

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110620\
 Data File : VX019324.D
 Acq On : 05 Nov 2020 19:03
 Operator : JC/MD
 Sample : L4624-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 06 01:10:19 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	267207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	467732	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	455732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	240158	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	189493	54.99	ug/l	0.00
Spiked Amount			Recovery	=	109.98%	
35) Dibromofluoromethane	5.47	113	148569	50.57	ug/l	0.00
Spiked Amount			Recovery	=	101.14%	
50) Toluene-d8	8.70	98	582492	52.59	ug/l	0.00
Spiked Amount			Recovery	=	105.18%	
62) 4-Bromofluorobenzene	11.12	95	243221	57.99	ug/l	0.00
Spiked Amount			Recovery	=	115.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	1444	0.580	ug/l	92
8) Diethyl Ether	2.17	74	1099	0.632	ug/l #	8
10) Methyl Iodide	2.49	142	138	6.419	ug/l #	39
11) Tert butyl alcohol	3.00	59	20659	30.353	ug/l #	72
13) Acrolein	2.25	56	8209	32.014	ug/l #	1
14) Allyl chloride	2.82	41	28309	7.217	ug/l #	23
15) Acrylonitrile	3.15	53	4909	3.432	ug/l #	42
16) Acetone	2.42	43	821545	691.070	ug/l	100
17) Carbon Disulfide	2.55	76	3218	1.189	ug/l #	95
18) Methyl Acetate	2.75	43	6690	2.314	ug/l #	86
19) Methyl tert-butyl Ether	3.17	73	78455	8.743	ug/l #	1
20) Methylene Chloride	2.83	84	1646	0.552	ug/l #	31
22) Diisopropyl ether	3.82	45	95234	12.178	ug/l #	83
23) Vinyl Acetate	3.82	43	49554	7.106	ug/l #	68
25) 2-Butanone	4.63	43	264306	141.072	ug/l	97
28) Bromochloromethane	5.09	49	633	0.285	ug/l #	7
29) Tetrahydrofuran	5.09	42	220870	187.067	ug/l	95
30) Chloroform	5.27	83	4359	0.839	ug/l #	18
31) Cyclohexane	5.55	56	138511	31.798	ug/l	95
36) 1,1-Dichloropropene	5.62	75	22826	5.285	ug/l #	49
37) Ethyl Acetate	4.79	43	53830	13.423	ug/l	100
38) Carbon Tetrachloride	5.63	117	28323	6.433	ug/l #	17
39) Methylcyclohexane	7.44	83	105011	20.333	ug/l	92
40) Benzene	6.12	78	4030896	329.155	ug/l	99
41) Methacrylonitrile	5.09	41	132672	61.433	ug/l #	40
42) 1,2-Dichloroethane	6.12	62	35449	7.854	ug/l #	74
43) Isopropyl Acetate	6.40	43	14271	2.125	ug/l #	48
48) Methyl methacrylate	7.71	41	8438	2.611	ug/l #	53
49) 1,4-Dioxane	7.69	88	53	0.737	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	37721	9.774	ug/l	97
52) Toluene	8.77	92	8397944	1064.743	ug/l	88
53) t-1,3-Dichloropropene	8.77	75	105745	21.177	ug/l #	1
55) 1,1,2-Trichloroethane	9.15	97	13088	4.200	ug/l #	20
56) Ethyl methacrylate	9.15	69	5836	1.240	ug/l #	46

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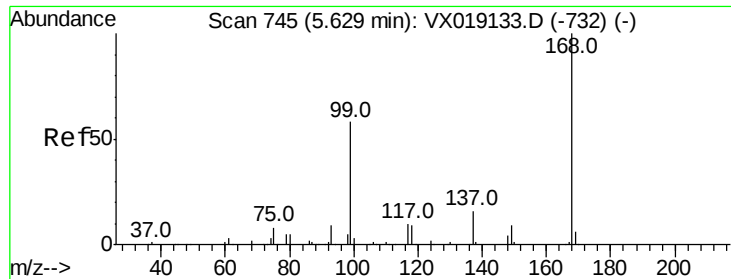
Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 06 01:10:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

59) 2-Hexanone	9.47	43	23867	8.124	ug/l	94
67) Ethyl Benzene	10.24	91	1891587	113.964	ug/l	96
68) m/p-Xylenes	10.34	106	2580211	414.190	ug/l	100
69) o-Xylene	10.68	106	1298588	219.776	ug/l	99
70) Styrene	10.68	104	65435	6.491	ug/l #	1
73) Isopropylbenzene	11.00	105	148189	8.717	ug/l	99
74) N-amyl acetate	10.90	43	16464	2.649	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.26	83	9830	1.850	ug/l #	26
76) 1,2,3-Trichloropropane	11.42	75	22994	4.637	ug/l #	1
78) n-propylbenzene	11.34	91	571359	29.443	ug/l	98
79) 2-Chlorotoluene	11.42	91	336230	29.430	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.49	105	893093	62.188	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.12	75	121668	64.603	ug/l #	14
82) 4-Chlorotoluene	11.49	91	96091	6.888	ug/l #	46
83) tert-Butylbenzene	11.79	119	478264	34.781	ug/l #	55
84) 1,2,4-Trimethylbenzene	11.79	105	3923795	270.636	ug/l	100
85) sec-Butylbenzene	11.93	105	157195	9.531	ug/l	87
86) p-Isopropyltoluene	12.05	119	108469	7.126	ug/l	99
89) n-Butylbenzene	12.37	91	383632	26.812	ug/l #	43
90) Hexachloroethane	12.57	117	57945	22.395	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	12.96	75	3218	2.474	ug/l #	11
95) Naphthalene	13.82	128	1837065	102.926	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	4393	0.799	ug/l #	1

(#) = 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: VX019324.D

Acq: 05 Nov 2020 19:03

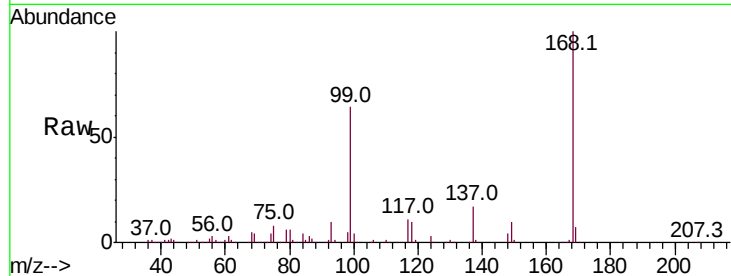
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 267207

Ion Ratio Lower Upper

168 100

99 64.0 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

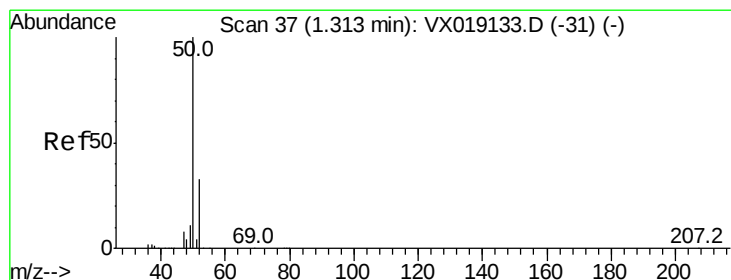
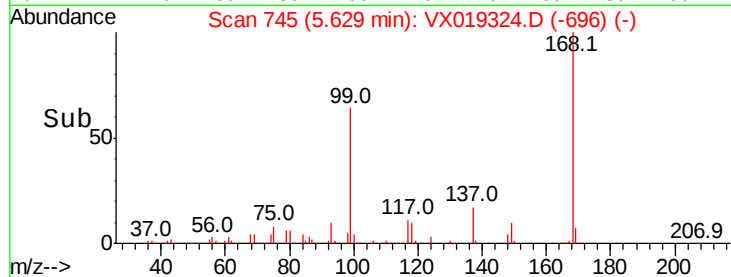
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.580 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019324.D

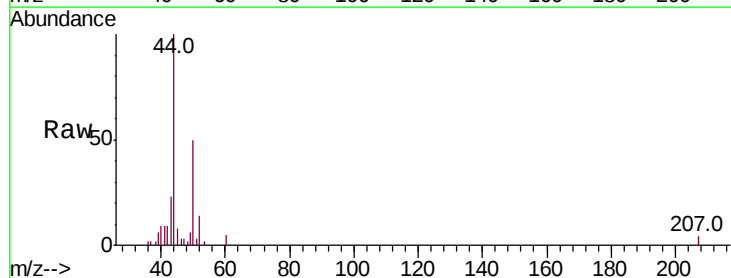
Acq: 05 Nov 2020 19:03

Tgt Ion: 50 Resp: 1444

Ion Ratio Lower Upper

50 100

52 29.0 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

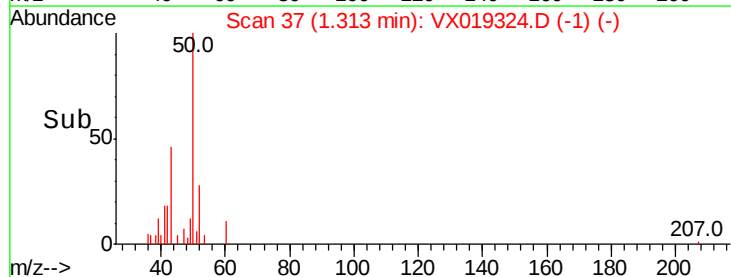
1500

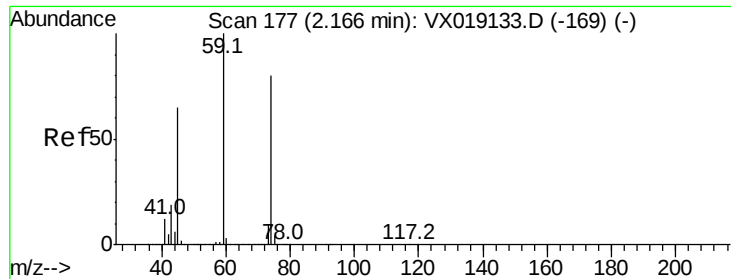
1000

500

0

Time-->





#8

Diethyl Ether

Concen: 0.632 ug/l

RT: 2.17 min Scan# 177

Delta R.T. 0.00 min

Lab File: VX019324.D

Acq: 05 Nov 2020 19:03

Instrument :

MSVOA_X

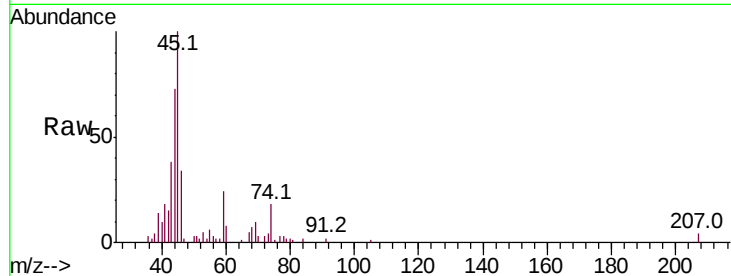
ClientSampleId :

Tot Ion: 74 Resp: 1099

Ion Ratio Lower Upper

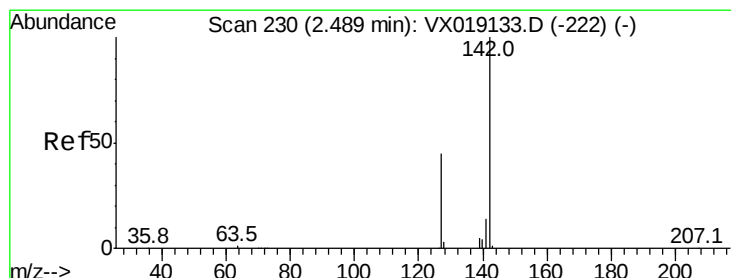
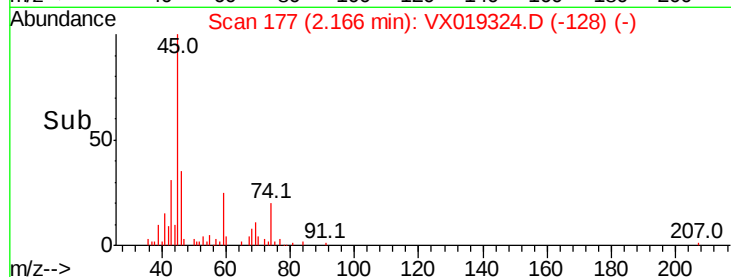
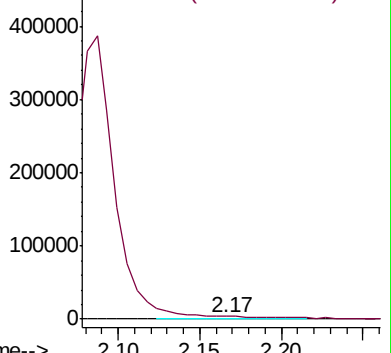
74 100

45 0.0 41.0 123.0#



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#10

Methyl Iodide

Concen: 6.419 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019324.D

Acq: 05 Nov 2020 19:03

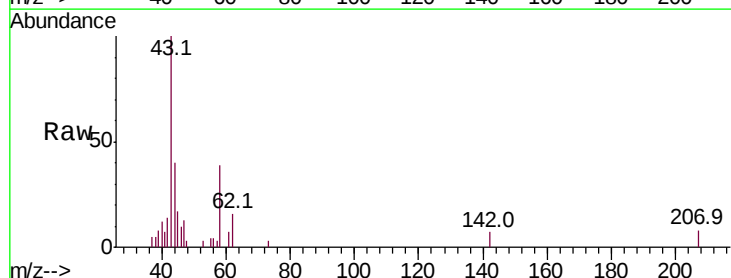
Tgt Ion: 142 Resp: 138

Ion Ratio Lower Upper

142 100

127 0.0 36.1 54.1#

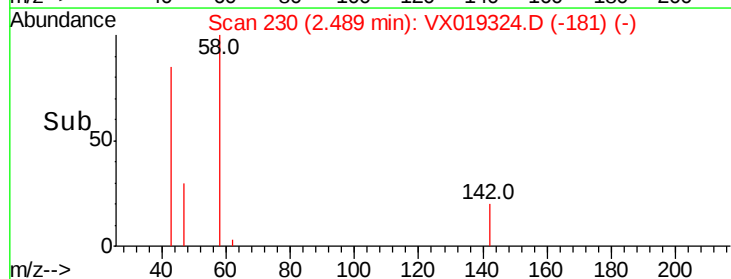
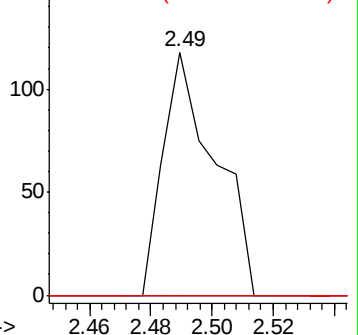
141 0.0 11.3 16.9#

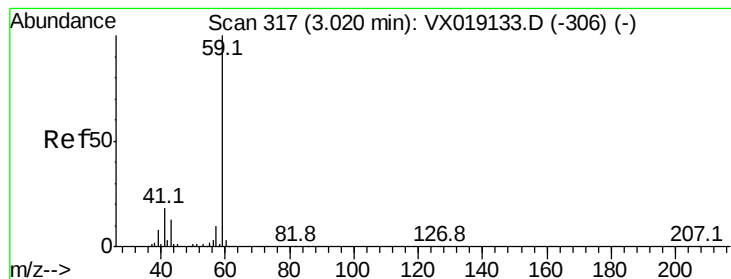


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



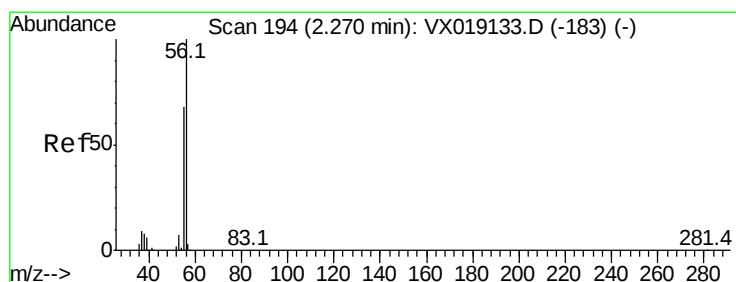
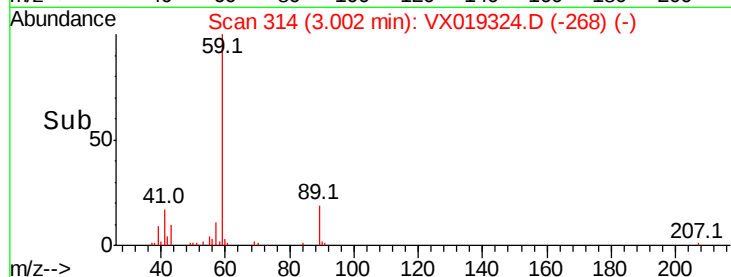
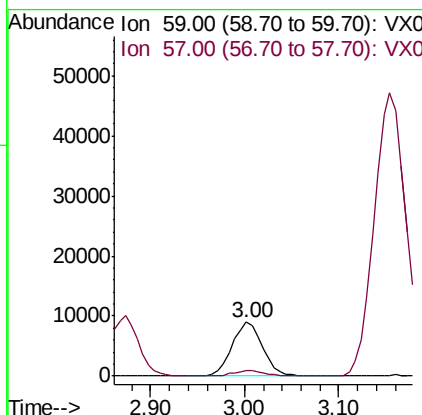
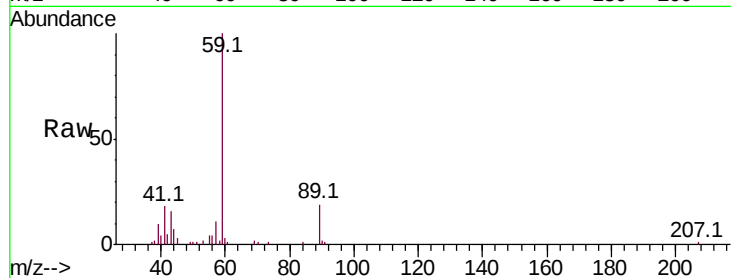


#11

Tert butyl alcohol
 Concen: 30.353 ug/l
 RT: 3.00 min Scan# 314
 Delta R.T. -0.02 min
 Lab File: VX019324.D
 Acq: 05 Nov 2020 19:03

Instrument :
 MSVOA_X
 ClientSampled :

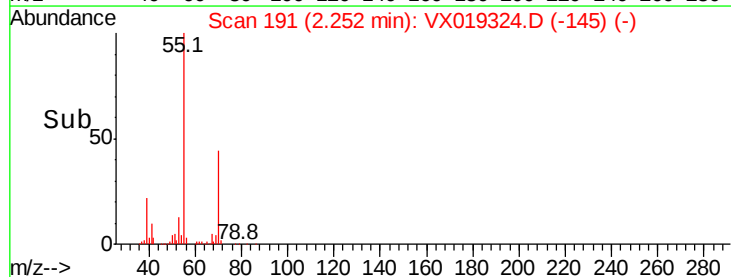
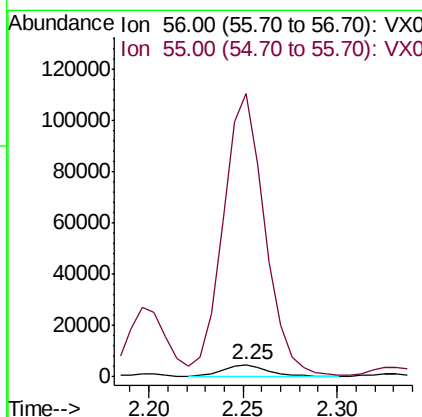
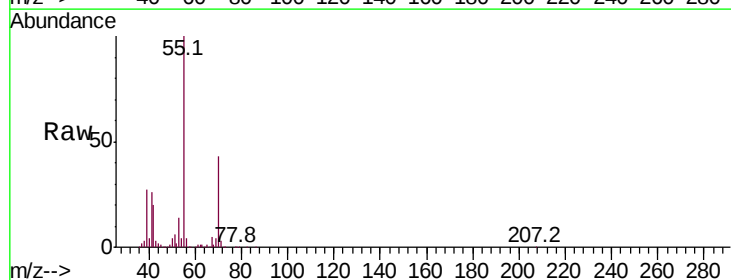
Tot Ion: 59 Resp: 20659
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#

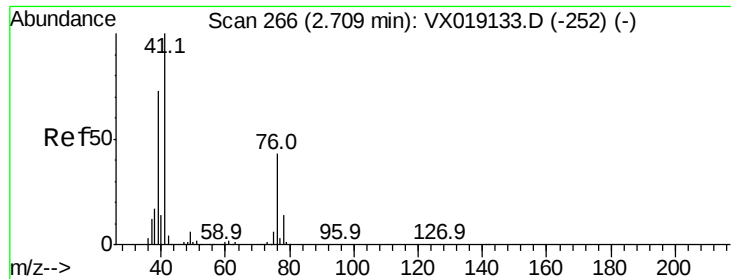


#13

Acrolein
 Concen: 32.014 ug/l
 RT: 2.25 min Scan# 191
 Delta R.T. -0.02 min
 Lab File: VX019324.D
 Acq: 05 Nov 2020 19:03

Tgt Ion: 56 Resp: 8209
 Ion Ratio Lower Upper
 56 100
 55 2042.4 54.7 82.1#





#14

Allvl chloride

Concen: 7.217 ug/l

RT: 2.82 min Scan# 285

Delta R.T. 0.12 min

Lab File: VX019324.D

Acq: 05 Nov 2020 19:03

Instrument :

MSVOA_X

ClientSampleId :

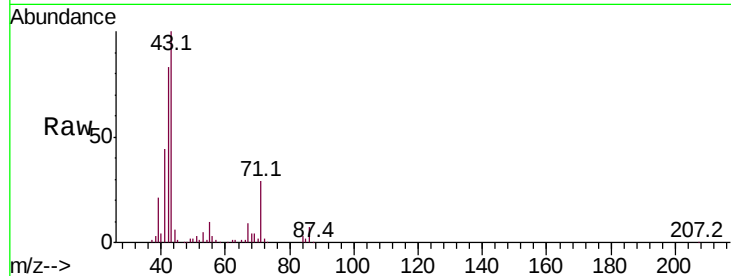
Tot Ion: 41 Resp: 28309

Ion Ratio Lower Upper

41 100

39 0.0 55.2 82.8#

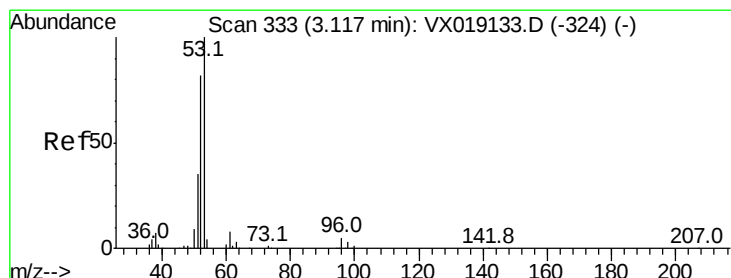
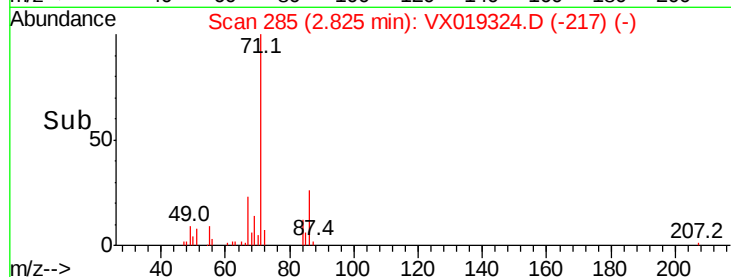
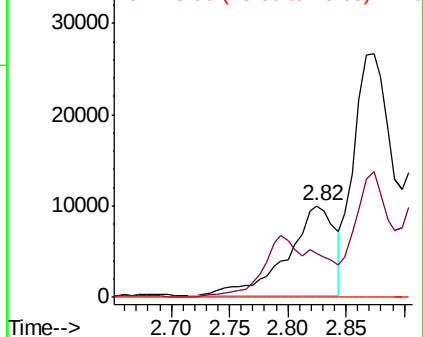
76 0.0 31.5 47.3#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



#15

Acrylonitrile

Concen: 3.432 ug/l

RT: 3.15 min Scan# 339

Delta R.T. 0.04 min

Lab File: VX019324.D

Acq: 05 Nov 2020 19:03

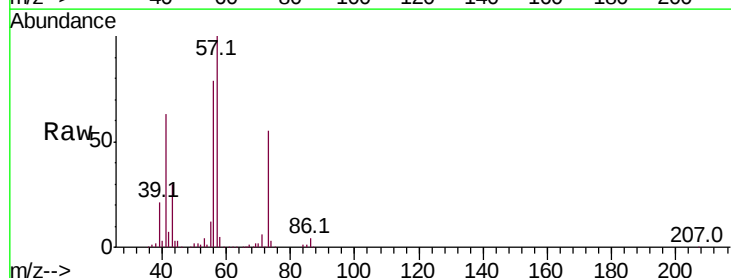
Tgt Ion: 53 Resp: 4909

Ion Ratio Lower Upper

53 100

52 25.2 65.7 98.5#

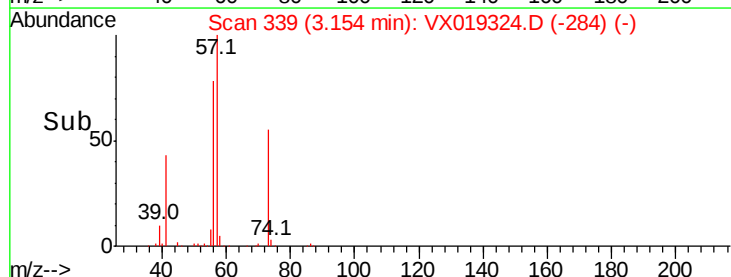
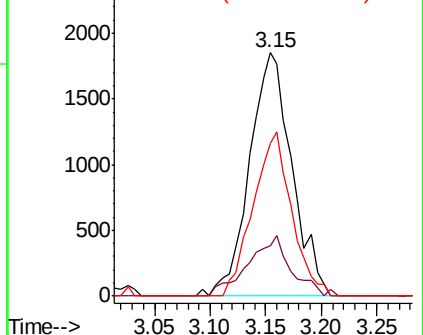
51 61.2 28.4 42.6#

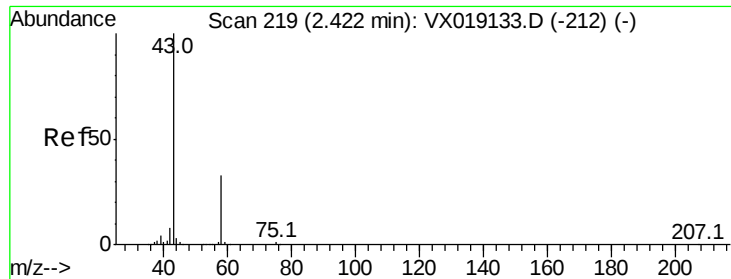


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 691.070 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019324.D

Acq: 05 Nov 2020 19:03

Instrument :

MSVOA_X

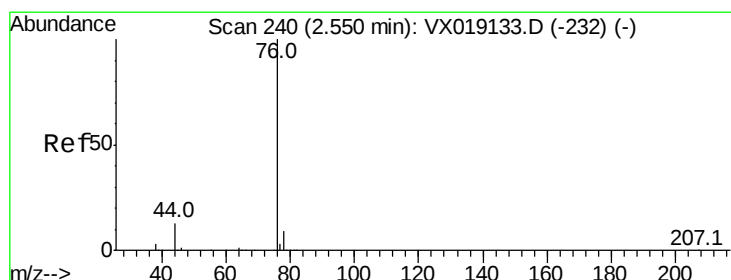
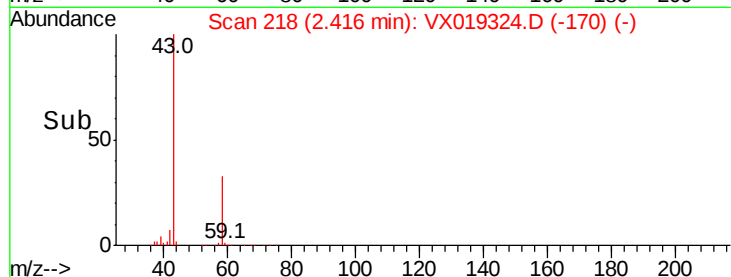
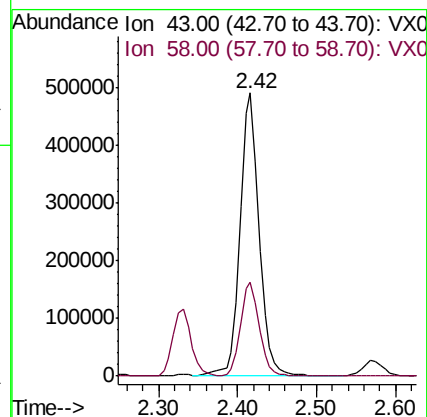
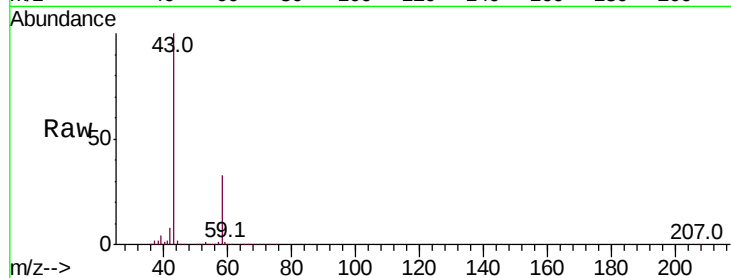
ClientSampled :

Tot Ion: 43 Resp: 821545

Ion Ratio Lower Upper

43 100

58 33.0 26.3 39.5



#17

Carbon Disulfide

Concen: 1.189 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019324.D

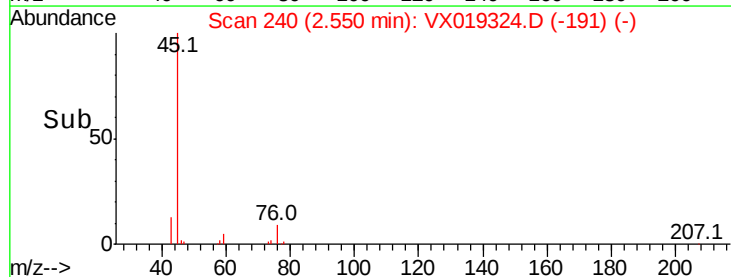
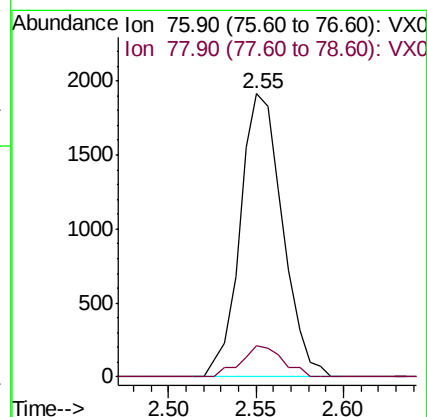
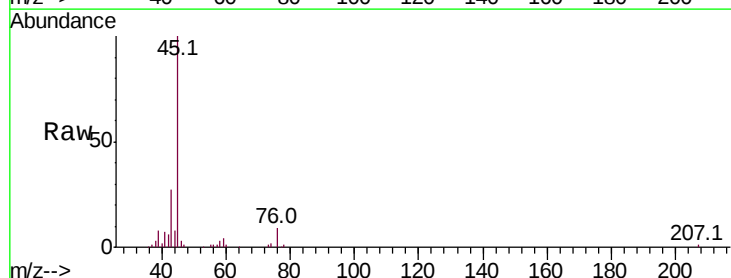
Acq: 05 Nov 2020 19:03

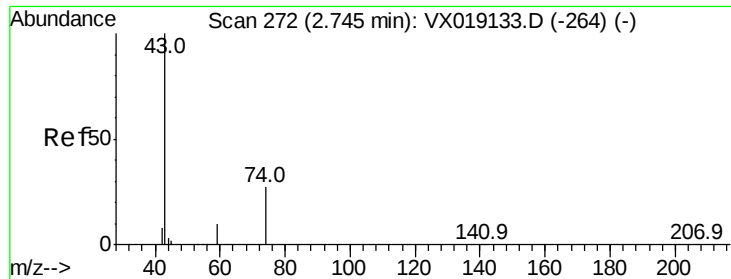
Tgt Ion: 76 Resp: 3218

Ion Ratio Lower Upper

76 100

78 10.9 7.3 10.9#

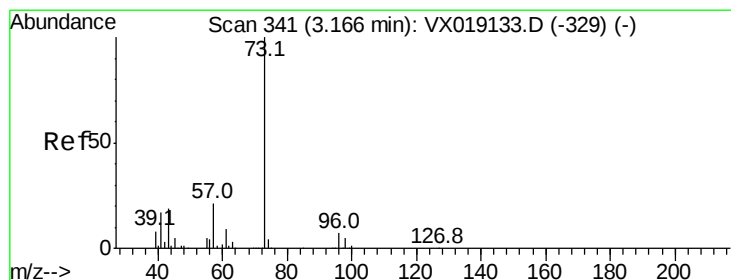
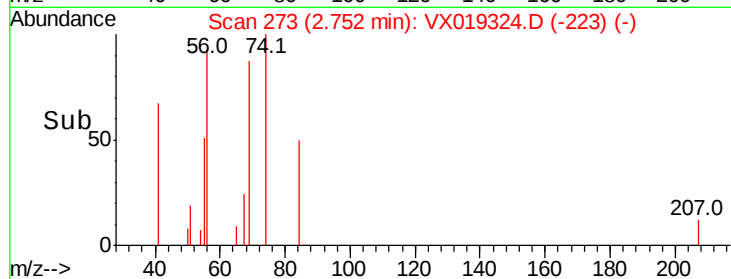
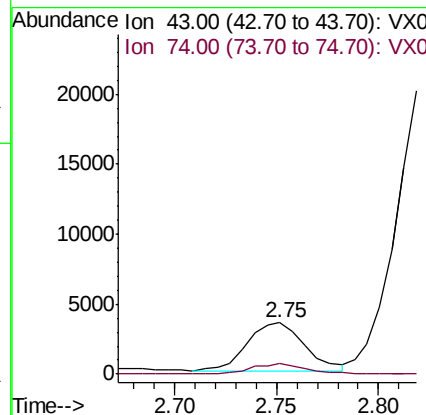
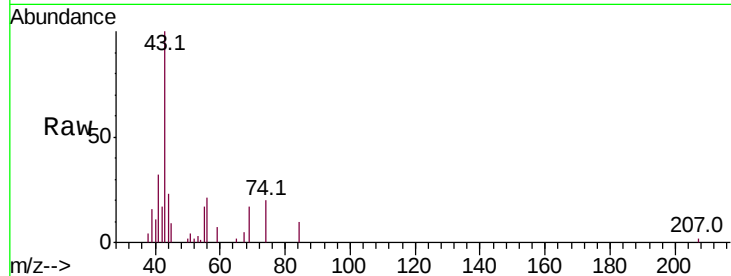




#18
Methyl Acetate
Concen: 2.314 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX019324.D
Acq: 05 Nov 2020 19:03

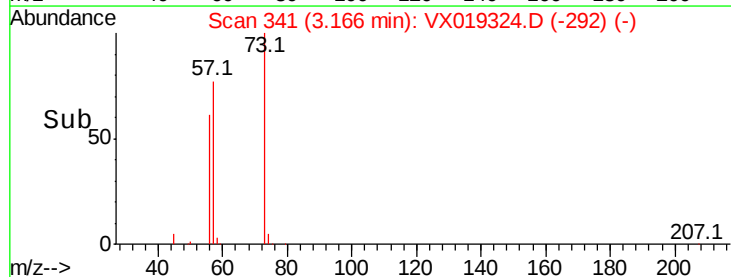
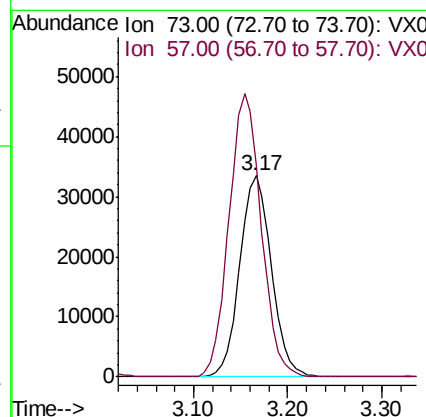
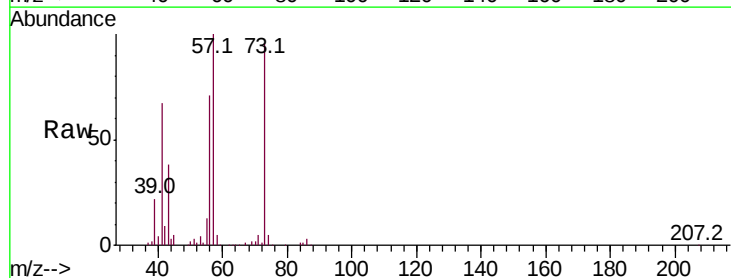
Instrument :
MSVOA_X
ClientSampled :

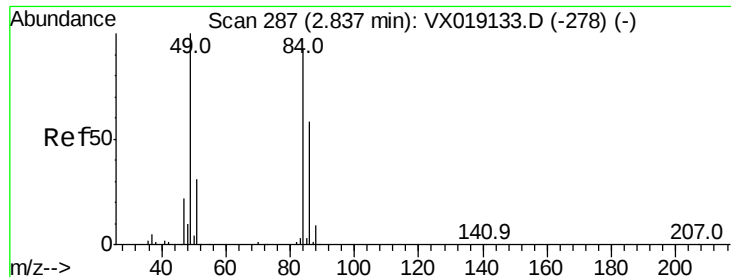
Tot Ion: 43 Resp: 6690
Ion Ratio Lower Upper
43 100
74 20.9 22.6 33.8#



#19
Methyl tert-butyl Ether
Concen: 8.743 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX019324.D
Acq: 05 Nov 2020 19:03

Tgt Ion: 73 Resp: 78455
Ion Ratio Lower Upper
73 100
57 104.3 16.6 25.0#





#20

Methvlene Chloride

Concen: 0.552 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.01 min

Lab File: VX019324.D

Acq: 05 Nov 2020 19:03

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 84 Resp: 1646

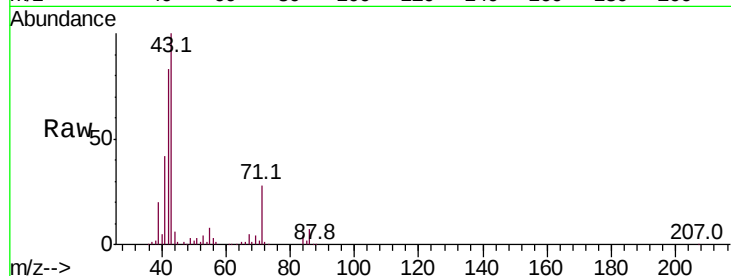
Ion Ratio Lower Upper

84 100

49 78.6 86.8 130.2#

51 15.3 27.3 40.9#

86 187.2 50.6 76.0#



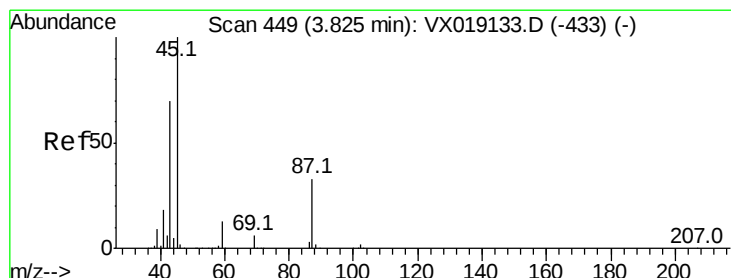
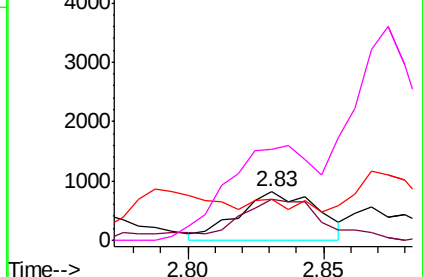
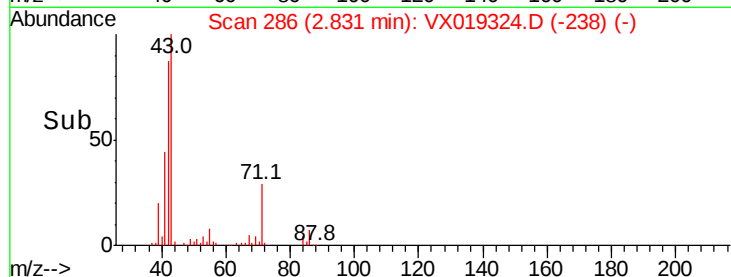
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

Time-->



#22

Diisopropyl ether

Concen: 12.178 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX019324.D

Acq: 05 Nov 2020 19:03

Tgt Ion: 45 Resp: 95234

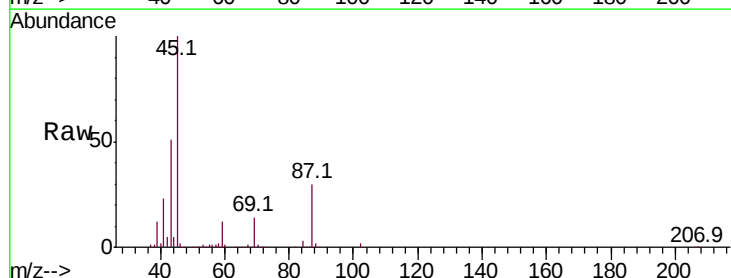
Ion Ratio Lower Upper

45 100

43 49.4 56.2 84.4#

87 30.3 26.2 39.2

59 11.5 10.1 15.1



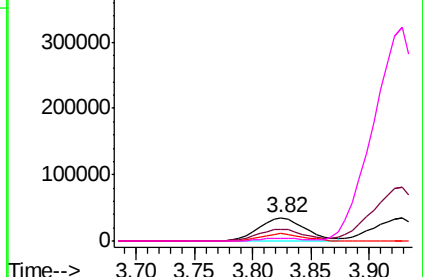
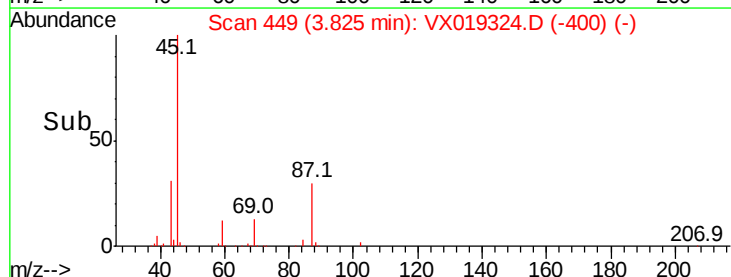
Abundance Ion 45.00 (44.70 to 45.70): VX0

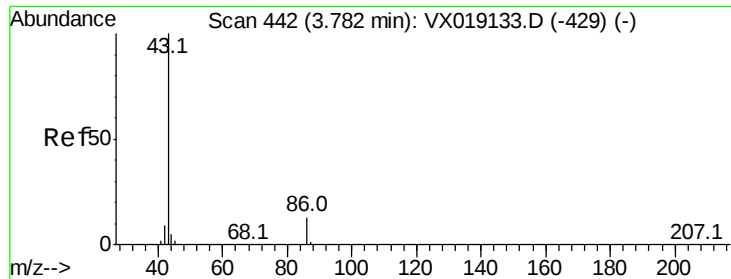
Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

Time-->

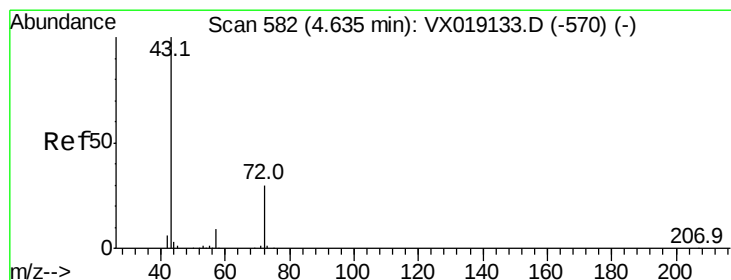
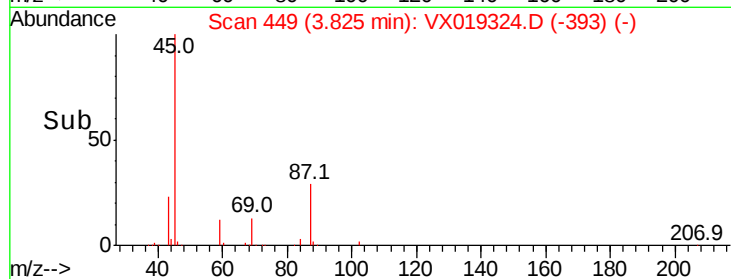
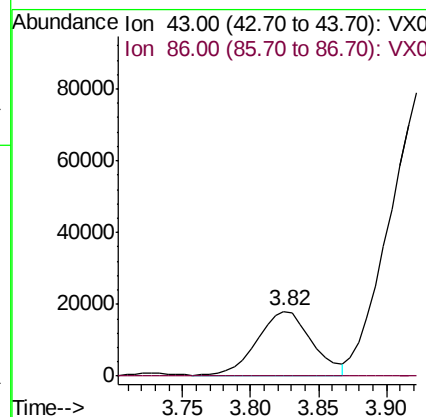
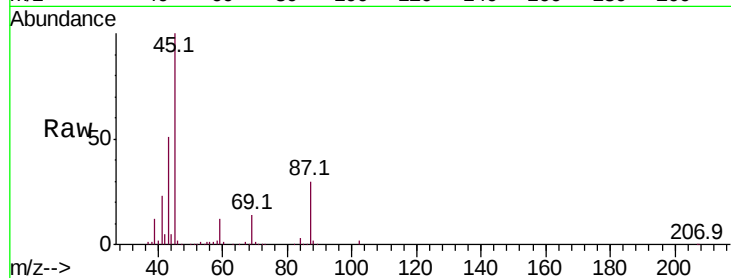




#23
 Vinyl Acetate
 Concen: 7.106 ug/l
 RT: 3.82 min Scan# 449
 Delta R.T. 0.04 min
 Lab File: VX019324.D
 Acq: 05 Nov 2020 19:03

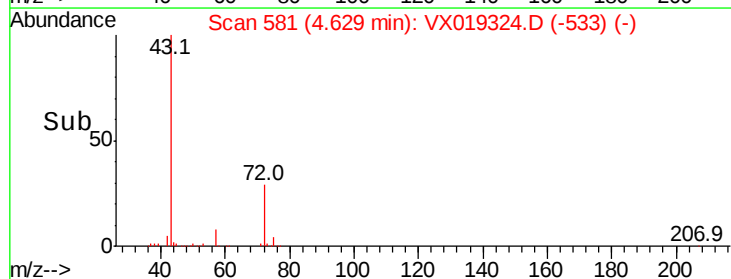
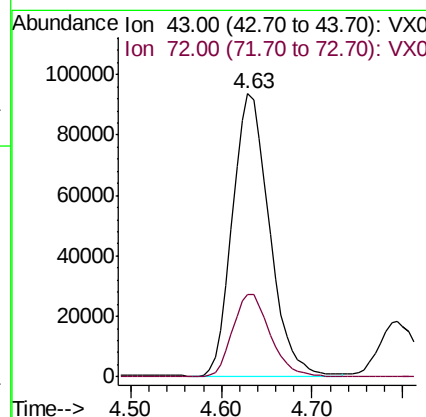
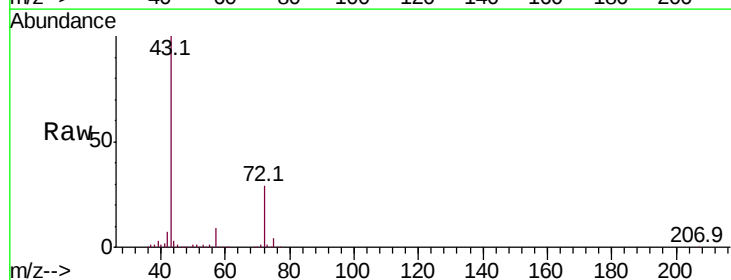
Instrument :
 MSVOA_X
 ClientSampleId :

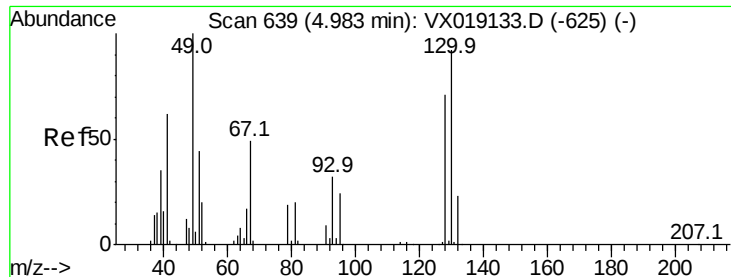
Tot Ion: 43 Resp: 49554
 Ion Ratio Lower Upper
 43 100
 86 0.4 10.4 15.6#



#25
 2-Butanone
 Concen: 141.072 ug/l
 RT: 4.63 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: VX019324.D
 Acq: 05 Nov 2020 19:03

Tgt Ion: 43 Resp: 264306
 Ion Ratio Lower Upper
 43 100
 72 29.0 24.6 36.8





#28

Bromochloromethane

Concen: 0.285 ug/l

RT: 5.09 min Scan# 656

Delta R.T. 0.10 min

Lab File: VX019324.D

Acq: 05 Nov 2020 19:03

Instrument :

MSVOA_X

ClientSampled :

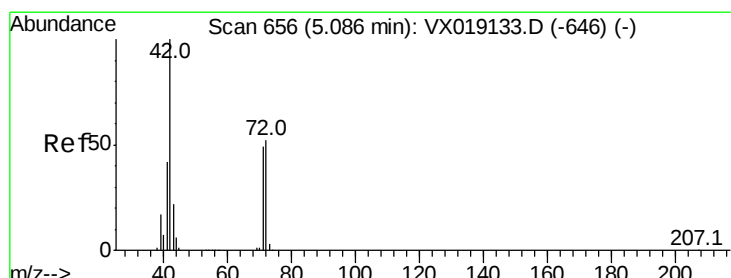
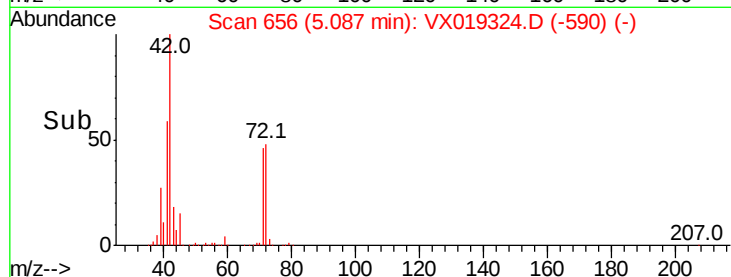
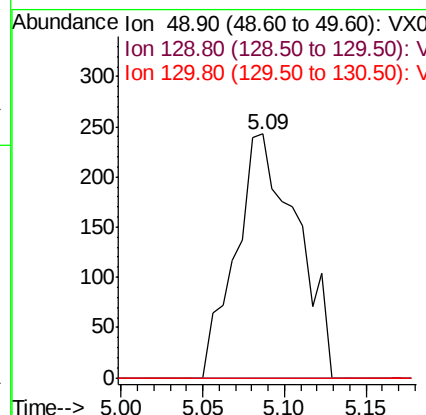
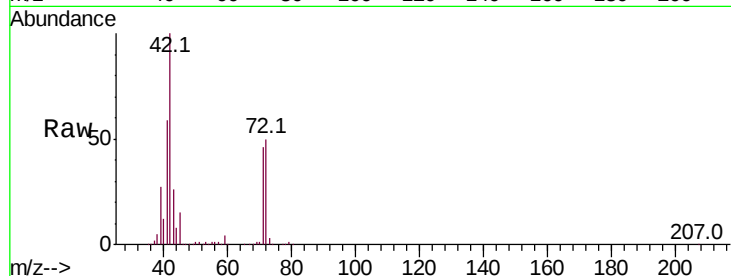
Tot Ion: 49 Resp: 633

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.4

130 0.0 71.3 106.9#



#29

Tetrahydrofuran

Concen: 187.067 ug/l

RT: 5.09 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX019324.D

Acq: 05 Nov 2020 19:03

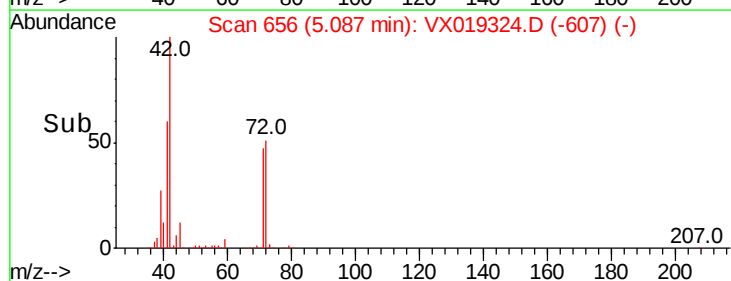
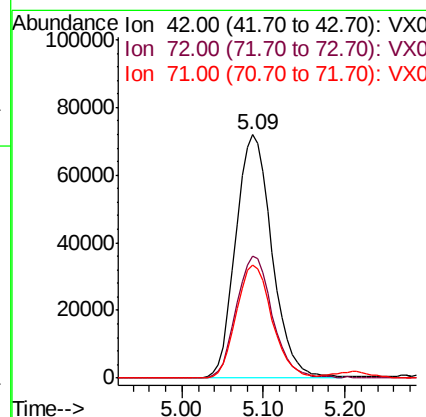
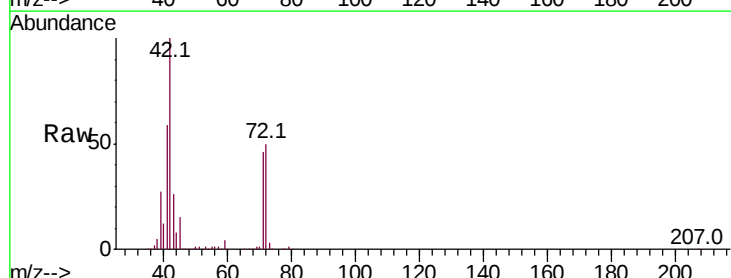
Tgt Ion: 42 Resp: 220870

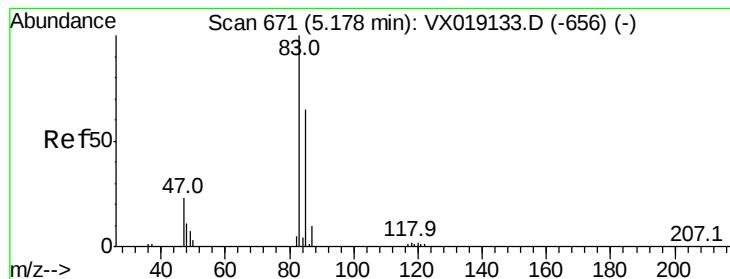
Ion Ratio Lower Upper

42 100

72 49.9 42.6 63.8

71 46.0 39.7 59.5





#30

Chloroform

Concen: 0.839 ug/l

RT: 5.27 min Scan# 686

Delta R.T. 0.09 min

Lab File: VX019324.D

Acq: 05 Nov 2020 19:03

Instrument :

MSVOA_X

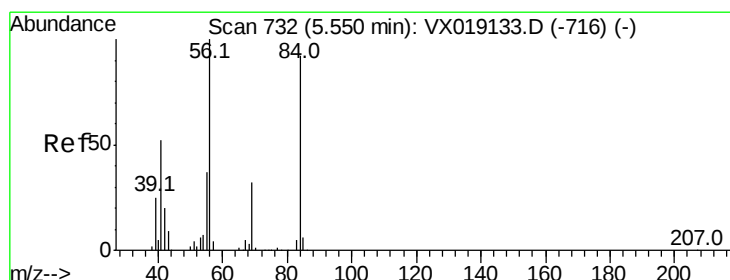
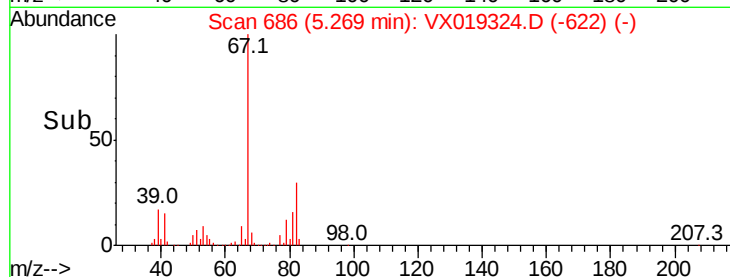
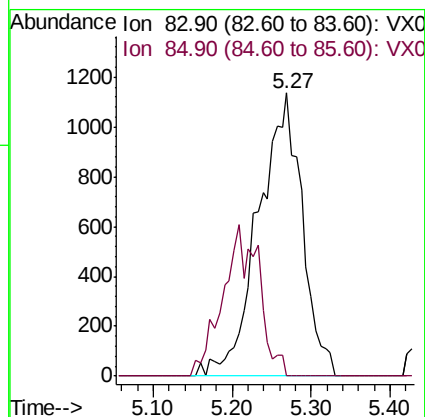
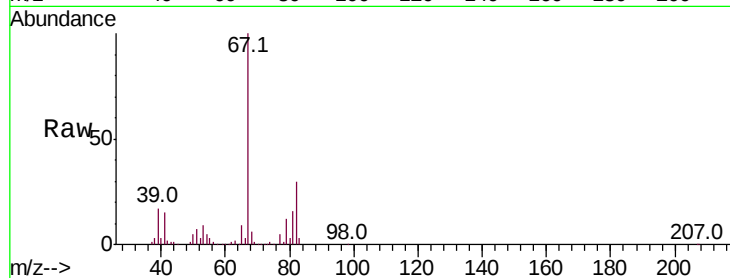
ClientSampleId :

Tot Ion: 83 Resp: 4359

Ion Ratio Lower Upper

83 100

85 0.0 51.9 77.9#



#31

Cyclohexane

Concen: 31.798 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX019324.D

Acq: 05 Nov 2020 19:03

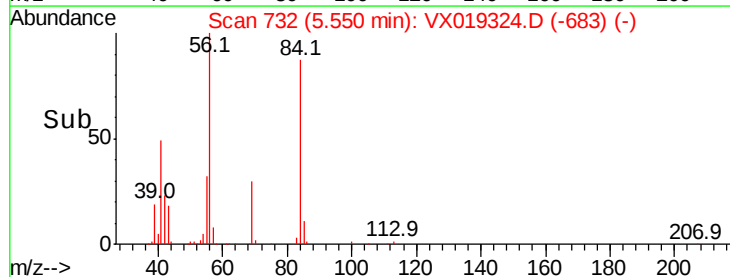
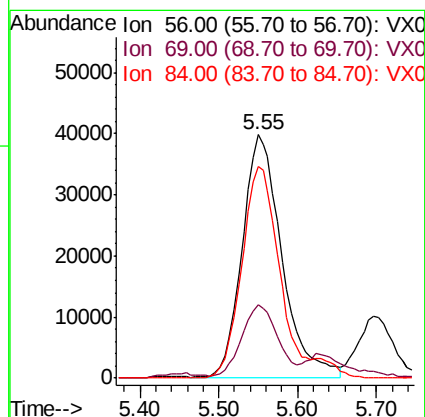
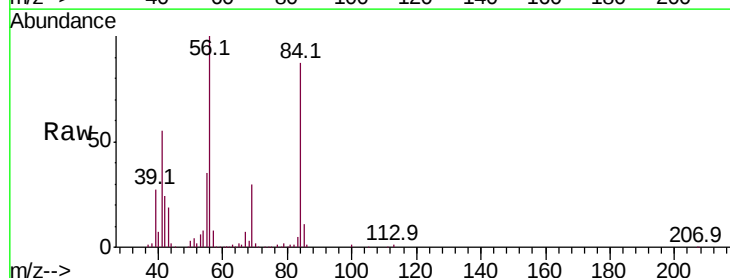
Tgt Ion: 56 Resp: 138511

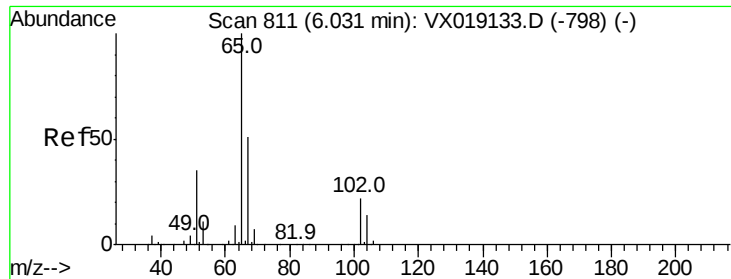
Ion Ratio Lower Upper

56 100

69 29.0 25.9 38.9

84 87.0 73.4 110.2

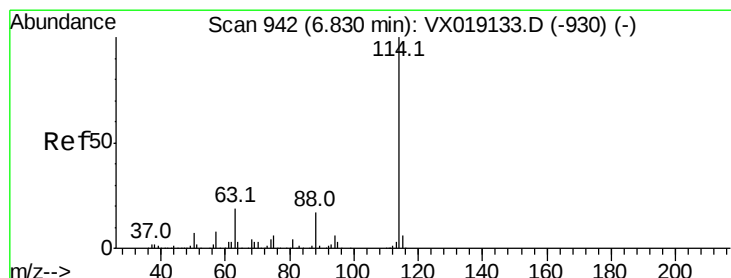
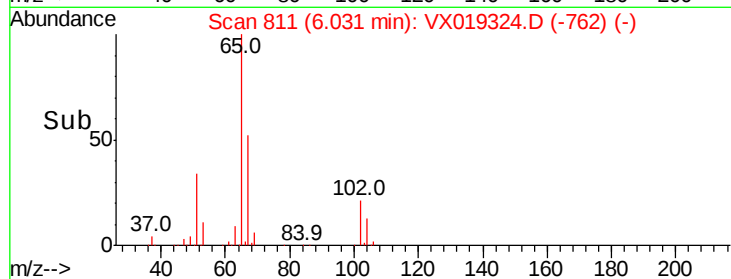
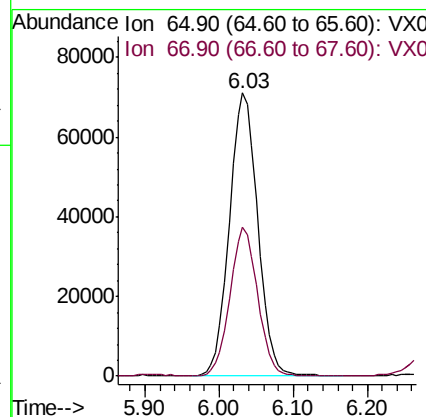
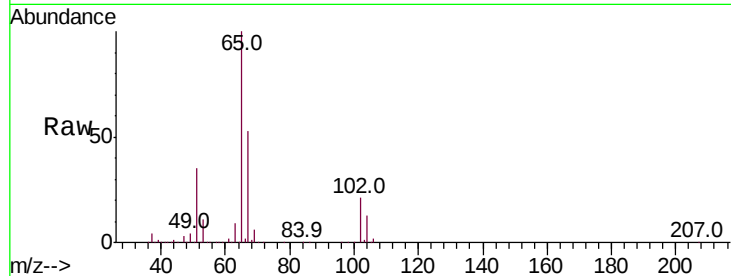




#33
 1,2-Dichloroethane-d4
 Concen: 54.990 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX019324.D
 Acq: 05 Nov 2020 19:03

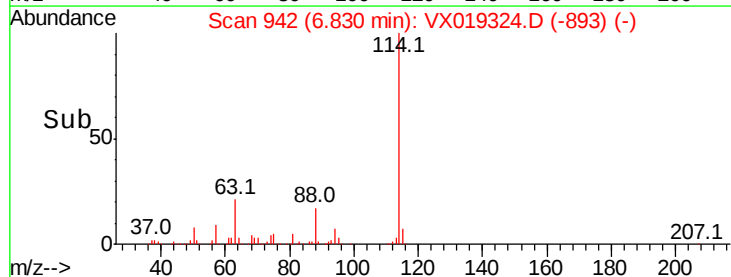
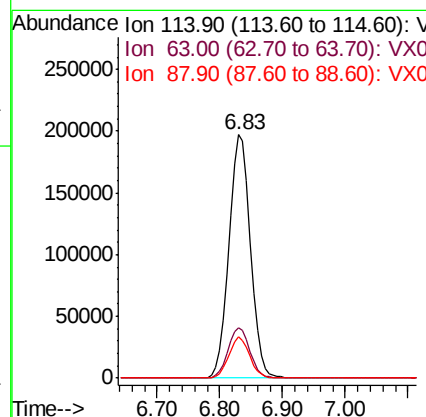
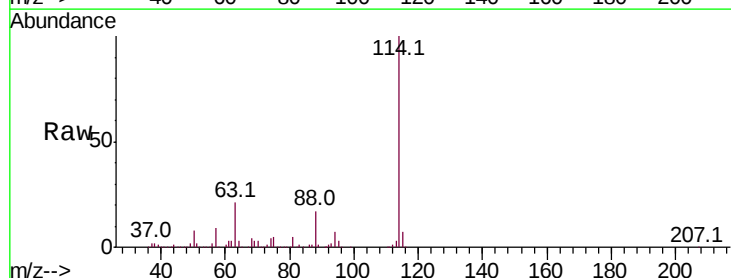
Instrument :
 MSVOA_X
 ClientSampleId :

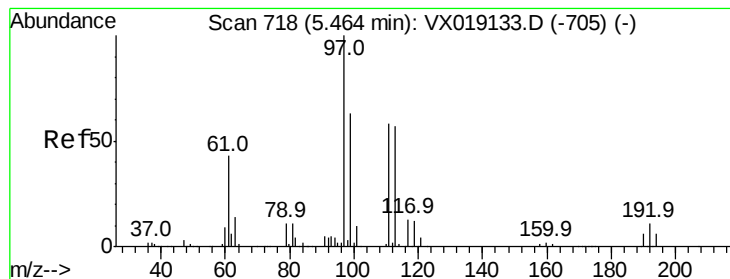
Tot Ion: 65 Resp: 189493
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX019324.D
 Acq: 05 Nov 2020 19:03

Tgt Ion: 114 Resp: 467732
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 38.8
 88 16.9 0.0 34.2





#35

Dibromofluoromethane

Concen: 50.568 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX019324.D

Acq: 05 Nov 2020 19:03

Instrument :

MSVOA_X

ClientSampleId :

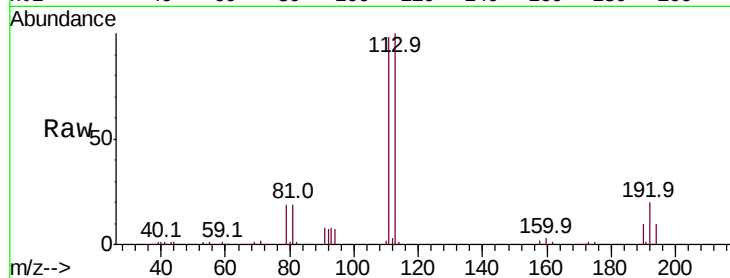
Tot Ion:113 Resp: 148569

Ion Ratio Lower Upper

113 100

111 102.4 82.3 123.5

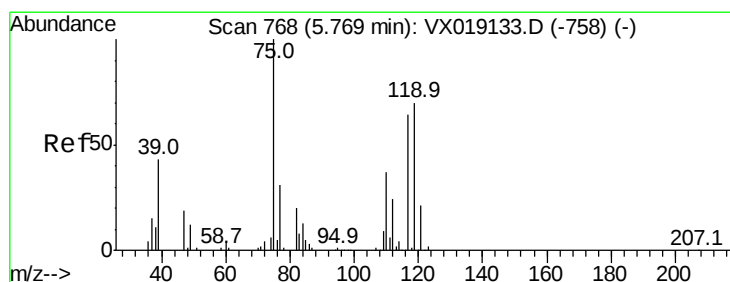
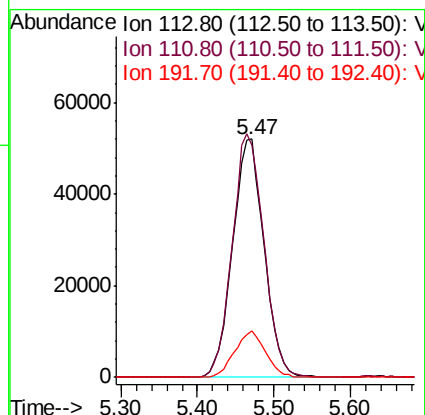
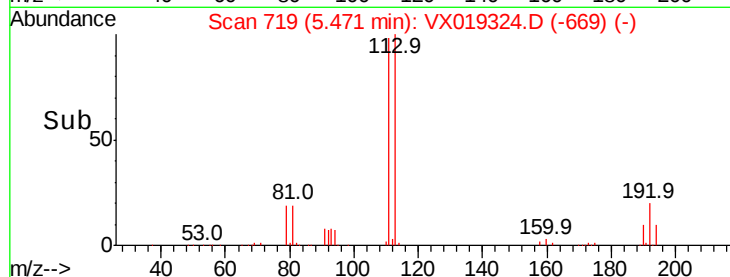
192 19.1 16.2 24.2



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: 5.285 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.15 min

Lab File: VX019324.D

Acq: 05 Nov 2020 19:03

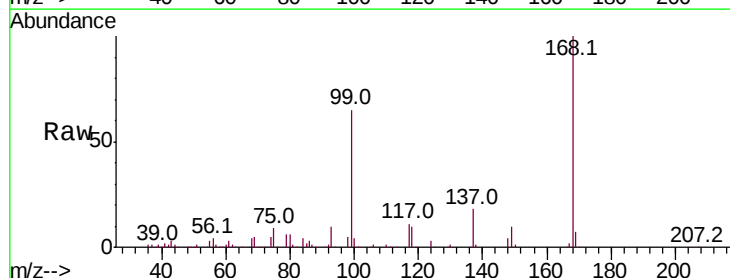
Tgt Ion: 75 Resp: 22826

Ion Ratio Lower Upper

75 100

110 9.0 18.3 54.9#

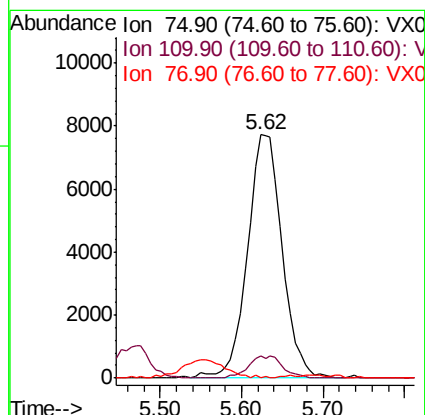
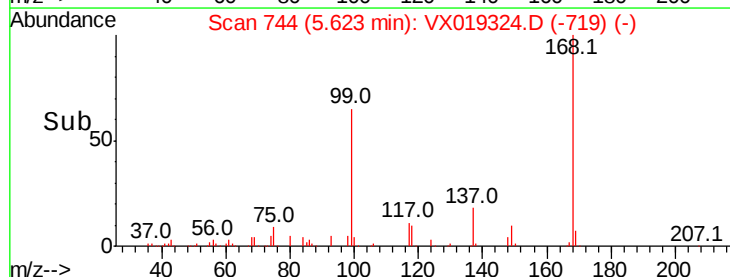
77 0.0 24.9 37.3#

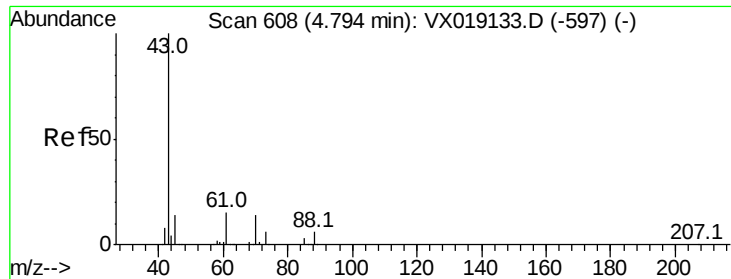


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 13.423 ug/l

RT: 4.79 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX019324.D

Acq: 05 Nov 2020 19:03

Instrument :

MSVOA_X

ClientSampleId :

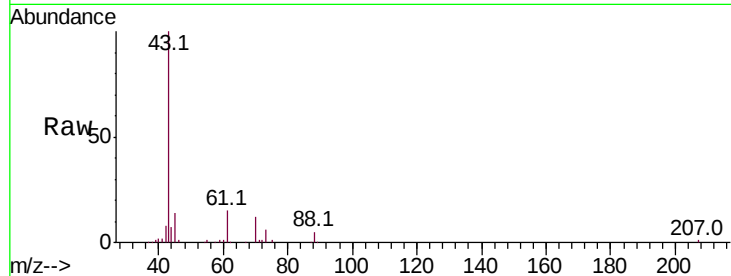
Tot Ion: 43 Resp: 53830

Ion Ratio Lower Upper

43 100

61 15.6 12.5 18.7

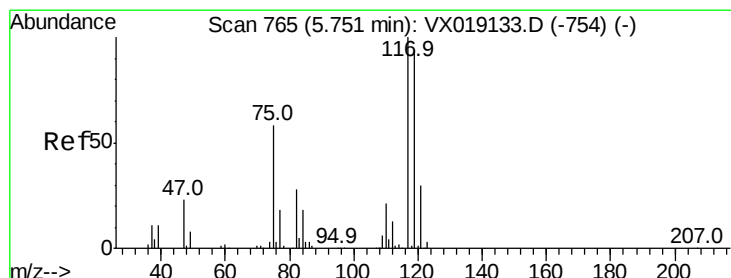
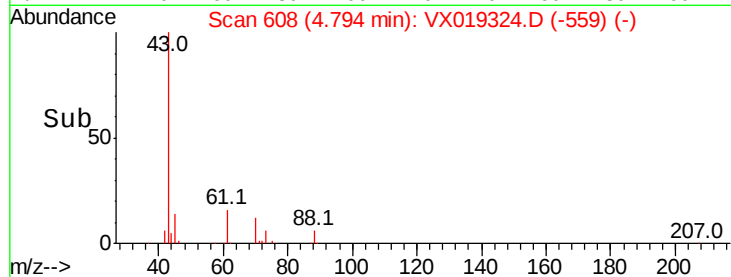
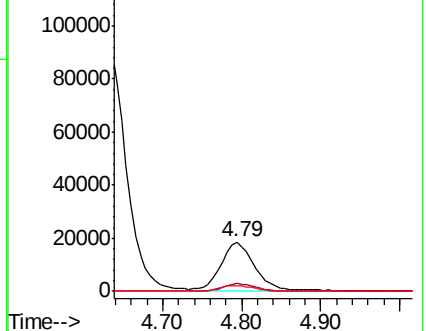
70 13.1 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 6.433 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.12 min

Lab File: VX019324.D

Acq: 05 Nov 2020 19:03

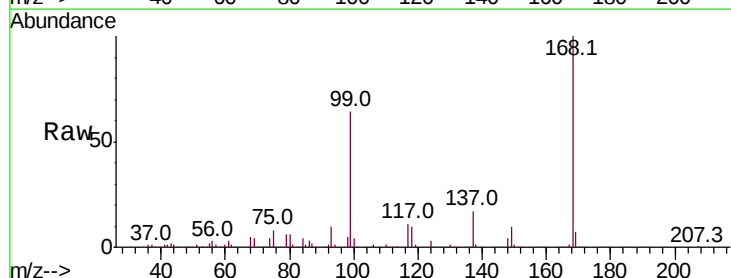
Tgt Ion: 117 Resp: 28323

Ion Ratio Lower Upper

117 100

119 4.9 75.0 112.6#

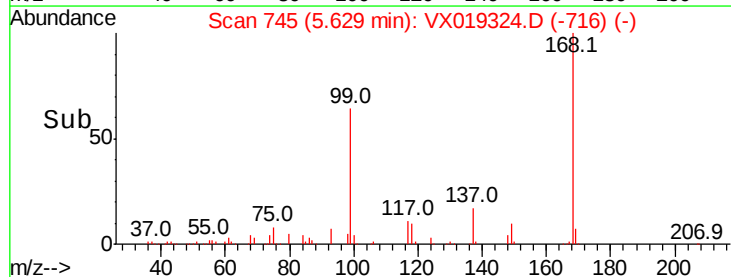
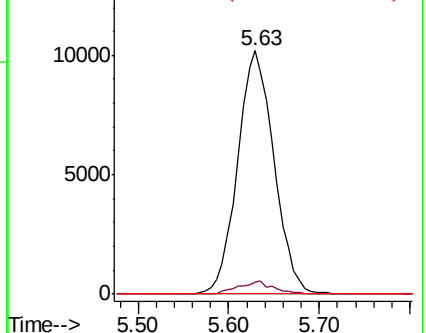
121 0.0 23.9 35.9#

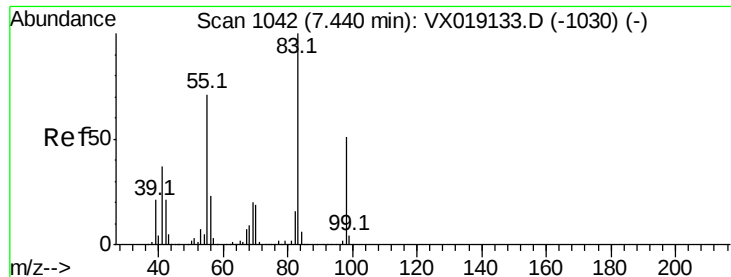


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

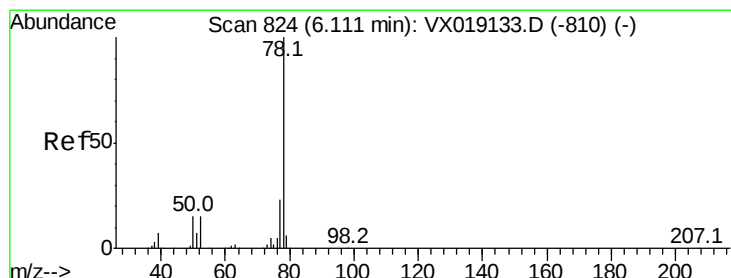
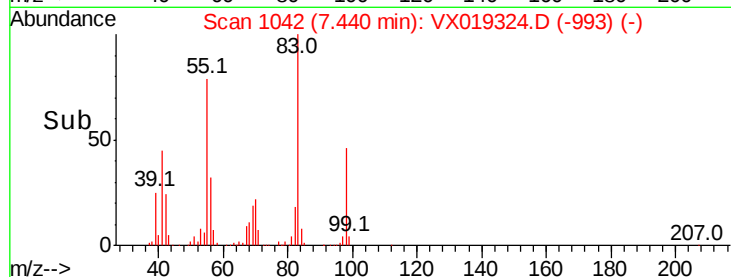
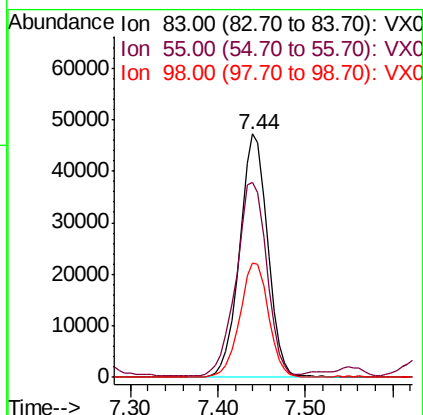
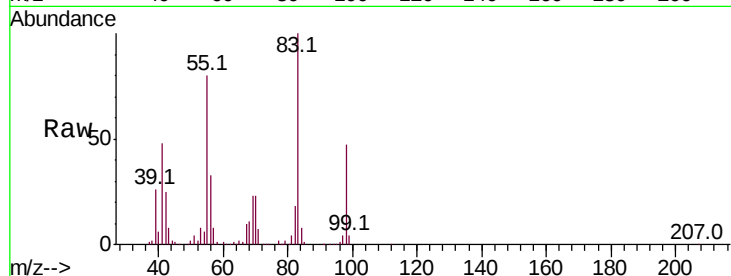




#39
Methvlcvclohexane
Concen: 20.333 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019324.D
Acq: 05 Nov 2020 19:03

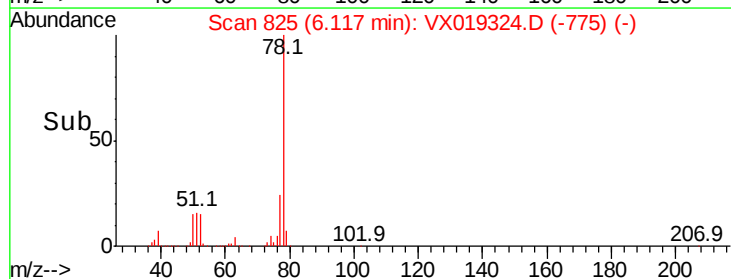
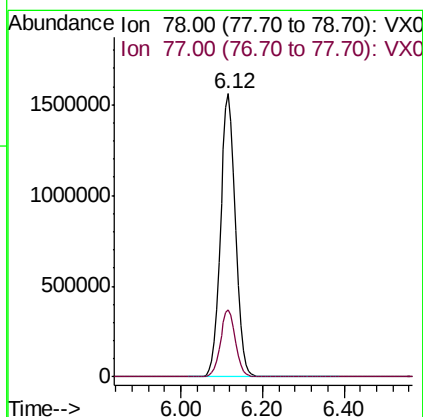
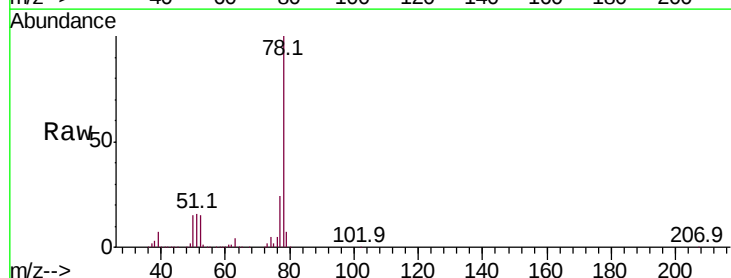
Instrument :
MSVOA_X
ClientSampleId :

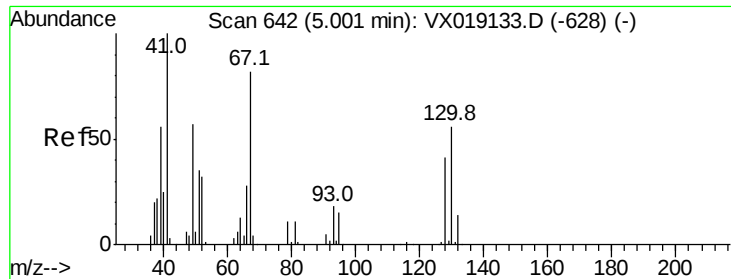
Tot Ion: 83 Resp: 105011
Ion Ratio Lower Upper
83 100
55 79.7 57.0 85.6
98 47.0 40.5 60.7



#40
Benzene
Concen: 329.155 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX019324.D
Acq: 05 Nov 2020 19:03

Tgt Ion: 78 Resp: 4030896
Ion Ratio Lower Upper
78 100
77 23.8 18.7 28.1

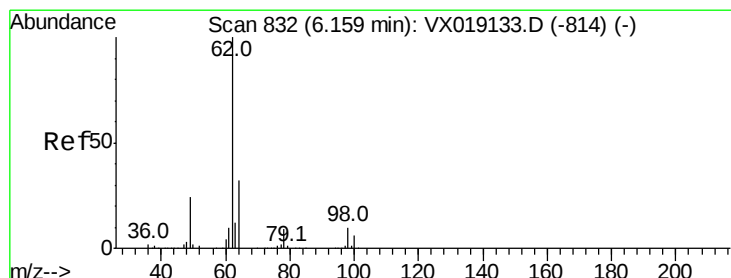
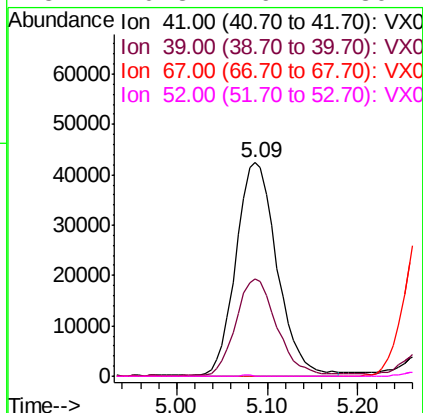
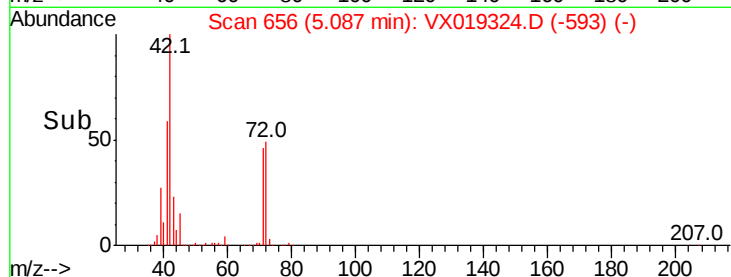
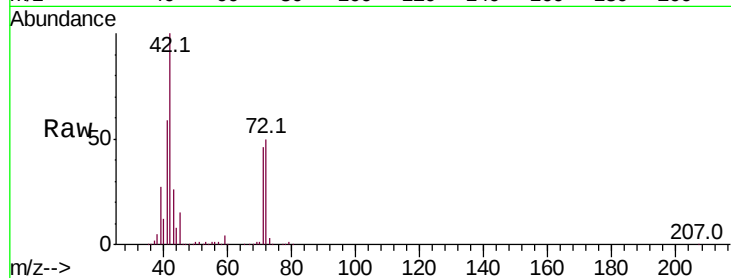




#41
Methacrylonitrile
Concen: 61.433 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.09 min
Lab File: VX019324.D
Acq: 05 Nov 2020 19:03

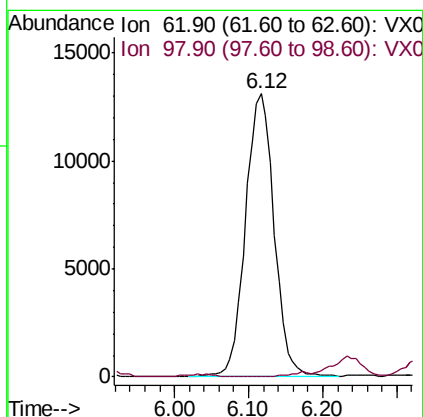
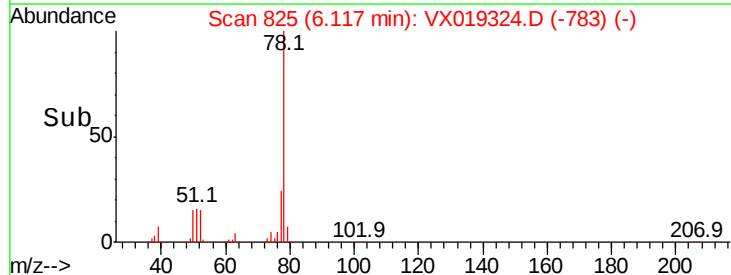
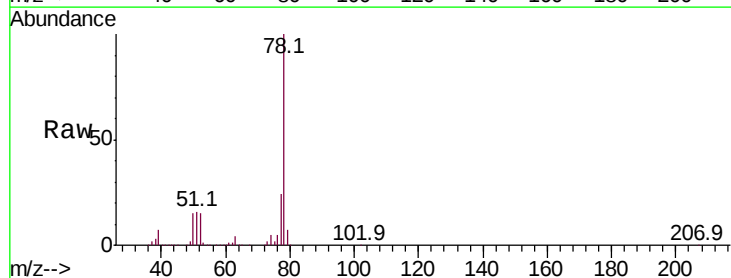
Instrument :
MSVOA_X
ClientSampleId :

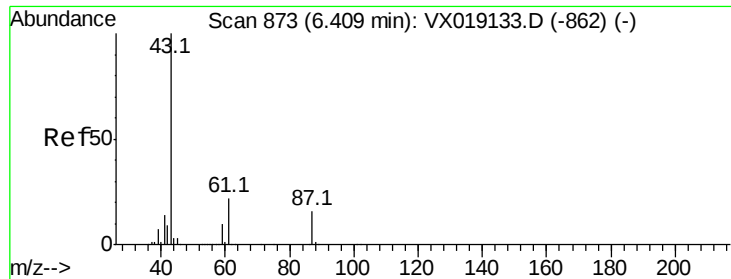
Tot Ion: 41 Resp: 132672
Ion Ratio Lower Upper
41 100
39 45.3 44.4 66.6
67 0.0 66.4 99.6#
52 0.3 26.2 39.4#



#42
1,2-Dichloroethane
Concen: 7.854 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.04 min
Lab File: VX019324.D
Acq: 05 Nov 2020 19:03

Tgt Ion: 62 Resp: 35449
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.0

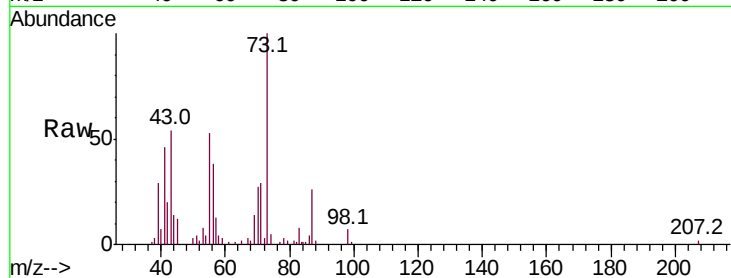




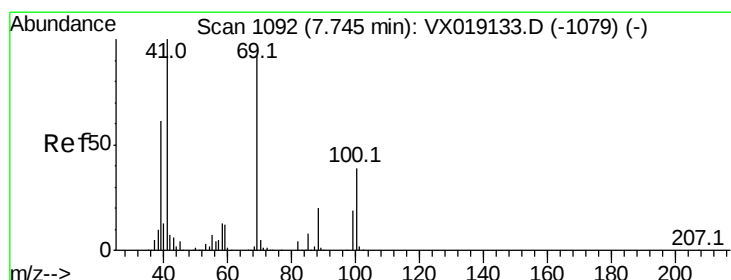
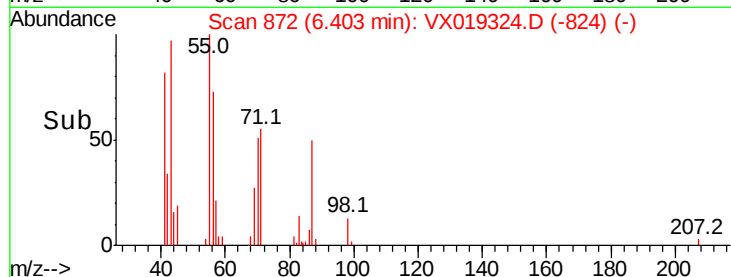
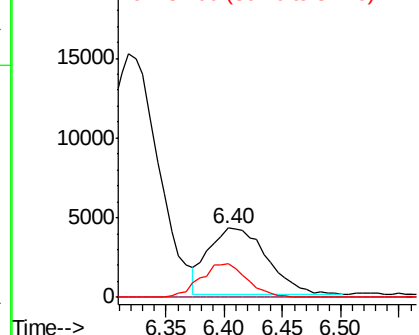
#43
Isopropyl Acetate
Concen: 2.125 ug/l
RT: 6.40 min Scan# 872
Delta R.T. -0.01 min
Lab File: VX019324.D
Acq: 05 Nov 2020 19:03

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 14271
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 41.3 12.6 19.0#

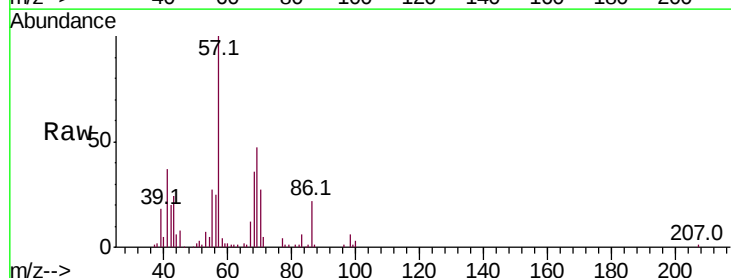


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

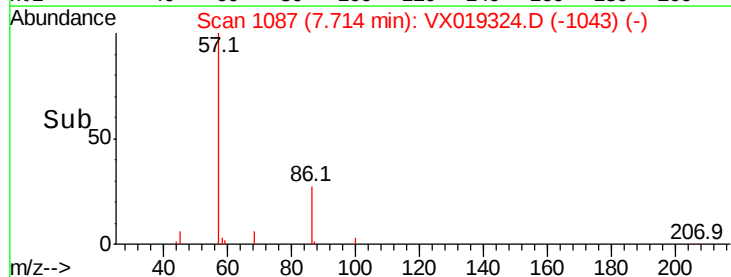
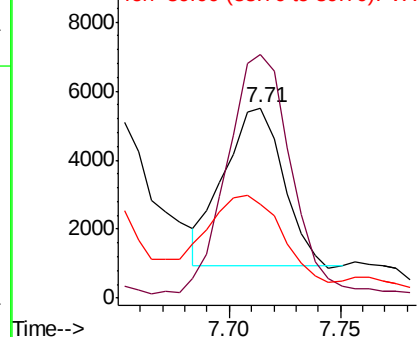


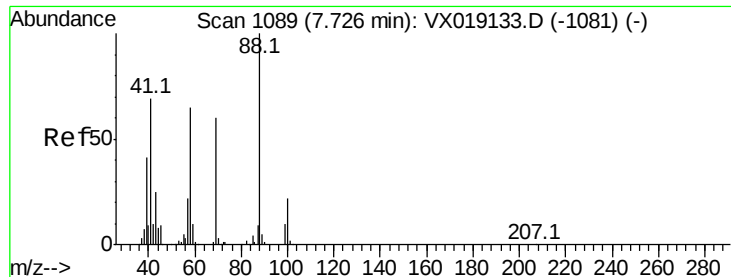
#48
Methyl methacrylate
Concen: 2.611 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.03 min
Lab File: VX019324.D
Acq: 05 Nov 2020 19:03

Tgt Ion: 41 Resp: 8438
Ion Ratio Lower Upper
41 100
69 164.5 75.5 113.3#
39 67.2 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: 0.737 ug/l

RT: 7.69 min Scan# 1083

Delta R.T. -0.04 min

Lab File: VX019324.D

Acq: 05 Nov 2020 19:03

Instrument :
MSVOA_X
ClientSampleId :

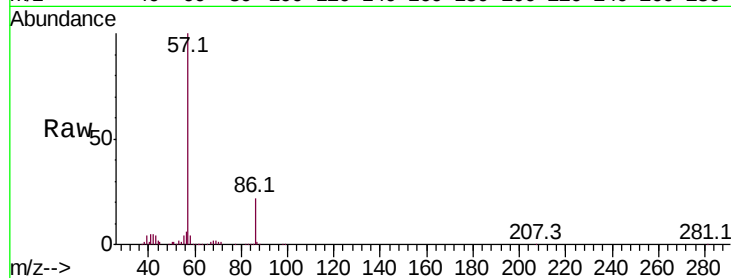
Tot Ion: 88 Resp: 53

Ion Ratio Lower Upper

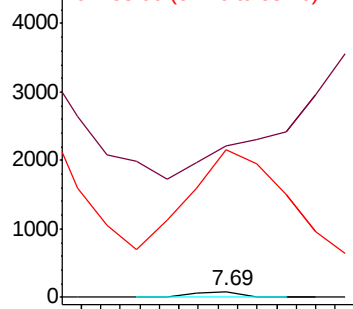
88 100

43 0.0 23.0 34.6#

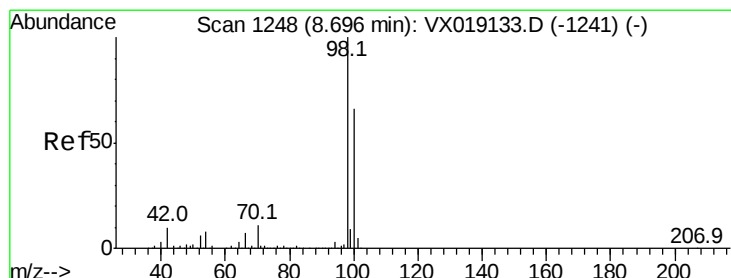
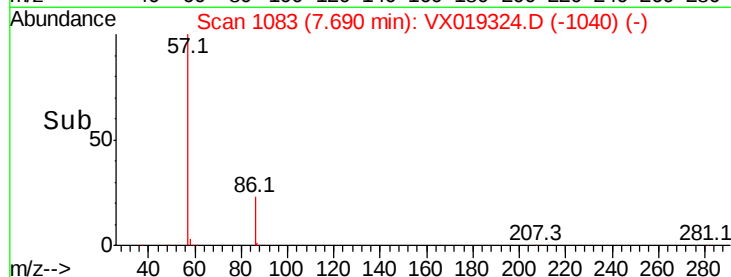
58 7835.8 52.2 78.2#



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



Time-->



#50

Toluene-d8

Concen: 52.594 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019324.D

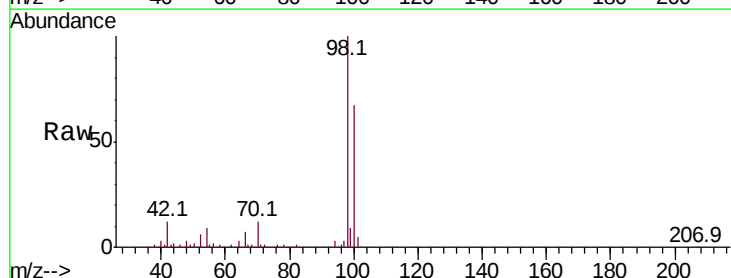
Acq: 05 Nov 2020 19:03

Tgt Ion: 98 Resp: 582492

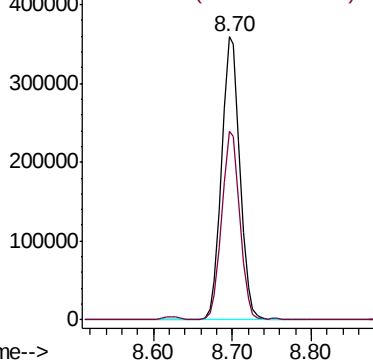
Ion Ratio Lower Upper

98 100

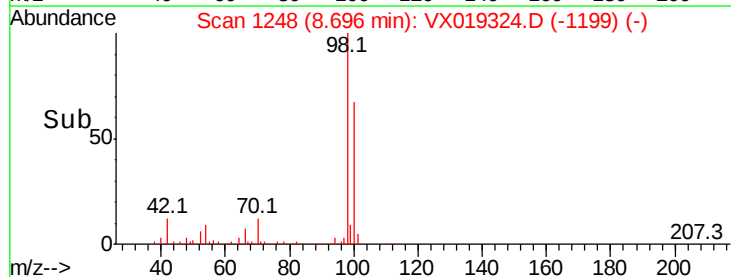
100 65.6 53.0 79.6

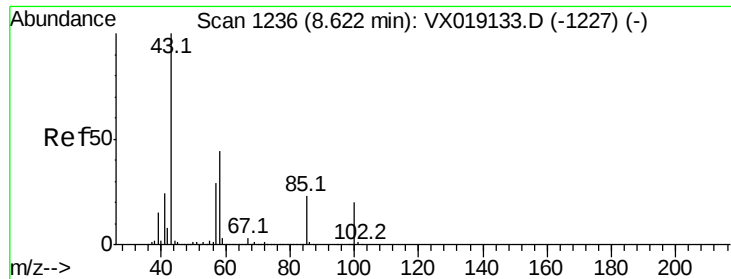


Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



Time-->

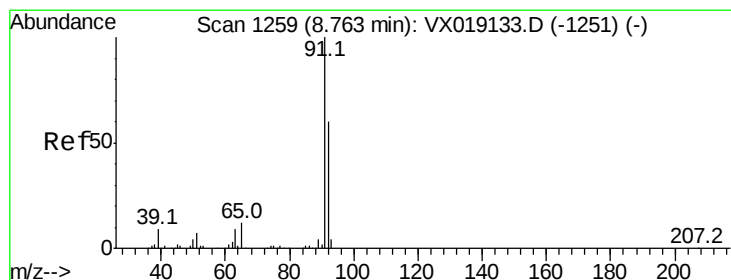
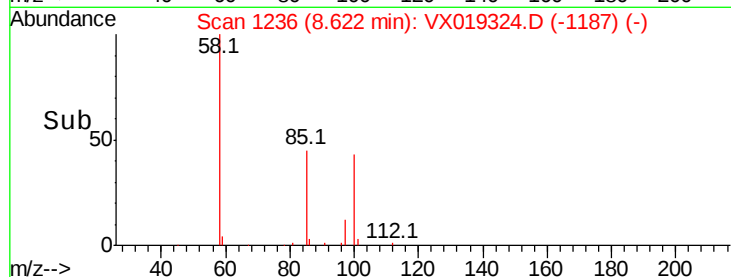
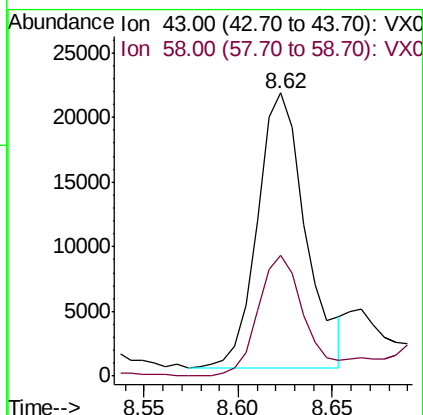
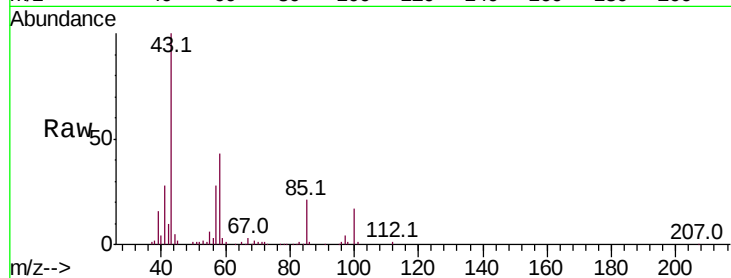




#51
4-Methyl-2-Pentanone
Concen: 9.774 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX019324.D
Acq: 05 Nov 2020 19:03

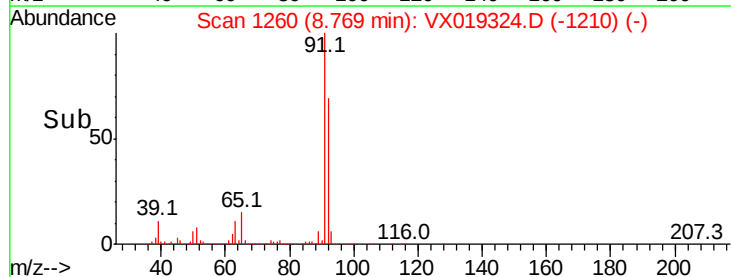
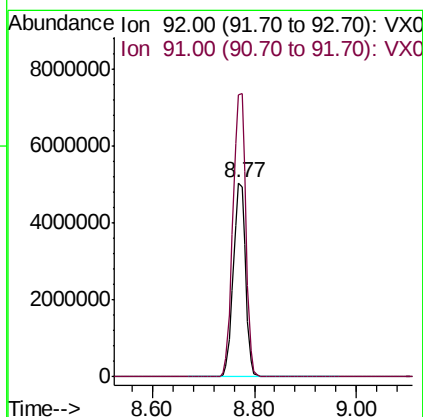
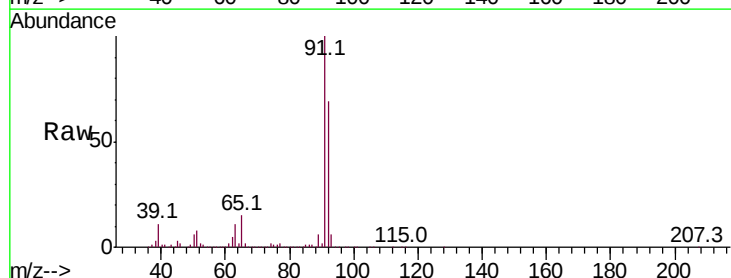
Instrument :
MSVOA_X
ClientSampleId :

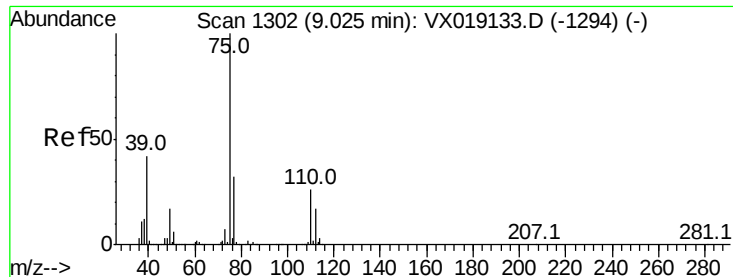
Tot Ion: 43 Resp: 37721
Ion Ratio Lower Upper
43 100
58 41.5 35.0 52.4



#52
Toluene
Concen: 1064.743 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX019324.D
Acq: 05 Nov 2020 19:03

Tgt Ion: 92 Resp: 8397944
Ion Ratio Lower Upper
92 100
91 154.4 136.3 204.5

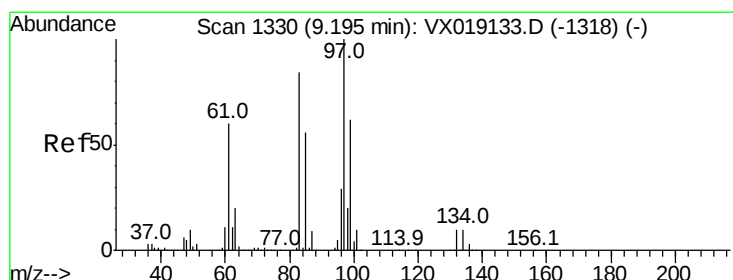
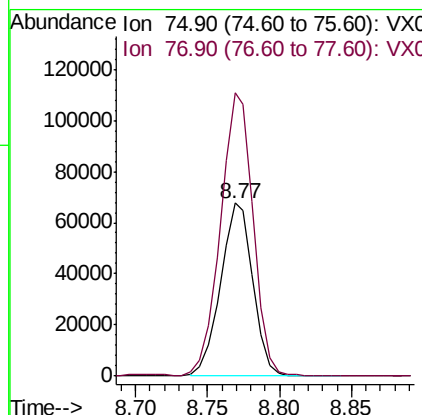
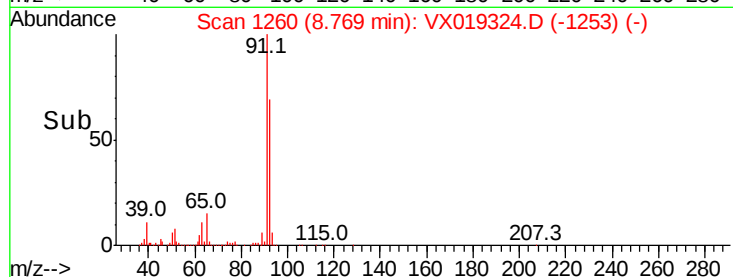
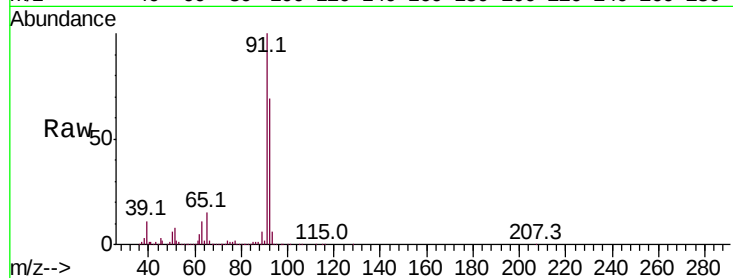




#53
t-1,3-Dichloropropene
Concen: 21.177 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.26 min
Lab File: VX019324.D
Acq: 05 Nov 2020 19:03

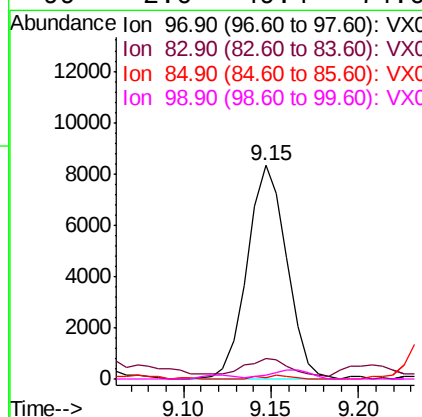
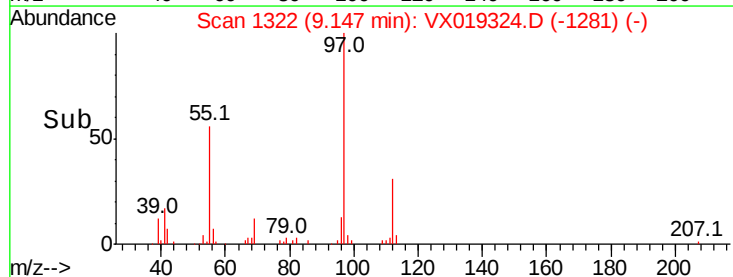
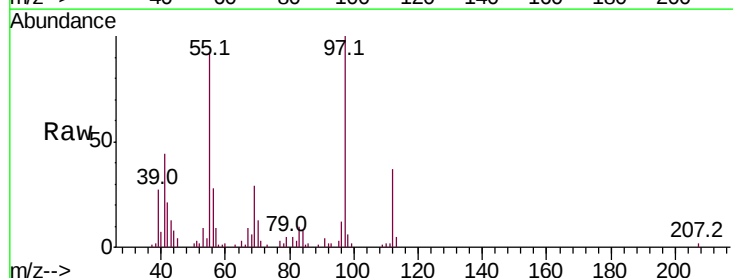
Instrument :
MSVOA_X
ClientSampleId :

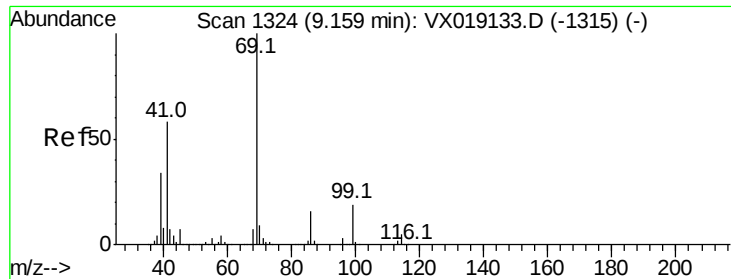
Tot Ion: 75 Resp: 105745
Ion Ratio Lower Upper
75 100
77 163.8 25.4 38.0#



#55
1,1,2-Trichloroethane
Concen: 4.200 ug/l
RT: 9.15 min Scan# 1322
Delta R.T. -0.05 min
Lab File: VX019324.D
Acq: 05 Nov 2020 19:03

Tgt Ion: 97 Resp: 13088
Ion Ratio Lower Upper
97 100
83 7.3 67.2 100.8#
85 0.9 44.6 67.0#
99 2.0 49.4 74.0#





#56

Ethyl methacrylate

Concen: 1.240 ug/l

RT: 9.15 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX019324.D

Acq: 05 Nov 2020 19:03

Instrument :

MSVOA_X

ClientSampled :

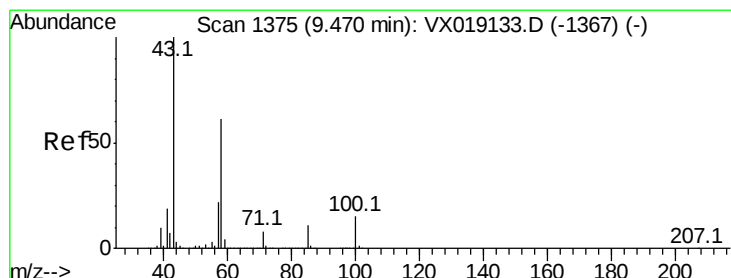
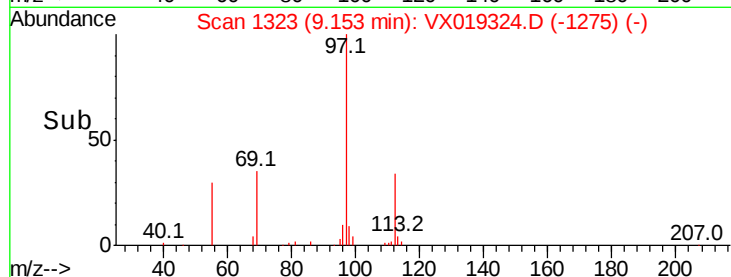
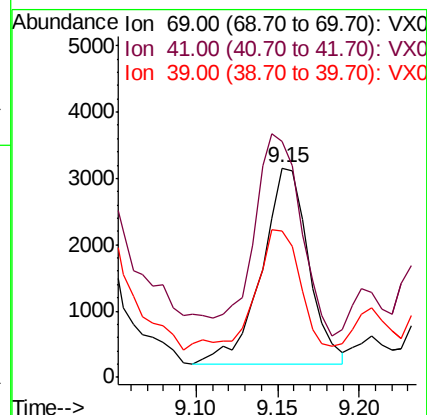
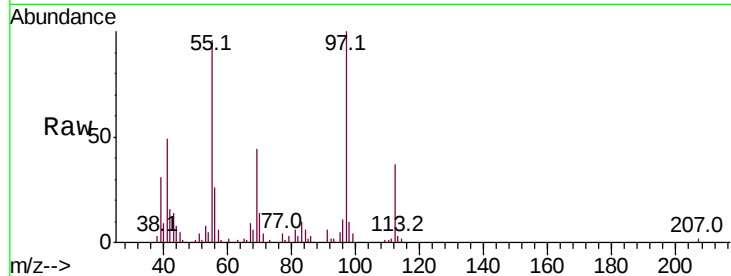
Tot Ion: 69 Resp: 5836

Ion Ratio Lower Upper

69 100

41 103.2 46.5 69.7#

39 58.5 27.6 41.4#



#59

2-Hexanone

Concen: 8.124 ug/l

RT: 9.47 min Scan# 1375

Delta R.T. 0.00 min

Lab File: VX019324.D

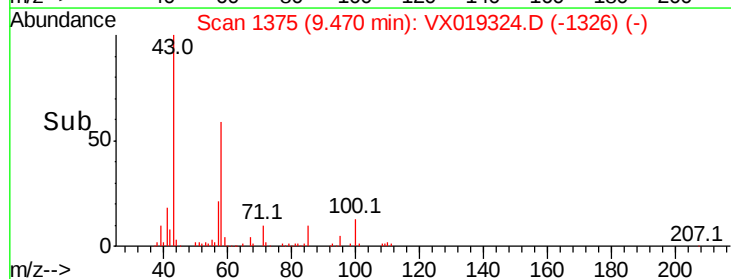
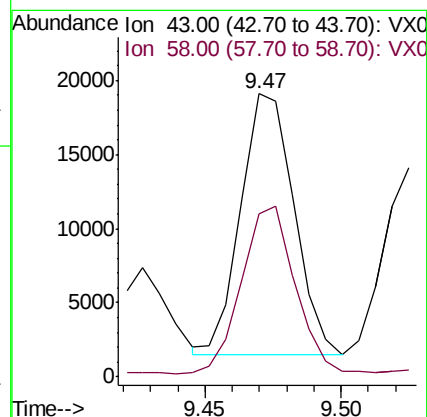
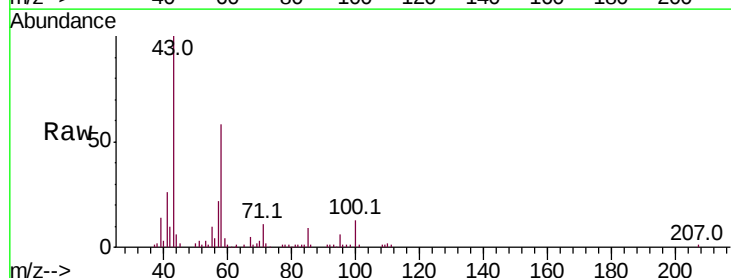
Acq: 05 Nov 2020 19:03

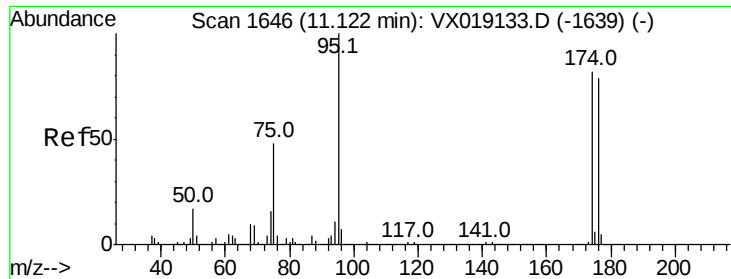
Tgt Ion: 43 Resp: 23867

Ion Ratio Lower Upper

43 100

58 65.6 30.5 91.5





#62

4-Bromofluorobenzene

Concen: 57.989 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019324.D

Acq: 05 Nov 2020 19:03

Instrument :

MSVOA_X

ClientSampleId :

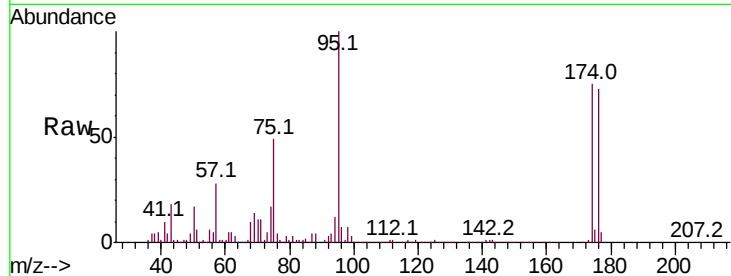
Tot Ion: 95 Resp: 243221

Ion Ratio Lower Upper

95 100

174 73.8 0.0 156.0

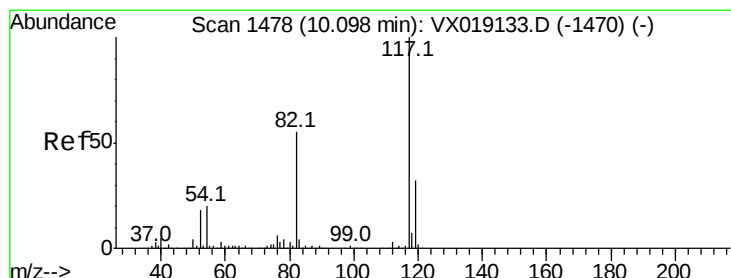
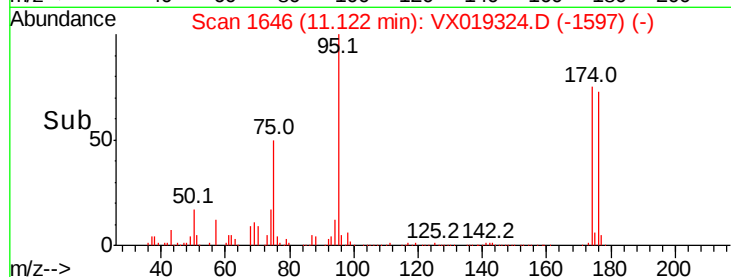
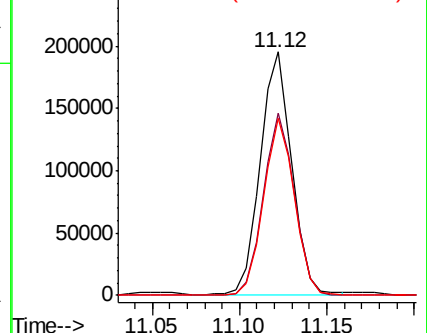
176 71.7 0.0 149.8



Abundance Ion 94.90 (94.60 to 95.60): VX019324.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX019324.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX019324.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX019324.D

Acq: 05 Nov 2020 19:03

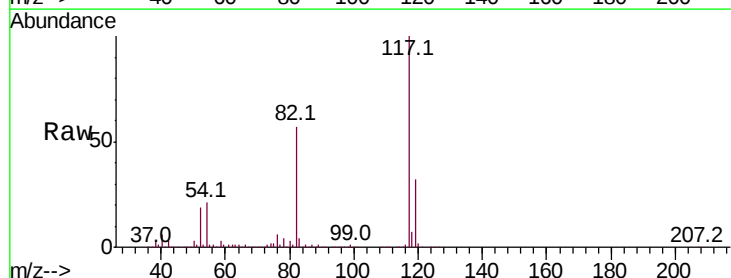
Tgt Ion: 117 Resp: 455732

Ion Ratio Lower Upper

117 100

82 57.2 43.6 65.4

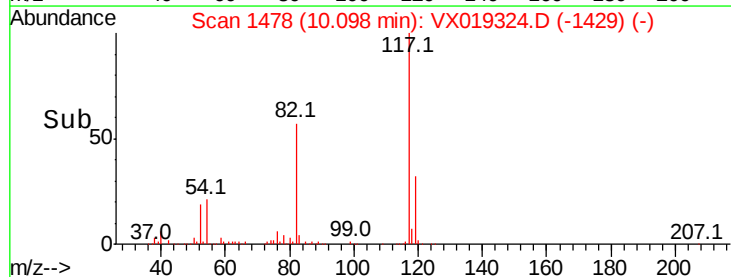
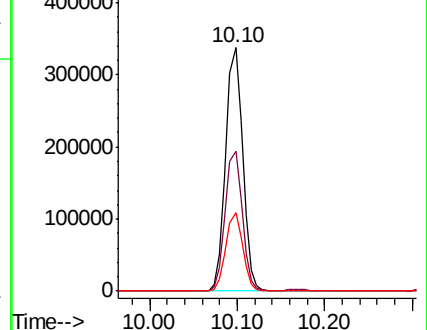
119 32.2 25.5 38.3

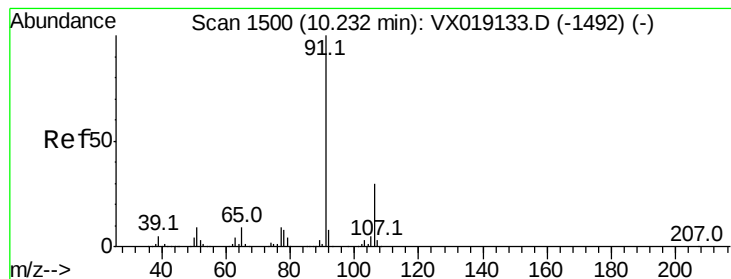


Abundance Ion 116.90 (116.60 to 117.60): VX019324.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX019324.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX019324.D (-1470) (-)





#67

Ethyl Benzene

Concen: 113.964 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX019324.D

Acq: 05 Nov 2020 19:03

Instrument :

MSVOA_X

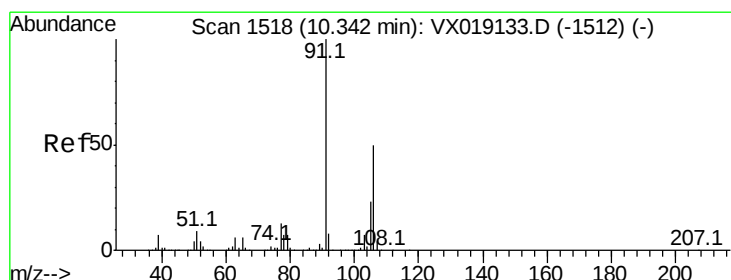
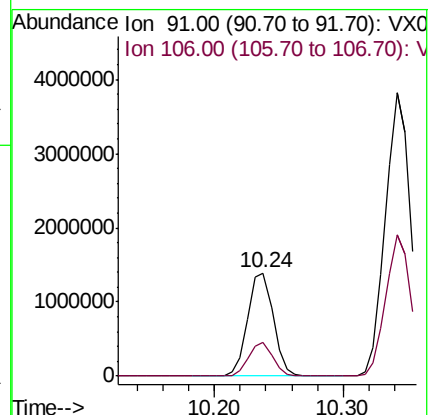
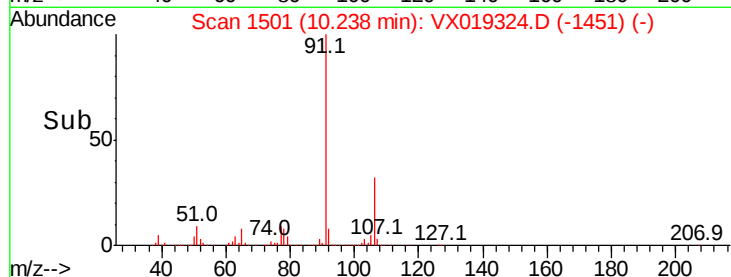
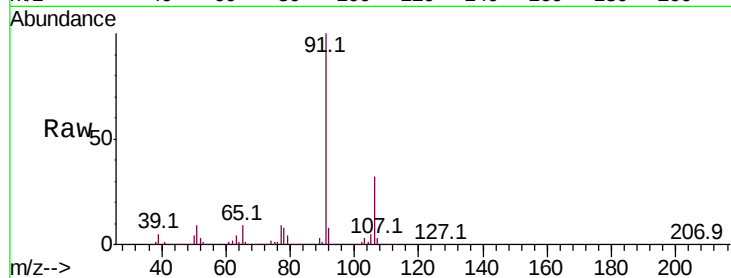
ClientSampled :

Tot Ion: 91 Resp: 1891587

Ion Ratio Lower Upper

91 100

106 32.3 24.3 36.5



#68

m/p-Xylenes

Concen: 414.190 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019324.D

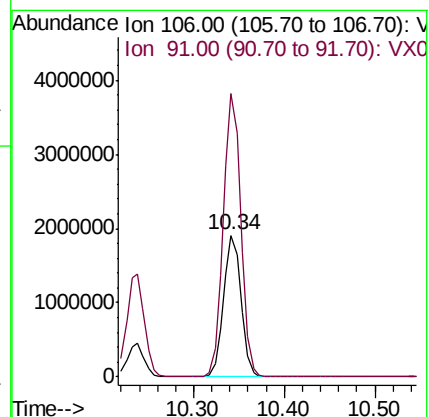
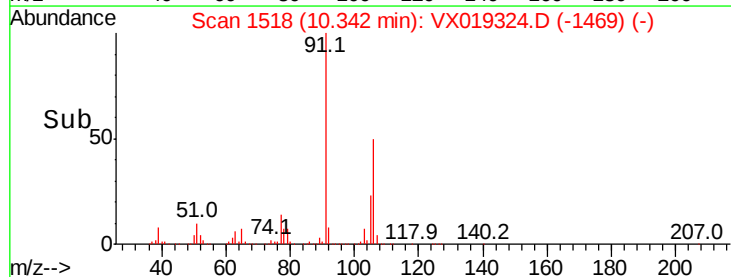
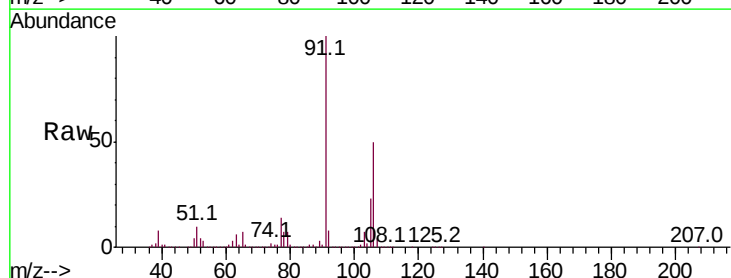
Acq: 05 Nov 2020 19:03

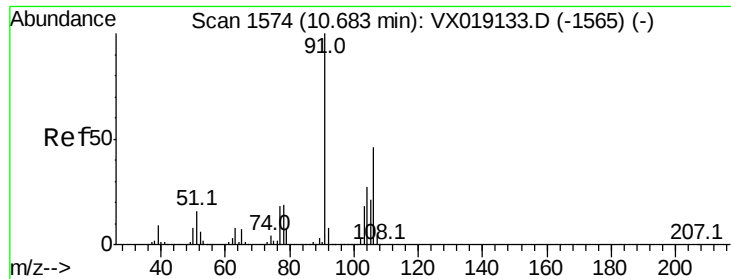
Tgt Ion: 106 Resp: 2580211

Ion Ratio Lower Upper

106 100

91 201.1 161.0 241.4

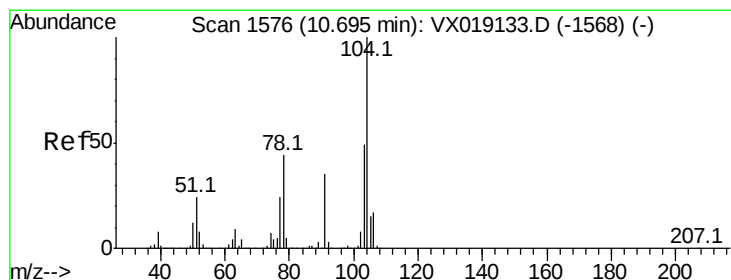
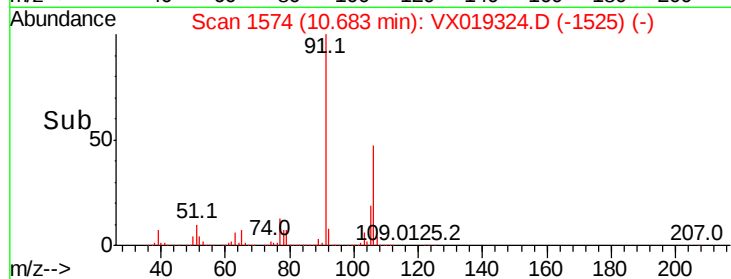
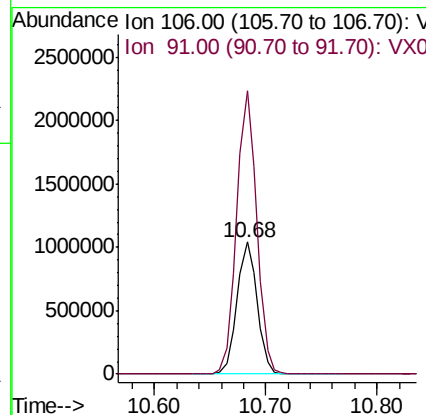
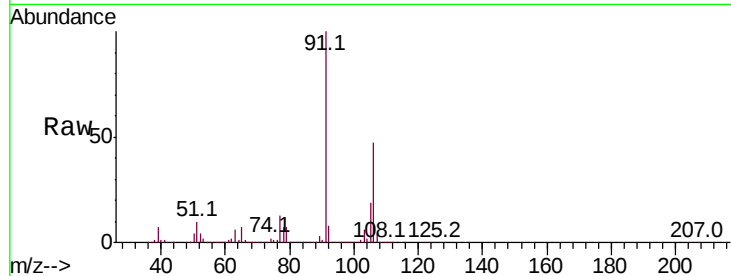




#69
o-Xylene
Concen: 219.776 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019324.D
Acq: 05 Nov 2020 19:03

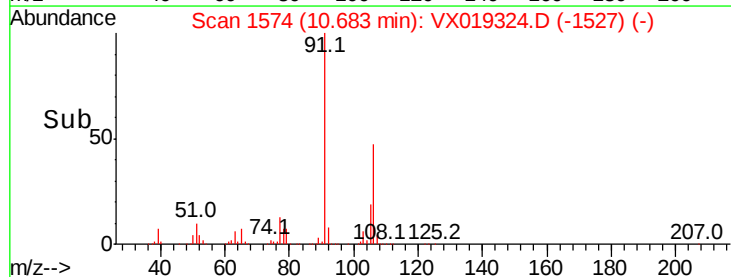
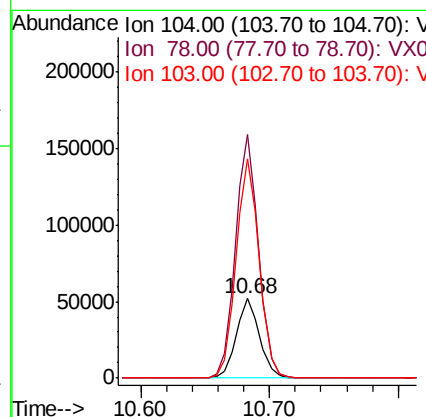
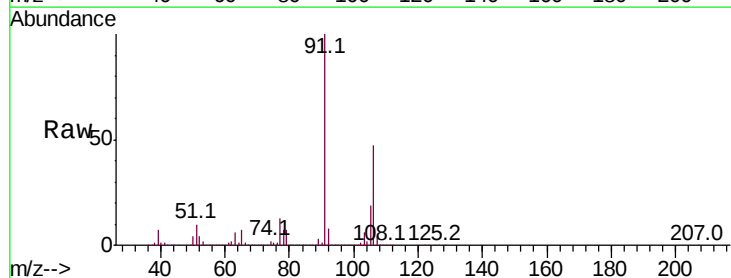
Instrument :
MSVOA_X
ClientSampled :

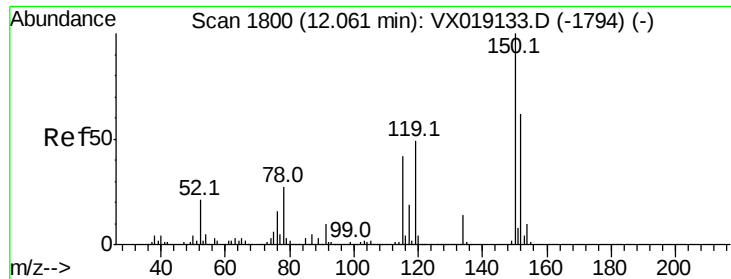
Tot Ion:106 Resp: 1298588
Ion Ratio Lower Upper
106 100
91 214.7 108.3 324.8



#70
Styrene
Concen: 6.491 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.01 min
Lab File: VX019324.D
Acq: 05 Nov 2020 19:03

Tgt Ion:104 Resp: 65435
Ion Ratio Lower Upper
104 100
78 303.4 40.0 60.0#
103 274.4 43.5 65.3#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019324.D

Acq: 05 Nov 2020 19:03

Instrument :

MSVOA_X

ClientSampleId :

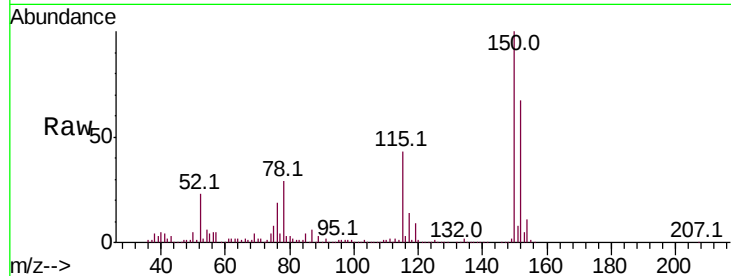
Tot Ion:152 Resp: 240158

Ion Ratio Lower Upper

152 100

115 64.6 41.9 125.7

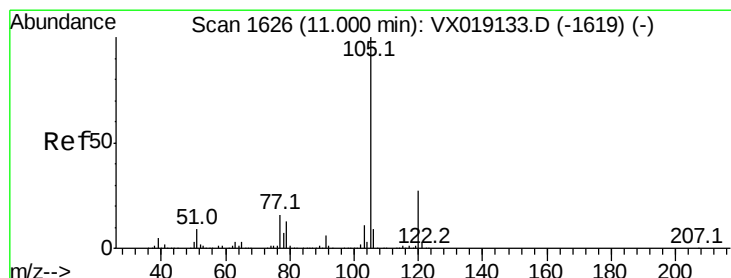
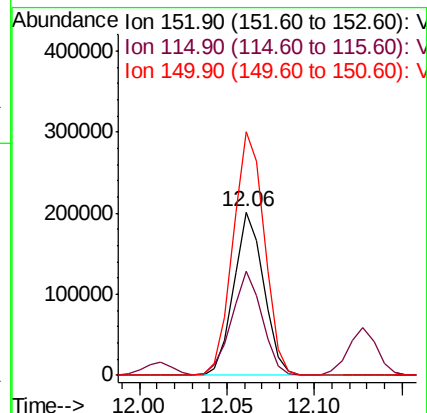
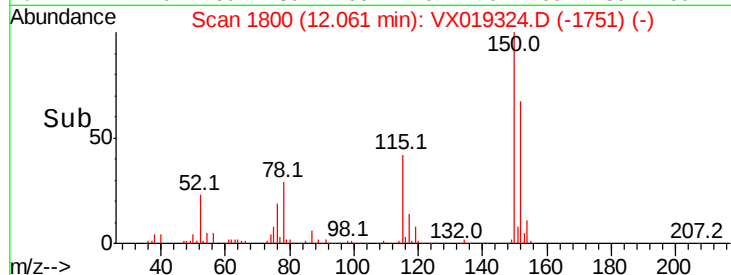
150 156.4 0.0 347.8



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: 8.717 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019324.D

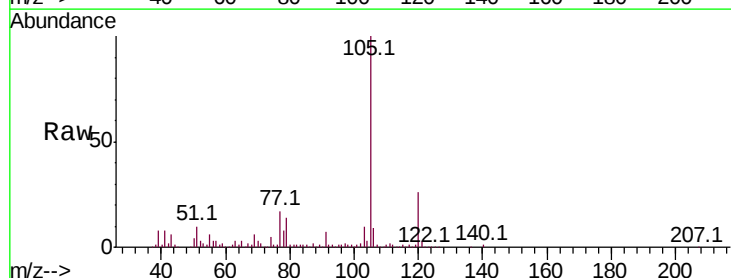
Acq: 05 Nov 2020 19:03

Tgt Ion:105 Resp: 148189

Ion Ratio Lower Upper

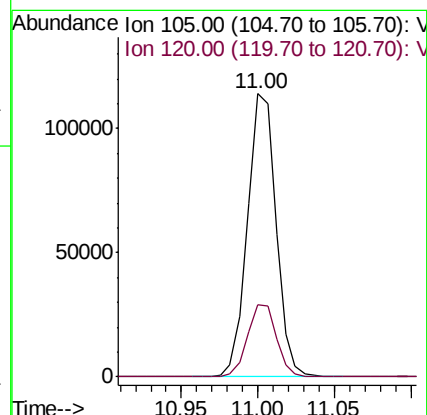
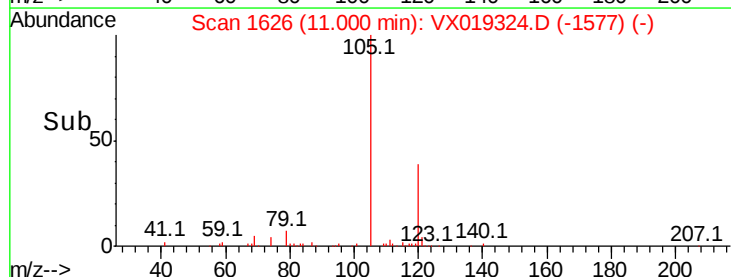
105 100

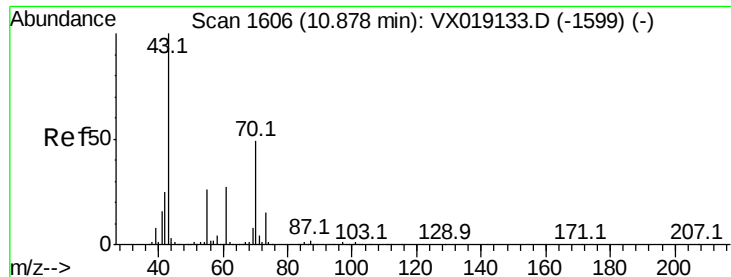
120 25.8 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 2.649 ug/l

RT: 10.90 min Scan# 1609

Delta R.T. 0.02 min

Lab File: VX019324.D

Acq: 05 Nov 2020 19:03

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 16464

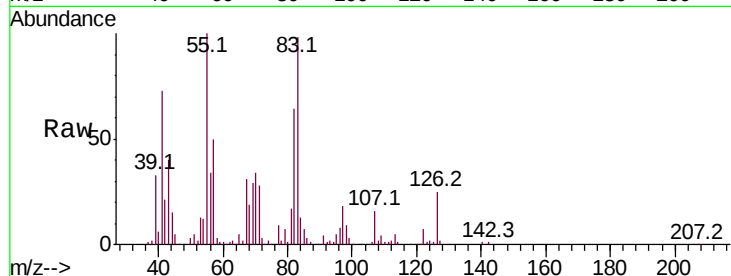
Ion Ratio Lower Upper

43 100

70 98.0 39.6 59.4#

55 307.4 20.7 31.1#

61 0.0 21.9 32.9#

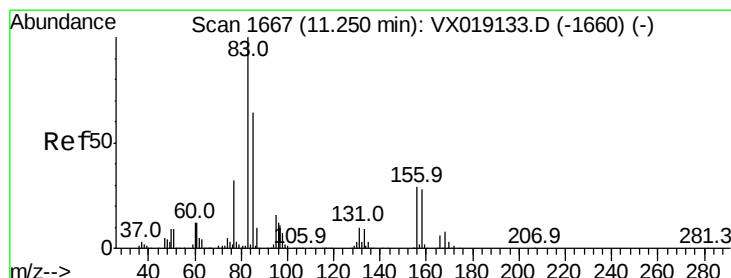
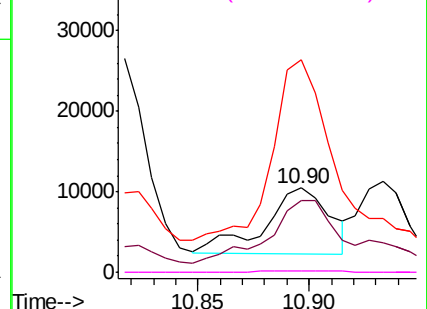
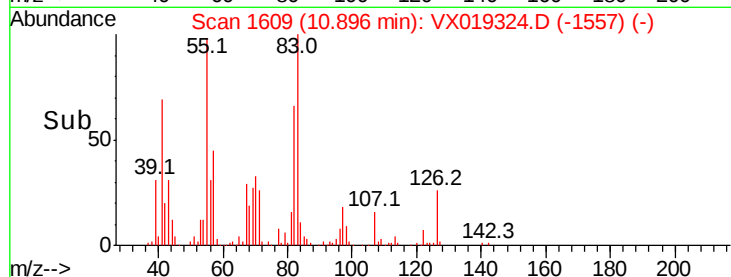


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 1.850 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX019324.D

Acq: 05 Nov 2020 19:03

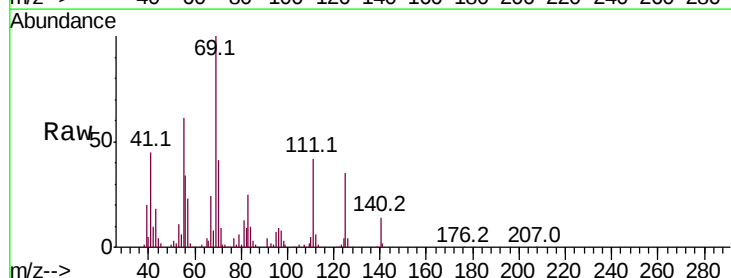
Tgt Ion: 83 Resp: 9830

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

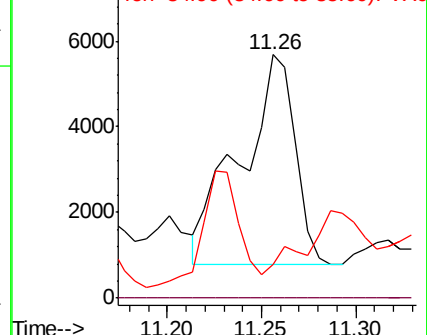
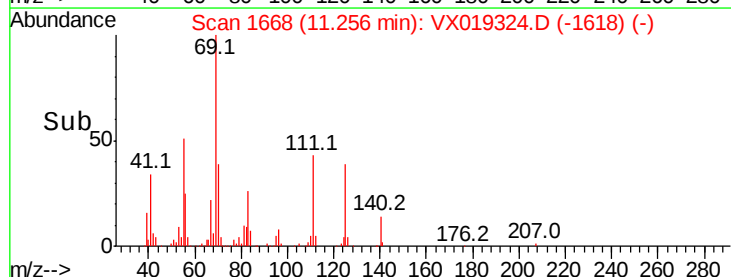
85 0.0 32.1 96.3#

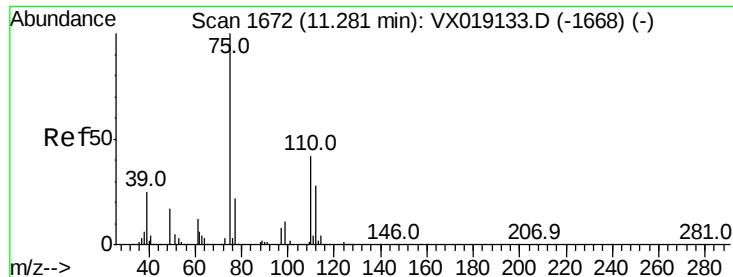


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 4.637 ug/l

RT: 11.42 min Scan# 1695

Delta R.T. 0.14 min

Lab File: VX019324.D

Acq: 05 Nov 2020 19:03

Instrument :

MSVOA_X

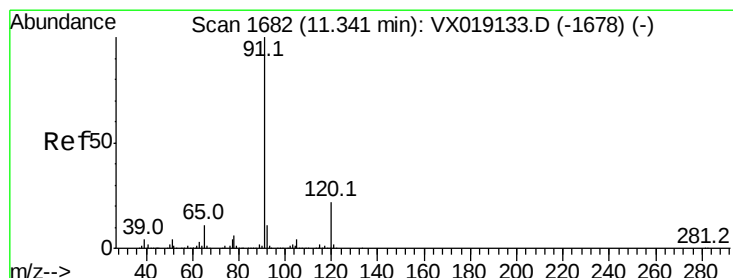
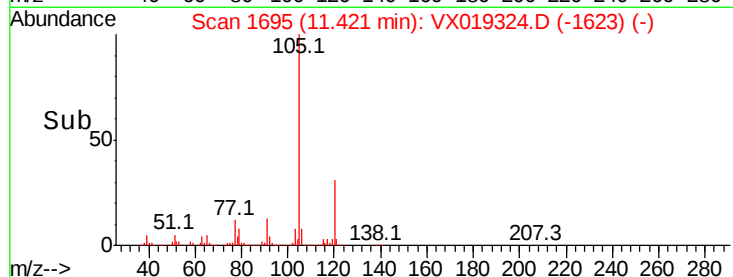
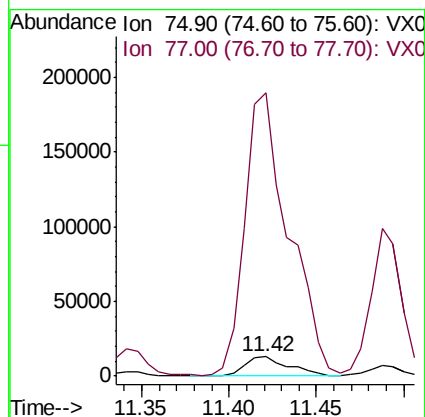
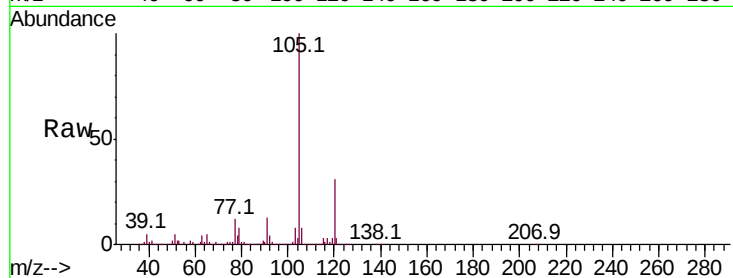
ClientSampleId :

Tot Ion: 75 Resp: 22994

Ion Ratio Lower Upper

75 100

77 1433.8 20.3 60.9#



#78

n-propylbenzene

Concen: 29.443 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019324.D

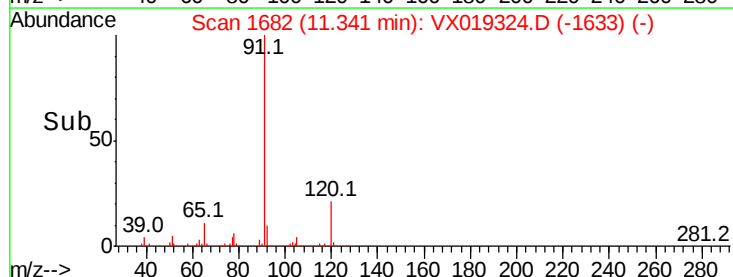
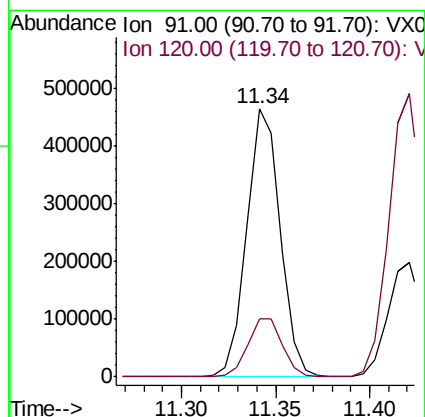
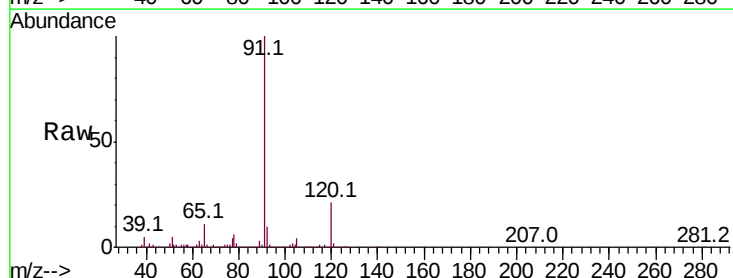
Acq: 05 Nov 2020 19:03

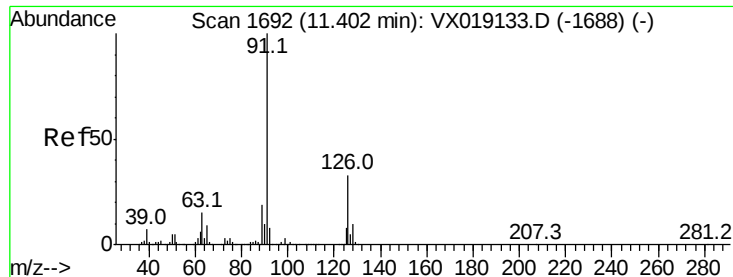
Tgt Ion: 91 Resp: 571359

Ion Ratio Lower Upper

91 100

120 22.5 11.7 35.0

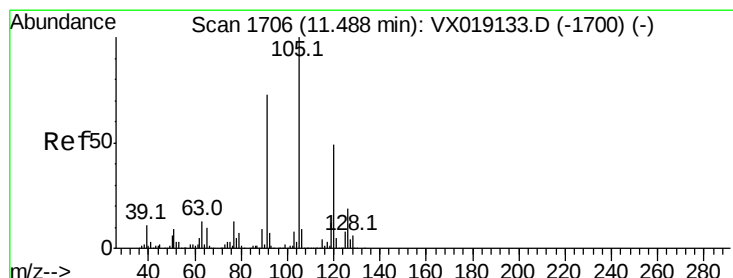
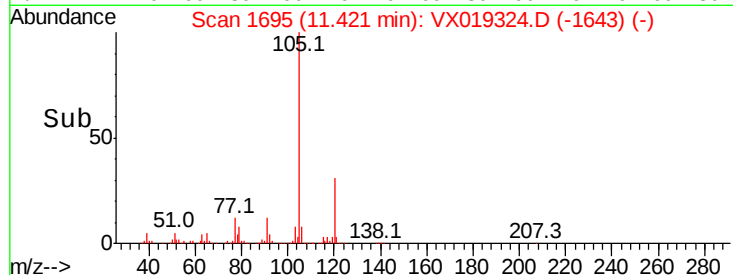
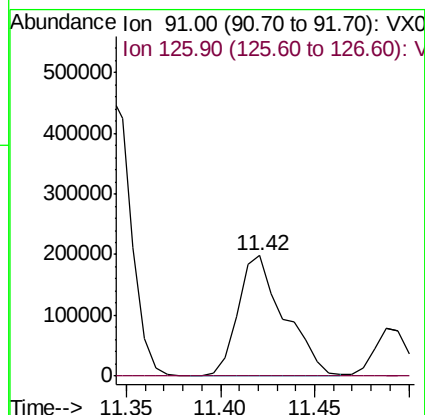
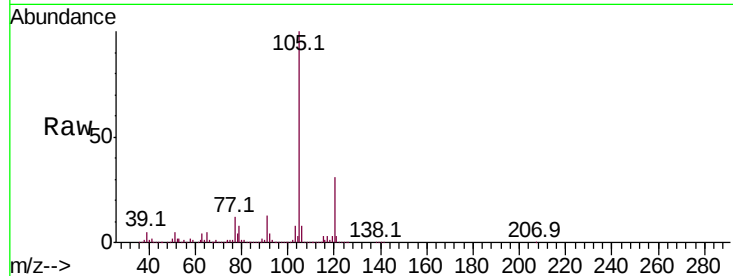




#79
 2-Chlorotoluene
 Concen: 29.430 ug/l
 RT: 11.42 min Scan# 1695
 Delta R.T. 0.02 min
 Lab File: VX019324.D
 Acq: 05 Nov 2020 19:03

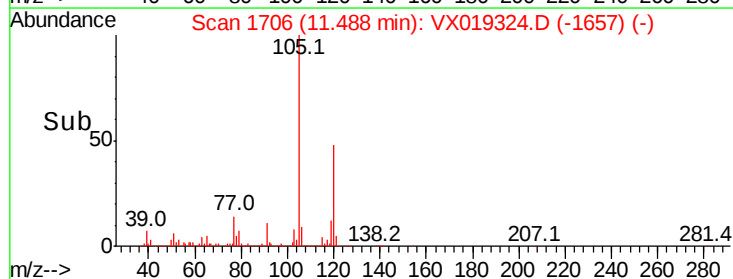
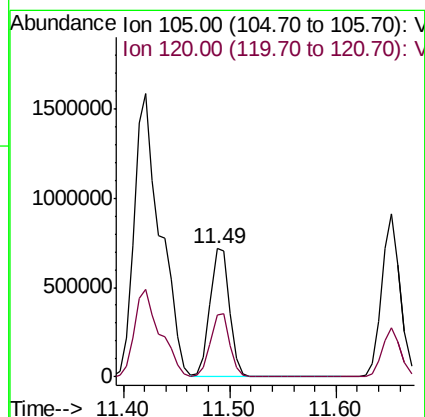
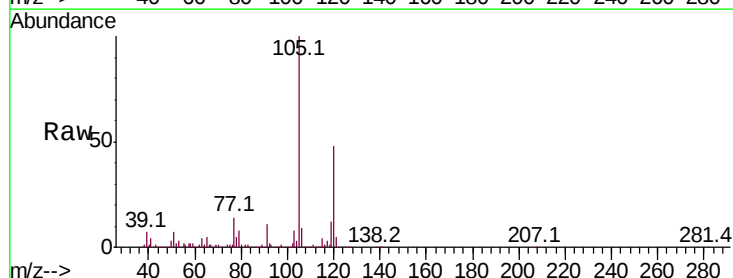
Instrument :
 MSVOA_X
 ClientSampleId :

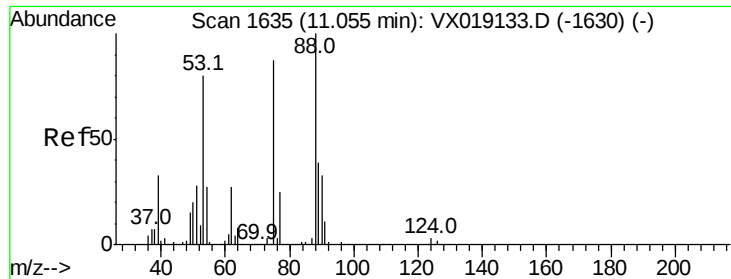
Tot Ion: 91 Resp: 336230
 Ion Ratio Lower Upper
 91 100
 126 0.1 16.9 50.7#



#80
 1,3,5-Trimethylbenzene
 Concen: 62.188 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX019324.D
 Acq: 05 Nov 2020 19:03

Tgt Ion: 105 Resp: 893093
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 64.603 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX019324.D

Acq: 05 Nov 2020 19:03

Instrument :

MSVOA_X

ClientSampleId :

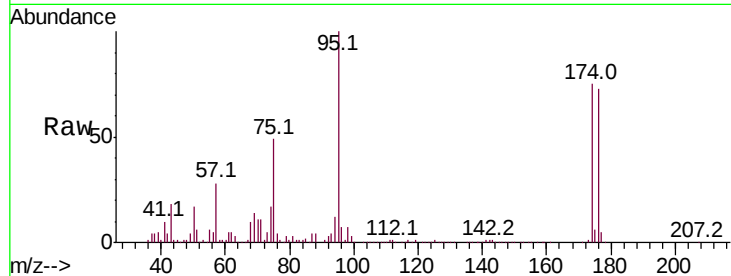
Tot Ion: 75 Resp: 121668

Ion Ratio Lower Upper

75 100

53 2.3 73.3 109.9#

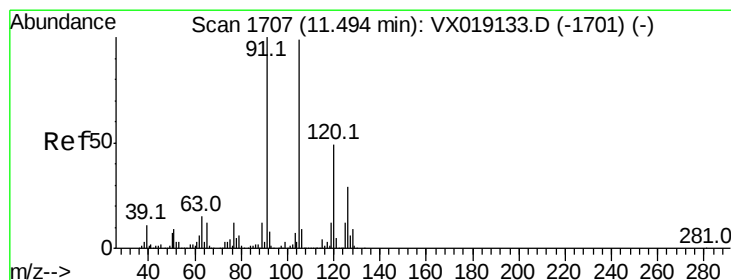
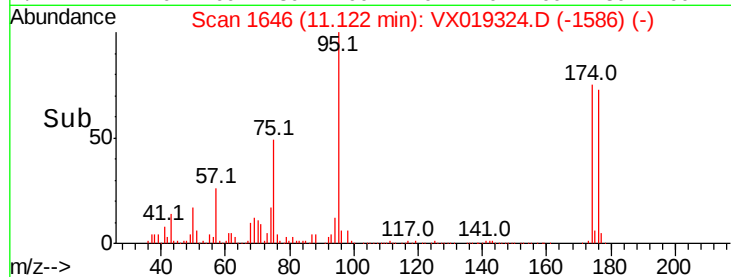
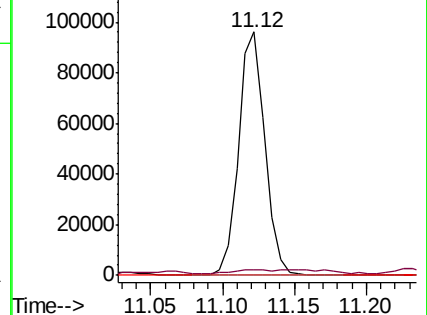
89 0.0 38.2 57.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 6.888 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX019324.D

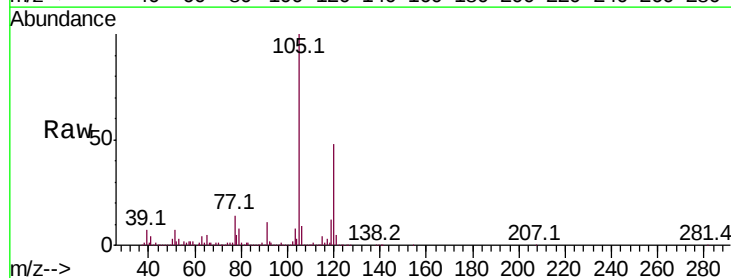
Acq: 05 Nov 2020 19:03

Tgt Ion: 91 Resp: 96091

Ion Ratio Lower Upper

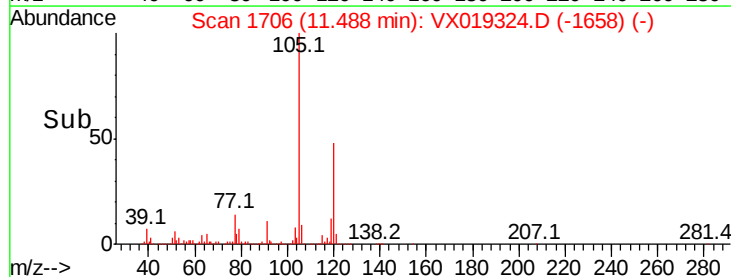
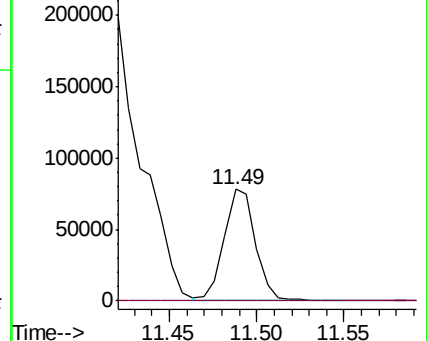
91 100

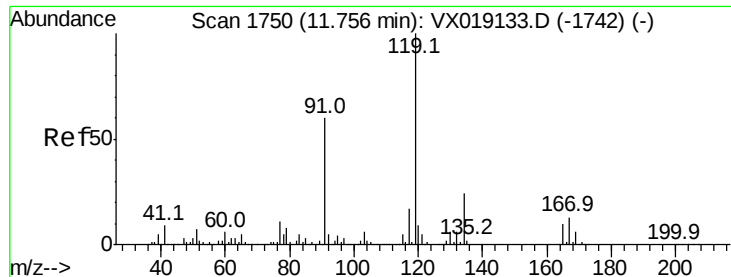
126 0.4 14.8 44.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

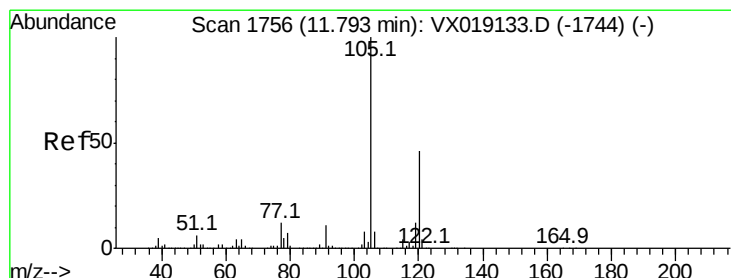
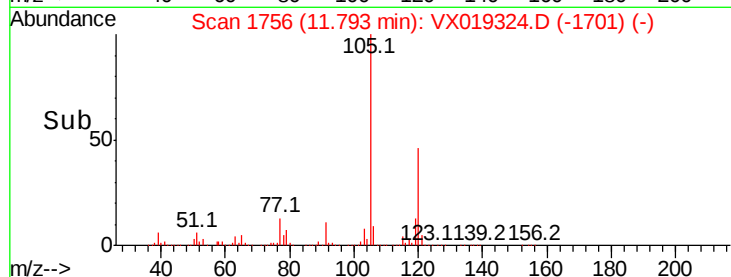
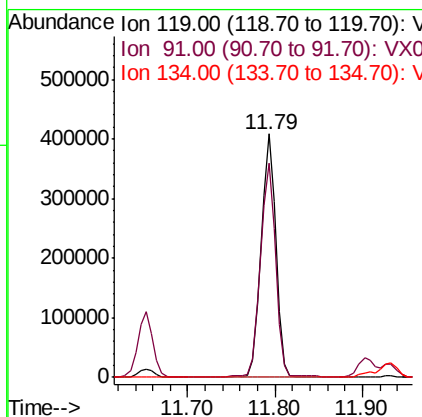
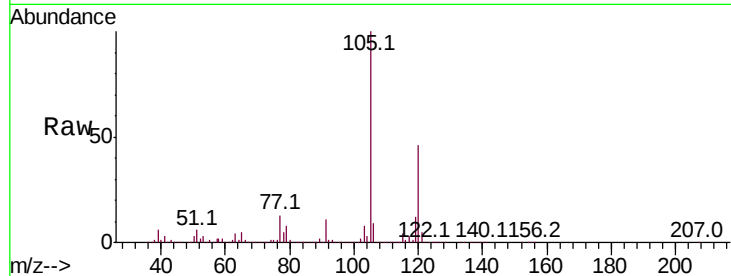




#83
tert-Butylbenzene
Concen: 34.781 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.04 min
Lab File: VX019324.D
Acq: 05 Nov 2020 19:03

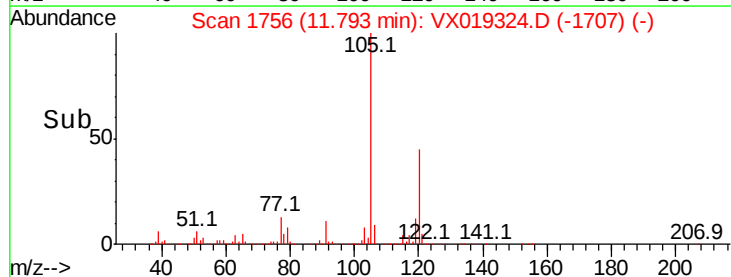
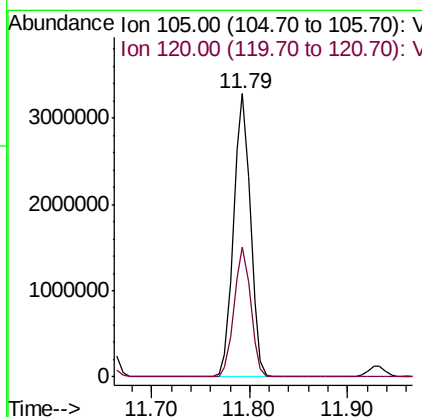
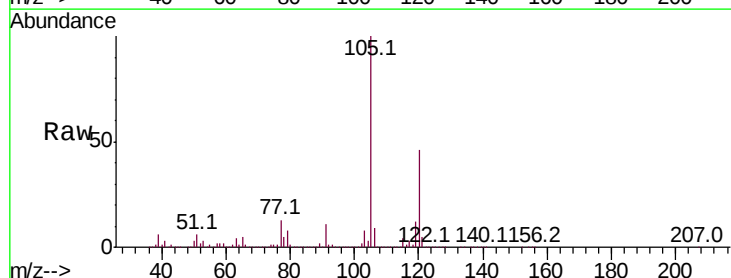
Instrument :
MSVOA_X
ClientSampleId :

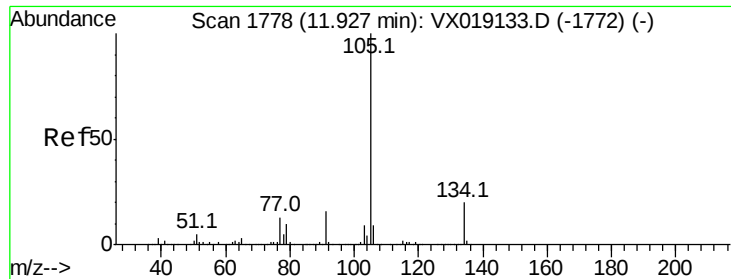
Tot Ion:119 Resp: 478264
Ion Ratio Lower Upper
119 100
91 90.3 29.0 87.1#
134 0.0 11.7 35.0#



#84
1,2,4-Trimethylbenzene
Concen: 270.636 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019324.D
Acq: 05 Nov 2020 19:03

Tgt Ion:105 Resp: 3923795
Ion Ratio Lower Upper
105 100
120 45.2 22.4 67.3

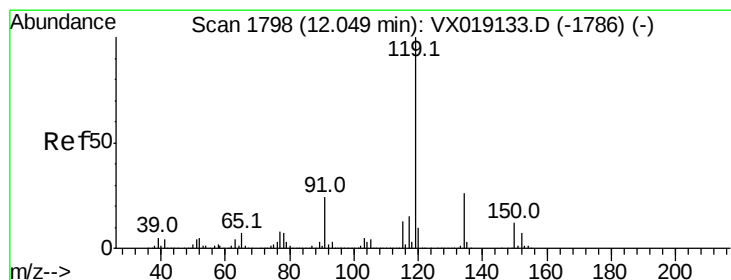
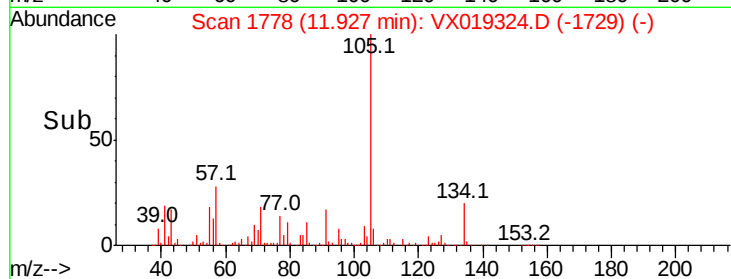
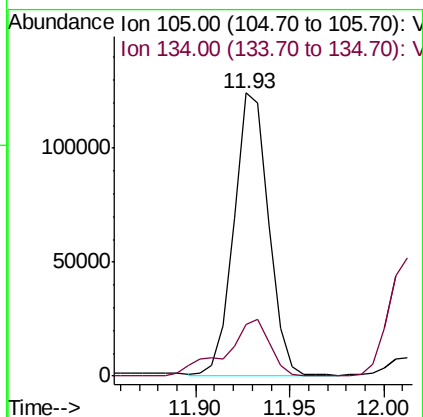
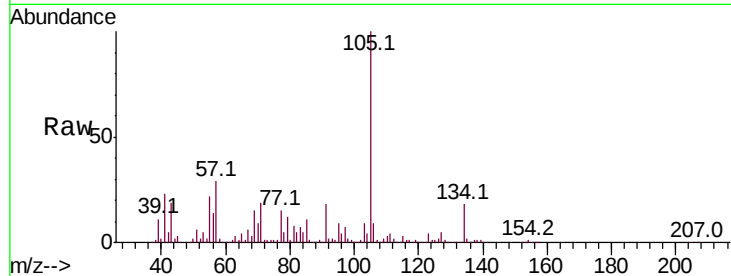




#85
 sec-Butylbenzene
 Concen: 9.531 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019324.D
 Acq: 05 Nov 2020 19:03

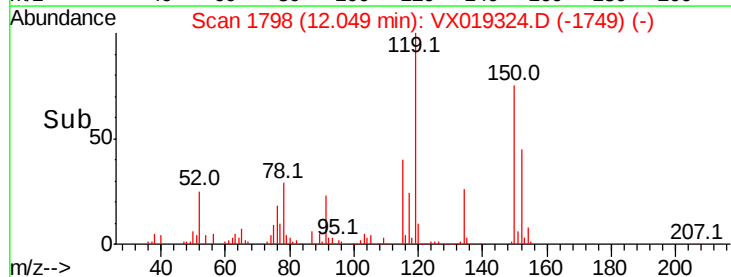
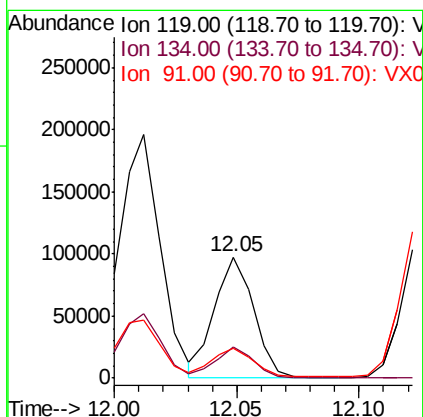
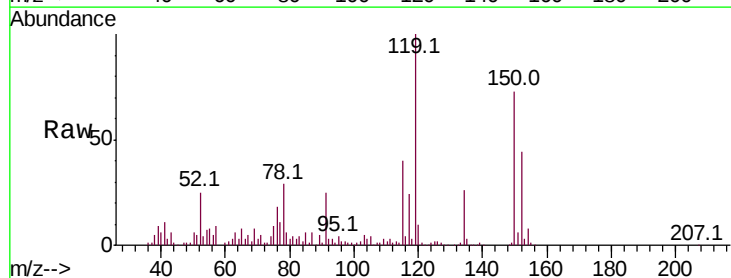
Instrument :
 MSVOA_X
 ClientSampled :

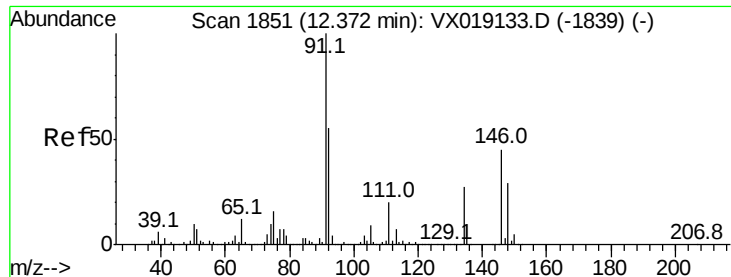
Tot Ion:105 Resp: 157195
 Ion Ratio Lower Upper
 105 100
 134 25.9 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 7.126 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019324.D
 Acq: 05 Nov 2020 19:03

Tgt Ion:119 Resp: 108469
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.7
 91 24.5 12.0 36.0

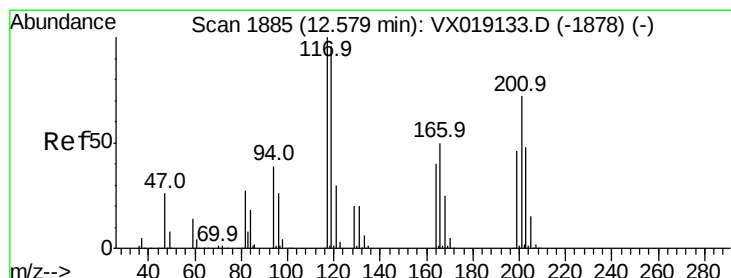
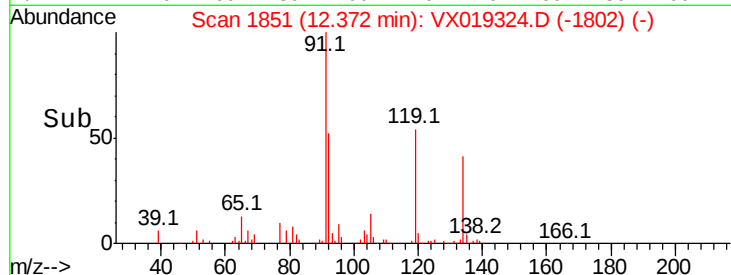
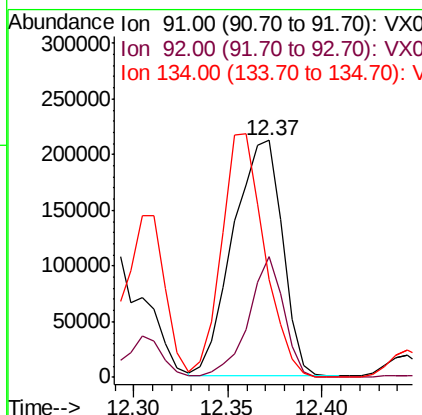
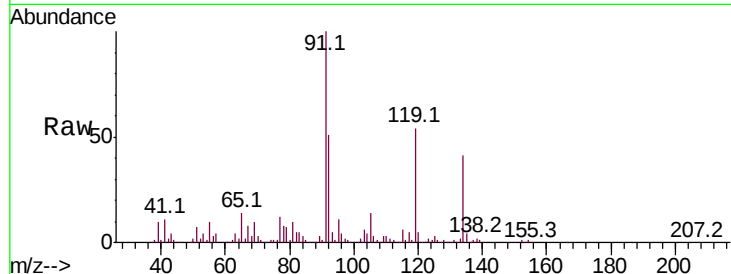




#89
n-Butylbenzene
Concen: 26.812 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019324.D
Acq: 05 Nov 2020 19:03

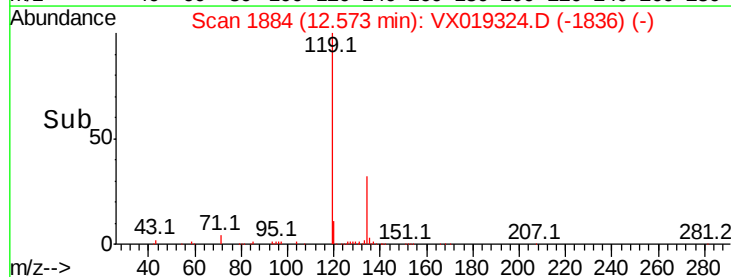
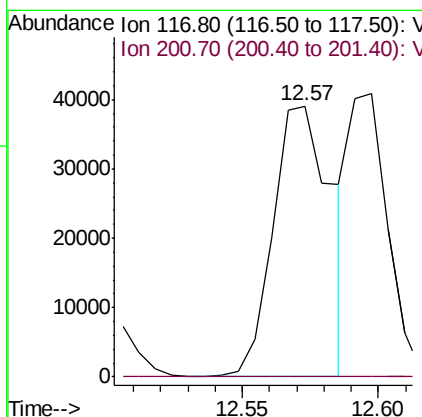
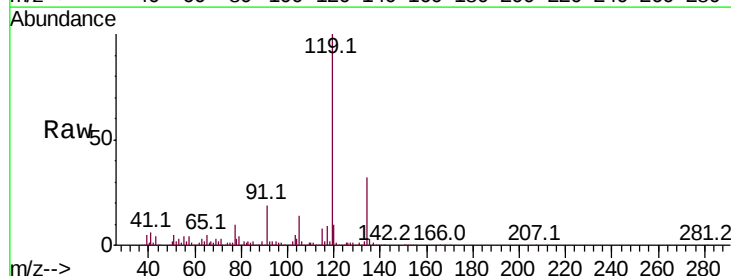
Instrument :
MSVOA_X
ClientSampled :

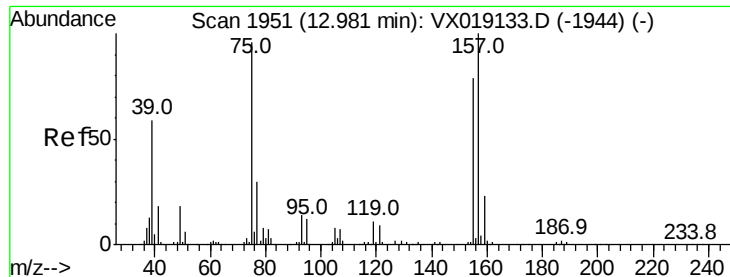
Tot Ion: 91 Resp: 383632
Ion Ratio Lower Upper
91 100
92 36.5 27.5 82.4
134 89.7 13.2 39.6#



#90
Hexachloroethane
Concen: 22.395 ug/l
RT: 12.57 min Scan# 1884
Delta R.T. -0.01 min
Lab File: VX019324.D
Acq: 05 Nov 2020 19:03

Tgt Ion: 117 Resp: 57945
Ion Ratio Lower Upper
117 100
201 0.0 38.5 115.3#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.474 ug/l

RT: 12.96 min Scan# 1948

Delta R.T. -0.02 min

Lab File: VX019324.D

Acq: 05 Nov 2020 19:03

Instrument :

MSVOA_X

ClientSampleId :

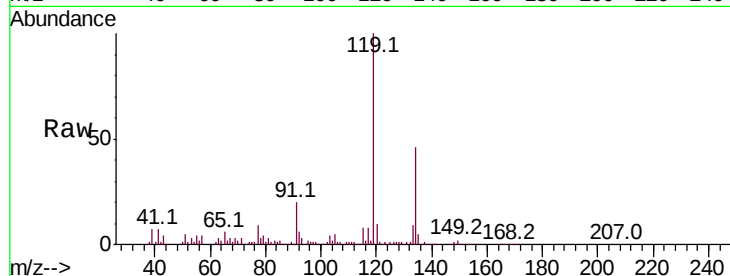
Tot Ion: 75 Resp: 3218

Ion Ratio Lower Upper

75 100

155 20.8 42.8 128.4#

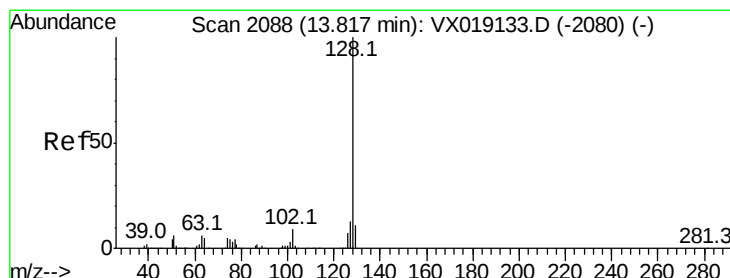
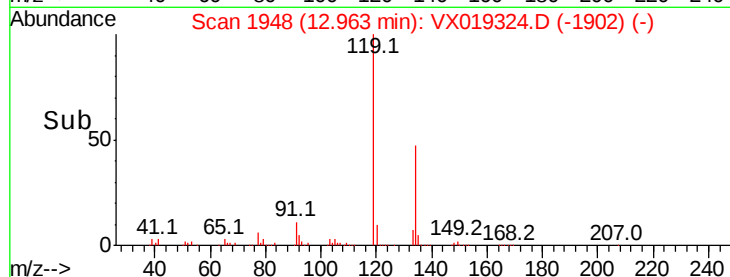
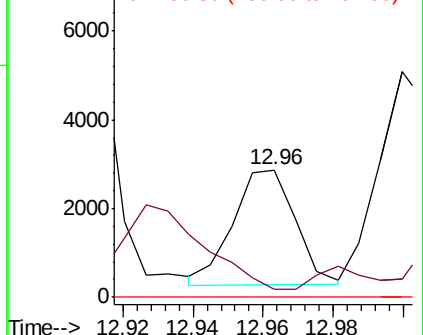
157 0.0 54.8 164.4#



Abundance Ion 74.90 (74.60 to 75.60): VX019133.D (-1944) (-)

Ion 154.80 (154.50 to 155.50): VX019133.D (-1944) (-)

Ion 156.80 (156.50 to 157.50): VX019133.D (-1944) (-)



#95

Naphthalene

Concen: 102.926 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019324.D

Acq: 05 Nov 2020 19:03

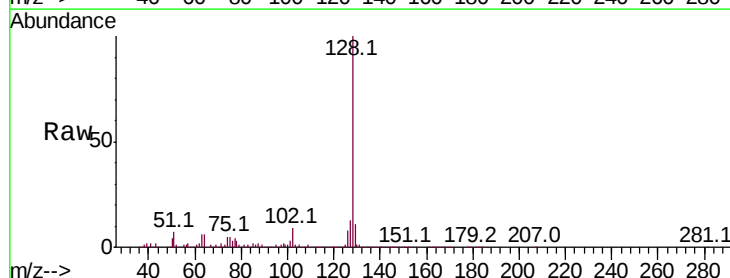
Tgt Ion: 128 Resp: 1837065

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

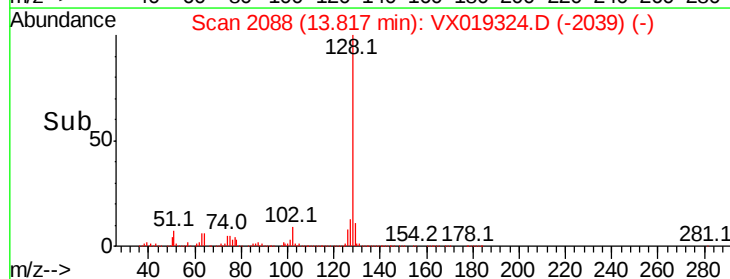
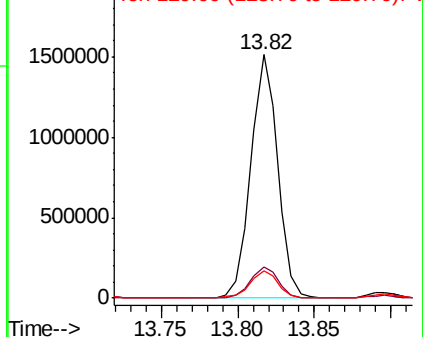
129 11.6 8.6 13.0

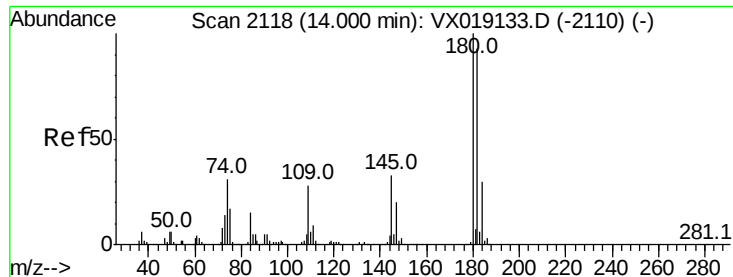


Abundance Ion 128.00 (127.70 to 128.70): VX019133.D (-2080) (-)

Ion 127.00 (126.70 to 127.70): VX019133.D (-2080) (-)

Ion 129.00 (128.70 to 129.70): VX019133.D (-2080) (-)





#96
 1,2,3-Trichlorobenzene
 Concen: 0.799 ug/l
 RT: 14.01 min Scan# 2120
 Delta R.T. 0.01 min
 Lab File: VX019324.D
 Acq: 05 Nov 2020 19:03

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 4393
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.8 143.3#
 145 991.3 16.5 49.5#

