

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110620\
 Data File : VX019325.D
 Acq On : 05 Nov 2020 19:25
 Operator : JC/MD
 Sample : L4616-07MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA2O-MMW3414MS

Quant Time: Nov 06 01:10:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	247579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	429790	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	398262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	205036	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	171037	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	
35) Dibromofluoromethane	5.46	113	133996	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
50) Toluene-d8	8.70	98	496018	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
62) 4-Bromofluorobenzene	11.12	95	198378	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	104727	50.740	ug/l	99
3) Chloromethane	1.31	50	125981	54.635	ug/l	99
4) Vinyl Chloride	1.39	62	151800	56.766	ug/l	99
5) Bromomethane	1.62	94	79450	43.504	ug/l	98
6) Chloroethane	1.71	64	98939	57.947	ug/l	97
7) Trichlorofluoromethane	1.92	101	221210	52.654	ug/l	97
8) Diethyl Ether	2.17	74	93145	57.769	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	118383	50.838	ug/l	99
10) Methyl Iodide	2.49	142	120851	44.738	ug/l	100
11) Tert butyl alcohol	3.01	59	211254	334.989	ug/l	100
12) 1,1-Dichloroethene	2.36	96	129879	54.126	ug/l	97
13) Acrolein	2.27	56	99017	348.893	ug/l	98
14) Allyl chloride	2.71	41	205054	56.418	ug/l	98
15) Acrylonitrile	3.11	53	407552	307.544	ug/l	100
16) Acetone	2.42	43	345809	313.950	ug/l	99
17) Carbon Disulfide	2.55	76	339174	49.594	ug/l	100
18) Methyl Acetate	2.75	43	161525	60.305	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	483597	58.165	ug/l	99
20) Methylene Chloride	2.84	84	151863	54.918	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	145288	52.609	ug/l	97
22) Diisopropyl ether	3.82	45	436092	60.185	ug/l	99
23) Vinyl Acetate	3.78	43	1847569	285.934	ug/l	99
24) 1,1-Dichloroethane	3.67	63	260799	57.647	ug/l	99
25) 2-Butanone	4.63	43	545431	314.201	ug/l	99
26) 2,2-Dichloropropane	4.55	77	195729	46.021	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	170195	55.150	ug/l	100
28) Bromochloromethane	4.98	49	113661	55.264	ug/l	94
29) Tetrahydrofuran	5.09	42	353153	322.818	ug/l	97
30) Chloroform	5.18	83	273322	56.760	ug/l	99
31) Cyclohexane	5.55	56	211610	52.431	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	240658	55.123	ug/l	100
36) 1,1-Dichloropropene	5.77	75	201256	50.710	ug/l	99
37) Ethyl Acetate	4.79	43	202444	54.939	ug/l	99
38) Carbon Tetrachloride	5.76	117	200484	49.559	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	224196	47.244	ug/l	98
40) Benzene	6.11	78	605806	53.836	ug/l	99
41) Methacrylonitrile	5.00	41	113349	57.119	ug/l	99
42) 1,2-Dichloroethane	6.16	62	222347	53.614	ug/l	100
43) Isopropyl Acetate	6.41	43	339331	54.996	ug/l	99
44) Trichloroethene	7.19	130	158087	49.054	ug/l	98
45) 1,2-Dichloropropane	7.49	63	153563	55.716	ug/l	99
46) Dibromomethane	7.63	93	107056	52.527	ug/l	98
47) Bromodichloromethane	7.87	83	216029	53.776	ug/l	99
48) Methyl methacrylate	7.74	41	171958	57.903	ug/l	98
49) 1,4-Dioxane	7.71	88	86929	1316.235	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1071178	302.057	ug/l	99
52) Toluene	8.76	92	428913	59.181	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	238587	51.998	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	251182	52.059	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	156393	54.615	ug/l	99
56) Ethyl methacrylate	9.16	69	247403	57.199	ug/l	98
57) 1,3-Dichloropropane	9.35	76	263284	54.533	ug/l	100
59) 2-Hexanone	9.47	43	825366	305.752	ug/l	99
60) Dibromochloromethane	9.57	129	164970	53.084	ug/l	100
61) 1,2-Dibromoethane	9.65	107	165917	54.183	ug/l	98
64) Tetrachloroethene	9.32	164	131690	43.400	ug/l	96
65) Chlorobenzene	10.12	112	401449	49.317	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	146875	50.120	ug/l	98
67) Ethyl Benzene	10.23	91	767054	52.882	ug/l	100
68) m/p-Xylenes	10.34	106	604216	110.988	ug/l	97
69) o-Xylene	10.68	106	291111	56.378	ug/l	99
70) Styrene	10.70	104	462012	52.440	ug/l	99
71) Bromoform	10.84	173	118931	51.187	ug/l #	100
73) Isopropylbenzene	11.00	105	707641	48.757	ug/l	99
74) N-amyl acetate	10.88	43	297688	56.098	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	254436	56.095	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	291302	68.808	ug/l	86
77) Bromobenzene	11.24	156	174028	48.313	ug/l	92
78) n-propylbenzene	11.34	91	844889	50.996	ug/l	99
79) 2-Chlorotoluene	11.40	91	504583	51.731	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	656836	53.571	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	79339	49.344	ug/l	98
82) 4-Chlorotoluene	11.49	91	592941	49.781	ug/l	98
83) tert-Butylbenzene	11.76	119	589255	50.193	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	846757	68.408	ug/l	99
85) sec-Butylbenzene	11.93	105	708851	50.343	ug/l	99
86) p-Isopropyltoluene	12.05	119	649472	49.974	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	320522	47.782	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	325954	46.680	ug/l	99
89) n-Butylbenzene	12.37	91	637905	52.219	ug/l	97
90) Hexachloroethane	12.58	117	116208	52.607	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	311601	48.376	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	57620	51.892	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	204053	42.175	ug/l	93

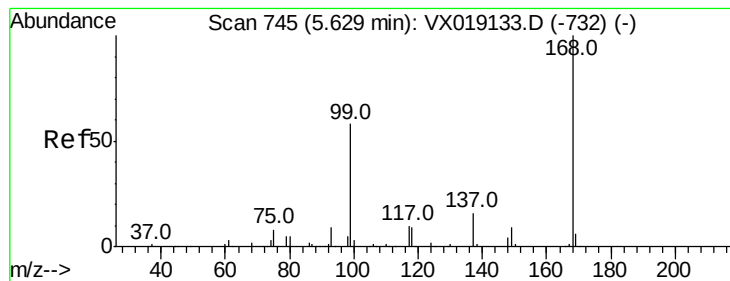
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	83603	39.254	ug/l	97
95) Naphthalene	13.82	128	819894	53.805	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	200942	42.812	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

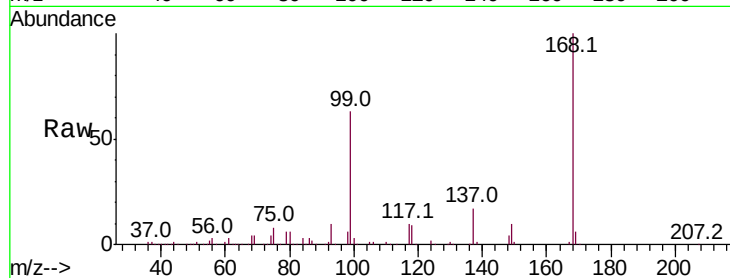
FA2O-MMW3414MS

Tot Ion:168 Resp: 247579

Ion Ratio Lower Upper

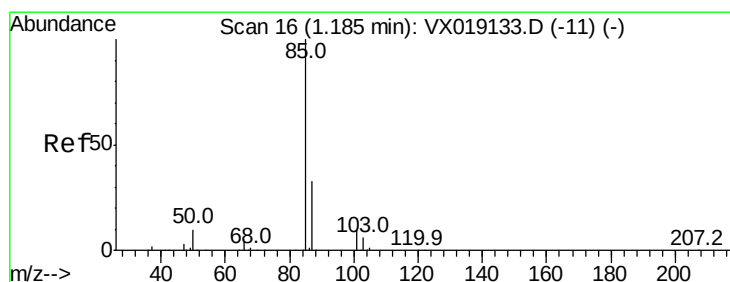
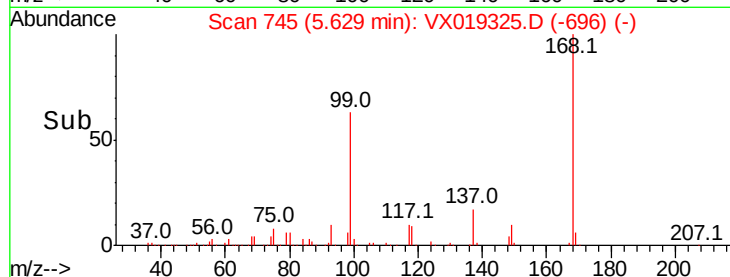
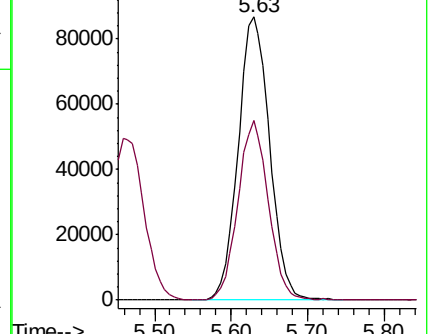
168 100

99 63.1 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.740 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019325.D

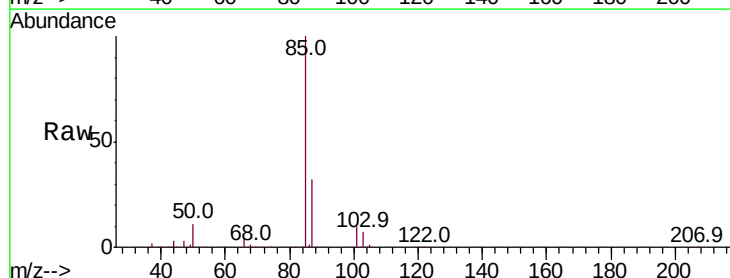
Acq: 05 Nov 2020 19:25

Tgt Ion: 85 Resp: 104727

Ion Ratio Lower Upper

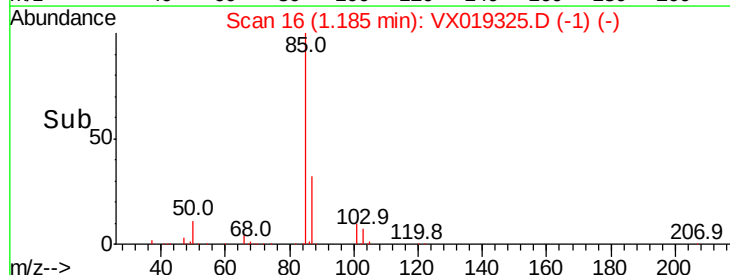
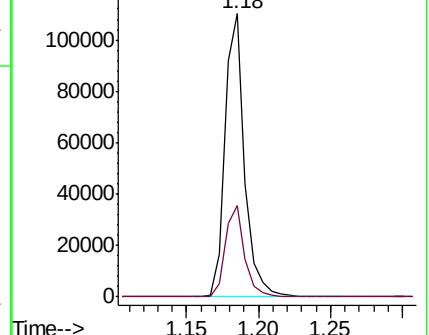
85 100

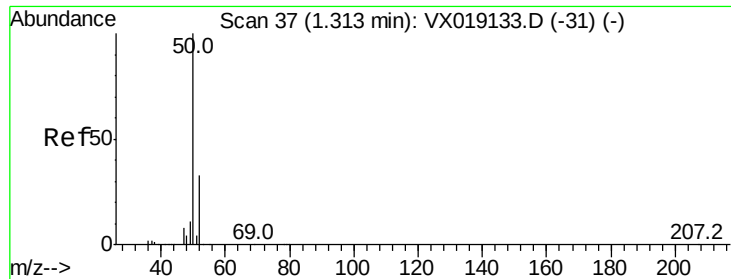
87 32.4 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 54.635 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

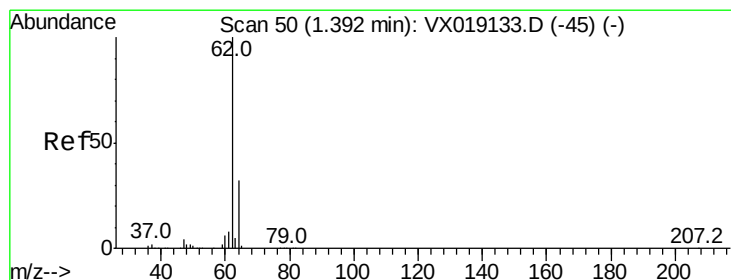
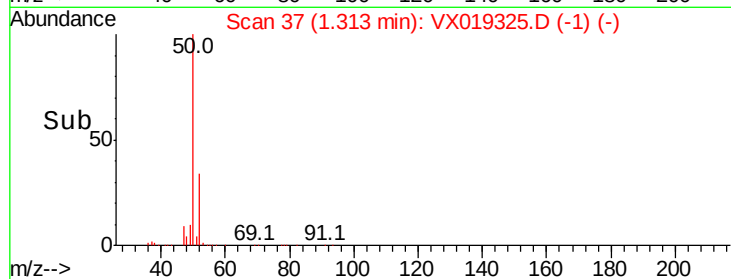
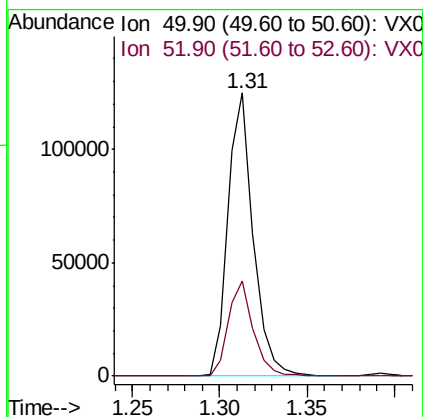
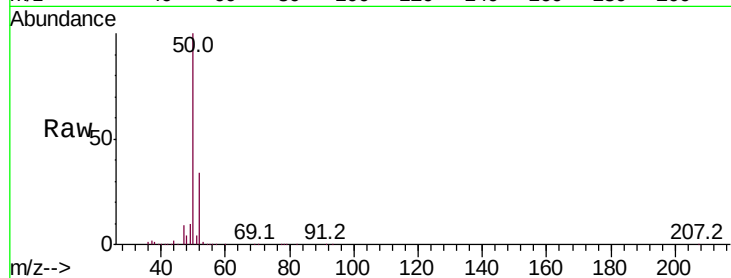
FA2O-MMW3414MS

Tot Ion: 50 Resp: 125981

Ion Ratio Lower Upper

50 100

52 33.9 26.8 40.2



#4

Vinyl Chloride

Concen: 56.766 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019325.D

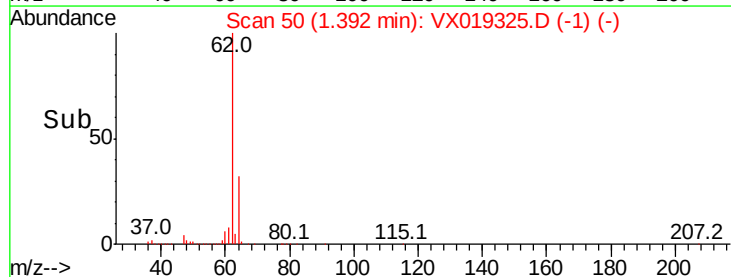
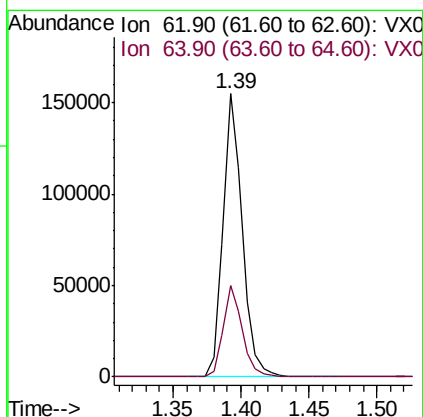
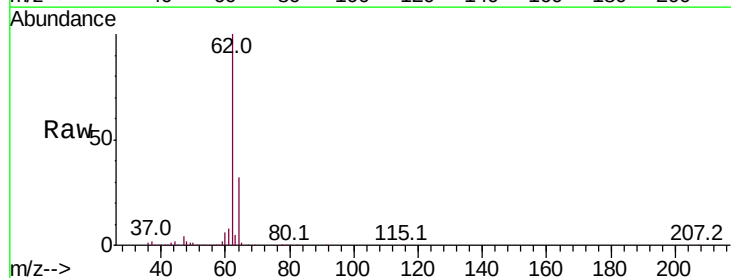
Acq: 05 Nov 2020 19:25

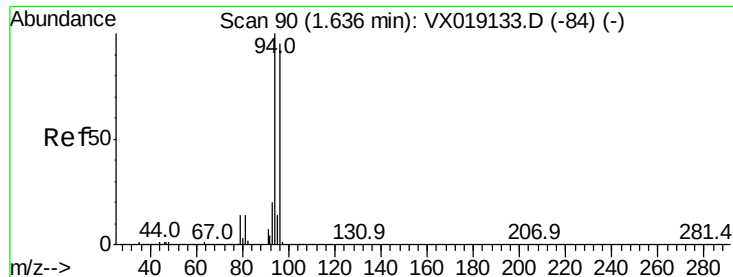
Tgt Ion: 62 Resp: 151800

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.0





#5

Bromomethane

Concen: 43.504 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

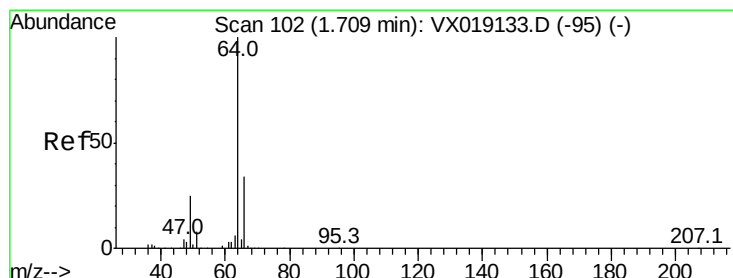
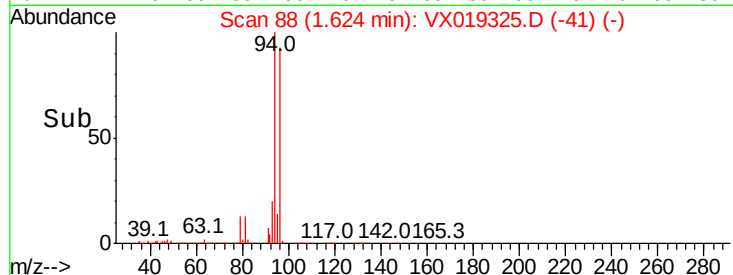
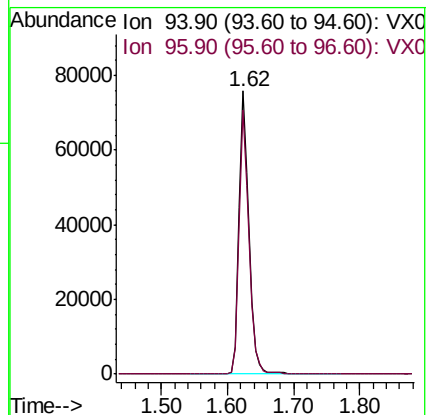
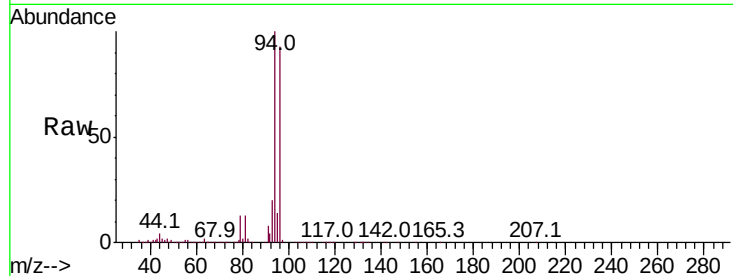
FA2O-MMW3414MS

Tot Ion: 94 Resp: 79450

Ion Ratio Lower Upper

94 100

96 93.5 76.0 114.0



#6

Chloroethane

Concen: 57.947 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX019325.D

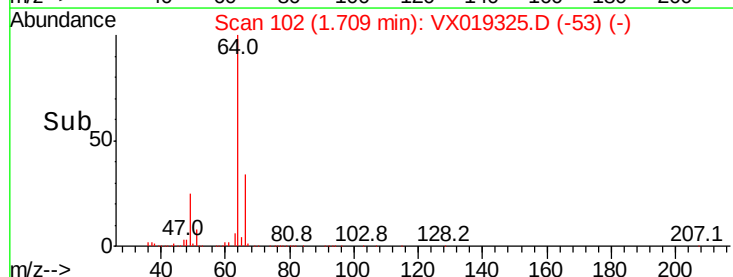
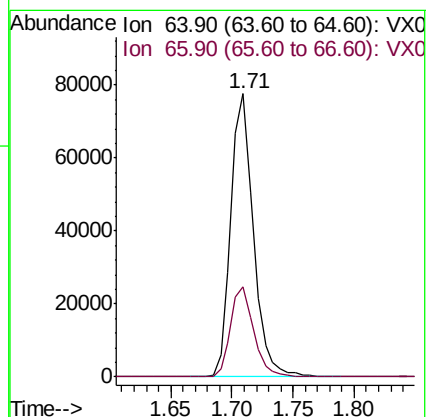
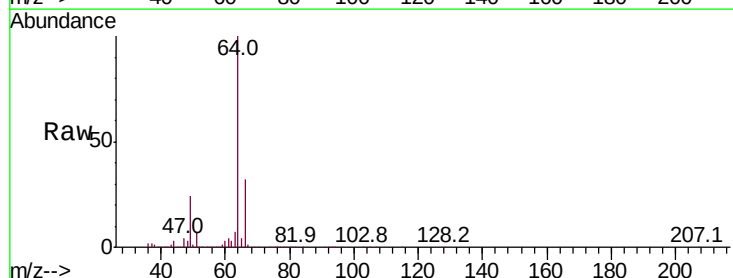
Acq: 05 Nov 2020 19:25

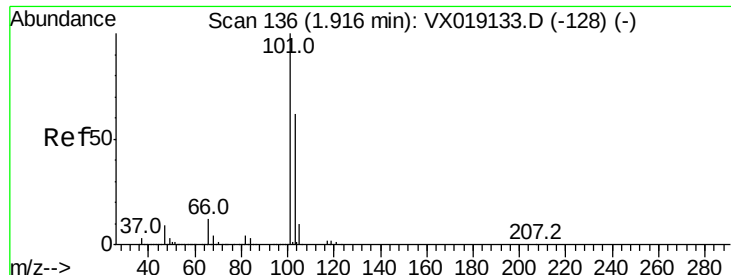
Tgt Ion: 64 Resp: 98939

Ion Ratio Lower Upper

64 100

66 32.0 27.1 40.7



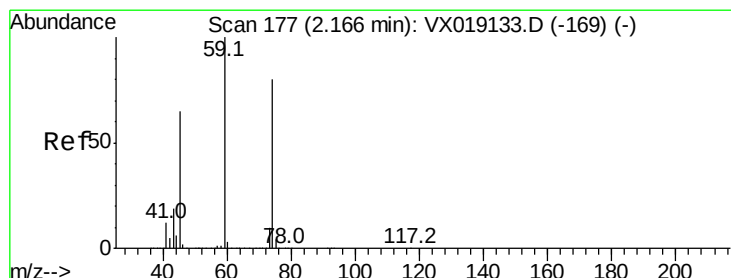
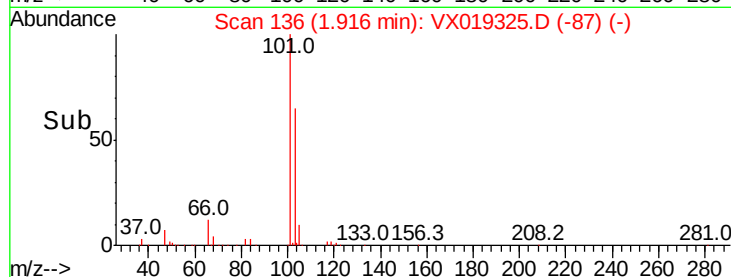
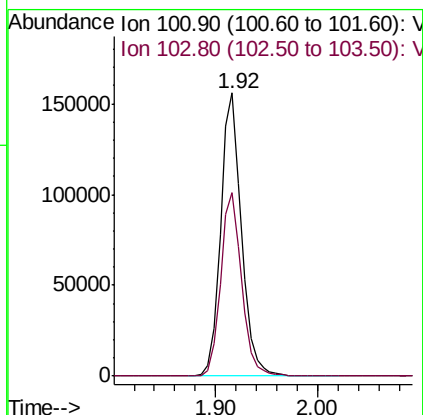
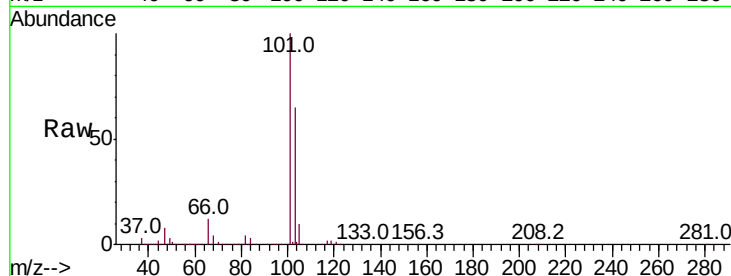


#7

Trichlorofluoromethane
 Concen: 52.654 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.00 min
 Lab File: VX019325.D
 Acq: 05 Nov 2020 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 FA2O-MMW3414MS

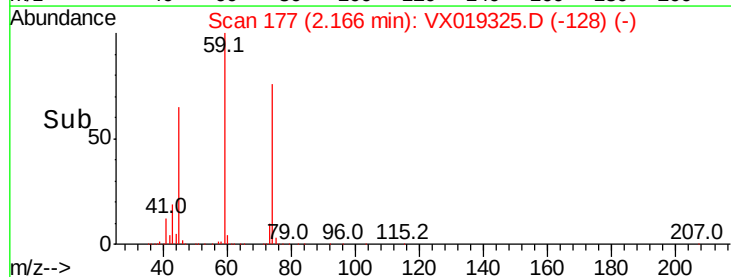
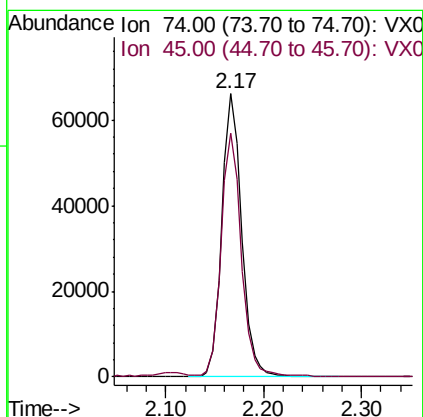
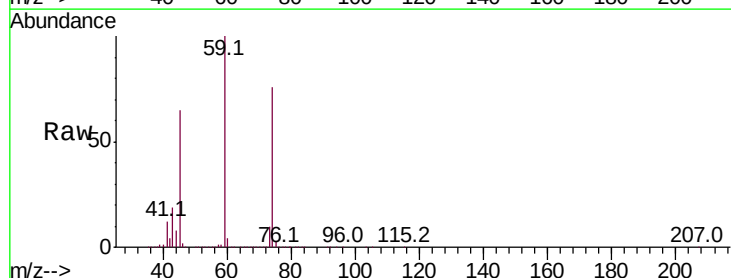
Tot Ion:101 Resp: 221210
 Ion Ratio Lower Upper
 101 100
 103 64.9 50.0 75.0

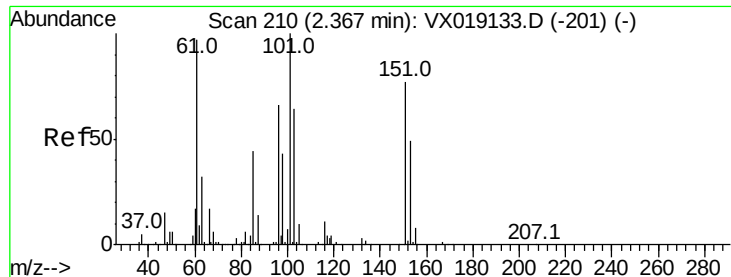


#8

Diethyl Ether
 Concen: 57.769 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX019325.D
 Acq: 05 Nov 2020 19:25

Tgt Ion: 74 Resp: 93145
 Ion Ratio Lower Upper
 74 100
 45 85.9 41.0 123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.838 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

FA2O-MMW3414MS

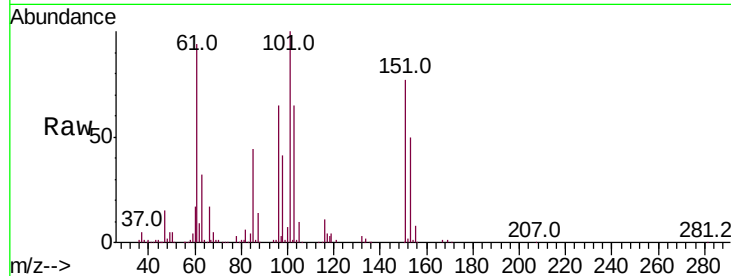
Tot Ion:101 Resp: 118383

Ion Ratio Lower Upper

101 100

85 44.6 35.0 52.4

151 75.6 61.4 92.2

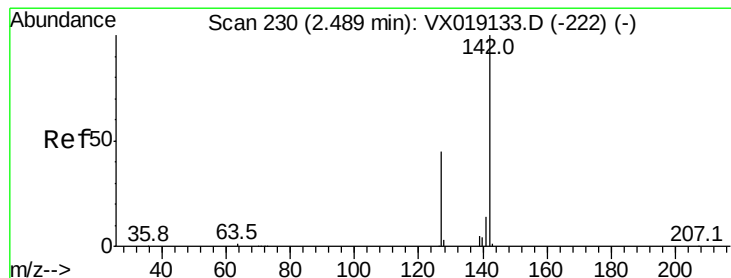
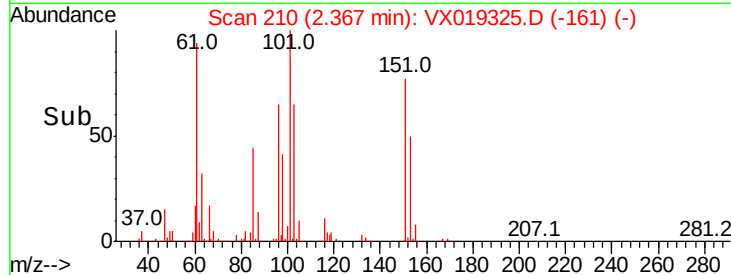
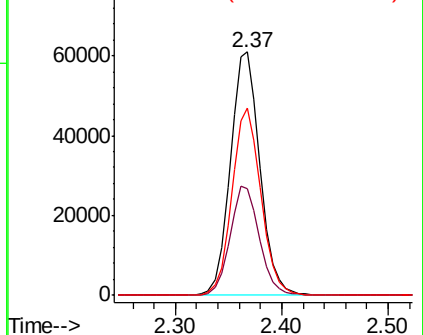


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.738 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

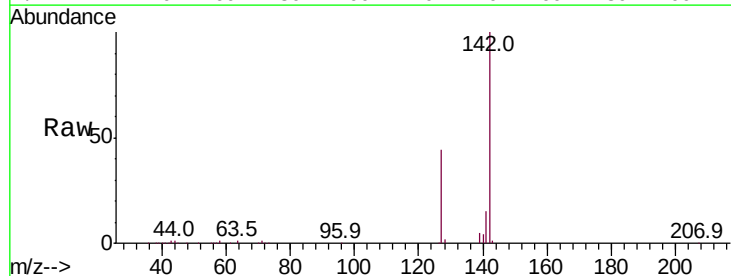
Tgt Ion:142 Resp: 120851

Ion Ratio Lower Upper

142 100

127 45.4 36.1 54.1

141 14.2 11.3 16.9

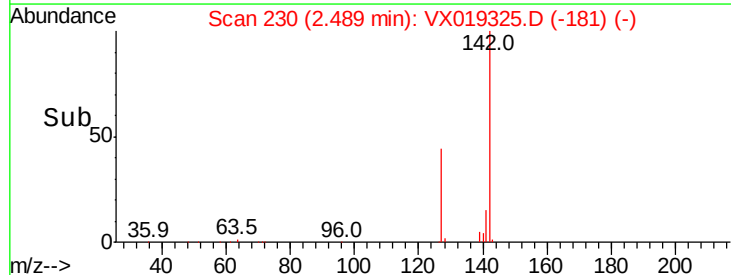
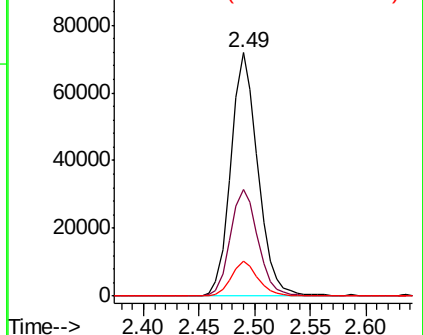


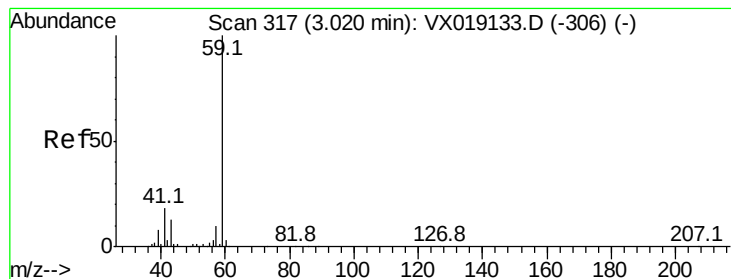
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



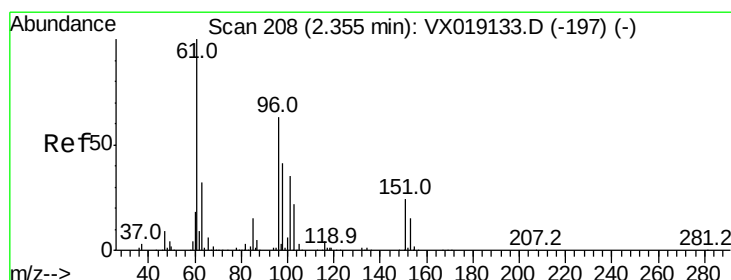
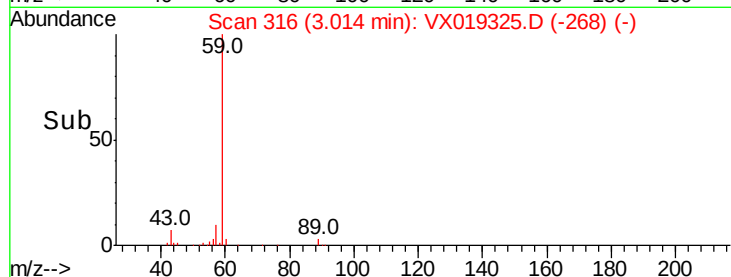
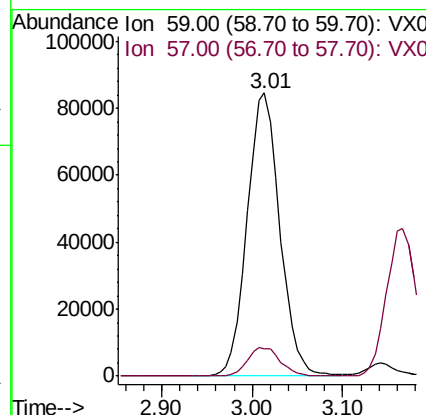
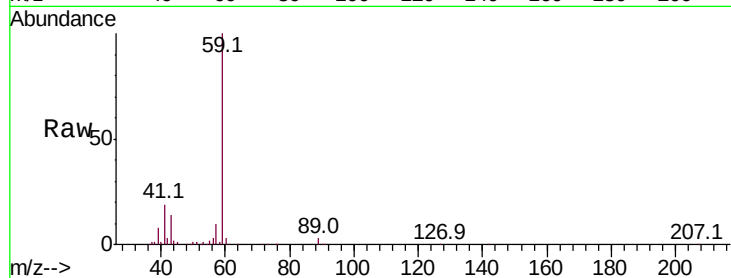


#11

Tert butyl alcohol
 Concen: 334.989 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX019325.D
 Acq: 05 Nov 2020 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 FA2O-MMW3414MS

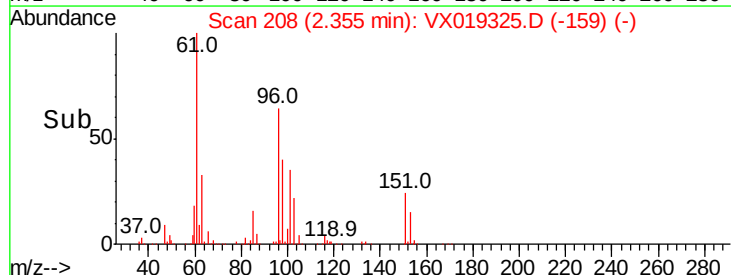
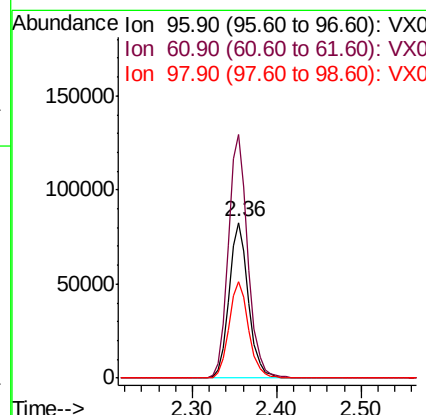
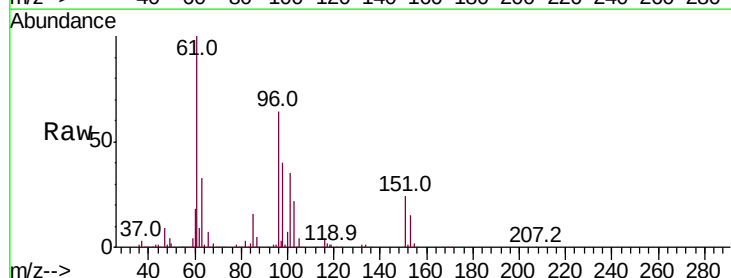
Tot Ion: 59 Resp: 211254
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.4 12.6

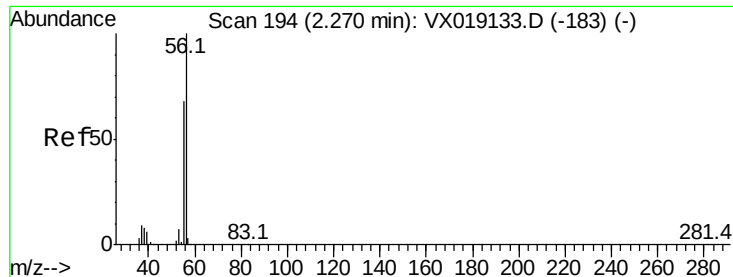


#12

1,1-Dichloroethene
 Concen: 54.126 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX019325.D
 Acq: 05 Nov 2020 19:25

Tgt Ion: 96 Resp: 129879
 Ion Ratio Lower Upper
 96 100
 61 156.1 127.7 191.5
 98 61.7 52.1 78.1





#13

Acrolein

Concen: 348.893 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

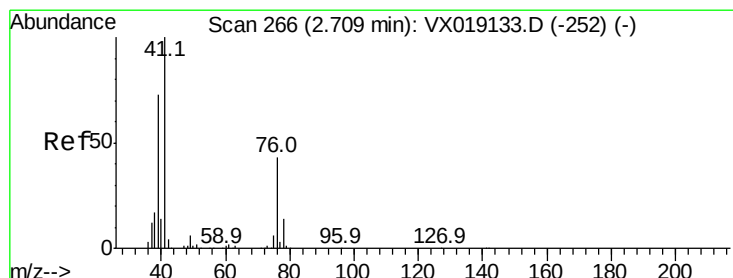
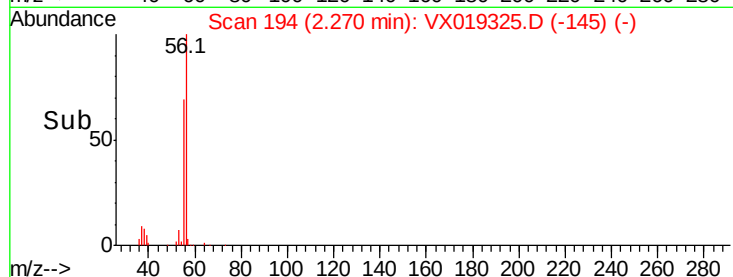
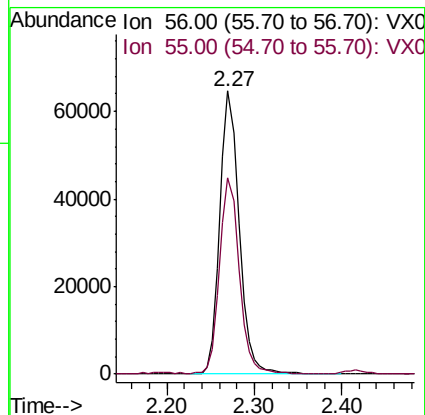
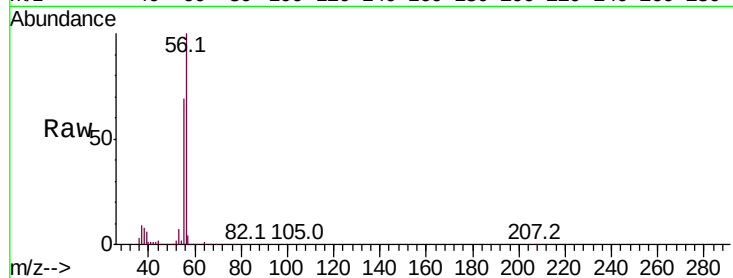
FA2O-MMW3414MS

Tot Ion: 56 Resp: 99017

Ion Ratio Lower Upper

56 100

55 69.9 54.7 82.1



#14

Allyl chloride

Concen: 56.418 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

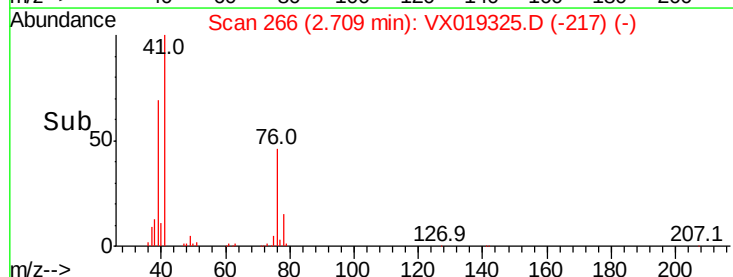
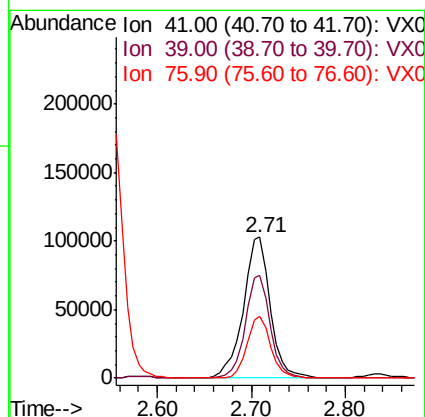
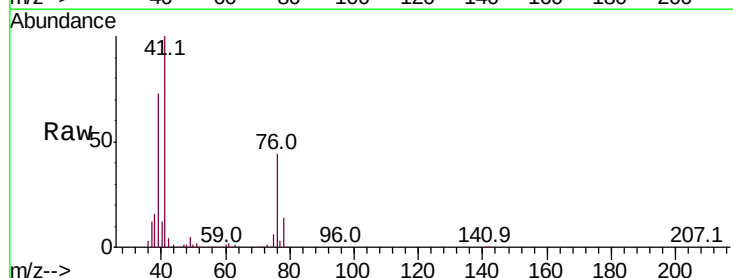
Tgt Ion: 41 Resp: 205054

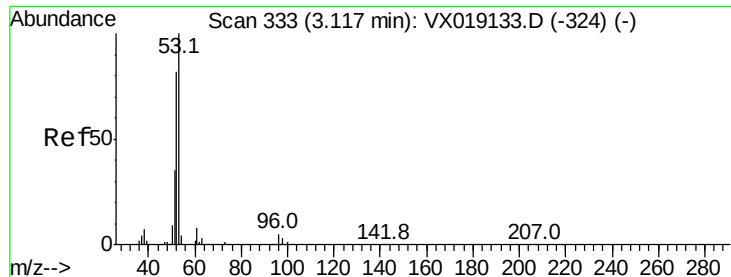
Ion Ratio Lower Upper

41 100

39 67.0 55.2 82.8

76 38.9 31.5 47.3





#15

Acrylonitrile

Concen: 307.544 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

FA2O-MMW3414MS

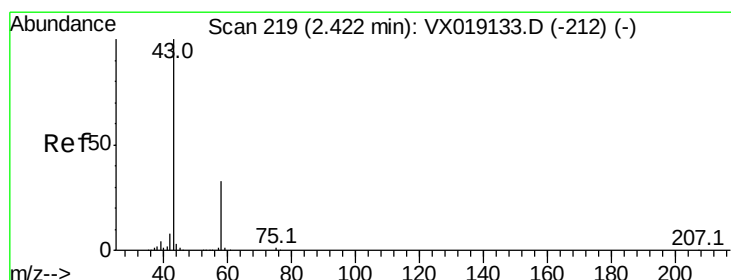
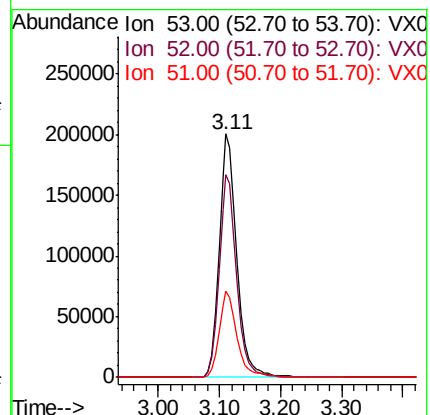
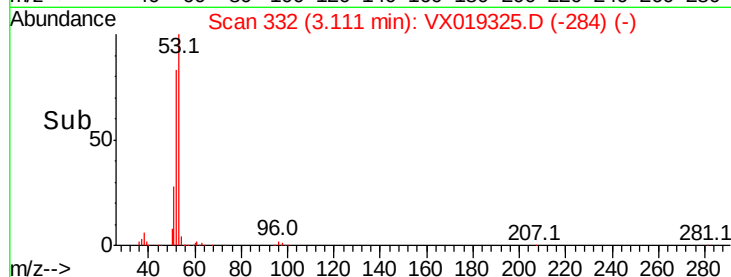
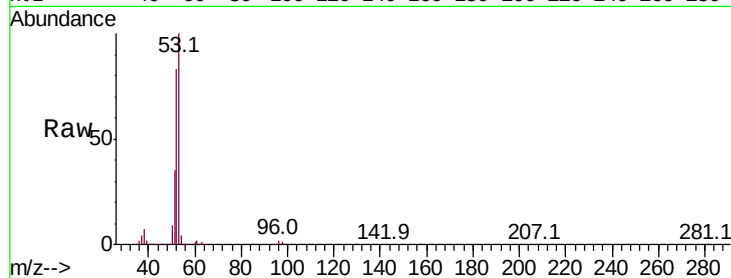
Tot Ion: 53 Resp: 407552

Ion Ratio Lower Upper

53 100

52 82.4 65.7 98.5

51 35.6 28.4 42.6



#16

Acetone

Concen: 313.950 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019325.D

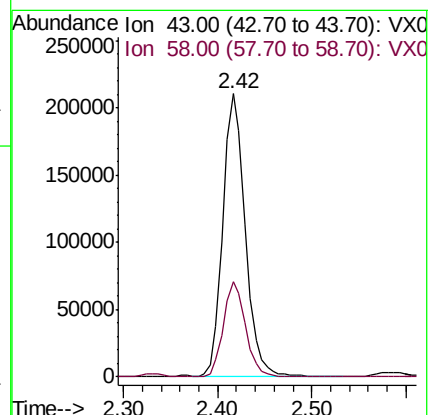
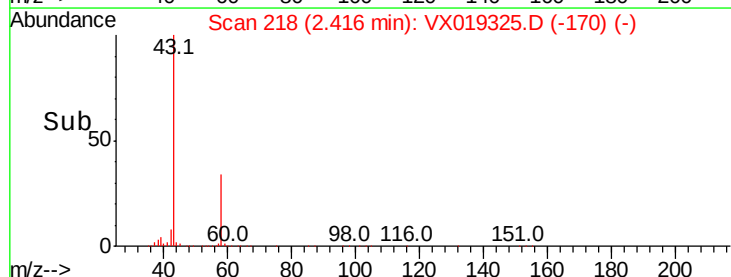
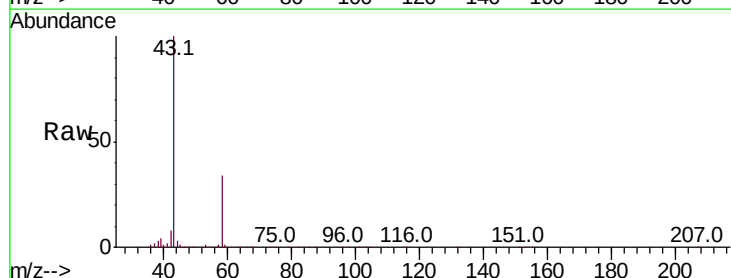
Acq: 05 Nov 2020 19:25

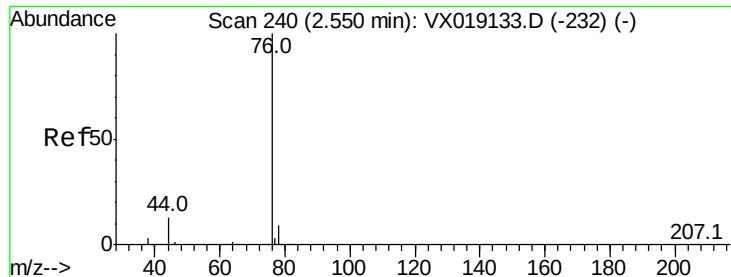
Tgt Ion: 43 Resp: 345809

Ion Ratio Lower Upper

43 100

58 33.6 26.3 39.5





#17

Carbon Disulfide

Concen: 49.594 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

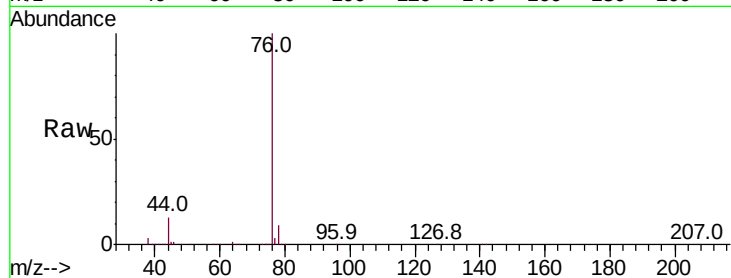
FA2O-MMW3414MS

Tot Ion: 76 Resp: 339174

Ion Ratio Lower Upper

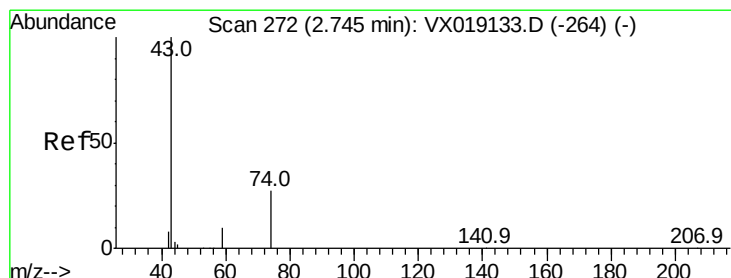
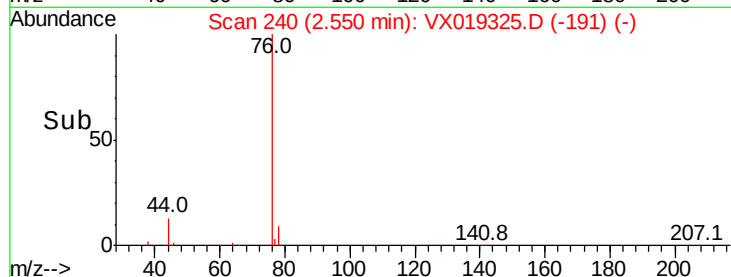
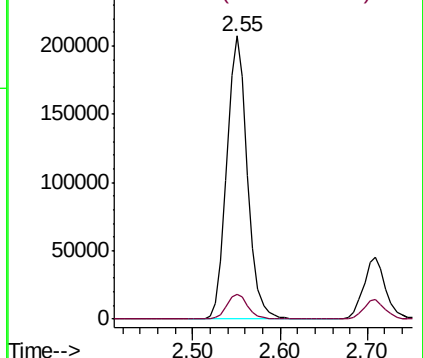
76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 60.305 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX019325.D

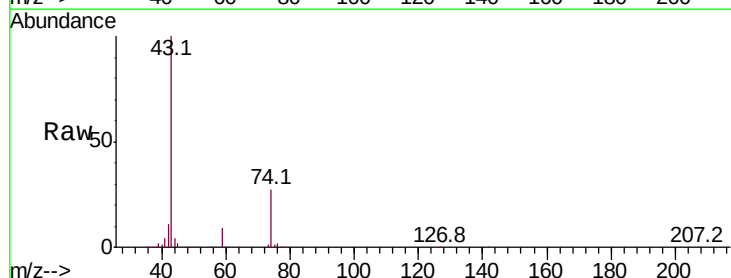
Acq: 05 Nov 2020 19:25

Tgt Ion: 43 Resp: 161525

Ion Ratio Lower Upper

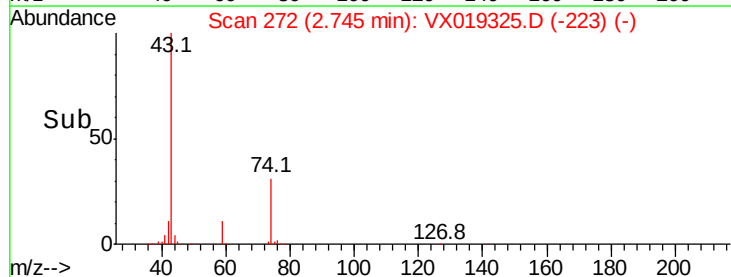
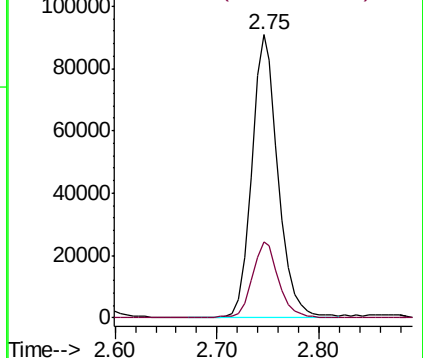
43 100

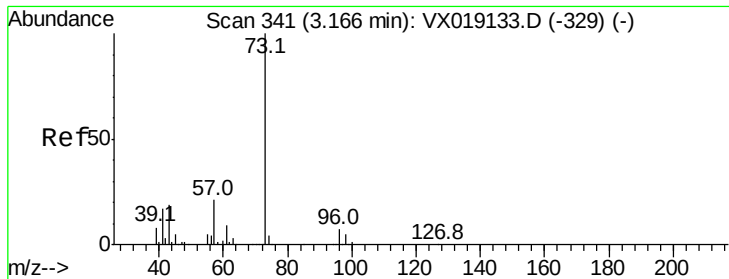
74 27.3 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

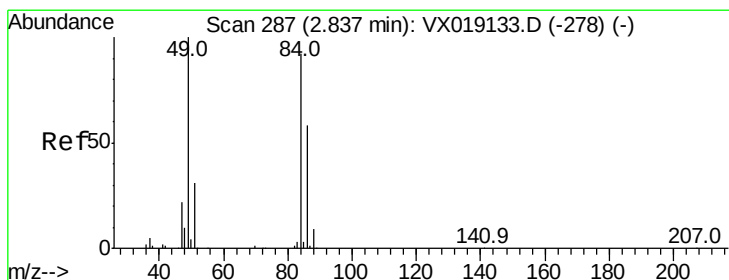
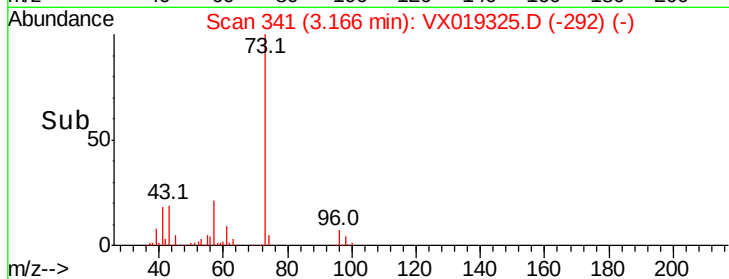
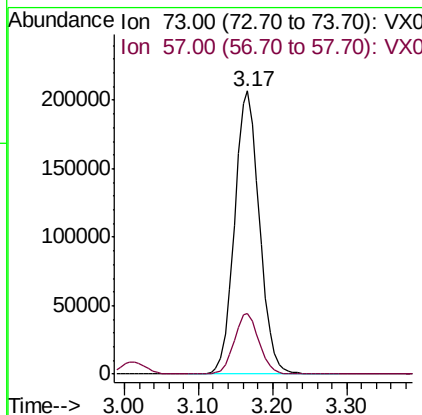
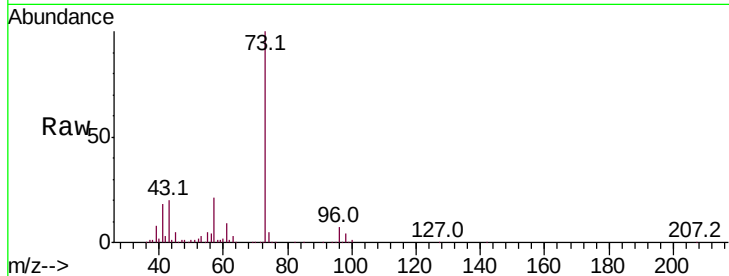




#19
Methyl tert-butyl Ether
Concen: 58.165 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

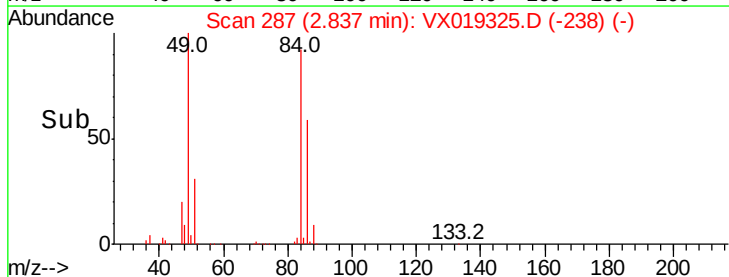
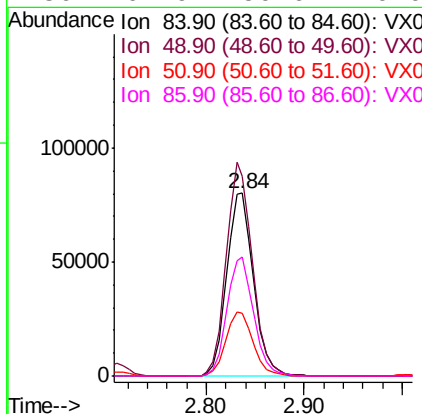
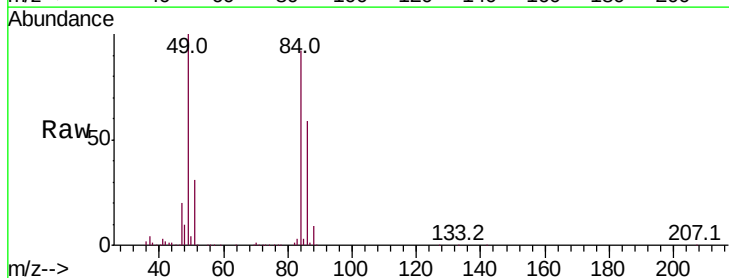
Instrument :
MSVOA_X
ClientSampleId :
FA2O-MMW3414MS

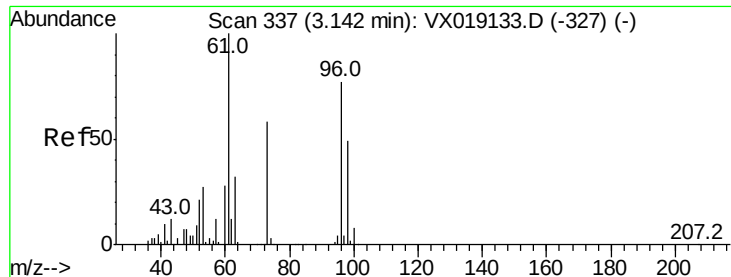
Tot Ion: 73 Resp: 483597
Ion Ratio Lower Upper
73 100
57 21.3 16.6 25.0



#20
Methylene Chloride
Concen: 54.918 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Tgt Ion: 84 Resp: 151863
Ion Ratio Lower Upper
84 100
49 109.3 86.8 130.2
51 34.4 27.3 40.9
86 64.9 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 52.609 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

FA2O-MMW3414MS

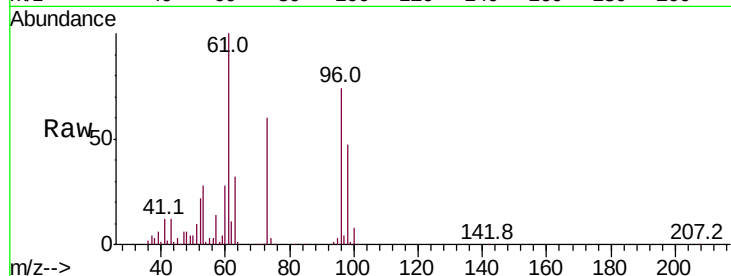
Tot Ion: 96 Resp: 145288

Ion Ratio Lower Upper

96 100

61 135.0 104.2 156.4

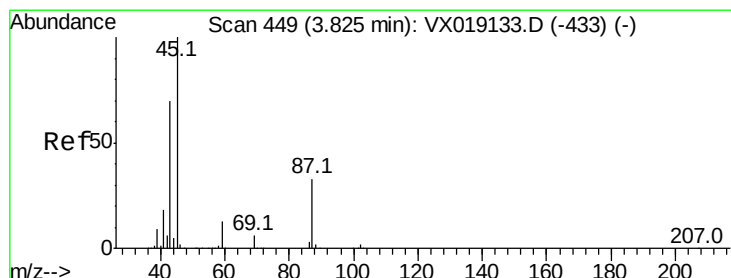
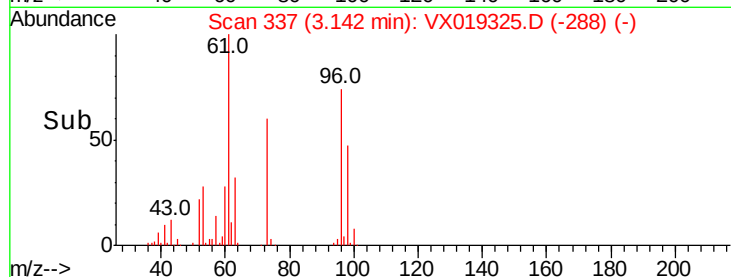
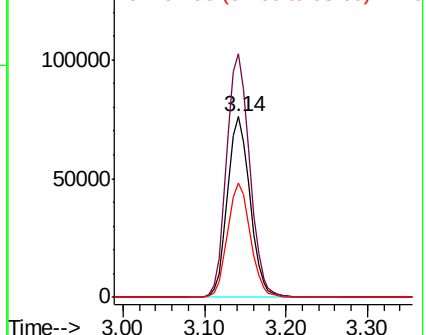
98 63.4 51.3 76.9



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 60.185 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Tgt Ion: 45 Resp: 436092

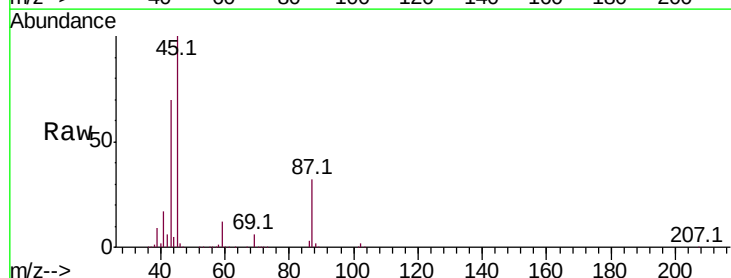
Ion Ratio Lower Upper

45 100

43 70.3 56.2 84.4

87 31.4 26.2 39.2

59 12.4 10.1 15.1

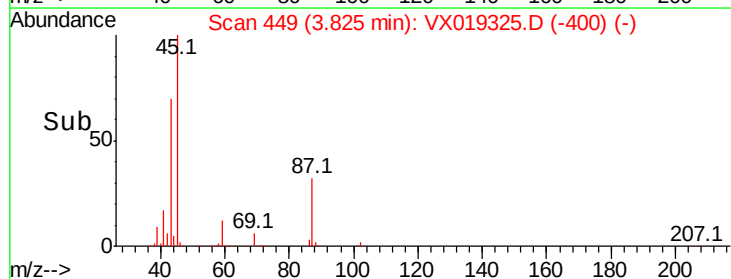
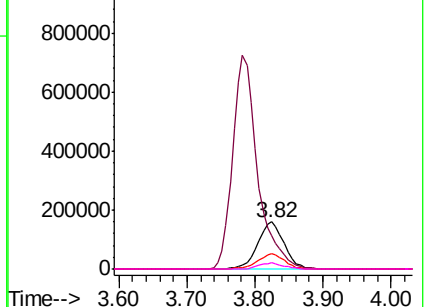


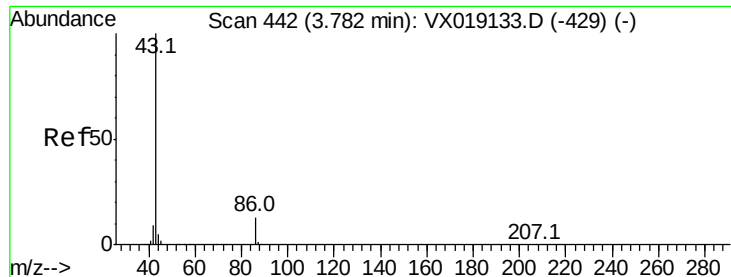
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 285.934 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

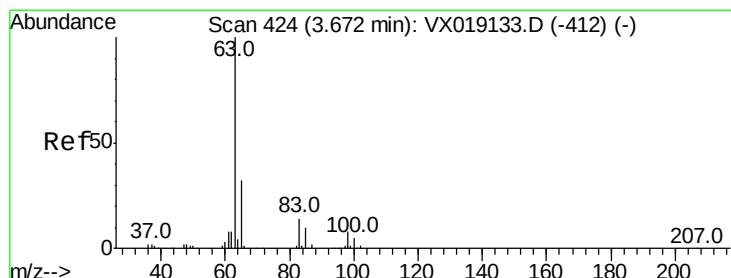
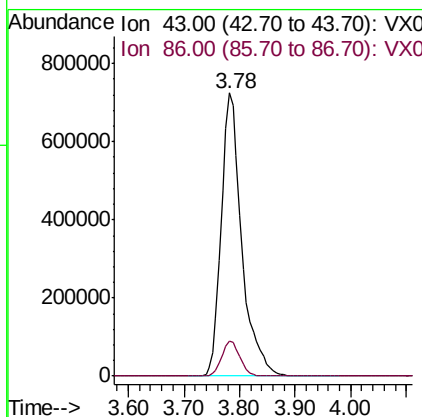
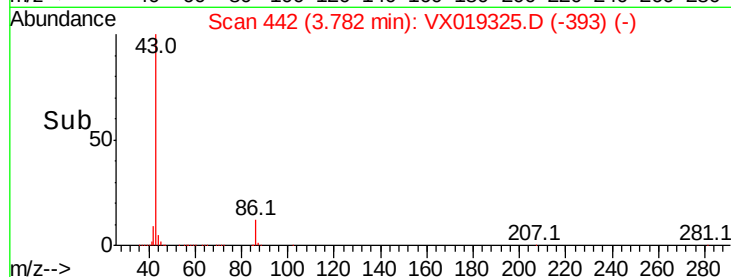
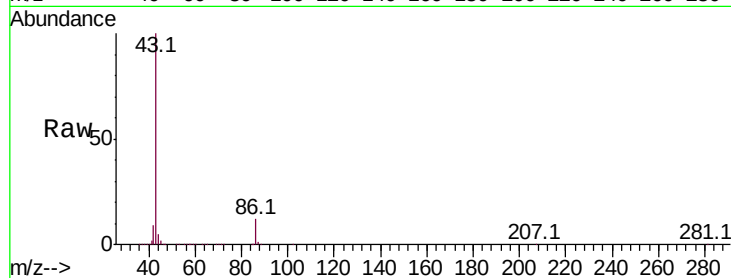
FA2O-MMW3414MS

Tot Ion: 43 Resp: 1847569

Ion Ratio Lower Upper

43 100

86 12.4 10.4 15.6



#24

1,1-Dichloroethane

Concen: 57.647 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

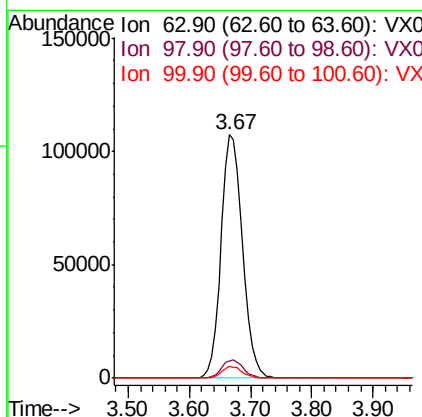
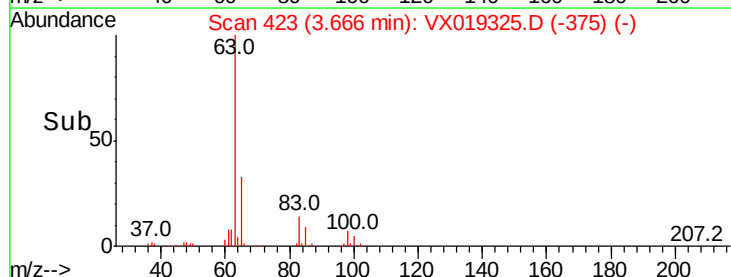
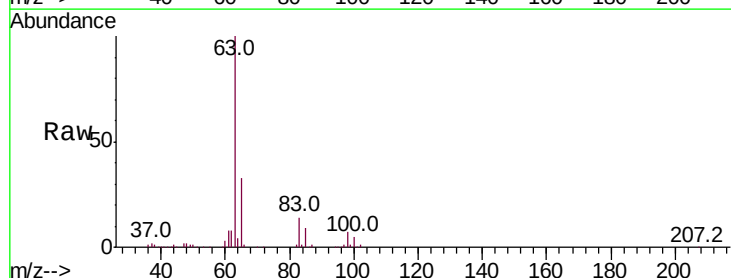
Tgt Ion: 63 Resp: 260799

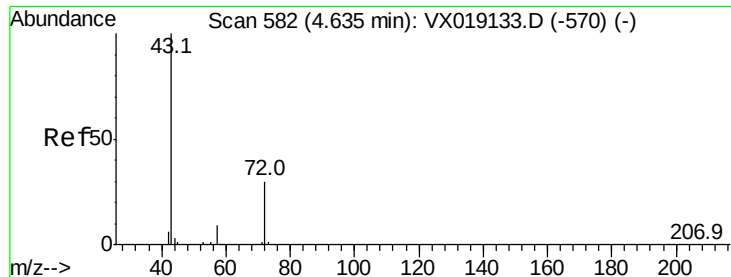
Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.4

100 4.9 2.4 7.2





#25

2-Butanone

Concen: 314.201 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

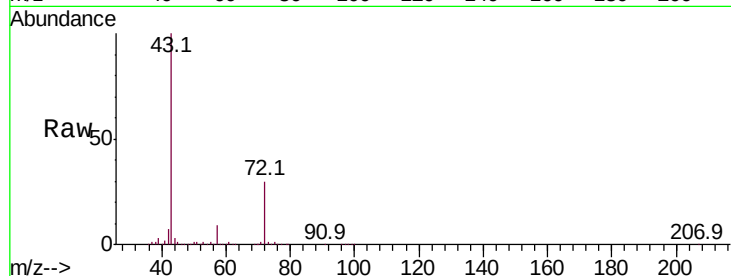
FA2O-MMW3414MS

Tot Ion: 43 Resp: 545431

Ion Ratio Lower Upper

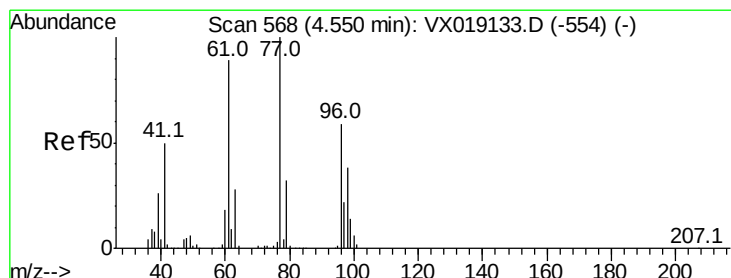
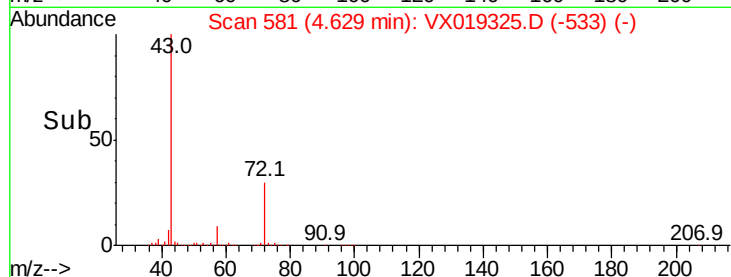
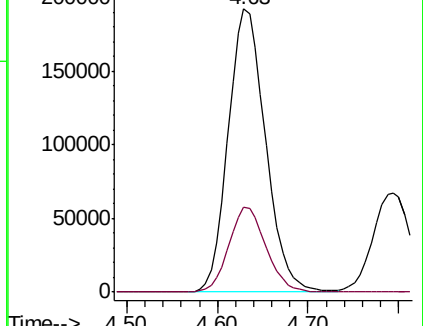
43 100

72 30.0 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 46.021 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX019325.D

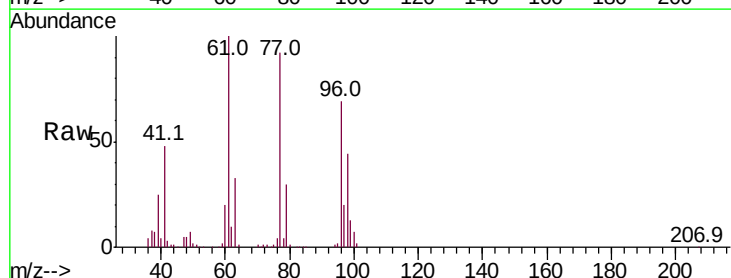
Acq: 05 Nov 2020 19:25

Tgt Ion: 77 Resp: 195729

Ion Ratio Lower Upper

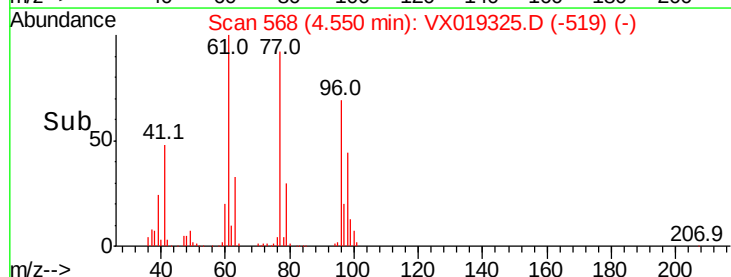
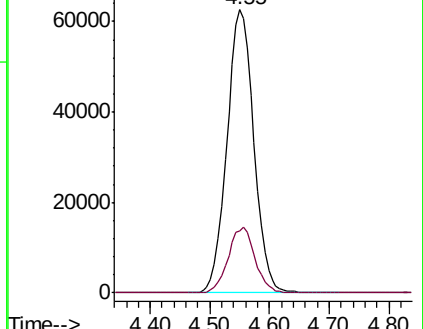
77 100

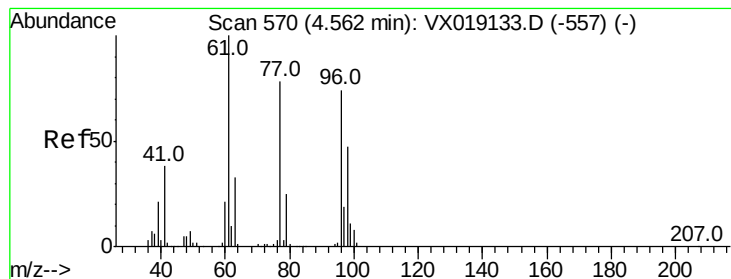
97 23.1 11.4 34.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



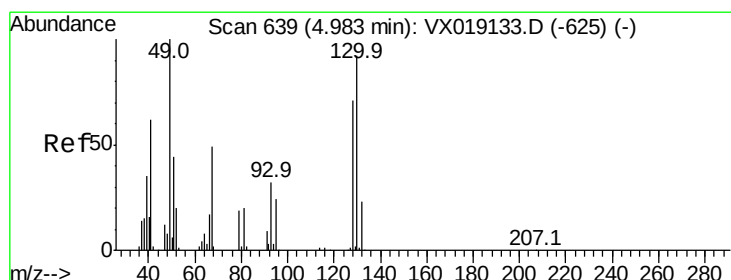
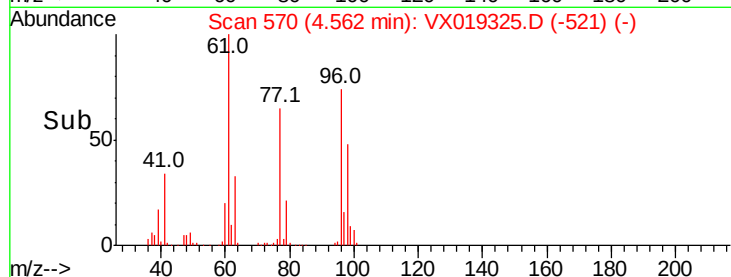
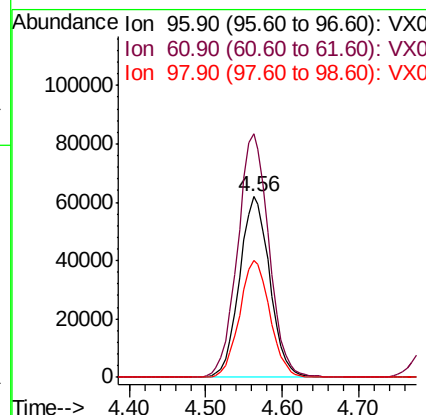
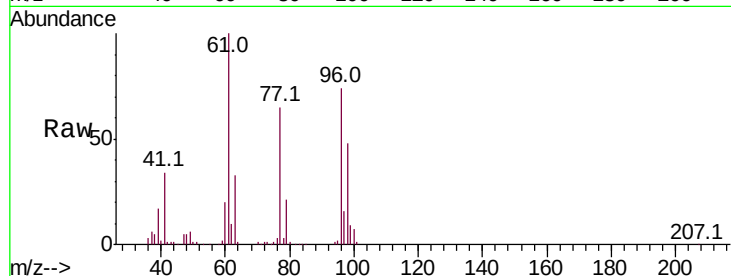


#27

cis-1,2-Dichloroethene
Concen: 55.150 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
FA2O-MMW3414MS

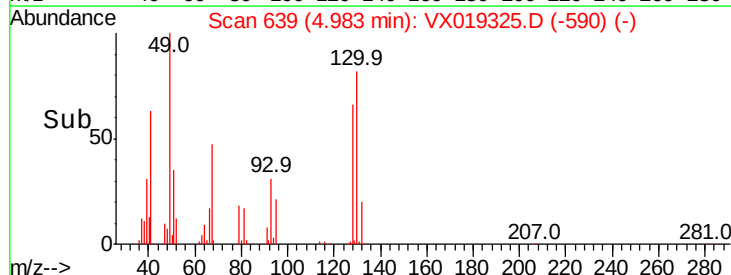
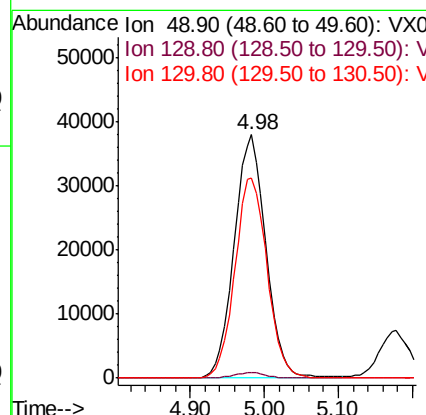
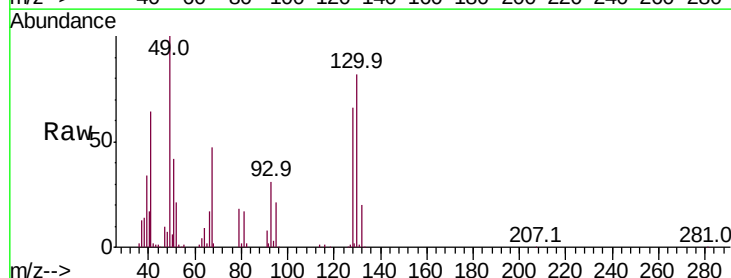
Tot Ion	Ratio	Lower	Upper
96	100		
61	139.4	0.0	278.8
98	64.9	0.0	130.2

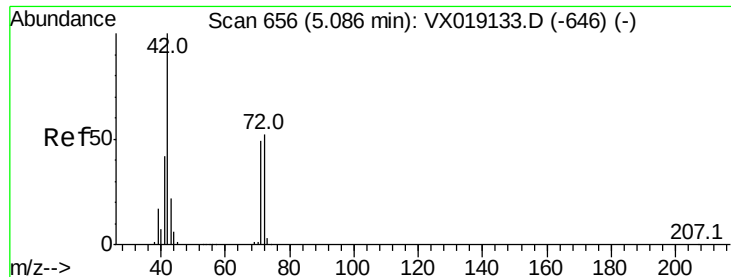


#28

Bromochloromethane
Concen: 55.264 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	83.3	71.3	106.9

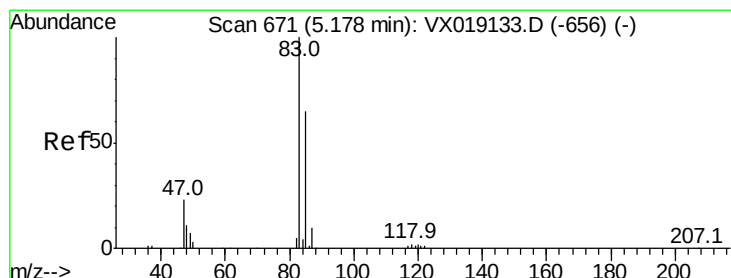
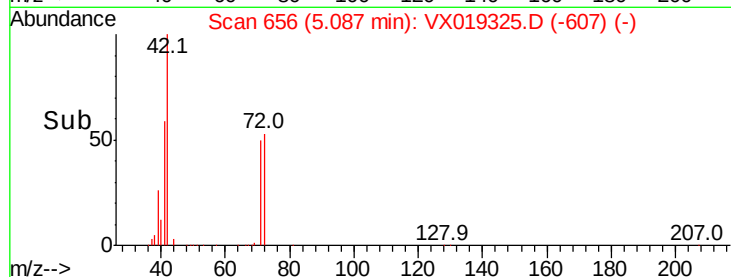
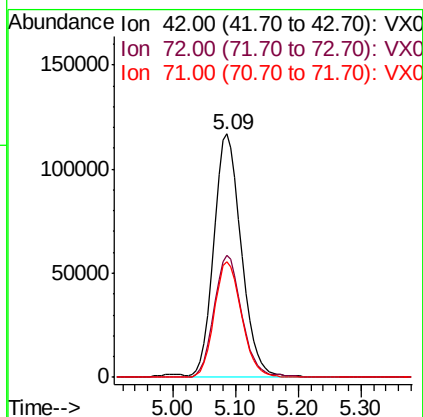
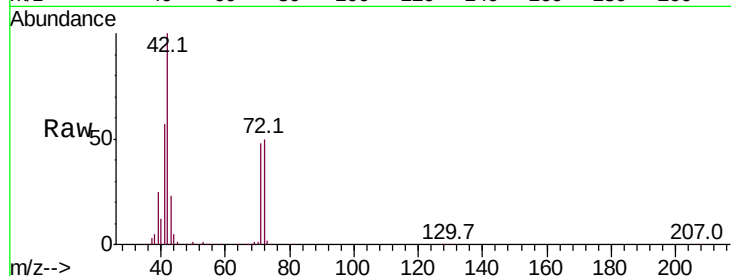




#29
Tetrahydrofuran
Concen: 322.818 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

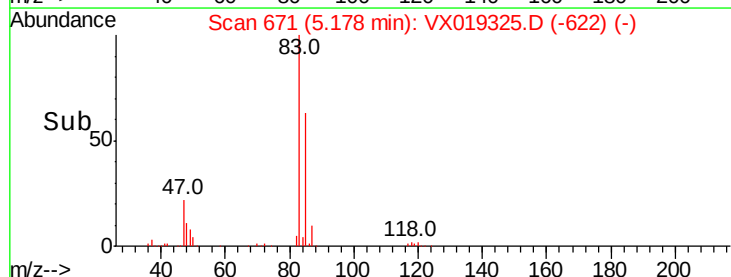
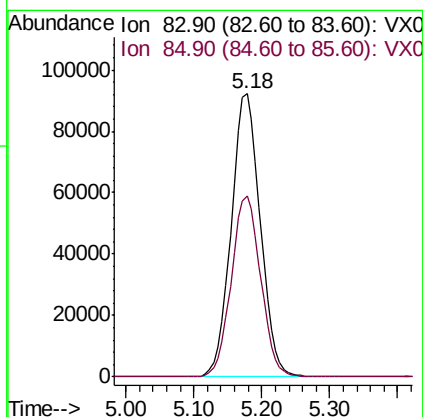
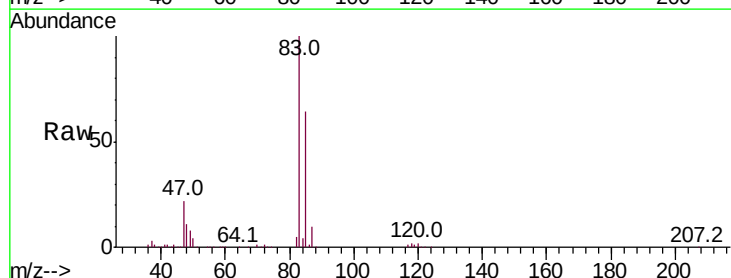
Instrument :
MSVOA_X
ClientSampleId :
FA2O-MMW3414MS

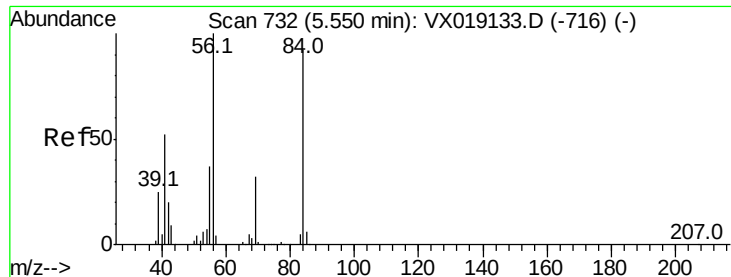
Tot Ion: 42 Resp: 353153
Ion Ratio Lower Upper
42 100
72 51.0 42.6 63.8
71 47.7 39.7 59.5



#30
Chloroform
Concen: 56.760 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Tgt Ion: 83 Resp: 273322
Ion Ratio Lower Upper
83 100
85 64.1 51.9 77.9

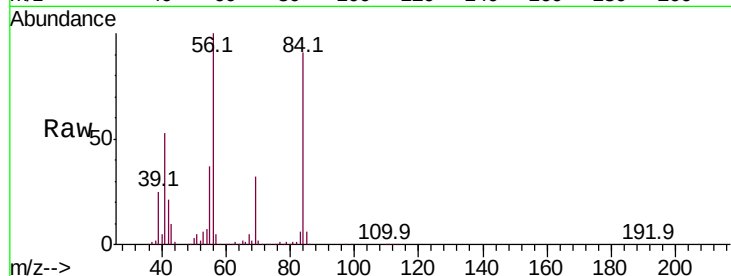




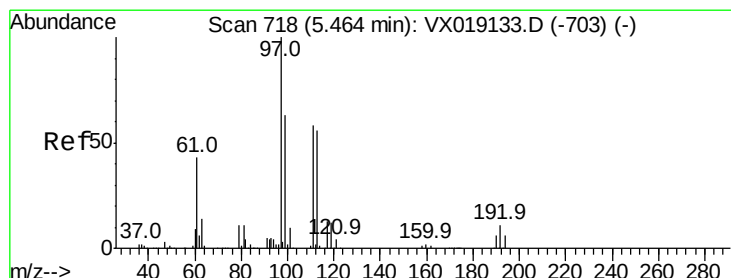
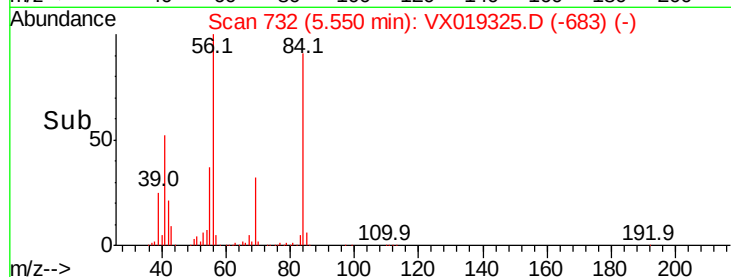
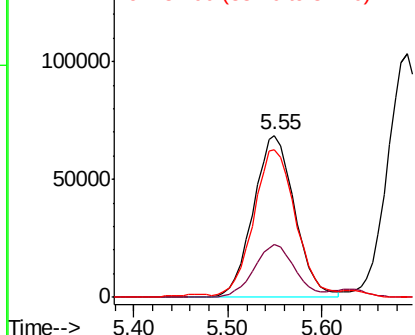
#31
Cyclohexane
Concen: 52.431 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
FA2O-MMW3414MS

Tot Ion: 56 Resp: 211610
Ion Ratio Lower Upper
56 100
69 32.3 25.9 38.9
84 89.8 73.4 110.2

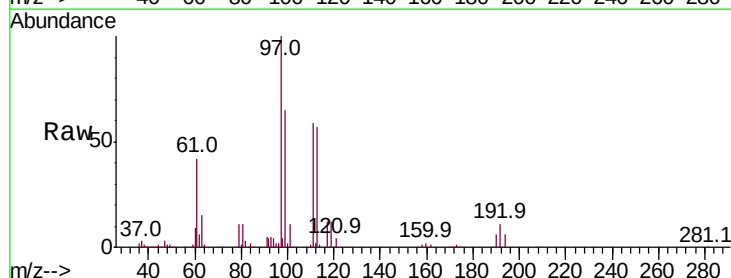


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

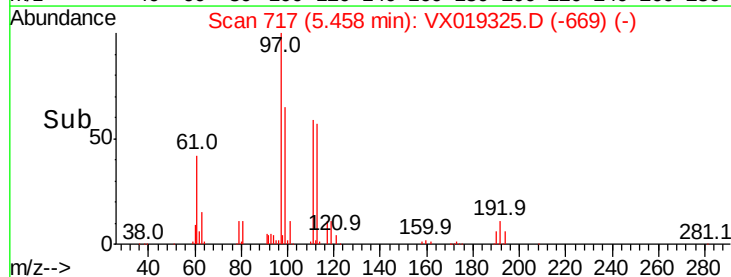
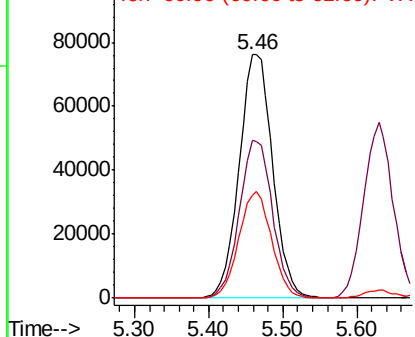


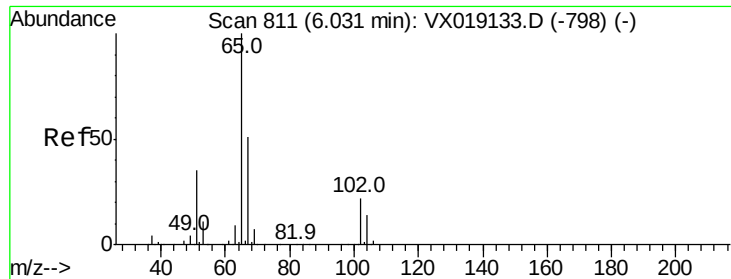
#32
1,1,1-Trichloroethane
Concen: 55.123 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Tgt Ion: 97 Resp: 240658
Ion Ratio Lower Upper
97 100
99 64.3 51.7 77.5
61 43.0 34.2 51.2



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

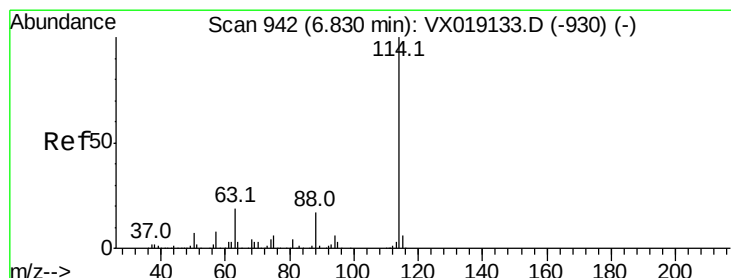
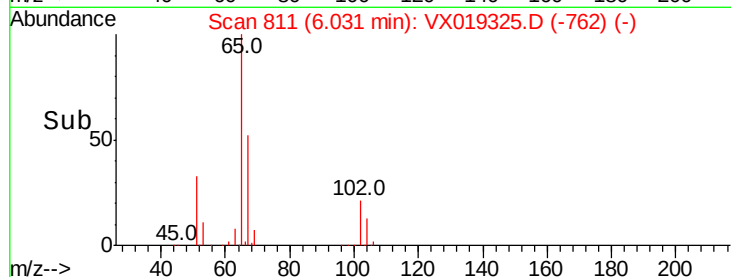
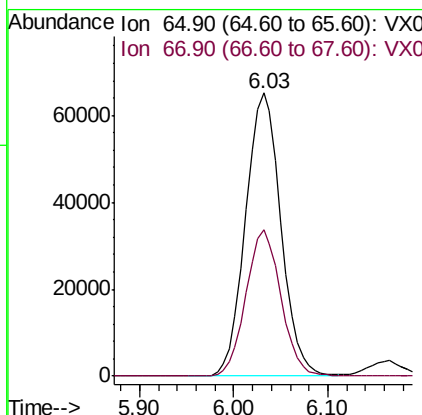
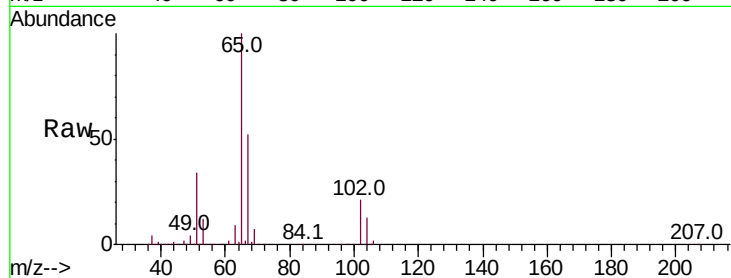




#33
 1,2-Dichloroethane-d4
 Concen: 53.569 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX019325.D
 Acq: 05 Nov 2020 19:25

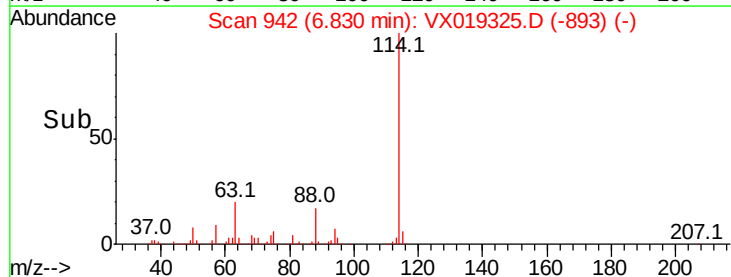
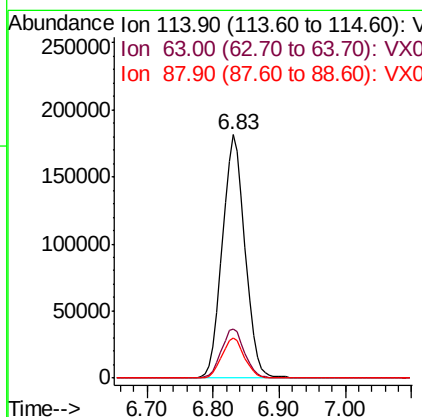
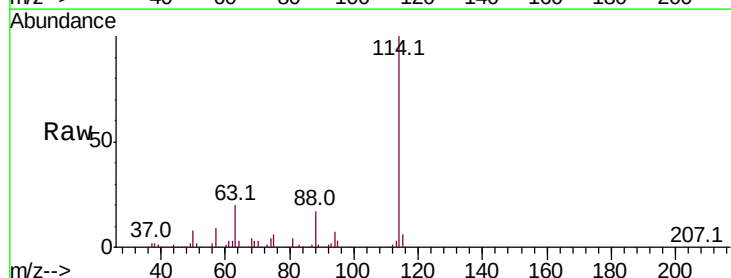
Instrument :
 MSVOA_X
 ClientSampleId :
 FA2O-MMW3414MS

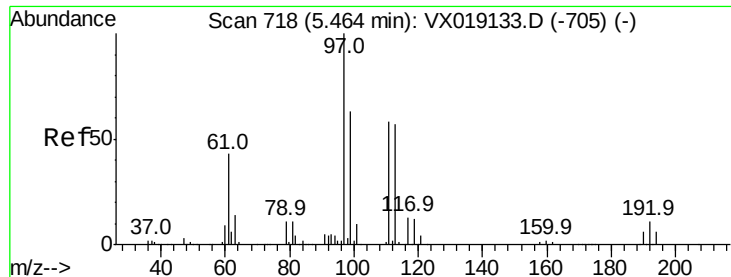
Tot Ion: 65 Resp: 171037
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX019325.D
 Acq: 05 Nov 2020 19:25

Tgt Ion: 114 Resp: 429790
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 38.8
 88 16.6 0.0 34.2

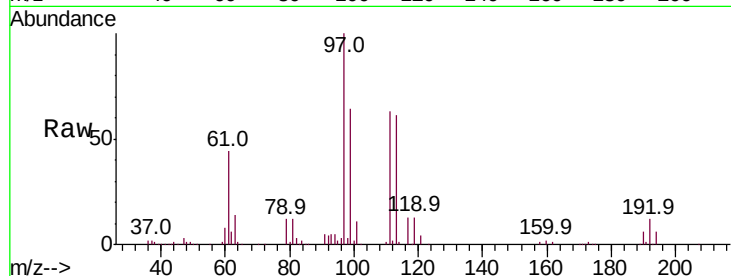




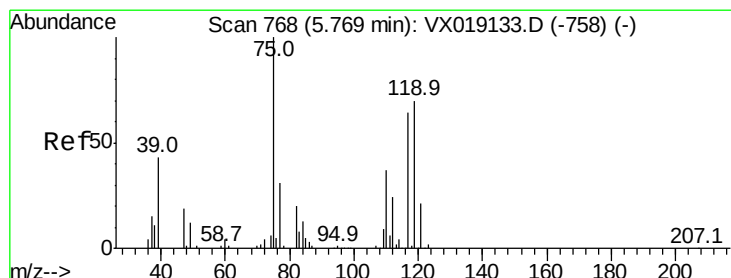
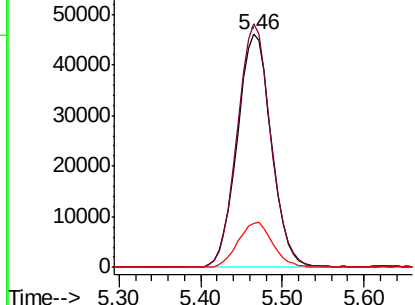
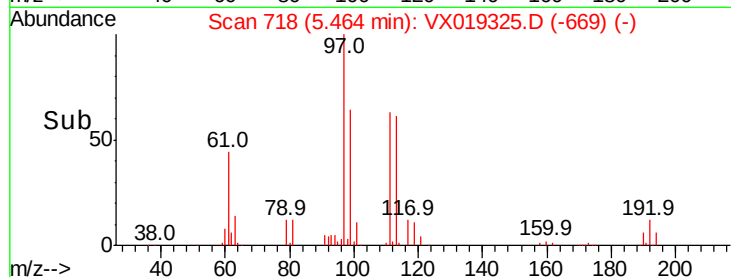
#35
 Dibromofluoromethane
 Concen: 49.634 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX019325.D
 Acq: 05 Nov 2020 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 FA2O-MMW3414MS

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.3	123.5
192	19.6	16.2	24.2

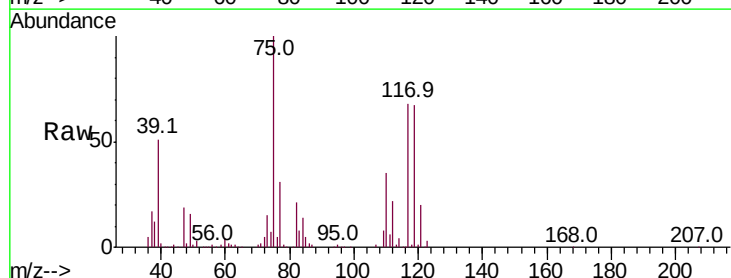


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

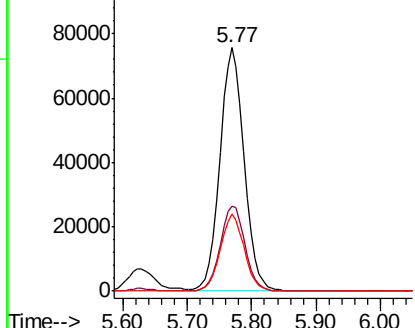
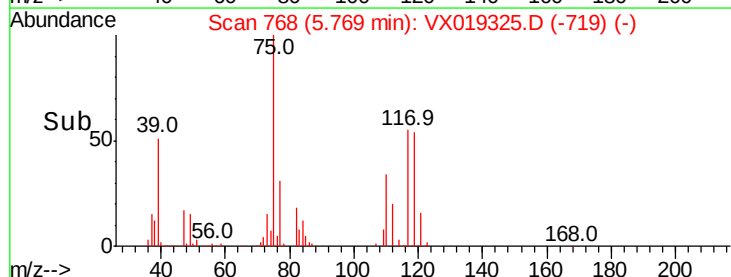


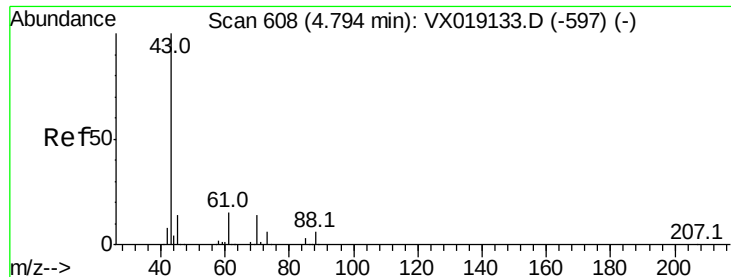
#36
 1,1-Dichloropropene
 Concen: 50.710 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX019325.D
 Acq: 05 Nov 2020 19:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	18.3	54.9
77	31.2	24.9	37.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 54.939 ug/l

RT: 4.79 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

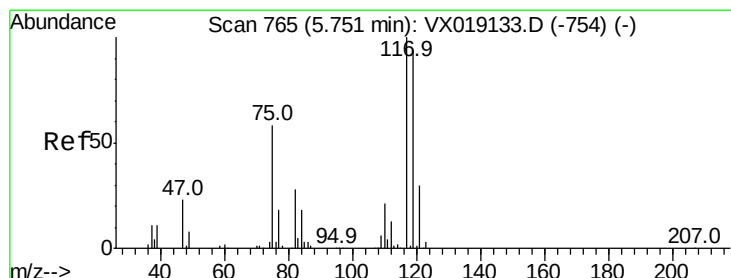
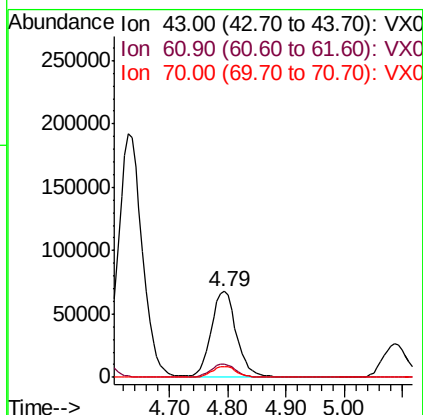
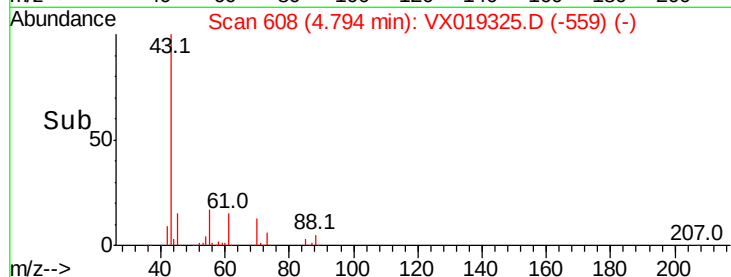
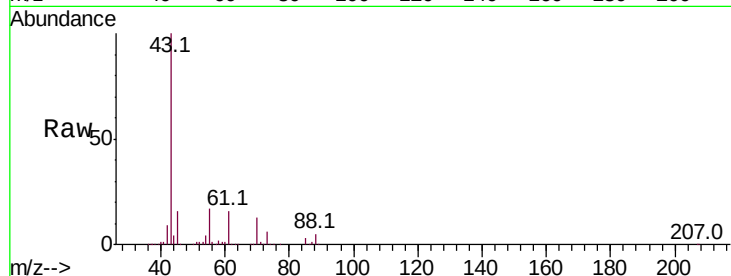
MSVOA_X

ClientSampleId :

FA2O-MMW3414MS

Tot Ion: 43 Resp: 202444

Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.5	18.7
70	12.8	10.5	15.7



#38

Carbon Tetrachloride

Concen: 49.559 ug/l

RT: 5.76 min Scan# 766

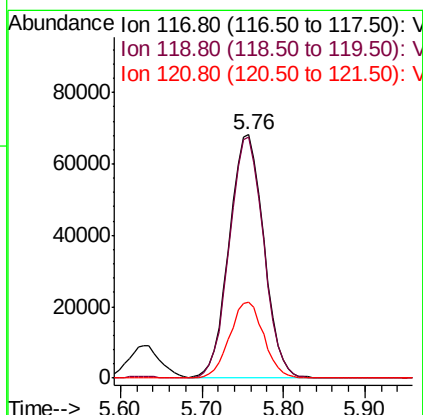
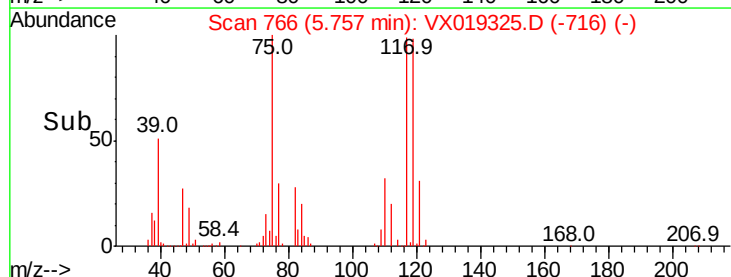
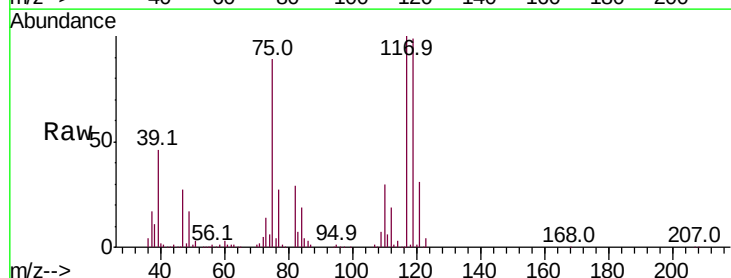
Delta R.T. 0.01 min

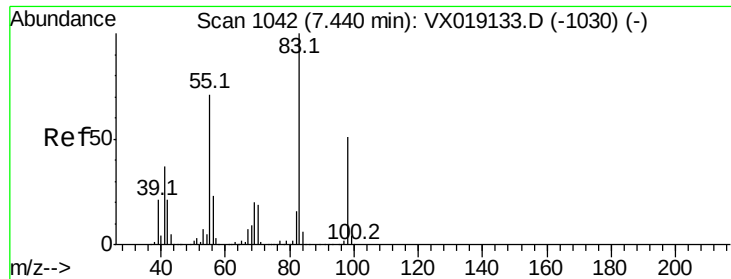
Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Tgt Ion: 117 Resp: 200484

Ion	Ratio	Lower	Upper
117	100		
119	98.8	75.0	112.6
121	31.4	23.9	35.9

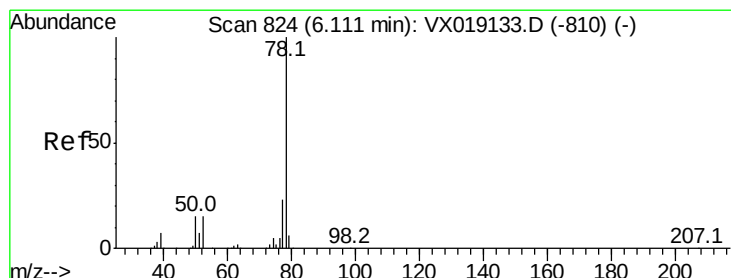
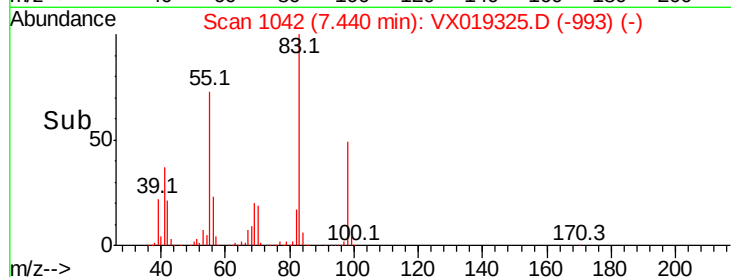
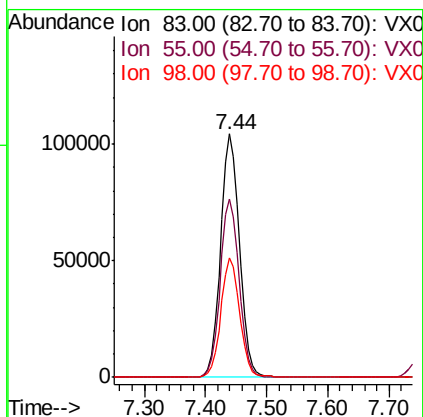
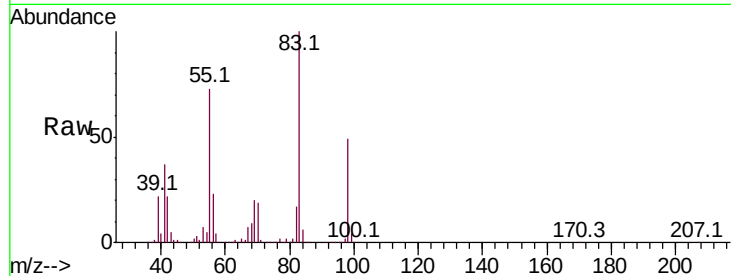




#39
Methylvlcyclohexane
Concen: 47.244 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

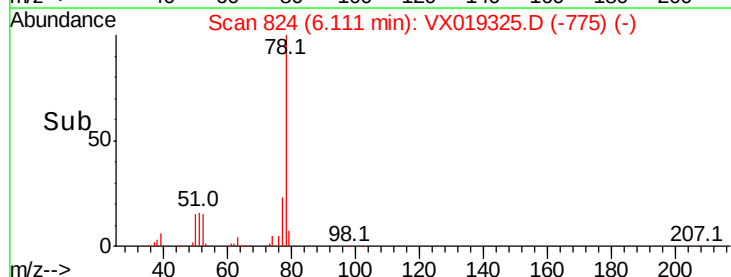
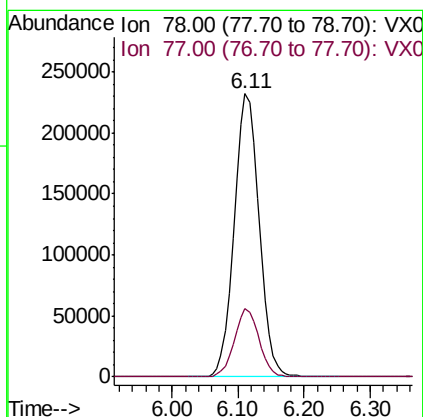
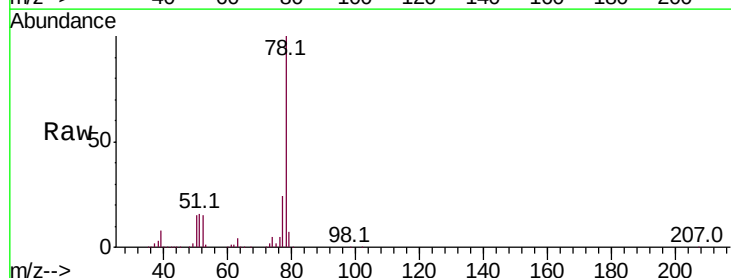
Instrument :
MSVOA_X
ClientSampleId :
FA2O-MMW3414MS

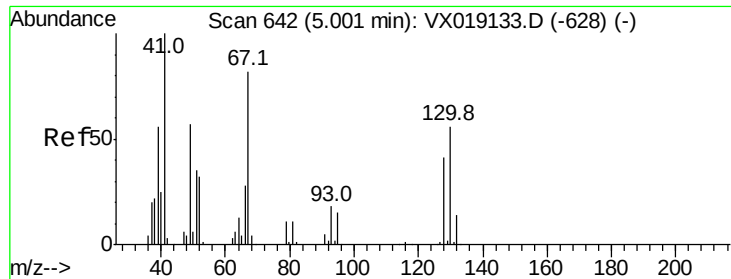
Tot Ion: 83 Resp: 224196
Ion Ratio Lower Upper
83 100
55 73.3 57.0 85.6
98 48.8 40.5 60.7



#40
Benzene
Concen: 53.836 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Tgt Ion: 78 Resp: 605806
Ion Ratio Lower Upper
78 100
77 24.1 18.7 28.1

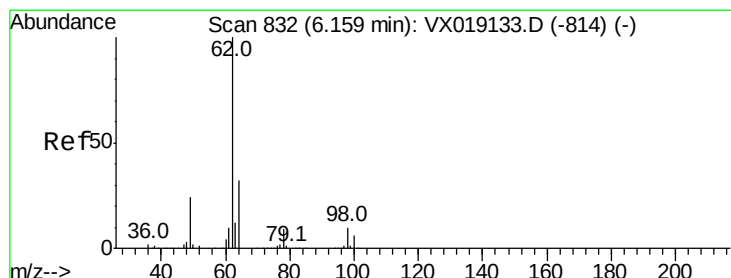
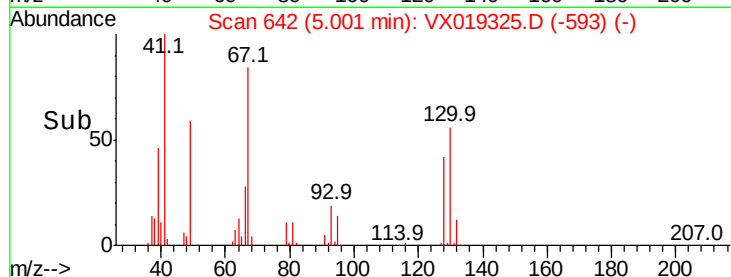
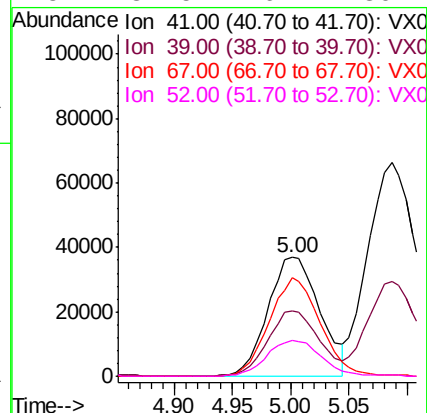
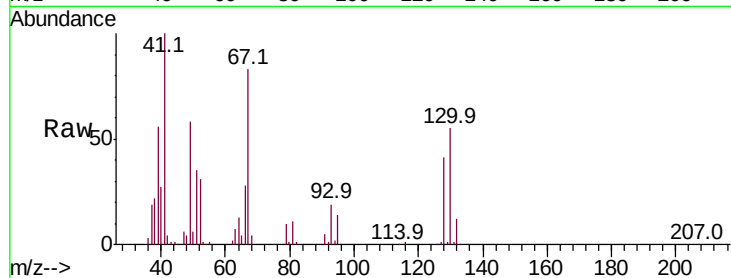




#41
Methacrylonitrile
Concen: 57.119 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

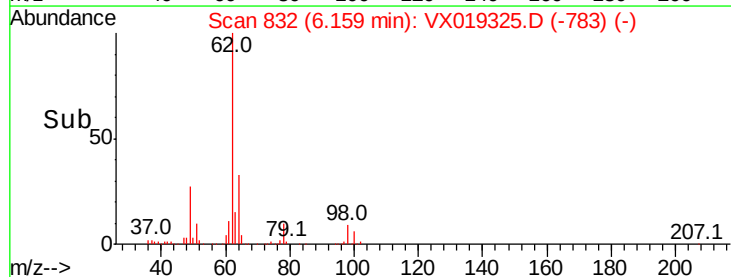
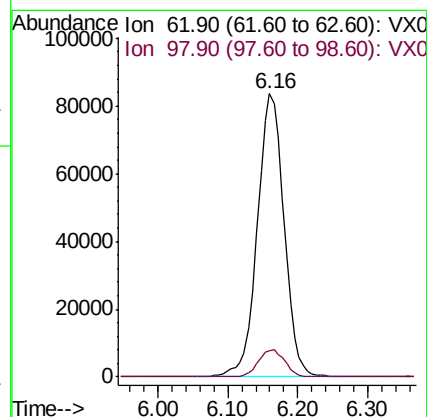
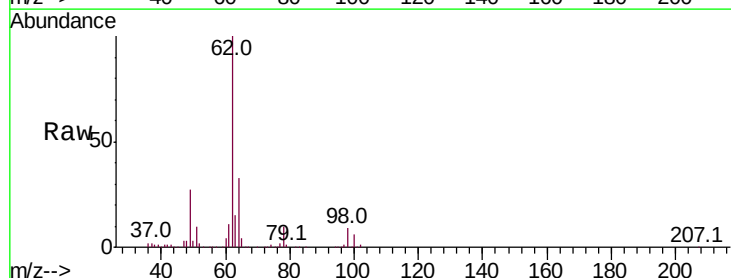
Instrument :
MSVOA_X
ClientSampleId :
FA2O-MMW3414MS

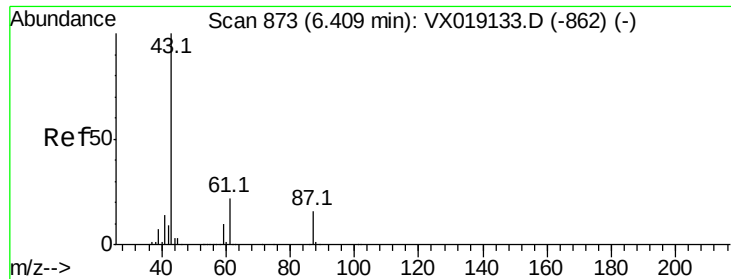
Tot Ion:	41	Resp:	113349
Ion	Ratio	Lower	Upper
41	100		
39	54.6	44.4	66.6
67	82.0	66.4	99.6
52	32.5	26.2	39.4



#42
1,2-Dichloroethane
Concen: 53.614 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Tgt Ion:	62	Resp:	222347
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.0





#43

Isopropyl Acetate

Concen: 54.996 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

FA2O-MMW3414MS

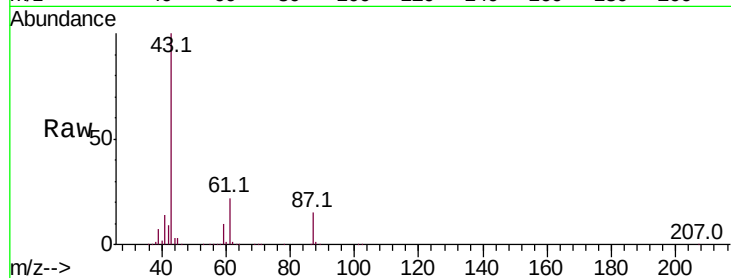
Tot Ion: 43 Resp: 339331

Ion Ratio Lower Upper

43 100

61 22.1 17.8 26.6

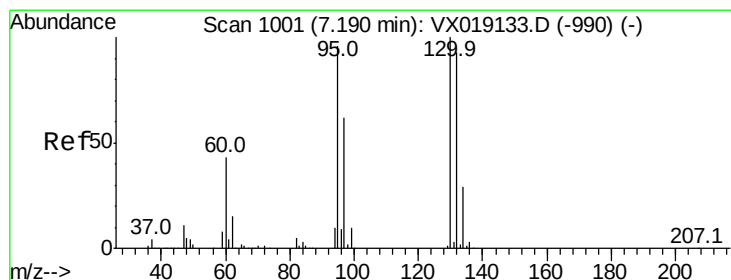
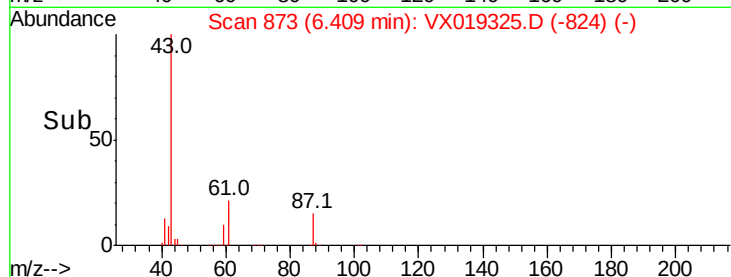
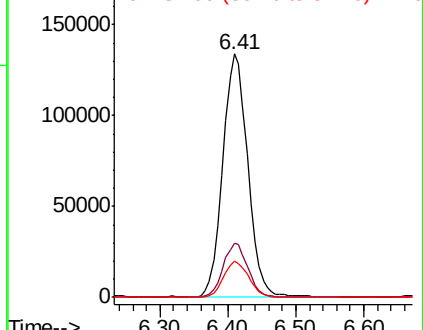
87 15.2 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 49.054 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX019325.D

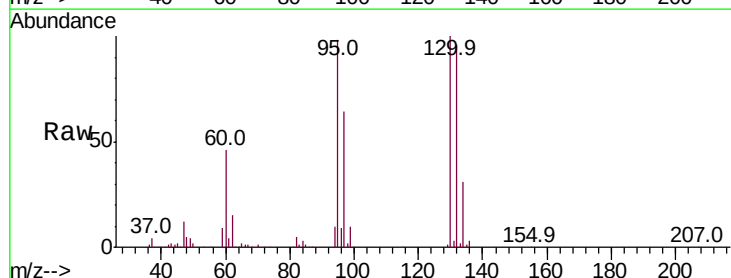
Acq: 05 Nov 2020 19:25

Tgt Ion:130 Resp: 158087

Ion Ratio Lower Upper

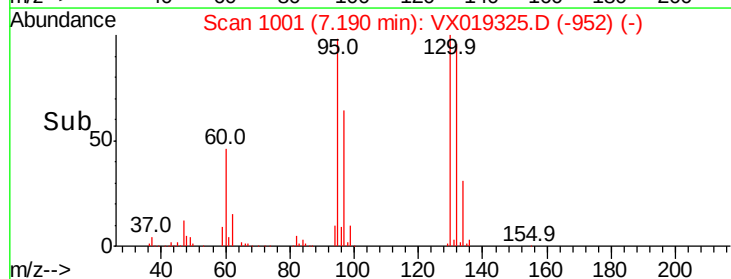
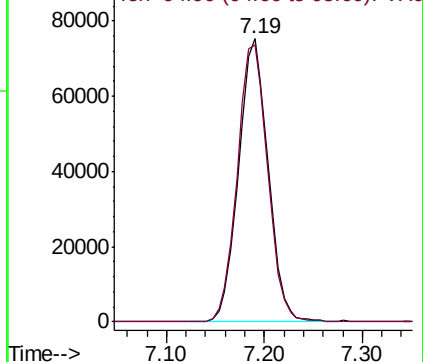
130 100

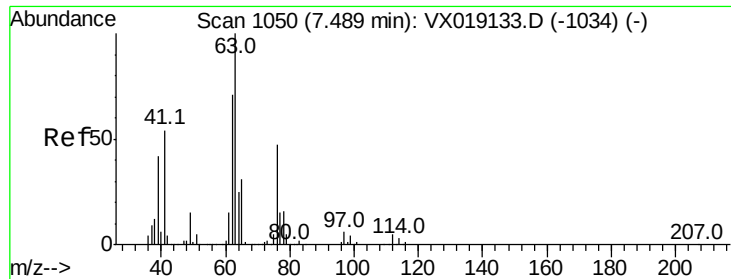
95 97.9 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 55.716 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

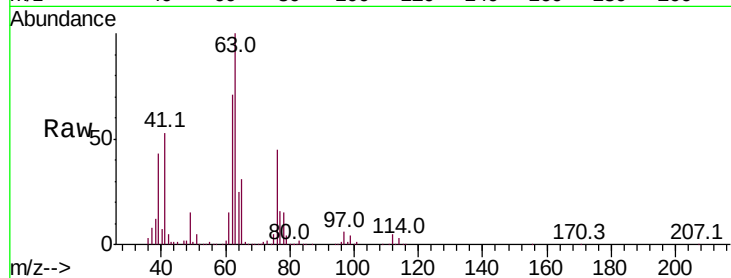
FA2O-MMW3414MS

Tot Ion: 63 Resp: 153563

Ion Ratio Lower Upper

63 100

65 30.9 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

80000

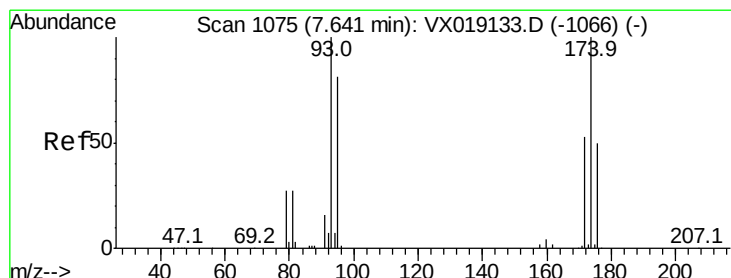
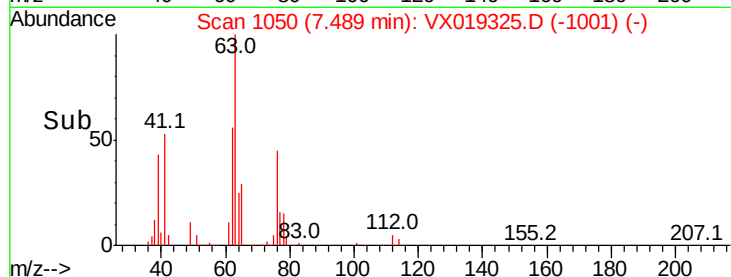
60000

40000

20000

0

Time--> 7.30 7.40 7.50 7.60 7.70



#46

Dibromomethane

Concen: 52.527 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

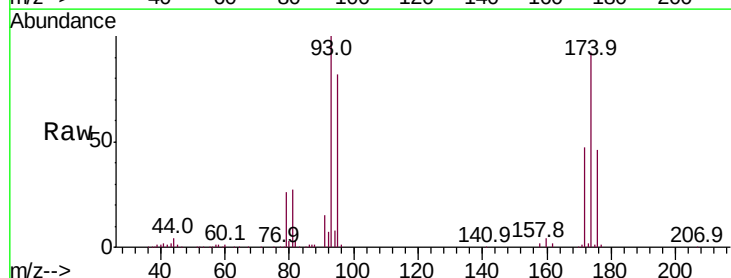
Tgt Ion: 93 Resp: 107056

Ion Ratio Lower Upper

93 100

95 83.4 67.0 100.6

174 98.6 81.7 122.5



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

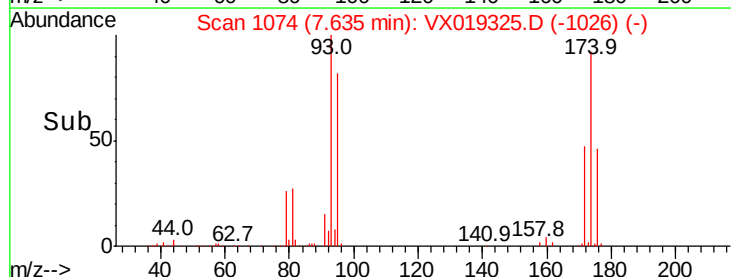
60000

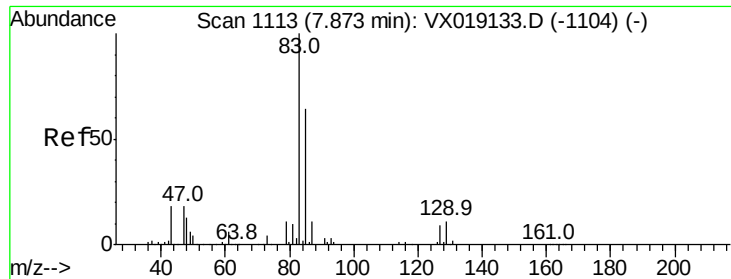
40000

20000

0

Time--> 7.60 7.70





#47

Bromodichloromethane

Concen: 53.776 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

FA2O-MMW3414MS

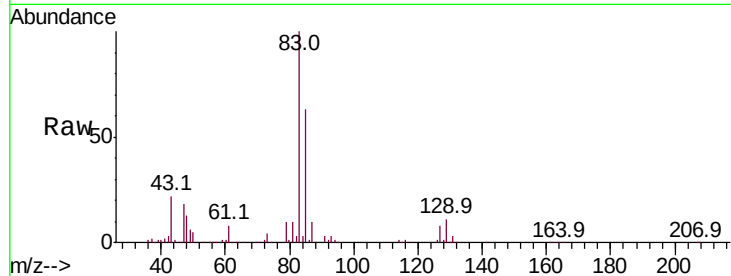
Tot Ion: 83 Resp: 216029

Ion Ratio Lower Upper

83 100

85 63.3 51.2 76.8

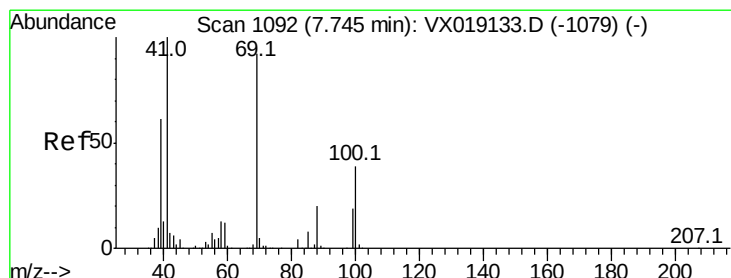
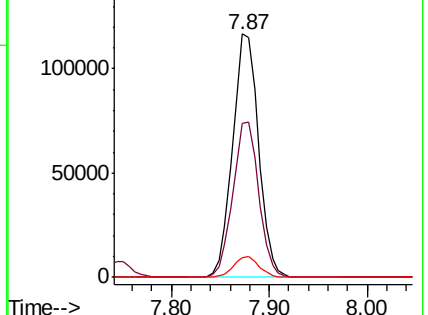
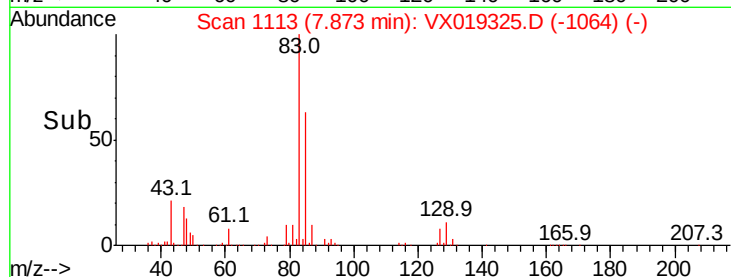
127 7.9 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 57.903 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

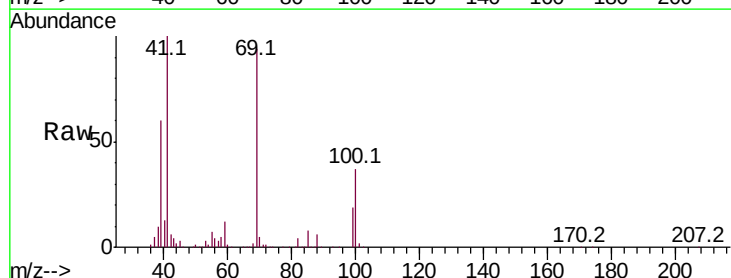
Tgt Ion: 41 Resp: 171958

Ion Ratio Lower Upper

41 100

69 92.7 75.5 113.3

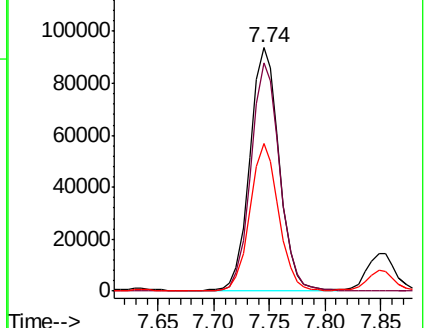
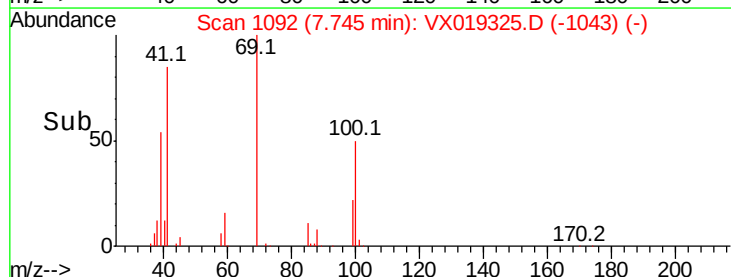
39 59.1 48.9 73.3

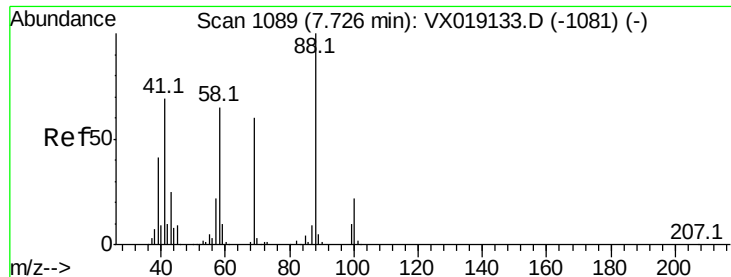


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1316.235 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

FA2O-MMW3414MS

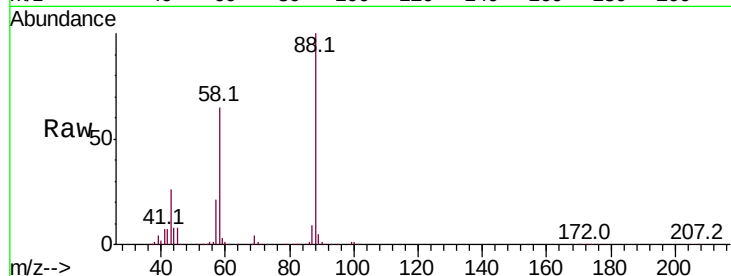
Tot Ion: 88 Resp: 86929

Ion Ratio Lower Upper

88 100

43 30.0 23.0 34.6

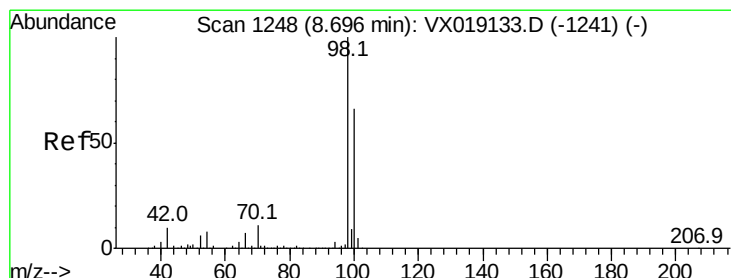
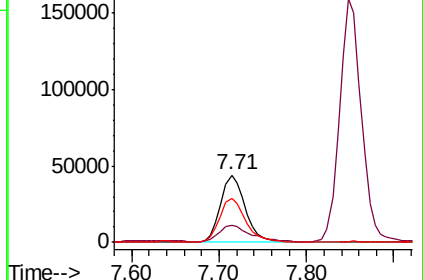
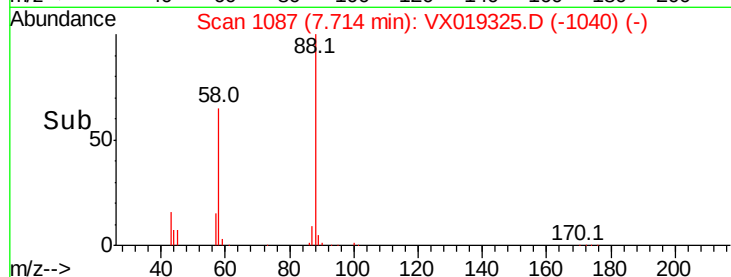
58 67.6 52.2 78.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.740 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019325.D

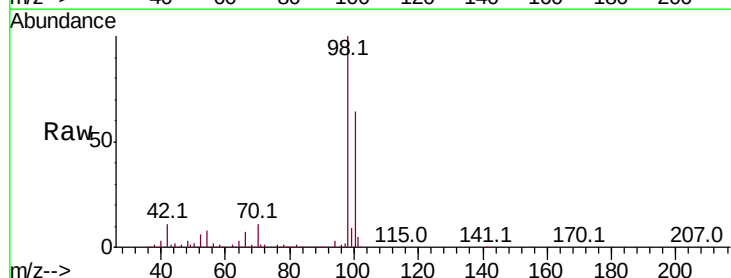
Acq: 05 Nov 2020 19:25

Tgt Ion: 98 Resp: 496018

Ion Ratio Lower Upper

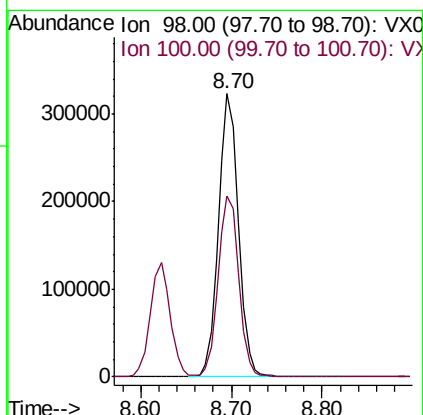
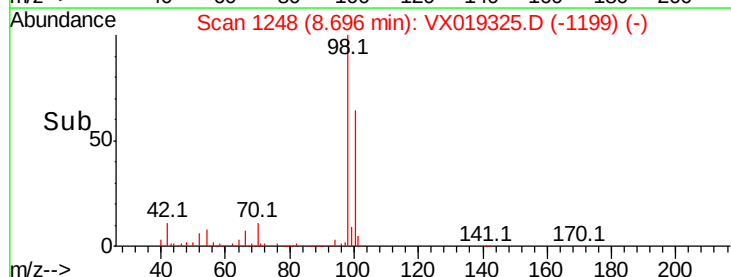
98 100

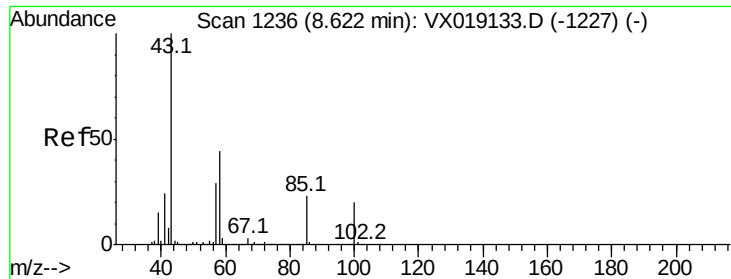
100 66.5 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 302.057 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

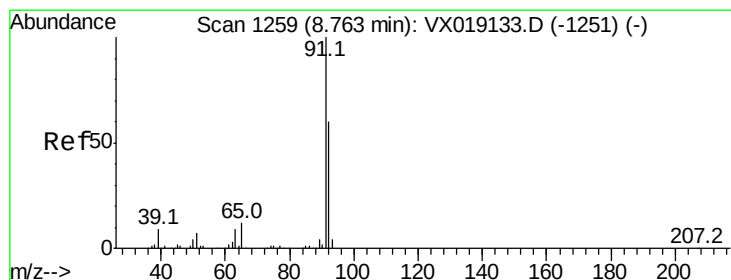
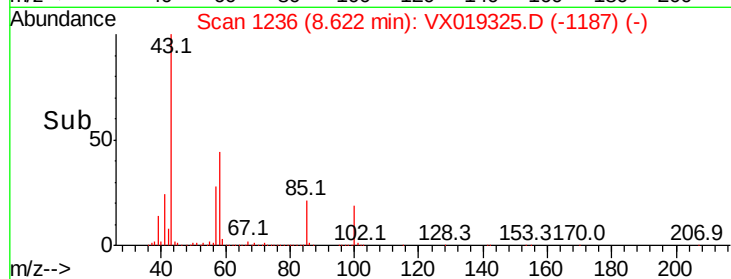
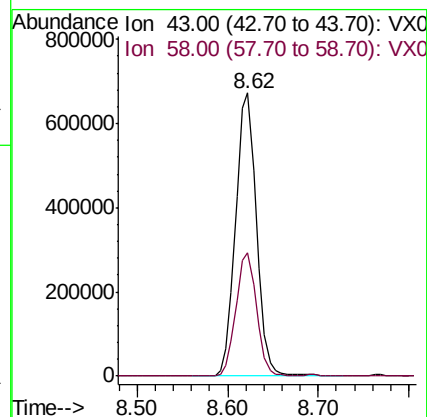
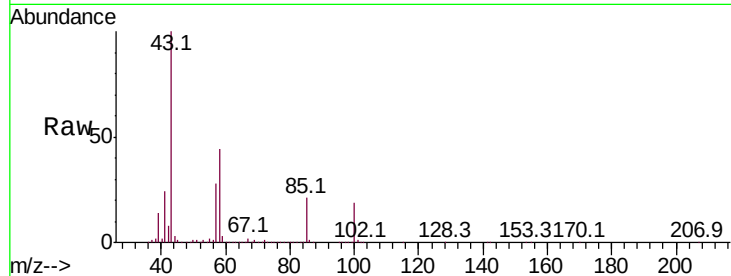
FA2O-MMW3414MS

Tot Ion: 43 Resp: 1071178

Ion Ratio Lower Upper

43 100

58 43.4 35.0 52.4



#52

Toluene

Concen: 59.181 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019325.D

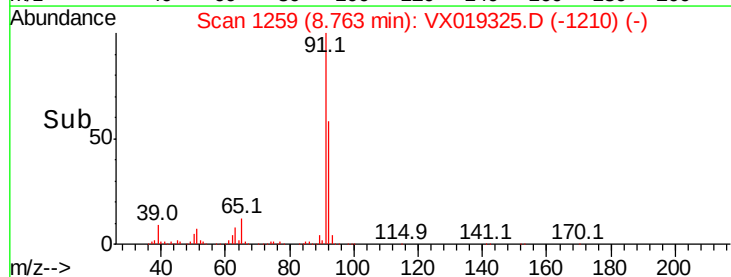
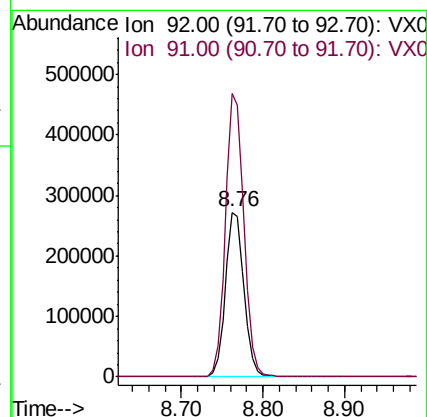
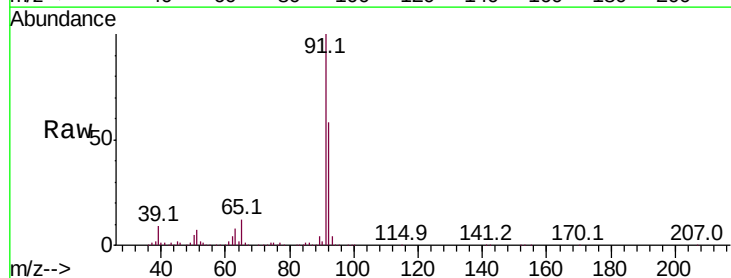
Acq: 05 Nov 2020 19:25

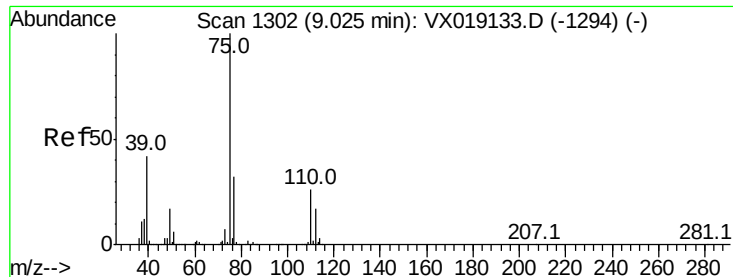
Tgt Ion: 92 Resp: 428913

Ion Ratio Lower Upper

92 100

91 171.4 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 51.998 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

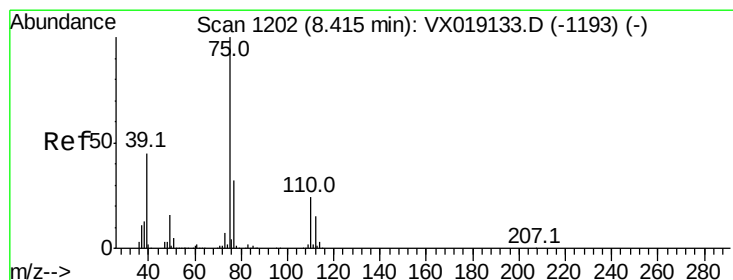
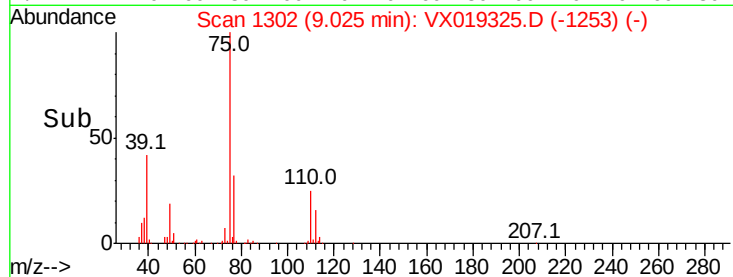
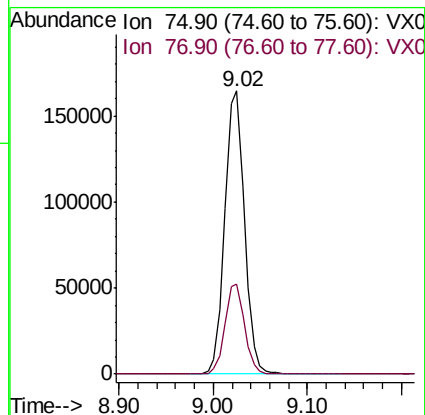
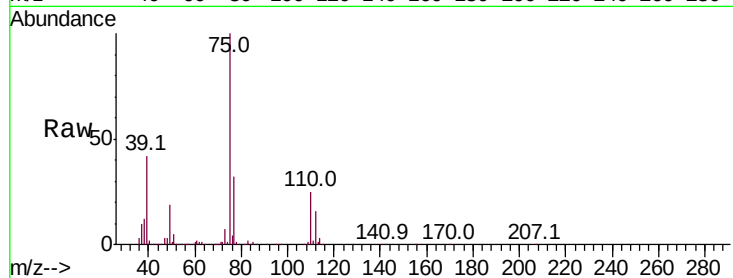
FA2O-MMW3414MS

Tot Ion: 75 Resp: 238587

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 52.059 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

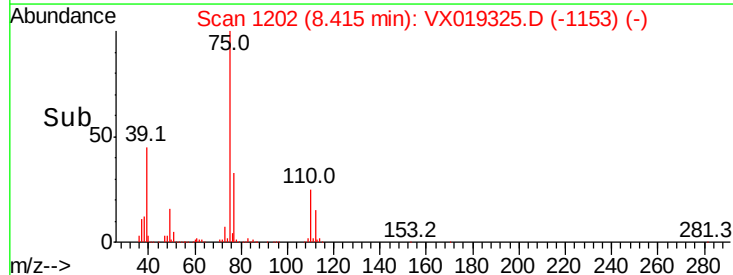
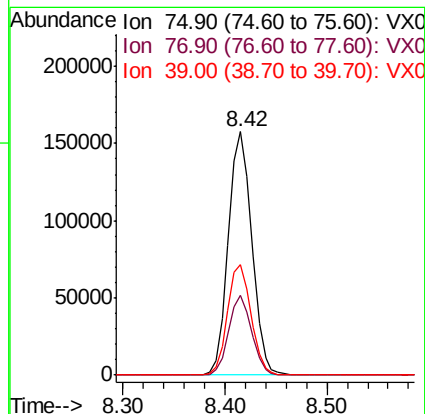
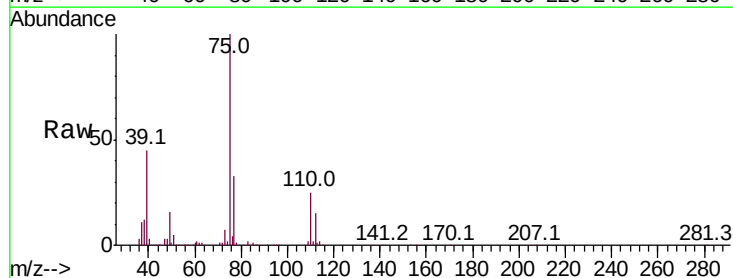
Tgt Ion: 75 Resp: 251182

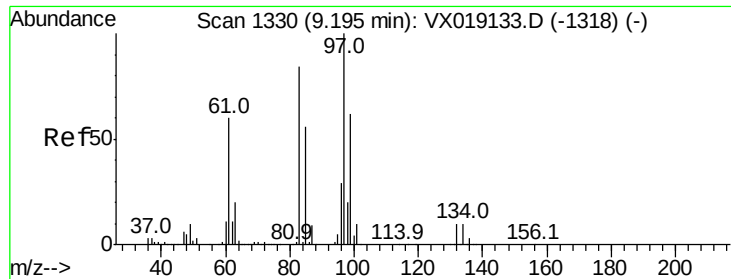
Ion Ratio Lower Upper

75 100

77 32.6 25.5 38.3

39 45.2 36.2 54.2

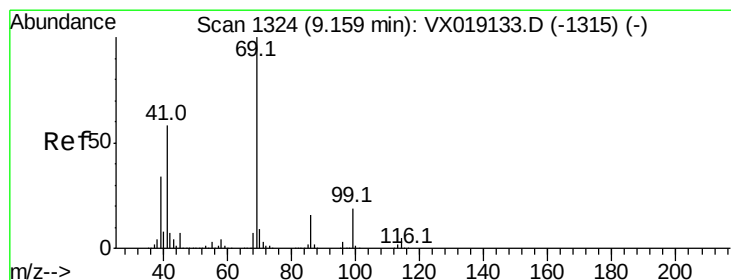
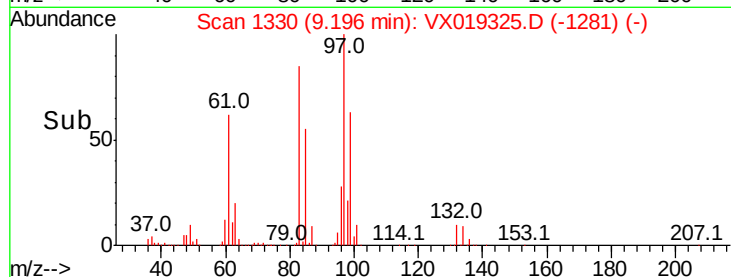
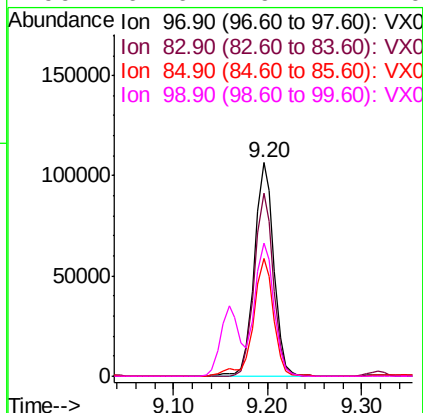
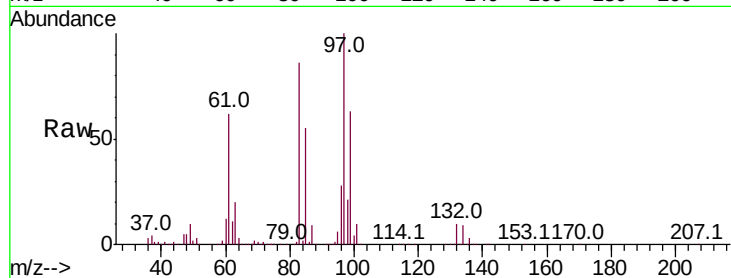




#55
 1,1,2-Trichloroethane
 Concen: 54.615 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019325.D
 Acq: 05 Nov 2020 19:25

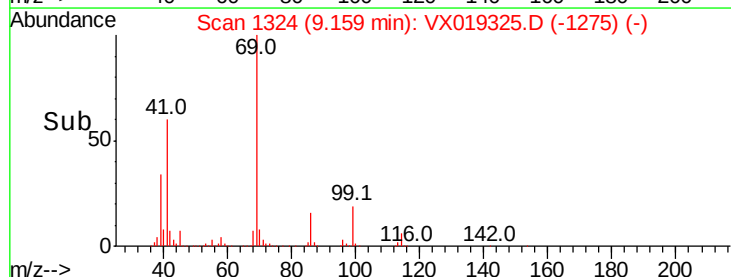
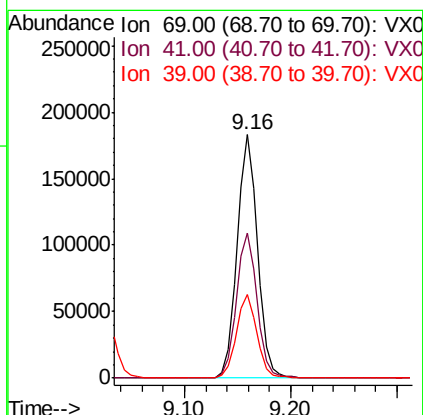
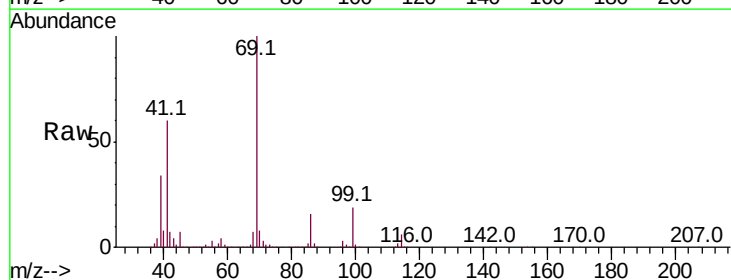
Instrument :
 MSVOA_X
 ClientSampleId :
 FA2O-MMW3414MS

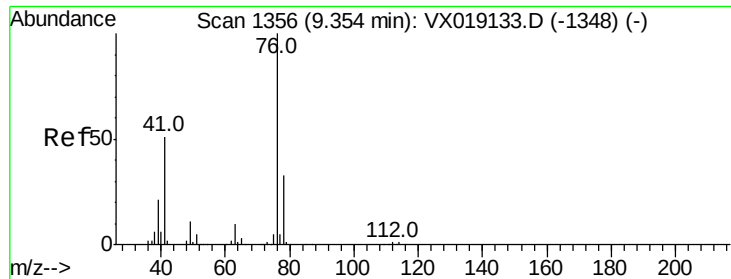
Tot Ion:	97	Resp:	156393
Ion	Ratio	Lower	Upper
97	100		
83	85.5	67.2	100.8
85	55.3	44.6	67.0
99	62.6	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 57.199 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019325.D
 Acq: 05 Nov 2020 19:25

Tgt Ion:	69	Resp:	247403
Ion	Ratio	Lower	Upper
69	100		
41	59.9	46.5	69.7
39	33.9	27.6	41.4

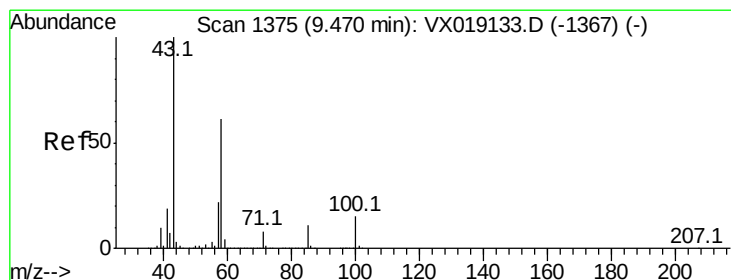
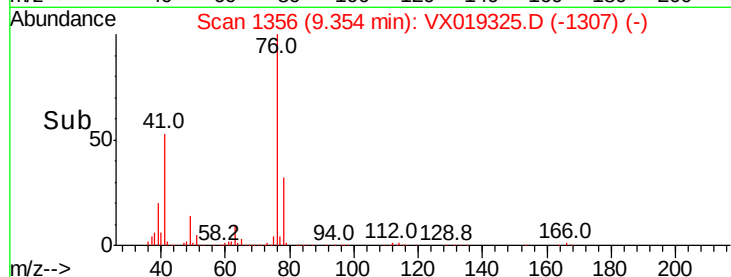
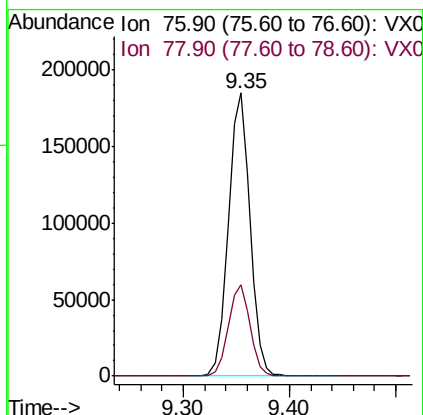
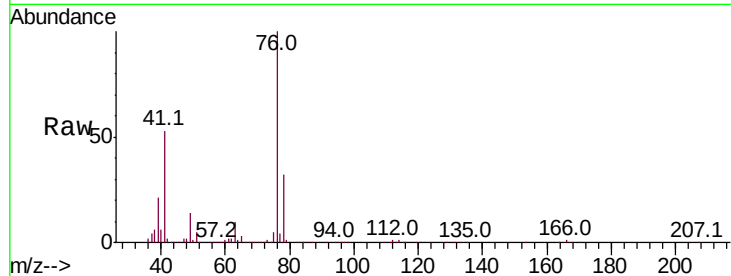




#57
 1,3-Dichloropropane
 Concen: 54.533 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX019325.D
 Acq: 05 Nov 2020 19:25

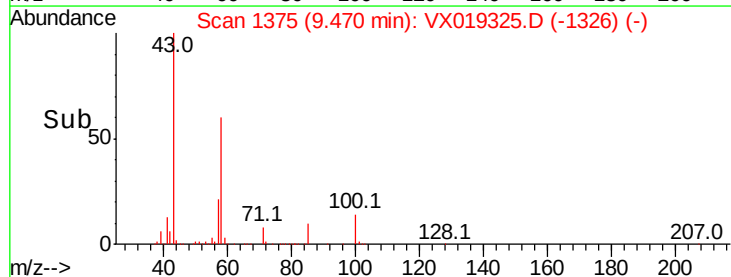
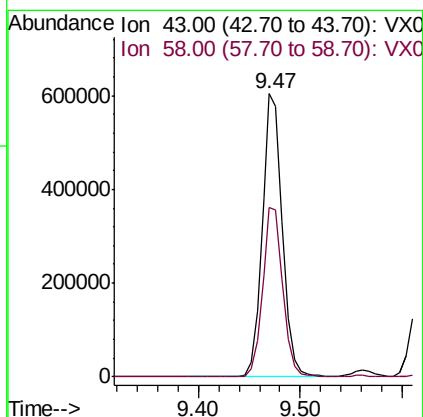
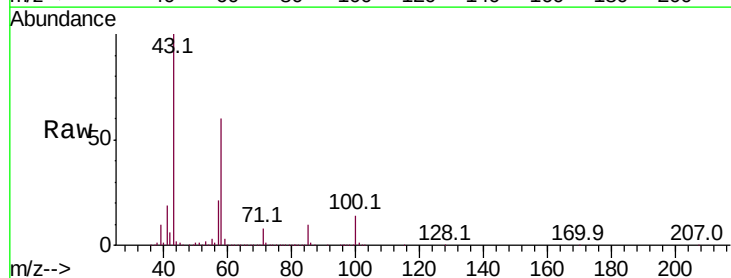
Instrument :
 MSVOA_X
 ClientSampleId :
 FA2O-MMW3414MS

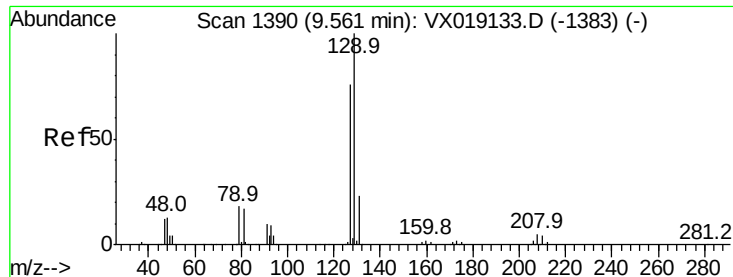
Tot Ion: 76 Resp: 263284
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.9 38.9



#59
 2-Hexanone
 Concen: 305.752 ug/l
 RT: 9.47 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: VX019325.D
 Acq: 05 Nov 2020 19:25

Tgt Ion: 43 Resp: 825366
 Ion Ratio Lower Upper
 43 100
 58 60.3 30.5 91.5





#60

Dibromochloromethane

Concen: 53.084 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

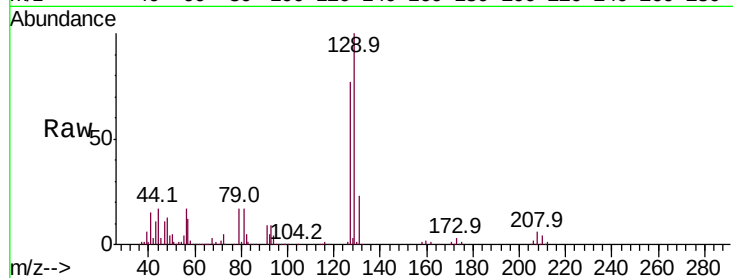
FA2O-MMW3414MS

Tot Ion:129 Resp: 164970

Ion Ratio Lower Upper

129 100

127 77.3 38.6 115.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

120000

100000

80000

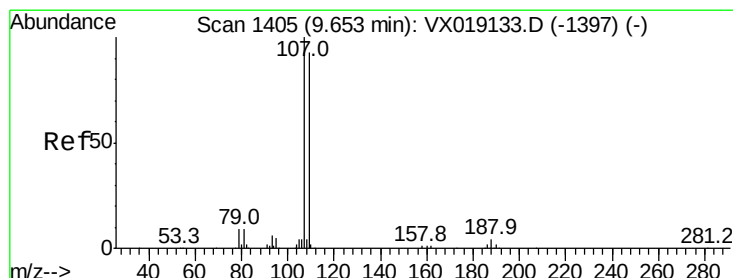
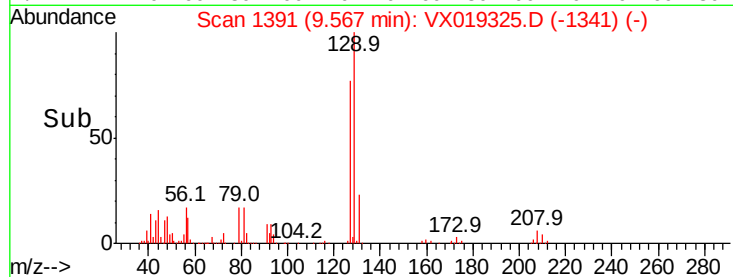
60000

40000

20000

0

Time-->



#61

1,2-Dibromoethane

Concen: 54.183 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019325.D

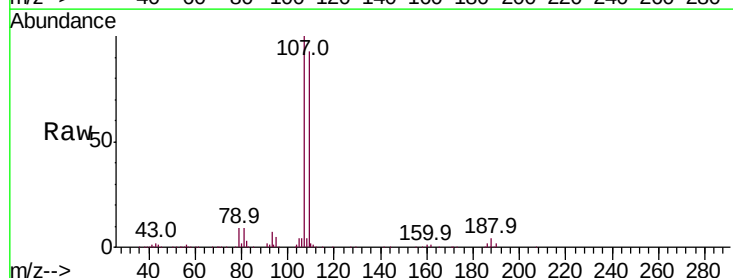
Acq: 05 Nov 2020 19:25

Tgt Ion:107 Resp: 165917

Ion Ratio Lower Upper

107 100

109 92.7 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

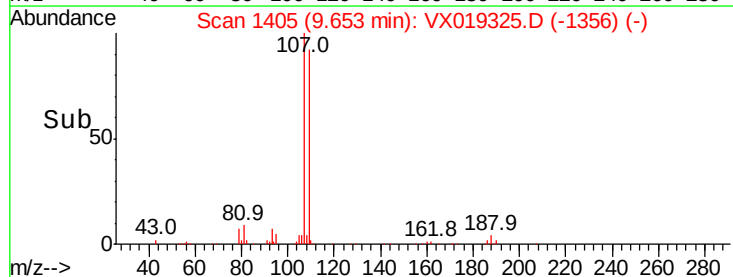
9.65

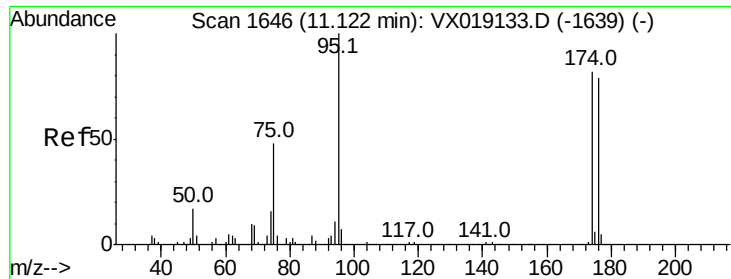
100000

50000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 51.473 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

FA2O-MMW3414MS

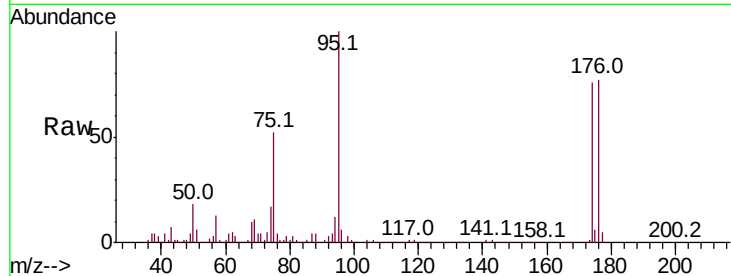
Tot Ion: 95 Resp: 198378

Ion Ratio Lower Upper

95 100

174 76.5 0.0 156.0

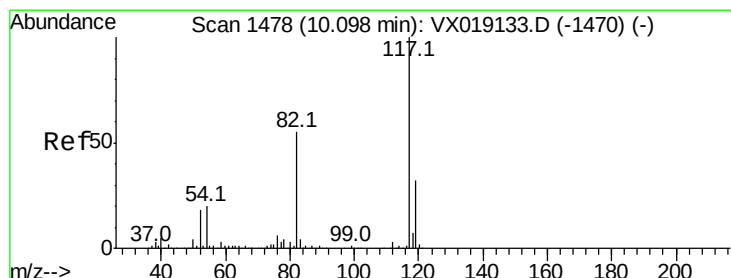
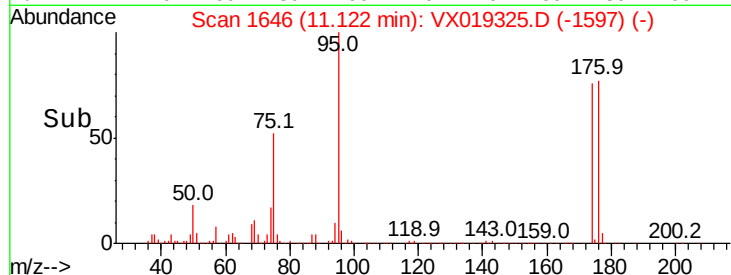
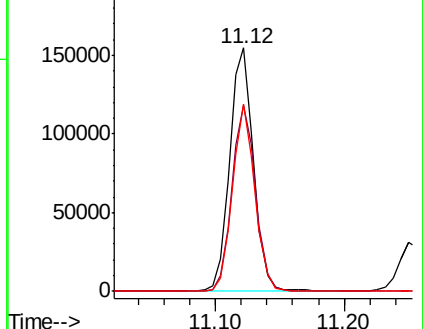
176 73.1 0.0 149.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

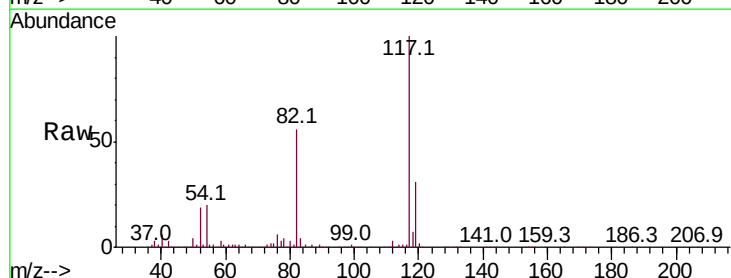
Tgt Ion: 117 Resp: 398262

Ion Ratio Lower Upper

117 100

82 55.6 43.6 65.4

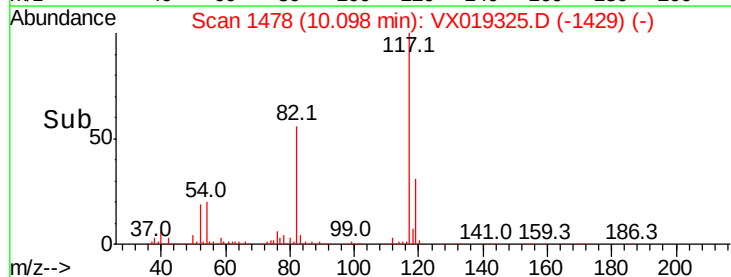
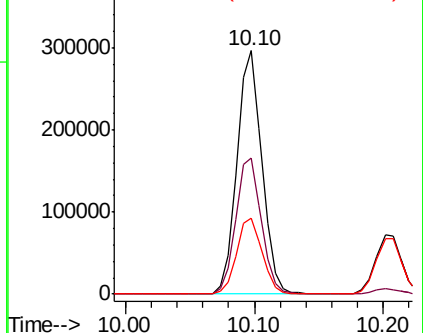
119 31.3 25.5 38.3

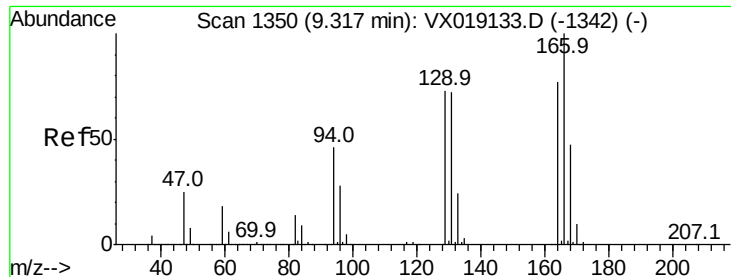


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 43.400 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

FA2O-MMW3414MS

Tot Ion:164 Resp: 131690

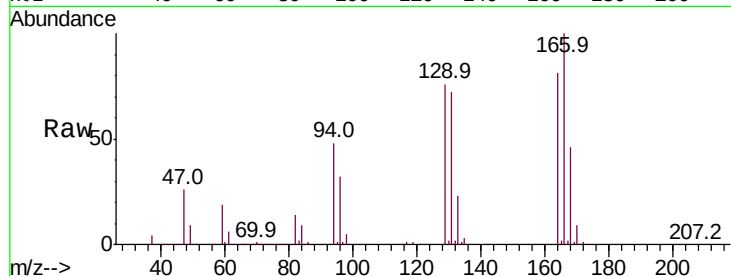
Ion Ratio Lower Upper

164 100

166 124.1 104.1 156.1

129 94.1 76.2 114.4

131 89.4 74.6 112.0

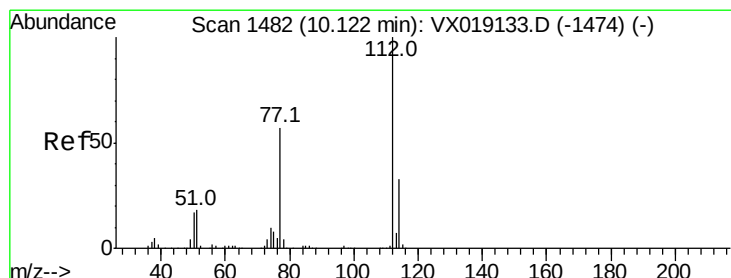
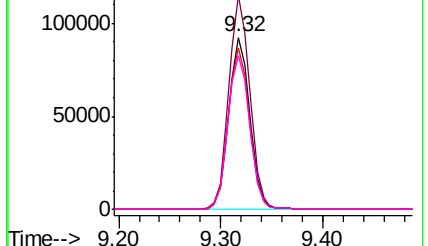
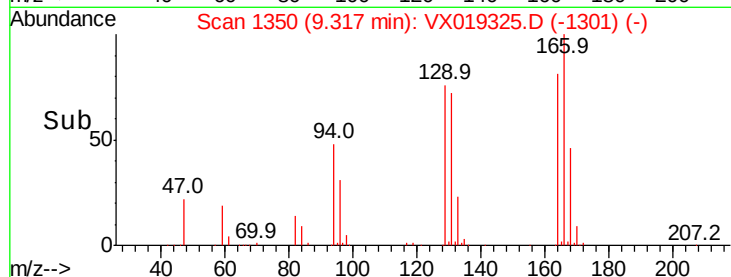


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 49.317 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX019325.D

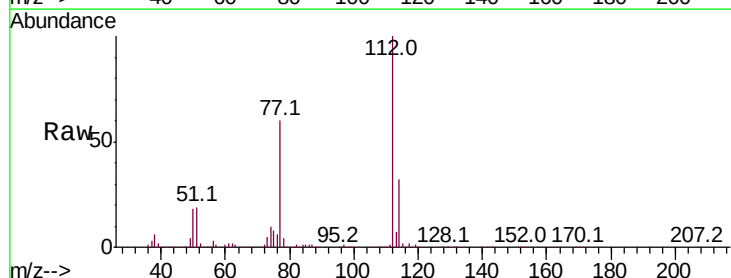
Acq: 05 Nov 2020 19:25

Tgt Ion:112 Resp: 401449

Ion Ratio Lower Upper

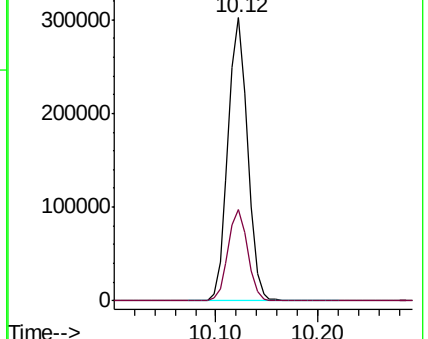
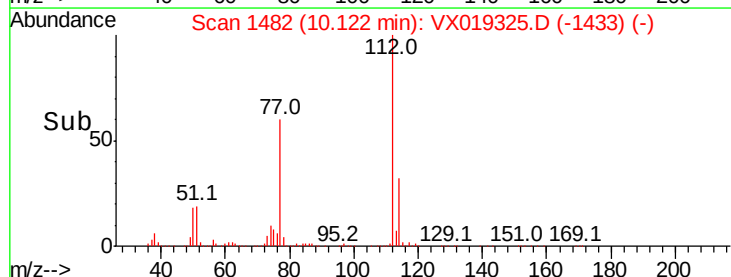
112 100

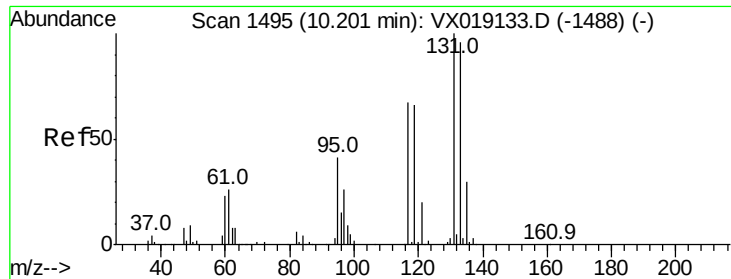
114 32.1 26.1 39.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 50.120 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

FA2O-MMW3414MS

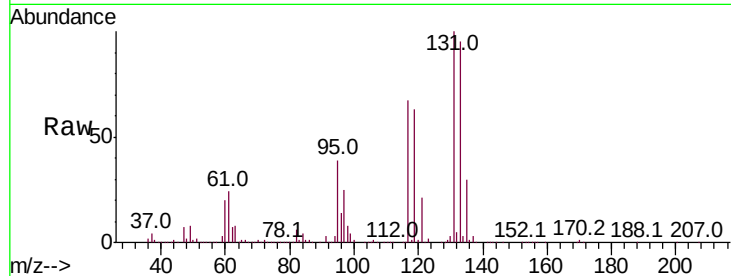
Tot Ion:131 Resp: 146875

Ion Ratio Lower Upper

131 100

133 96.8 47.3 141.8

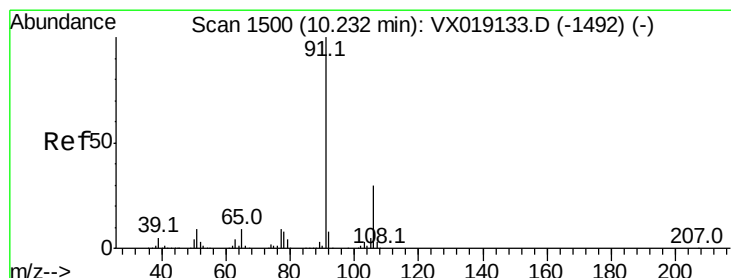
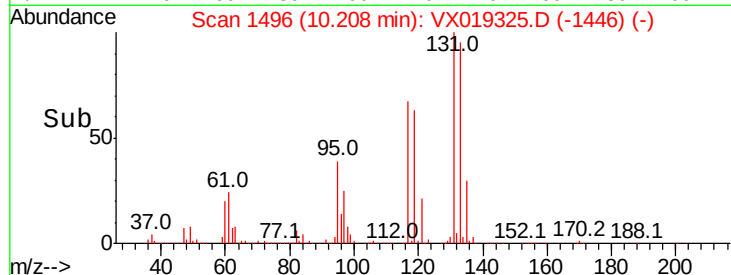
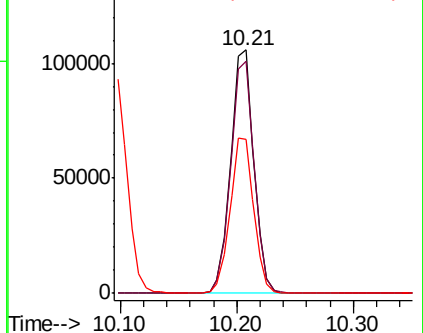
119 64.9 32.3 96.9



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 52.882 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019325.D

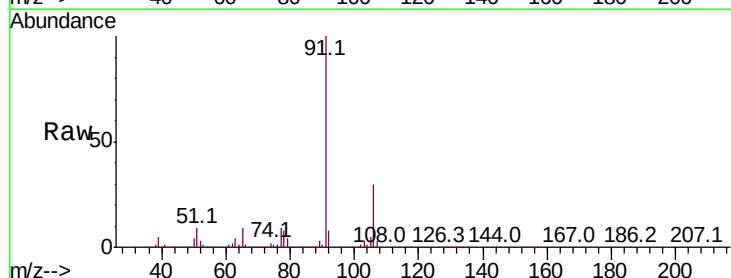
Acq: 05 Nov 2020 19:25

Tgt Ion: 91 Resp: 767054

Ion Ratio Lower Upper

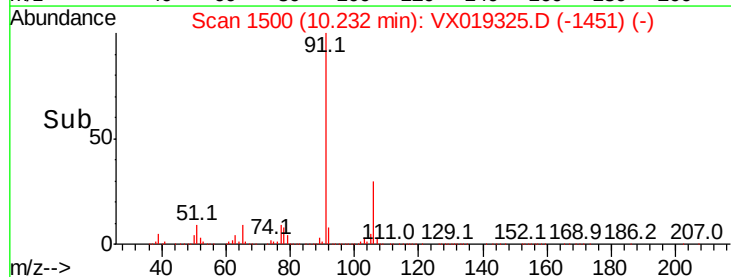
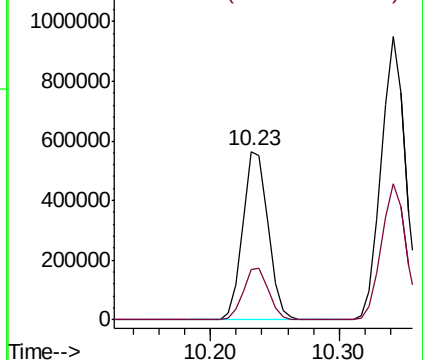
91 100

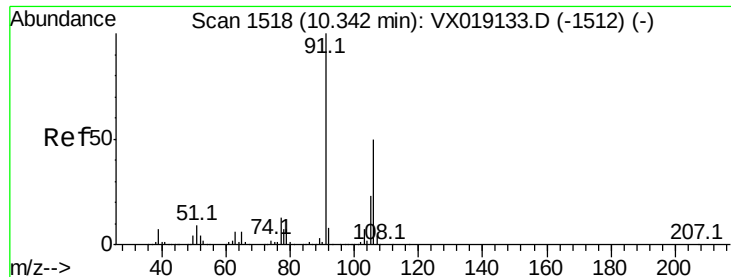
106 30.2 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 110.988 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

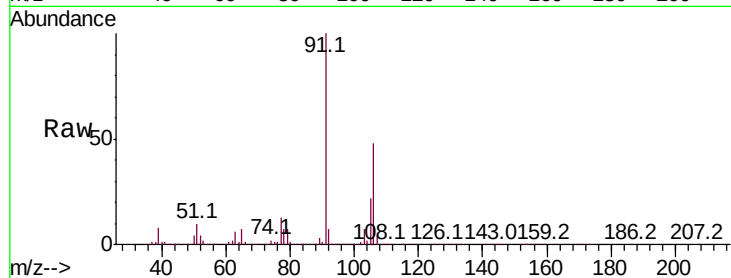
FA2O-MMW3414MS

Tot Ion:106 Resp: 604216

Ion Ratio Lower Upper

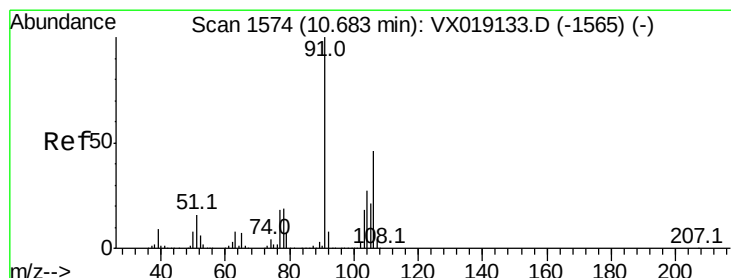
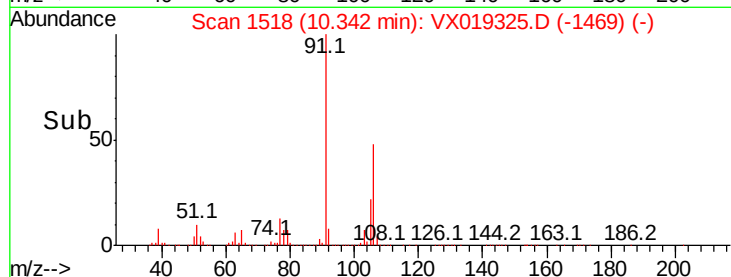
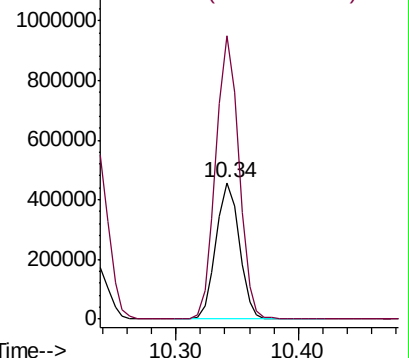
106 100

91 205.4 161.0 241.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 56.378 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX019325.D

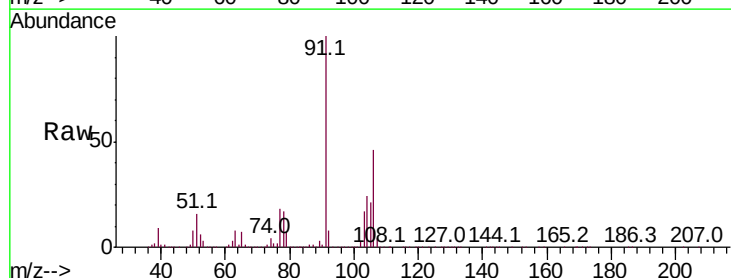
Acq: 05 Nov 2020 19:25

Tgt Ion:106 Resp: 291111

Ion Ratio Lower Upper

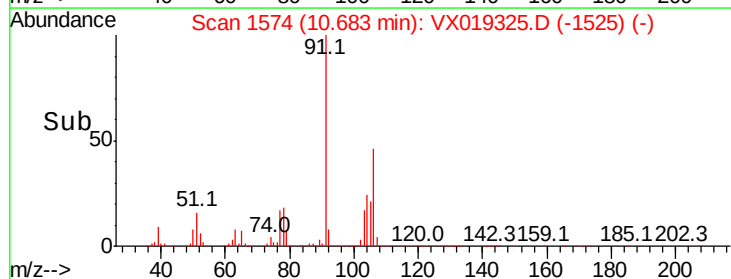
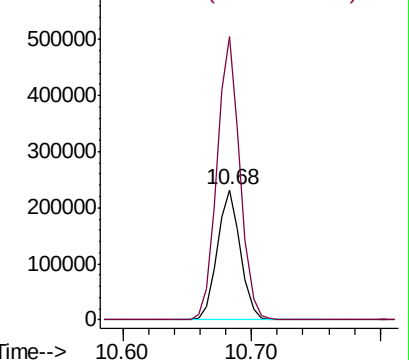
106 100

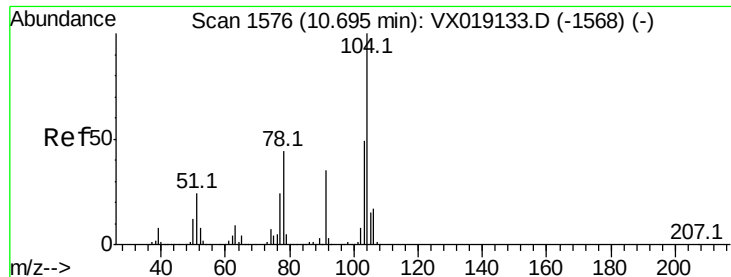
91 215.2 108.3 324.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

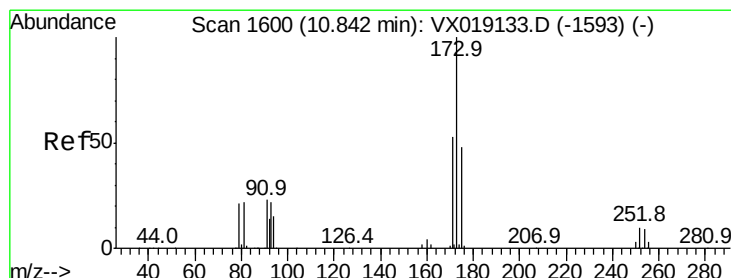
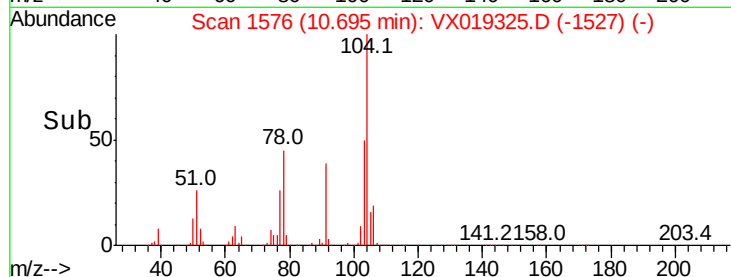
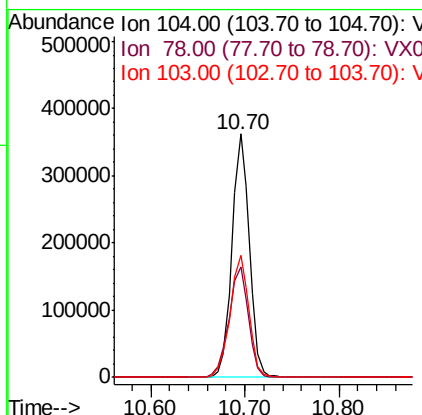
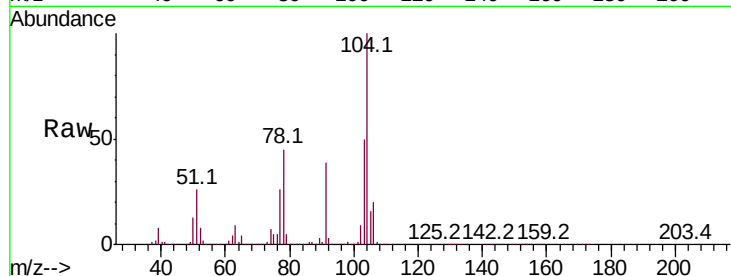




#70
Stvrene
Concen: 52.440 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

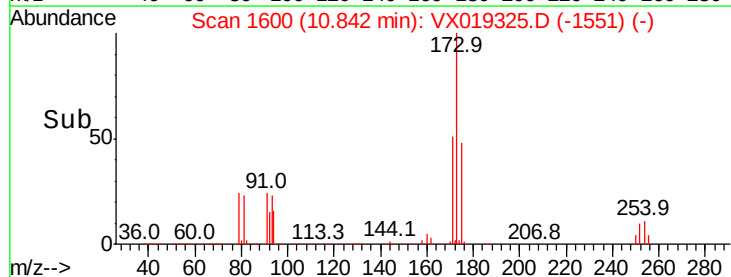
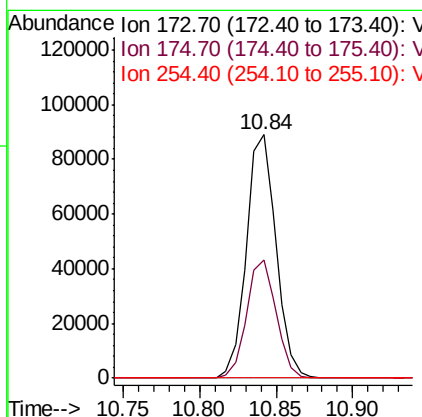
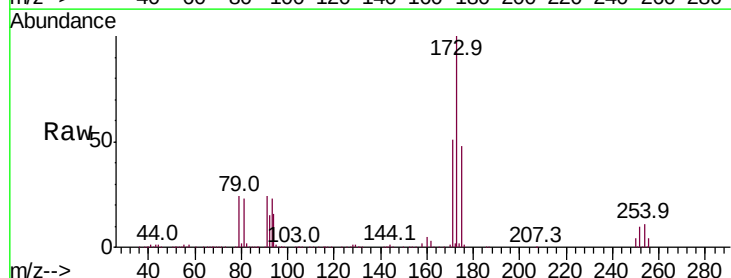
Instrument :
MSVOA_X
ClientSampleId :
FA2O-MMW3414MS

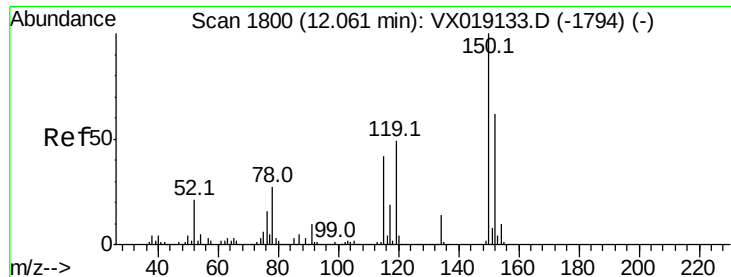
Tot Ion	Ratio	Lower	Upper
104	100		
78	51.2	40.0	60.0
103	54.5	43.5	65.3



#71
Bromoform
Concen: 51.187 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.4	73.4
254	0.1	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

FA2O-MMW3414MS

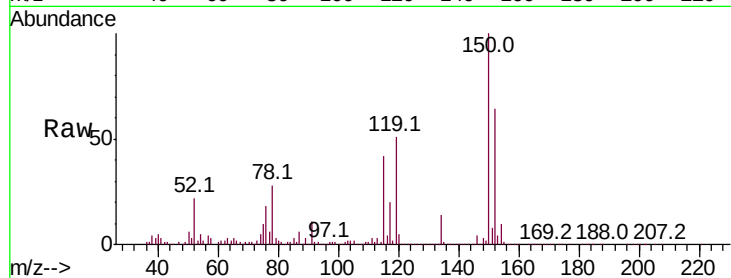
Tot Ion:152 Resp: 205036

Ion Ratio Lower Upper

152 100

115 84.2 41.9 125.7

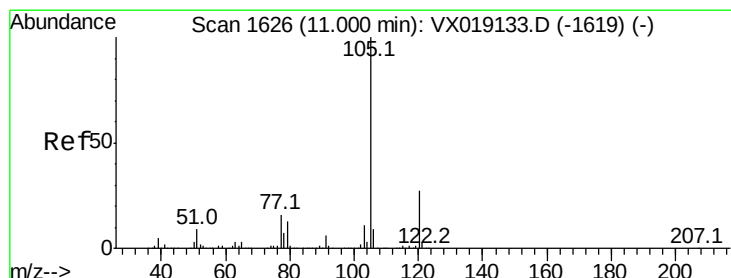
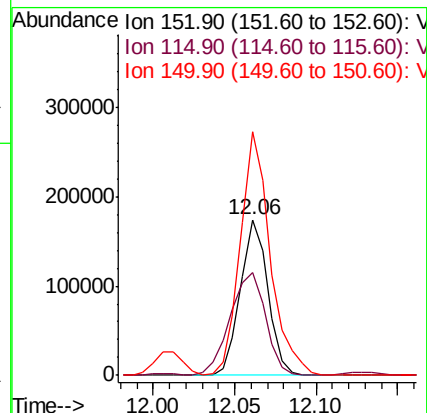
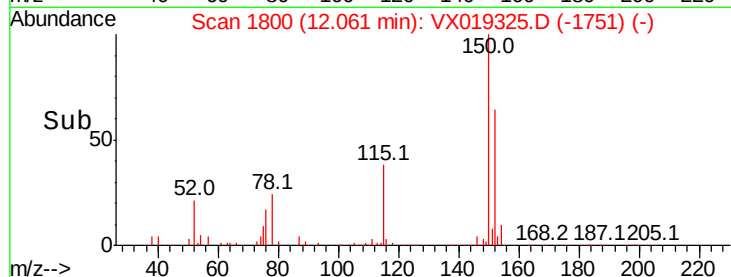
150 170.6 0.0 347.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 48.757 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019325.D

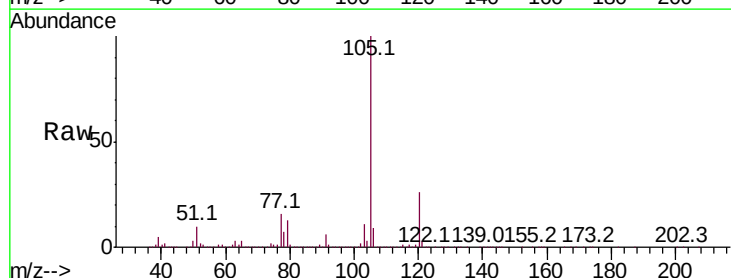
Acq: 05 Nov 2020 19:25

Tgt Ion:105 Resp: 707641

Ion Ratio Lower Upper

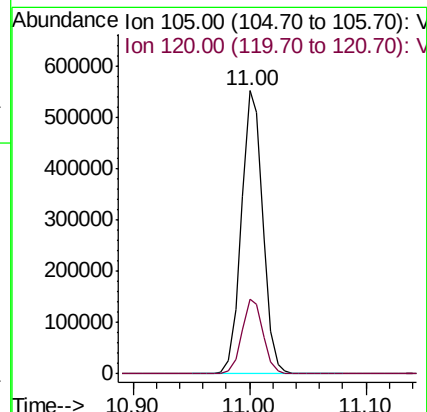
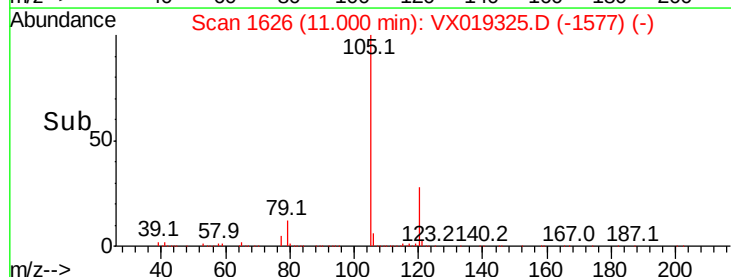
105 100

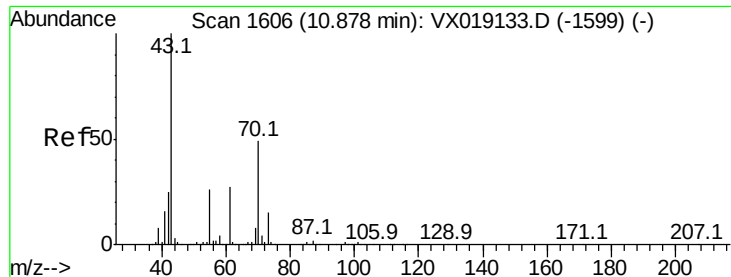
120 26.1 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 56.098 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

FA2O-MMW3414MS

Tot Ion: 43 Resp: 297688

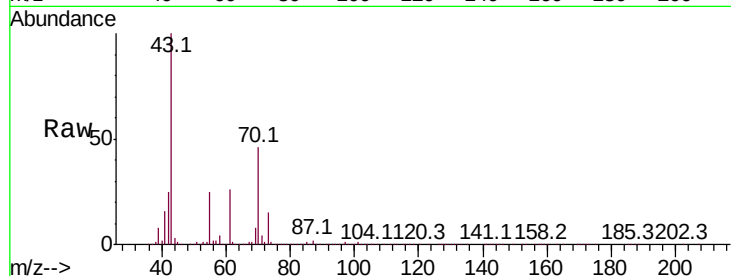
Ion Ratio Lower Upper

43 100

70 49.0 39.6 59.4

55 28.5 20.7 31.1

61 26.5 21.9 32.9

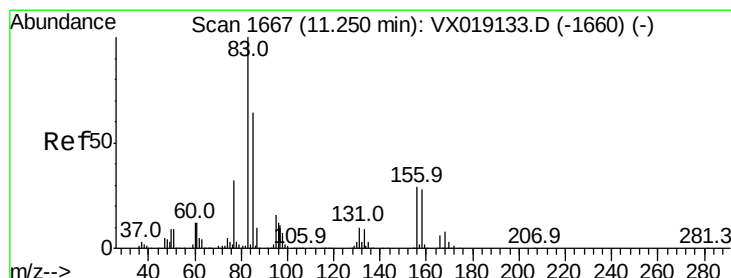
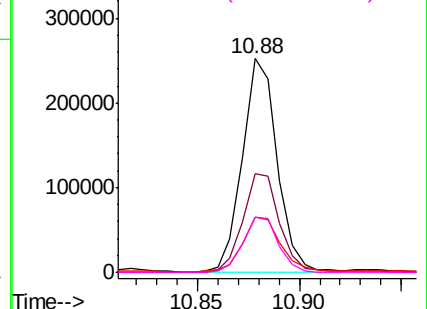
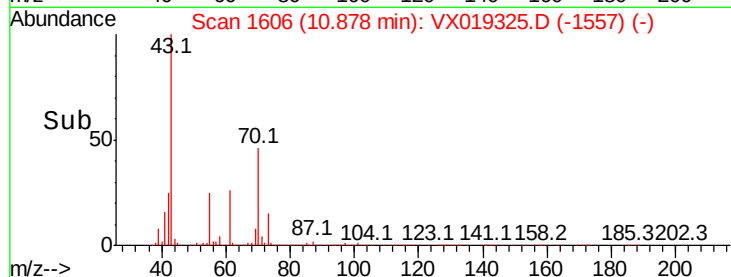


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 56.095 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

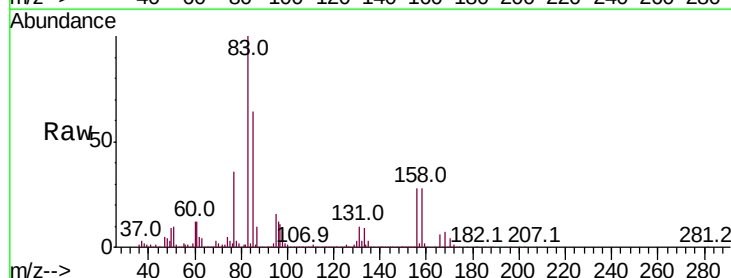
Tgt Ion: 83 Resp: 254436

Ion Ratio Lower Upper

83 100

131 10.1 5.2 15.6

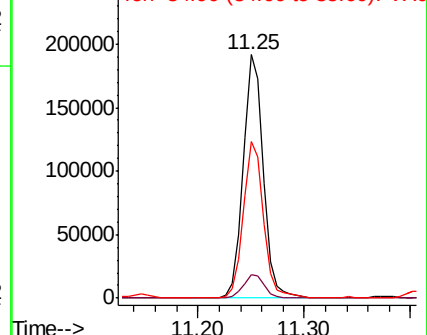
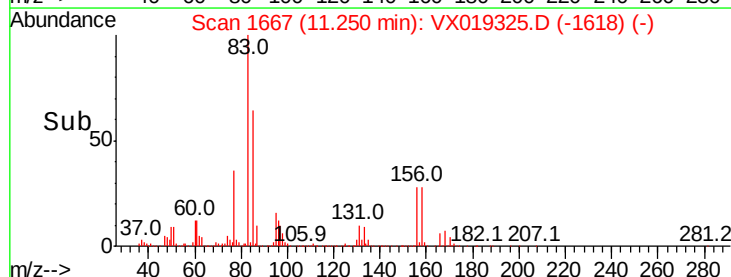
85 64.9 32.1 96.3

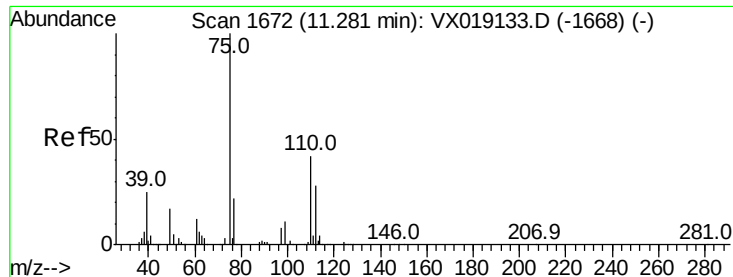


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 68.808 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

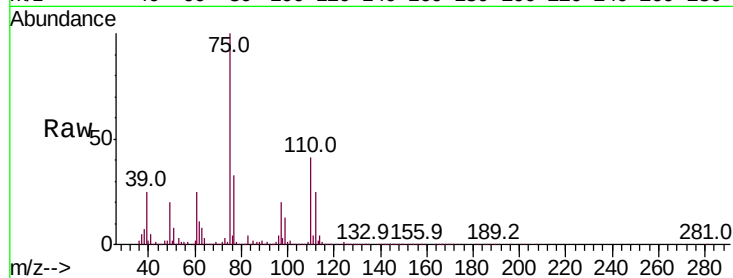
FA2O-MMW3414MS

Tot Ion: 75 Resp: 291302

Ion Ratio Lower Upper

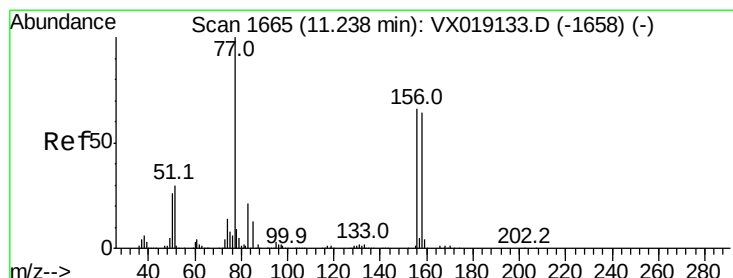
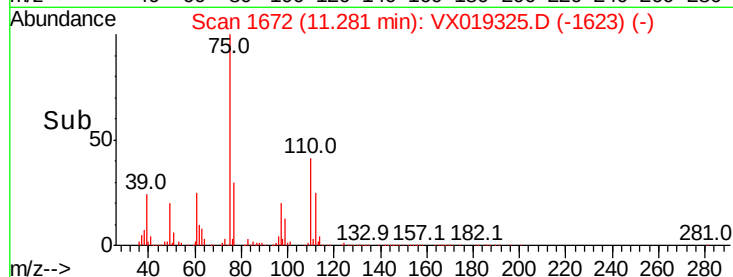
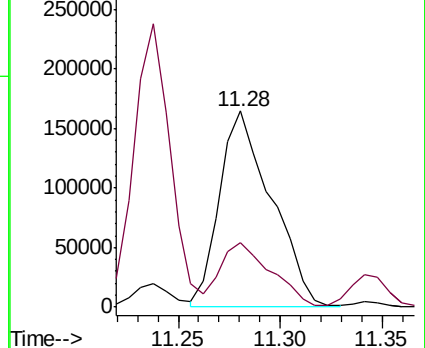
75 100

77 32.0 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 48.313 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

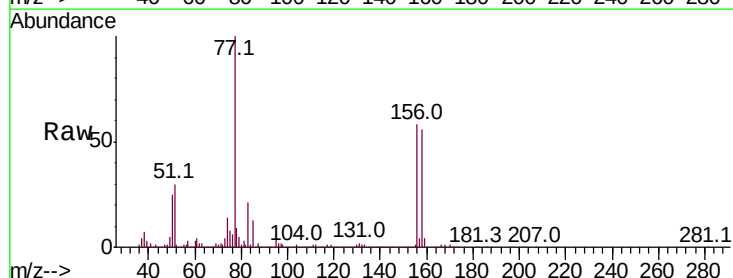
Tgt Ion: 156 Resp: 174028

Ion Ratio Lower Upper

156 100

77 170.2 77.7 233.1

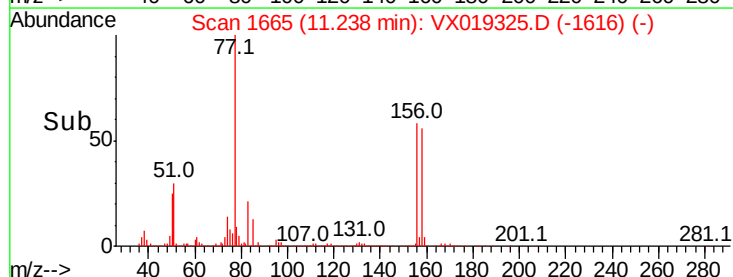
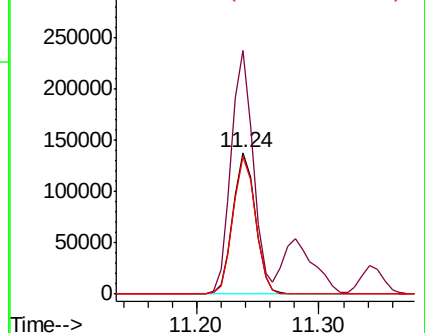
158 98.0 48.3 144.8

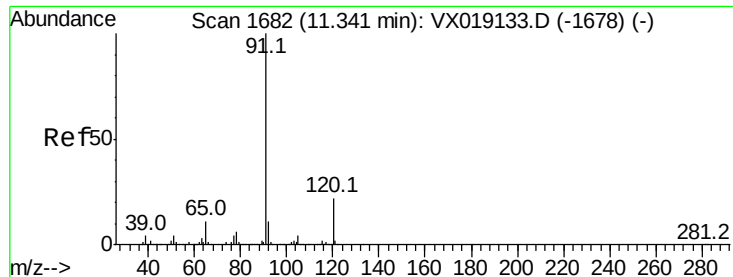


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 50.996 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

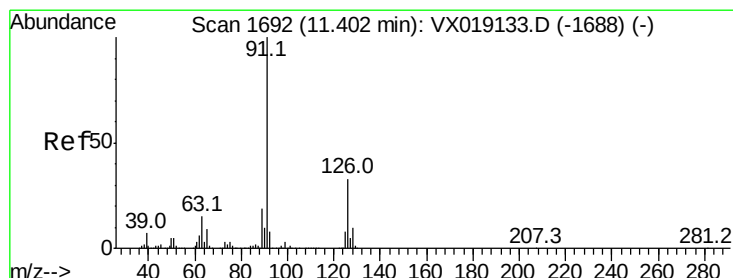
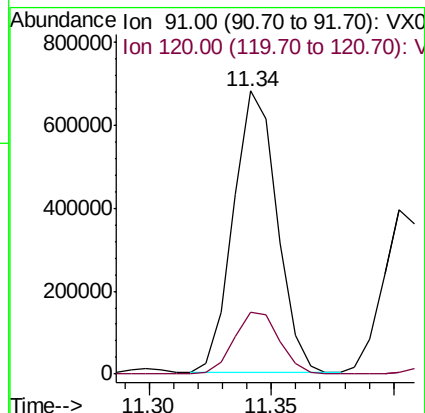
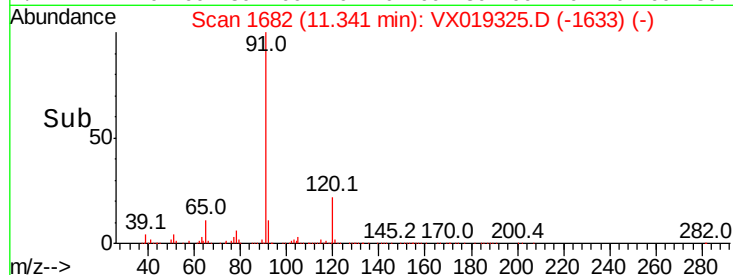
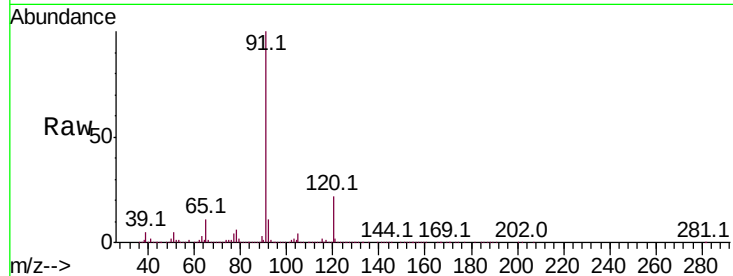
FA2O-MMW3414MS

Tot Ion: 91 Resp: 844889

Ion Ratio Lower Upper

91 100

120 22.7 11.7 35.0



#79

2-Chlorotoluene

Concen: 51.731 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019325.D

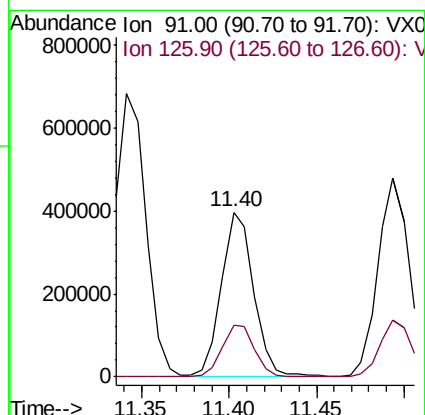
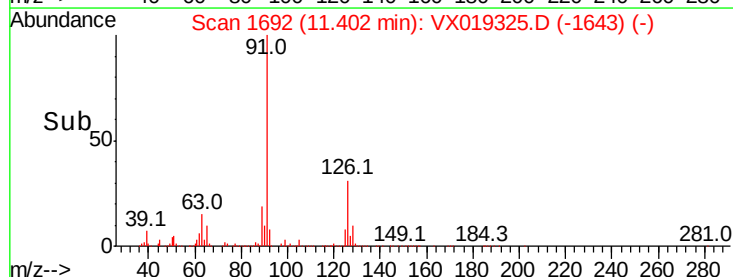
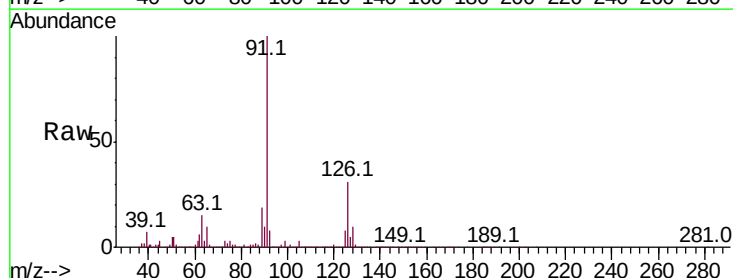
Acq: 05 Nov 2020 19:25

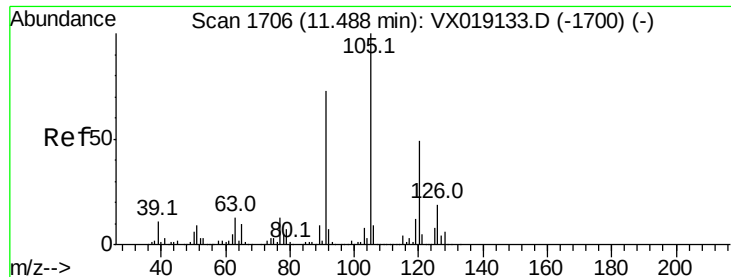
Tgt Ion: 91 Resp: 504583

Ion Ratio Lower Upper

91 100

126 31.8 16.9 50.7





#80

1,3,5-Trimethylbenzene

Concen: 53.571 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

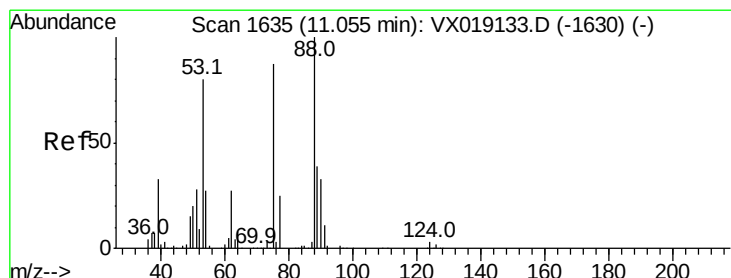
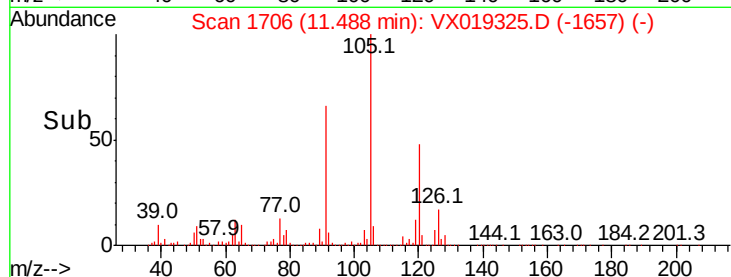
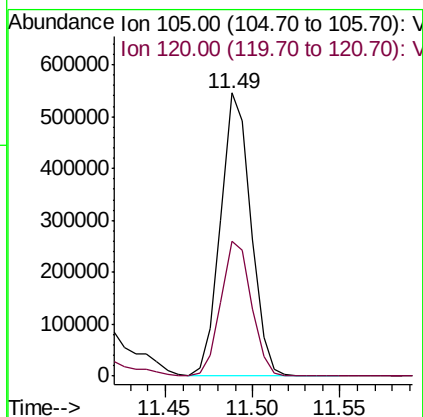
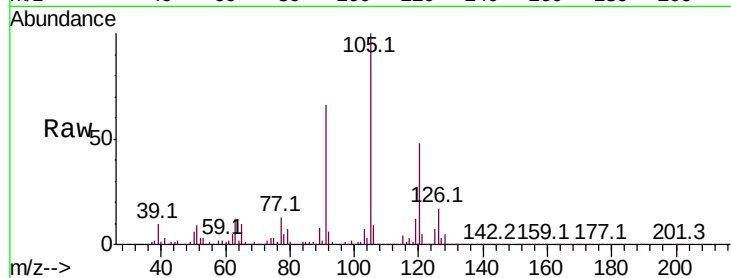
FA2O-MMW3414MS

Tot Ion:105 Resp: 656836

Ion Ratio Lower Upper

105 100

120 48.3 24.3 72.8



#81

trans-1,4-Dichloro-2-butene

Concen: 49.344 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

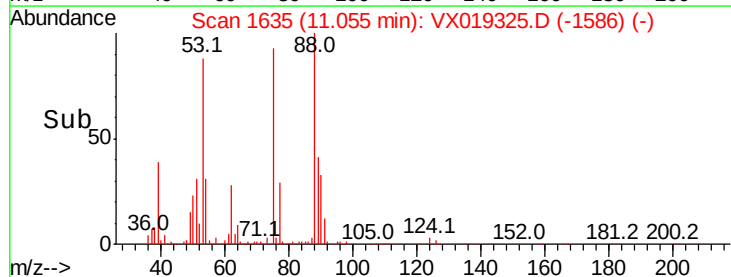
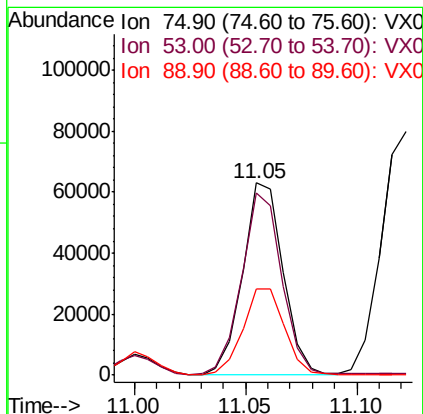
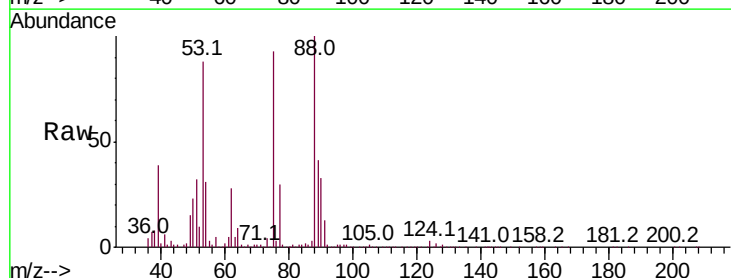
Tgt Ion: 75 Resp: 79339

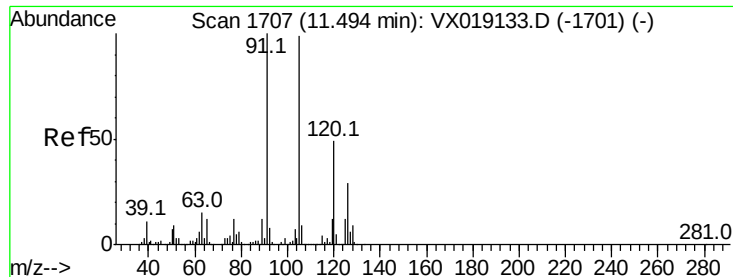
Ion Ratio Lower Upper

75 100

53 93.7 73.3 109.9

89 47.0 38.2 57.2





#82

4-Chlorotoluene

Concen: 49.781 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

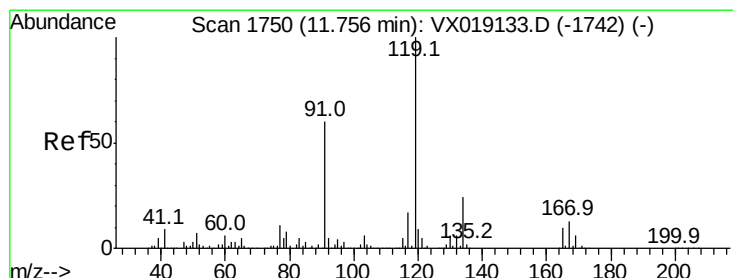
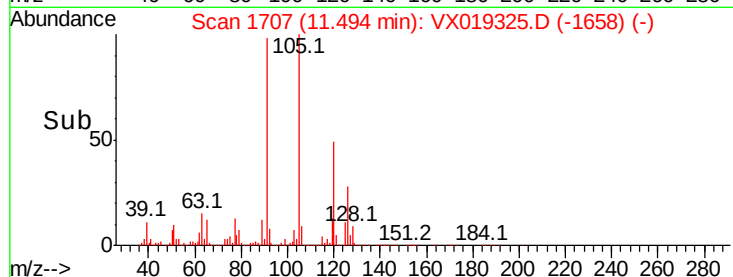
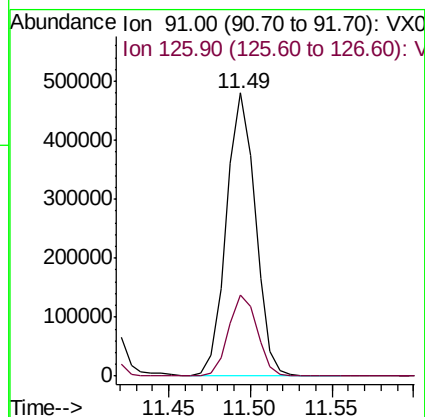
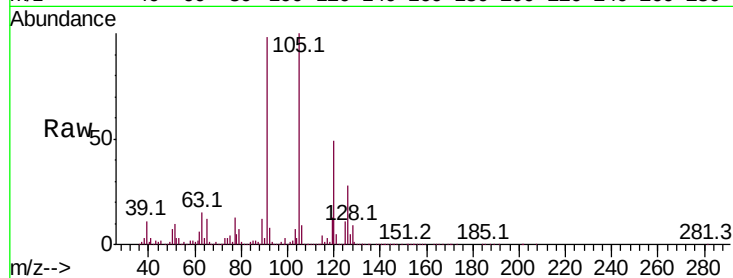
FA2O-MMW3414MS

Tot Ion: 91 Resp: 592941

Ion Ratio Lower Upper

91 100

126 28.4 14.8 44.4



#83

tert-Butylbenzene

Concen: 50.193 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

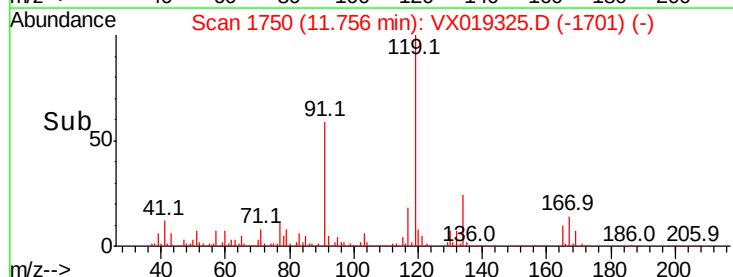
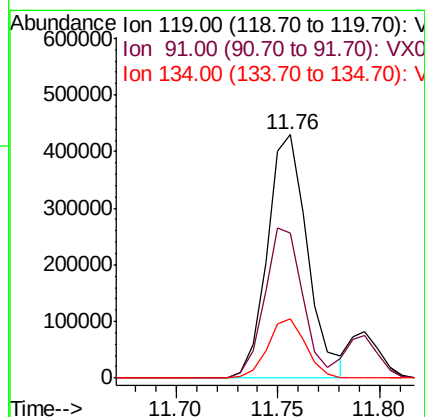
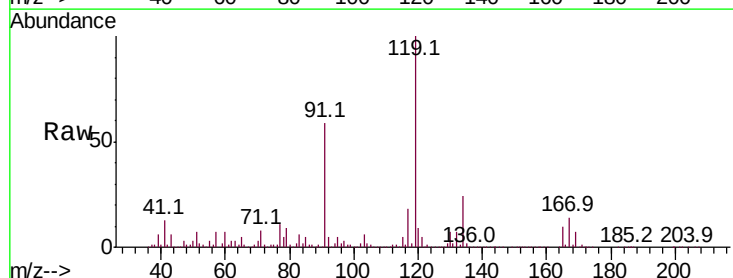
Tgt Ion: 119 Resp: 589255

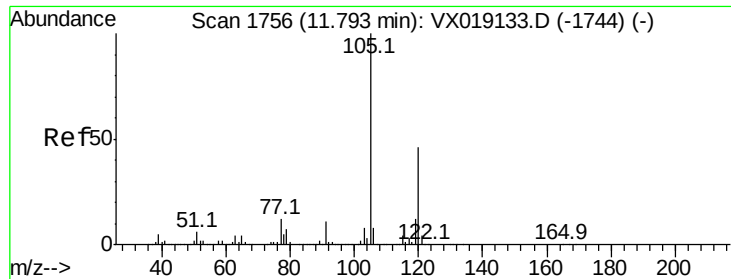
Ion Ratio Lower Upper

119 100

91 58.3 29.0 87.1

134 23.0 11.7 35.0

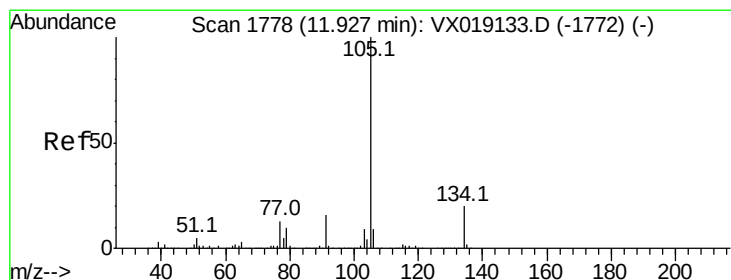
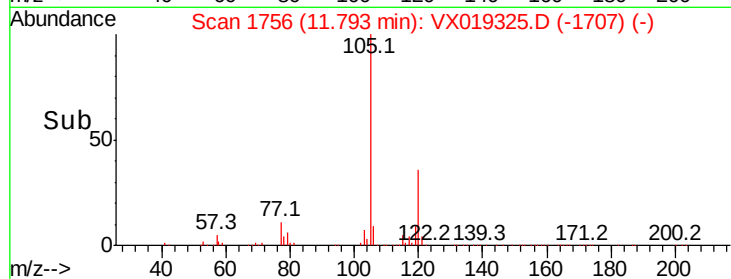
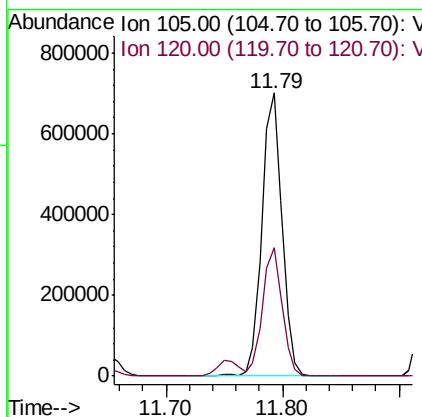
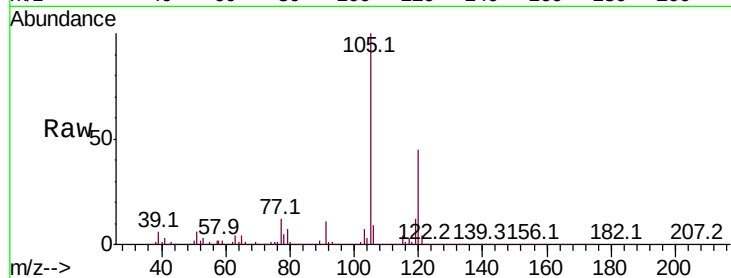




#84
 1,2,4-Trimethylbenzene
 Concen: 68.408 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019325.D
 Acq: 05 Nov 2020 19:25

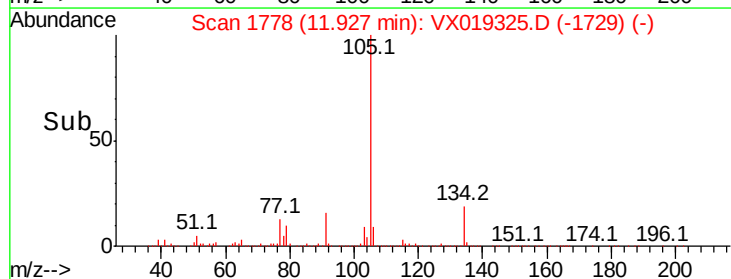
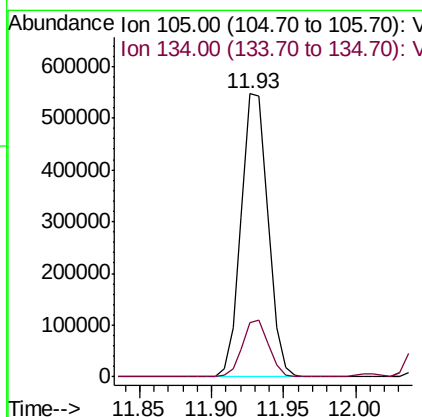
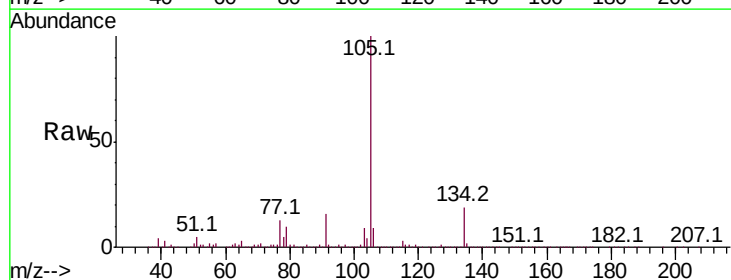
Instrument :
 MSVOA_X
 ClientSampleId :
 FA2O-MMW3414MS

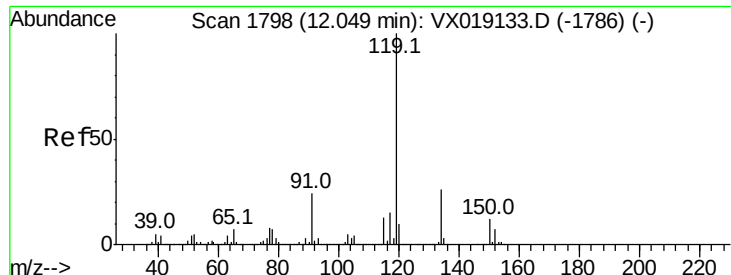
Tot Ion:105 Resp: 846757
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.4 67.3



#85
 sec-Butylbenzene
 Concen: 50.343 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019325.D
 Acq: 05 Nov 2020 19:25

Tgt Ion:105 Resp: 708851
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.1 30.1

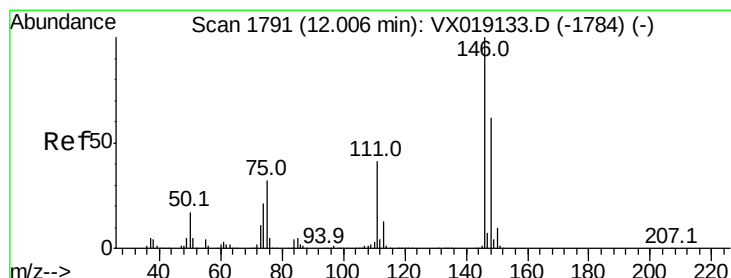
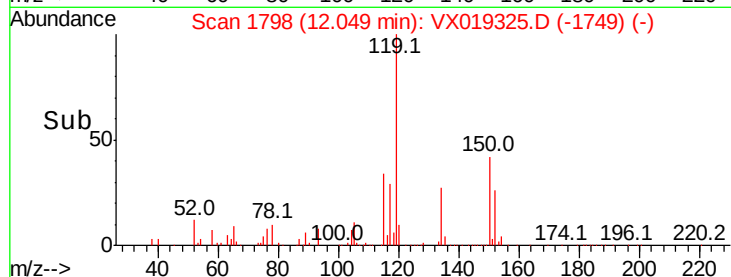
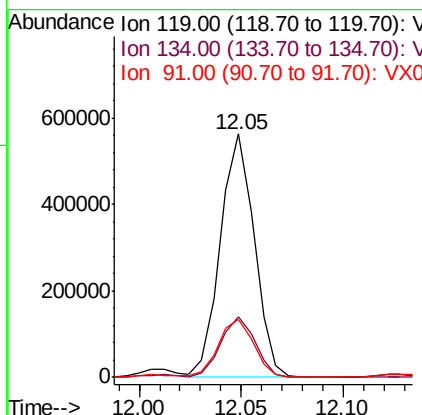
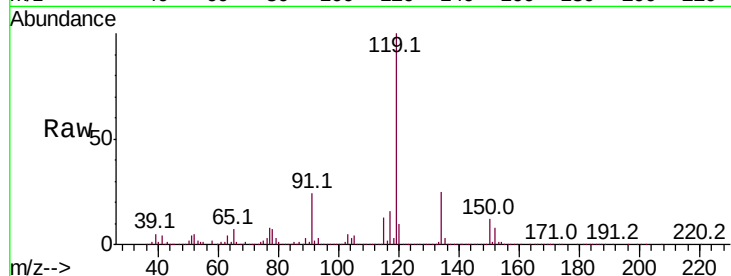




#86
 p-Isopropyltoluene
 Concen: 49.974 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019325.D
 Acq: 05 Nov 2020 19:25

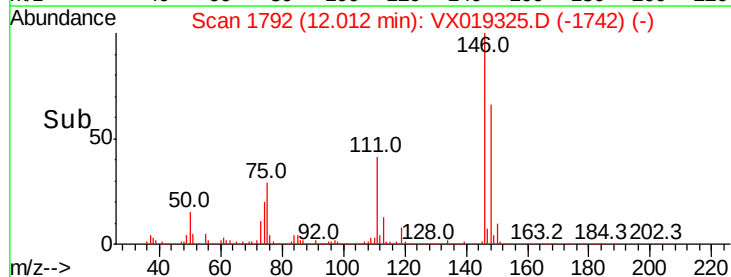
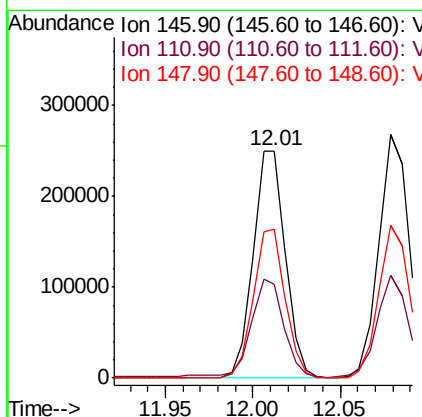
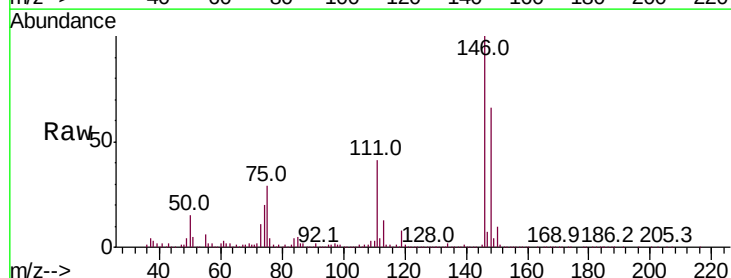
Instrument :
 MSVOA_X
 ClientSampleId :
 FA2O-MMW3414MS

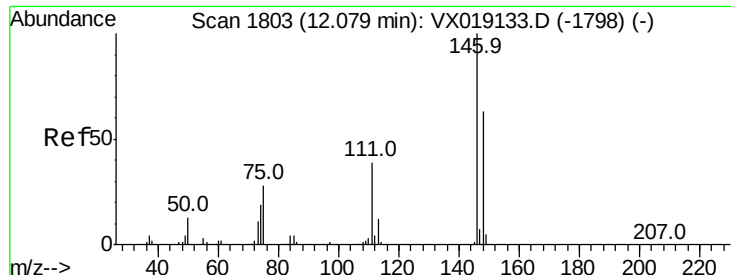
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.2	12.9	38.7
91	24.4	12.0	36.0



#87
 1,3-Dichlorobenzene
 Concen: 47.782 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019325.D
 Acq: 05 Nov 2020 19:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.6	20.4	61.2
148	64.7	31.6	94.8





#88

1,4-Dichlorobenzene

Concen: 46.680 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

FA2O-MMW3414MS

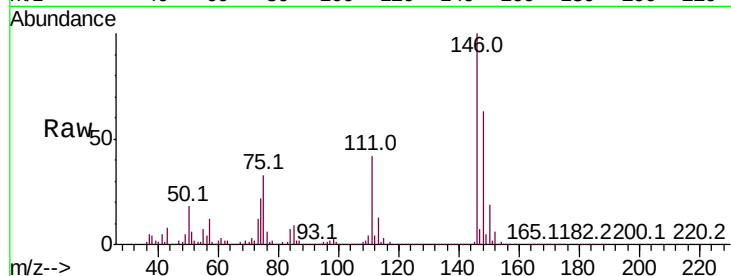
Tot Ion:146 Resp: 325954

Ion Ratio Lower Upper

146 100

111 41.6 20.2 60.5

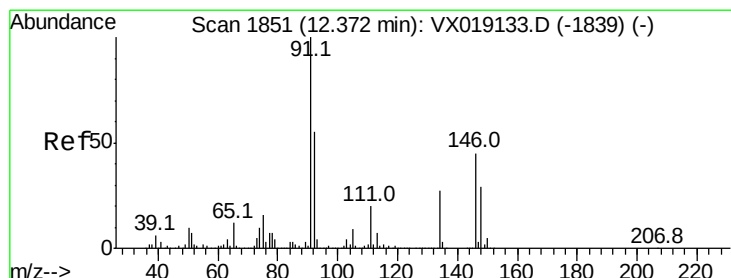
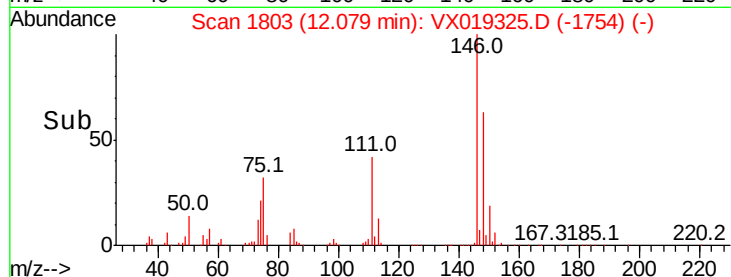
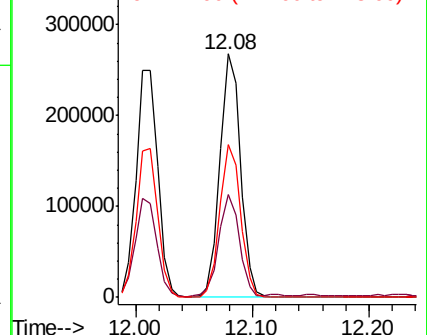
148 63.1 31.3 93.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 52.219 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

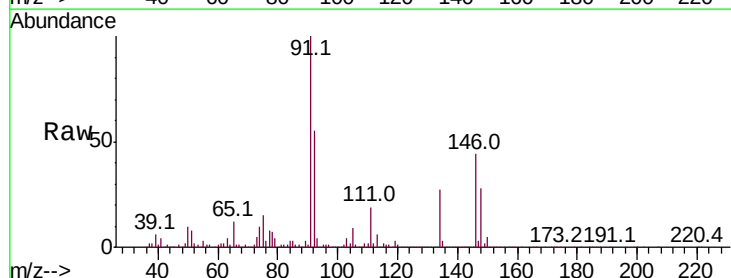
Tgt Ion: 91 Resp: 637905

Ion Ratio Lower Upper

91 100

92 53.8 27.5 82.4

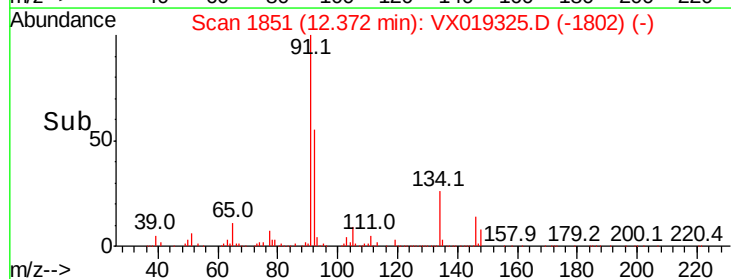
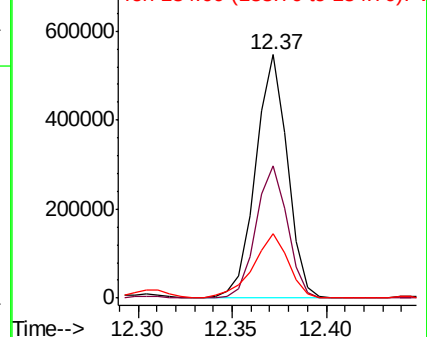
134 29.8 13.2 39.6

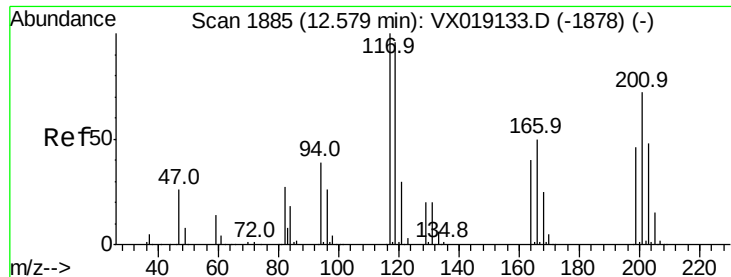


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 52.607 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

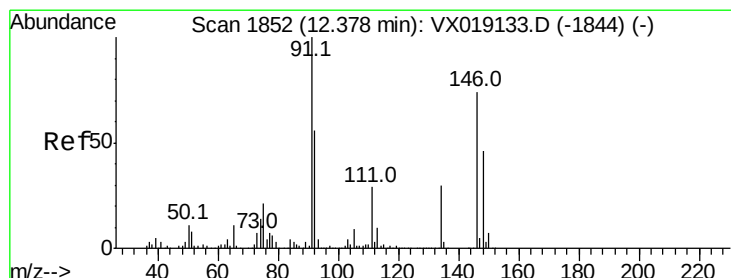
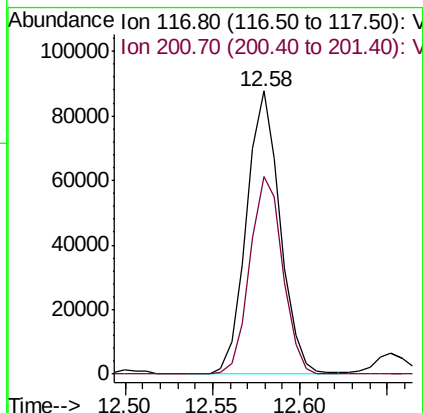
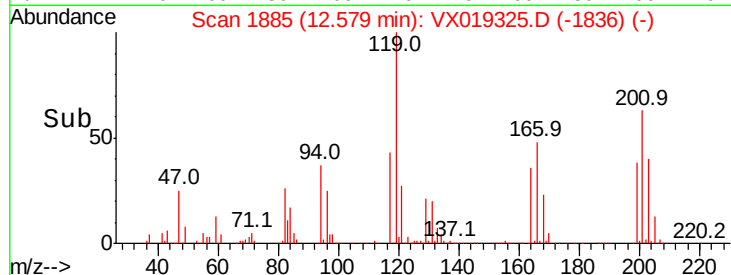
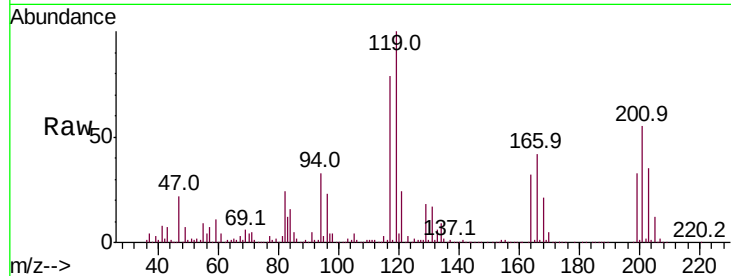
FA2O-MMW3414MS

Tot Ion:117 Resp: 116208

Ion Ratio Lower Upper

117 100

201 68.7 38.5 115.3



#91

1,2-Dichlorobenzene

Concen: 48.376 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

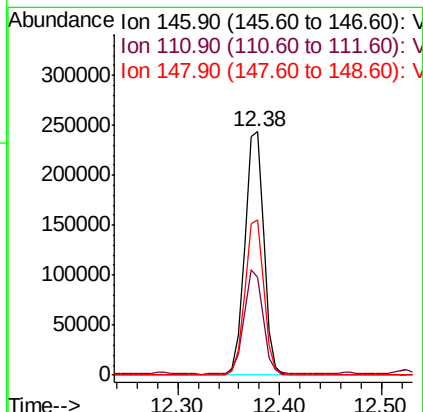
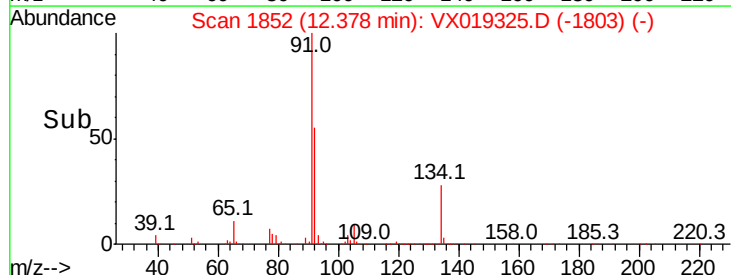
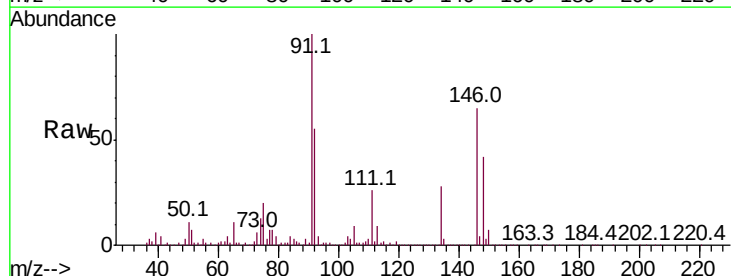
Tgt Ion:146 Resp: 311601

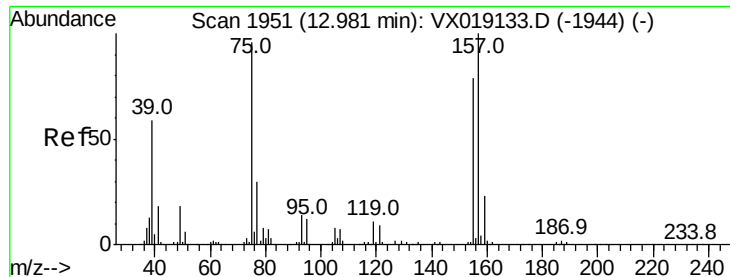
Ion Ratio Lower Upper

146 100

111 43.3 21.2 63.6

148 63.8 31.6 94.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 51.892 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

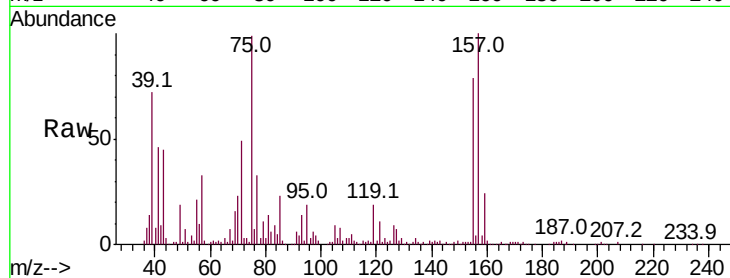
MSVOA_X

ClientSampleId :

FA2O-MMW3414MS

Tot Ion: 75 Resp: 57620

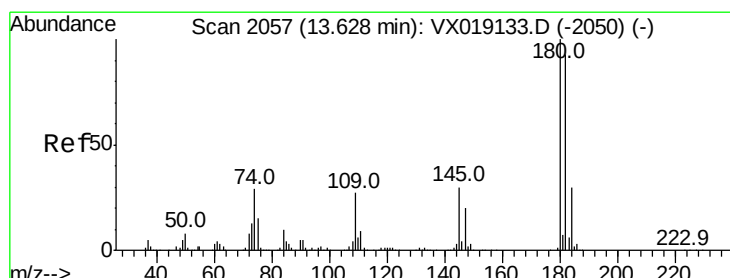
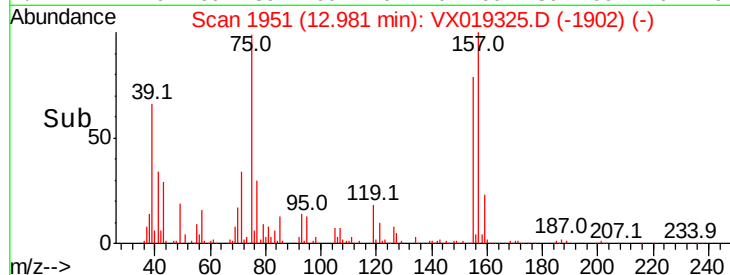
Ion	Ratio	Lower	Upper
75	100		
155	85.0	42.8	128.4
157	107.5	54.8	164.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 42.175 ug/l

RT: 13.63 min Scan# 2057

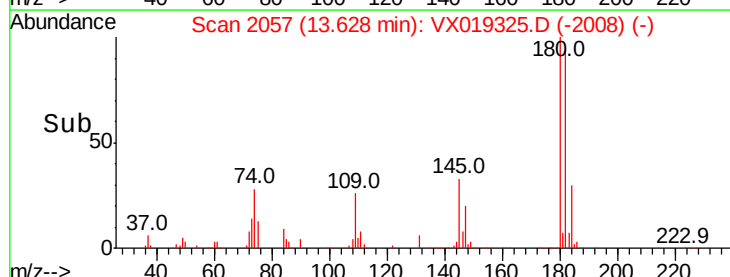
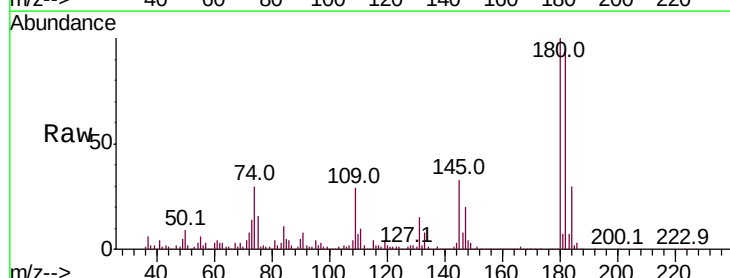
Delta R.T. 0.00 min

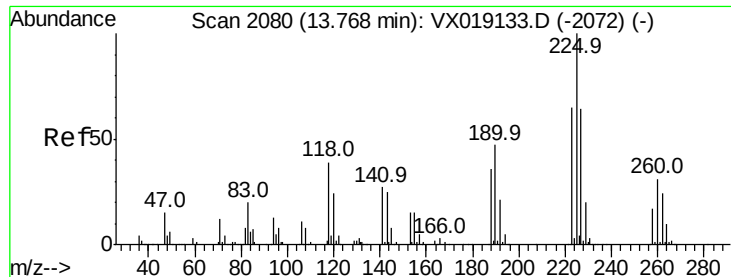
Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Tgt Ion:180 Resp: 204053

Ion	Ratio	Lower	Upper
180	100		
182	97.5	46.8	140.3
145	39.0	15.5	46.5





#94

Hexachlorobutadiene

Concen: 39.254 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

FA2O-MMW3414MS

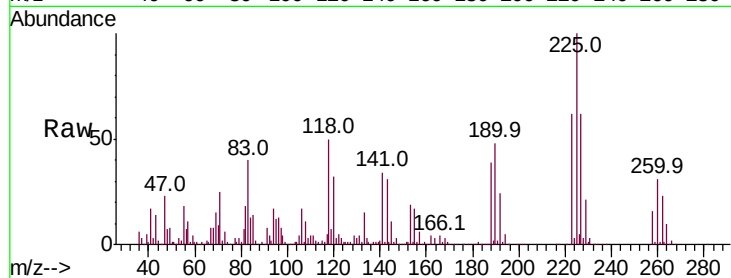
Tot Ion:225 Resp: 83603

Ion Ratio Lower Upper

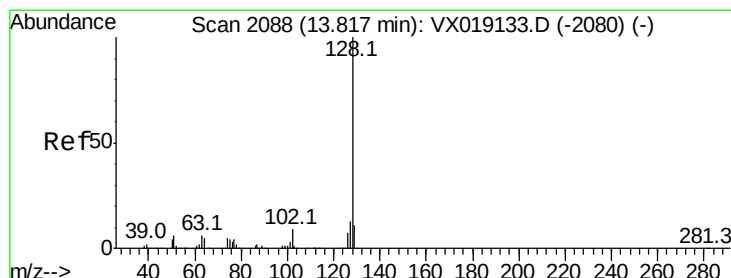
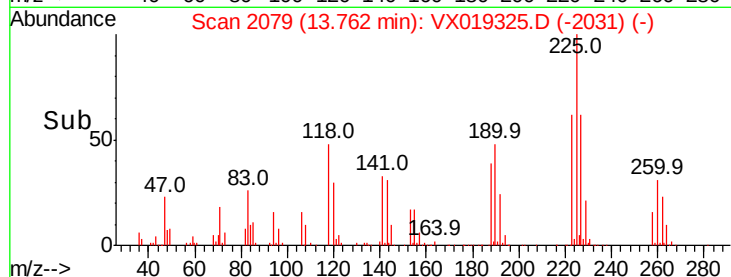
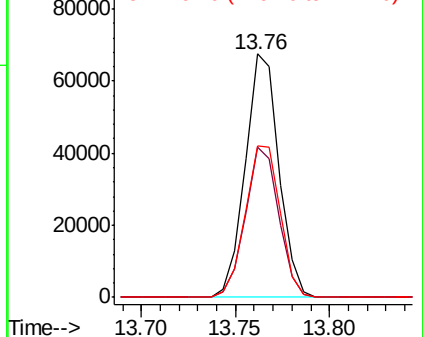
225 100

223 61.5 32.4 97.2

227 64.5 31.6 94.7



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



#95

Naphthalene

Concen: 53.805 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

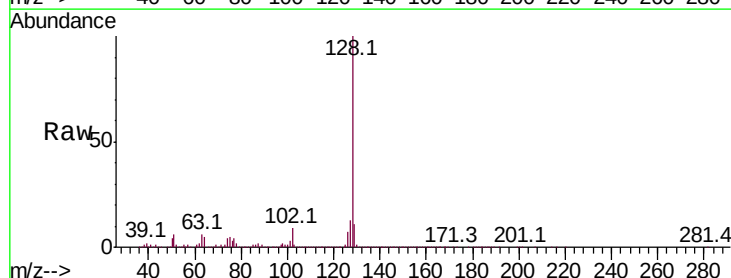
Tgt Ion:128 Resp: 819894

Ion Ratio Lower Upper

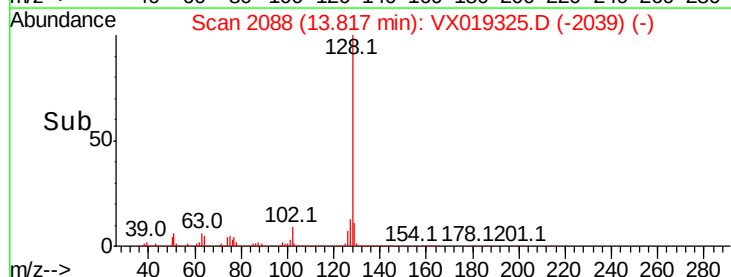
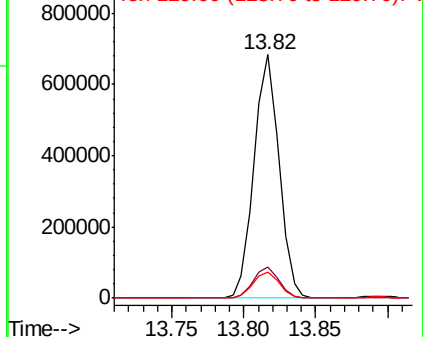
128 100

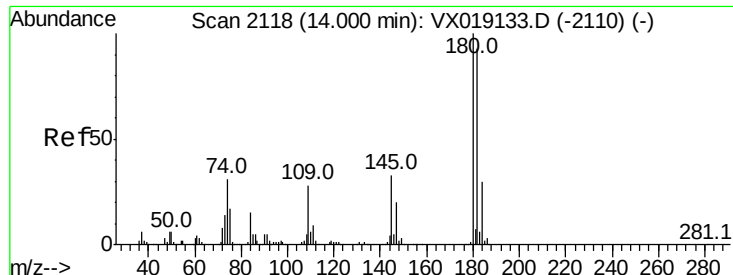
127 12.9 10.3 15.5

129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 42.812 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VX019325.D
 Acq: 05 Nov 2020 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 FA2O-MMW3414MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.8	143.3
145	36.8	16.5	49.5

