

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110720\
 Data File : VX019334.D
 Acq On : 06 Nov 2020 12:21
 Operator : JC/MD
 Sample : L4624-10DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 32733DL

Quant Time: Nov 07 01:01:32 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	293343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	514752	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	486932	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	254152	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	205397	54.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.58%	
35) Dibromofluoromethane	5.47	113	160391	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
50) Toluene-d8	8.70	98	626603	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
62) 4-Bromofluorobenzene	11.12	95	250078	54.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.36%	

Target Compounds

						Qvalue
3) Chloromethane	1.31	50	659	0.241	ug/l #	83
10) Methyl Iodide	2.49	142	458	6.501	ug/l #	89
11) Tert butyl alcohol	3.00	59	5586	7.476	ug/l #	72
13) Acrolein	2.25	56	1210	9.188	ug/l #	1
14) Allyl chloride	2.82	41	2633	0.611	ug/l #	23
15) Acrylonitrile	3.15	53	691	0.440	ug/l #	54
16) Acetone	2.42	43	80843	61.945	ug/l	99
17) Carbon Disulfide	2.56	76	1694	0.966	ug/l #	92
18) Methyl Acetate	2.75	43	925	0.291	ug/l	94
19) Methyl tert-butyl Ether	3.16	73	9196	0.934	ug/l #	1
20) Methylene Chloride	2.84	84	1277	0.390	ug/l #	84
22) Diisopropyl ether	3.82	45	10704	1.247	ug/l #	85
23) Vinyl Acetate	3.82	43	5650	0.738	ug/l #	67
25) 2-Butanone	4.64	43	25673	12.482	ug/l	98
26) 2,2-Dichloropropane	4.64	77	1210	0.240	ug/l #	53
29) Tetrahydrofuran	5.09	42	21782	16.805	ug/l	94
31) Cyclohexane	5.55	56	14594	3.052	ug/l	97
36) 1,1-Dichloropropene	5.63	75	24718	5.200	ug/l #	49
37) Ethyl Acetate	4.80	43	5013	1.136	ug/l	97
38) Carbon Tetrachloride	5.63	117	30610	6.318	ug/l #	17
39) Methylcyclohexane	7.44	83	12072	2.124	ug/l	94
40) Benzene	6.12	78	438127	32.509	ug/l	100
41) Methacrylonitrile	5.09	41	12227	5.144	ug/l #	42
42) 1,2-Dichloroethane	6.11	62	4421	0.890	ug/l #	74
43) Isopropyl Acetate	6.42	43	1892	0.256	ug/l #	53
48) Methyl methacrylate	7.71	41	900	0.253	ug/l #	37
51) 4-Methyl-2-Pentanone	8.62	43	4248	1.000	ug/l	96
52) Toluene	8.76	92	1023895	117.958	ug/l	100
53) t-1,3-Dichloropropene	8.76	75	12212	2.222	ug/l #	1
55) 1,1,2-Trichloroethane	9.15	97	1425	0.415	ug/l #	19
59) 2-Hexanone	9.48	43	2270	0.702	ug/l	81
67) Ethyl Benzene	10.24	91	230595	13.003	ug/l	99
68) m/p-Xylenes	10.34	106	325302	48.873	ug/l	97
69) o-Xylene	10.68	106	160131	25.364	ug/l	100

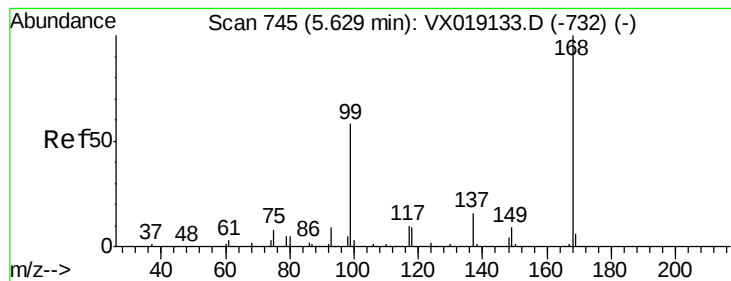
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110720\
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) Styrene	10.68	104	8252	0.766	ug/l #	1
73) Isopropylbenzene	11.00	105	20882	1.161	ug/l	99
74) N-amyl acetate	10.89	43	2358	0.358	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	128495	24.486	ug/l #	35
78) n-propylbenzene	11.34	91	82604	4.022	ug/l	97
79) 2-Chlorotoluene	11.41	91	48254	3.991	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.49	105	132411	8.712	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.12	75	128495	64.471	ug/l #	12
82) 4-Chlorotoluene	11.49	91	14926	1.011	ug/l #	47
83) tert-Butylbenzene	11.79	119	70520	4.846	ug/l #	55
84) 1,2,4-Trimethylbenzene	11.79	105	591418	38.546	ug/l	99
85) sec-Butylbenzene	11.93	105	26030	1.491	ug/l	89
86) p-Isopropyltoluene	12.05	119	18385	1.141	ug/l	97
89) n-Butylbenzene	12.37	91	64268	4.244	ug/l #	44
90) Hexachloroethane	12.57	117	10370	3.787	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	12.96	75	470	0.341	ug/l #	1
95) Naphthalene	13.82	128	258747	13.699	ug/l	99

(#) = 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: VX019334.D

Acq: 06 Nov 2020 12:21

Instrument :

MSVOA_X

ClientSampleId :

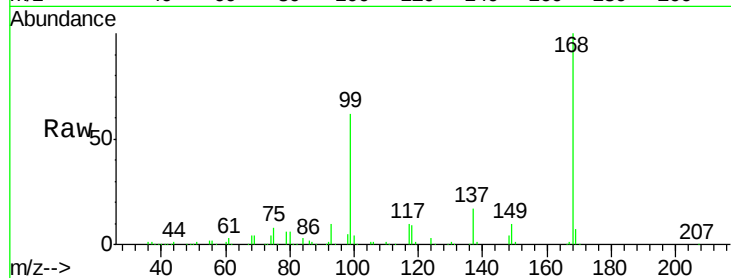
32733DL

Tot Ion:168 Resp: 293343

Ion Ratio Lower Upper

168 100

99 61.9 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

120000

100000

80000

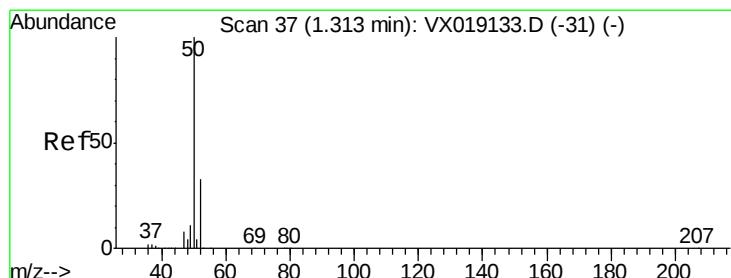
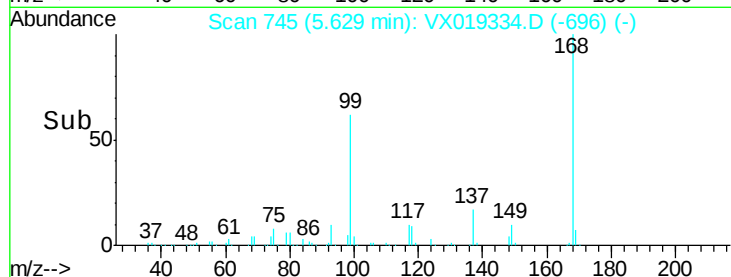
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.241 ug/l

RT: 1.31 min Scan# 36

Delta R.T. -0.01 min

Lab File: VX019334.D

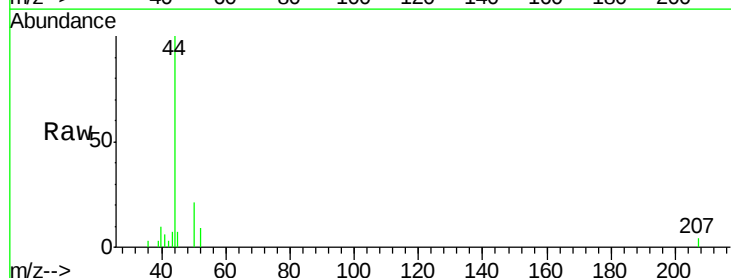
Acq: 06 Nov 2020 12:21

Tgt Ion: 50 Resp: 659

Ion Ratio Lower Upper

50 100

52 43.4 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

600

500

400

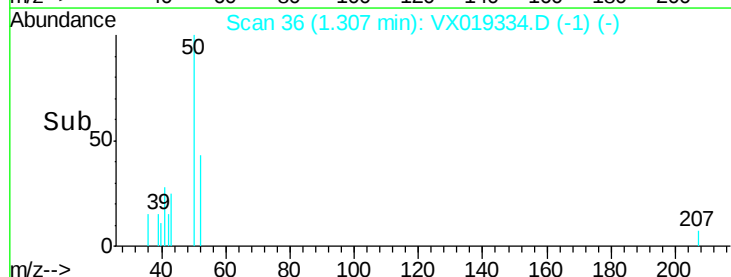
300

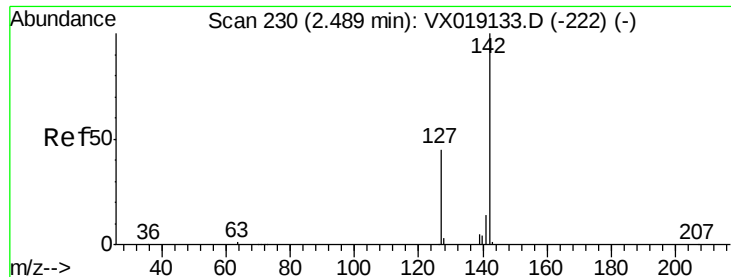
200

100

0

Time-->

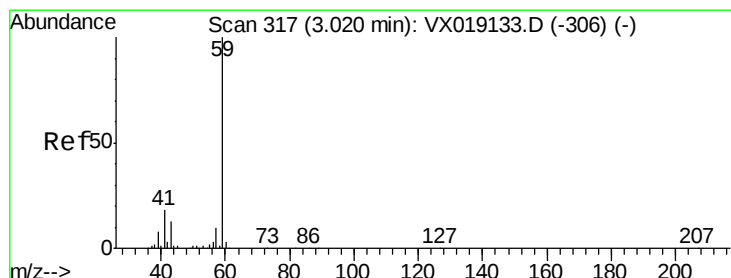
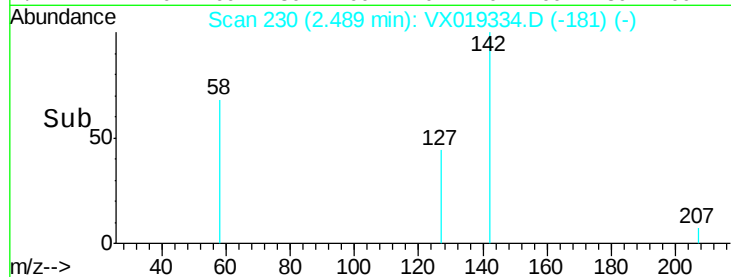
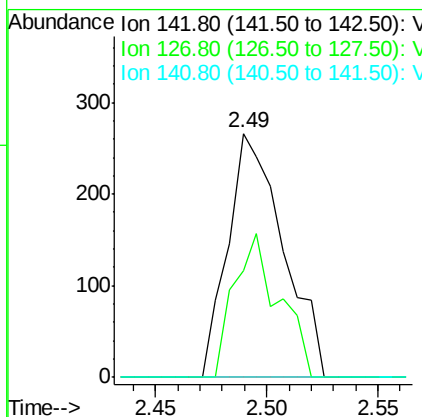
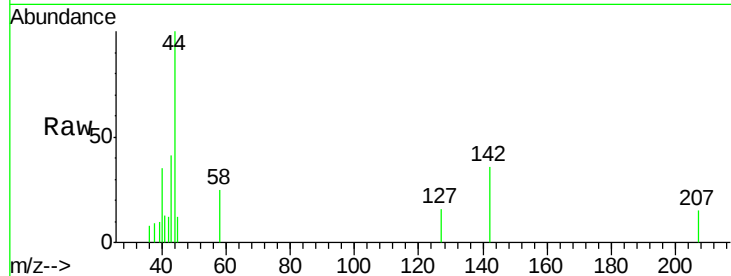




#10
Methvl Iodide
Concen: 6.501 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX019334.D
Acq: 06 Nov 2020 12:21

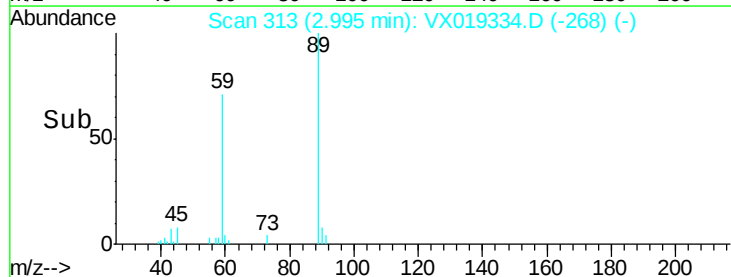
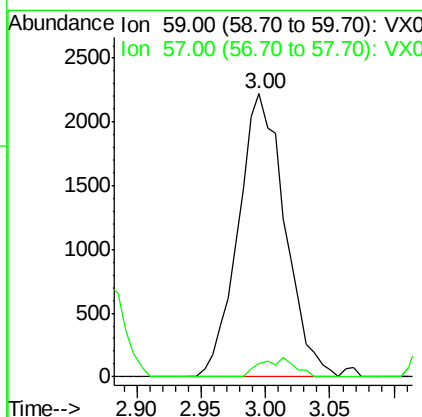
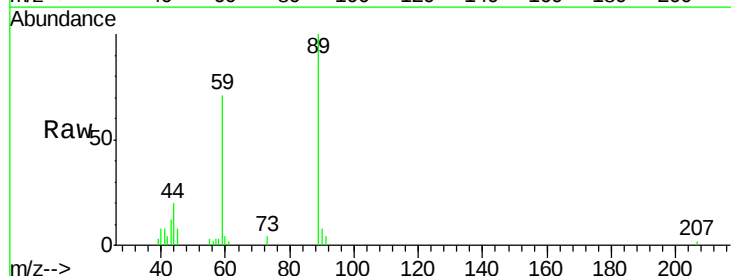
Instrument :
MSVOA_X
ClientSampleId :
32733DL

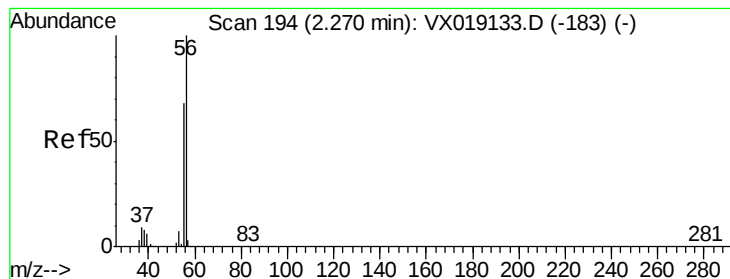
Tot Ion:142 Resp: 458
Ion Ratio Lower Upper
142 100
127 47.8 36.1 54.1
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 7.476 ug/l
RT: 3.00 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX019334.D
Acq: 06 Nov 2020 12:21

Tgt Ion: 59 Resp: 5586
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#





#13

Acrolein

Concen: 9.188 ug/l

RT: 2.25 min Scan# 191

Delta R.T. -0.02 min

Lab File: VX019334.D

Acq: 06 Nov 2020 12:21

Instrument :

MSVOA_X

ClientSampled :

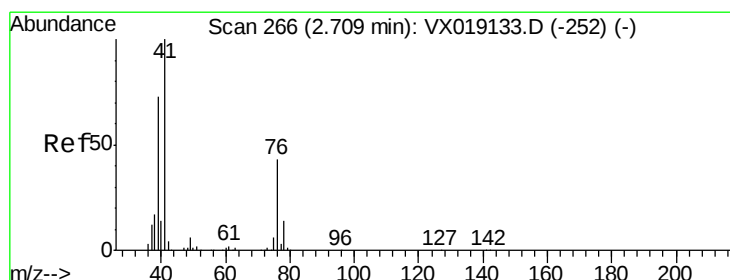
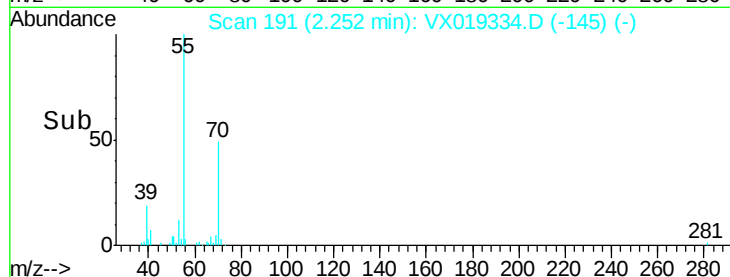
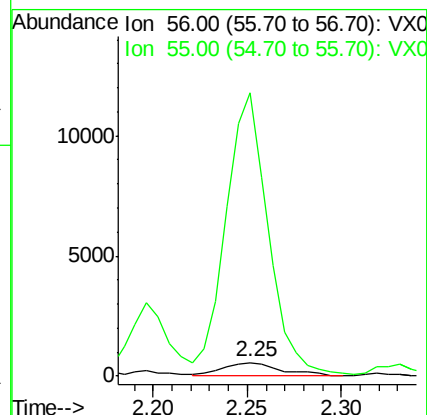
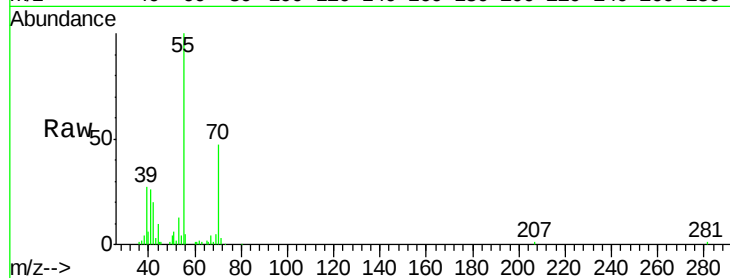
32733DL

Tot Ion: 56 Resp: 1210

Ion Ratio Lower Upper

56 100

55 1483.2 54.7 82.1#



#14

Allyl chloride

Concen: 0.611 ug/l

RT: 2.82 min Scan# 285

Delta R.T. 0.12 min

Lab File: VX019334.D

Acq: 06 Nov 2020 12:21

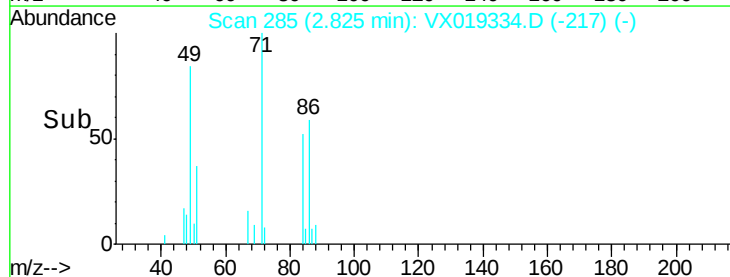
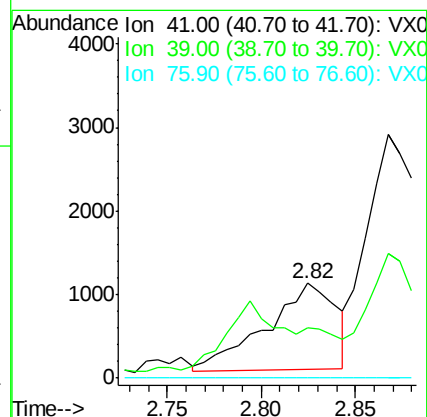
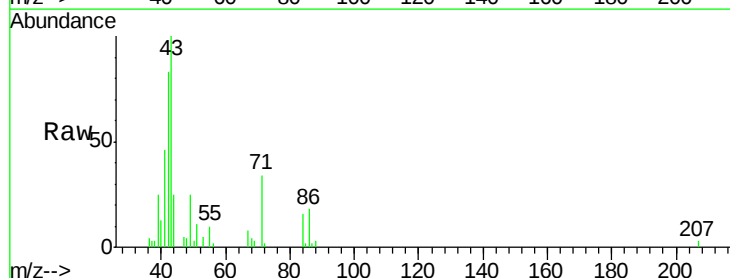
Tgt Ion: 41 Resp: 2633

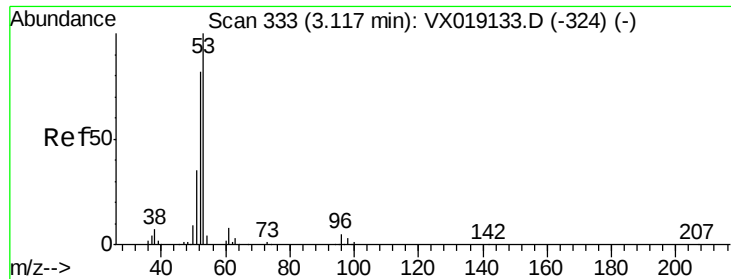
Ion Ratio Lower Upper

41 100

39 0.0 55.2 82.8#

76 0.0 31.5 47.3#





#15

Acrylonitrile

Concen: 0.440 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.03 min

Lab File: VX019334.D

Acq: 06 Nov 2020 12:21

Instrument :

MSVOA_X

ClientSampleId :

32733DL

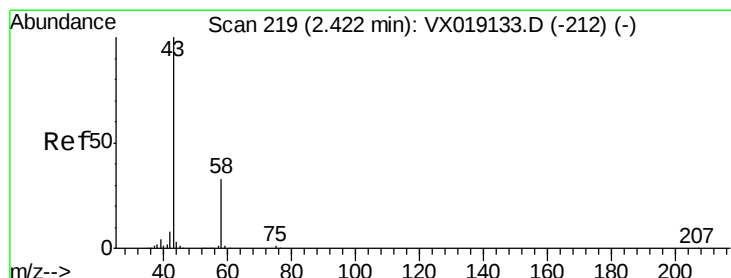
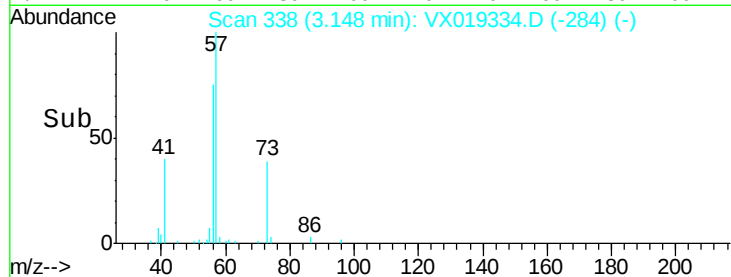
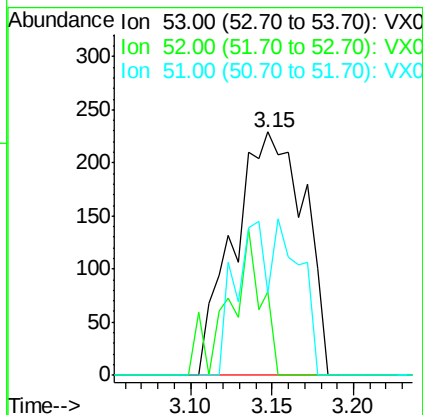
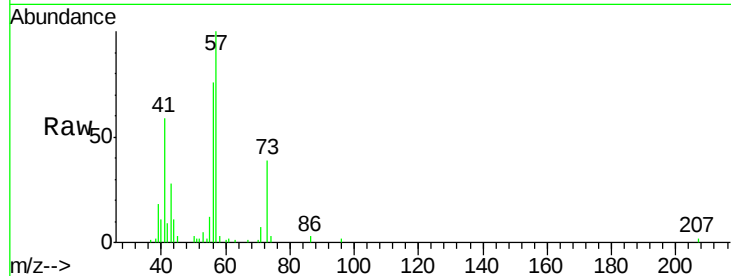
Tot Ion: 53 Resp: 691

Ion Ratio Lower Upper

53 100

52 27.8 65.7 98.5#

51 28.4 28.4 42.6#



#16

Acetone

Concen: 61.945 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019334.D

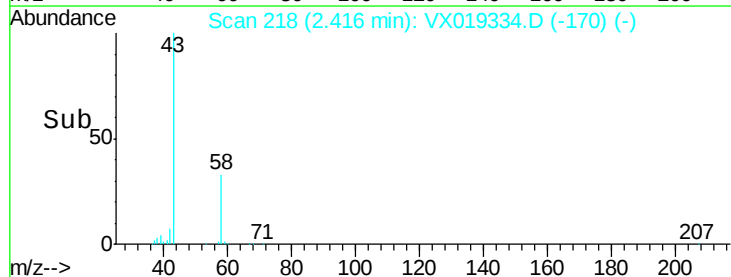
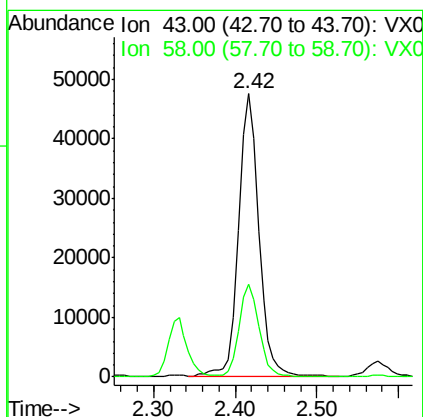
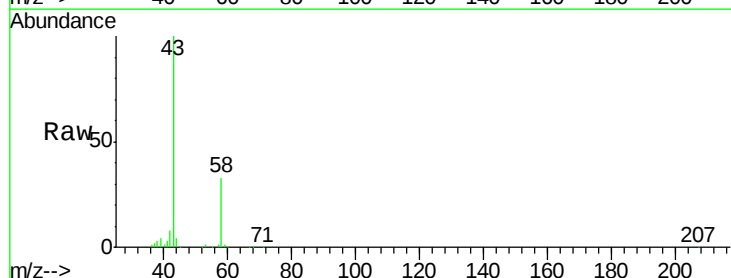
Acq: 06 Nov 2020 12:21

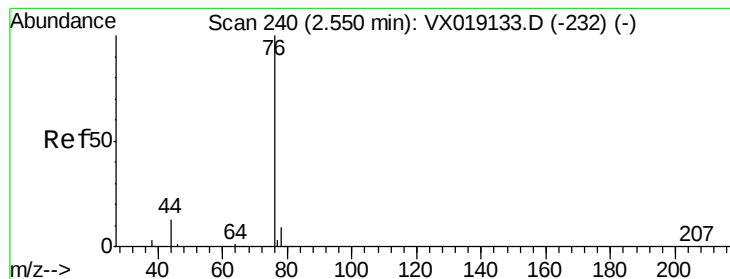
Tgt Ion: 43 Resp: 80843

Ion Ratio Lower Upper

43 100

58 32.4 26.3 39.5





#17

Carbon Disulfide

Concen: 0.966 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX019334.D

Acq: 06 Nov 2020 12:21

Instrument :

MSVOA_X

ClientSampled :

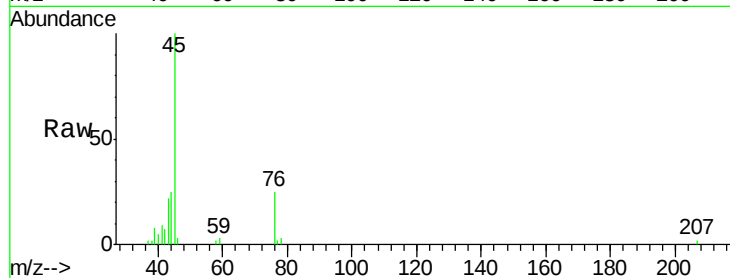
32733DL

Tot Ion: 76 Resp: 1694

Ion Ratio Lower Upper

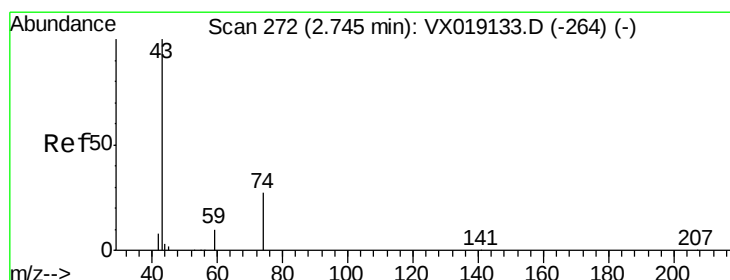
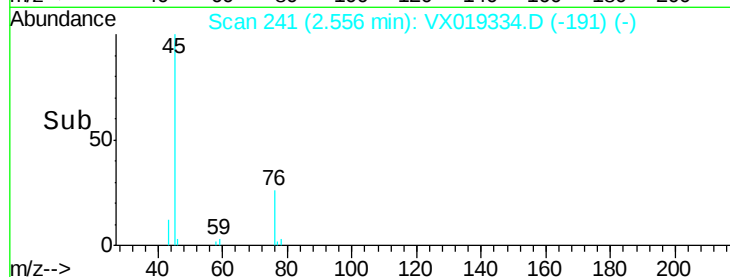
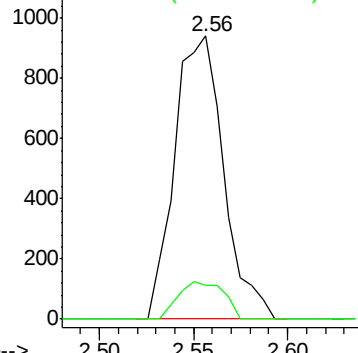
76 100

78 12.1 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: 0.291 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX019334.D

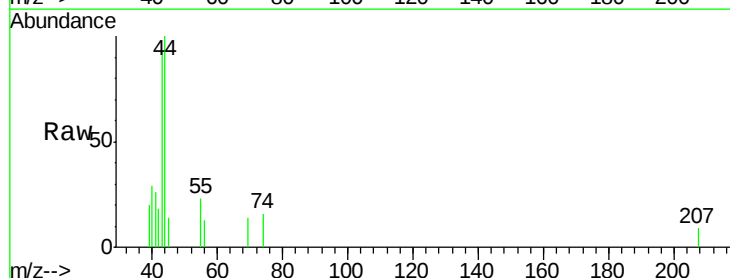
Acq: 06 Nov 2020 12:21

Tgt Ion: 43 Resp: 925

Ion Ratio Lower Upper

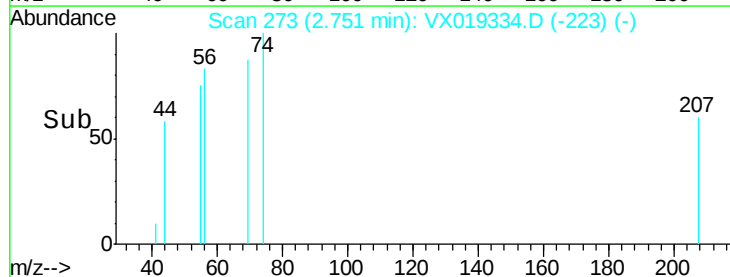
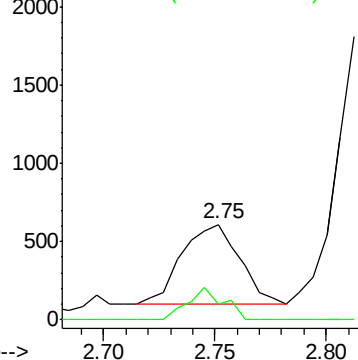
43 100

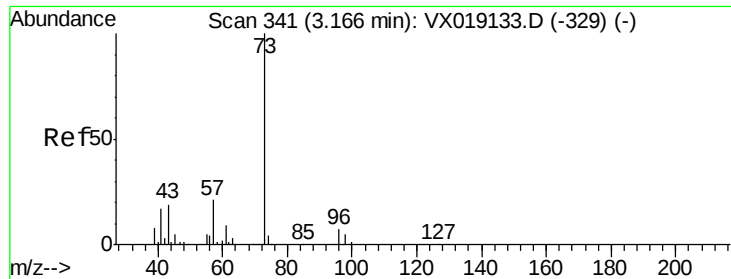
74 25.2 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



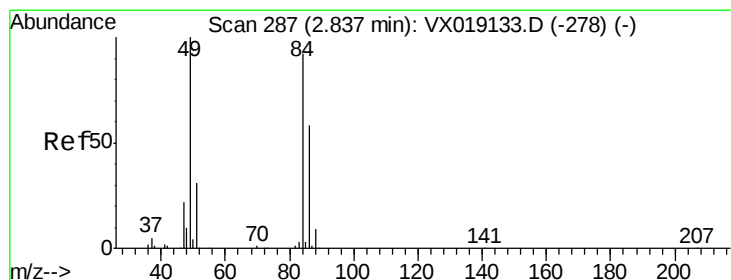
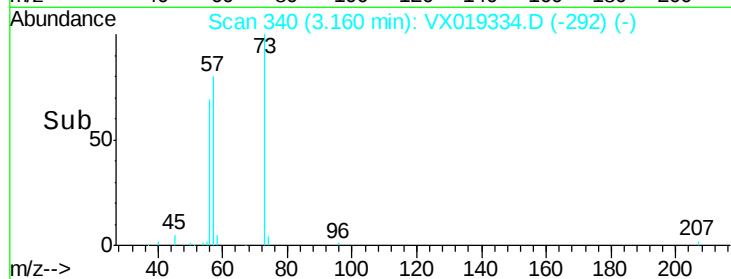
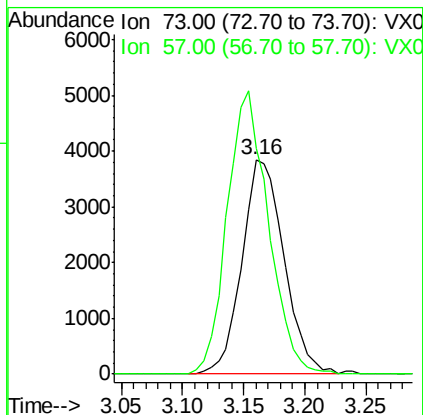
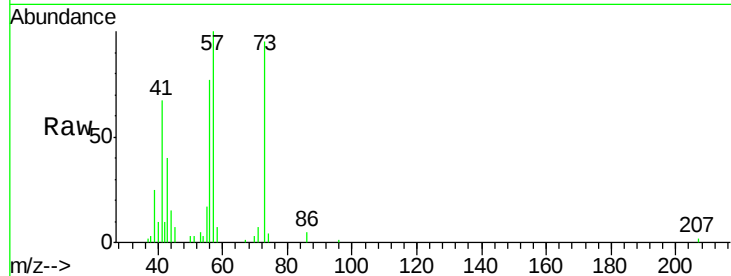


#19

Methyl tert-butyl Ether
 Concen: 0.934 ug/l
 RT: 3.16 min Scan# 340
 Delta R.T. -0.01 min
 Lab File: VX019334.D
 Acq: 06 Nov 2020 12:21

Instrument :
 MSVOA_X
 ClientSampleID :
 32733DL

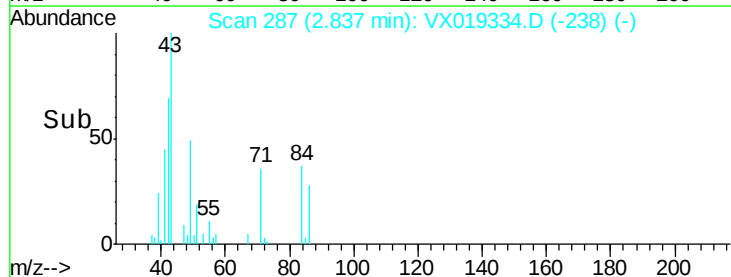
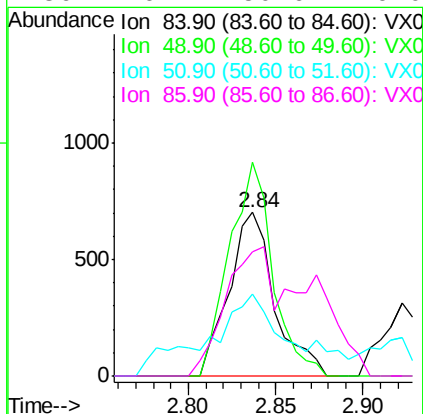
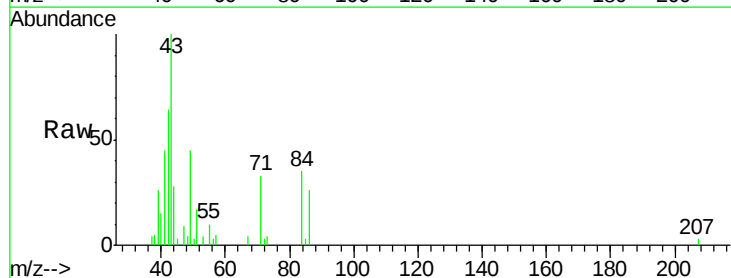
Tot Ion: 73 Resp: 9196
 Ion Ratio Lower Upper
 73 100
 57 104.8 16.6 25.0#

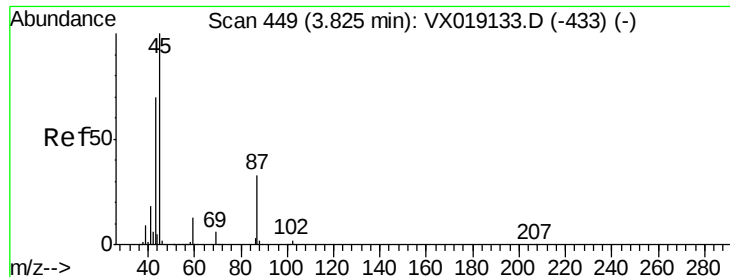


#20

Methylene Chloride
 Concen: 0.390 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX019334.D
 Acq: 06 Nov 2020 12:21

Tgt Ion: 84 Resp: 1277
 Ion Ratio Lower Upper
 84 100
 49 130.4 86.8 130.2#
 51 34.9 27.3 40.9
 86 76.1 50.6 76.0#





#22

Diisopropyl ether

Concen: 1.247 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019334.D

Acq: 06 Nov 2020 12:21

Instrument :

MSVOA_X

ClientSampleId :

32733DL

Tot Ion: 45 Resp: 10704

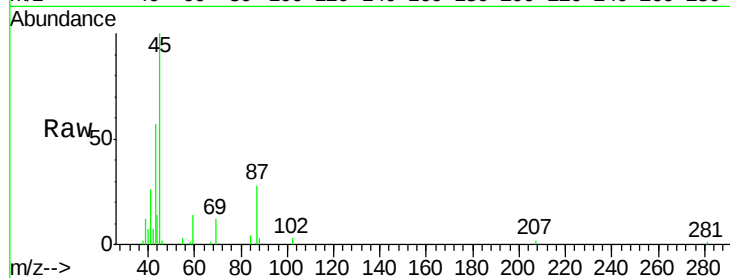
Ion Ratio Lower Upper

45 100

43 54.5 56.2 84.4#

87 27.6 26.2 39.2

59 13.8 10.1 15.1



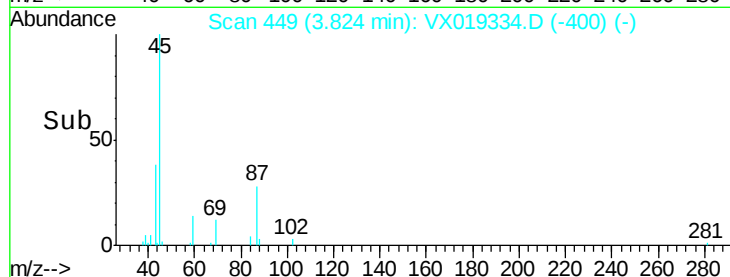
Abundance Ion 45.00 (44.70 to 45.70): VX0

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-->



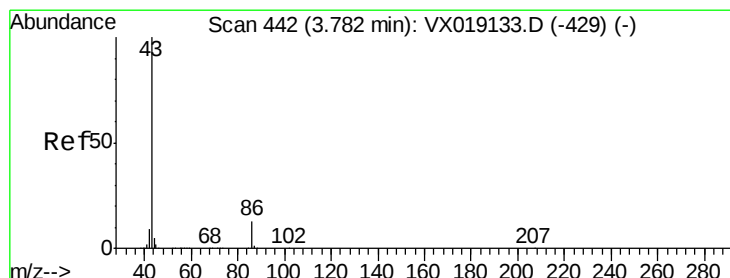
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 0.738 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.04 min

Lab File: VX019334.D

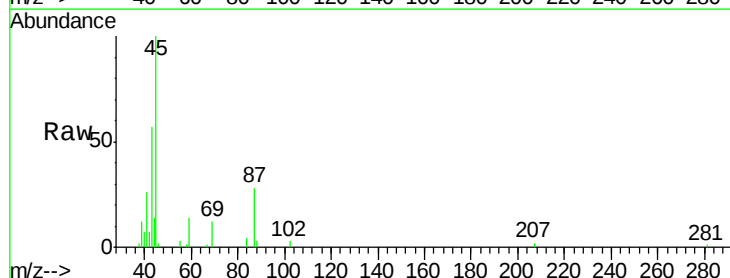
Acq: 06 Nov 2020 12:21

Tgt Ion: 43 Resp: 5650

Ion Ratio Lower Upper

43 100

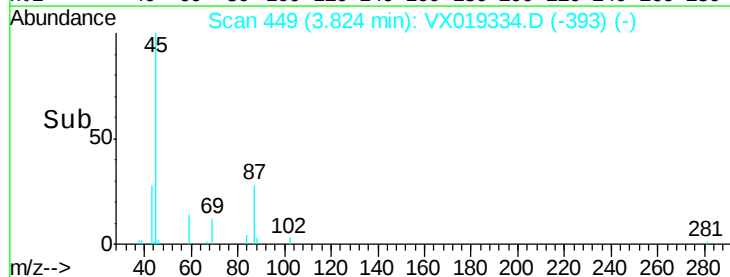
86 0.0 10.4 15.6#



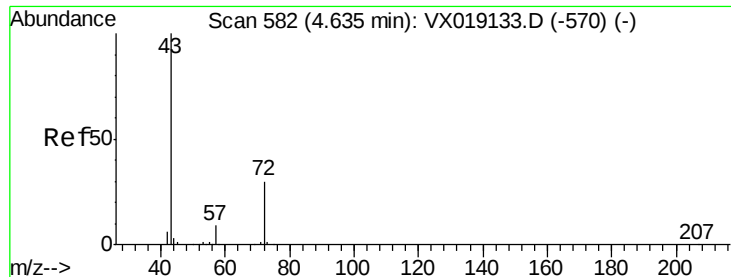
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

Time-->



Time-->



#25

2-Butanone

Concen: 12.482 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019334.D

Acq: 06 Nov 2020 12:21

Instrument :

MSVOA_X

ClientSampleId :

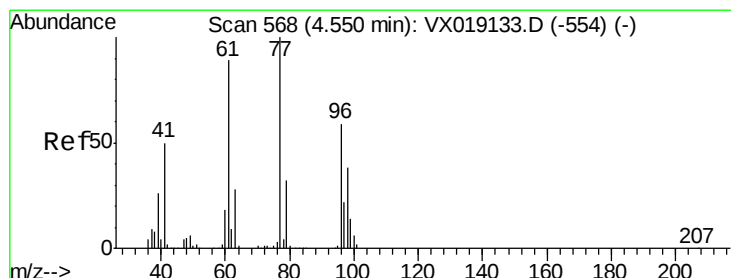
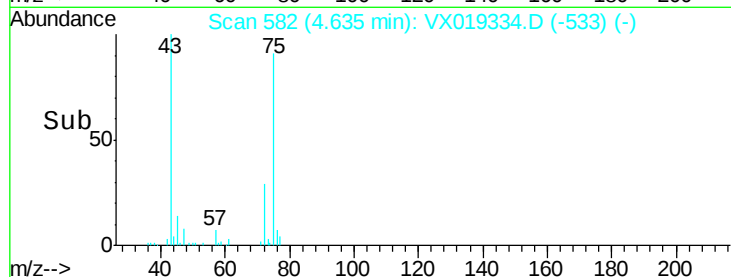
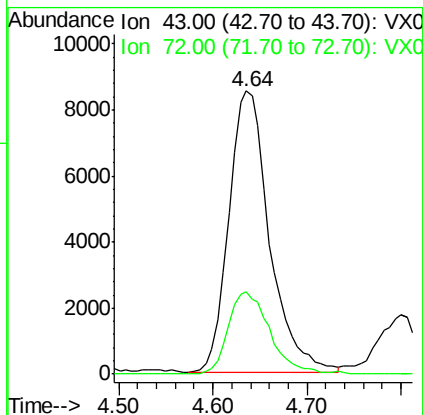
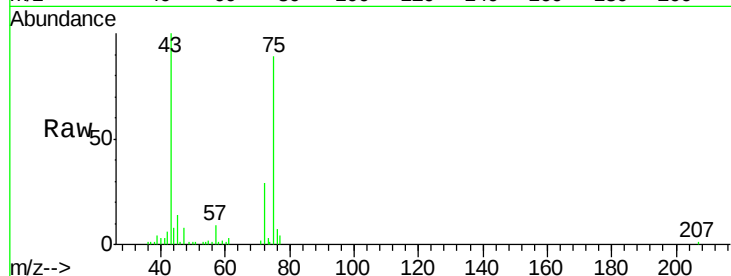
32733DL

Tot Ion: 43 Resp: 25673

Ion Ratio Lower Upper

43 100

72 29.5 24.6 36.8



#26

2,2-Dichloropropane

Concen: 0.240 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.09 min

Lab File: VX019334.D

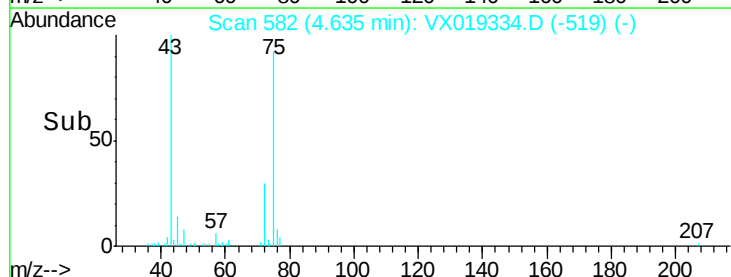
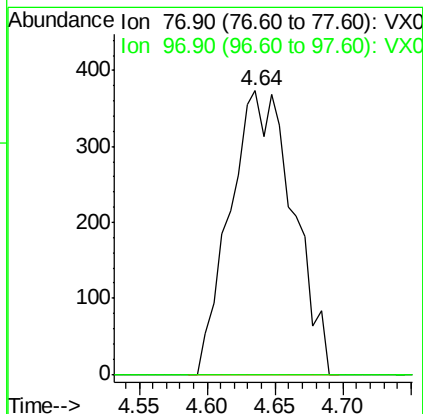
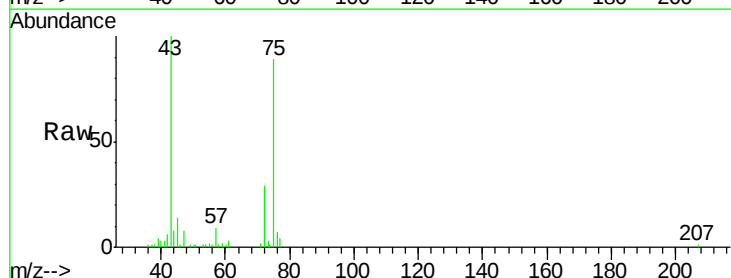
Acq: 06 Nov 2020 12:21

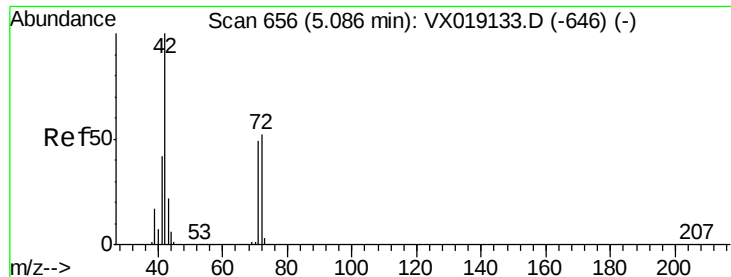
Tgt Ion: 77 Resp: 1210

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.1#





#29

Tetrahydrofuran

Concen: 16.805 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX019334.D

Acq: 06 Nov 2020 12:21

Instrument :

MSVOA_X

ClientSampleId :

32733DL

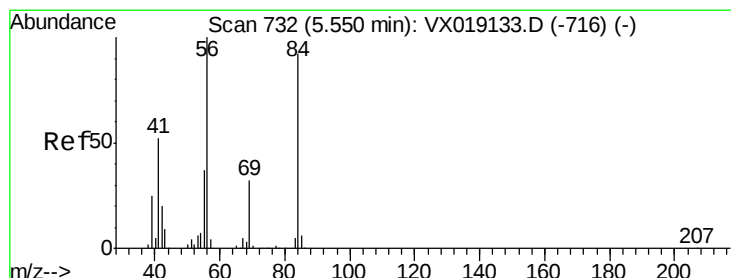
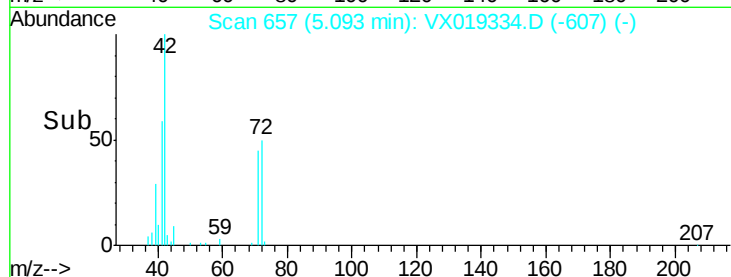
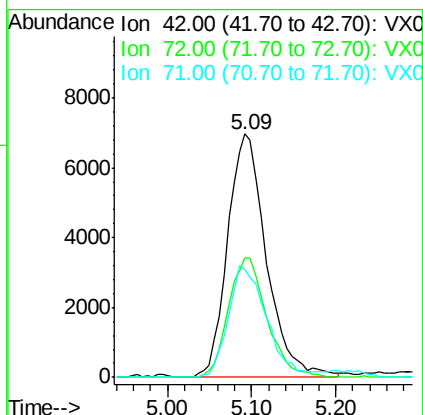
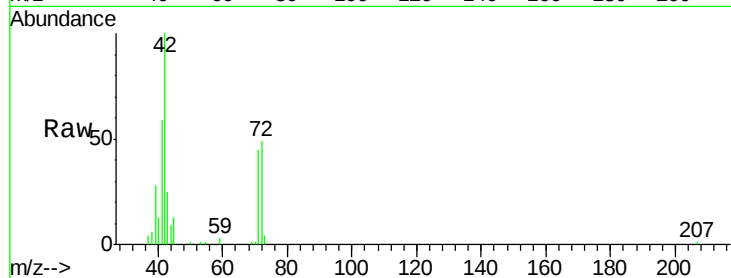
Tot Ion: 42 Resp: 21782

Ion Ratio Lower Upper

42 100

72 48.5 42.6 63.8

71 45.6 39.7 59.5



#31

Cyclohexane

Concen: 3.052 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX019334.D

Acq: 06 Nov 2020 12:21

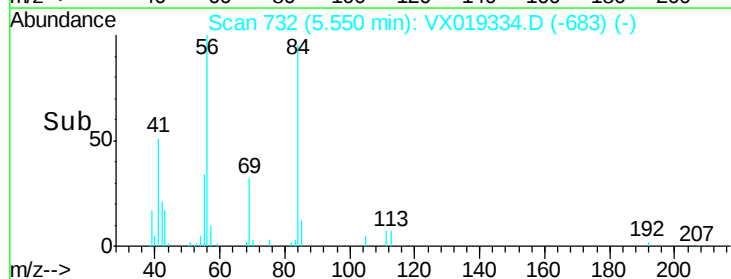
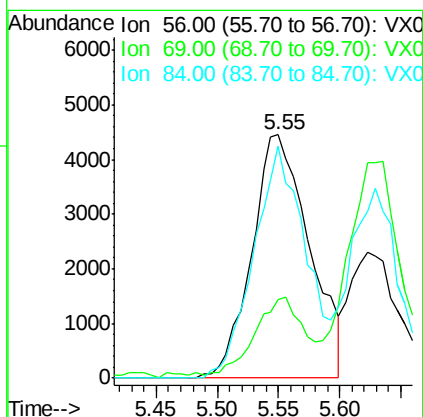
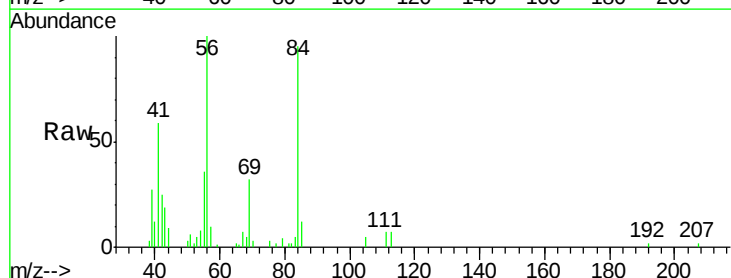
Tgt Ion: 56 Resp: 14594

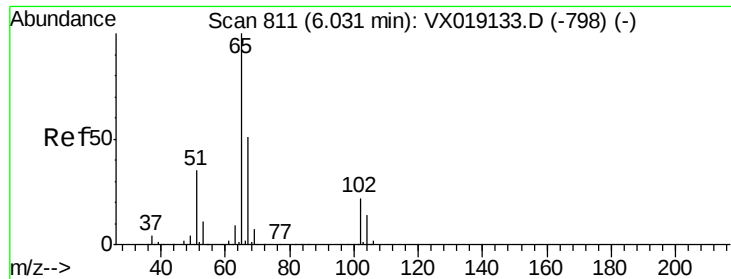
Ion Ratio Lower Upper

56 100

69 31.0 25.9 38.9

84 95.3 73.4 110.2

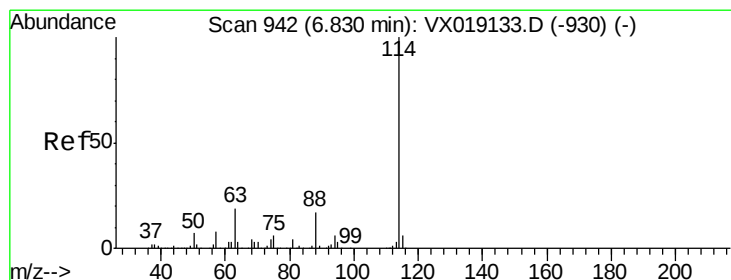
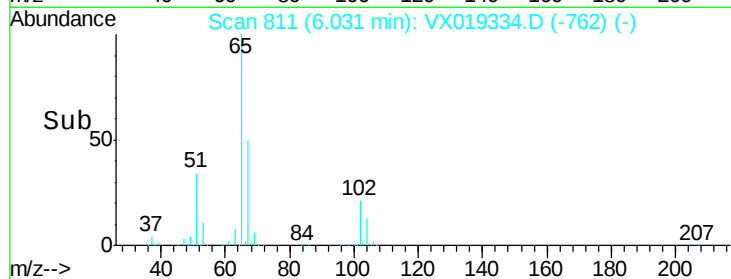
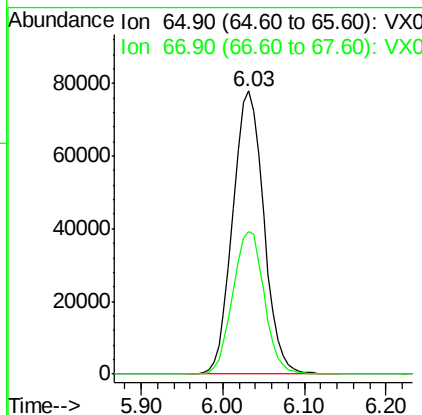
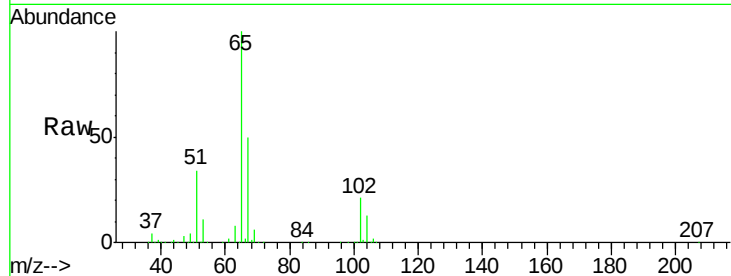




#33
 1,2-Dichloroethane-d4
 Concen: 54.294 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019334.D
 Acq: 06 Nov 2020 12:21

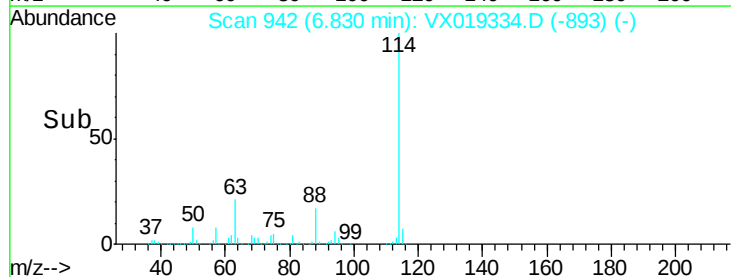
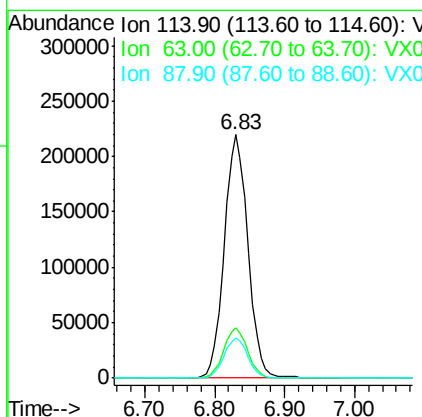
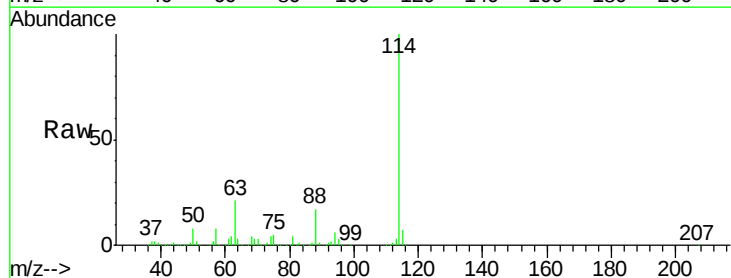
Instrument :
 MSVOA_X
 ClientSampleId :
 32733DL

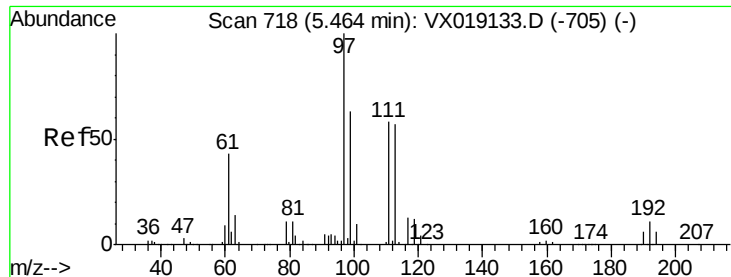
Tot Ion: 65 Resp: 205397
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019334.D
 Acq: 06 Nov 2020 12:21

Tgt Ion: 114 Resp: 514752
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 38.8
 88 16.5 0.0 34.2





#35

Dibromofluoromethane

Concen: 49.605 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX019334.D

Acq: 06 Nov 2020 12:21

Instrument :

MSVOA_X

ClientSampleId :

32733DL

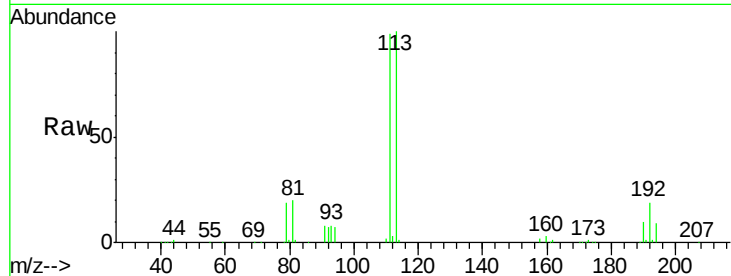
Tot Ion:113 Resp: 160391

Ion Ratio Lower Upper

113 100

111 103.2 82.3 123.5

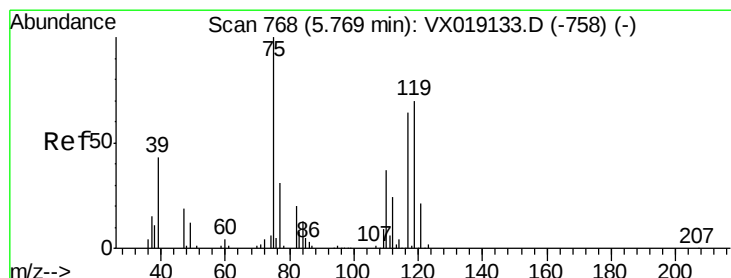
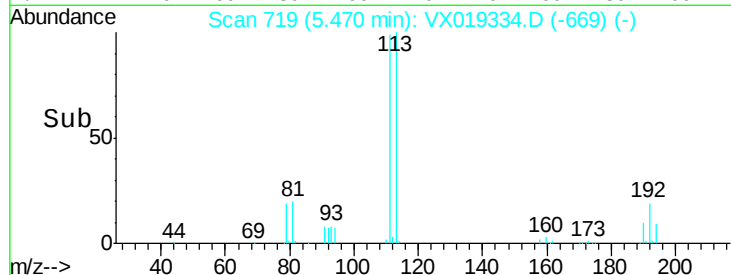
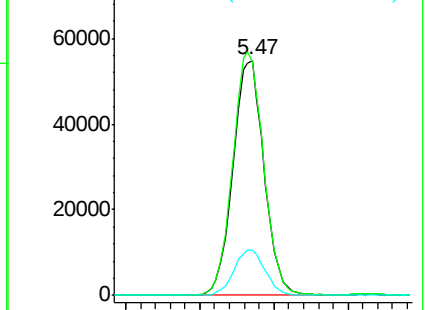
192 19.5 16.2 24.2



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: 5.200 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX019334.D

Acq: 06 Nov 2020 12:21

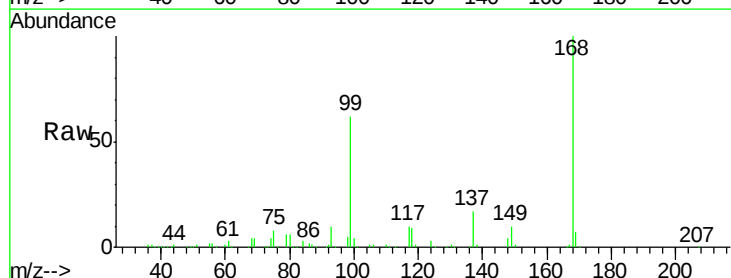
Tgt Ion: 75 Resp: 24718

Ion Ratio Lower Upper

75 100

110 8.9 18.3 54.9#

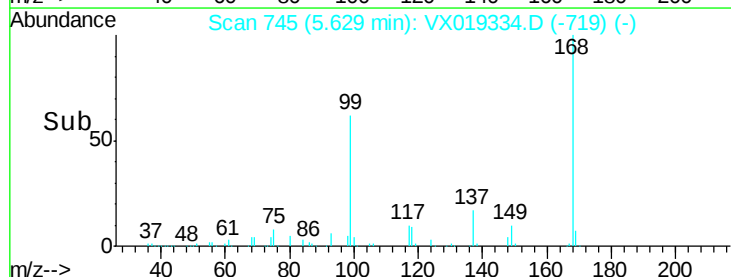
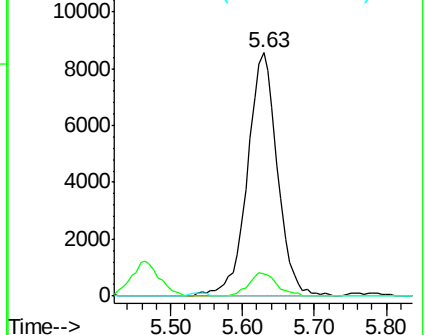
77 0.0 24.9 37.3#

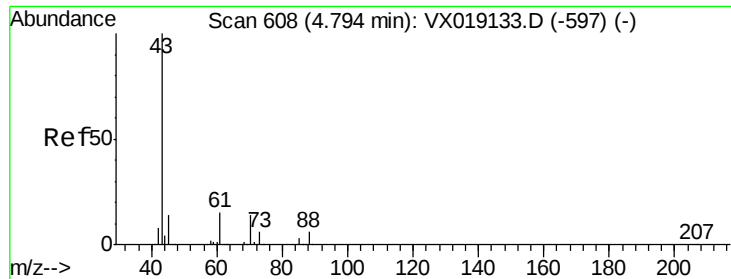


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

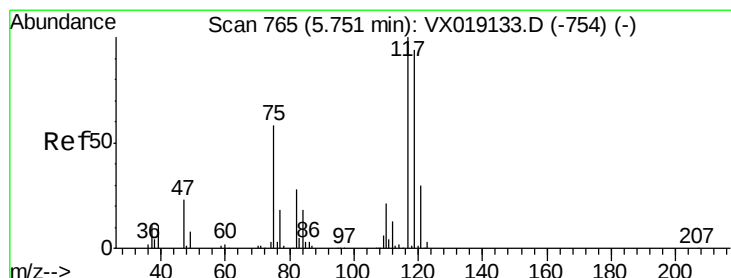
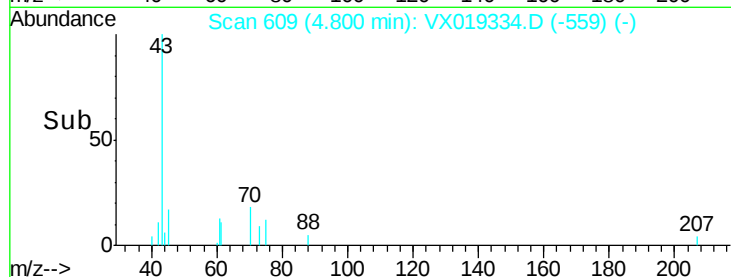
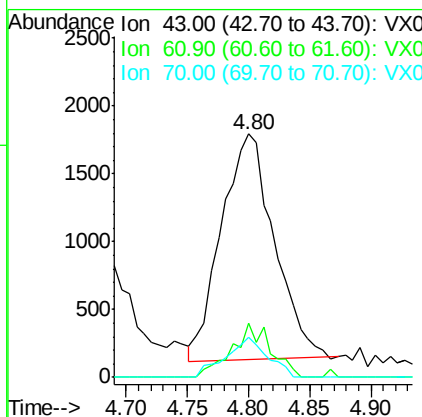
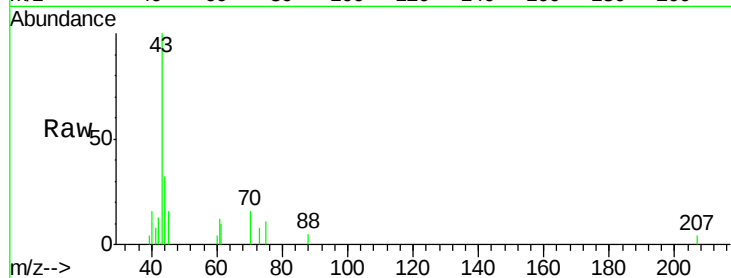




#37
Ethyl Acetate
Concen: 1.136 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX019334.D
Acq: 06 Nov 2020 12:21

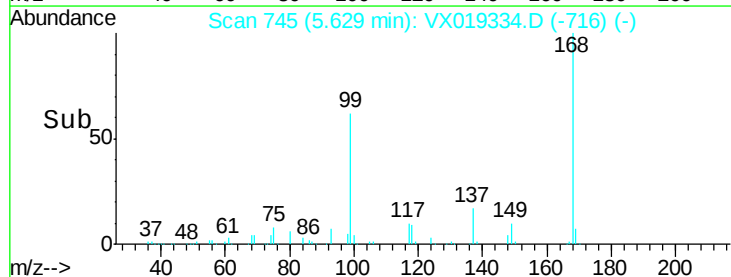
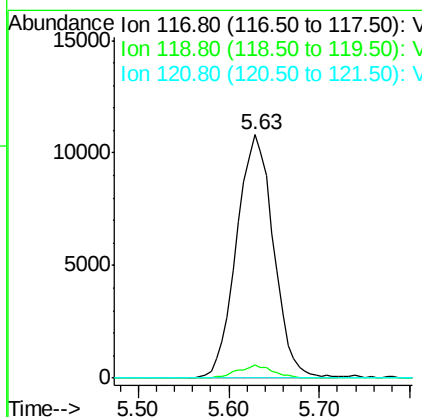
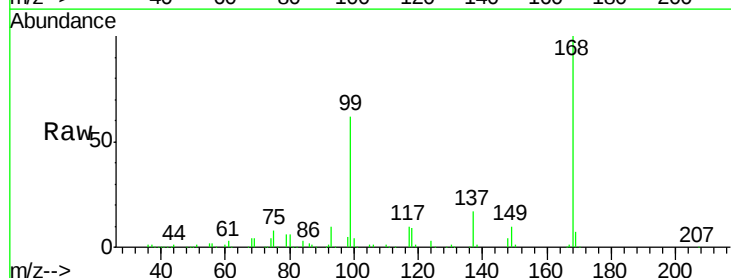
Instrument :
MSVOA_X
ClientSampleID :
32733DL

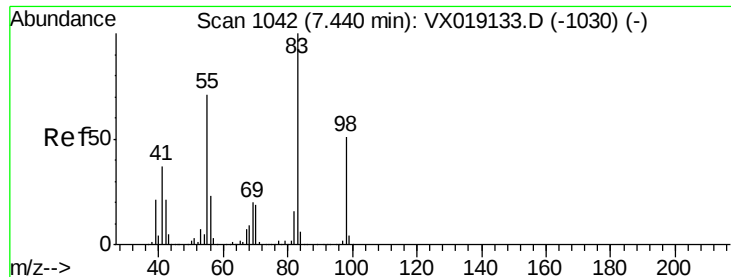
Tot Ion: 43 Resp: 5013
Ion Ratio Lower Upper
43 100
61 17.6 12.5 18.7
70 13.9 10.5 15.7



#38
Carbon Tetrachloride
Concen: 6.318 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX019334.D
Acq: 06 Nov 2020 12:21

Tgt Ion: 117 Resp: 30610
Ion Ratio Lower Upper
117 100
119 5.3 75.0 112.6#
121 0.0 23.9 35.9#

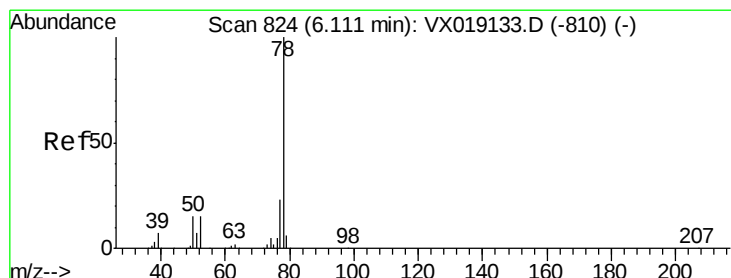
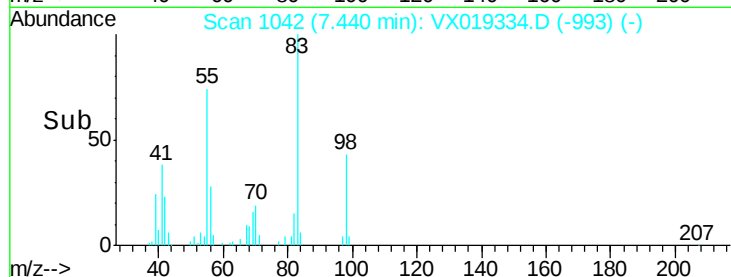
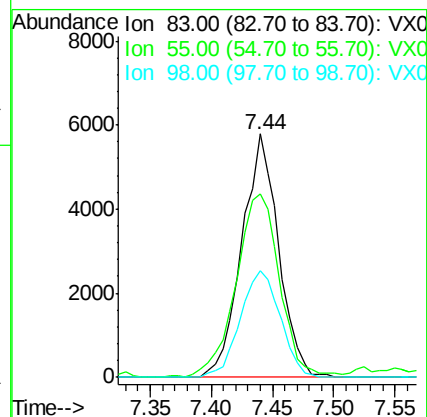
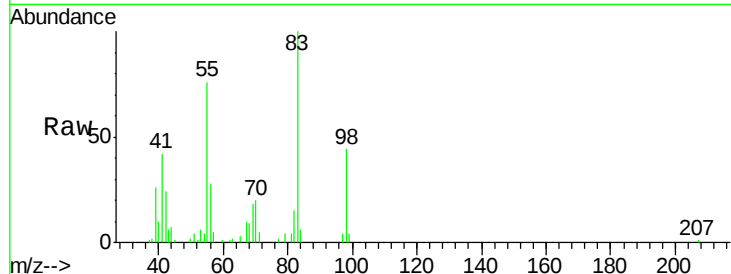




#39
Methvlcvclohexane
Concen: 2.124 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019334.D
Acq: 06 Nov 2020 12:21

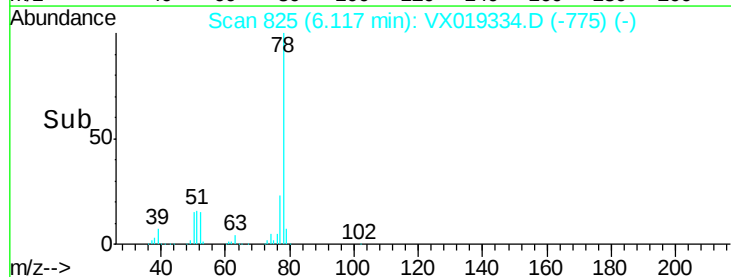
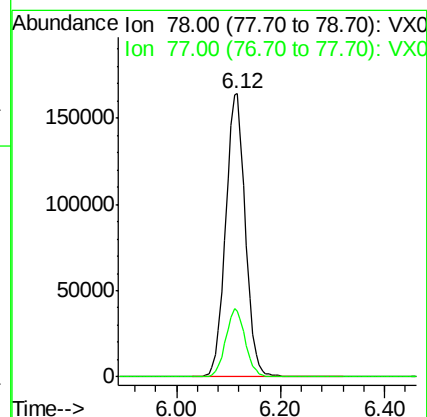
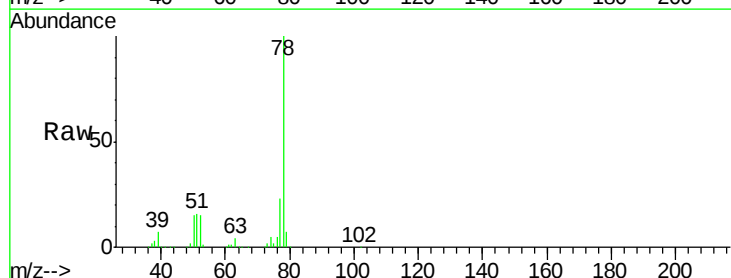
Instrument :
MSVOA_X
ClientSampleId :
32733DL

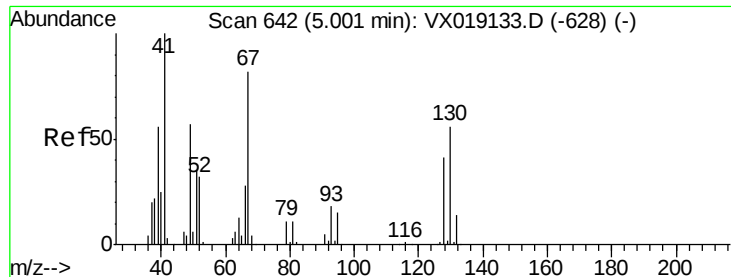
Tot Ion: 83 Resp: 12072
Ion Ratio Lower Upper
83 100
55 74.3 57.0 85.6
98 43.9 40.5 60.7



#40
Benzene
Concen: 32.509 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX019334.D
Acq: 06 Nov 2020 12:21

Tgt Ion: 78 Resp: 438127
Ion Ratio Lower Upper
78 100
77 23.3 18.7 28.1

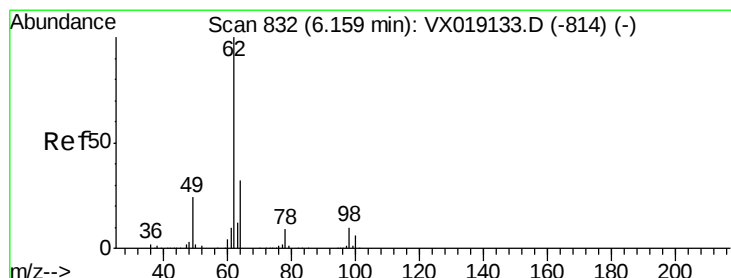
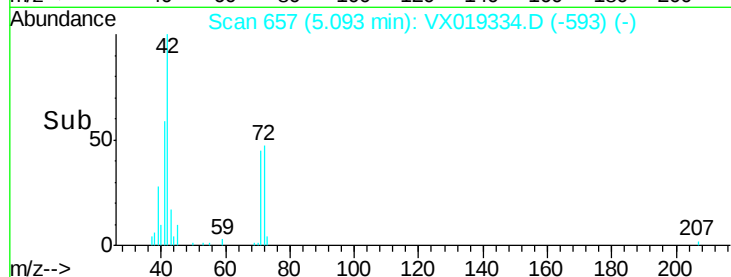
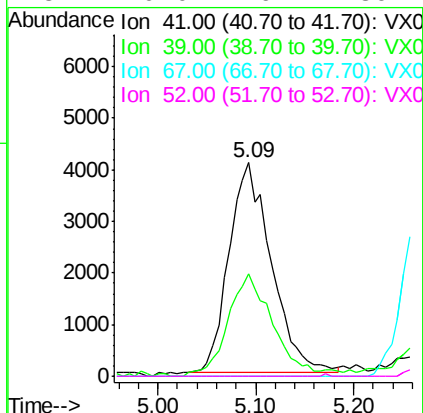
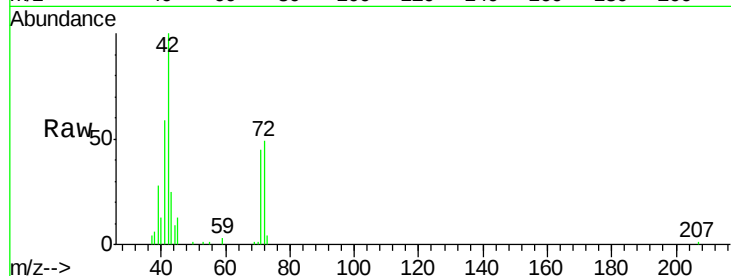




#41
Methacrylonitrile
Concen: 5.144 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.09 min
Lab File: VX019334.D
Acq: 06 Nov 2020 12:21

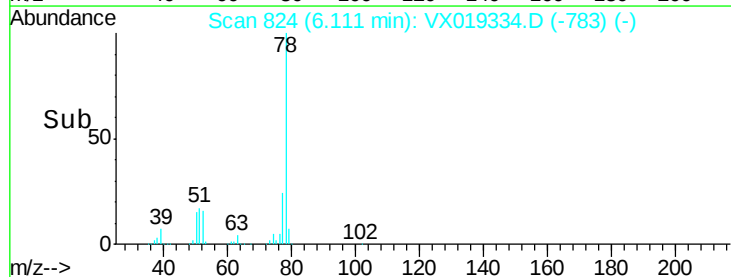
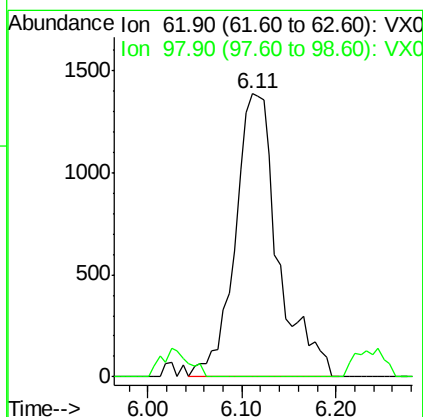
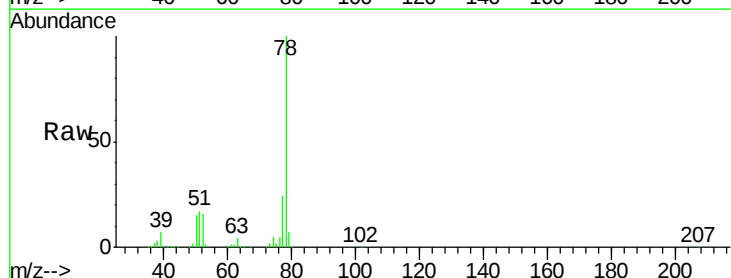
Instrument :
MSVOA_X
ClientSampleID :
32733DL

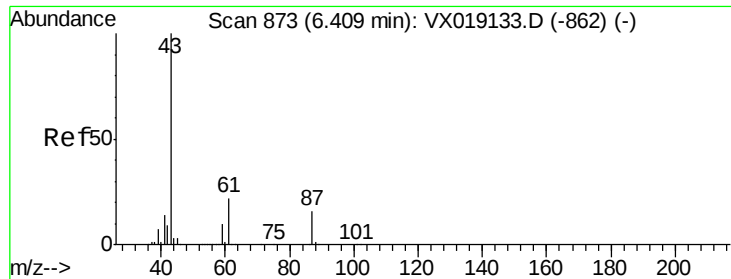
Tot Ion:	41	Resp:	12227
Ion	Ratio	Lower	Upper
41	100		
39	50.9	44.4	66.6
67	0.0	66.4	99.6#
52	0.0	26.2	39.4#



#42
1,2-Dichloroethane
Concen: 0.890 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.05 min
Lab File: VX019334.D
Acq: 06 Nov 2020 12:21

Tgt Ion:	62	Resp:	4421
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	19.0





#43

Isopropyl Acetate

Concen: 0.256 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX019334.D

Acq: 06 Nov 2020 12:21

Instrument :

MSVOA_X

ClientSampleID :

32733DL

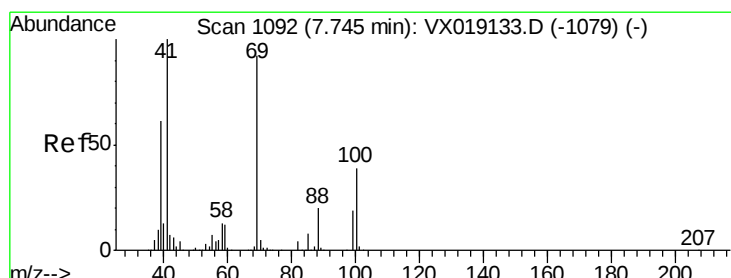
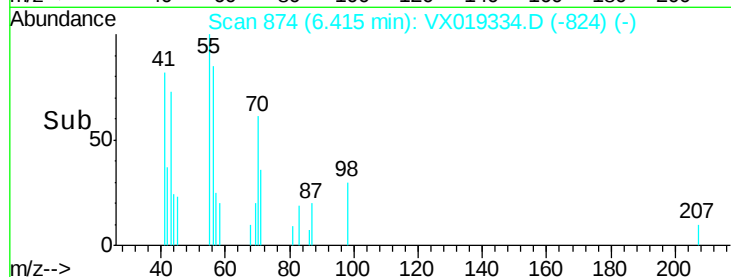
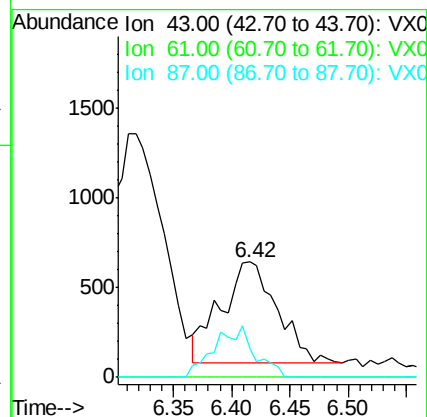
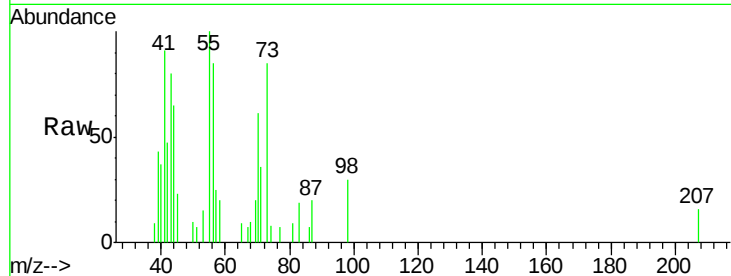
Tot Ion: 43 Resp: 1892

Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 36.4 12.6 19.0#



#48

Methyl methacrylate

Concen: 0.253 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.04 min

Lab File: VX019334.D

Acq: 06 Nov 2020 12:21

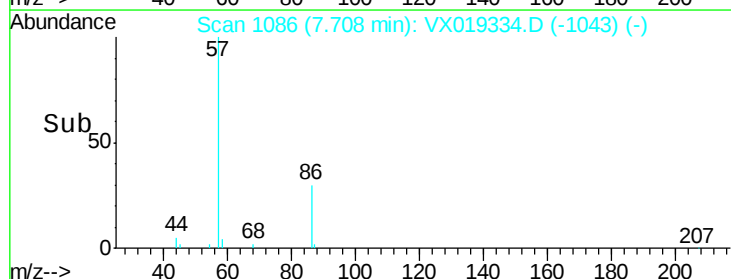
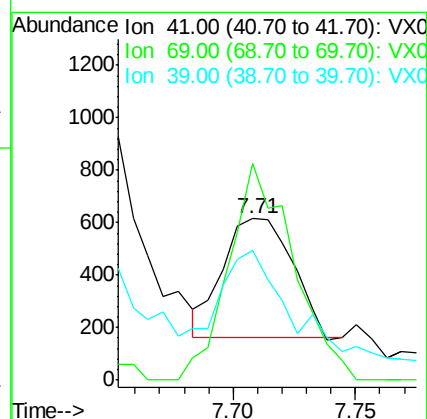
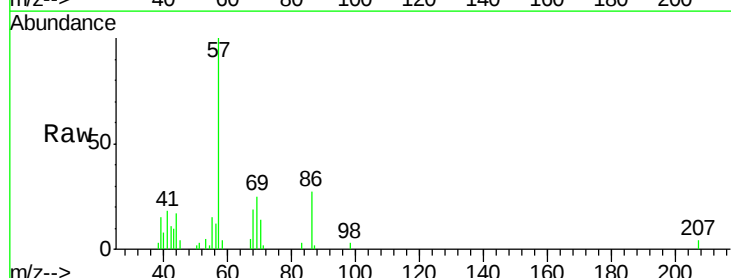
Tgt Ion: 41 Resp: 900

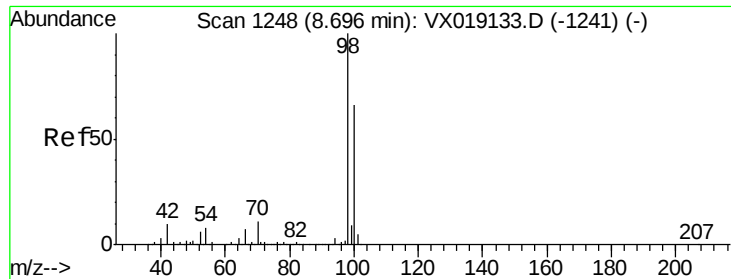
Ion Ratio Lower Upper

41 100

69 168.0 75.5 113.3#

39 94.2 48.9 73.3#

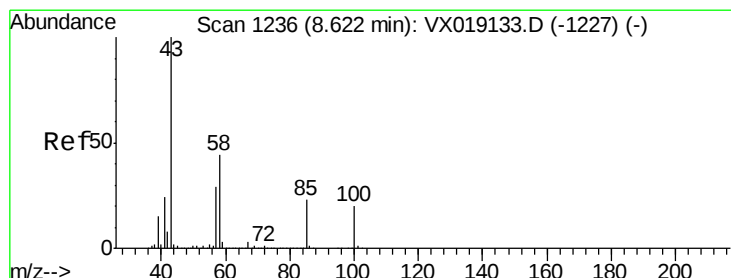
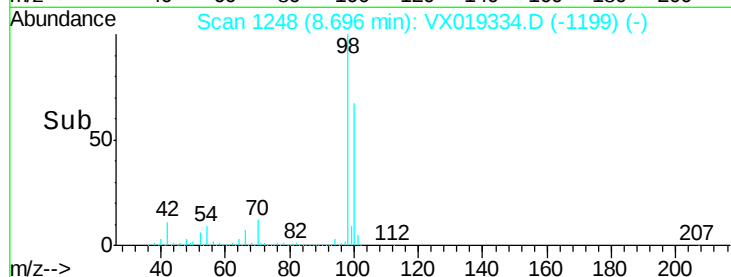
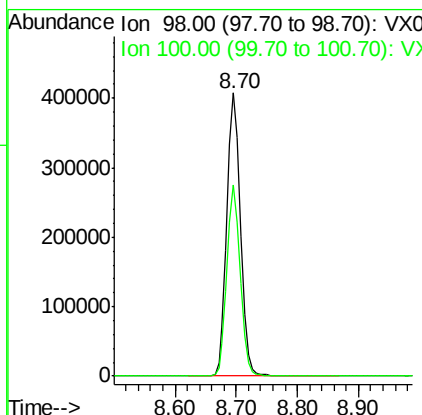
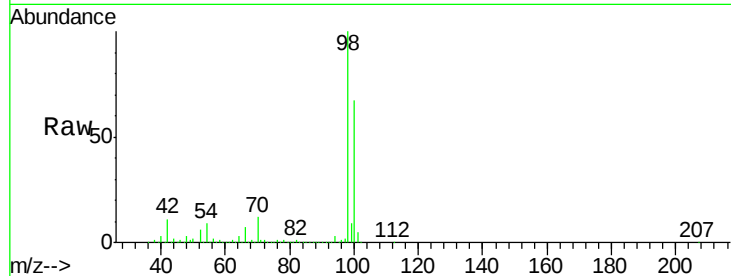




#50
Toluene-d8
Concen: 51.409 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019334.D
Acq: 06 Nov 2020 12:21

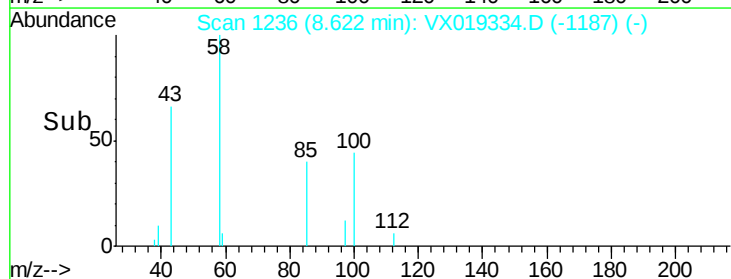
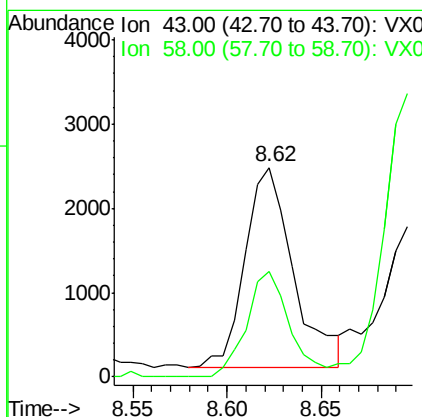
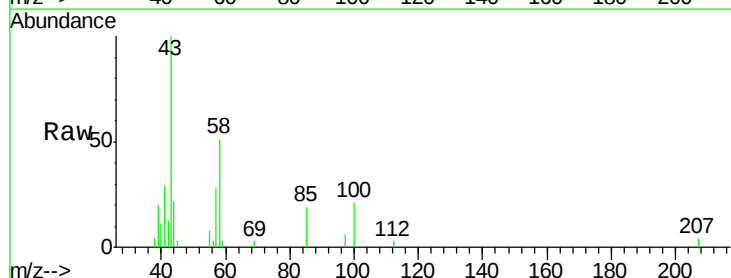
Instrument :
MSVOA_X
ClientSampled :
32733DL

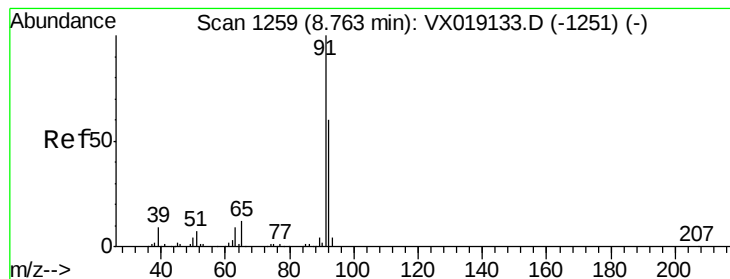
Tot Ion: 98 Resp: 626603
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 1.000 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX019334.D
Acq: 06 Nov 2020 12:21

Tgt Ion: 43 Resp: 4248
Ion Ratio Lower Upper
43 100
58 46.5 35.0 52.4





#52

Toluene

Concen: 117.958 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019334.D

Acq: 06 Nov 2020 12:21

Instrument :

MSVOA_X

ClientSampleId :

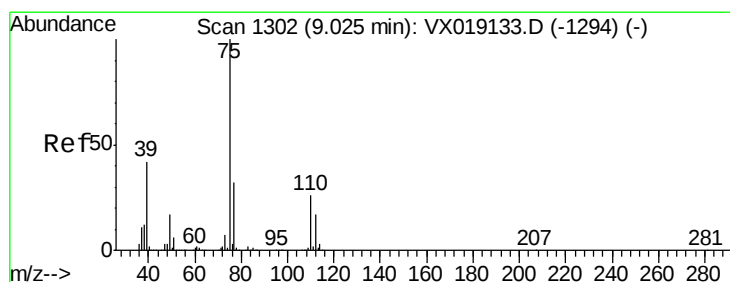
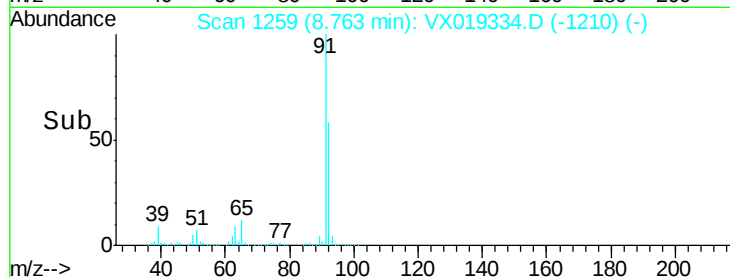
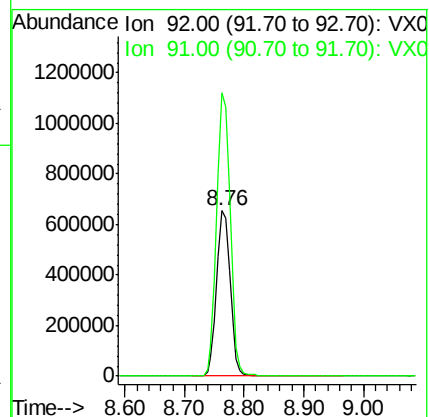
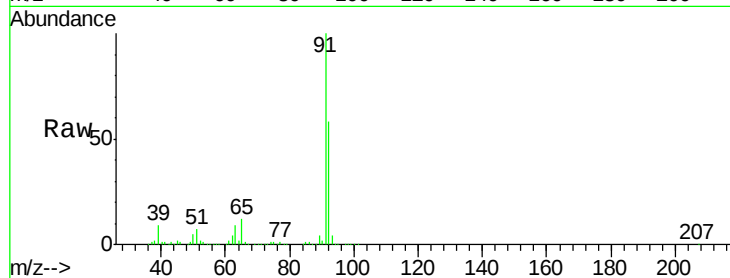
32733DL

Tot Ion: 92 Resp: 1023895

Ion Ratio Lower Upper

92 100

91 171.1 136.3 204.5



#53

t-1,3-Dichloropropene

Concen: 2.222 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.26 min

Lab File: VX019334.D

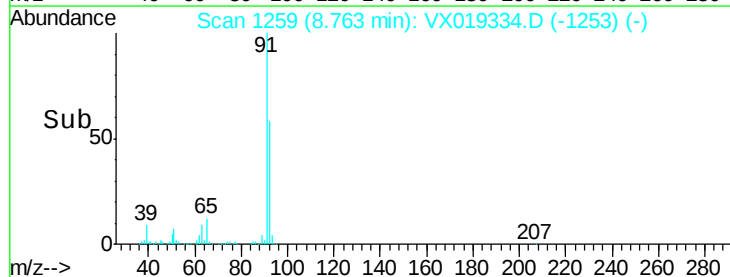
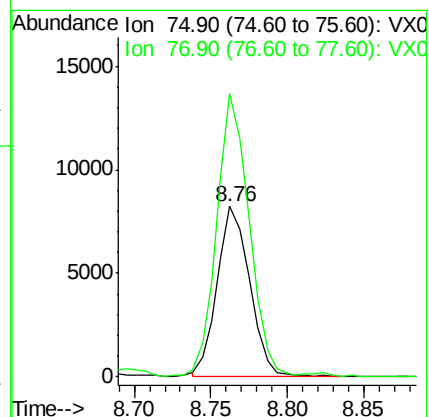
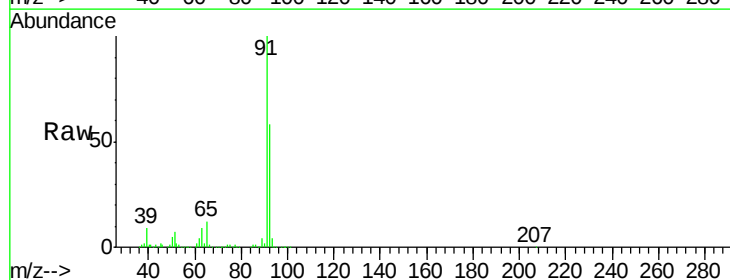
Acq: 06 Nov 2020 12:21

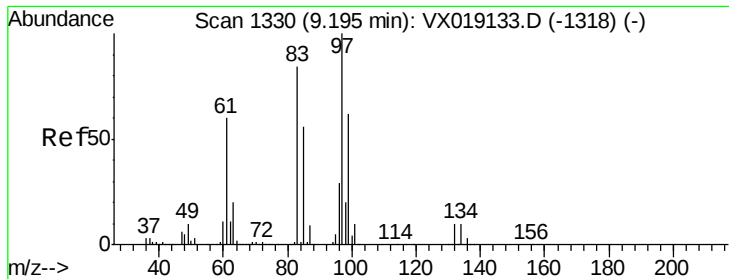
Tgt Ion: 75 Resp: 12212

Ion Ratio Lower Upper

75 100

77 165.4 25.4 38.0#

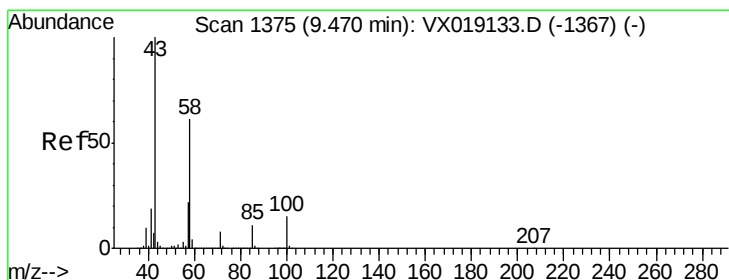
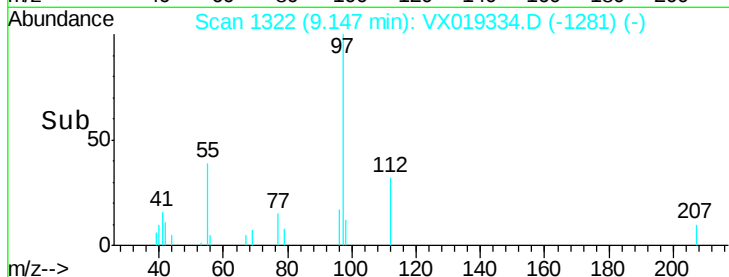
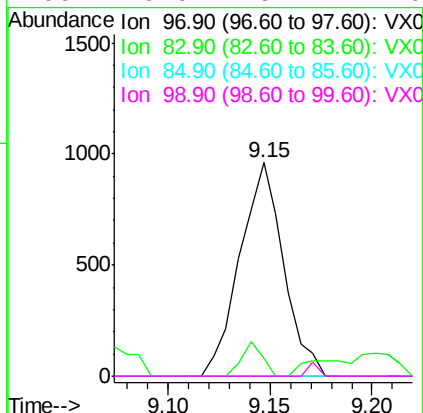
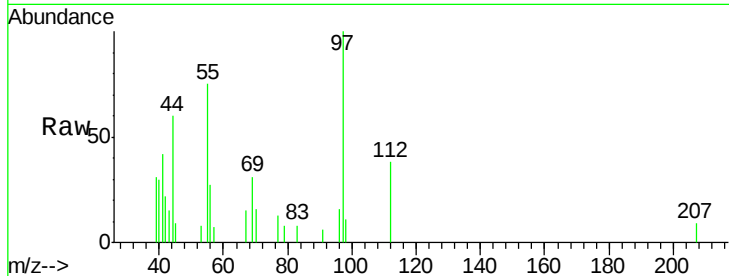




#55
 1,1,2-Trichloroethane
 Concen: 0.415 ug/l
 RT: 9.15 min Scan# 1322
 Delta R.T. -0.05 min
 Lab File: VX019334.D
 Acq: 06 Nov 2020 12:21

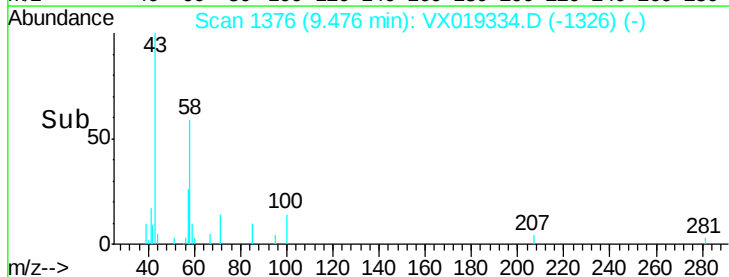
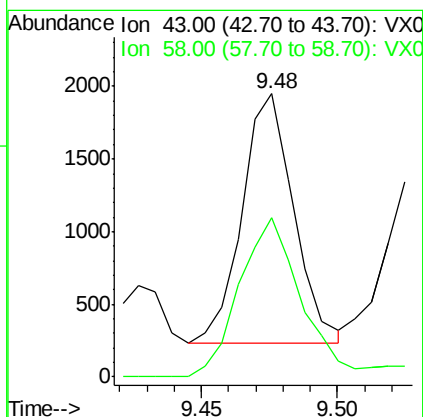
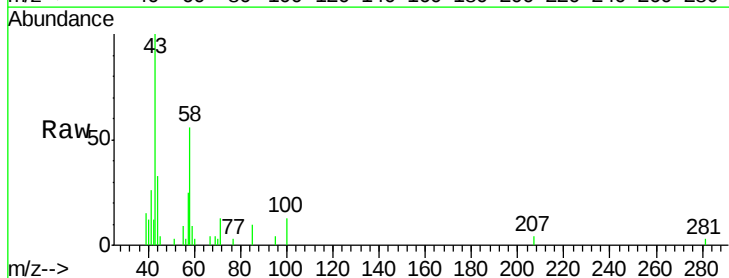
Instrument :
 MSVOA_X
 ClientSampleId :
 32733DL

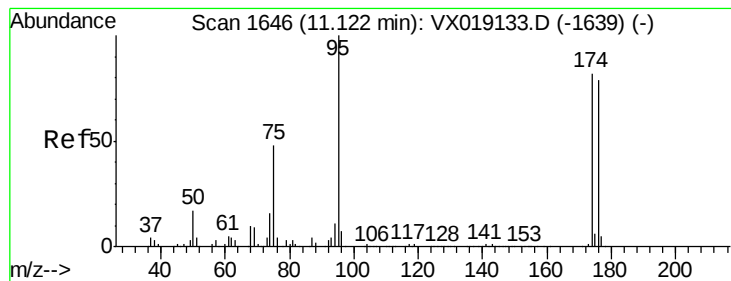
Tot Ion: 97 Resp: 1425
 Ion Ratio Lower Upper
 97 100
 83 8.4 67.2 100.8#
 85 0.0 44.6 67.0#
 99 0.0 49.4 74.0#



#59
 2-Hexanone
 Concen: 0.702 ug/l
 RT: 9.48 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: VX019334.D
 Acq: 06 Nov 2020 12:21

Tgt Ion: 43 Resp: 2270
 Ion Ratio Lower Upper
 43 100
 58 75.8 30.5 91.5





#62

4-Bromofluorobenzene

Concen: 54.178 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019334.D

Acq: 06 Nov 2020 12:21

Instrument :

MSVOA_X

ClientSampleId :

32733DL

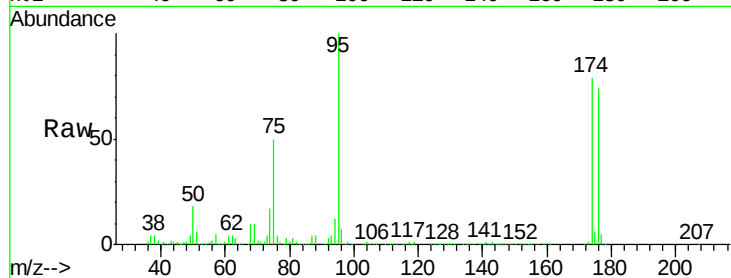
Tot Ion: 95 Resp: 250078

Ion Ratio Lower Upper

95 100

174 75.8 0.0 156.0

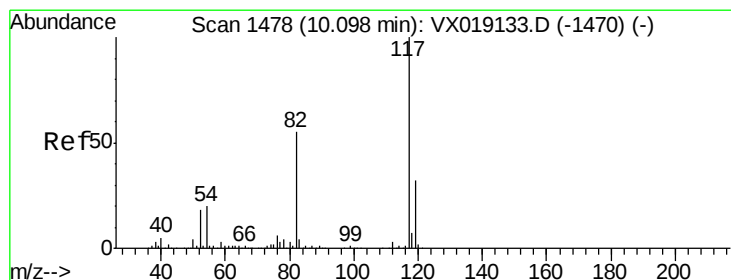
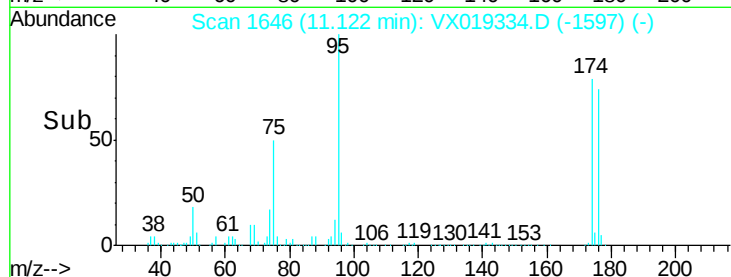
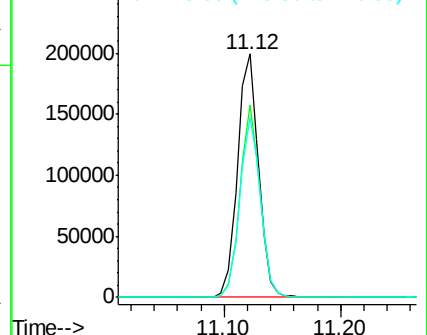
176 72.9 0.0 149.8



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: VX019334.D

Acq: 06 Nov 2020 12:21

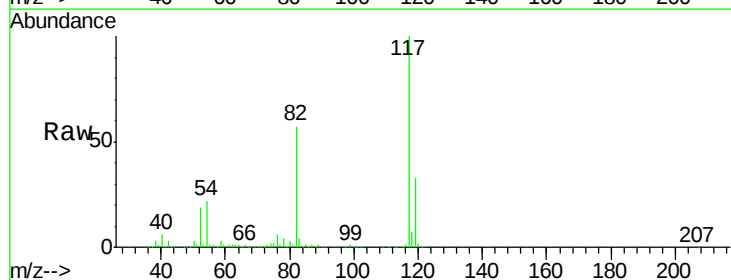
Tgt Ion: 117 Resp: 486932

Ion Ratio Lower Upper

117 100

82 57.0 43.6 65.4

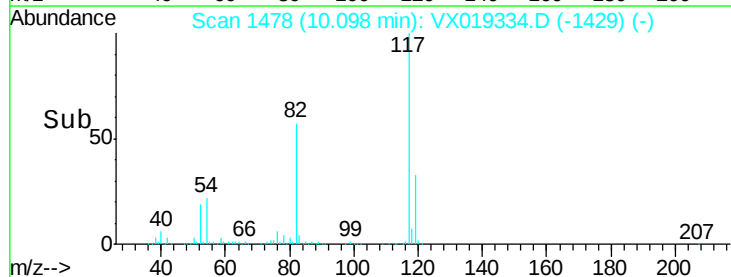
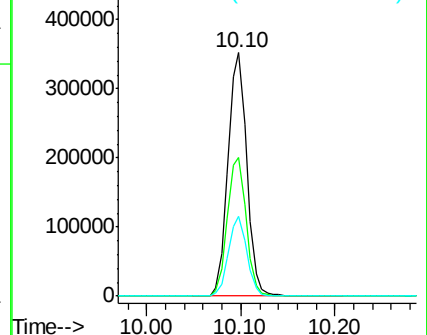
119 32.6 25.5 38.3

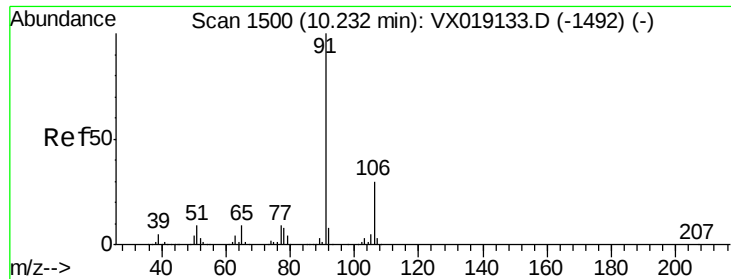


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

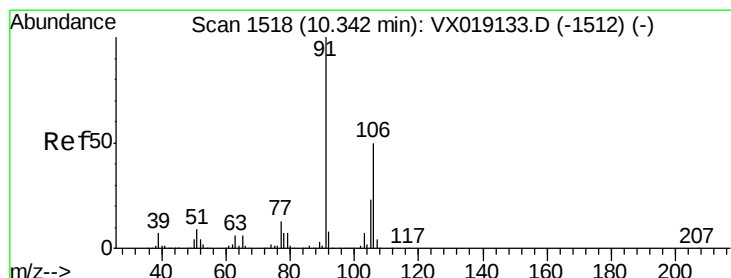
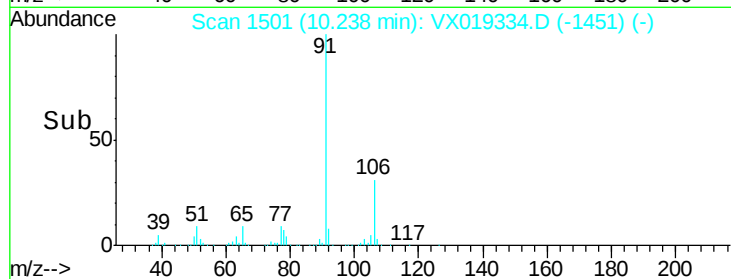
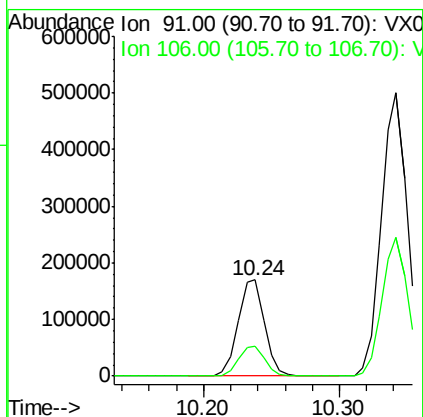
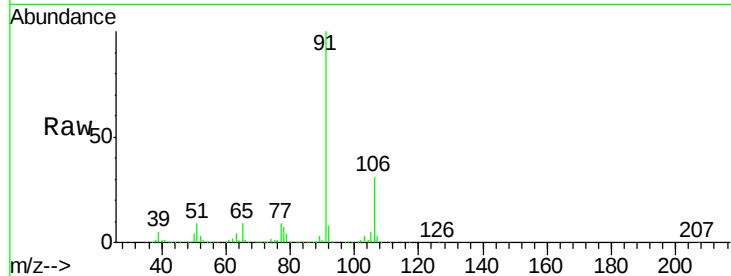




#67
Ethyl Benzene
Concen: 13.003 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX019334.D
Acq: 06 Nov 2020 12:21

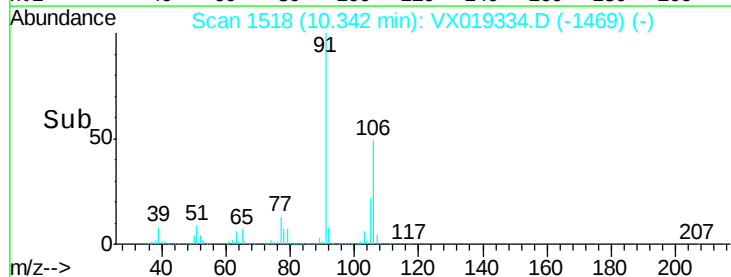
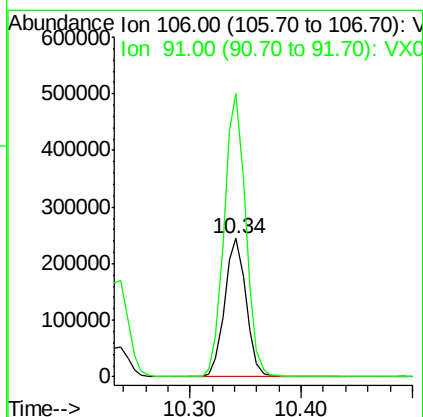
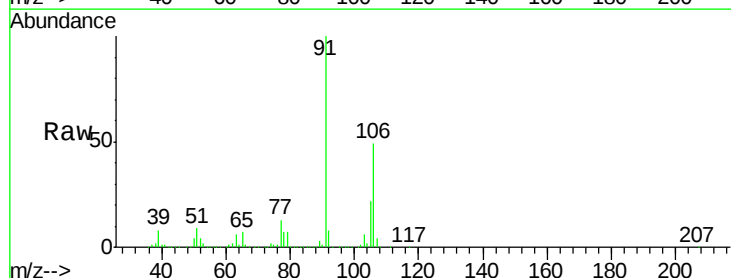
Instrument :
MSVOA_X
ClientSampled :
32733DL

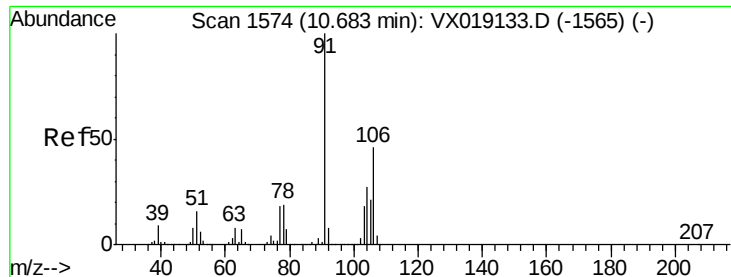
Tot Ion: 91 Resp: 230595
Ion Ratio Lower Upper
91 100
106 31.2 24.3 36.5



#68
m/p-Xylenes
Concen: 48.873 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019334.D
Acq: 06 Nov 2020 12:21

Tgt Ion: 106 Resp: 325302
Ion Ratio Lower Upper
106 100
91 205.8 161.0 241.4

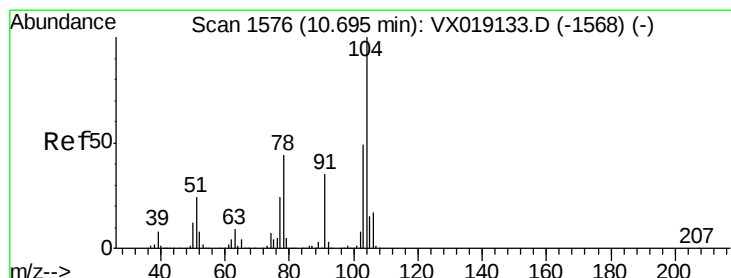
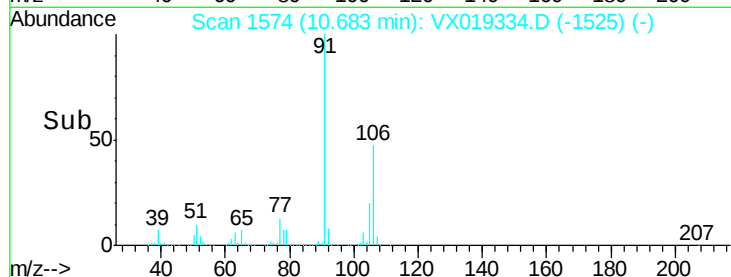
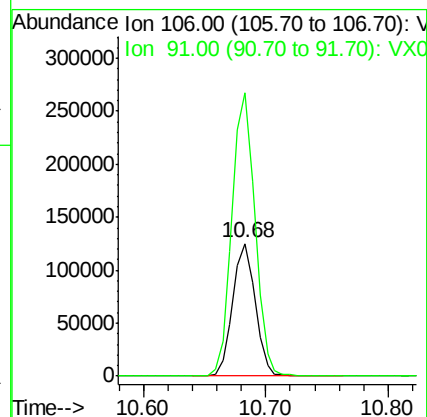
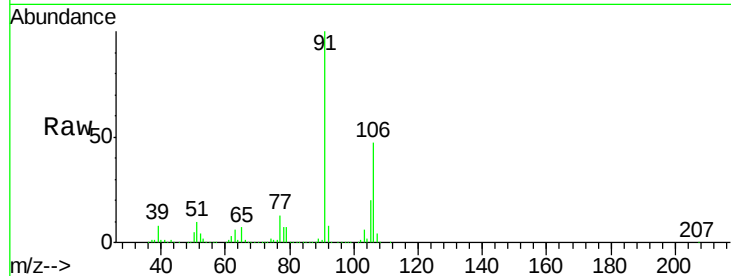




#69
o-Xylene
Concen: 25.364 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019334.D
Acq: 06 Nov 2020 12:21

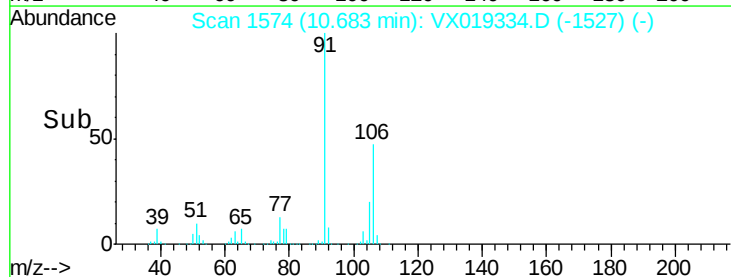
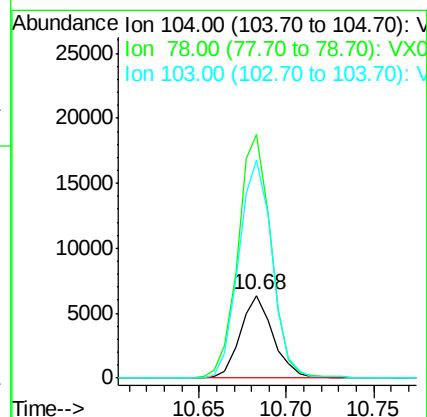
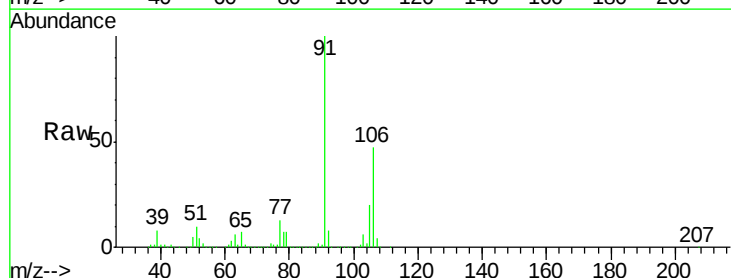
Instrument :
MSVOA_X
ClientSampled :
32733DL

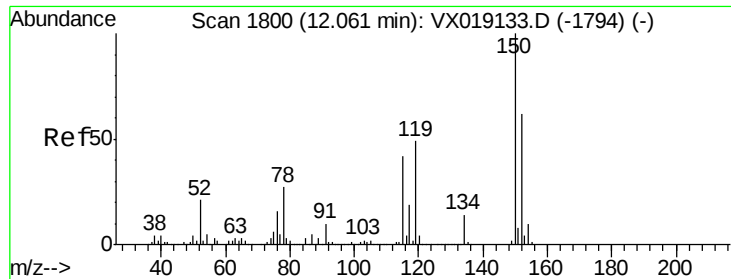
Tot Ion:106 Resp: 160131
Ion Ratio Lower Upper
106 100
91 216.6 108.3 324.8



#70
Styrene
Concen: 0.766 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.01 min
Lab File: VX019334.D
Acq: 06 Nov 2020 12:21

Tgt Ion:104 Resp: 8252
Ion Ratio Lower Upper
104 100
78 299.8 40.0 60.0#
103 271.6 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: VX019334.D

Acq: 06 Nov 2020 12:21

Instrument :

MSVOA_X

ClientSampleId :

32733DL

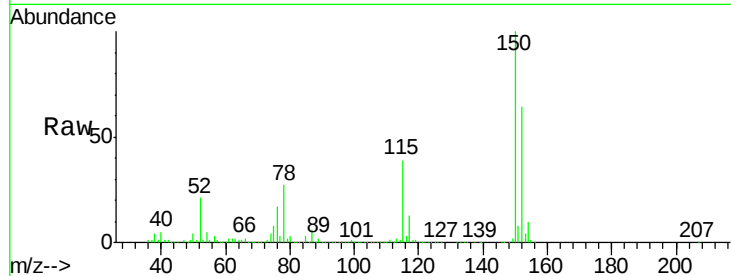
Tot Ion:152 Resp: 254152

Ion Ratio Lower Upper

152 100

115 61.6 41.9 125.7

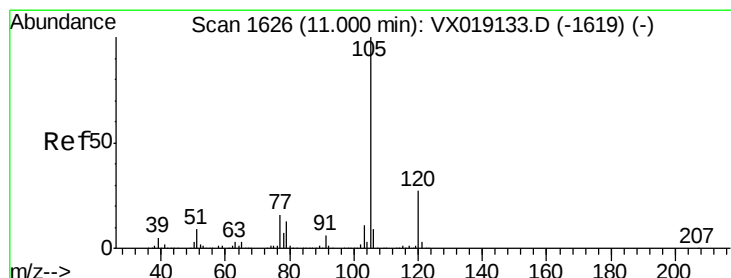
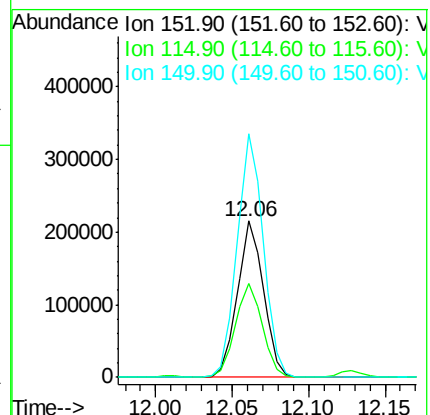
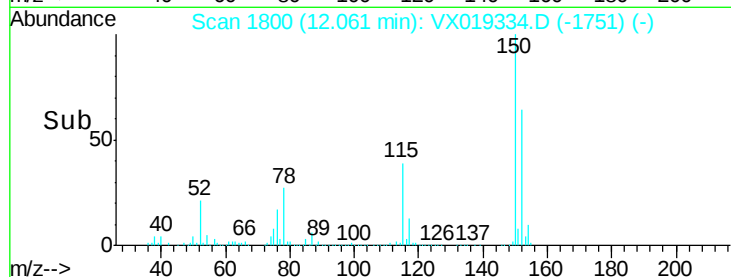
150 156.6 0.0 347.8



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: 1.161 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019334.D

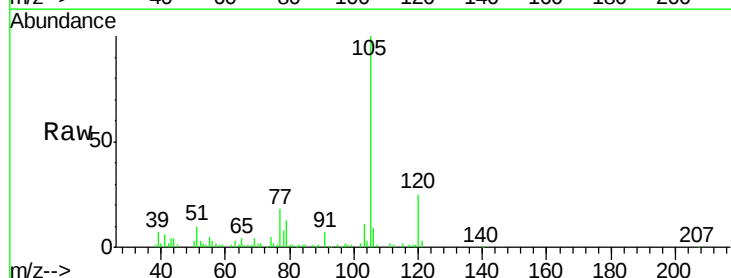
Acq: 06 Nov 2020 12:21

Tgt Ion:105 Resp: 20882

Ion Ratio Lower Upper

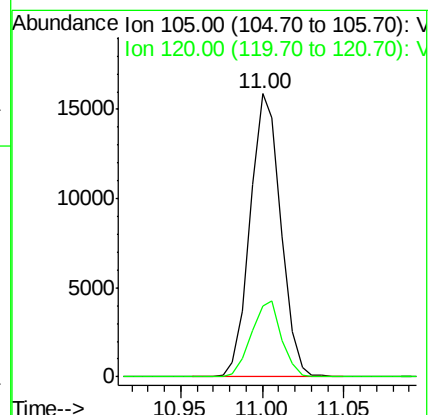
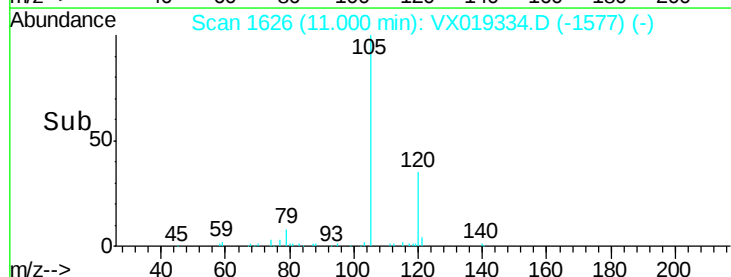
105 100

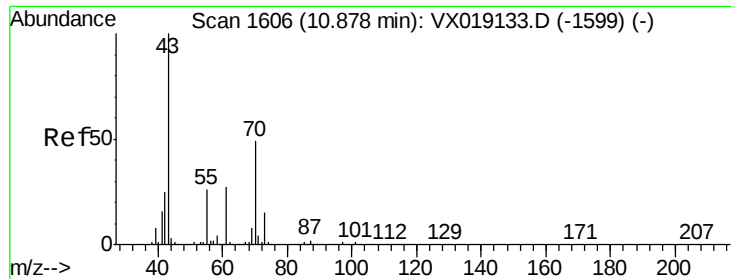
120 26.2 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.358 ug/l

RT: 10.89 min Scan# 1608

Delta R.T. 0.01 min

Lab File: VX019334.D

Acq: 06 Nov 2020 12:21

Instrument :

MSVOA_X

ClientSampleId :

32733DL

Tot Ion: 43 Resp: 2358

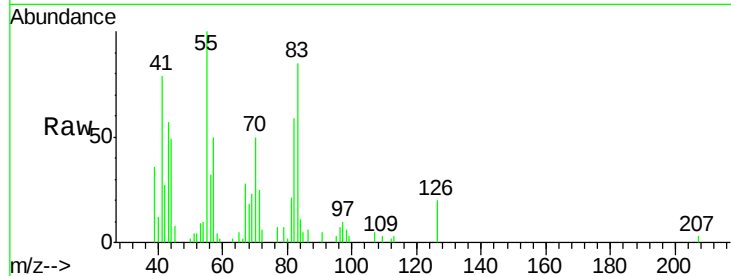
Ion Ratio Lower Upper

43 100

70 120.1 39.6 59.4#

55 268.0 20.7 31.1#

61 0.0 21.9 32.9#



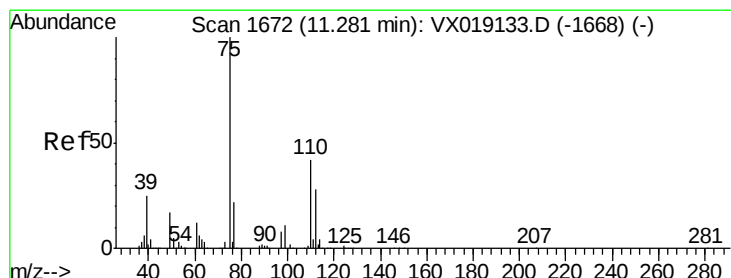
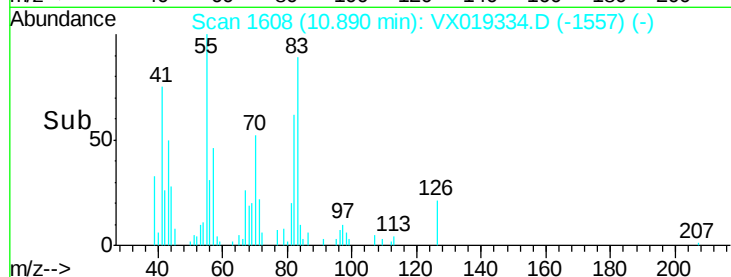
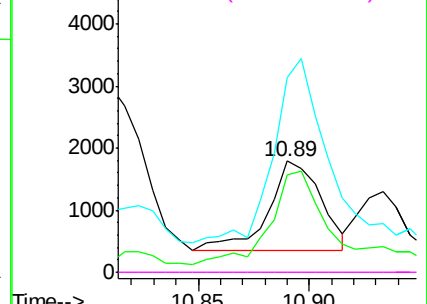
Abundance

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



#76

1,2,3-Trichloropropane

Concen: 24.486 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX019334.D

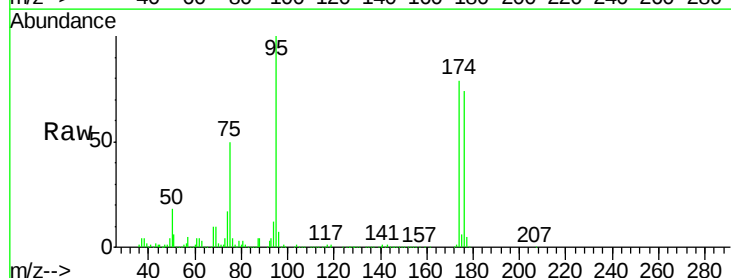
Acq: 06 Nov 2020 12:21

Tgt Ion: 75 Resp: 128495

Ion Ratio Lower Upper

75 100

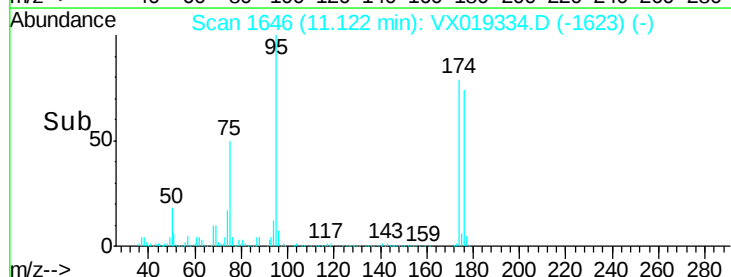
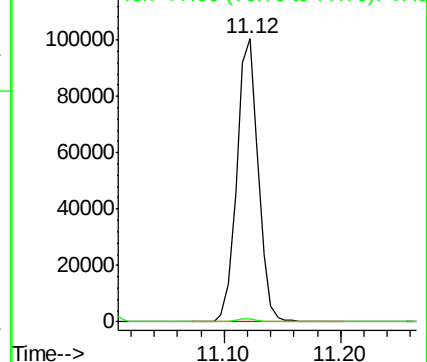
77 0.0 20.3 60.9#

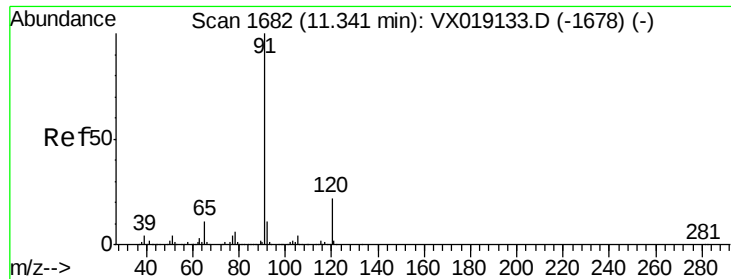


Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 4.022 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019334.D

Acq: 06 Nov 2020 12:21

Instrument :

MSVOA_X

ClientSampleId :

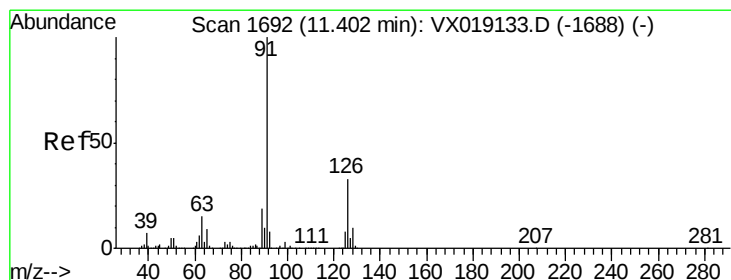
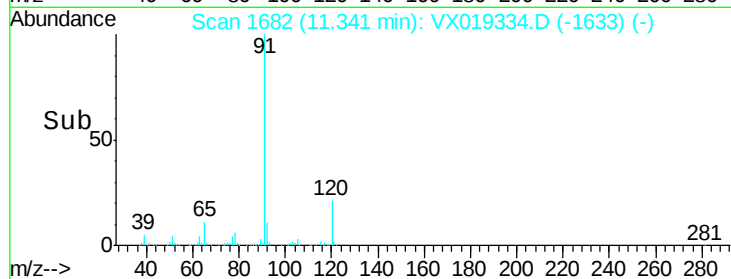
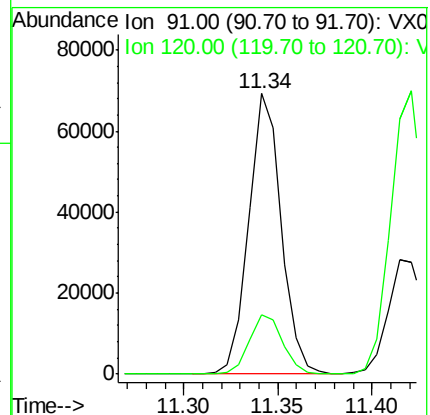
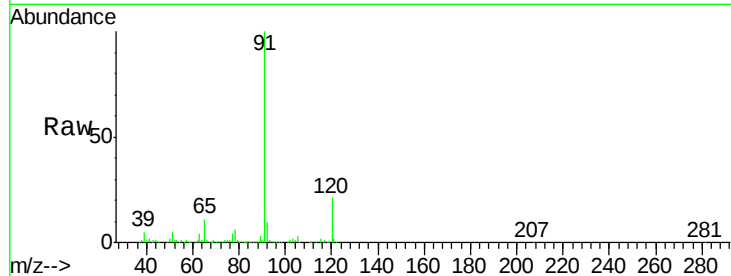
32733DL

Tot Ion: 91 Resp: 82604

Ion Ratio Lower Upper

91 100

120 21.8 11.7 35.0



#79

2-Chlorotoluene

Concen: 3.991 ug/l

RT: 11.41 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VX019334.D

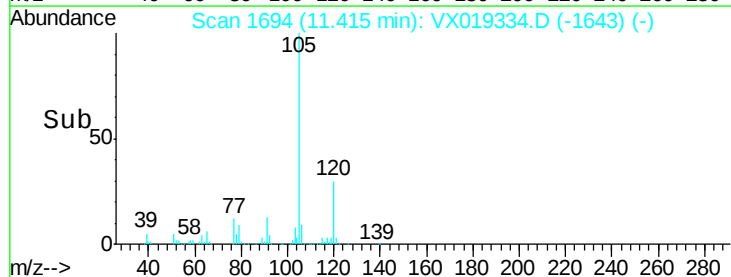
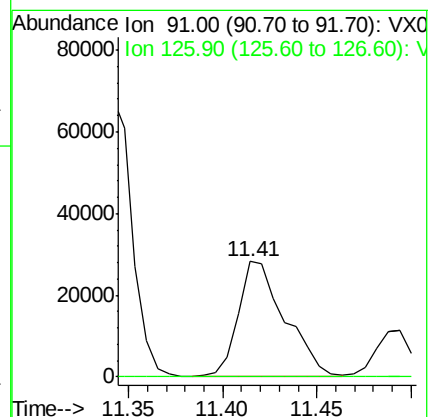
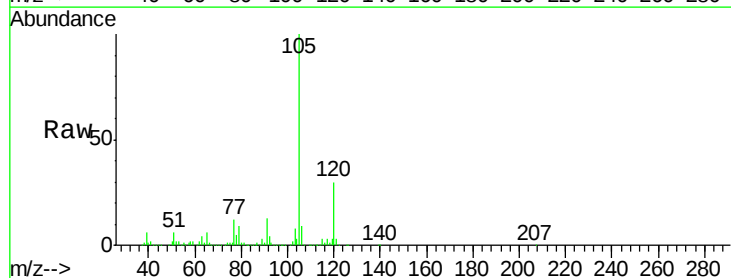
Acq: 06 Nov 2020 12:21

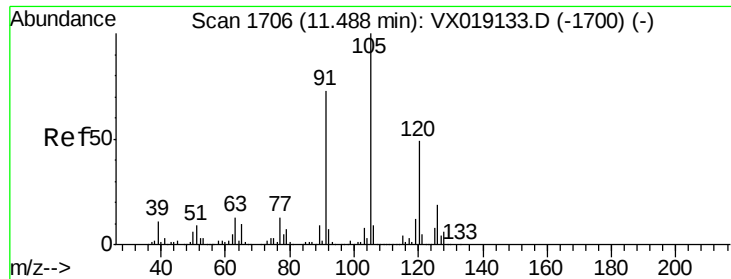
Tgt Ion: 91 Resp: 48254

Ion Ratio Lower Upper

91 100

126 0.2 16.9 50.7#





#80

1,3,5-Trimethylbenzene

Concen: 8.712 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019334.D

Acq: 06 Nov 2020 12:21

Instrument :

MSVOA_X

ClientSampled :

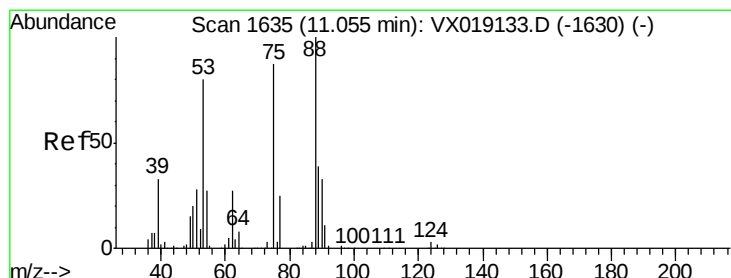
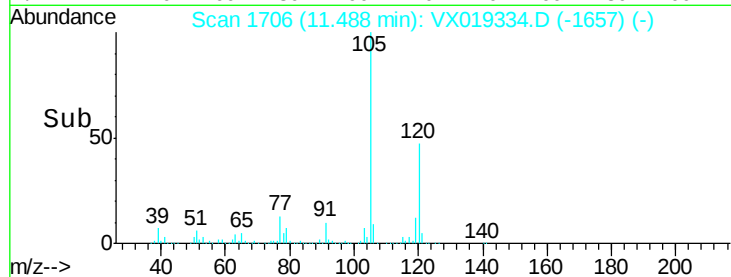
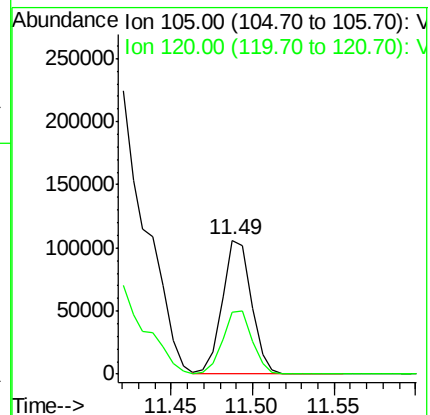
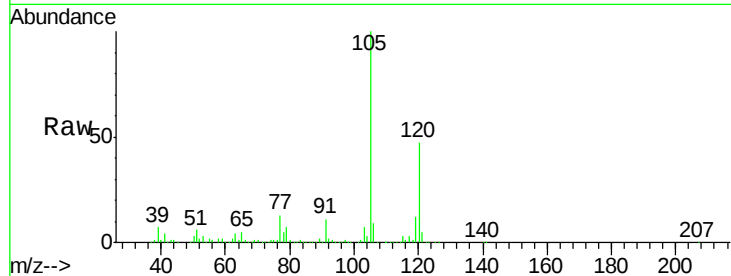
32733DL

Tot Ion:105 Resp: 132411

Ion Ratio Lower Upper

105 100

120 48.3 24.3 72.8



#81

trans-1,4-Dichloro-2-butene

Concen: 64.471 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX019334.D

Acq: 06 Nov 2020 12:21

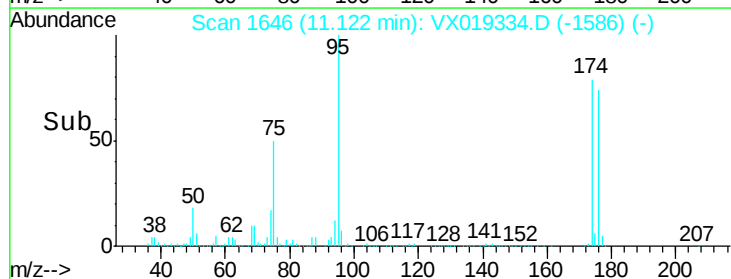
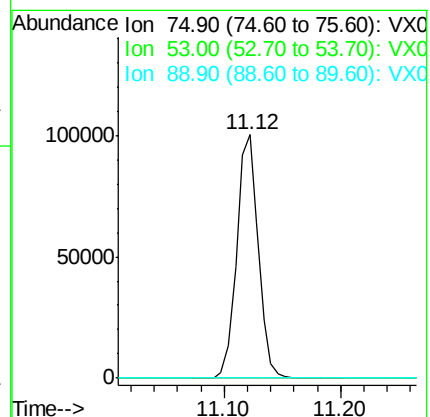
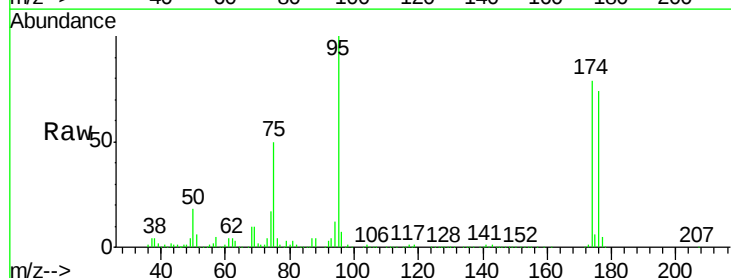
Tgt Ion: 75 Resp: 128495

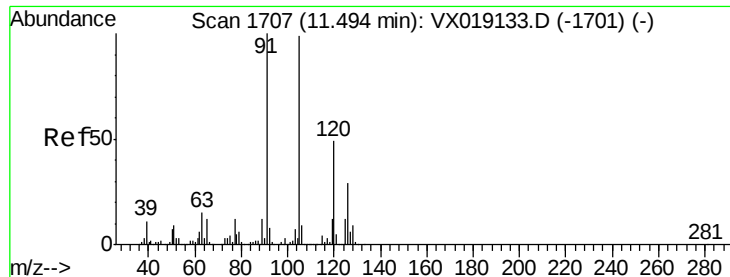
Ion Ratio Lower Upper

75 100

53 0.0 73.3 109.9#

89 0.0 38.2 57.2#





#82

4-Chlorotoluene

Concen: 1.011 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019334.D

Acq: 06 Nov 2020 12:21

Instrument :

MSVOA_X

ClientSampled :

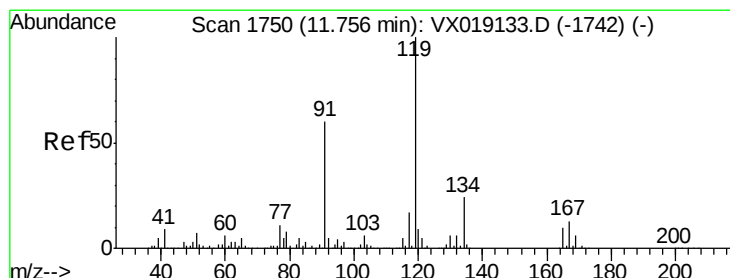
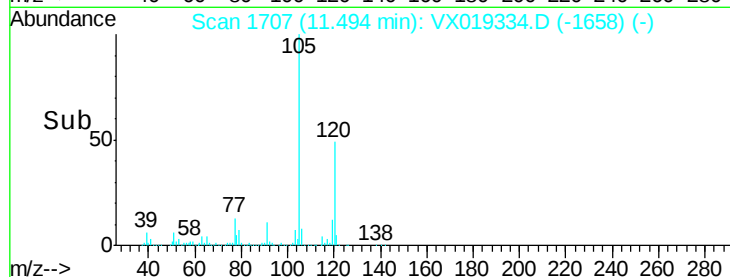
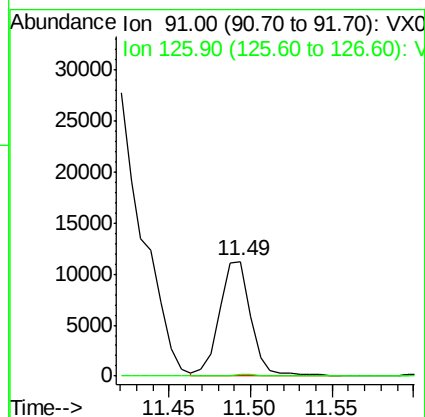
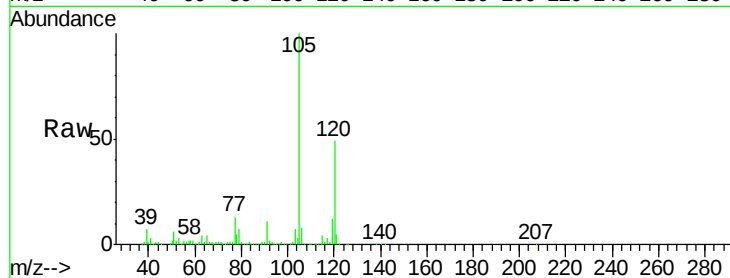
32733DL

Tot Ion: 91 Resp: 14926

Ion Ratio Lower Upper

91 100

126 1.2 14.8 44.4#



#83

tert-Butylbenzene

Concen: 4.846 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.04 min

Lab File: VX019334.D

Acq: 06 Nov 2020 12:21

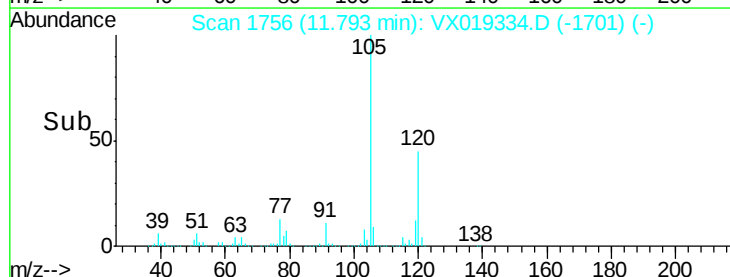
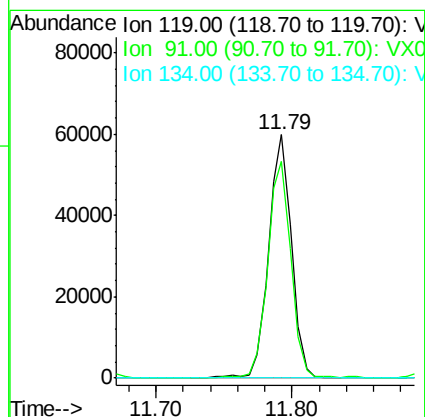
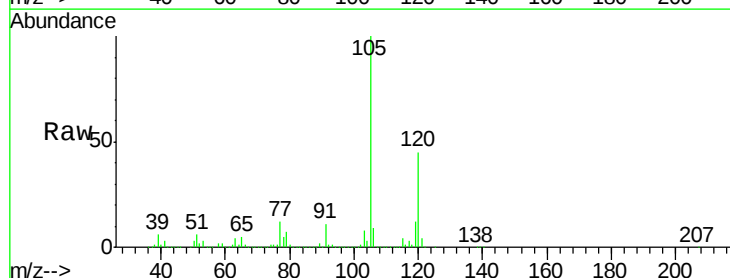
Tgt Ion: 119 Resp: 70520

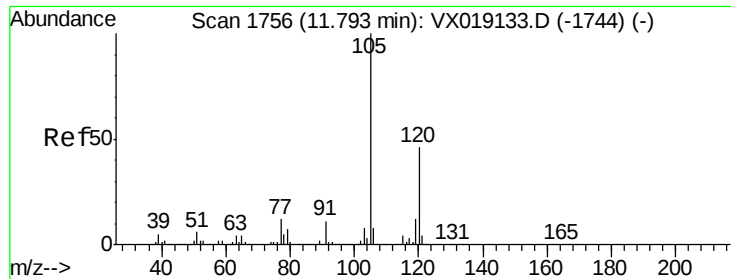
Ion Ratio Lower Upper

119 100

91 90.7 29.0 87.1#

134 0.0 11.7 35.0#

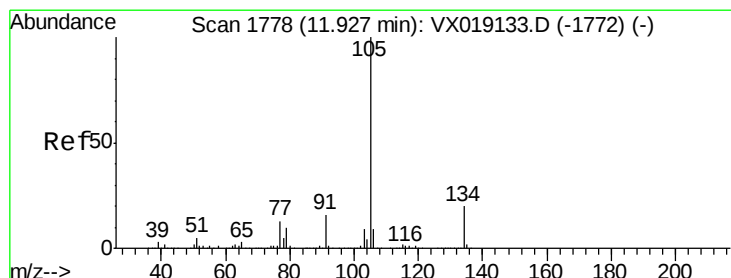
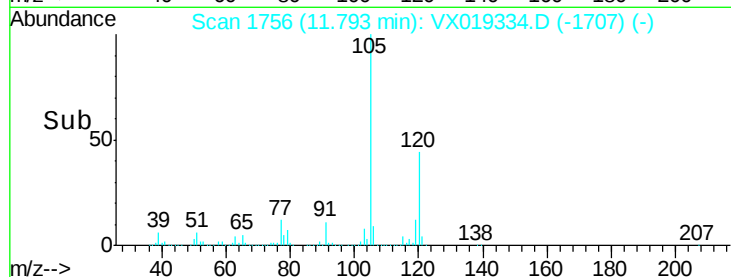
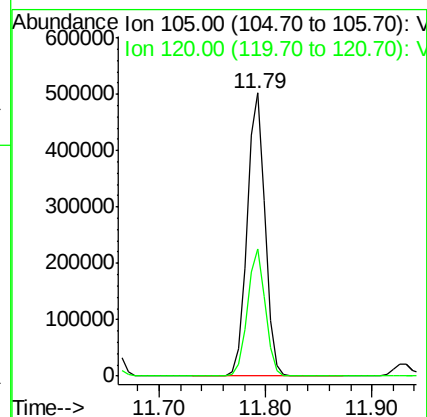
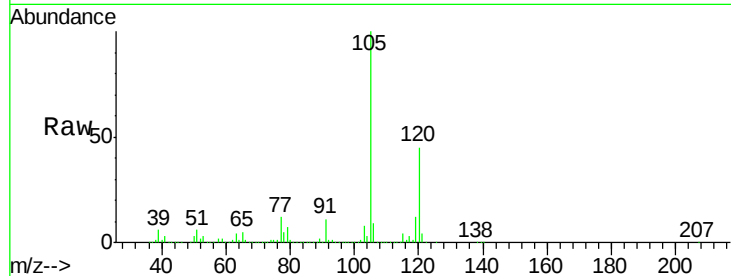




#84
 1,2,4-Trimethylbenzene
 Concen: 38.546 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019334.D
 Acq: 06 Nov 2020 12:21

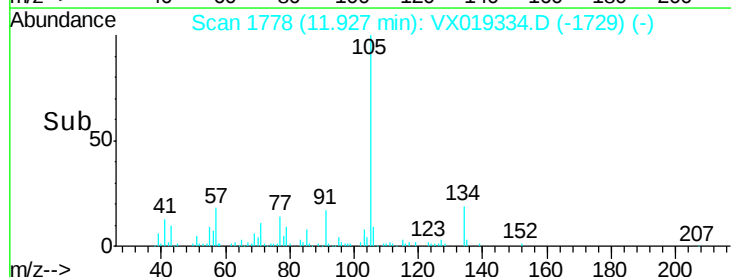
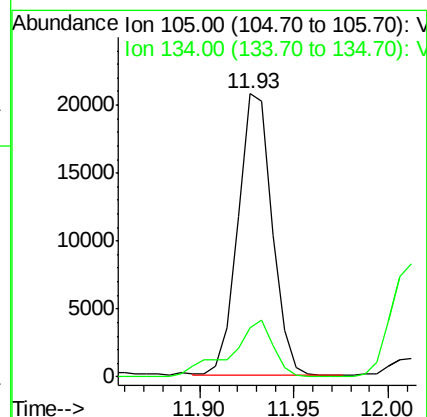
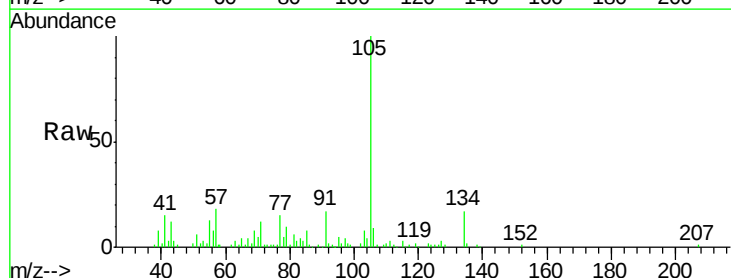
Instrument :
 MSVOA_X
 ClientSampled :
 32733DL

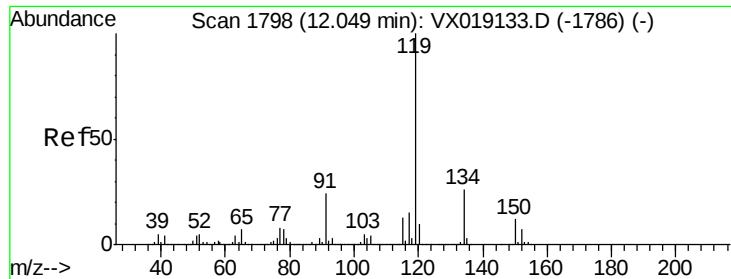
Tot Ion:105 Resp: 591418
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.4 67.3



#85
 sec-Butylbenzene
 Concen: 1.491 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019334.D
 Acq: 06 Nov 2020 12:21

Tgt Ion:105 Resp: 26030
 Ion Ratio Lower Upper
 105 100
 134 25.0 10.1 30.1

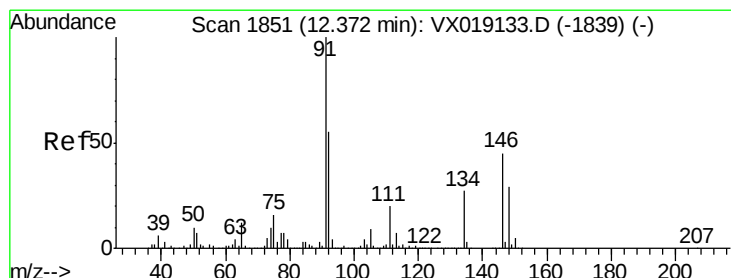
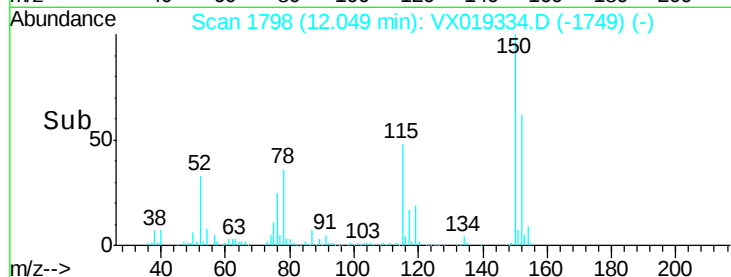
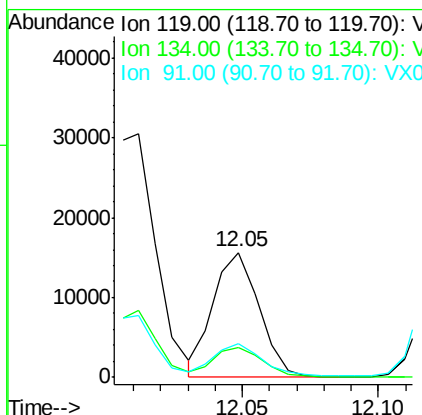
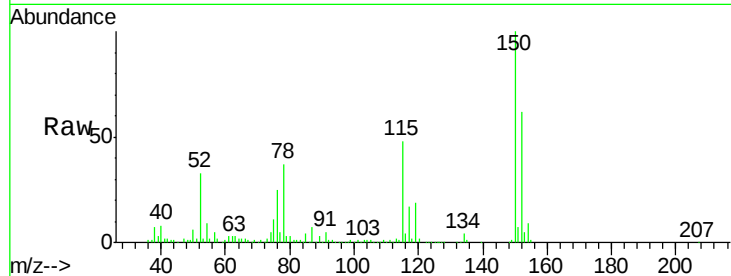




#86
 p-Isopropyltoluene
 Concen: 1.141 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019334.D
 Acq: 06 Nov 2020 12:21

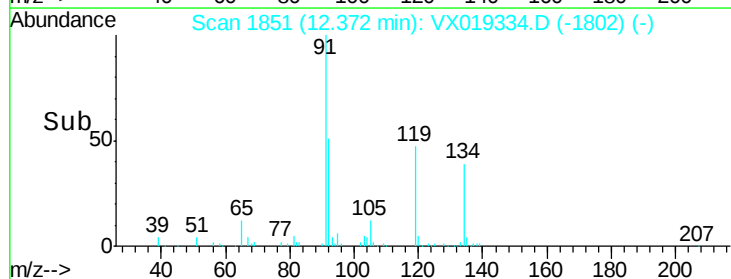
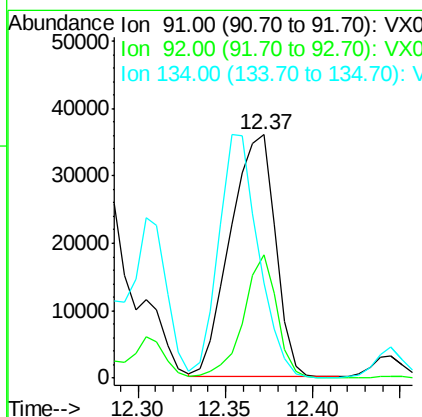
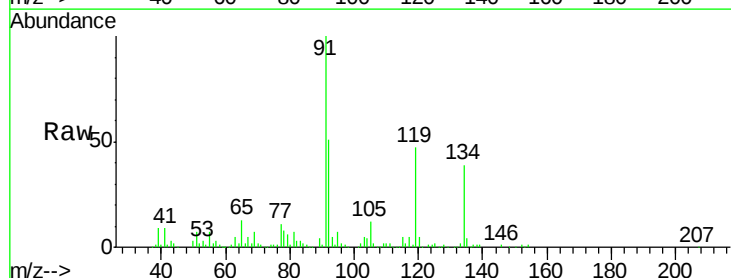
Instrument :
 MSVOA_X
 ClientSampled :
 32733DL

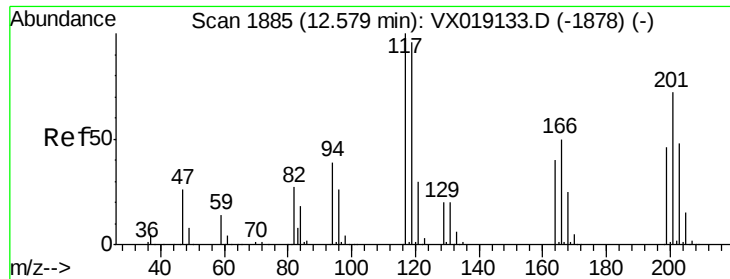
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.9	38.7
91	26.5	12.0	36.0



#89
 n-Butylbenzene
 Concen: 4.244 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019334.D
 Acq: 06 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
91	100		
92	37.9	27.5	82.4
134	89.2	13.2	39.6





#90

Hexachloroethane

Concen: 3.787 ug/l

RT: 12.57 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VX019334.D

Acq: 06 Nov 2020 12:21

Instrument :

MSVOA_X

ClientSampleId :

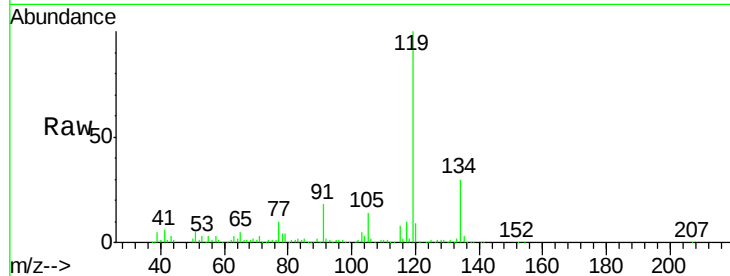
32733DL

Tot Ion:117 Resp: 10370

Ion Ratio Lower Upper

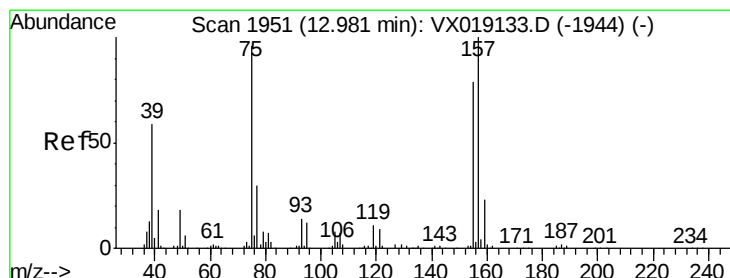
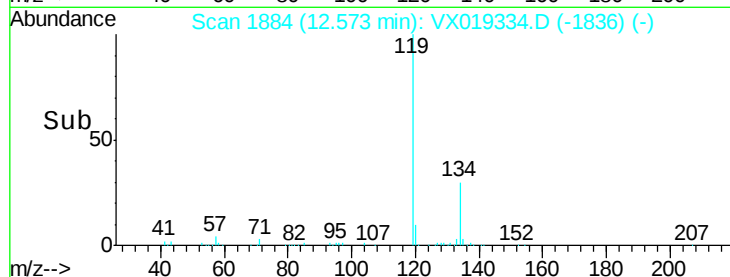
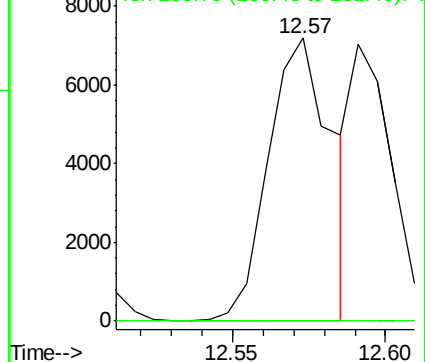
117 100

201 0.0 38.5 115.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.341 ug/l

RT: 12.96 min Scan# 1947

Delta R.T. -0.02 min

Lab File: VX019334.D

Acq: 06 Nov 2020 12:21

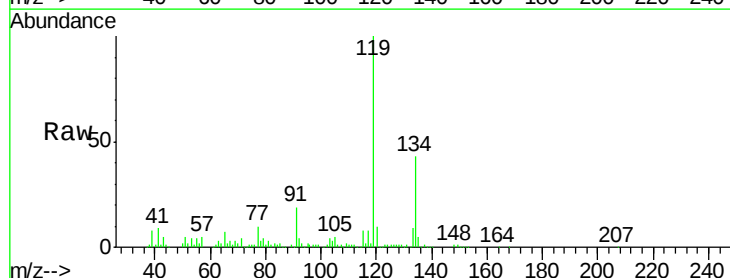
Tgt Ion: 75 Resp: 470

Ion Ratio Lower Upper

75 100

155 0.0 42.8 128.4#

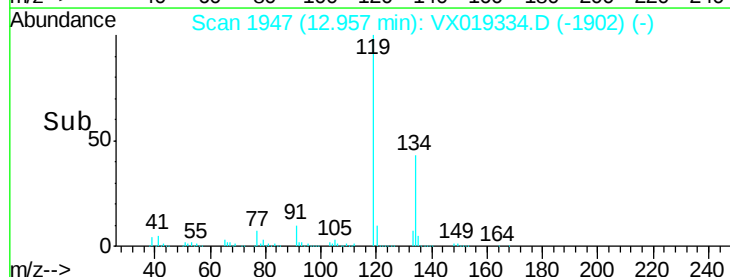
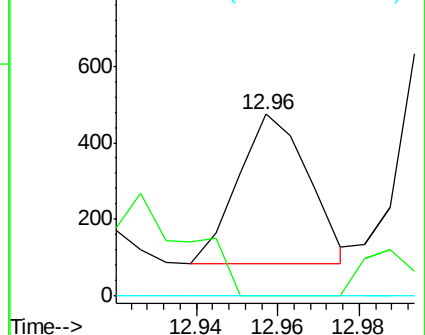
157 0.0 54.8 164.4#

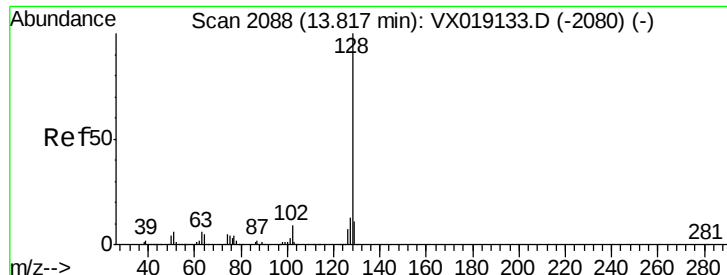


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 13.699 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019334.D

Acq: 06 Nov 2020 12:21

Instrument :

MSVOA_X

ClientSampleId :

32733DL

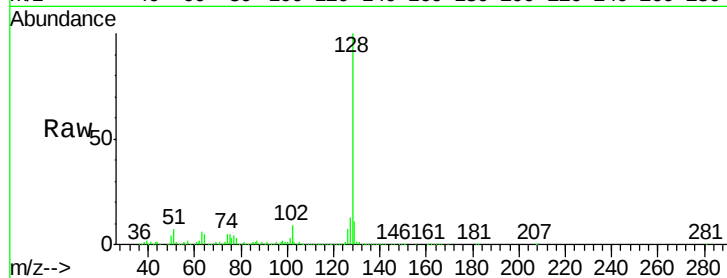
Tot Ion:128 Resp: 258747

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.3 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

