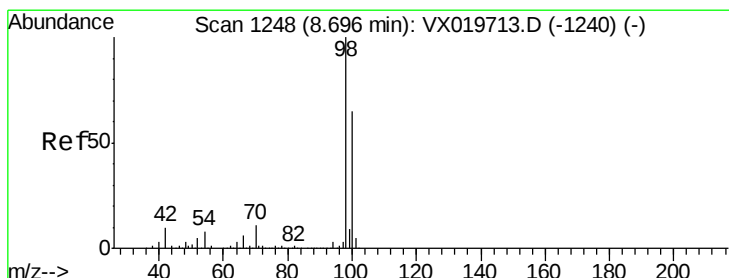
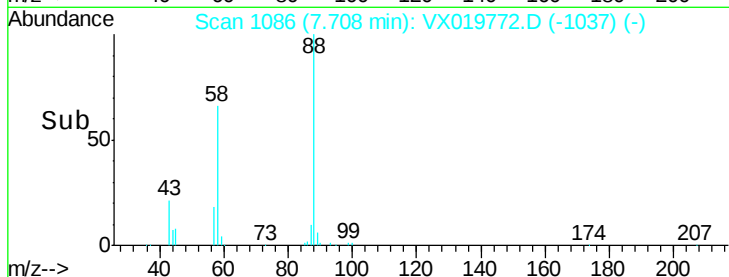
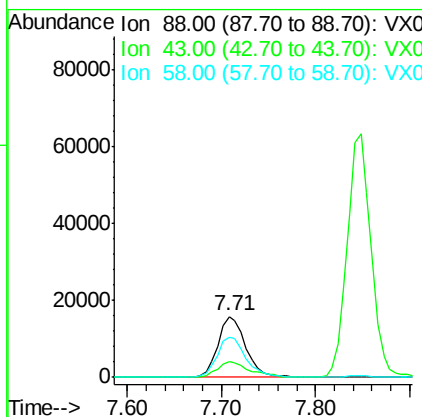
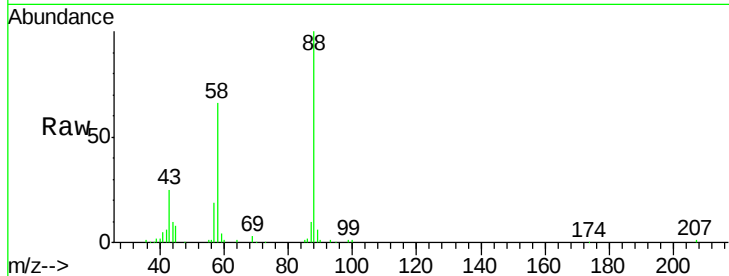
#49
1,4-Dioxane
Concen: 394.251 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.4	23.2	34.8
58	69.3	55.0	82.4

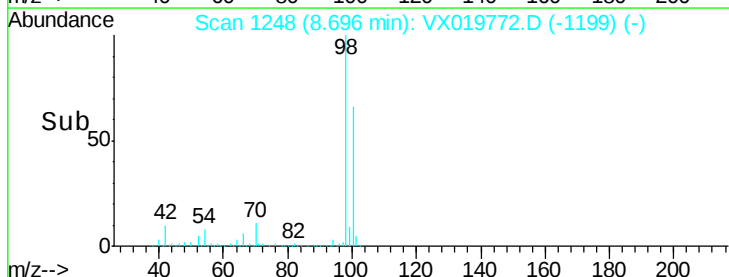
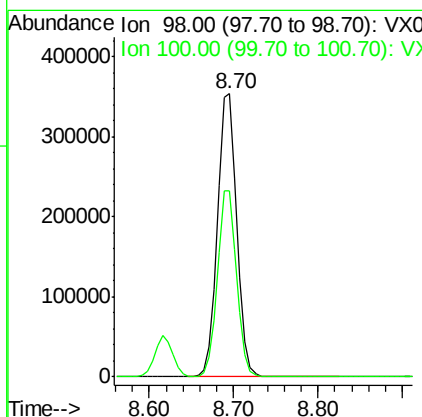
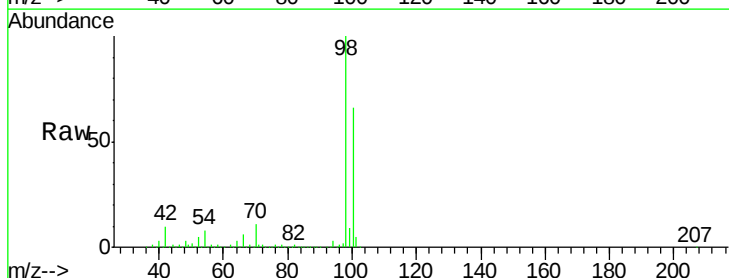
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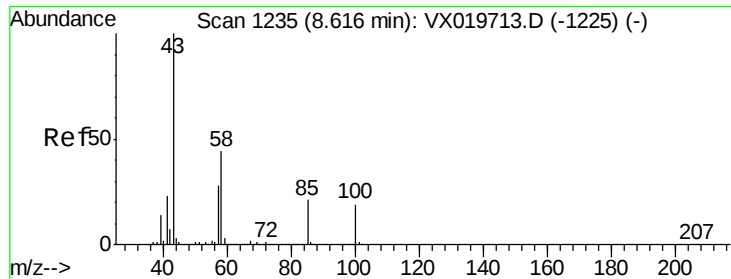
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#50
Toluene-d8
Concen: 49.066 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.9	77.9





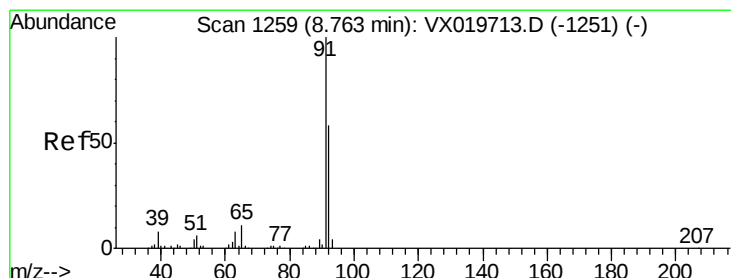
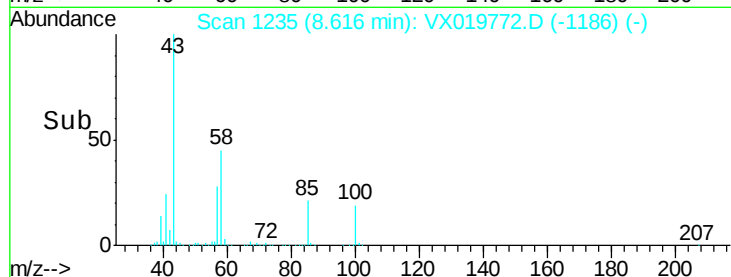
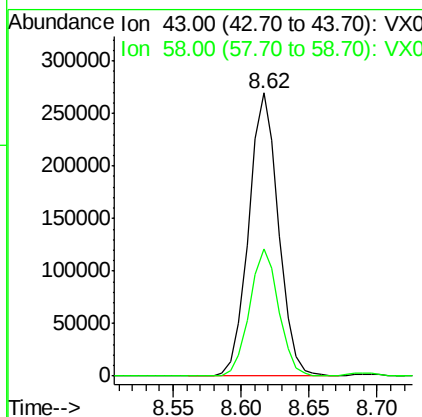
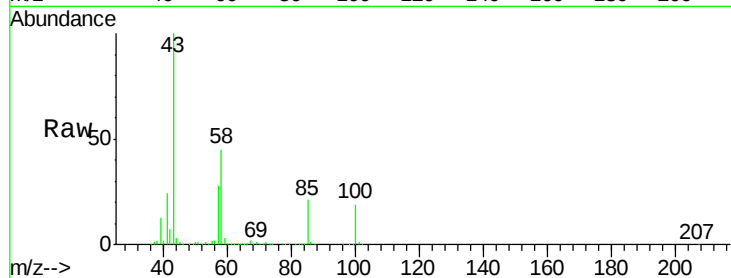
#51
4-Methyl-2-Pentanone
Concen: 98.461 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tot Ion: 43 Resp: 413200
Ion Ratio Lower Upper
43 100
58 44.3 35.4 53.0

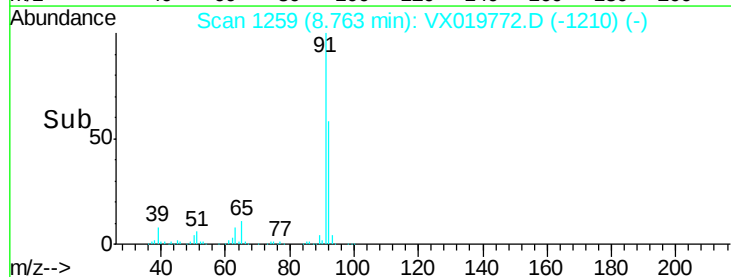
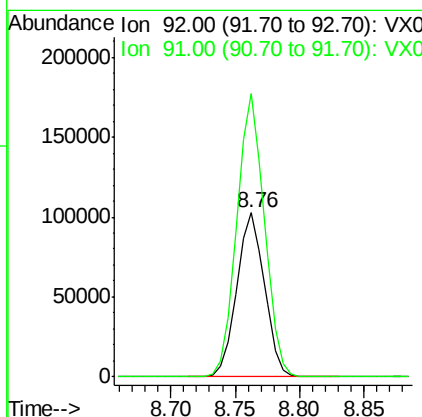
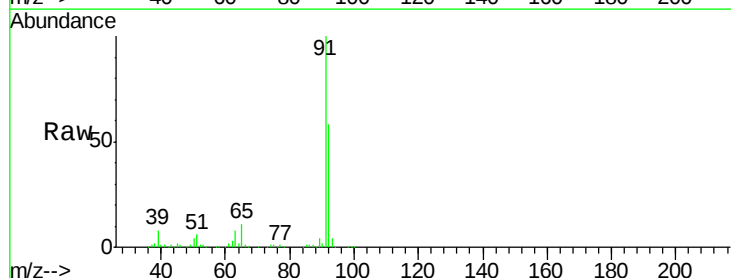
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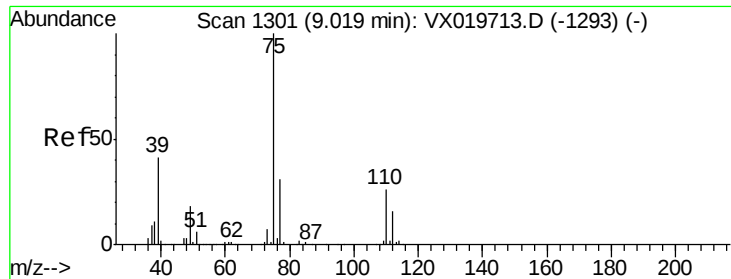
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#52
Toluene
Concen: 19.191 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion: 92 Resp: 153532
Ion Ratio Lower Upper
92 100
91 171.2 137.1 205.7





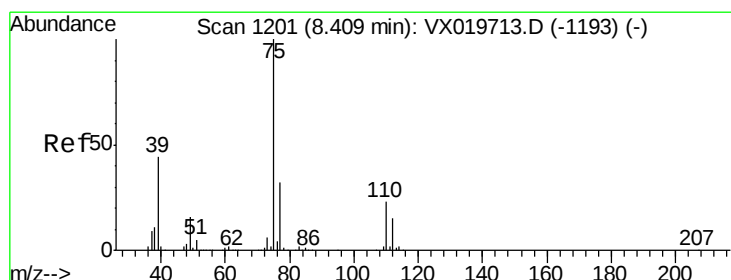
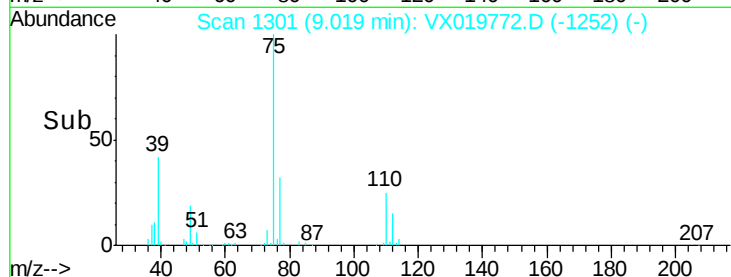
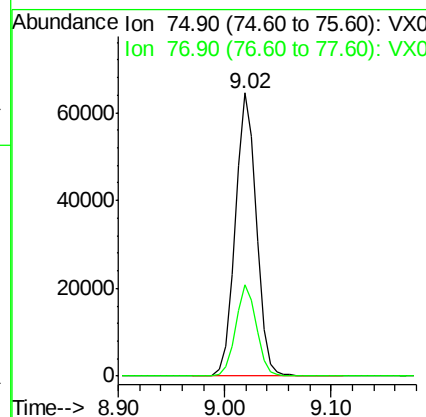
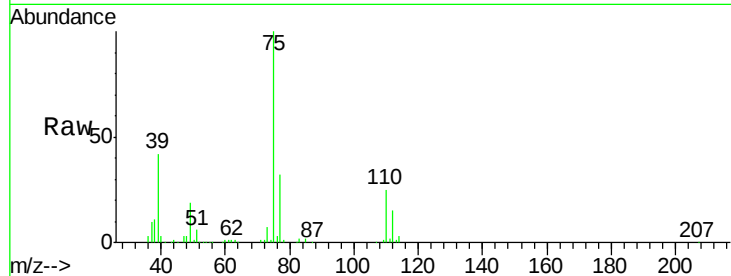
#53
t-1,3-Dichloropropene
Concen: 18.925 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	24.9	37.3

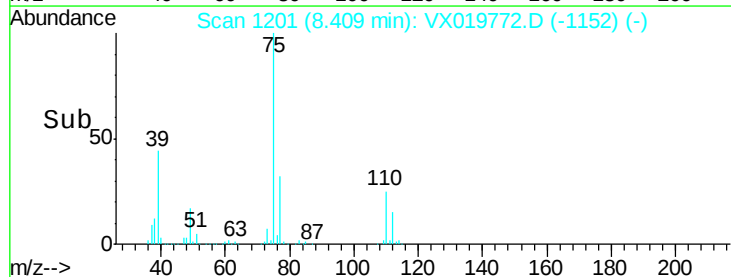
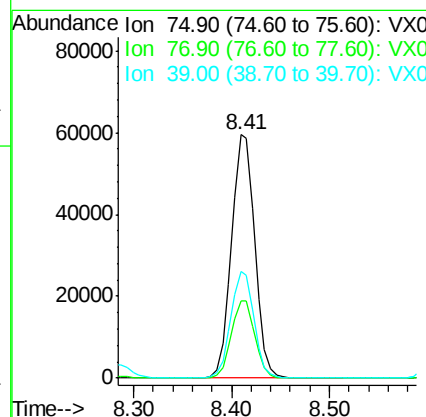
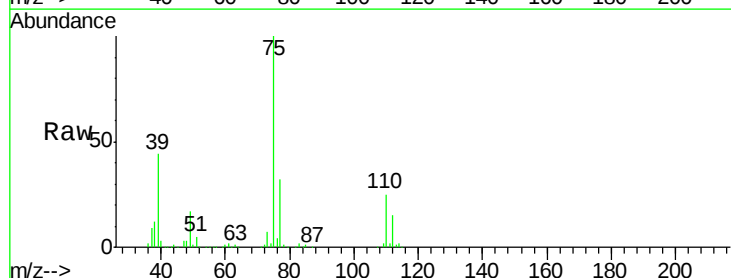
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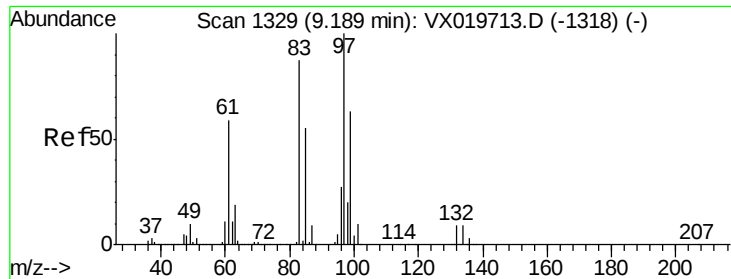
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#54
cis-1,3-Dichloropropene
Concen: 19.035 ug/l
RT: 8.41 min Scan# 1201
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.7	38.5
39	43.8	35.1	52.7





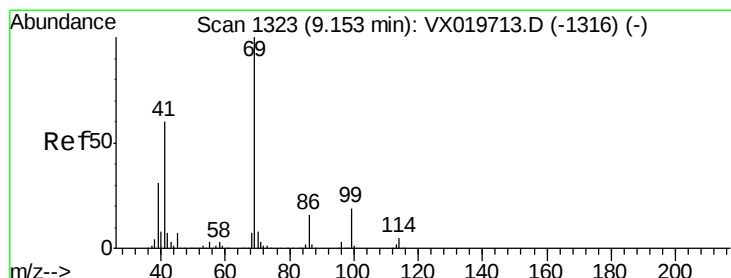
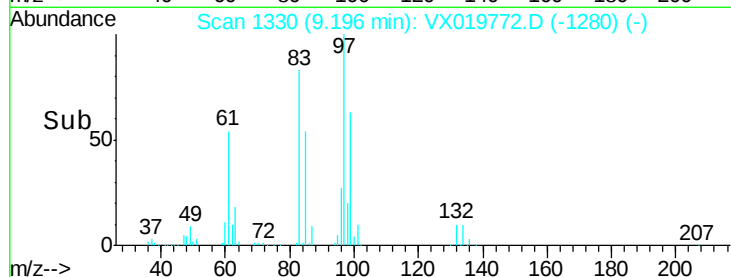
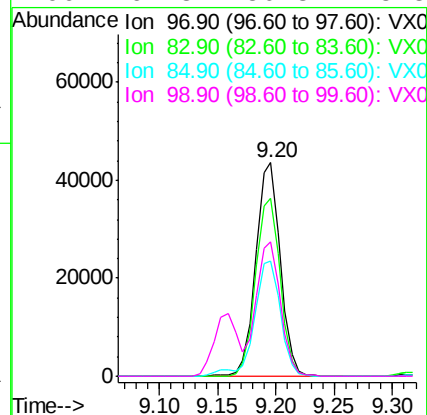
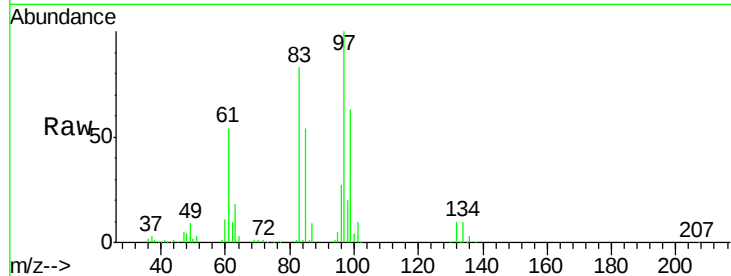
#55
 1,1,2-Trichloroethane
 Concen: 19.918 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019772.D
 Acq: 09 Dec 2020 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD01

Tot Ion:	97	Resp:	64216
Ion	Ratio	Lower	Upper
97	100		
83	83.4	69.3	103.9
85	54.2	44.3	66.5
99	62.8	50.3	75.5

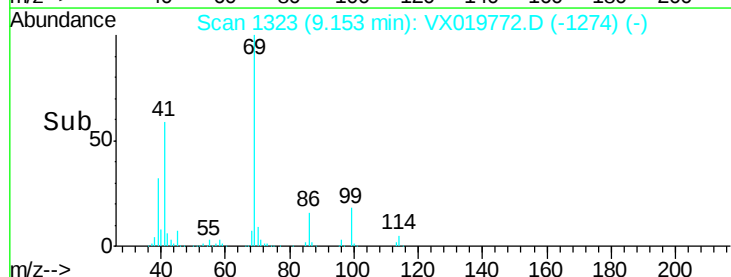
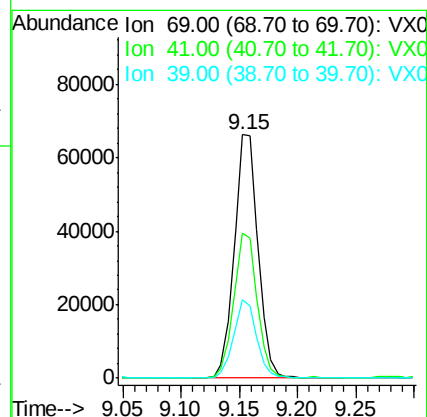
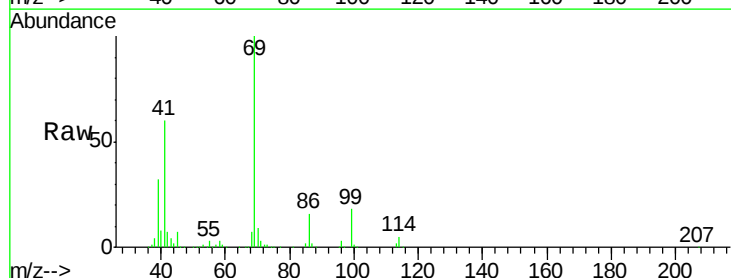
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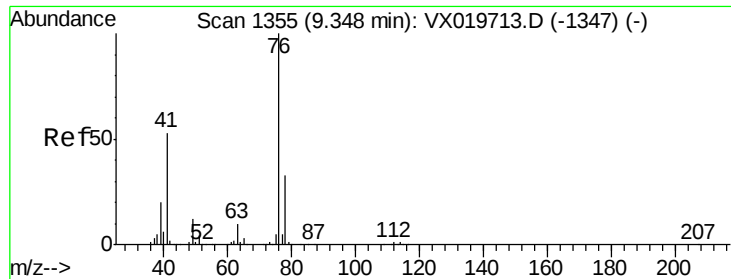
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#56
 Ethyl methacrylate
 Concen: 19.328 ug/l
 RT: 9.15 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX019772.D
 Acq: 09 Dec 2020 12:41

Tgt Ion:	69	Resp:	94277
Ion	Ratio	Lower	Upper
69	100		
41	58.8	46.8	70.2
39	30.9	24.7	37.1





#57

1,3-Dichloropropane

Concen: 19.432 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

Tot Ion: 76 Resp: 106970

Ion Ratio Lower Upper

76 100

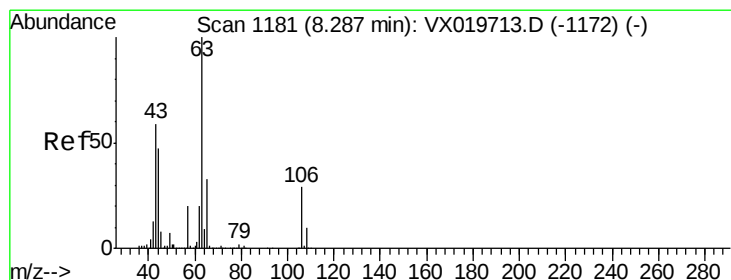
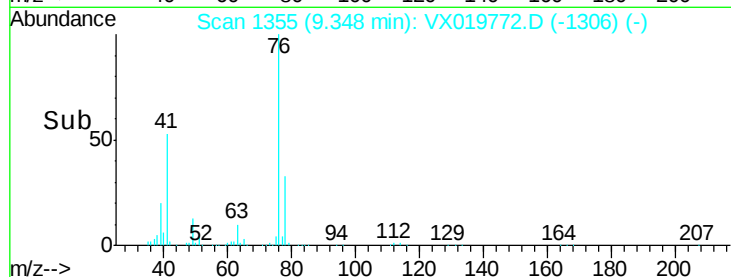
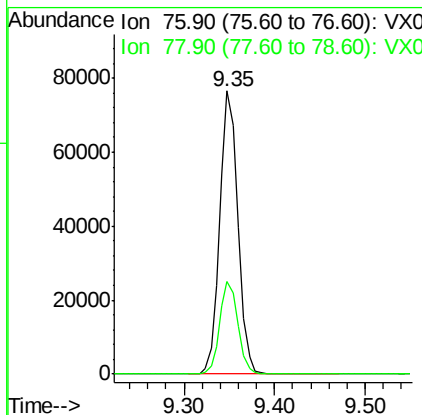
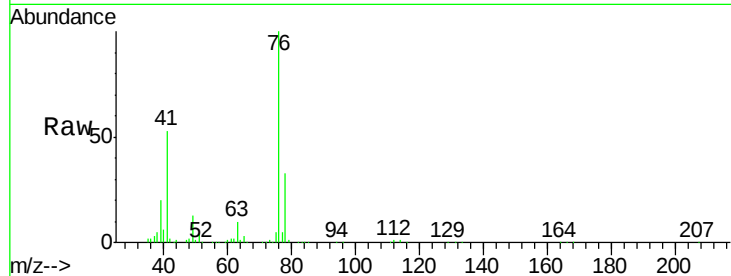
78 33.0 26.2 39.2

Manual Integrations

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12/10/2020 9:31:49 AM



#58

2-Chloroethyl Vinyl ether

Concen: 99.707 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX019772.D

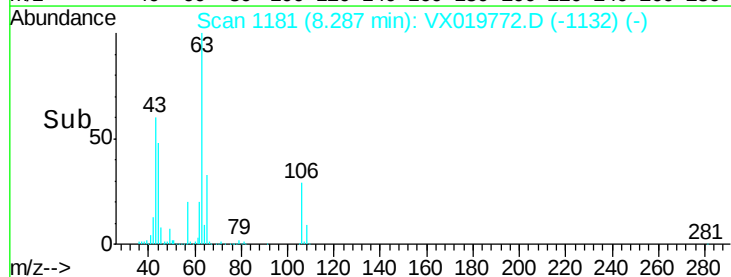
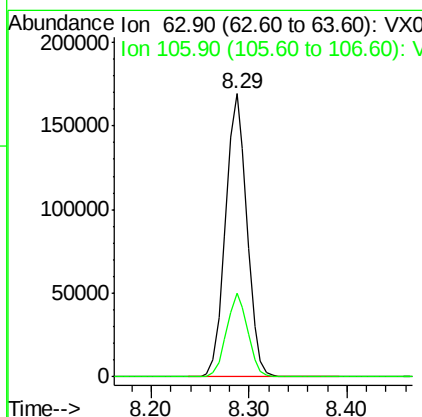
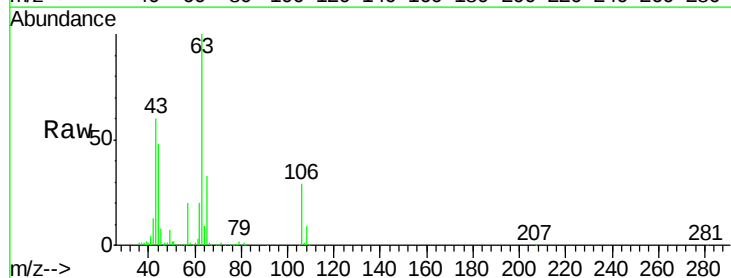
Acq: 09 Dec 2020 12:41

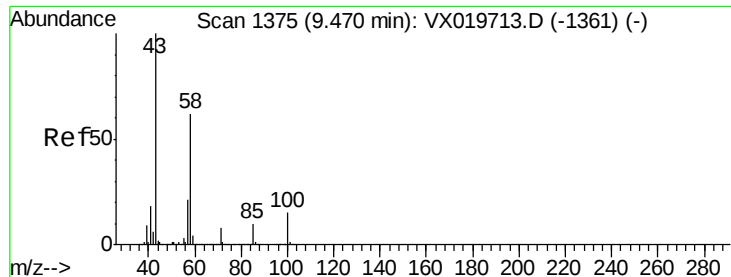
Tgt Ion: 63 Resp: 257645

Ion Ratio Lower Upper

63 100

106 29.2 23.5 35.3





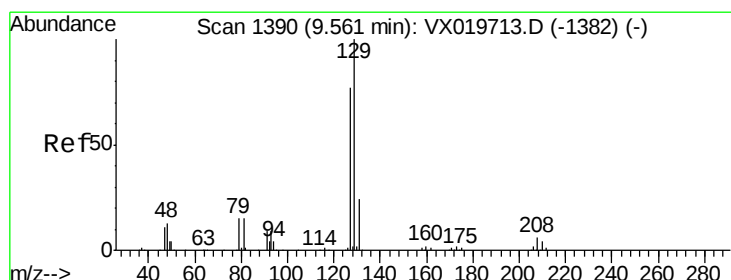
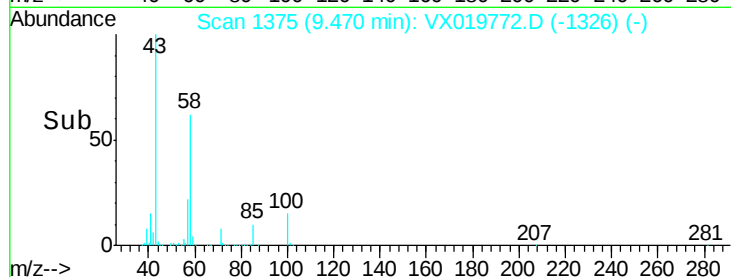
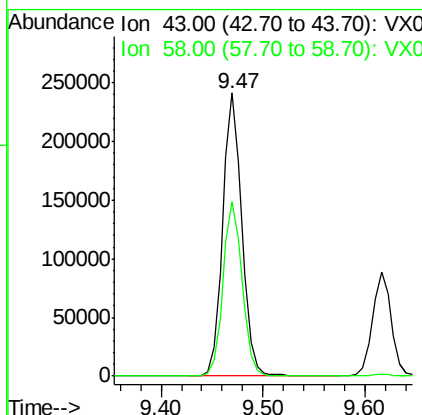
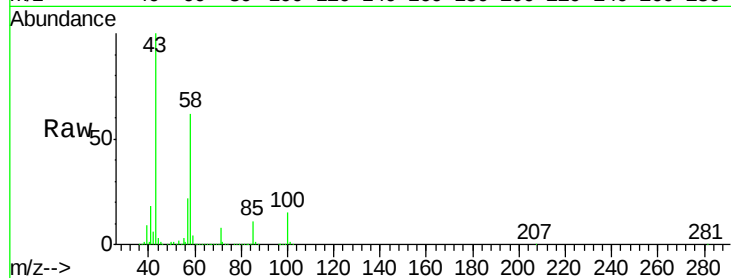
#59
2-Hexanone
Concen: 96.765 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.6	30.9	92.8

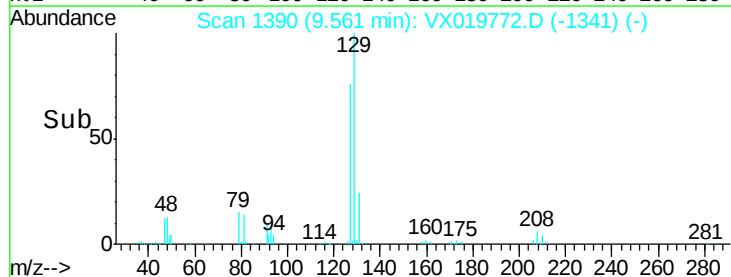
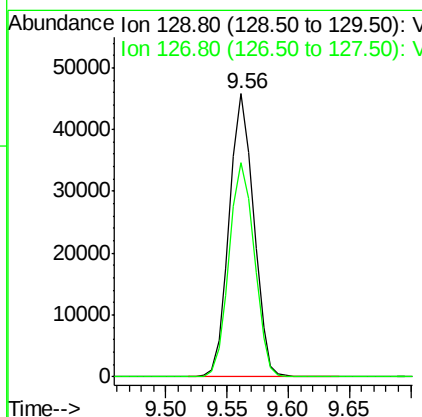
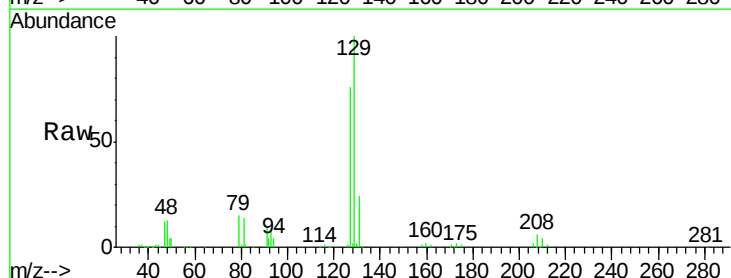
Manual Integrations
APPROVED

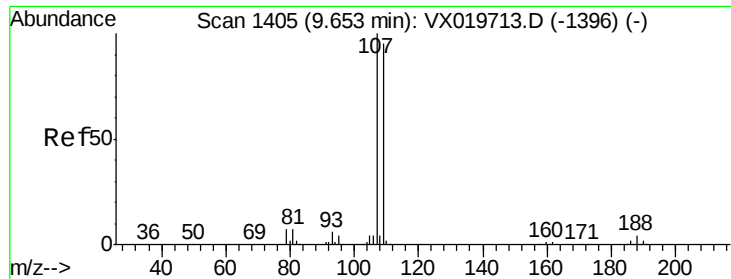
MMDadoda
12/10/2020 9:31:49 AM



#60
Dibromochloromethane
Concen: 19.423 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.8	38.4	115.2





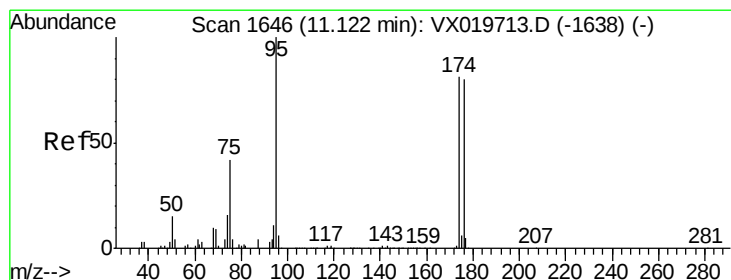
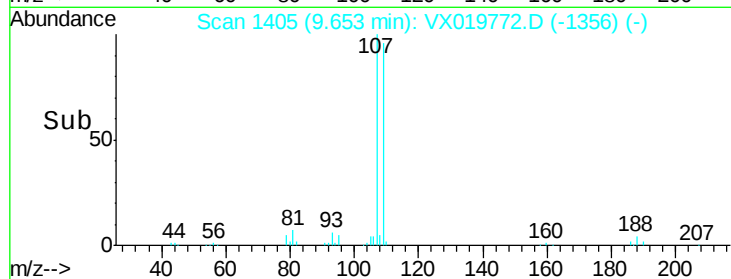
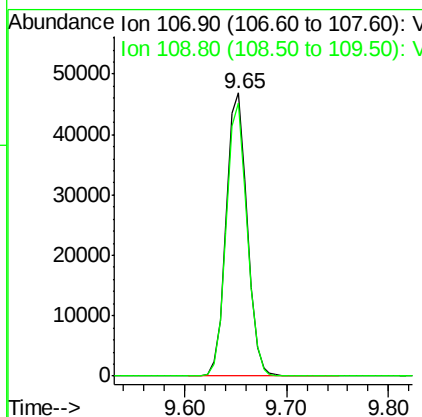
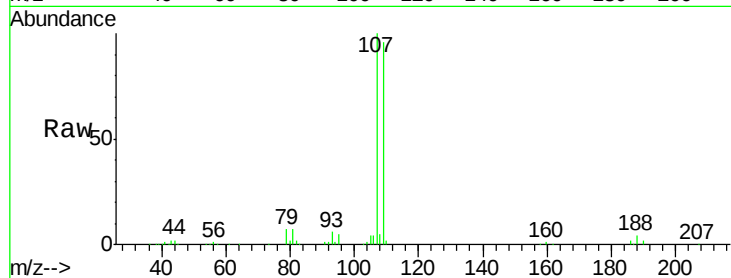
#61
 1,2-Dibromoethane
 Concen: 19.457 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX019772.D
 Acq: 09 Dec 2020 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.5	75.8	113.6

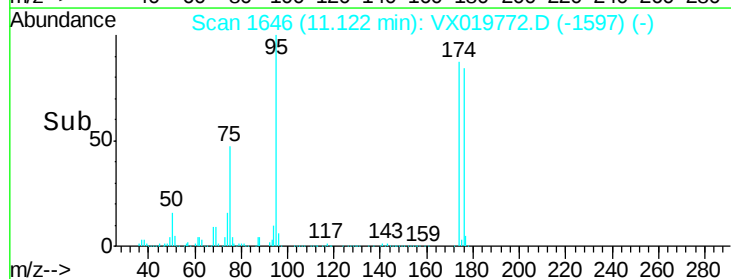
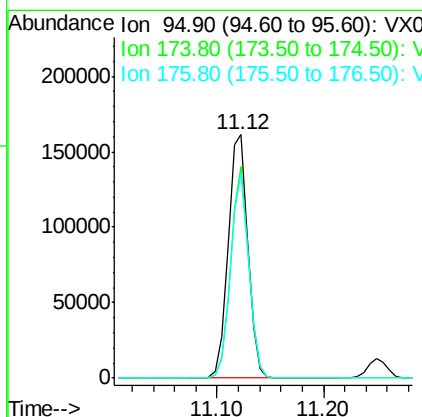
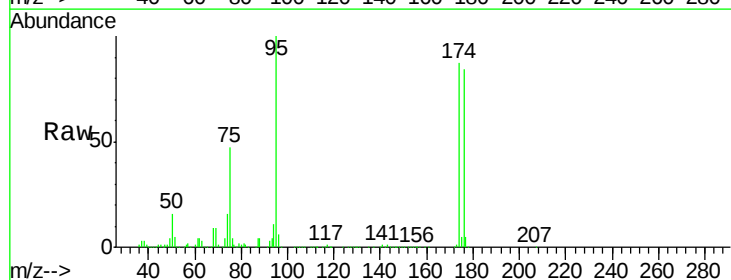
Manual Integrations
 APPROVED

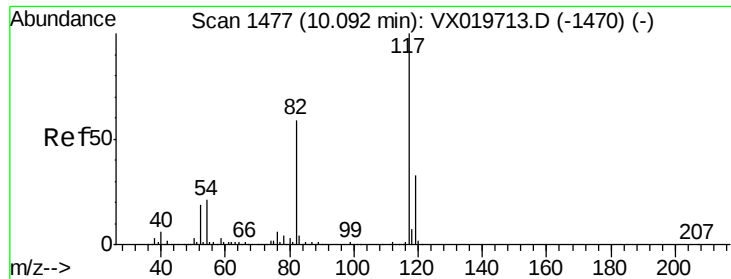
MMDadoda
 12/10/2020 9:31:49 AM



#62
 4-Bromofluorobenzene
 Concen: 48.083 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX019772.D
 Acq: 09 Dec 2020 12:41

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.8	0.0	154.6
176	78.0	0.0	155.8





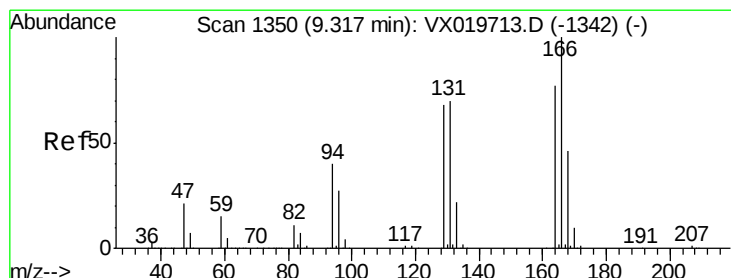
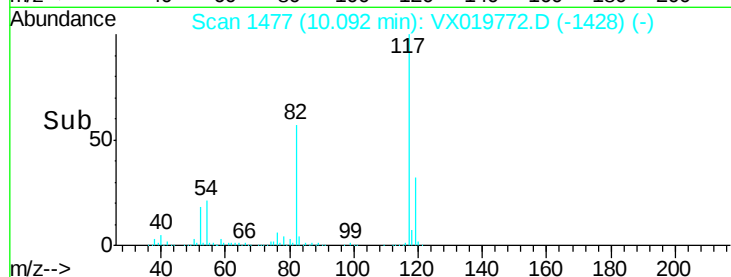
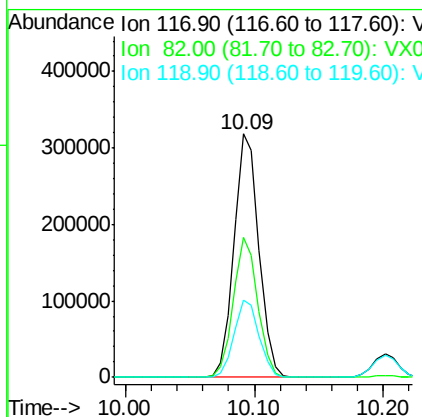
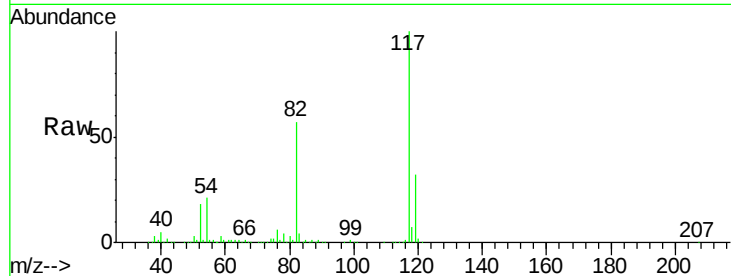
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	428236		
82	57.3		47.4	71.2
119	31.7		26.6	39.8

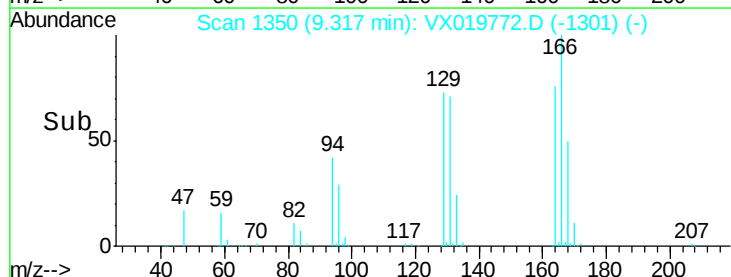
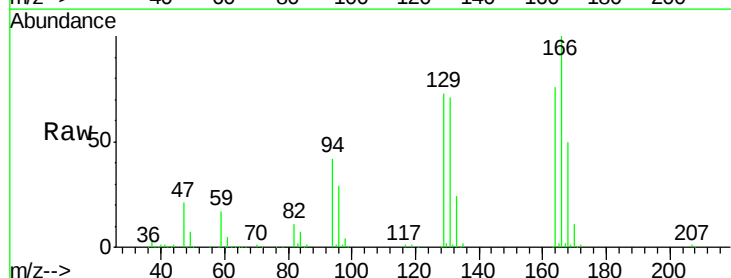
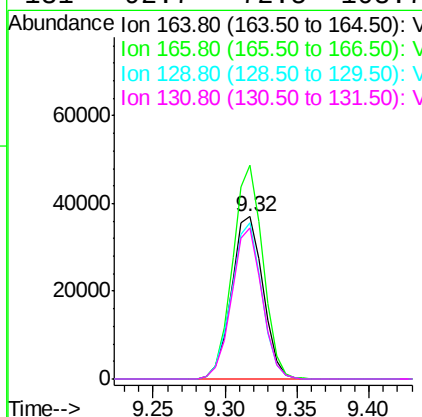
Manual Integrations
APPROVED

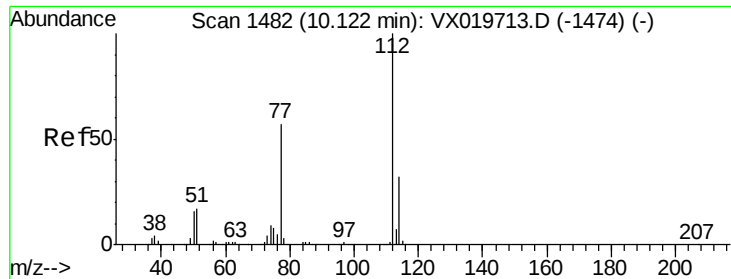
MMDadoda
12/10/2020 9:31:49 AM



#64
Tetrachloroethene
Concen: 19.685 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	56532		
166	131.5		103.4	155.2
129	96.3		70.8	106.2
131	92.7		72.5	108.7





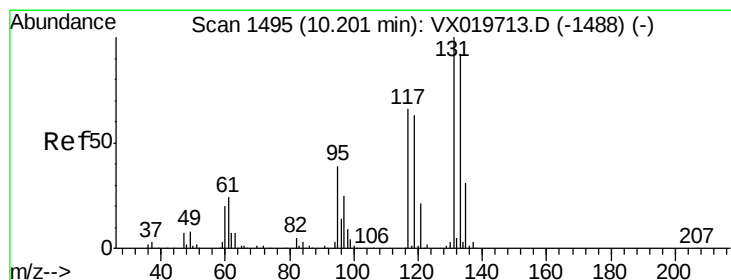
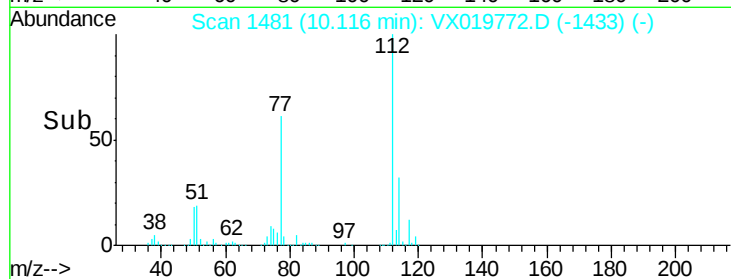
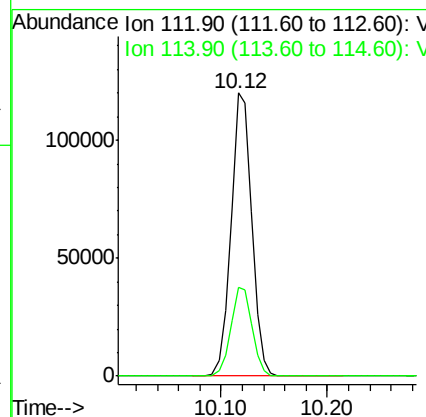
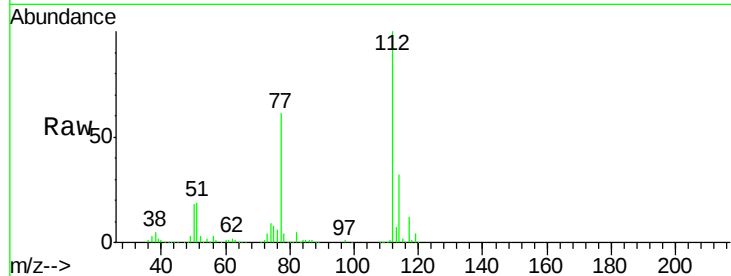
#65
Chlorobenzene
Concen: 19.240 ug/l
RT: 10.12 min Scan# 1481
Delta R.T. -0.01 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.8	38.6

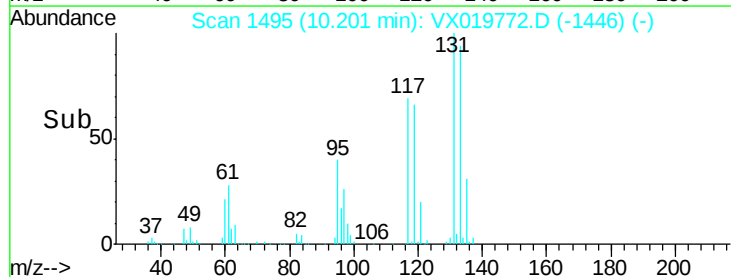
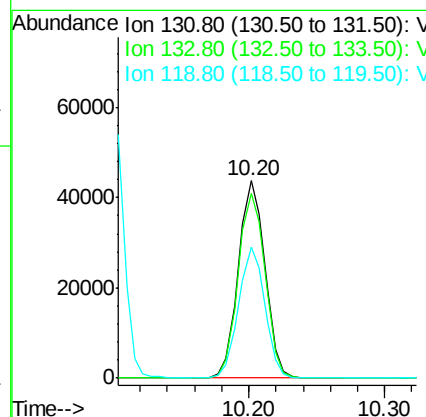
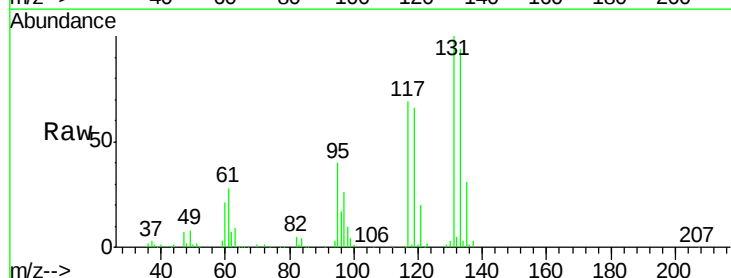
Manual Integrations
APPROVED

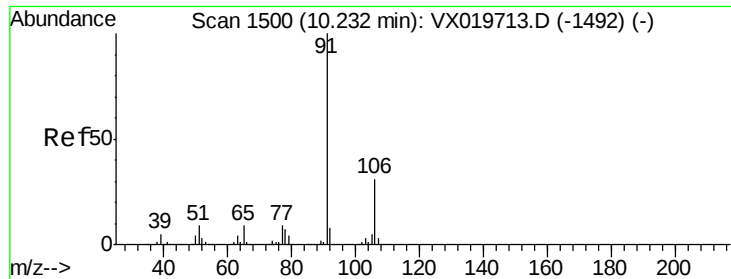
MMDadoda
12/10/2020 9:31:49 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.423 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.4	47.7	143.1
119	65.8	32.1	96.5





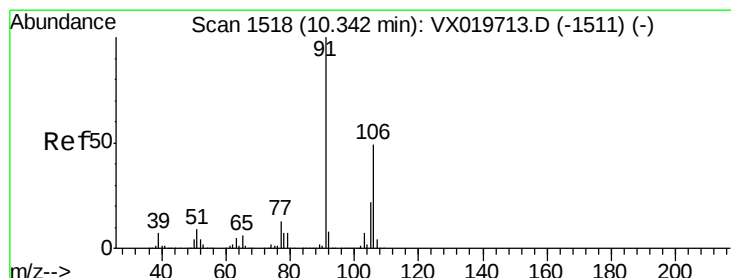
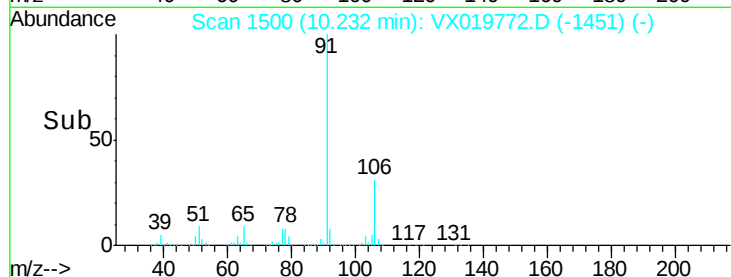
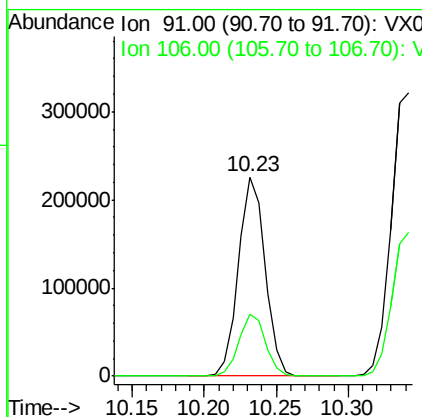
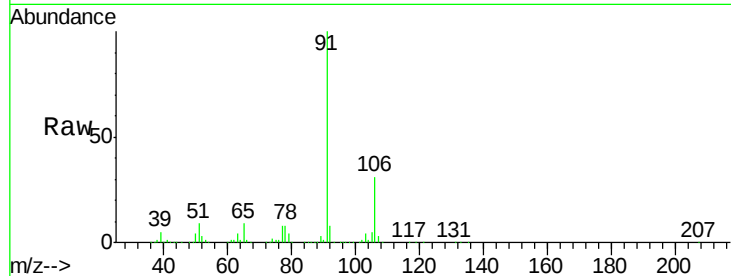
#67
Ethyl Benzene
Concen: 19.223 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.6	37.0

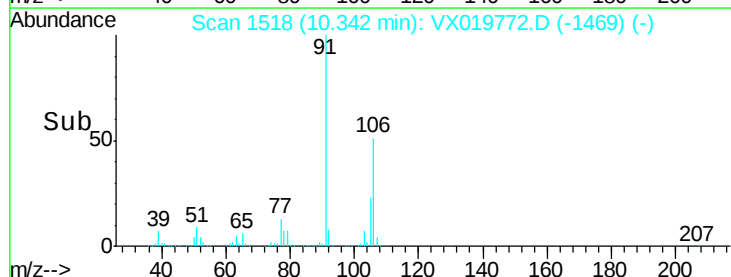
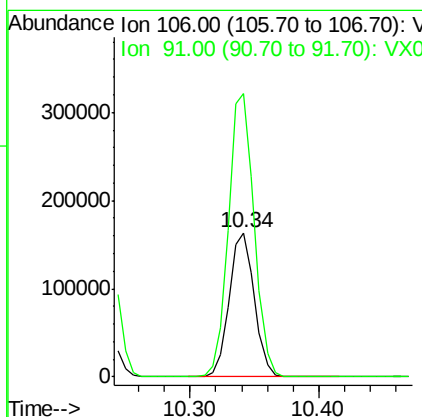
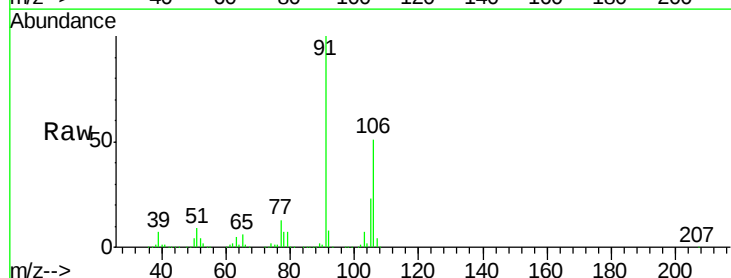
Manual Integrations
APPROVED

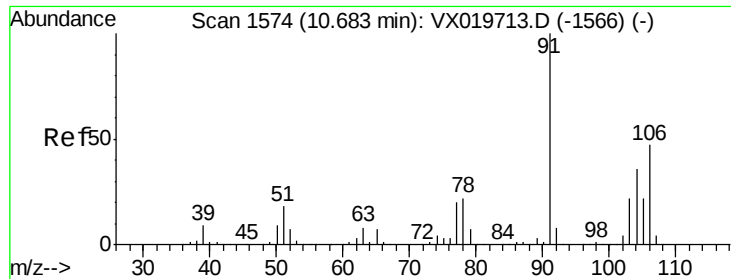
MMDadoda
12/10/2020 9:31:49 AM



#68
m/p-Xylenes
Concen: 39.030 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion	Ratio	Lower	Upper
106	100		
91	201.3	162.8	244.2





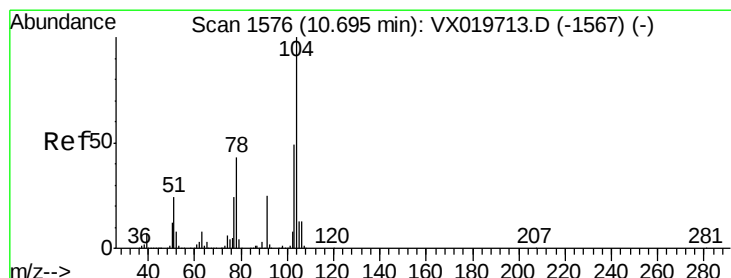
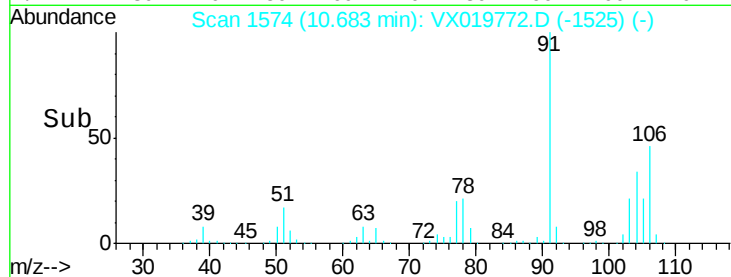
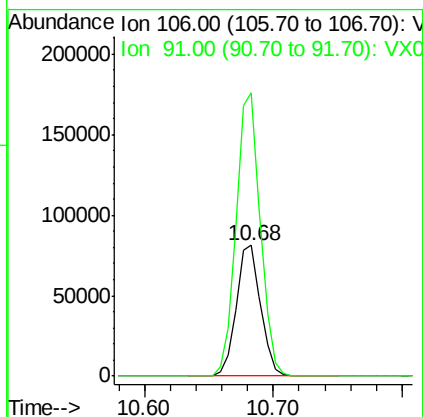
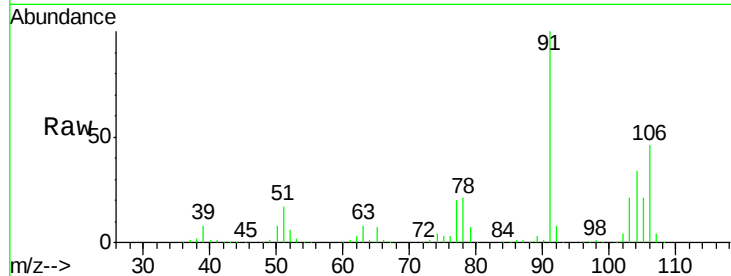
#69
o-Xylene
Concen: 19.295 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	216.6	108.1	324.2		

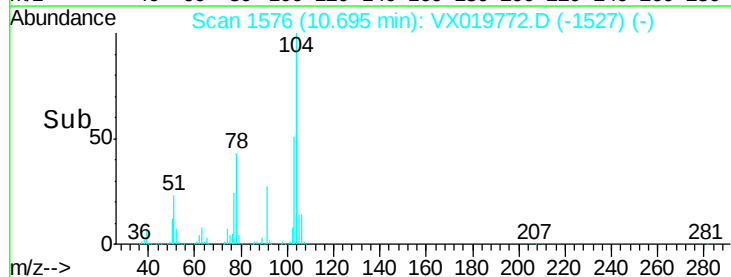
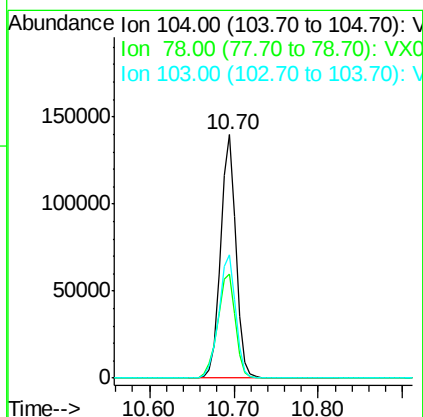
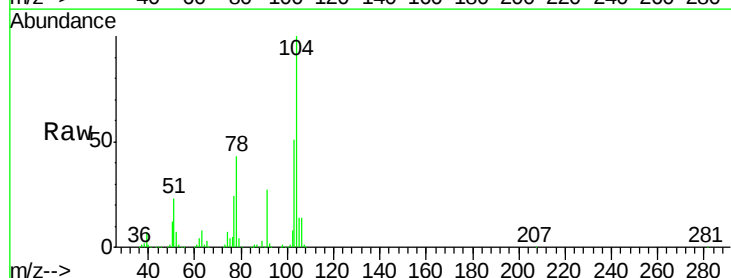
Manual Integrations
APPROVED

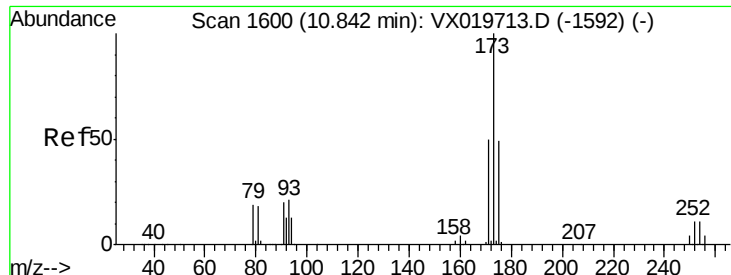
MMDadoda
12/10/2020 9:31:49 AM



#70
Styrene
Concen: 19.079 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	49.6	40.0	60.0		
103	55.8	43.4	65.0		





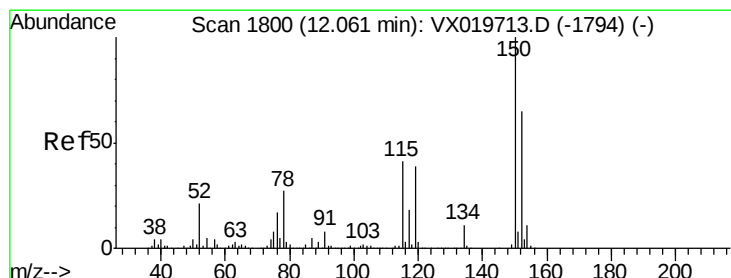
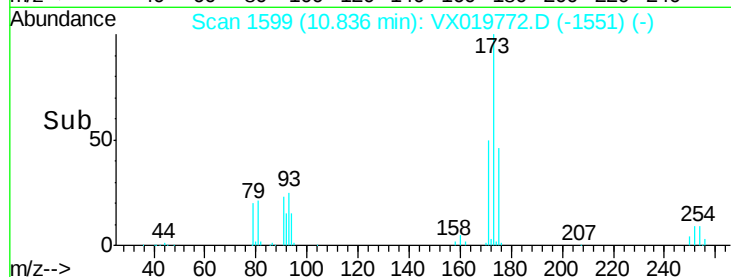
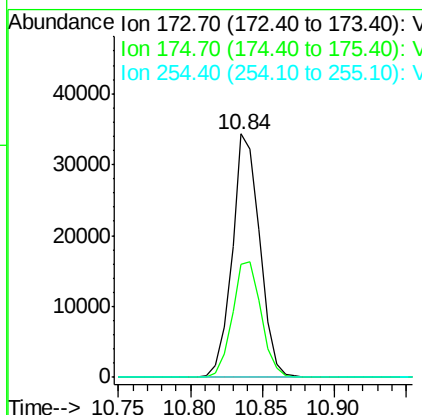
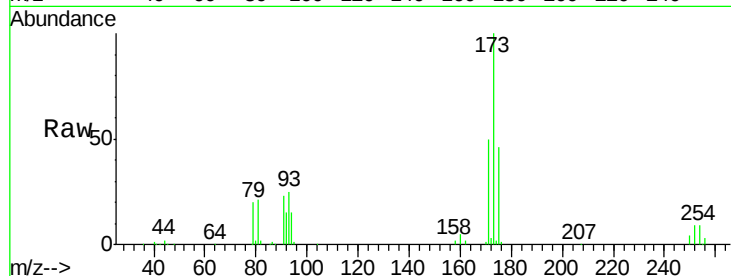
#71
Bromoform
Concen: 19.001 ug/l
RT: 10.84 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	23.9	71.8
254	0.1	0.1	0.1

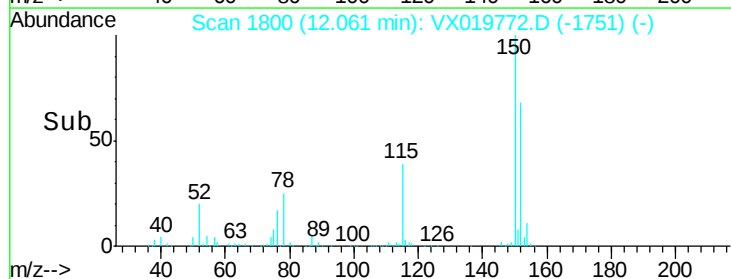
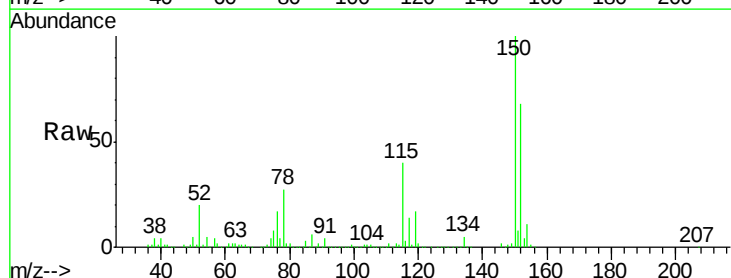
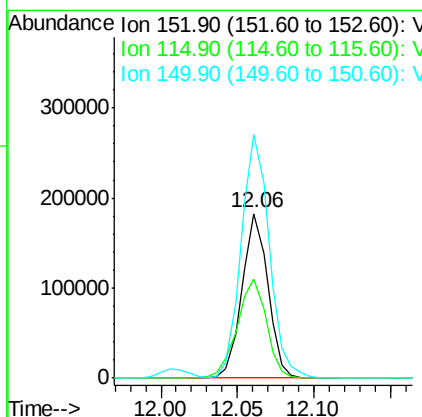
Manual Integrations
APPROVED

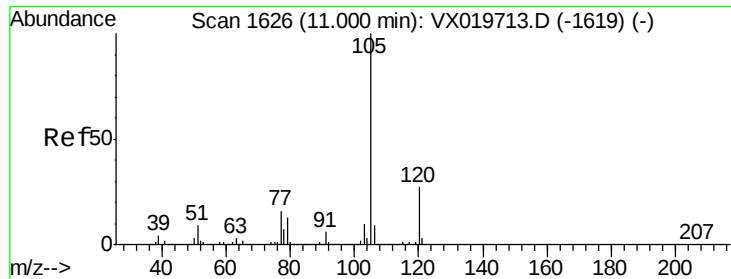
MMDadoda
12/10/2020 9:31:49 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.6	41.1	123.3
150	160.6	0.0	349.0





#73

Isopropylbenzene

Concen: 19.391 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

Tot Ion: 105 Resp: 284029

Ion Ratio Lower Upper

105 100

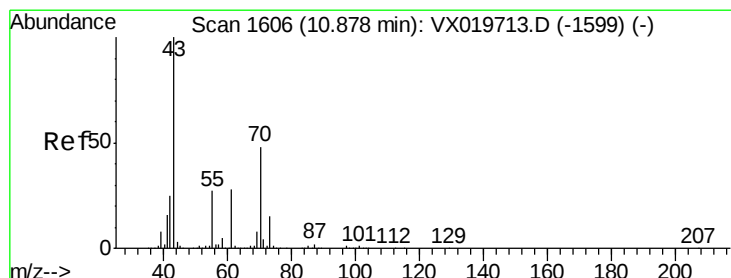
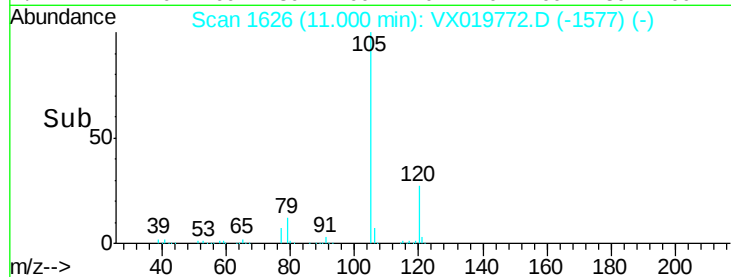
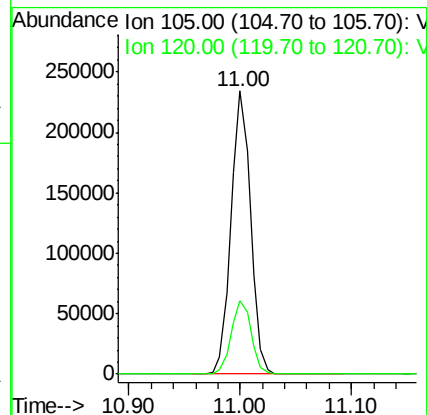
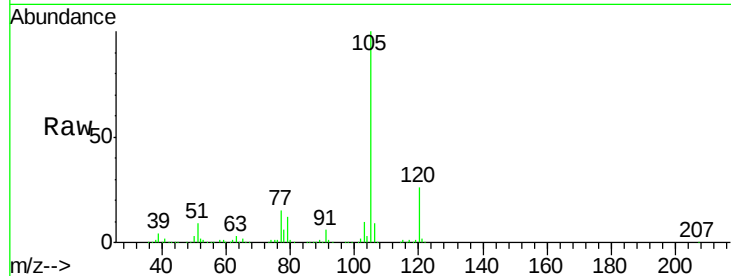
120 26.7 13.2 39.6

Manual Integrations

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12/10/2020 9:31:49 AM



#74

N-ethyl acetate

Concen: 18.402 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Tgt Ion: 43 Resp: 108021

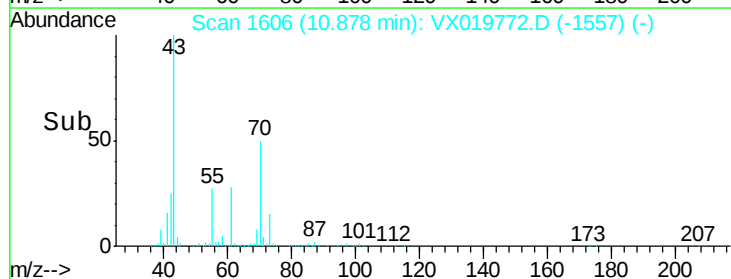
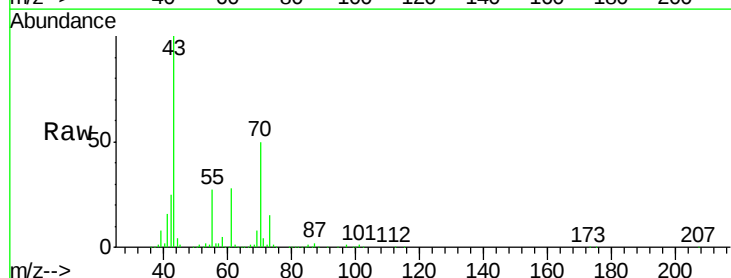
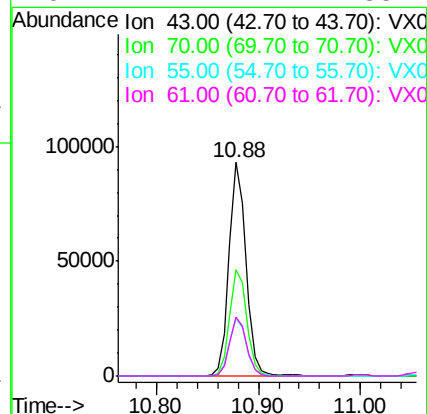
Ion Ratio Lower Upper

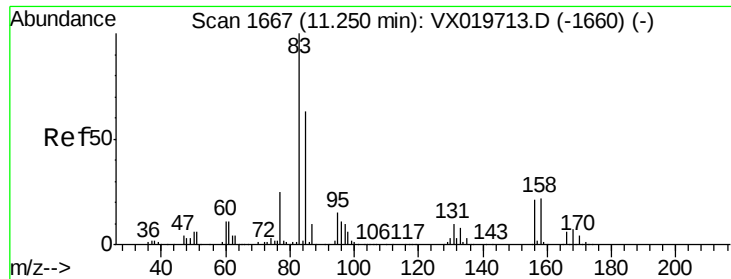
43 100

70 50.4 39.0 58.6

55 27.5 21.5 32.3

61 27.4 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.634 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

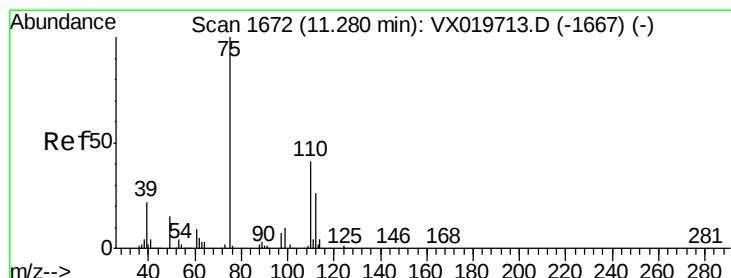
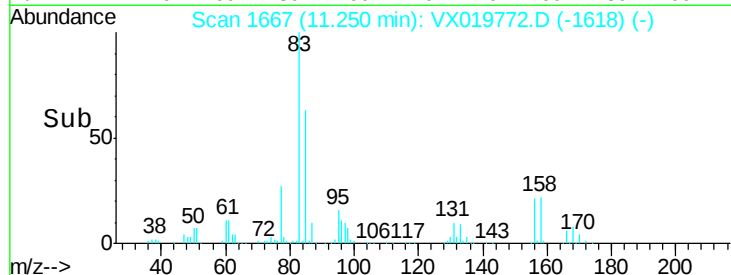
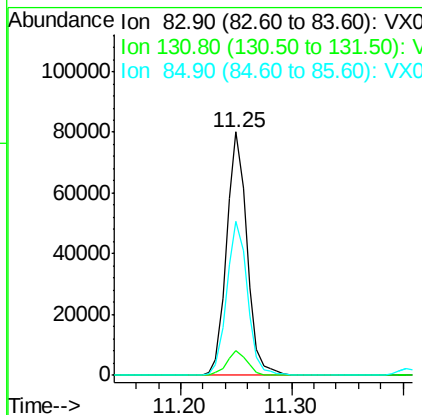
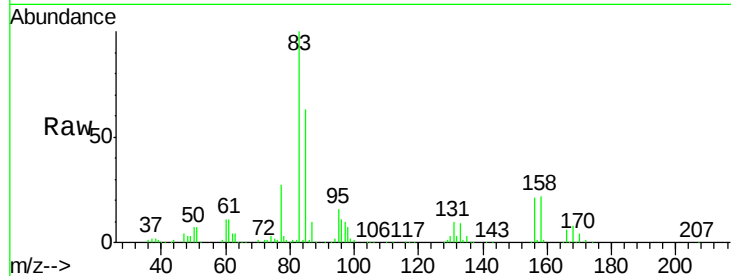
ClientSampleId :

VX1209WBSD01

Tot Ion:	83	Resp:	101394
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.1	15.2
85	64.3	31.8	95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.565 ug/l m

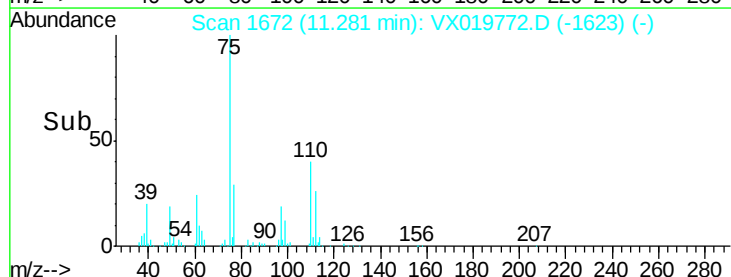
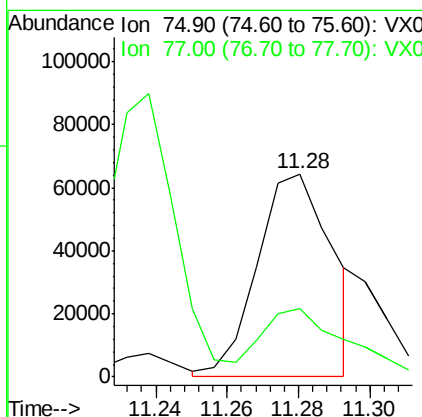
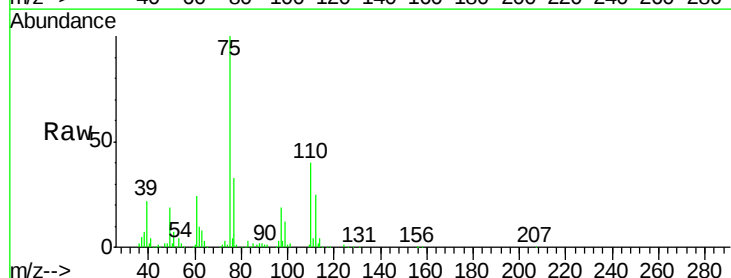
RT: 11.28 min Scan# 1672

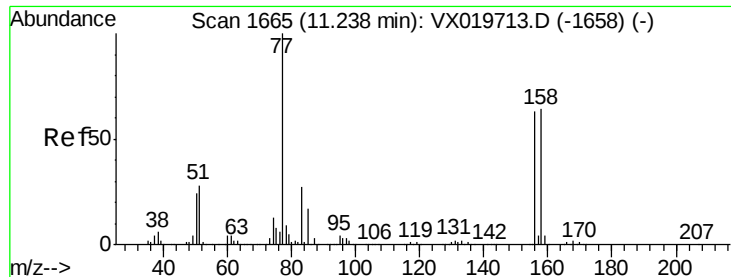
Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Tgt Ion:	75	Resp:	94078
Ion Ratio	Lower	Upper	
75	100		
77	38.2	19.1	57.5





#77

Bromobenzene

Concen: 19.137 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

Tot Ion:156 Resp: 71735

Ion Ratio Lower Upper

156 100

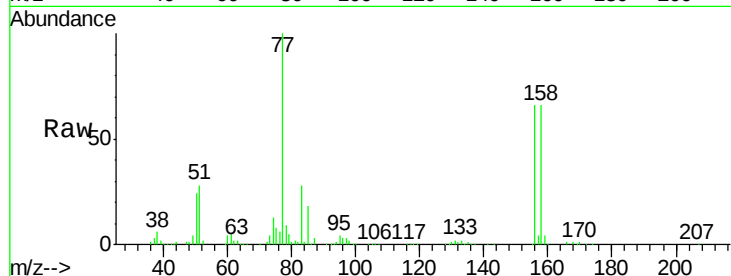
77 165.7 82.8 248.6

158 100.3 49.1 147.4

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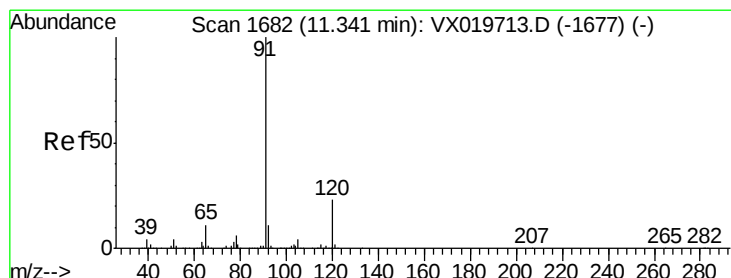
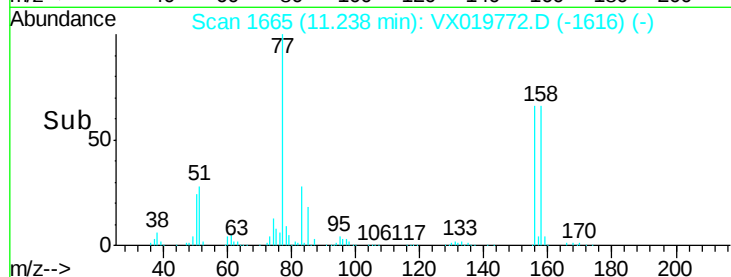
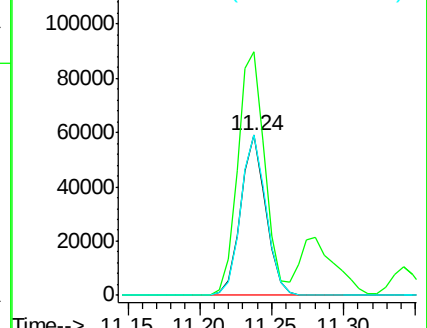
12/10/2020 9:31:49 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.333 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019772.D

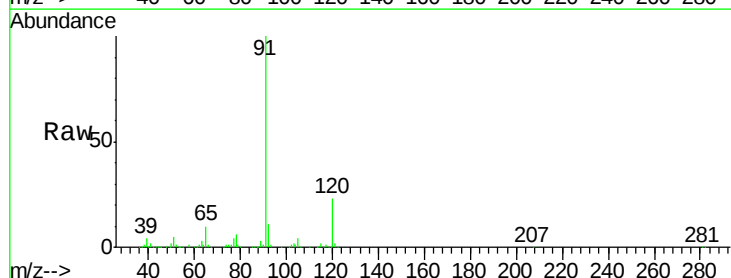
Acq: 09 Dec 2020 12:41

Tgt Ion: 91 Resp: 323433

Ion Ratio Lower Upper

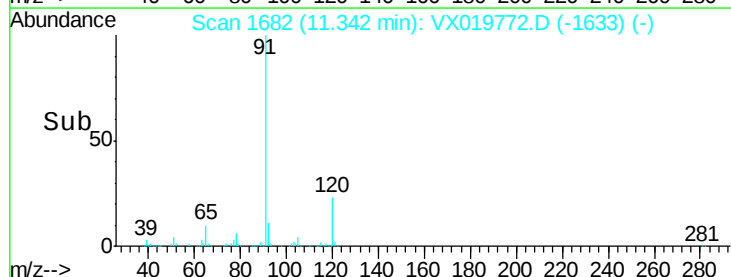
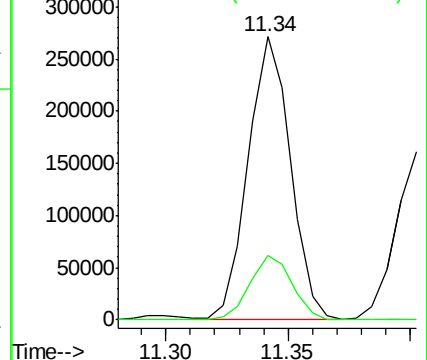
91 100

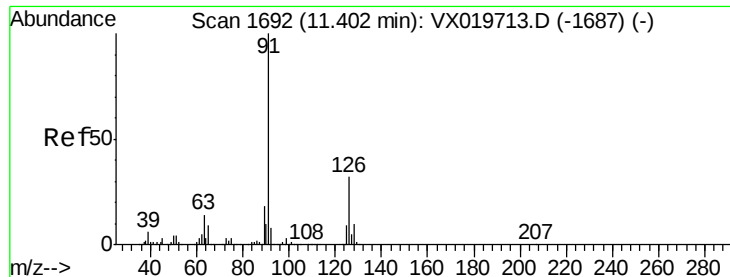
120 22.7 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.288 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019772.D

Acq: 09 Dec 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

Tot Ion: 91 Resp: 198710

Ion Ratio Lower Upper

91 100

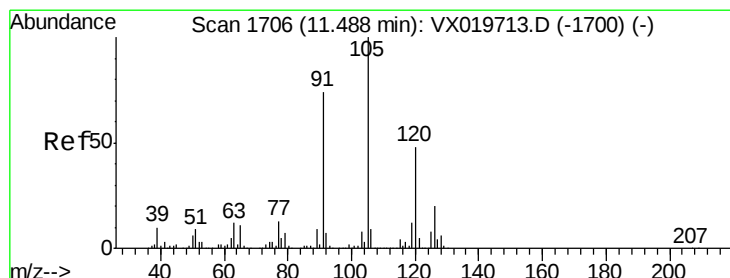
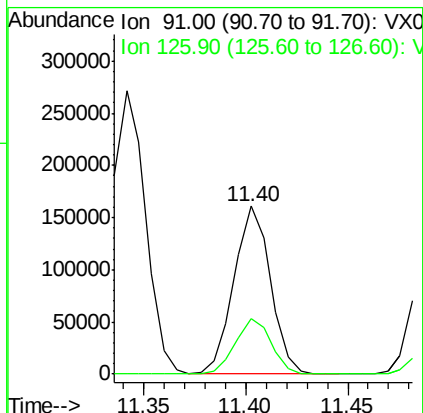
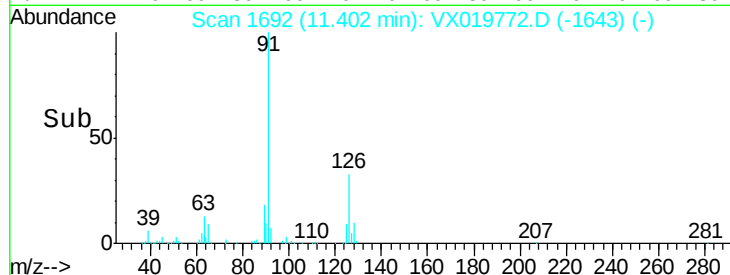
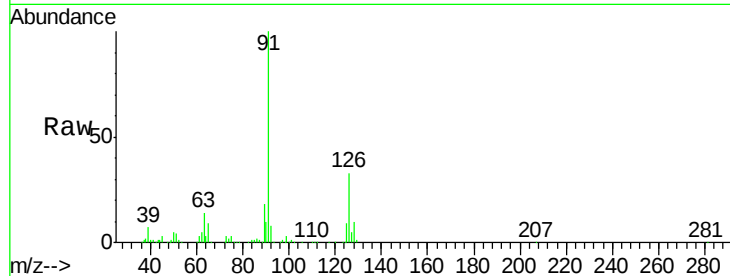
126 32.9 16.6 49.8

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#80

1,3,5-Trimethylbenzene

Concen: 19.345 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019772.D

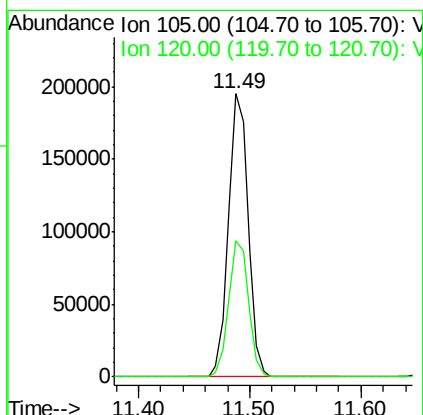
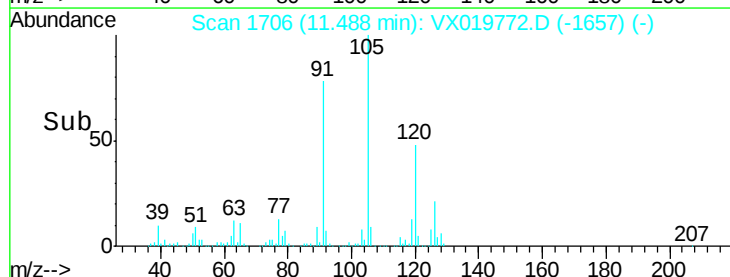
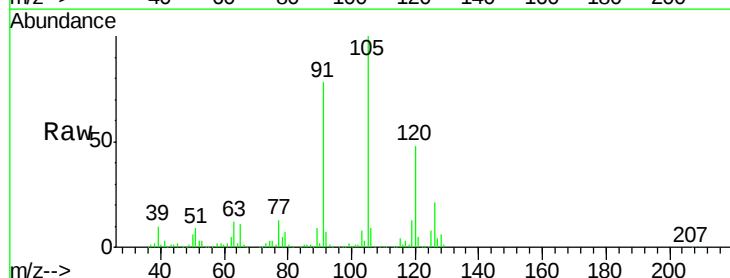
Acq: 09 Dec 2020 12:41

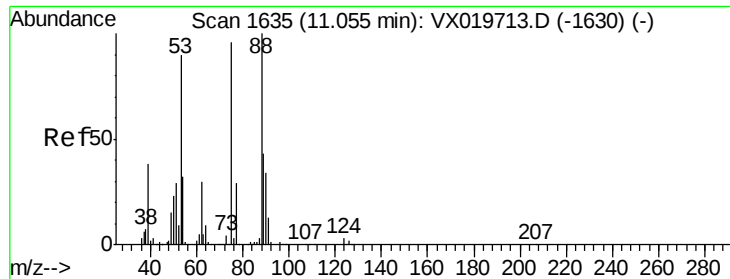
Tgt Ion: 105 Resp: 239151

Ion Ratio Lower Upper

105 100

120 48.5 23.8 71.5





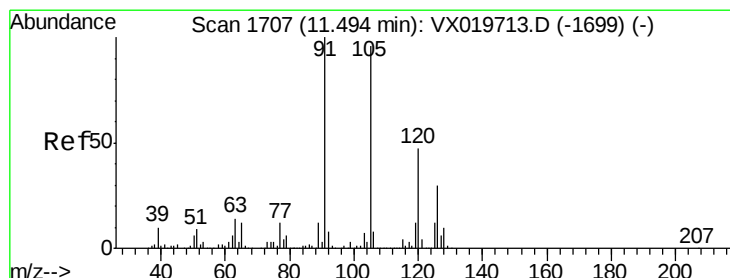
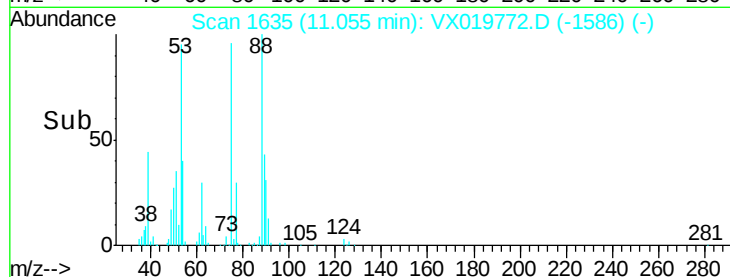
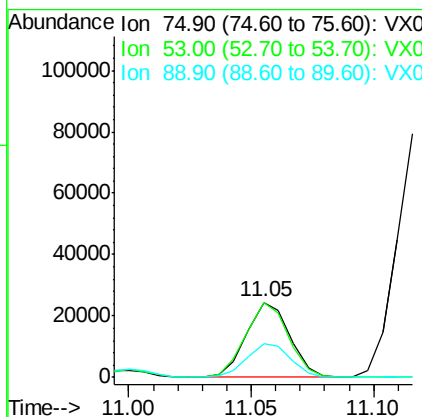
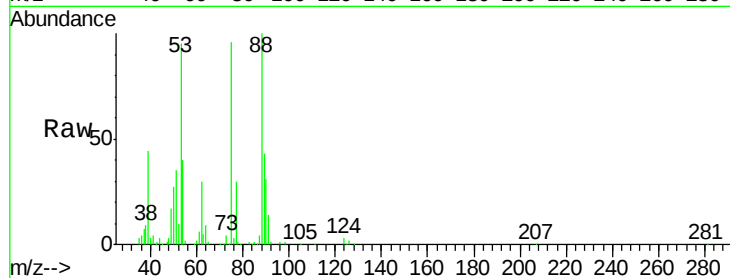
#81
trans-1,4-Dichloro-2-butene
Concen: 18.297 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.8	74.5	111.7
89	45.7	37.9	56.9

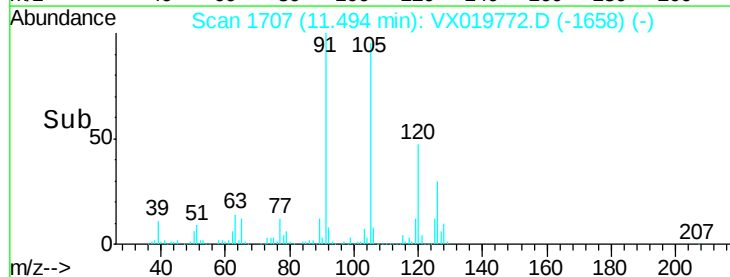
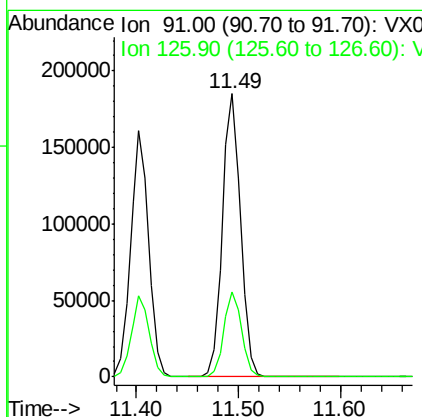
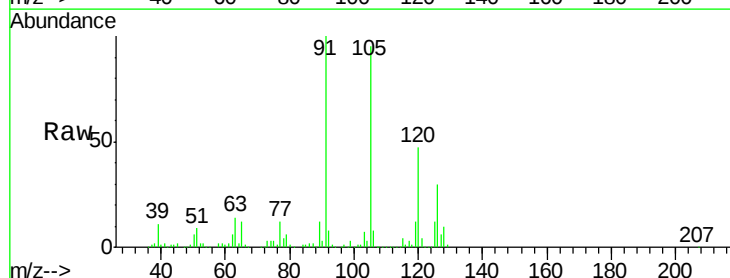
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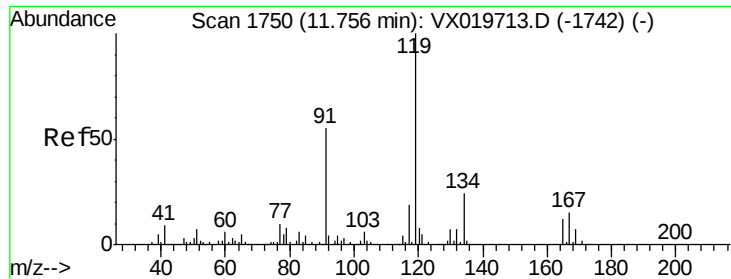
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#82
4-Chlorotoluene
Concen: 19.040 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.3	14.9	44.5





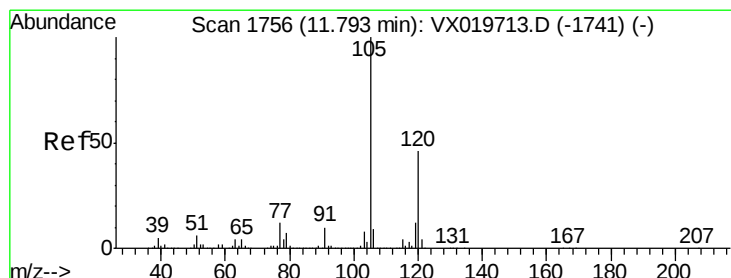
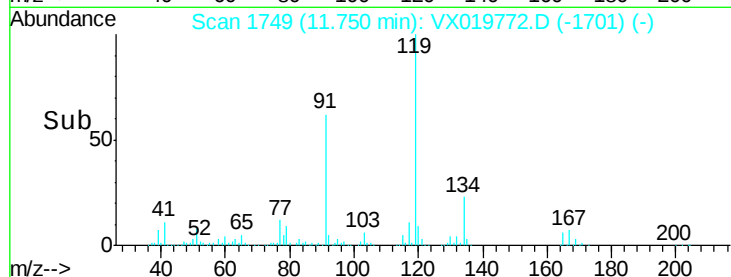
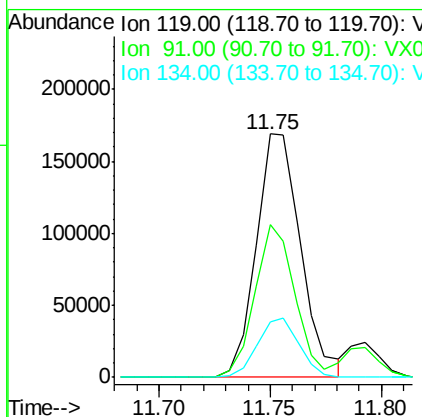
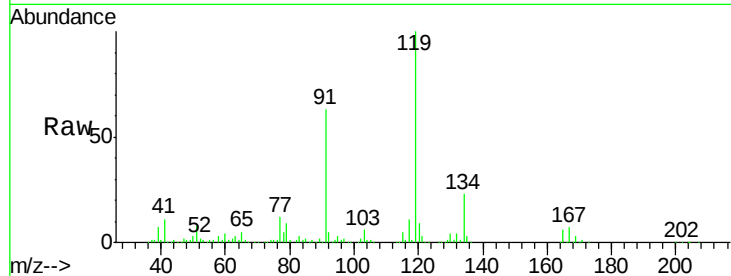
#83
tert-Butylbenzene
Concen: 19.414 ug/l
RT: 11.75 min Scan# 1749
Delta R.T. -0.01 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	235384		
91	56.2	27.9	83.7	
134	22.9	11.3	33.9	

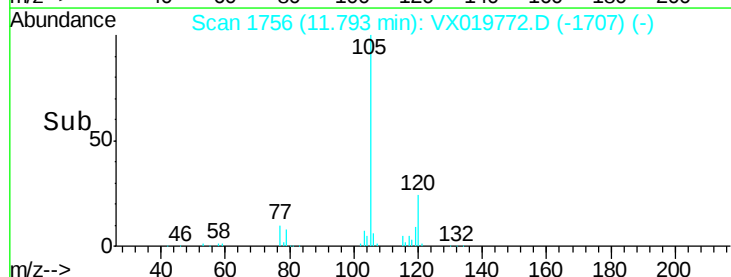
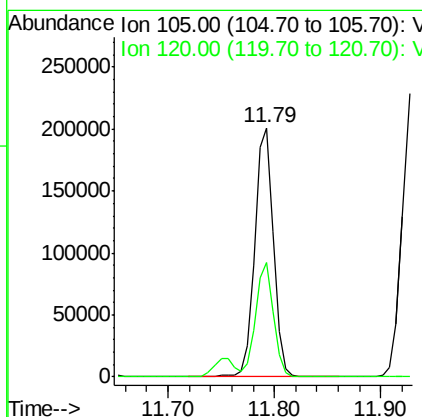
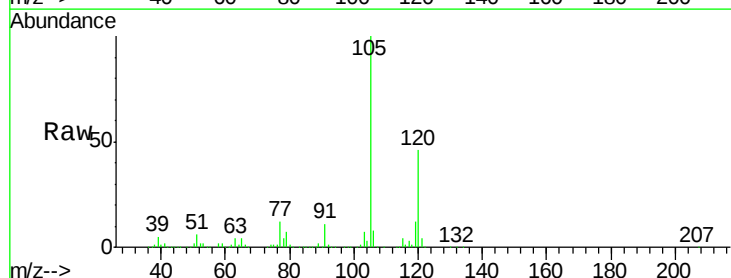
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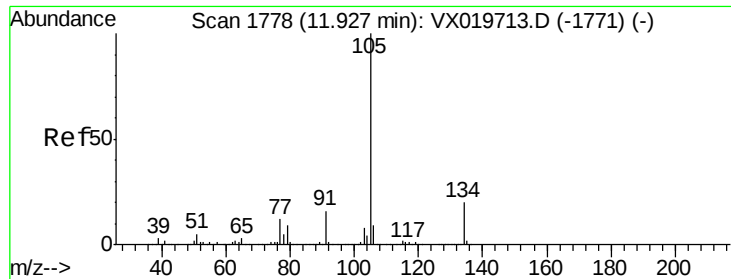
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#84
1,2,4-Trimethylbenzene
Concen: 19.761 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	246072		
120	44.0	22.4	67.3	





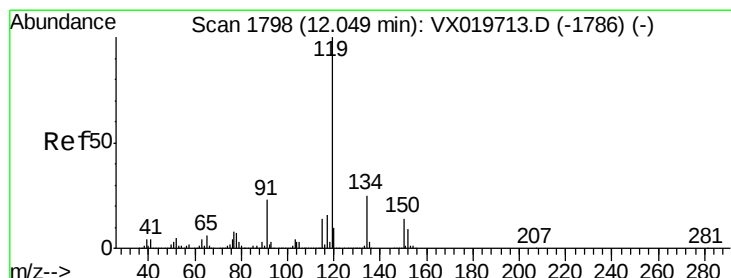
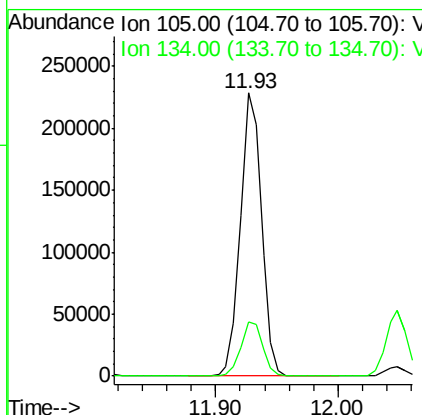
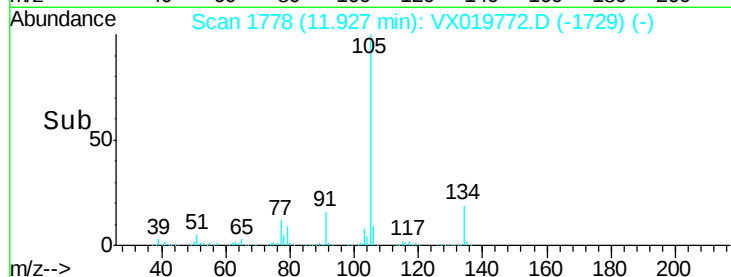
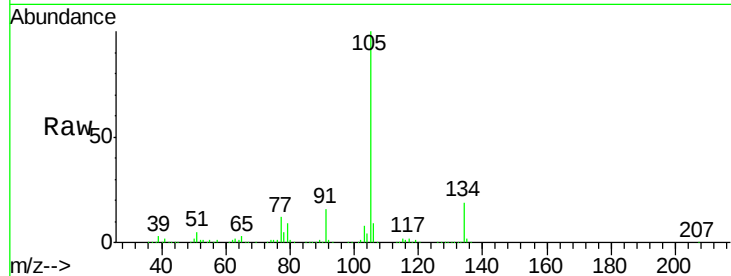
#85
 sec-Butylbenzene
 Concen: 19.659 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019772.D
 Acq: 09 Dec 2020 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	10.0	29.8

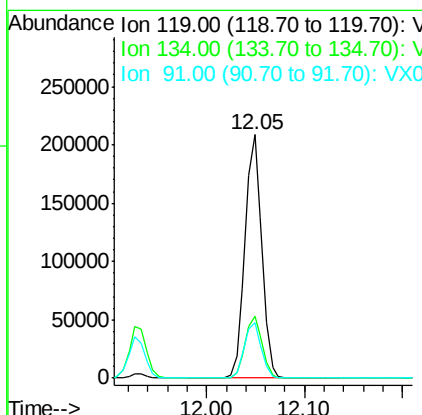
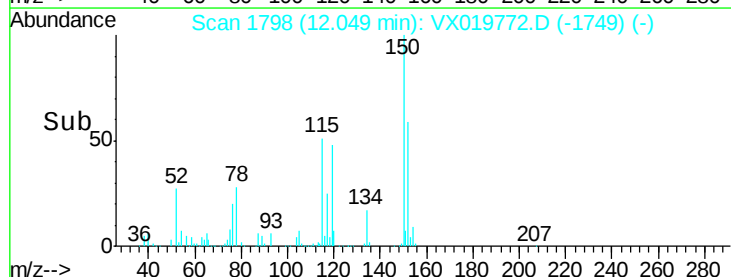
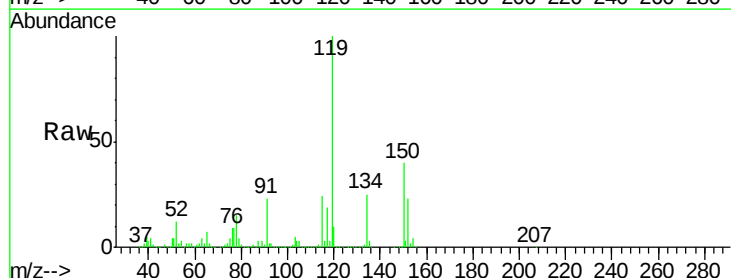
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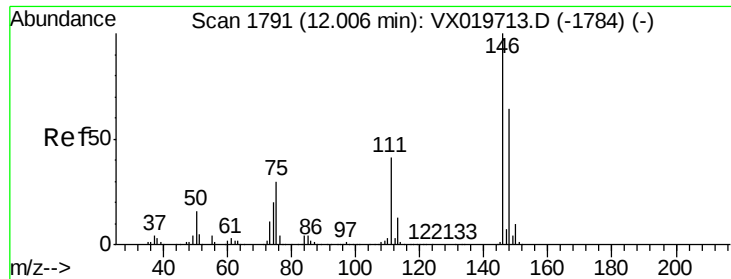
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#86
 p-Isopropyltoluene
 Concen: 19.513 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019772.D
 Acq: 09 Dec 2020 12:41

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.9	38.7
91	23.1	11.7	35.0





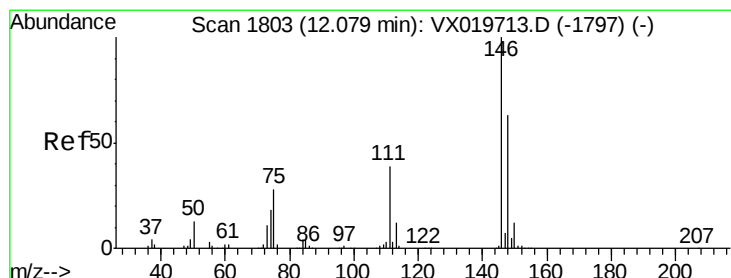
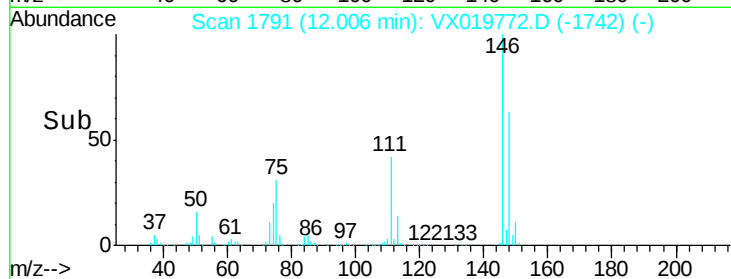
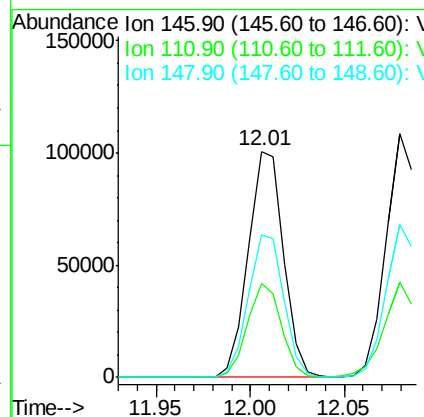
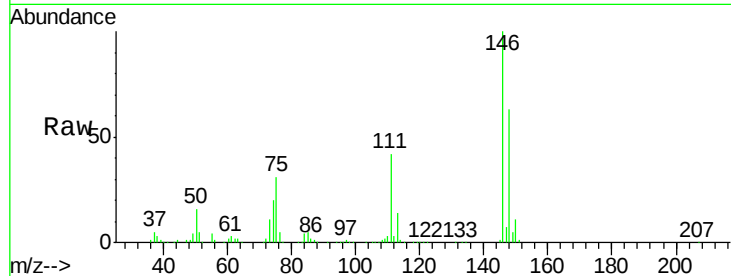
#87
 1,3-Dichlorobenzene
 Concen: 19.024 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019772.D
 Acq: 09 Dec 2020 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	130881		
111	40.0		20.2	60.5
148	63.2		31.9	95.7

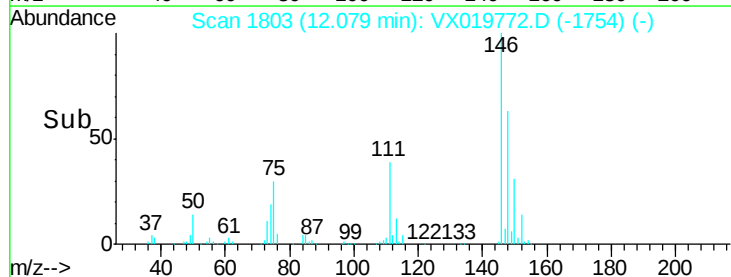
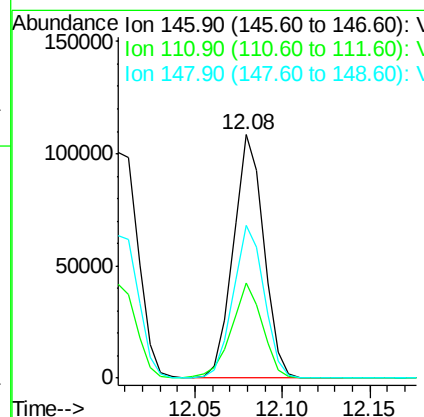
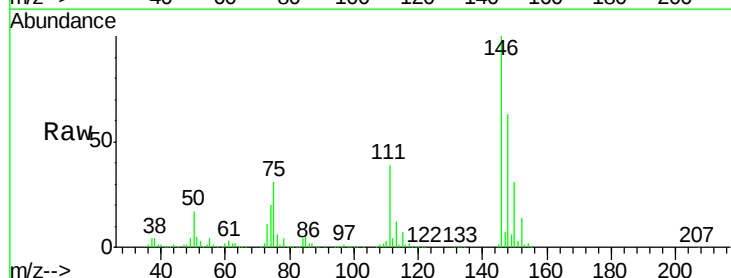
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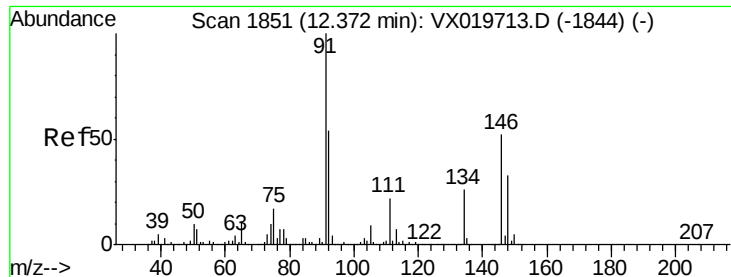
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#88
 1,4-Dichlorobenzene
 Concen: 18.694 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019772.D
 Acq: 09 Dec 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	130993		
111	40.2		19.6	58.8
148	64.2		31.6	95.0





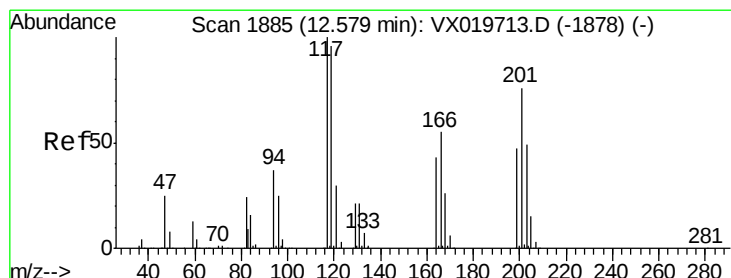
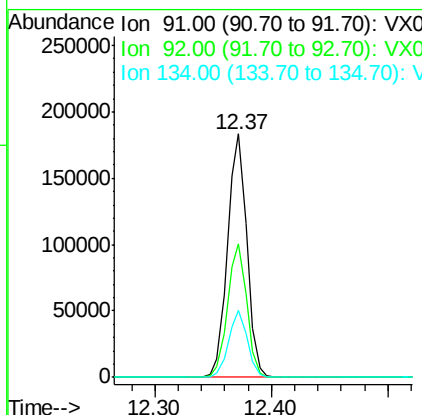
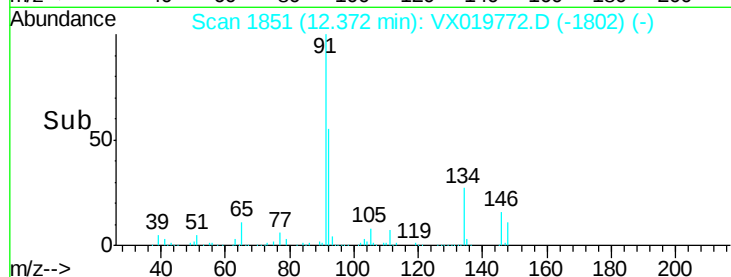
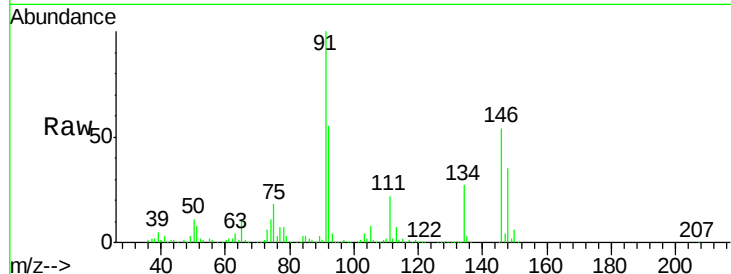
#89
n-Butylbenzene
Concen: 18.717 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.4	82.0
134	26.5	13.2	39.5

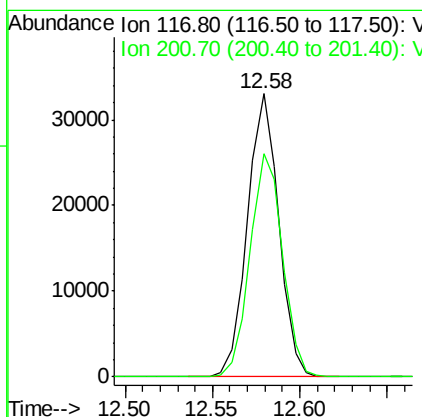
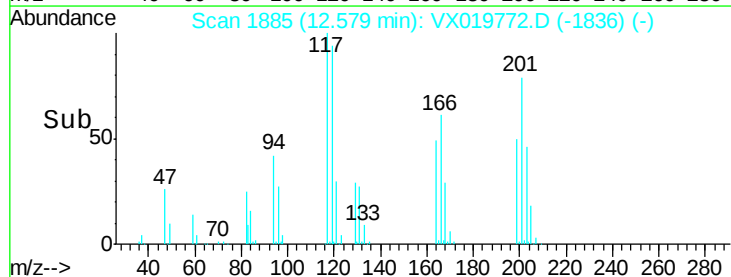
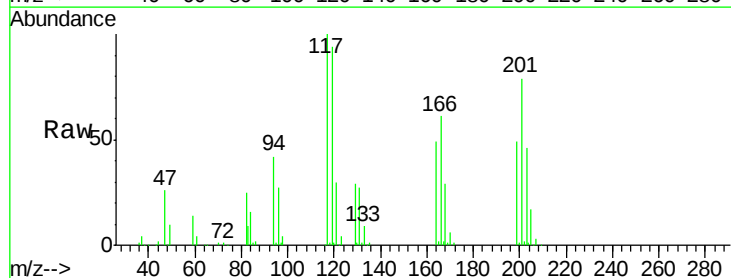
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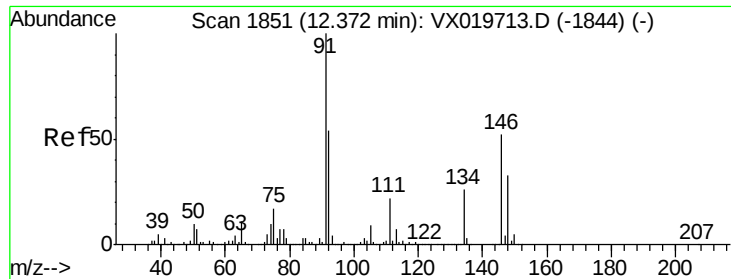
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#90
Hexachloroethane
Concen: 18.764 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.7	40.4	121.2





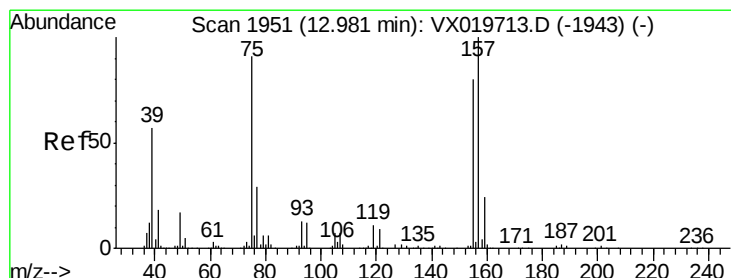
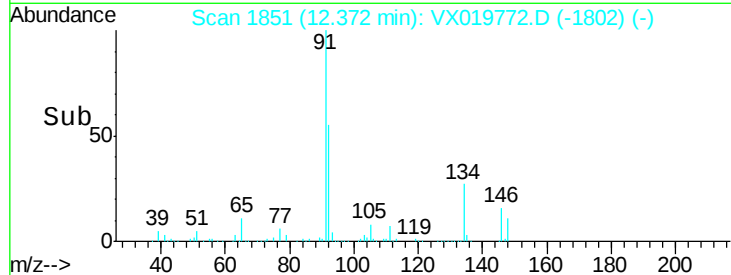
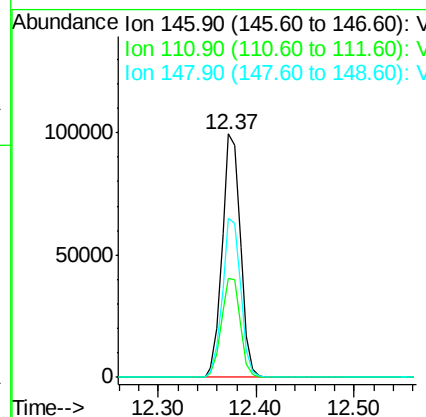
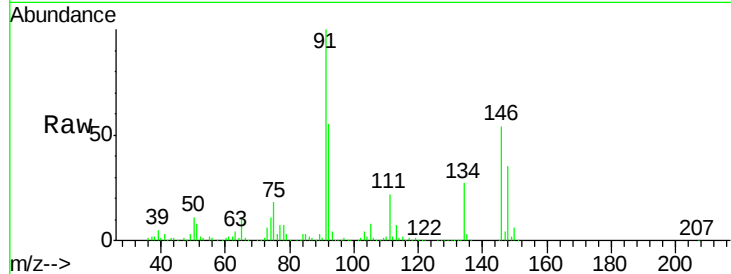
#91
 1,2-Dichlorobenzene
 Concen: 19.234 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX019772.D
 Acq: 09 Dec 2020 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.8	62.2
148	65.0	31.9	95.5

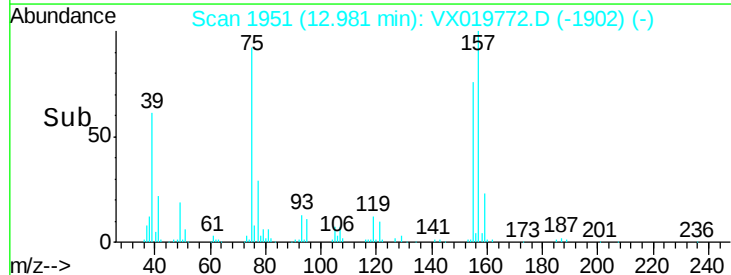
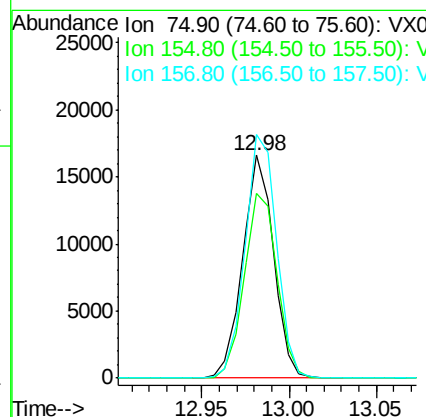
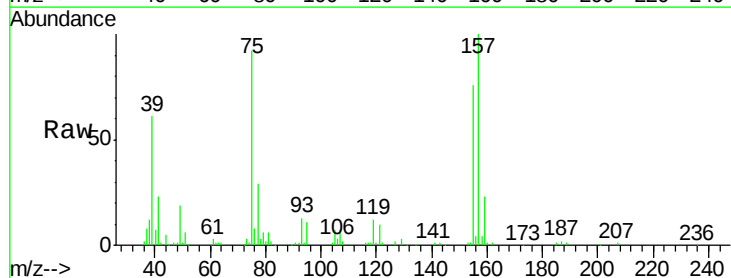
Manual Integrations
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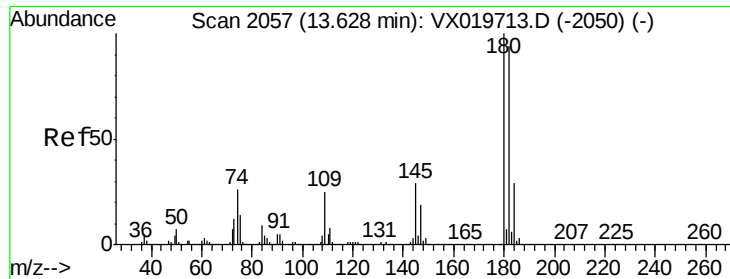
MMDadoda
 12/10/2020 9:31:49 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.451 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019772.D
 Acq: 09 Dec 2020 12:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.7	45.3	135.9
157	111.4	57.7	173.1





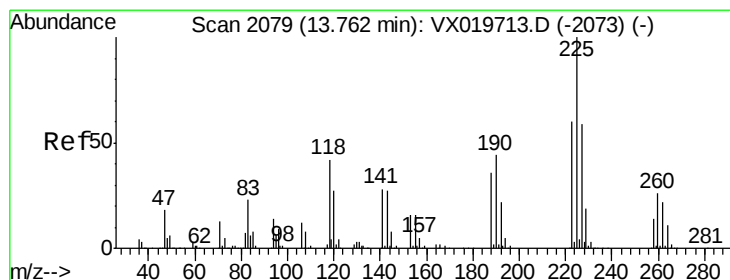
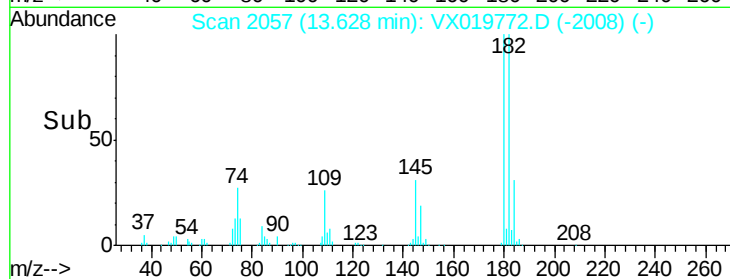
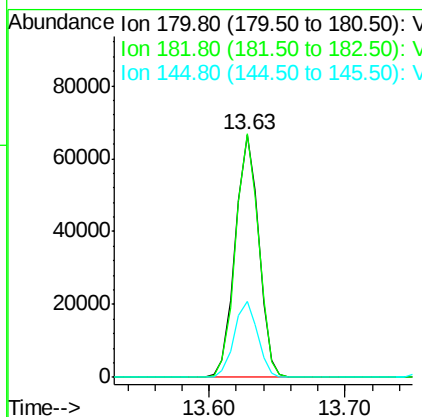
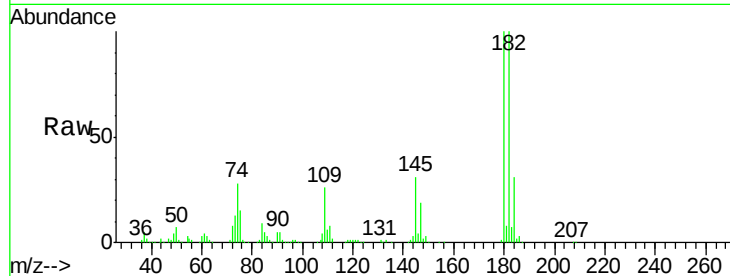
#93
1,2,4-Trichlorobenzene
Concen: 18.387 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	80274		
182	98.6	47.7	143.1	
145	31.2	15.0	45.0	

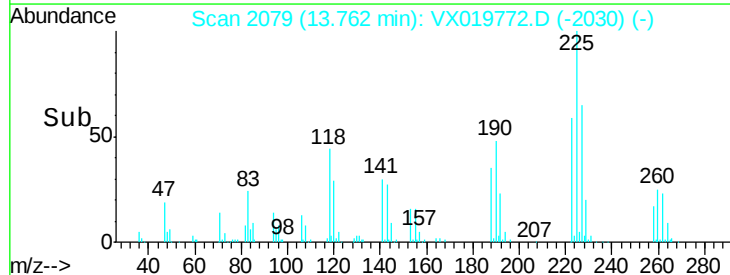
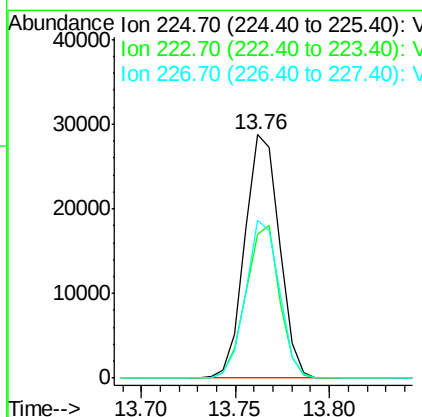
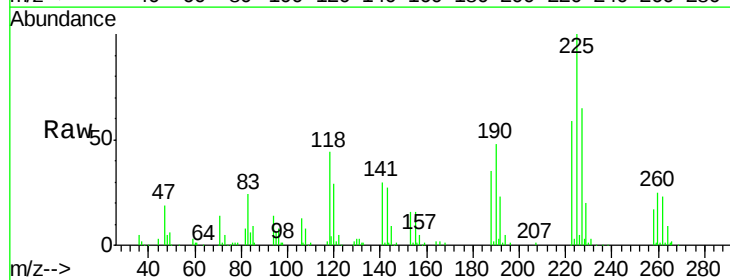
Manual Integrations
APPROVED

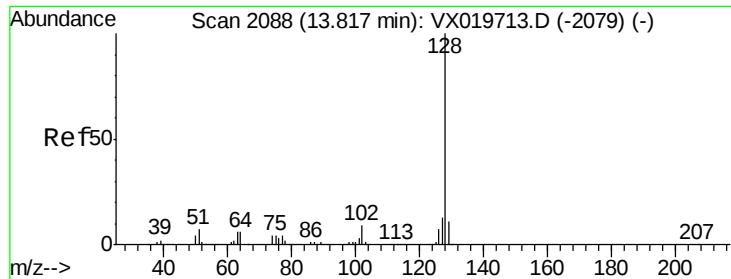
MMDadoda
12/10/2020 9:31:49 AM



#94
Hexachlorobutadiene
Concen: 18.790 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	36664		
223	60.9	31.1	93.2	
227	63.0	31.6	95.0	





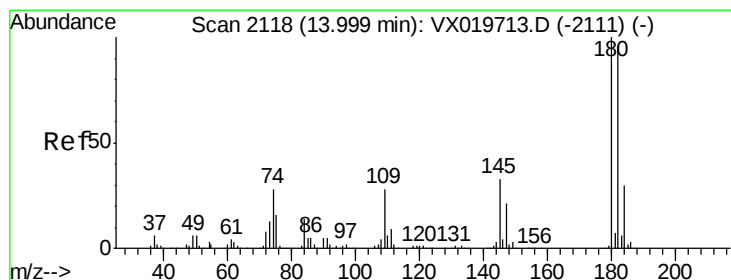
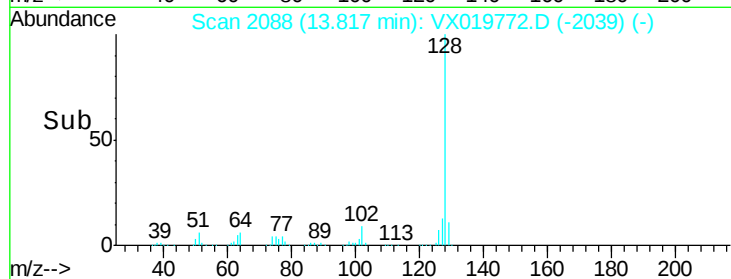
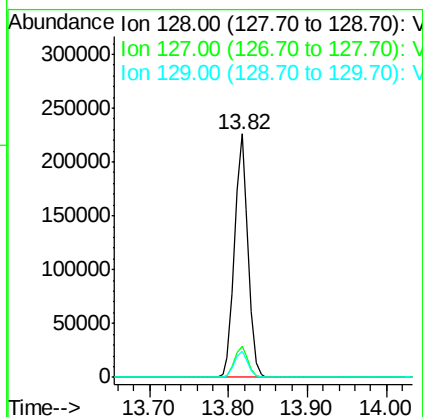
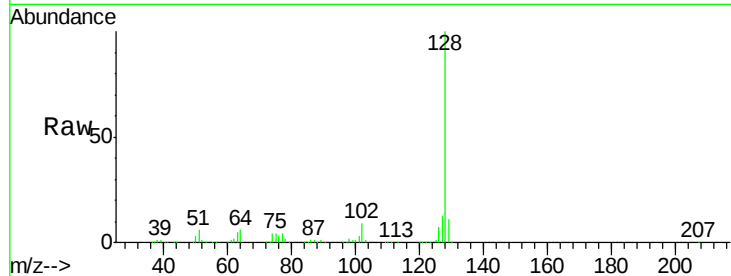
#95
Naphthalene
Concen: 19.019 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
12/10/2020 9:31:49 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.845 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019772.D
Acq: 09 Dec 2020 12:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.6	142.9
145	33.3	16.1	48.3

