

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060120\
 Data File : VX016527.D
 Acq On : 01 Jun 2020 14:36
 Operator : JC/SP
 Sample : L2804-03DL 100X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 32388DL

Quant Time: Jun 02 01:47:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	283201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	461470	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	449465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	243095	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	165368	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
35) Dibromofluoromethane	5.47	113	134805	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
50) Toluene-d8	8.70	98	572163	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
62) 4-Bromofluorobenzene	11.12	95	231525	54.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.36%	

Target Compounds

						Qvalue
10) Methyl Iodide	2.50	142	50	3.071	ug/l #	52
11) Tert butyl alcohol	3.01	59	920	1.020	ug/l #	72
13) Acrolein	2.29	56	241	0.628	ug/l #	13
16) Acetone	2.42	43	12088	7.845	ug/l	93
19) Methyl tert-butyl Ether	3.17	73	5799	0.593	ug/l #	1
20) Methylene Chloride	2.84	84	690	0.216	ug/l #	89
22) Diisopropyl ether	3.83	45	7418	0.771	ug/l #	78
23) Vinyl Acetate	3.82	43	3751	0.445	ug/l #	71
25) 2-Butanone	4.64	43	4373	1.675	ug/l #	87
29) Tetrahydrofuran	5.11	42	457	0.271	ug/l #	40
31) Cyclohexane	5.56	56	15927	3.258	ug/l	91
36) 1,1-Dichloropropene	5.63	75	20434	4.677	ug/l #	51
38) Carbon Tetrachloride	5.63	117	27296	5.945	ug/l #	16
39) Methylcyclohexane	7.45	83	12010	2.531	ug/l	96
40) Benzene	6.12	78	718518	55.222	ug/l	100
42) 1,2-Dichloroethane	6.12	62	6185	1.337	ug/l #	73
48) Methyl methacrylate	7.71	41	916	0.234	ug/l #	62
49) 1,4-Dioxane	7.46	88	20	0.218	ug/l #	23
51) 4-Methyl-2-Pentanone	8.70	43	2220	0.436	ug/l #	1
52) Toluene	8.77	92	2418252	294.732	ug/l	98
53) t-1,3-Dichloropropene	8.77	75	27799	5.307	ug/l #	1
55) 1,1,2-Trichloroethane	9.15	97	696	0.213	ug/l #	14
67) Ethyl Benzene	10.24	91	588273	36.058	ug/l	100
68) m/p-Xylenes	10.34	106	668257	110.474	ug/l	100
69) o-Xylene	10.68	106	340735	58.164	ug/l	98
70) Styrene	10.68	104	18394	1.827	ug/l #	1
73) Isopropylbenzene	11.00	105	25686	1.525	ug/l	98
76) 1,2,3-Trichloropropane	11.41	75	3439	0.644	ug/l #	1
78) n-propylbenzene	11.34	91	62060	3.298	ug/l	100
79) 2-Chlorotoluene	11.42	91	40864	3.558	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.49	105	95072	6.760	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.12	75	112959	52.001	ug/l #	14
82) 4-Chlorotoluene	11.49	91	10965	0.808	ug/l #	46
83) tert-Butylbenzene	11.79	119	48654	4.049	ug/l #	67

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QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

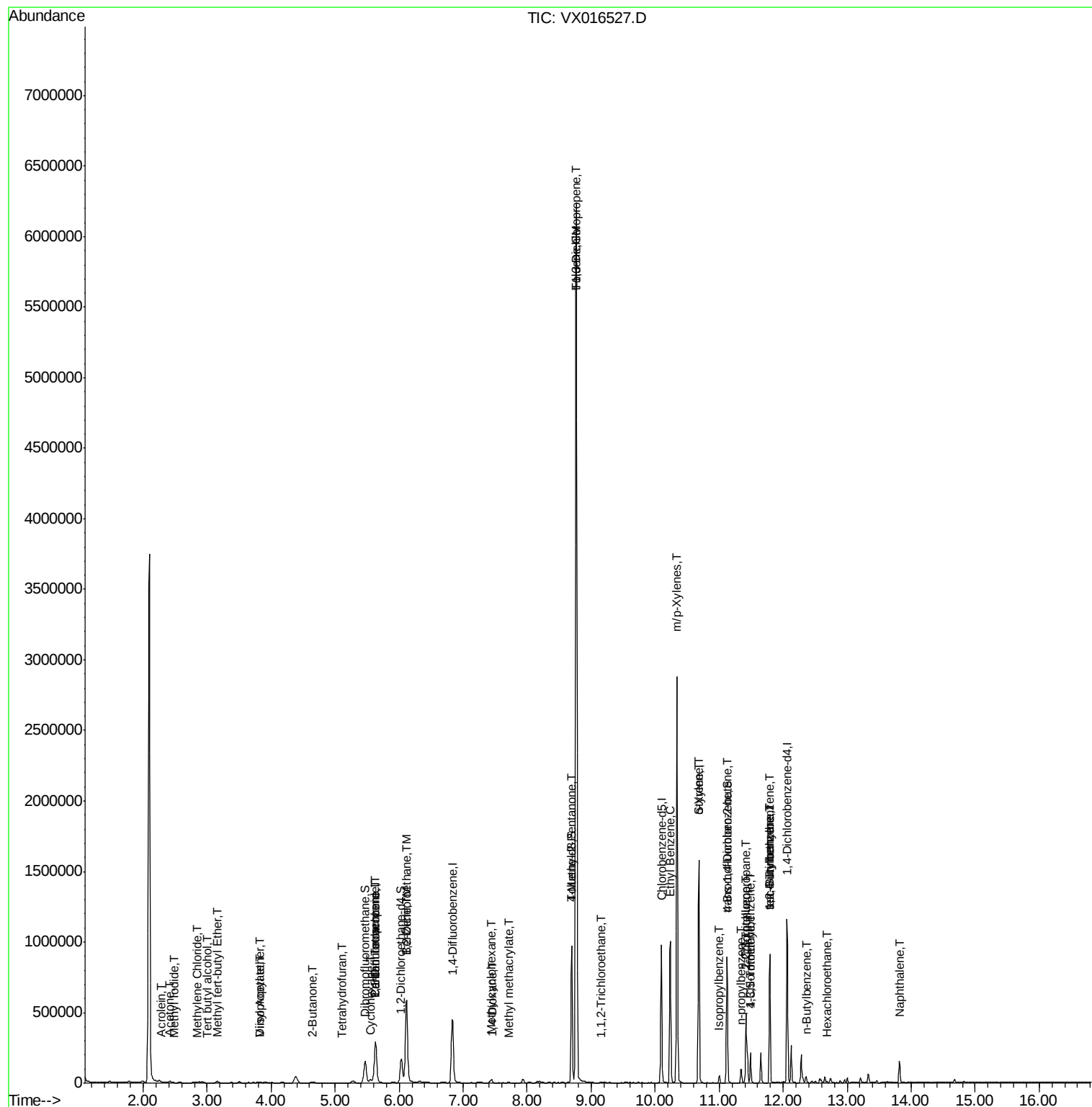
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.79	105	401583	28.234	ug/l	99
85) sec-Butylbenzene	11.79	105	401583	26.639	ug/l #	56
89) n-Butylbenzene	12.37	91	6563	0.558	ug/l #	23
90) Hexachloroethane	12.68	117	3542	1.452	ug/l #	6
95) Naphthalene	13.82	128	91032	5.392	ug/l	99

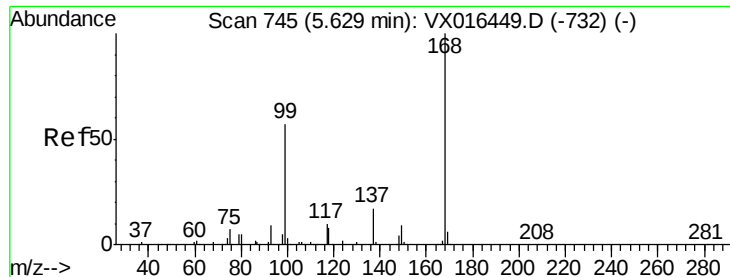
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016527.D

Acq: 01 Jun 2020 14:36

Instrument :

MSVOA_X

ClientSampleId :

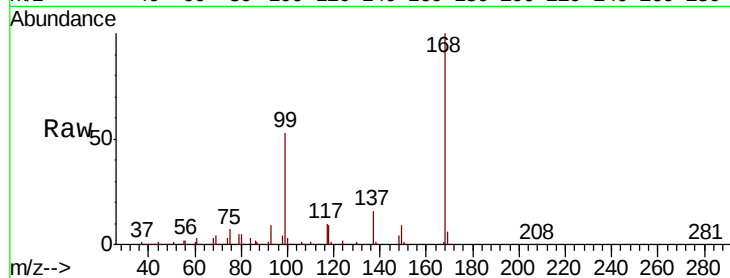
32388DL

Tot Ion:168 Resp: 283201

Ion Ratio Lower Upper

168 100

99 53.3 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

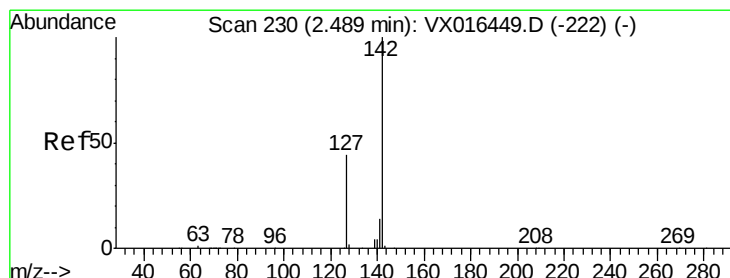
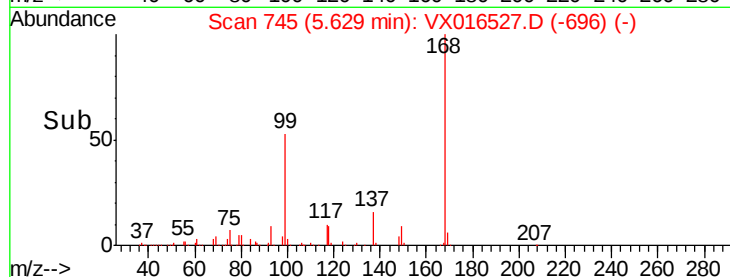
5.50

5.60

5.70

5.80

Time-->



#10

Methyl Iodide

Concen: 3.071 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX016527.D

Acq: 01 Jun 2020 14:36

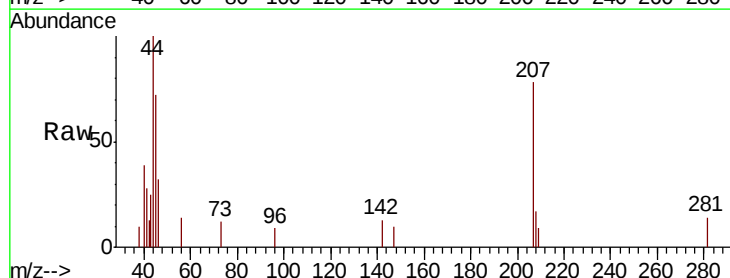
Tgt Ion:142 Resp: 50

Ion Ratio Lower Upper

142 100

127 78.0 35.3 52.9#

141 0.0 11.4 17.2#



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

100

80

60

40

20

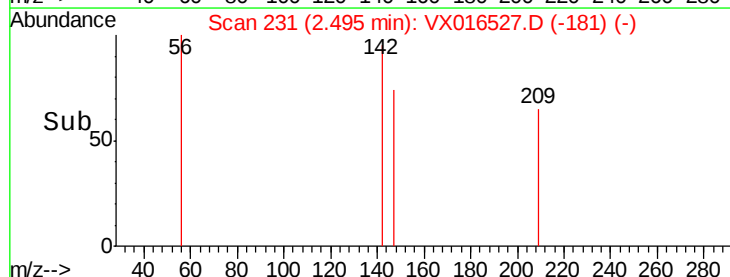
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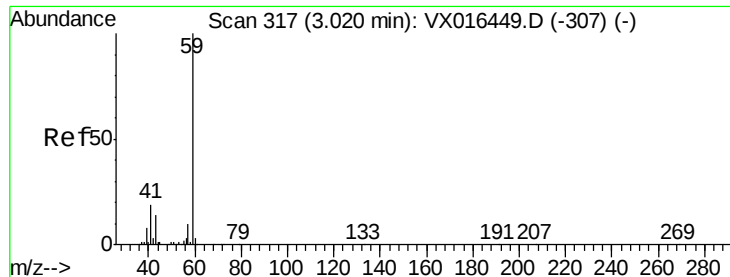
2.48

2.50

2.52

Time-->

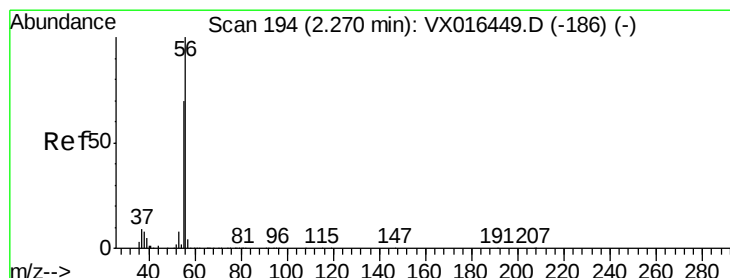
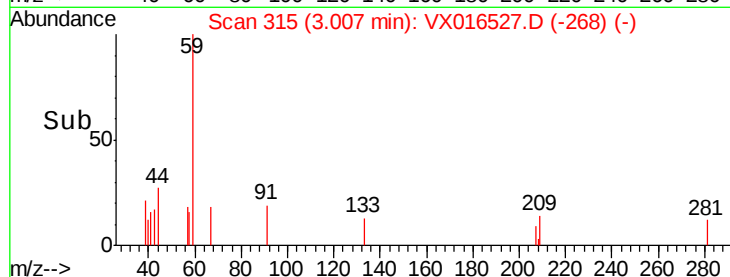
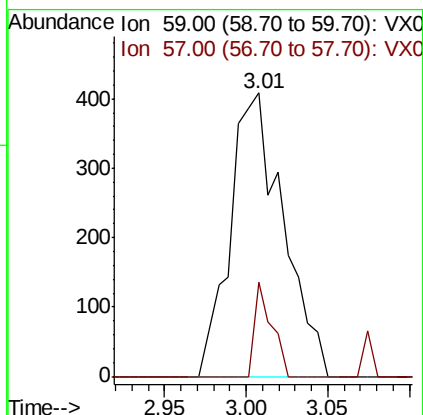
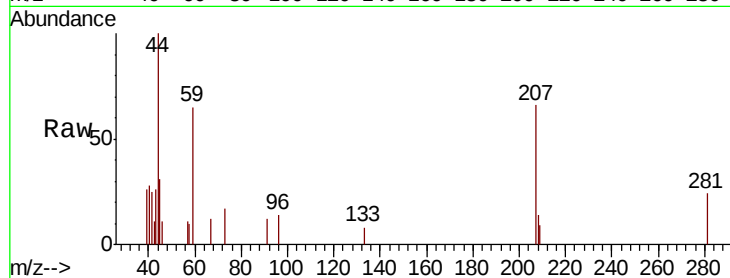




#11
Tert butyl alcohol
Concen: 1.020 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016527.D
Acq: 01 Jun 2020 14:36

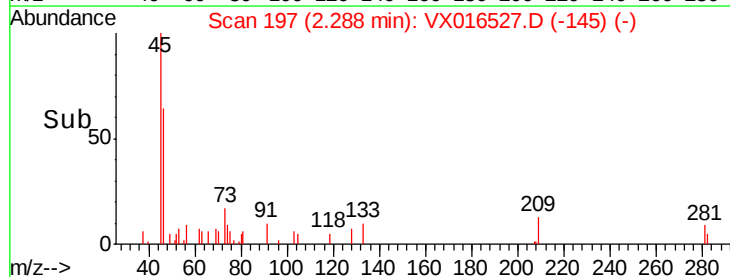
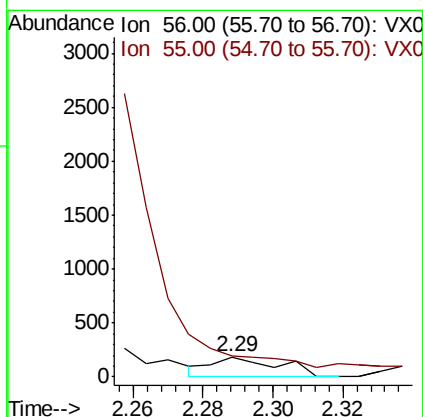
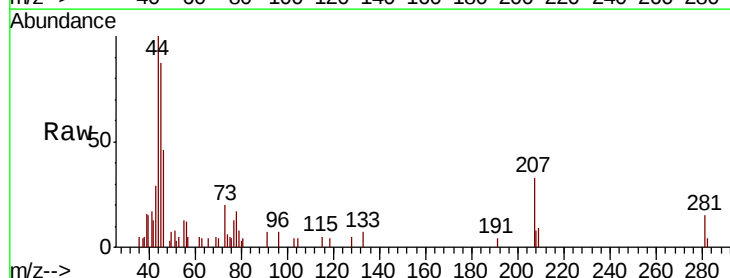
Instrument :
MSVOA_X
ClientSampleId :
32388DL

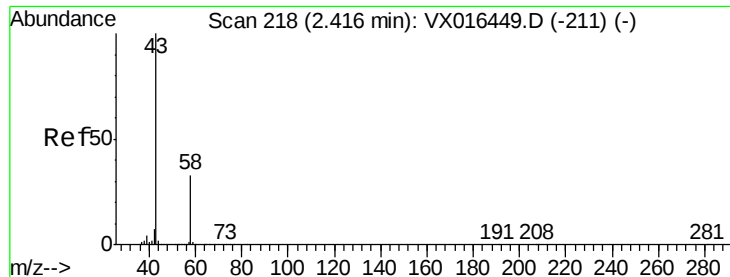
Tot Ion: 59 Resp: 920
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 0.628 ug/l
RT: 2.29 min Scan# 197
Delta R.T. 0.02 min
Lab File: VX016527.D
Acq: 01 Jun 2020 14:36

Tgt Ion: 56 Resp: 241
Ion Ratio Lower Upper
56 100
55 0.0 58.3 87.5#





#16

Acetone

Concen: 7.845 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016527.D

Acq: 01 Jun 2020 14:36

Instrument :

MSVOA_X

ClientSampleId :

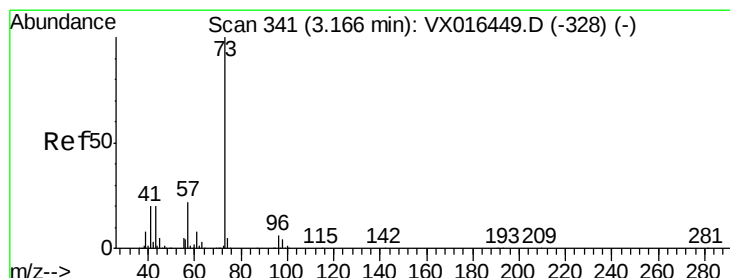
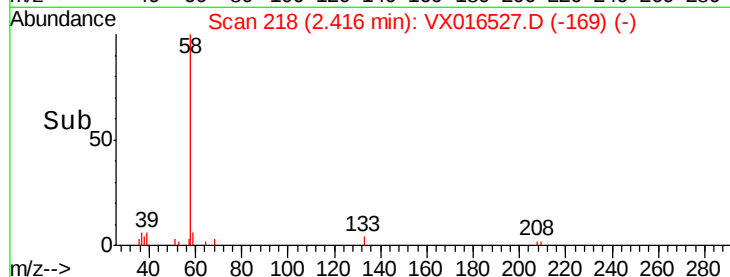
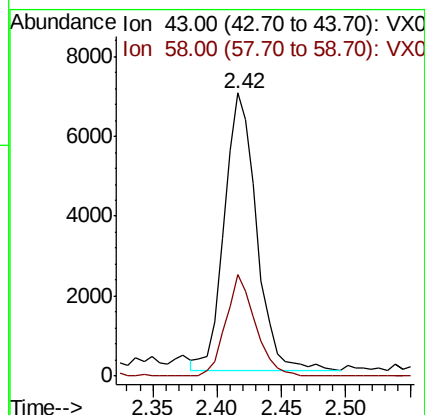
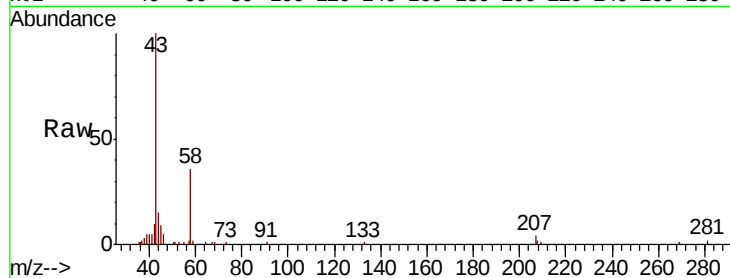
32388DL

Tot Ion: 43 Resp: 12088

Ion Ratio Lower Upper

43 100

58 36.7 26.1 39.1



#19

Methyl tert-butyl Ether

Concen: 0.593 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX016527.D

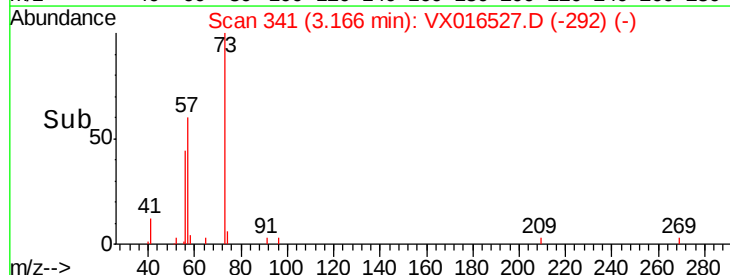
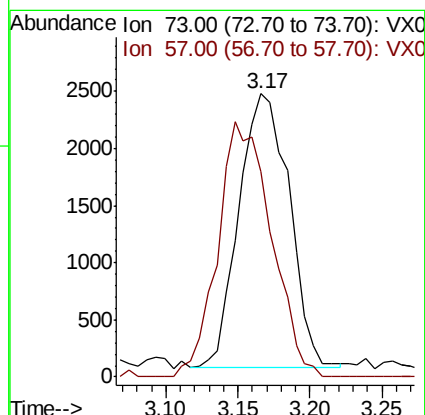
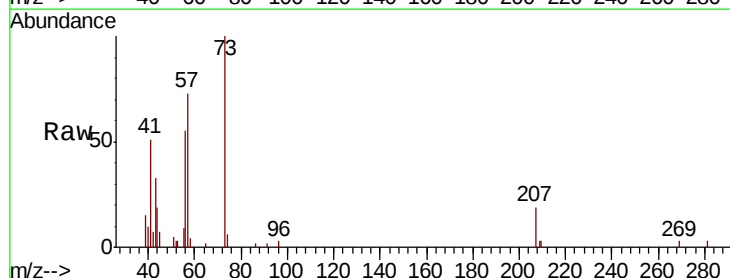
Acq: 01 Jun 2020 14:36

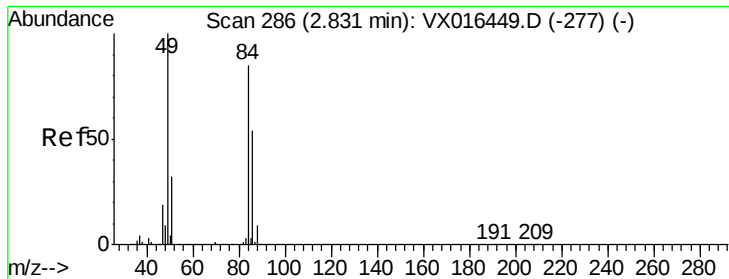
Tgt Ion: 73 Resp: 5799

Ion Ratio Lower Upper

73 100

57 75.2 17.8 26.6#





#20

Methylene Chloride

Concen: 0.216 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.01 min

Lab File: VX016527.D

Acq: 01 Jun 2020 14:36

Instrument :

MSVOA_X

ClientSampleId :

32388DL

Tot Ion: 84 Resp: 690

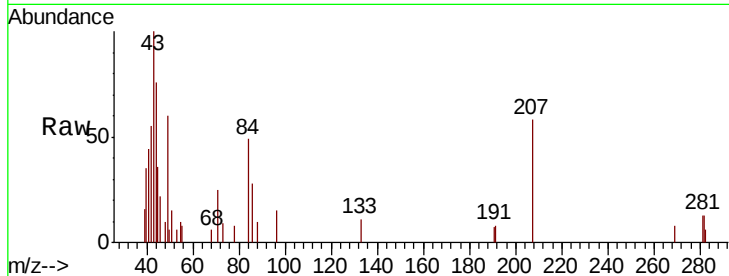
Ion Ratio Lower Upper

84 100

49 121.3 94.5 141.7

51 14.8 30.2 45.4#

86 57.4 51.1 76.7

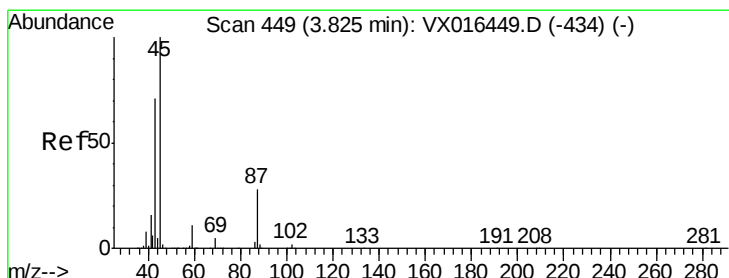
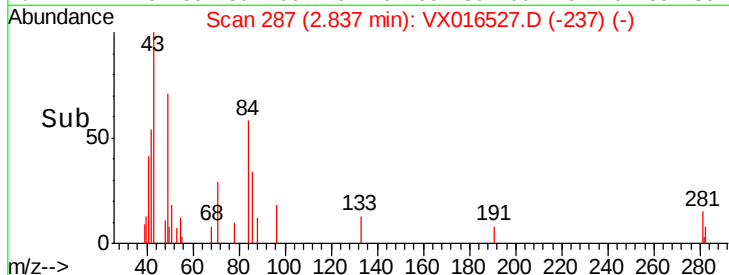
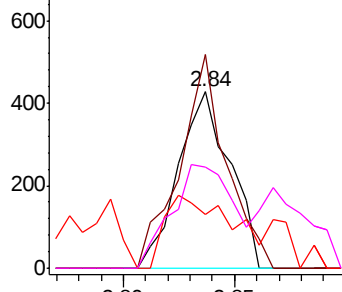


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#22

Diisopropyl ether

Concen: 0.771 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX016527.D

Acq: 01 Jun 2020 14:36

Tgt Ion: 45 Resp: 7418

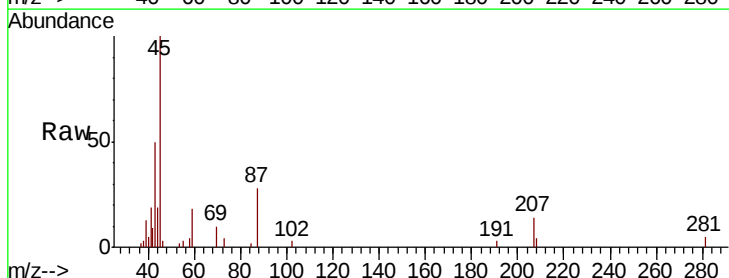
Ion Ratio Lower Upper

45 100

43 45.8 57.0 85.6#

87 28.0 22.5 33.7

59 17.9 9.1 13.7#

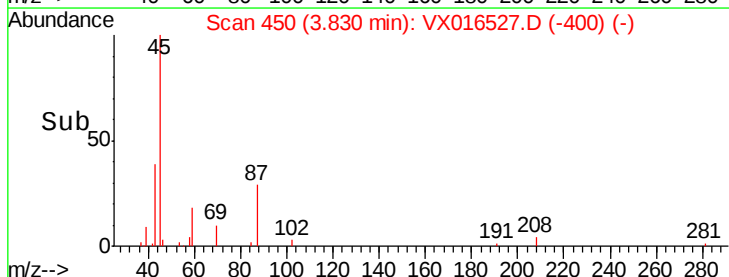
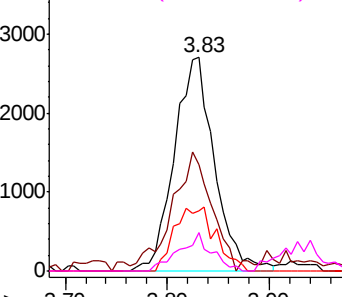


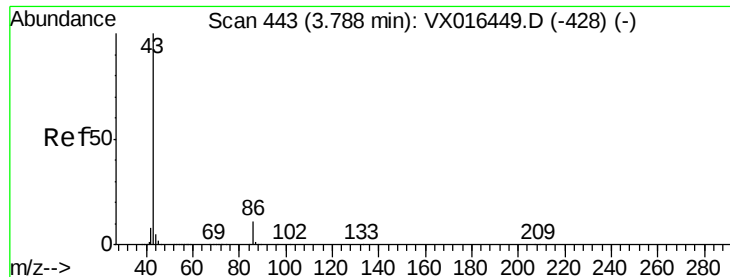
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

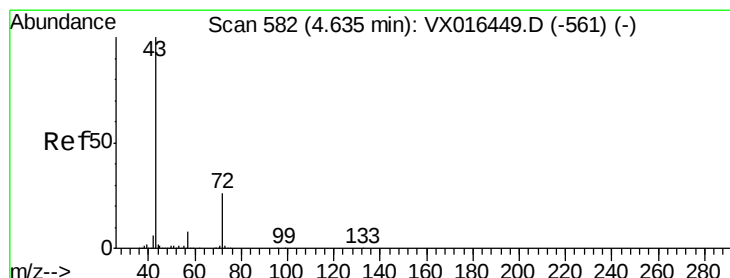
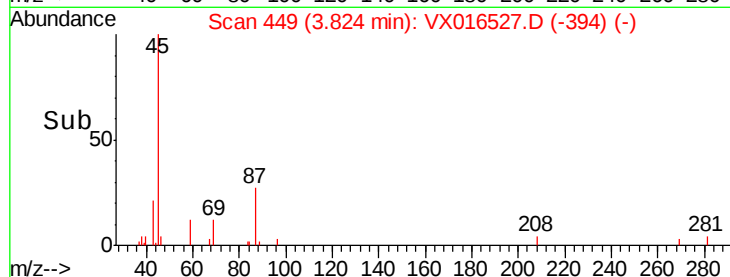
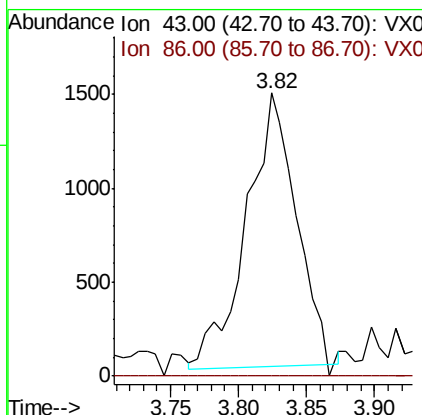
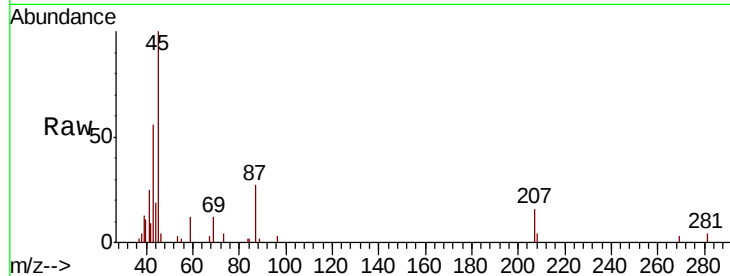




#23
 Vinyl Acetate
 Concen: 0.445 ug/l
 RT: 3.82 min Scan# 449
 Delta R.T. 0.04 min
 Lab File: VX016527.D
 Acq: 01 Jun 2020 14:36

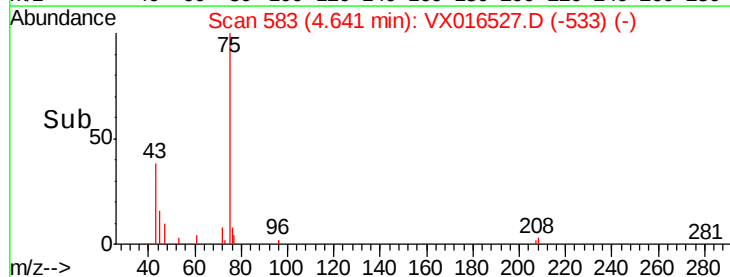
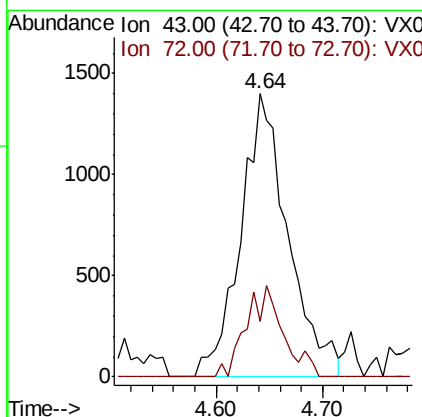
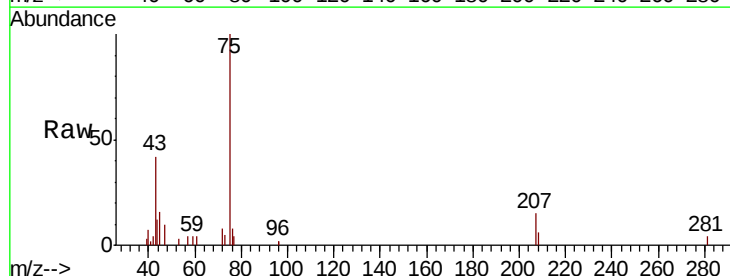
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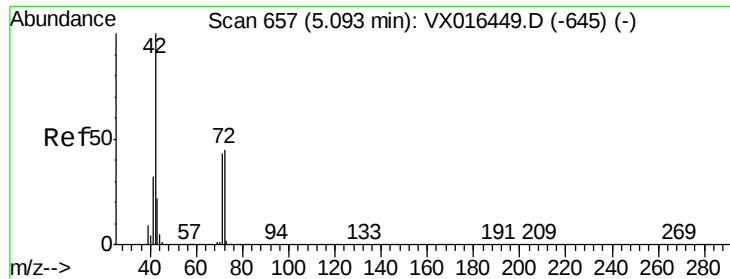
Tot Ion: 43 Resp: 3751
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.6 13.0#



#25
 2-Butanone
 Concen: 1.675 ug/l
 RT: 4.64 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: VX016527.D
 Acq: 01 Jun 2020 14:36

Tgt Ion: 43 Resp: 4373
 Ion Ratio Lower Upper
 43 100
 72 19.4 21.0 31.6#

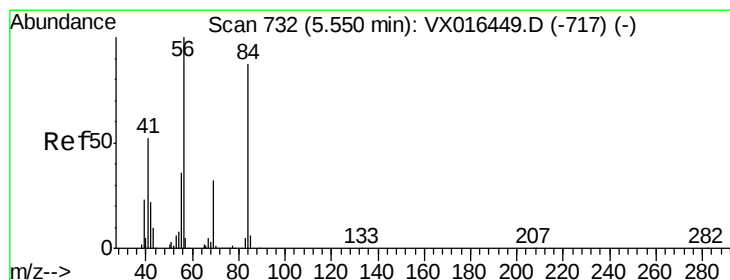
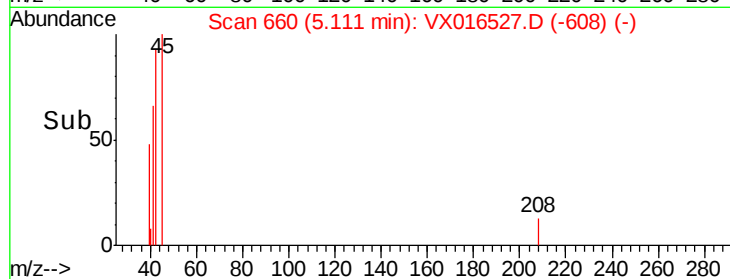
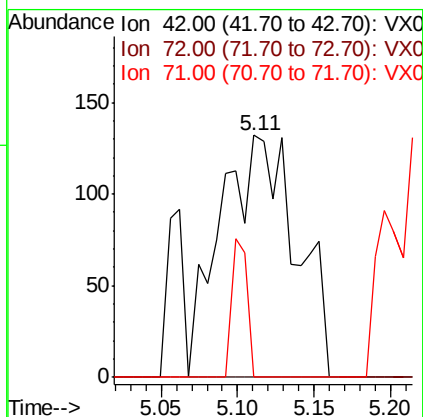
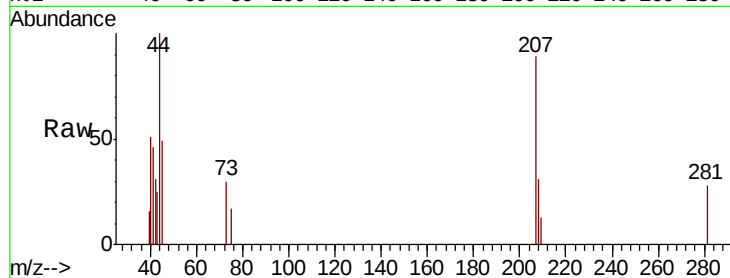




#29
Tetrahydrofuran
Concen: 0.271 ug/l
RT: 5.11 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX016527.D
Acq: 01 Jun 2020 14:36

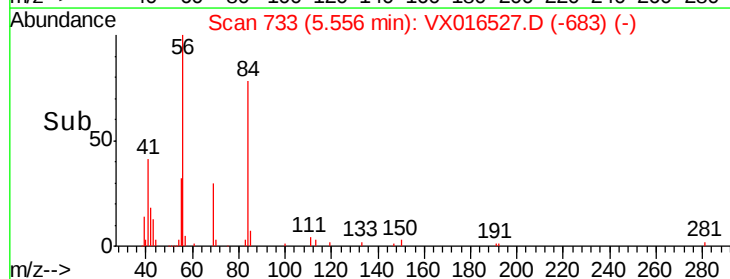
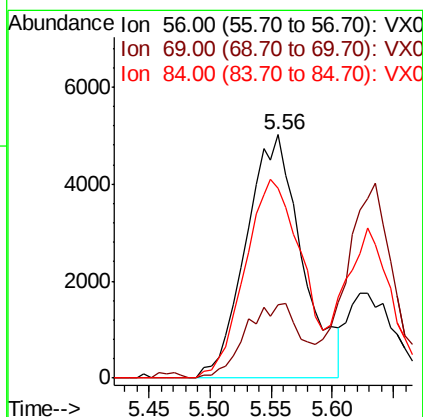
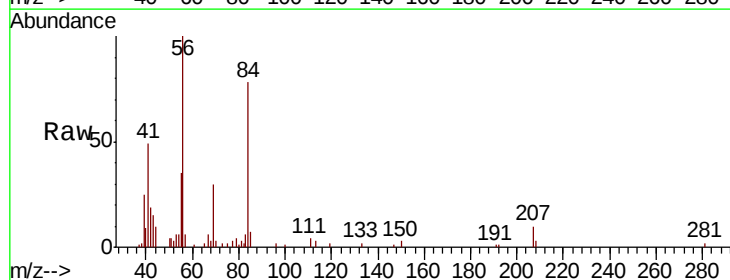
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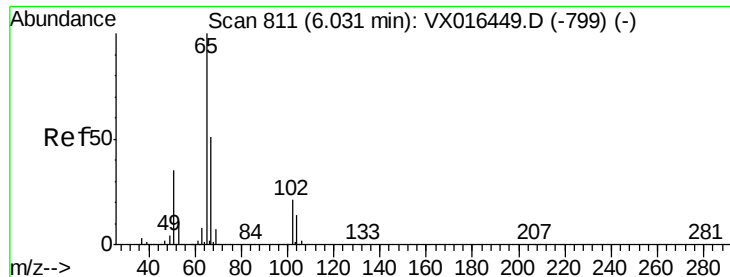
Tot Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.0	55.4#
71	11.6	34.1	51.1#



#31
Cyclohexane
Concen: 3.258 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX016527.D
Acq: 01 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.1	25.7	38.5
84	77.9	70.0	105.0

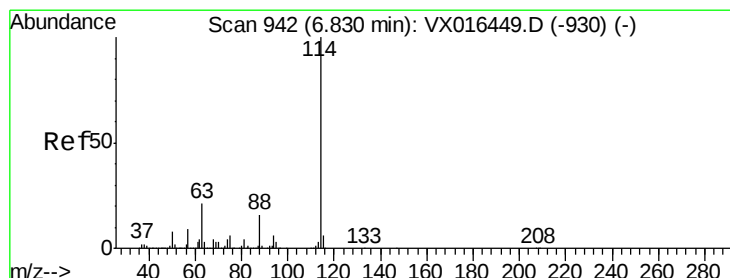
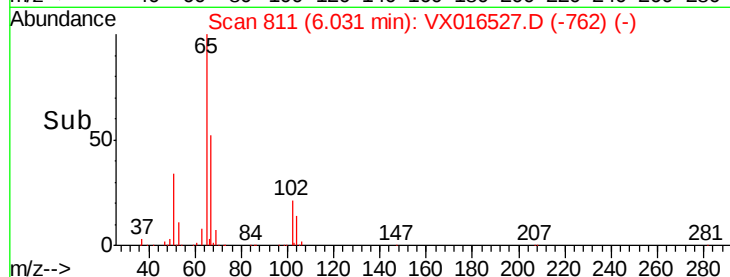
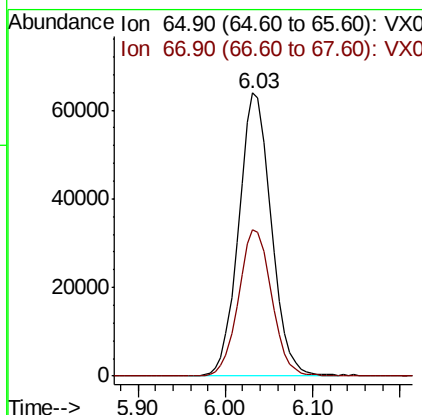
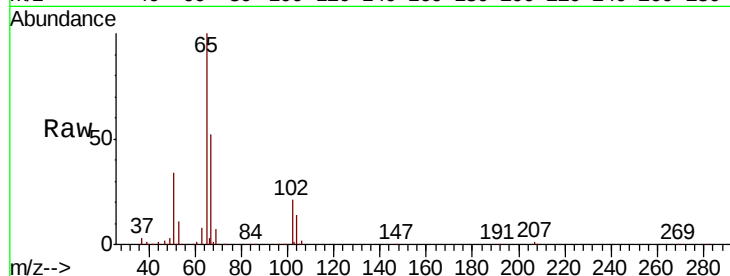




#33
 1,2-Dichloroethane-d4
 Concen: 47.020 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016527.D
 Acq: 01 Jun 2020 14:36

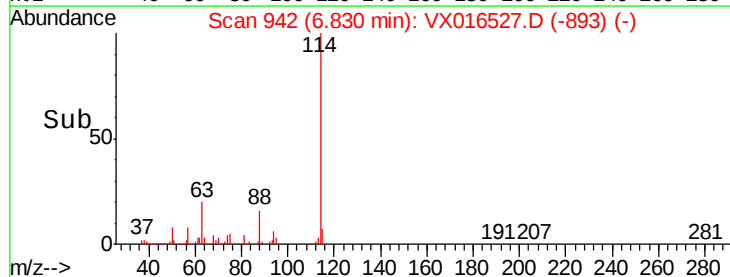
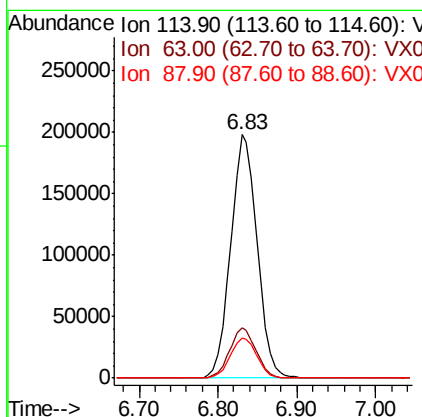
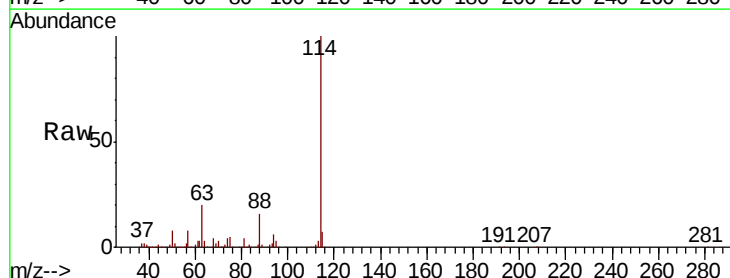
Instrument :
 MSVOA_X
 ClientSampleID :
 32388DL

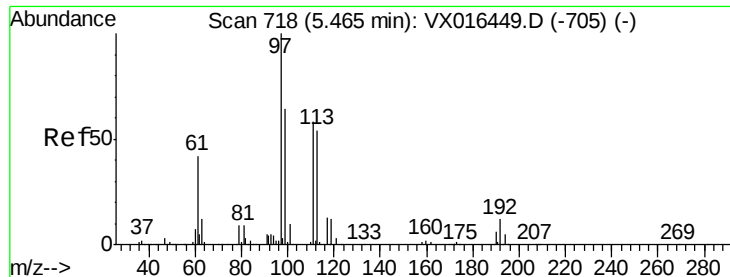
Tot Ion: 65 Resp: 165368
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016527.D
 Acq: 01 Jun 2020 14:36

Tgt Ion: 114 Resp: 461470
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.6
 88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.442 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016527.D

Acq: 01 Jun 2020 14:36

Instrument :

MSVOA_X

ClientSampleId :

32388DL

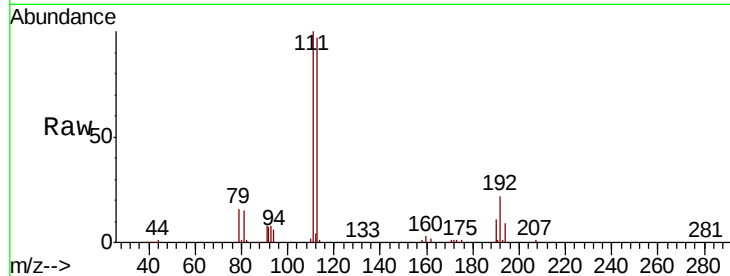
Tot Ion:113 Resp: 134805

Ion Ratio Lower Upper

113 100

111 101.8 83.0 124.6

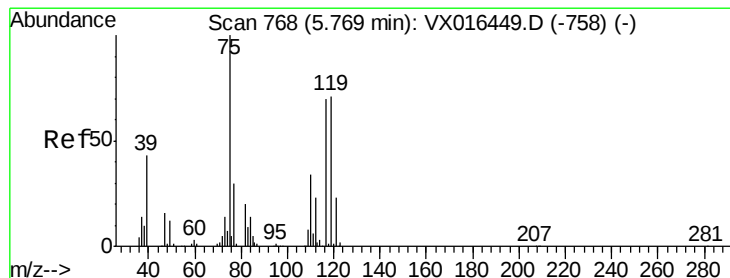
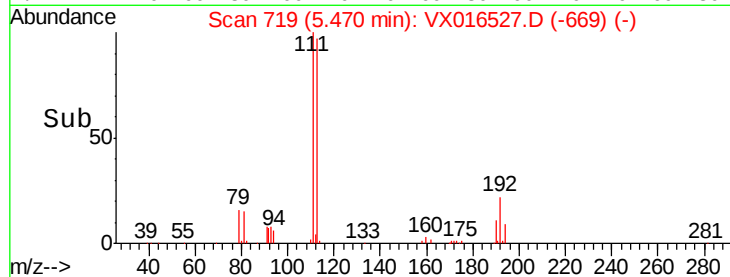
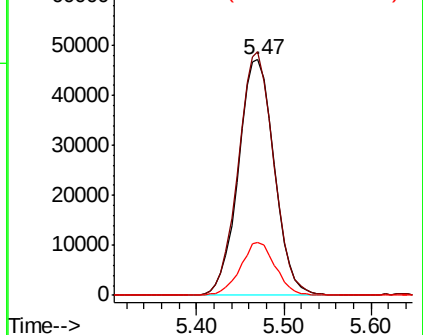
192 21.9 17.7 26.5



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: 4.677 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX016527.D

Acq: 01 Jun 2020 14:36

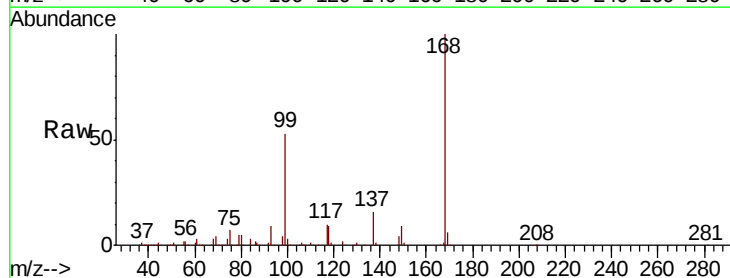
Tgt Ion: 75 Resp: 20434

Ion Ratio Lower Upper

75 100

110 10.2 17.4 52.3#

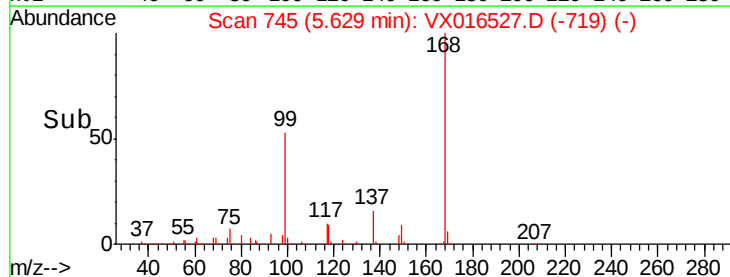
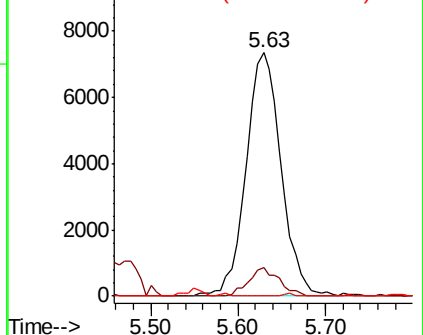
77 0.0 24.2 36.4#

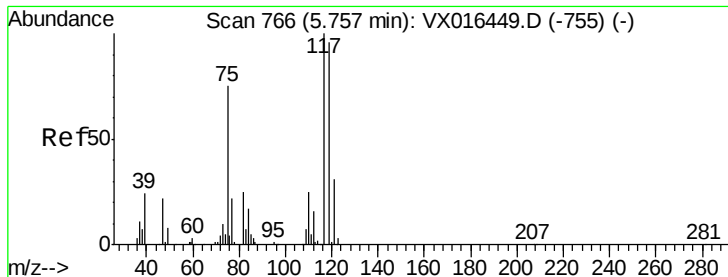


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

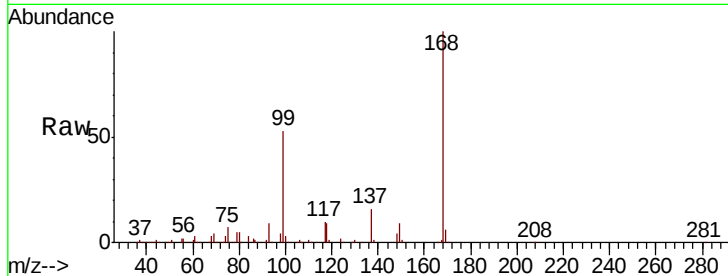




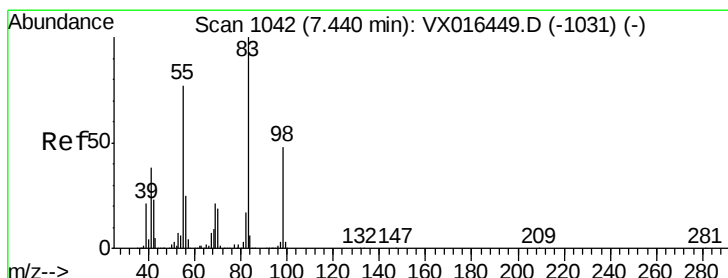
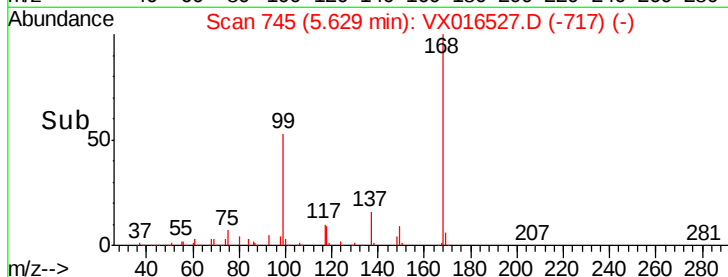
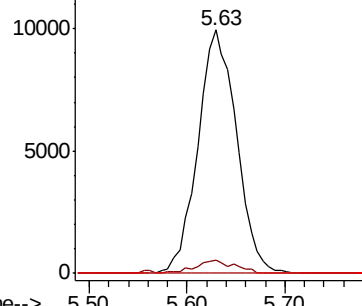
#38
Carbon Tetrachloride
Concen: 5.945 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX016527.D
Acq: 01 Jun 2020 14:36

Instrument :
MSVOA_X
ClientSampled :
32388DL

Tot Ion:117 Resp: 27296
Ion Ratio Lower Upper
117 100
119 5.5 76.3 114.5#
121 0.0 24.6 37.0#

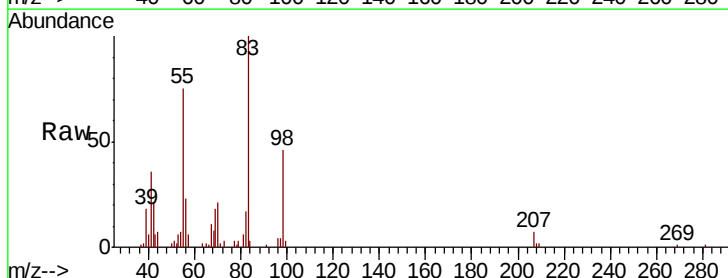


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

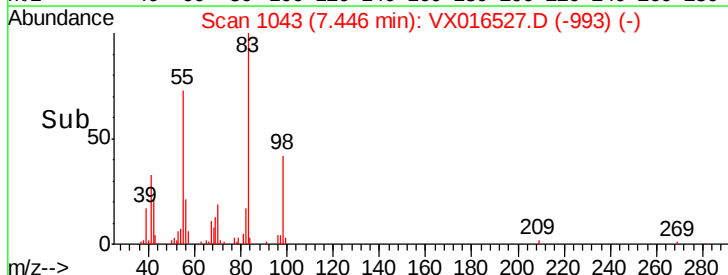
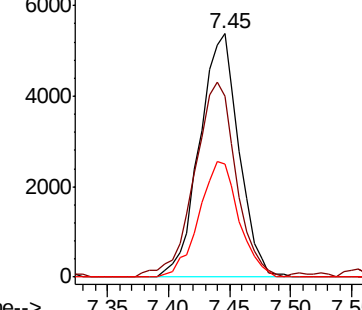


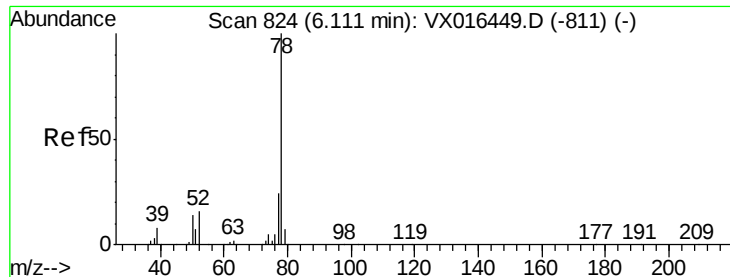
#39
Methylcyclohexane
Concen: 2.531 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX016527.D
Acq: 01 Jun 2020 14:36

Tgt Ion: 83 Resp: 12010
Ion Ratio Lower Upper
83 100
55 72.6 61.7 92.5
98 46.4 38.7 58.1



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 55.222 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX016527.D

Acq: 01 Jun 2020 14:36

Instrument :

MSVOA_X

ClientSampleId :

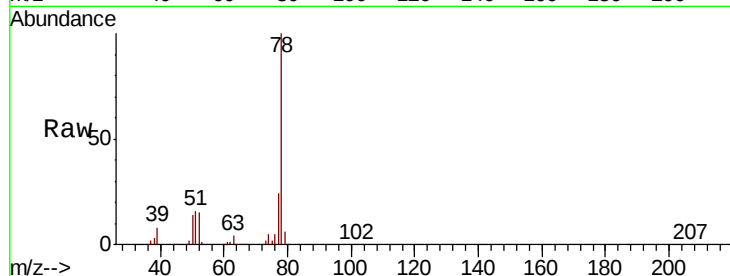
32388DL

Tot Ion: 78 Resp: 718518

Ion Ratio Lower Upper

78 100

77 23.8 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.12

300000

250000

200000

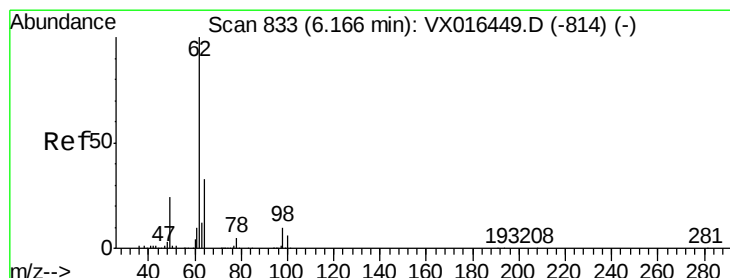
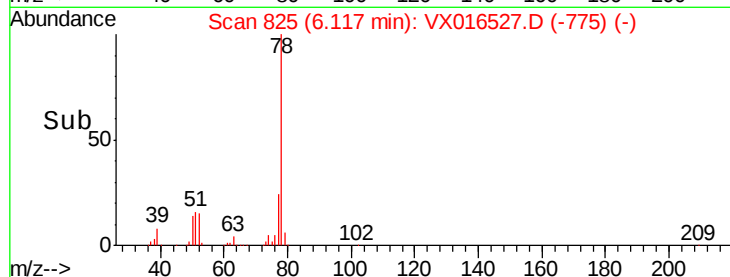
150000

100000

50000

0

Time-->



#42

1,2-Dichloroethane

Concen: 1.337 ug/l

RT: 6.12 min Scan# 825

Delta R.T. -0.05 min

Lab File: VX016527.D

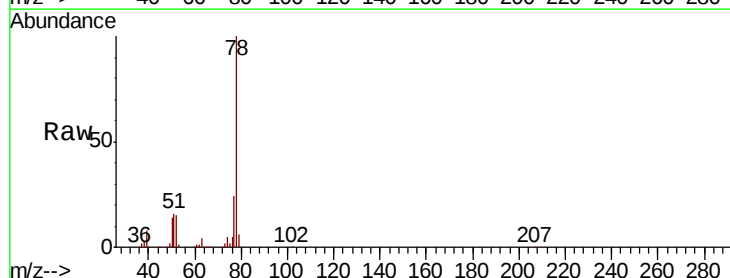
Acq: 01 Jun 2020 14:36

Tgt Ion: 62 Resp: 6185

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

6.12

2500

2000

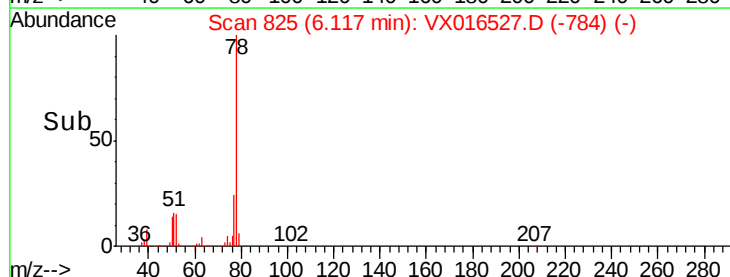
1500

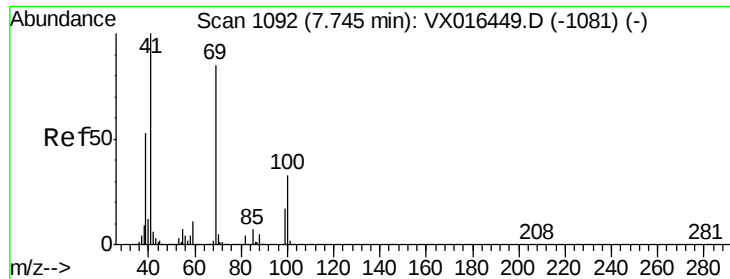
1000

500

0

Time-->

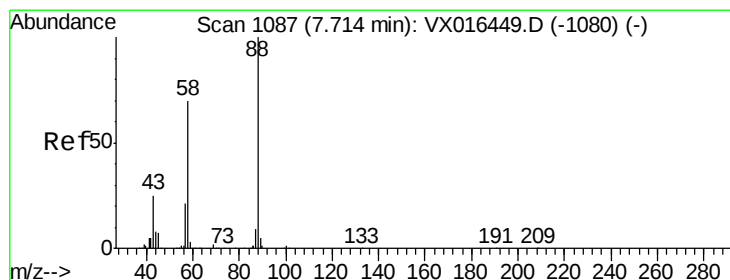
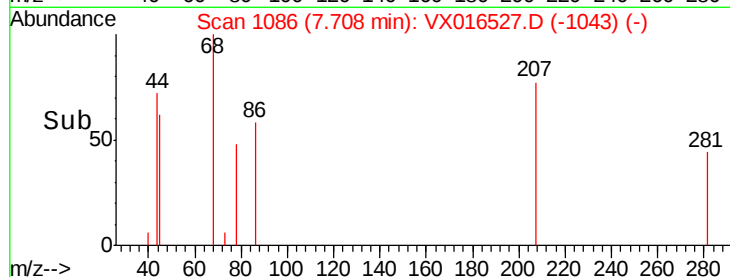
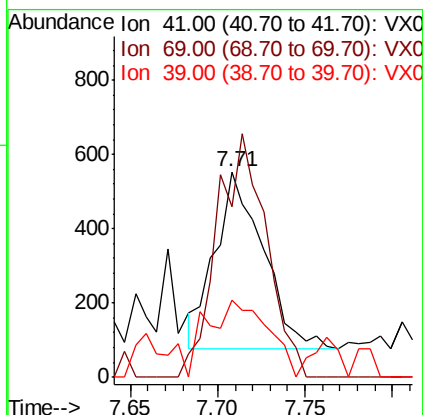
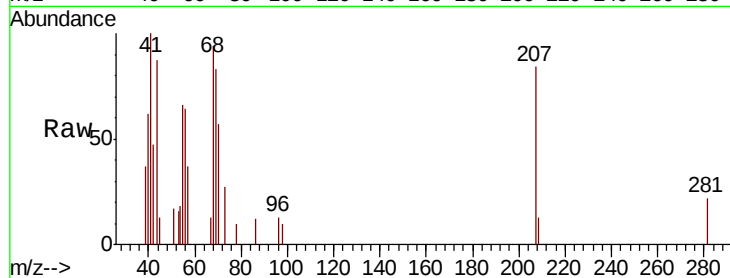




#48
Methvl methacrylate
Concen: 0.234 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.04 min
Lab File: VX016527.D
Acq: 01 Jun 2020 14:36

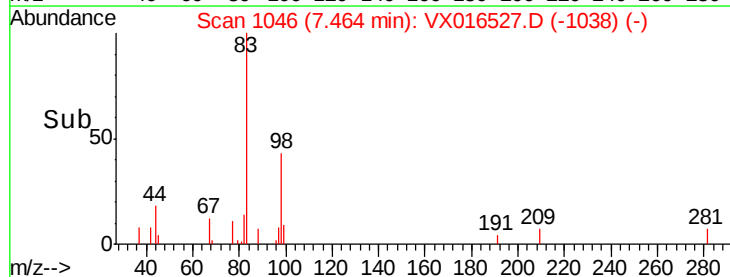
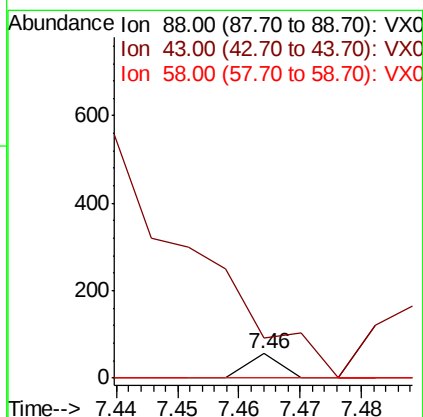
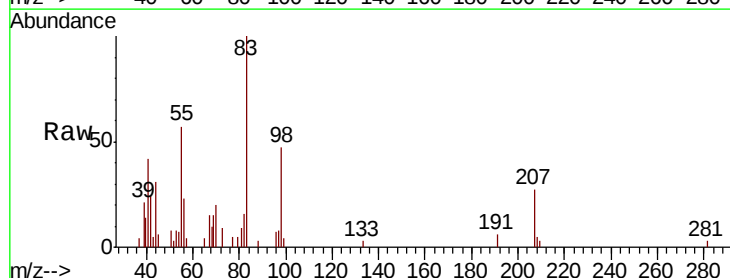
Instrument :
MSVOA_X
ClientSampled :
32388DL

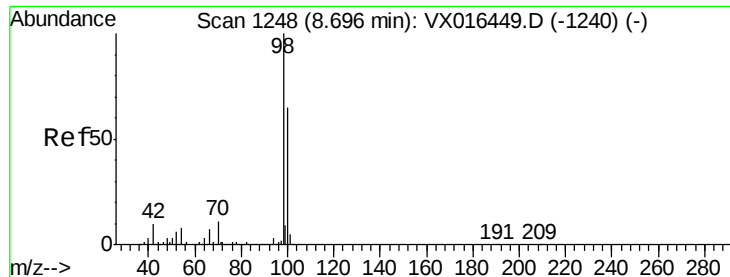
Tot Ion: 41 Resp: 916
Ion Ratio Lower Upper
41 100
69 140.6 68.6 102.8#
39 54.0 42.4 63.6



#49
1,4-Dioxane
Concen: 0.218 ug/l
RT: 7.46 min Scan# 1046
Delta R.T. -0.25 min
Lab File: VX016527.D
Acq: 01 Jun 2020 14:36

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 0.0 24.2 36.4#
58 0.0 56.5 84.7#





#50

Toluene-d8

Concen: 51.734 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016527.D

Acq: 01 Jun 2020 14:36

Instrument :

MSVOA_X

ClientSampleId :

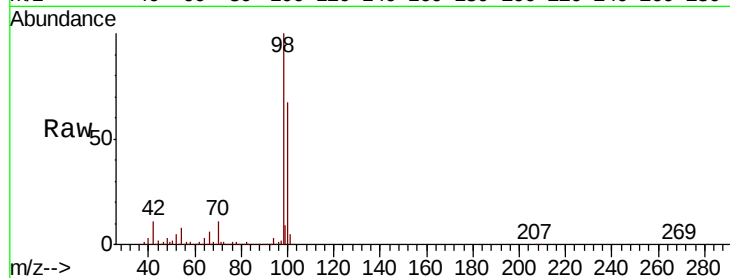
32388DL

Tot Ion: 98 Resp: 572163

Ion Ratio Lower Upper

98 100

100 67.1 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.70

400000

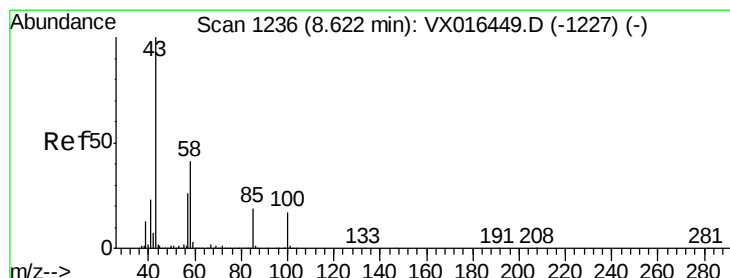
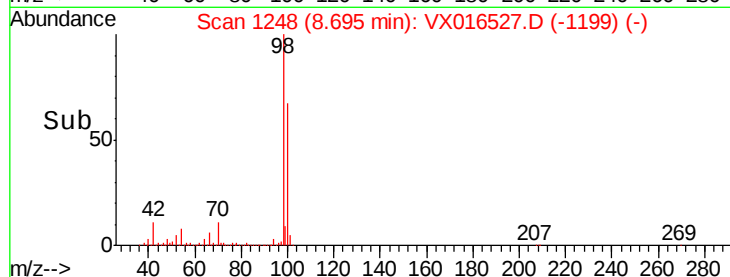
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.436 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.07 min

Lab File: VX016527.D

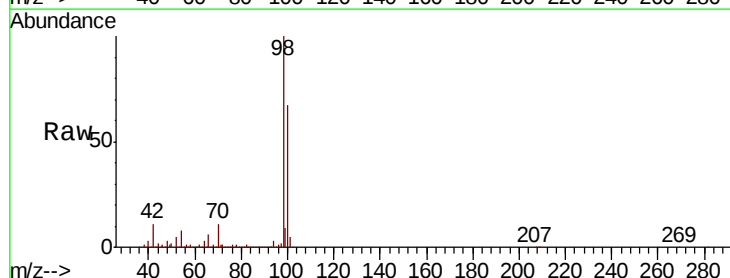
Acq: 01 Jun 2020 14:36

Tgt Ion: 43 Resp: 2220

Ion Ratio Lower Upper

43 100

58 215.2 33.0 49.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

10000

8000

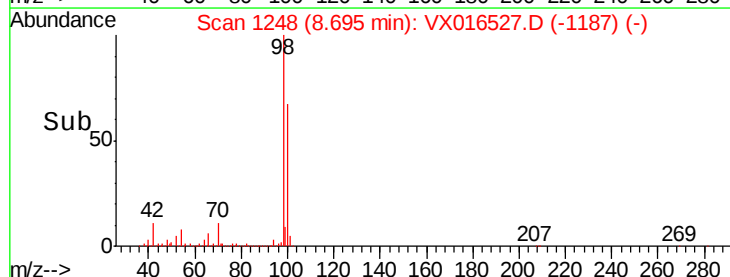
6000

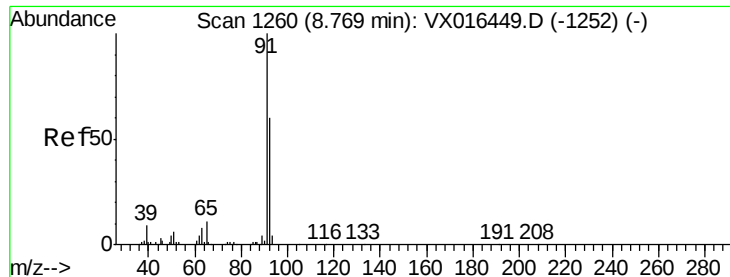
4000

2000

0

Time-->





#52

Toluene

Concen: 294.732 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016527.D

Acq: 01 Jun 2020 14:36

Instrument :

MSVOA_X

ClientSampleId :

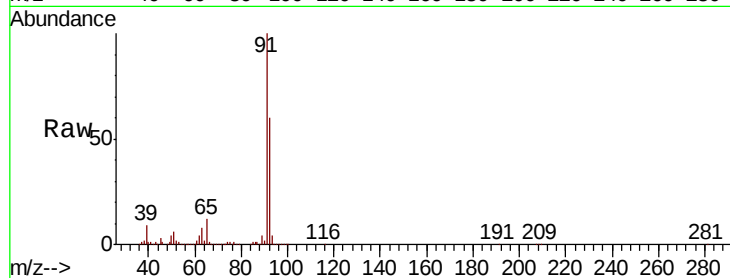
32388DL

Tot Ion: 92 Resp: 2418252

Ion Ratio Lower Upper

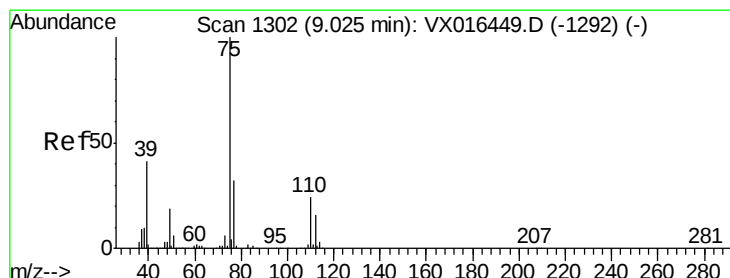
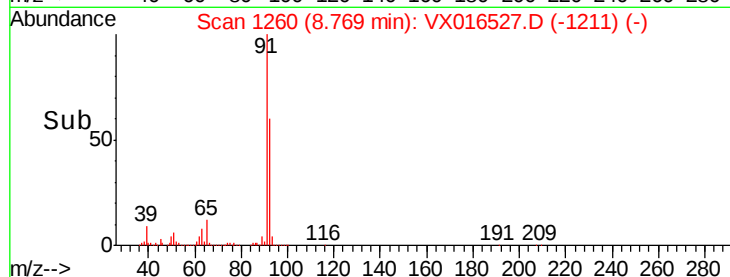
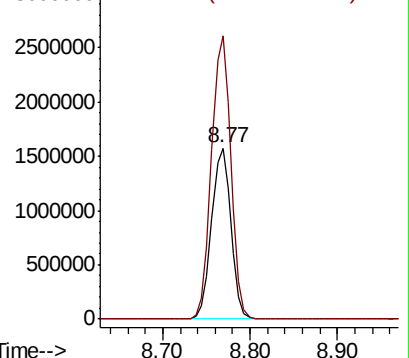
92 100

91 166.1 135.0 202.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 5.307 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.26 min

Lab File: VX016527.D

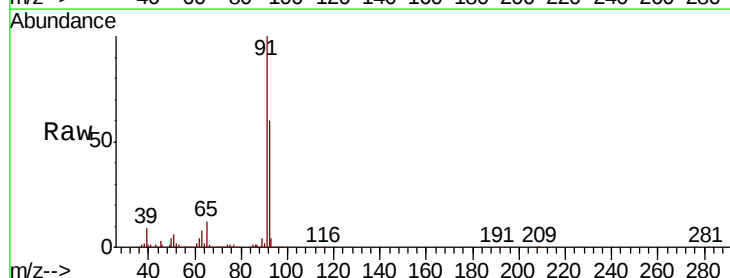
Acq: 01 Jun 2020 14:36

Tgt Ion: 75 Resp: 27799

Ion Ratio Lower Upper

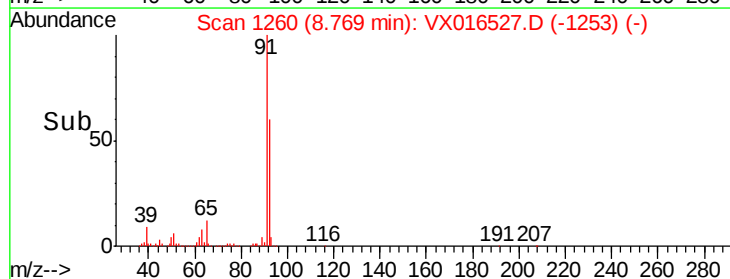
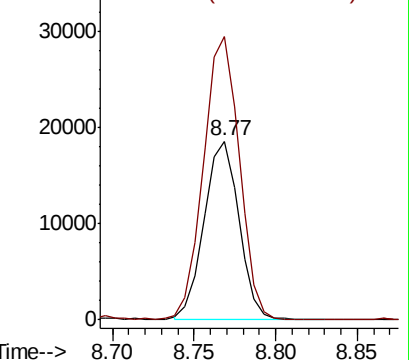
75 100

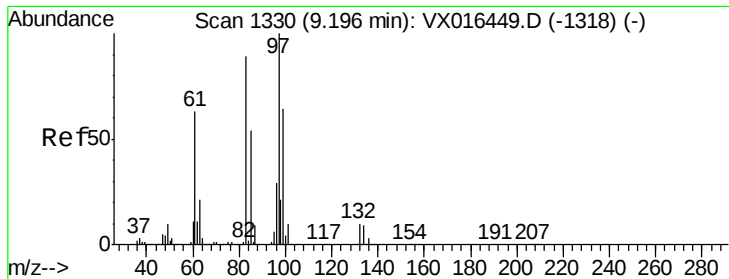
77 157.8 25.5 38.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

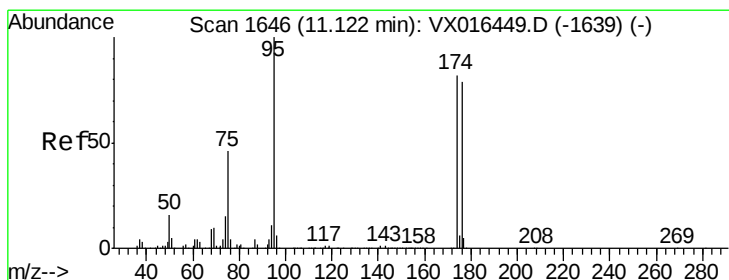
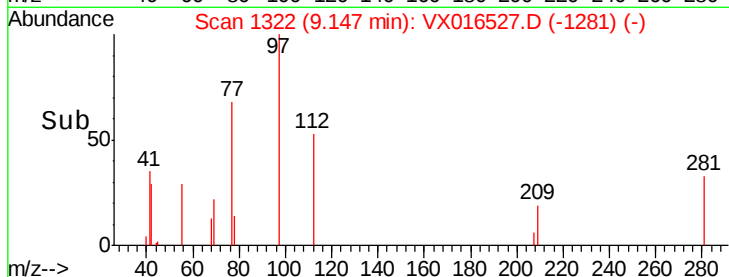
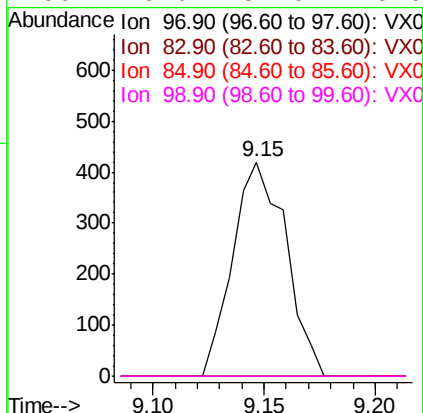
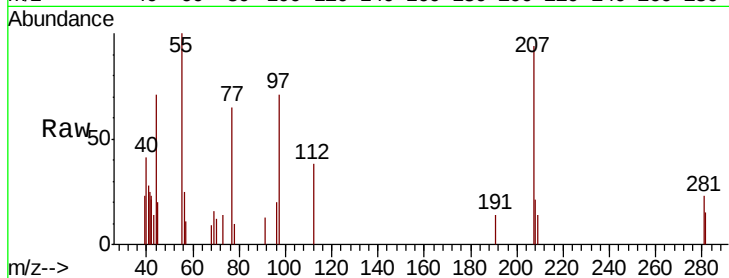




#55
 1,1,2-Trichloroethane
 Concen: 0.213 ug/l
 RT: 9.15 min Scan# 1322
 Delta R.T. -0.05 min
 Lab File: VX016527.D
 Acq: 01 Jun 2020 14:36

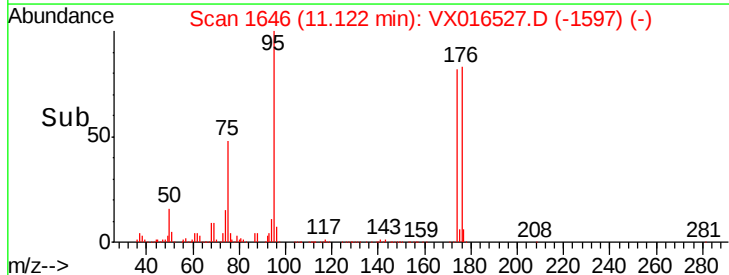
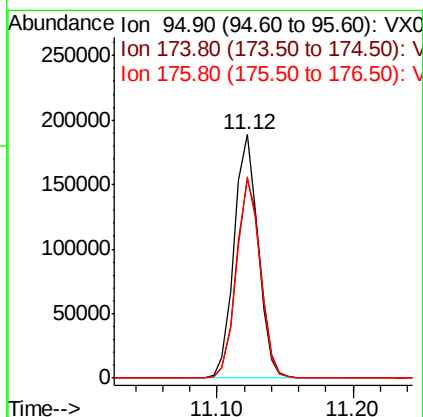
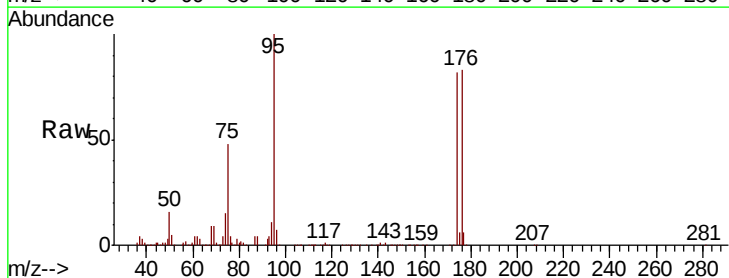
Instrument :
 MSVOA_X
 ClientSampleID :
 32388DL

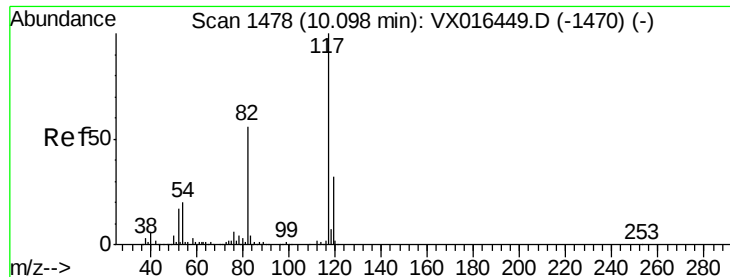
Tot Ion: 97 Resp: 696
 Ion Ratio Lower Upper
 97 100
 83 0.0 70.9 106.3#
 85 0.0 43.4 65.2#
 99 0.0 51.0 76.6#



#62
 4-Bromofluorobenzene
 Concen: 54.178 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016527.D
 Acq: 01 Jun 2020 14:36

Tgt Ion: 95 Resp: 231525
 Ion Ratio Lower Upper
 95 100
 174 82.9 0.0 163.0
 176 81.1 0.0 156.8

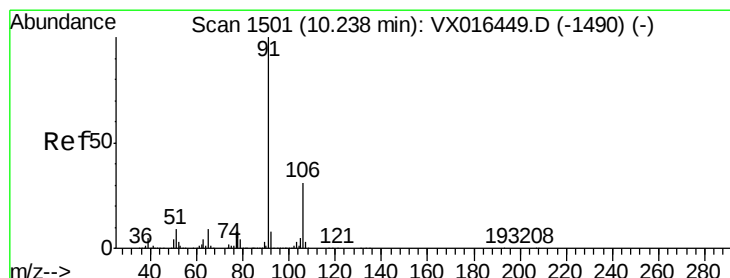
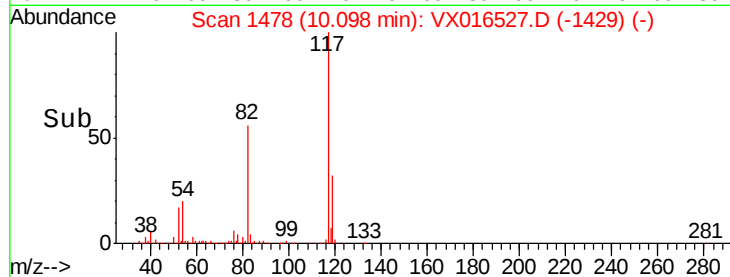
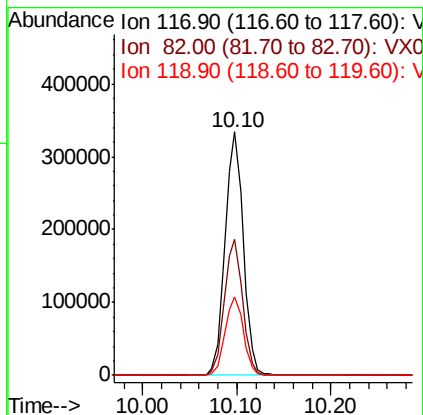
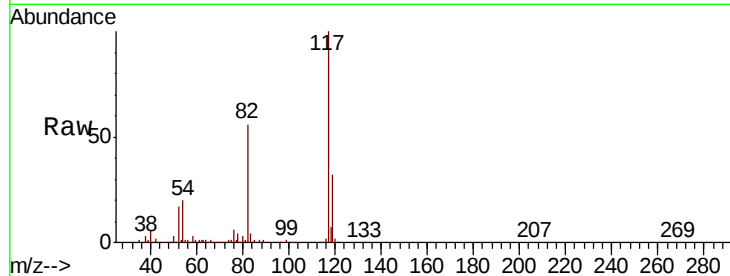




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016527.D
Acq: 01 Jun 2020 14:36

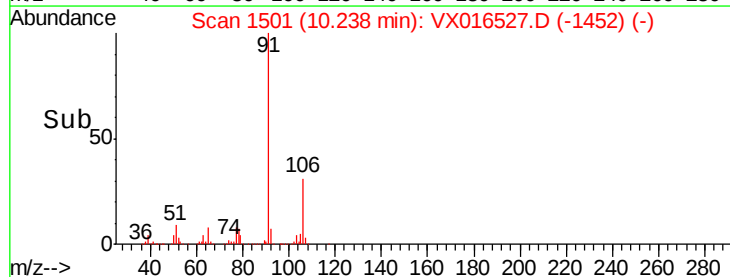
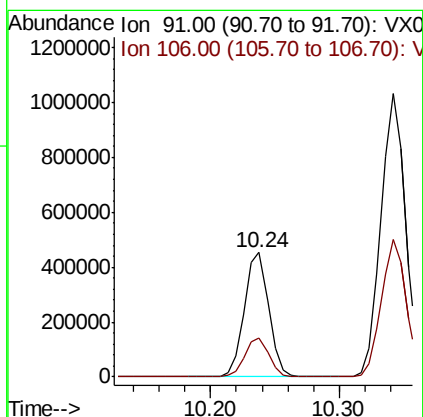
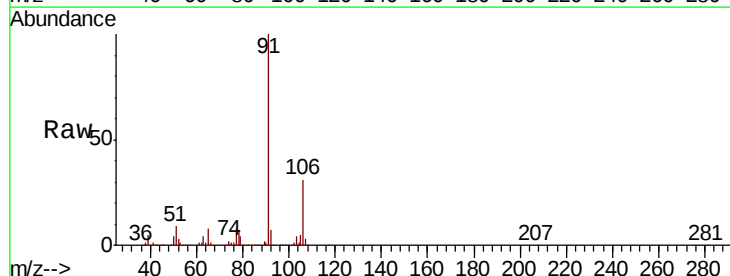
Instrument :
MSVOA_X
ClientSampleId :
32388DL

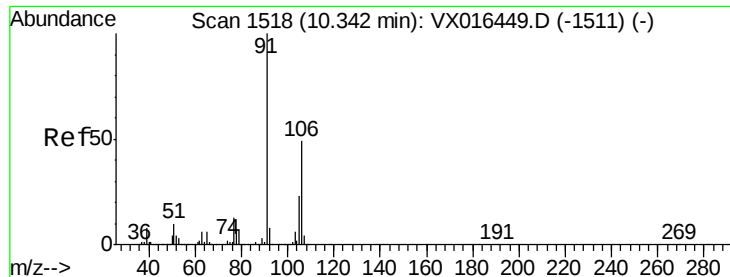
Tot Ion:117 Resp: 449465
Ion Ratio Lower Upper
117 100
82 55.7 45.0 67.6
119 32.4 25.8 38.8



#67
Ethyl Benzene
Concen: 36.058 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016527.D
Acq: 01 Jun 2020 14:36

Tgt Ion: 91 Resp: 588273
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.4

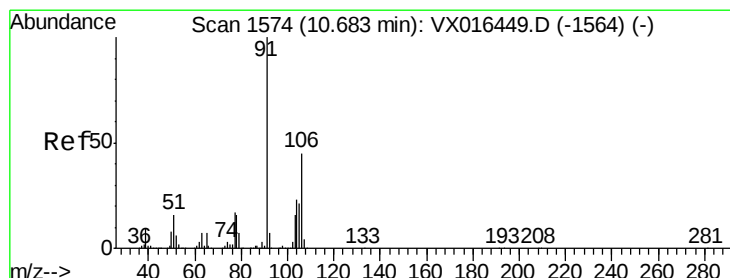
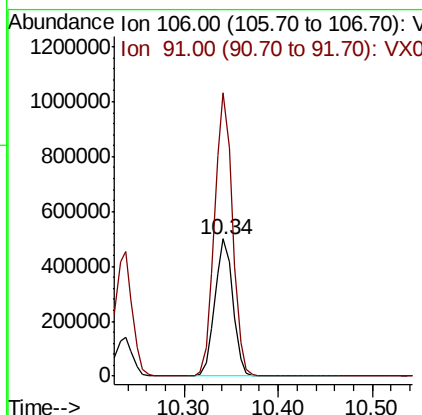
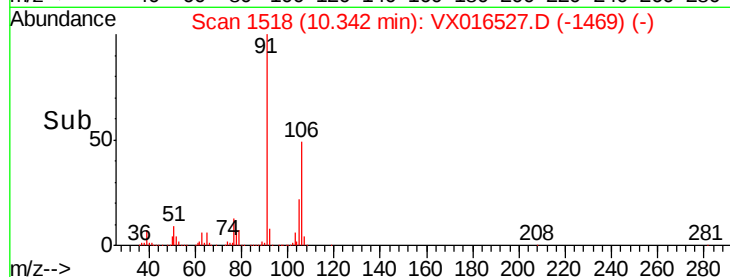
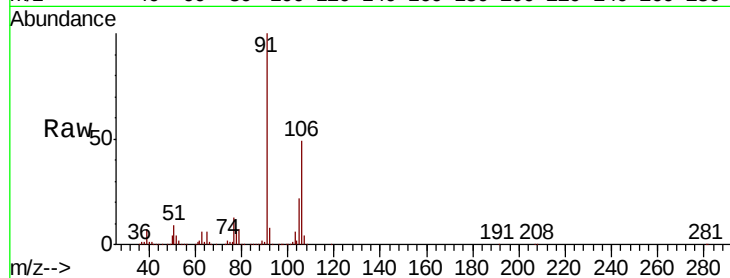




#68
m/p-Xylenes
Concen: 110.474 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016527.D
Acq: 01 Jun 2020 14:36

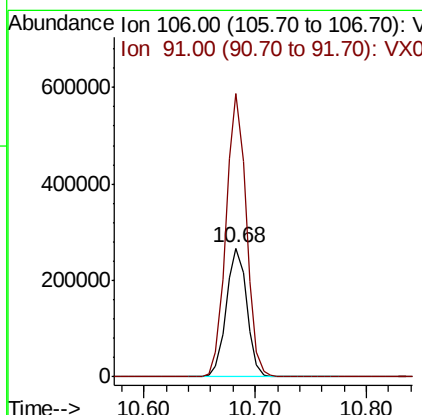
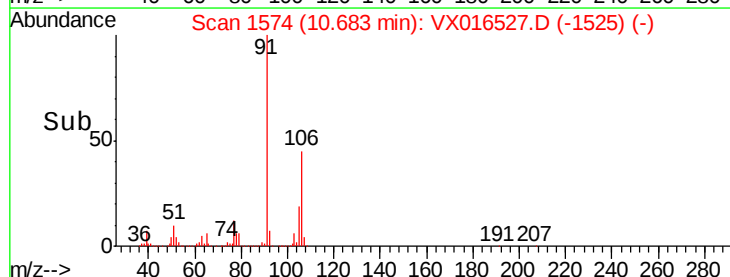
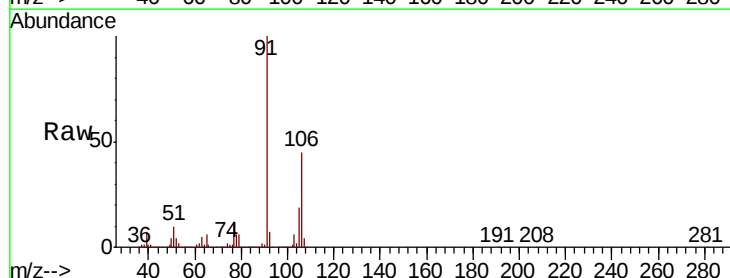
Instrument :
MSVOA_X
ClientSampleID :
32388DL

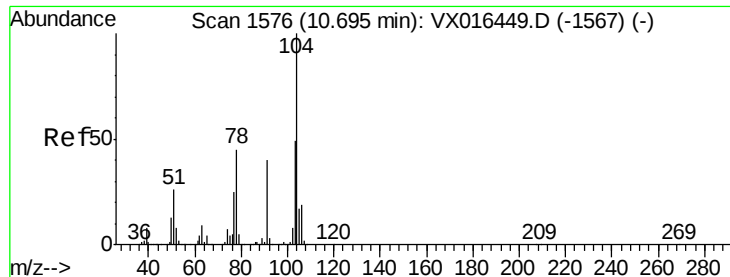
Tot Ion:106 Resp: 668257
Ion Ratio Lower Upper
106 100
91 204.6 163.8 245.8



#69
o-Xylene
Concen: 58.164 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016527.D
Acq: 01 Jun 2020 14:36

Tgt Ion:106 Resp: 340735
Ion Ratio Lower Upper
106 100
91 216.4 109.6 328.8

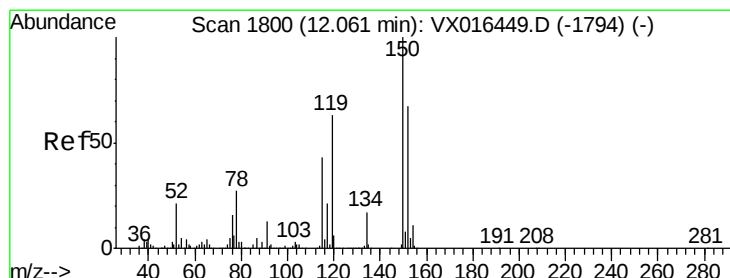
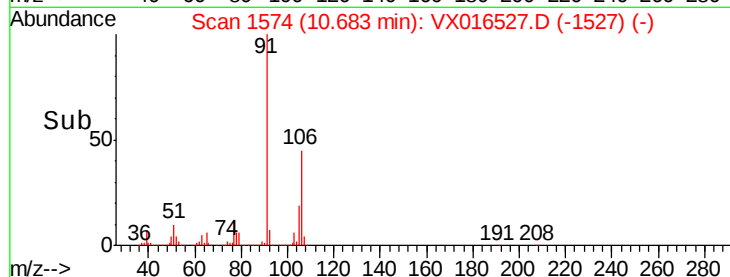
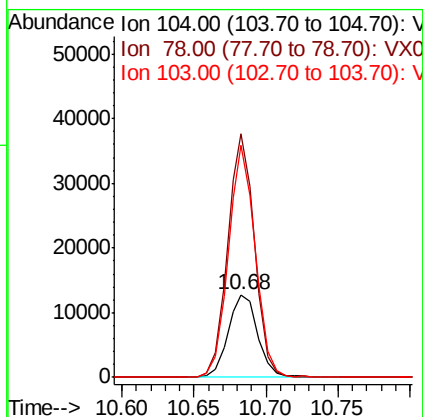
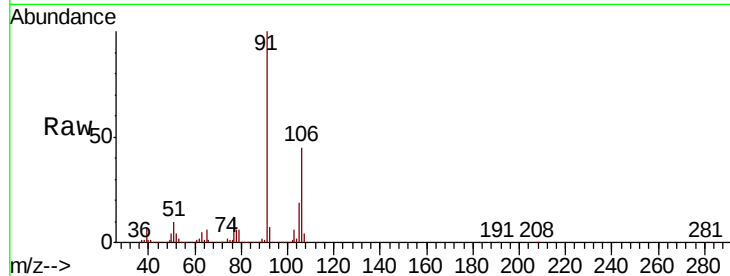




#70
Stvrene
Concen: 1.827 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.01 min
Lab File: VX016527.D
Acq: 01 Jun 2020 14:36

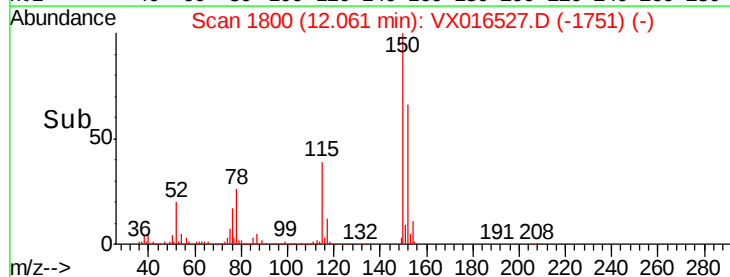
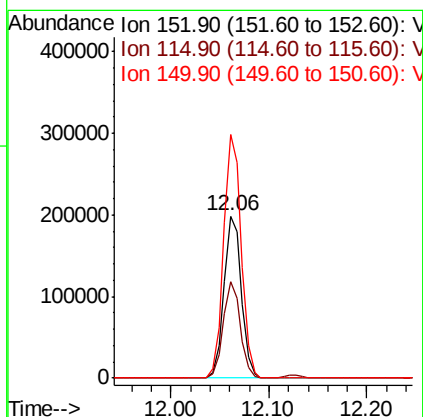
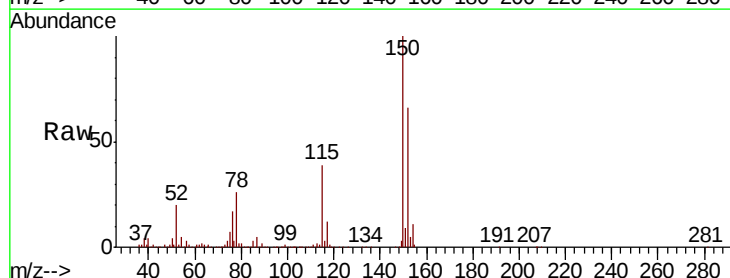
Instrument :
MSVOA_X
ClientSampleID :
32388DL

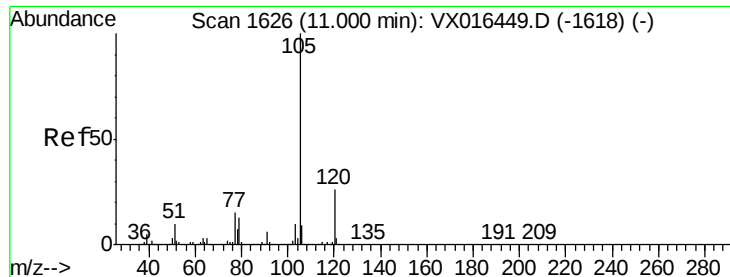
Tot Ion:104 Resp: 18394
Ion Ratio Lower Upper
104 100
78 268.2 40.2 60.2#
103 254.2 43.1 64.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016527.D
Acq: 01 Jun 2020 14:36

Tgt Ion:152 Resp: 243095
Ion Ratio Lower Upper
152 100
115 58.4 39.9 119.6
150 152.0 0.0 341.0





#73

Isopropylbenzene

Concen: 1.525 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016527.D

Acq: 01 Jun 2020 14:36

Instrument :

MSVOA_X

ClientSampleId :

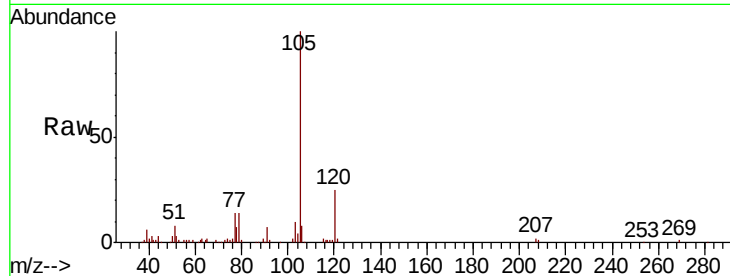
32388DL

Tot Ion:105 Resp: 25686

Ion Ratio Lower Upper

105 100

120 27.3 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

25000

20000

15000

10000

5000

0

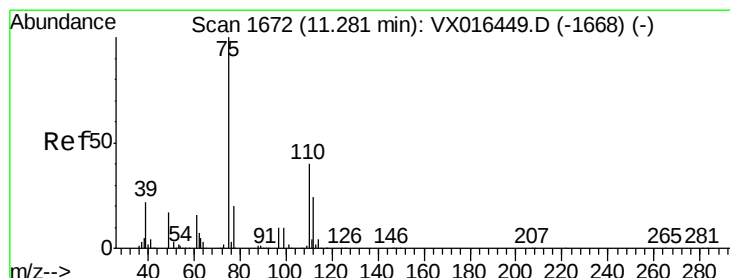
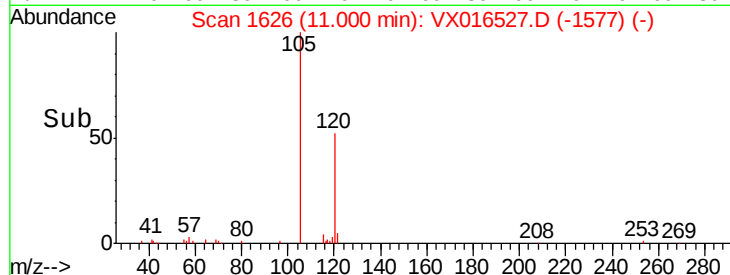
11.00

10.95

11.00

11.05

Time-->



#76

1,2,3-Trichloropropane

Concen: 0.644 ug/l

RT: 11.41 min Scan# 1694

Delta R.T. 0.13 min

Lab File: VX016527.D

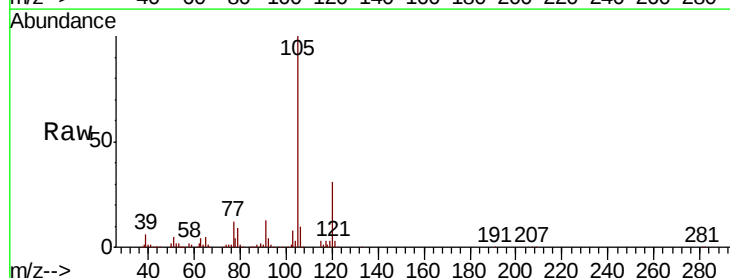
Acq: 01 Jun 2020 14:36

Tgt Ion: 75 Resp: 3439

Ion Ratio Lower Upper

75 100

77 1142.1 21.3 63.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

25000

20000

15000

10000

5000

0

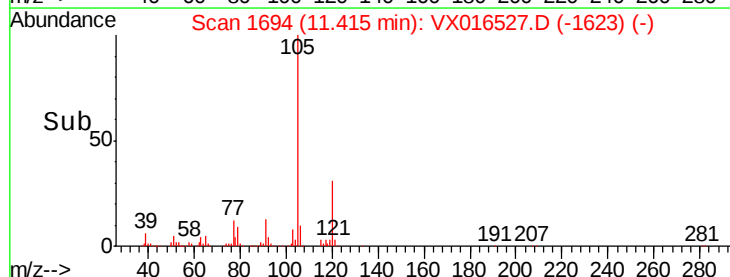
11.41

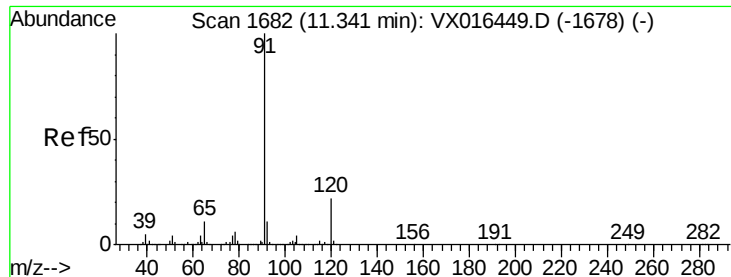
11.35

11.40

11.45

Time-->





#78

n-propylbenzene

Concen: 3.298 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016527.D

Acq: 01 Jun 2020 14:36

Instrument :

MSVOA_X

ClientSampleId :

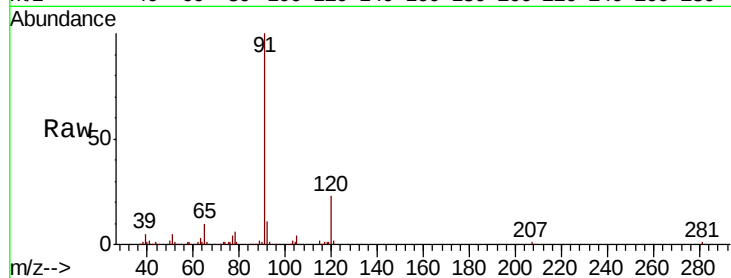
32388DL

Tot Ion: 91 Resp: 62060

Ion Ratio Lower Upper

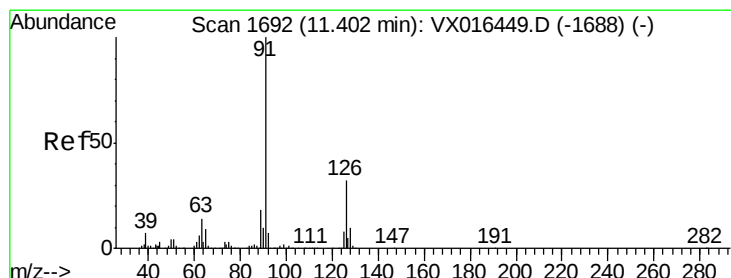
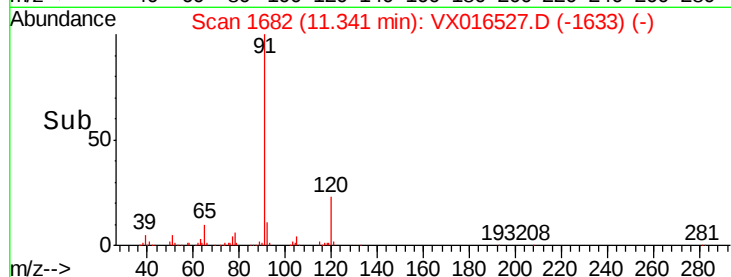
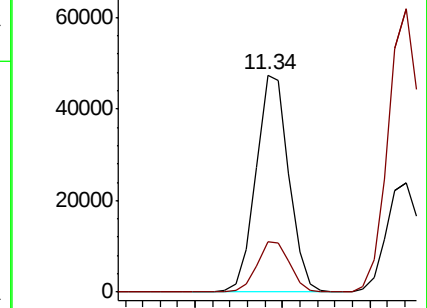
91 100

120 22.9 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 3.558 ug/l

RT: 11.42 min Scan# 1695

Delta R.T. 0.02 min

Lab File: VX016527.D

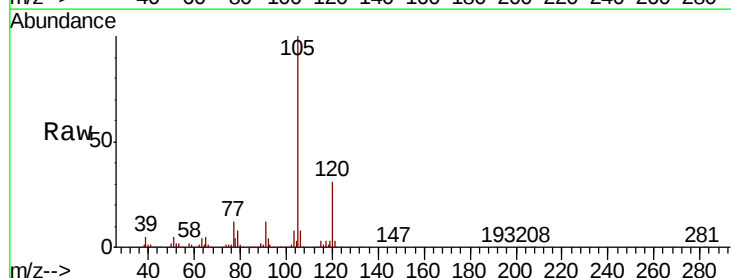
Acq: 01 Jun 2020 14:36

Tgt Ion: 91 Resp: 40864

Ion Ratio Lower Upper

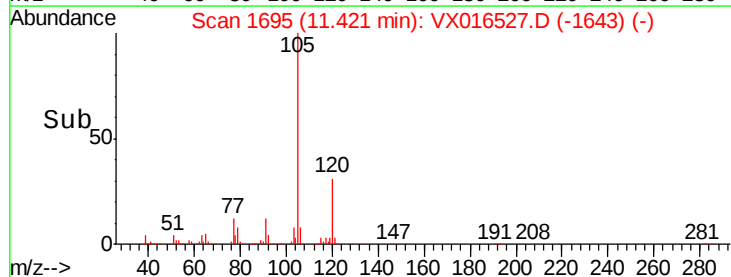
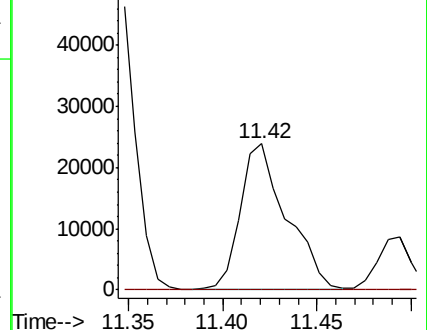
91 100

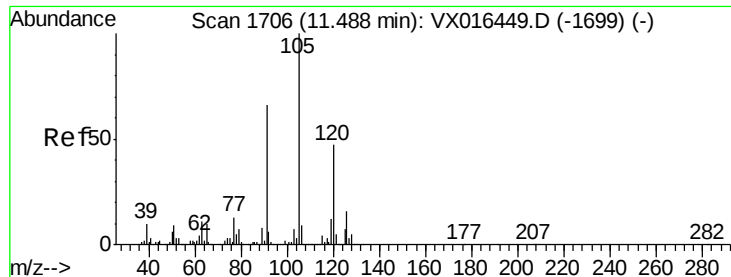
126 0.0 16.8 50.3#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

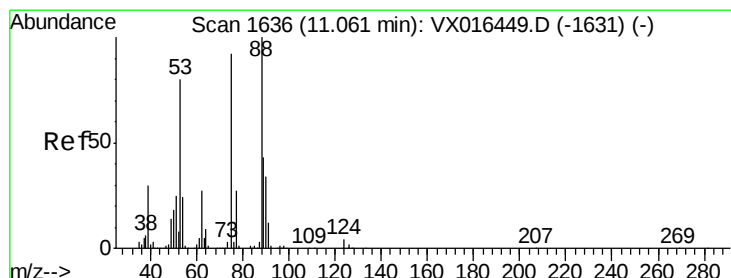
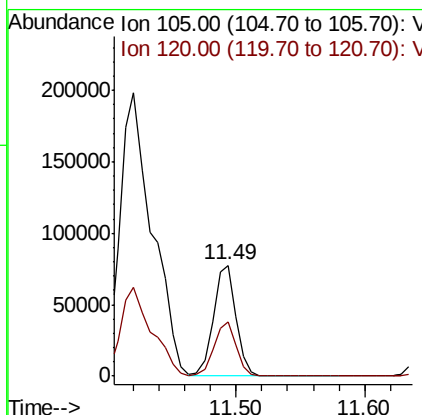
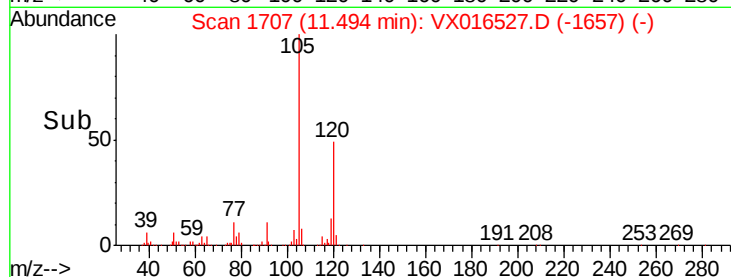
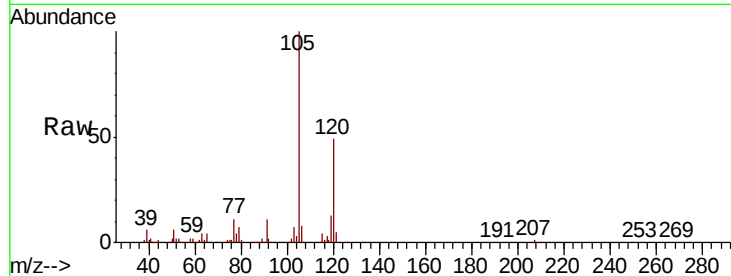




#80
 1,3,5-Trimethylbenzene
 Concen: 6.760 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX016527.D
 Acq: 01 Jun 2020 14:36

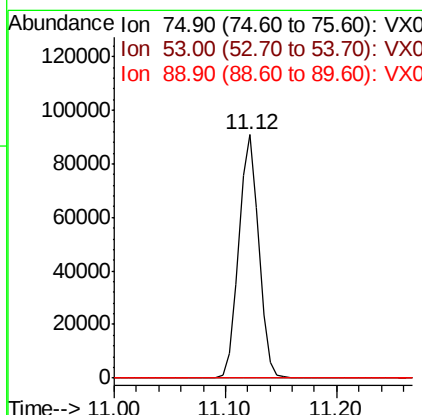
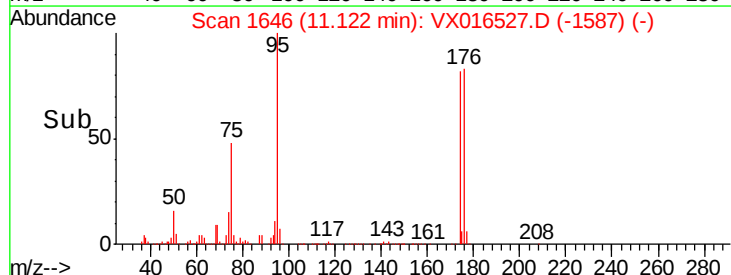
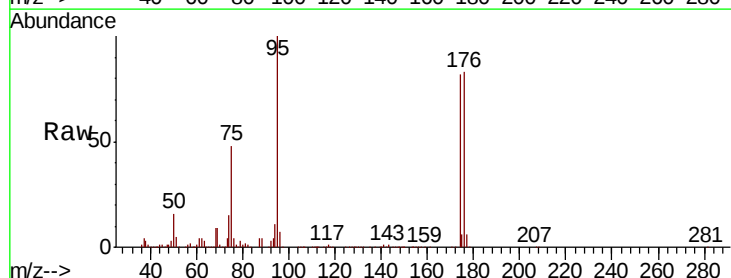
Instrument :
 MSVOA_X
 ClientSampled :
 32388DL

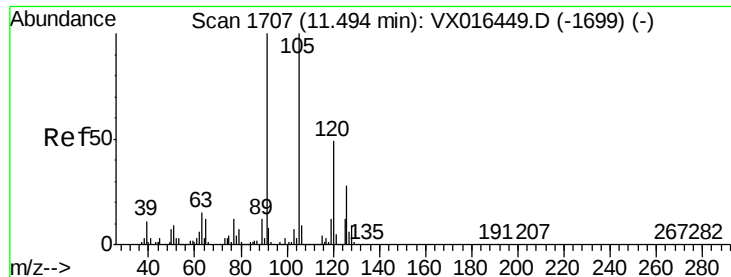
Tot Ion:105 Resp: 95072
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.001 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX016527.D
 Acq: 01 Jun 2020 14:36

Tgt Ion: 75 Resp: 112959
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.3 106.9#
 89 0.0 36.6 55.0#





#82

4-Chlorotoluene

Concen: 0.808 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016527.D

Acq: 01 Jun 2020 14:36

Instrument :

MSVOA_X

ClientSampleID :

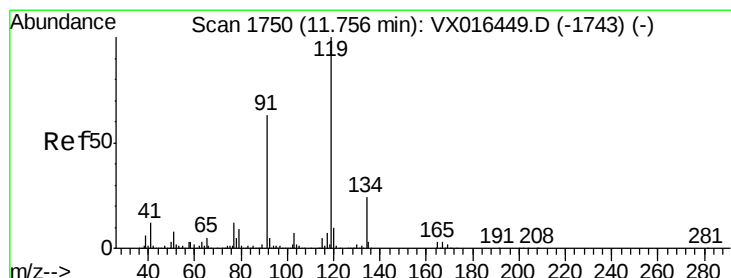
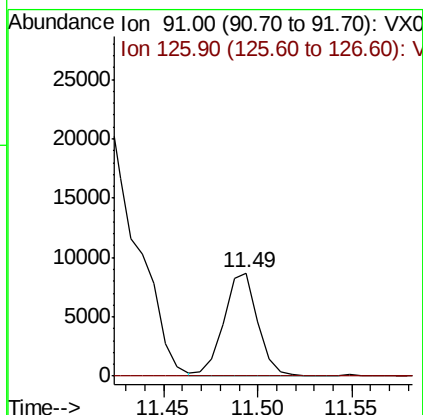
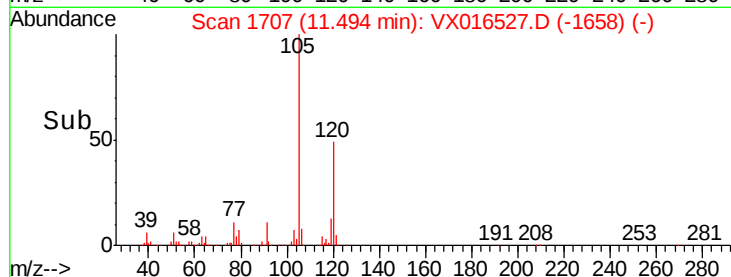
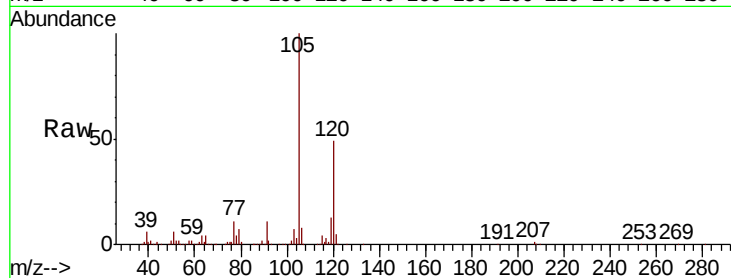
32388DL

Tot Ion: 91 Resp: 10965

Ion Ratio Lower Upper

91 100

126 0.4 14.7 44.1#



#83

tert-Butylbenzene

Concen: 4.049 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.04 min

Lab File: VX016527.D

Acq: 01 Jun 2020 14:36

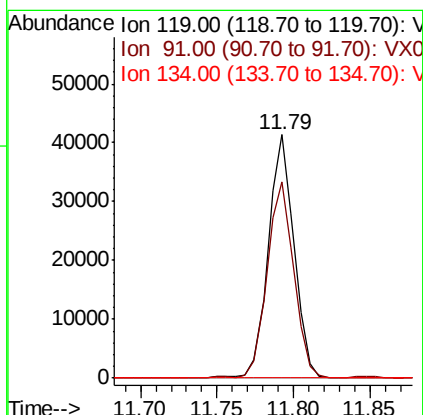
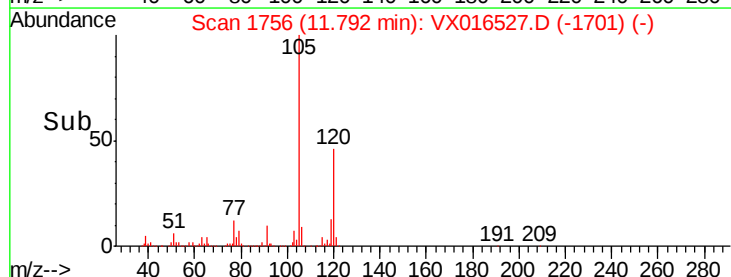
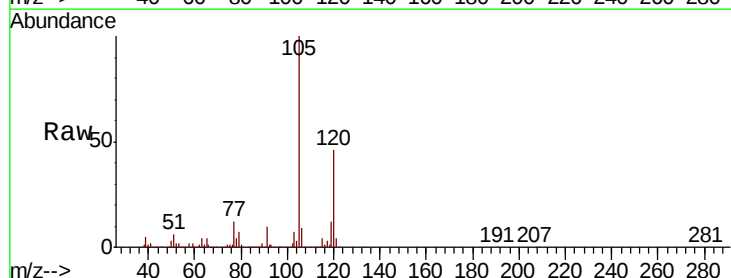
Tgt Ion: 119 Resp: 48654

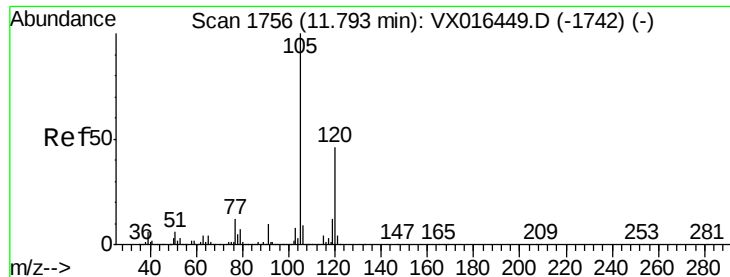
Ion Ratio Lower Upper

119 100

91 83.8 31.3 93.8

134 0.0 12.0 36.0#

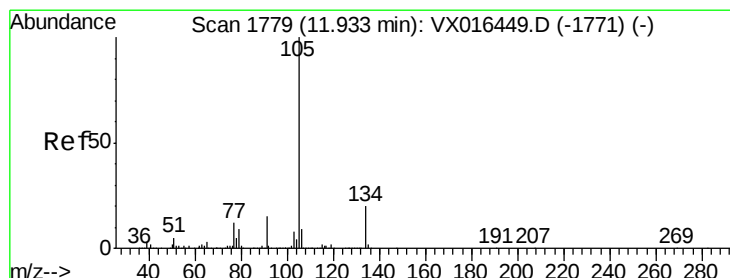
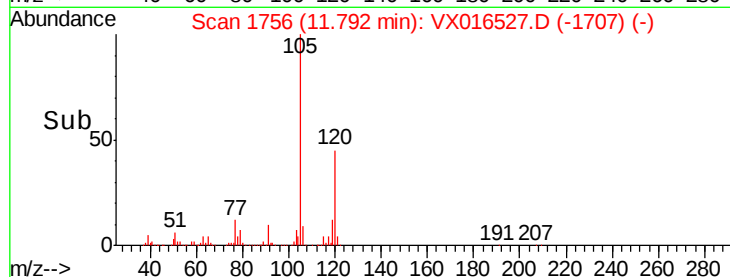
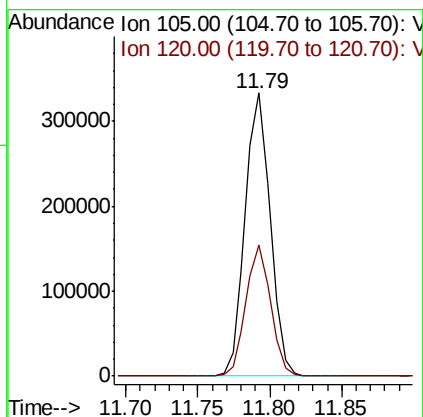
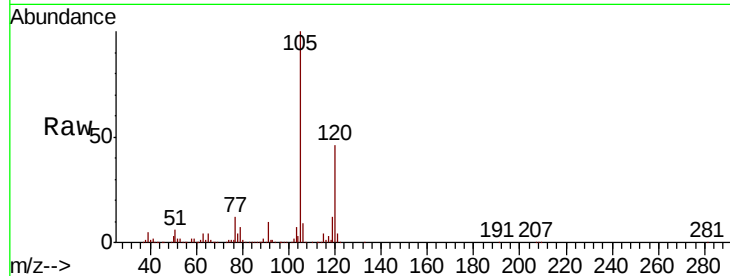




#84
 1,2,4-Trimethylbenzene
 Concen: 28.234 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016527.D
 Acq: 01 Jun 2020 14:36

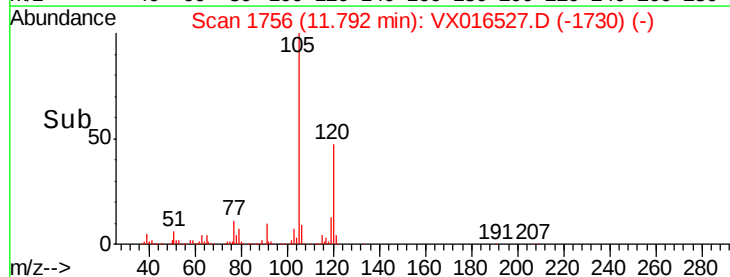
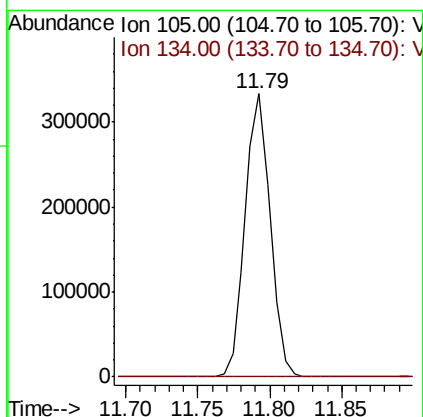
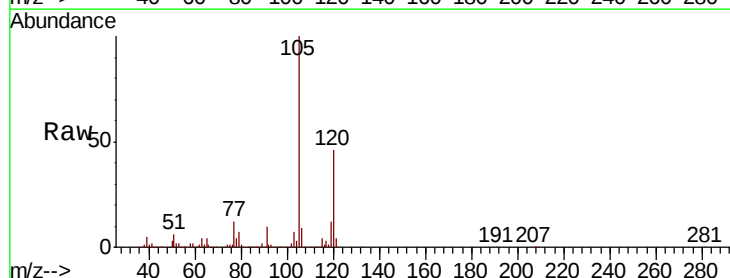
Instrument :
 MSVOA_X
 ClientSampleID :
 32388DL

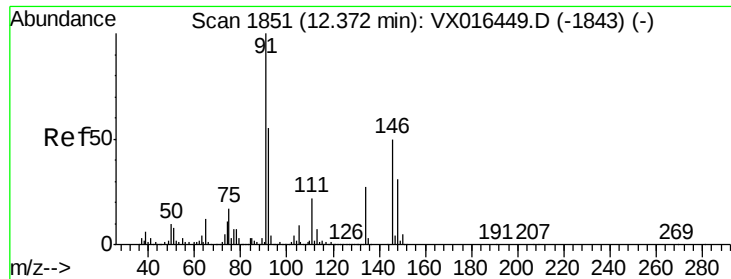
Tot Ion:105 Resp: 401583
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.6 67.7



#85
 sec-Butylbenzene
 Concen: 26.639 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.14 min
 Lab File: VX016527.D
 Acq: 01 Jun 2020 14:36

Tgt Ion:105 Resp: 401583
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.3#

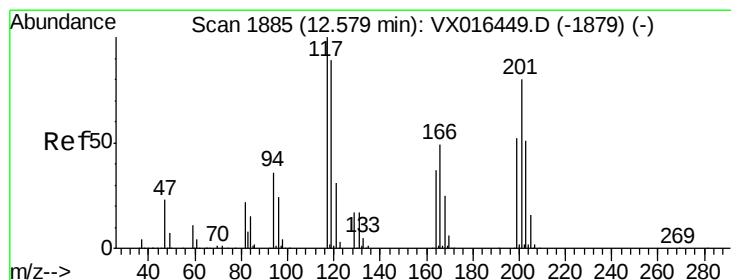
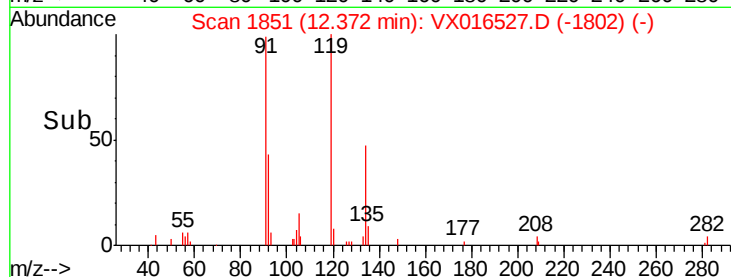
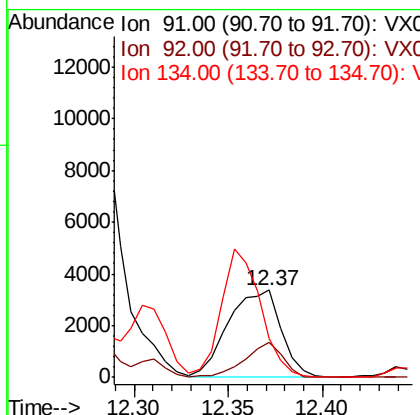
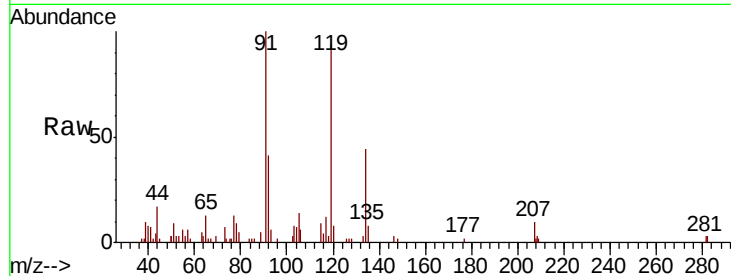




#89
n-Butylbenzene
Concen: 0.558 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016527.D
Acq: 01 Jun 2020 14:36

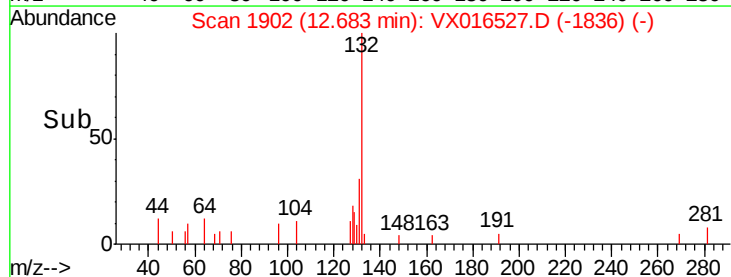
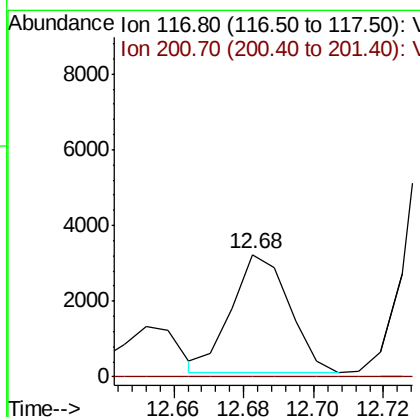
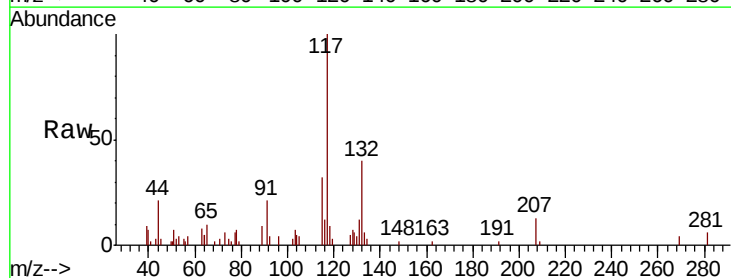
Instrument :
MSVOA_X
ClientSampled :
32388DL

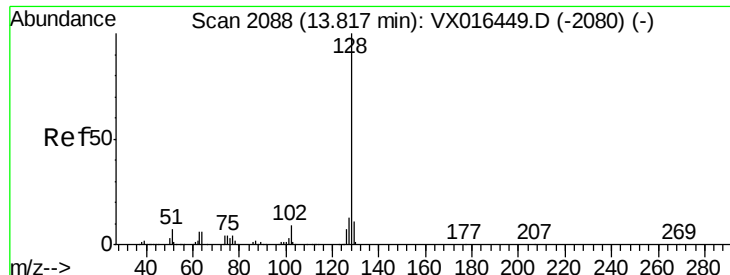
Tot Ion: 91 Resp: 6563
Ion Ratio Lower Upper
91 100
92 28.5 27.2 81.5
134 108.6 13.1 39.3#



#90
Hexachloroethane
Concen: 1.452 ug/l
RT: 12.68 min Scan# 1902
Delta R.T. 0.10 min
Lab File: VX016527.D
Acq: 01 Jun 2020 14:36

Tgt Ion: 117 Resp: 3542
Ion Ratio Lower Upper
117 100
201 0.0 43.1 129.3#





#95

Naphthalene

Concen: 5.392 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016527.D

Acq: 01 Jun 2020 14:36

Instrument :

MSVOA_X

ClientSampleId :

32388DL

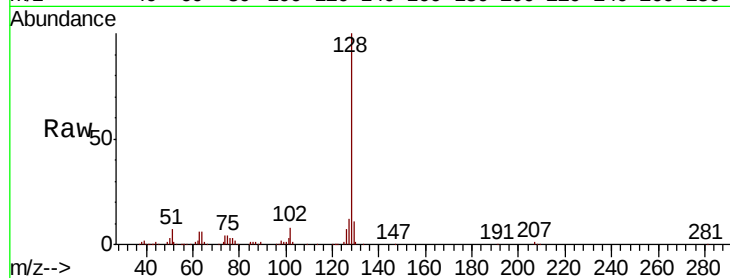
Tot Ion:128 Resp: 91032

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 11.0 8.6 13.0



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

