

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012422\
 Data File : VL038268.D
 Acq On : 24 Jan 2022 20:29
 Operator : SY/AP
 Sample : N1211-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-INFLUENT

Quant Time: Jan 24 22:05:45 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 24 14:12:48 2022
 QLast Update : Mon Jan 24 14:12:48 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	799401	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	1984987	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	1686561	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1353318	10.57	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.70%

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	3.06	85	66519	0.391	ppbv	95
3) Chlorodifluoromethane	3.00	51	40742	0.256	ppbv #	86
4) Chloromethane	3.16	50	6355	0.116	ppbv #	83
9) Propene	3.03	41	15612	0.301	ppbv #	75
10) Heptane	8.13	43	38470	0.289	ppbv #	35
11) Trichlorofluoromethane	3.96	101	19309	0.146	ppbv	89
13) Ethanol	3.62	45	4435776	797.603	ppbv	98
15) Acetone	3.86	43	1137857	16.147	ppbv	98
17) tert-Butyl alcohol	4.31	59	9928	0.128	ppbv #	70
19) Isopropyl Alcohol	3.99	45	492315	11.168	ppbv	100
20) Methylene Chloride	4.36	84	19998	0.488	ppbv	97
23) Vinyl Acetate	5.08	43	21979	0.215	ppbv #	76
25) Ethyl Acetate	5.68	43	677240	3.432	ppbv #	92
26) Hexane	5.70	57	36441	0.397	ppbv #	1
29) Chloroform	5.76	83	26748	0.179	ppbv	96
30) Cyclohexane	7.14	84	4526	0.057	ppbv #	1
31) cis-1,2-Dichloroethene	5.56	61	100621	1.257	ppbv	93
32) 1,1,1-Trichloroethane	6.52	97	11453	0.077	ppbv #	23
34) 2-Butanone	5.25	43	661271	10.187	ppbv	98
35) Carbon Tetrachloride	7.03	117	15452	0.111	ppbv #	78
36) Benzene	6.91	78	99154	0.565	ppbv	96
38) Trichloroethene	7.85	130	28654	0.438	ppbv	97
39) 1,2-Dichloropropane	7.19	63	527385	7.409	ppbv #	25
41) Tetrahydrofuran	6.06	42	875130	20.055	ppbv	99
44) 2,2,4-Trimethylpentane	7.88	57	125352	0.405	ppbv #	82
50) 4-Methyl-2-Pentanone	8.75	43	190285	1.643	ppbv	100
52) Tetrachloroethene	11.23	164	104004	1.719	ppbv	94
53) Toluene	9.81	91	4781536	24.604	ppbv	96
58) Ethyl Benzene	12.72	91	209117	0.844	ppbv	90
59) m/p-Xylene	12.97	91	649808	3.073	ppbv	97
60) o-Xylene	13.70	91	275398	1.400	ppbv	98
61) Styrene	13.54	104	2976	0.032	ppbv #	20
62) Isopropylbenzene	14.67	105	11549	0.044	ppbv #	68
64) n-propylbenzene	15.57	120	6194	0.098	ppbv #	1
65) tert-Butylbenzene	16.77	119	17217	0.080	ppbv #	1
66) Benzyl Chloride	16.85	91	627	0.064	ppbv #	1
70) n-Butylbenzene	18.56	91	26434	0.117	ppbv #	47
72) 4-Ethyltoluene	15.85	105	40728	0.198	ppbv #	55
73) 1,3,5-Trimethylbenzene	16.01	105	38916	0.210	ppbv	93
74) 1,2,4-Trimethylbenzene	16.77	105	165361	0.849	ppbv #	70
79) Naphthalene	22.21	128	5860	0.064	ppbv #	84

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QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration

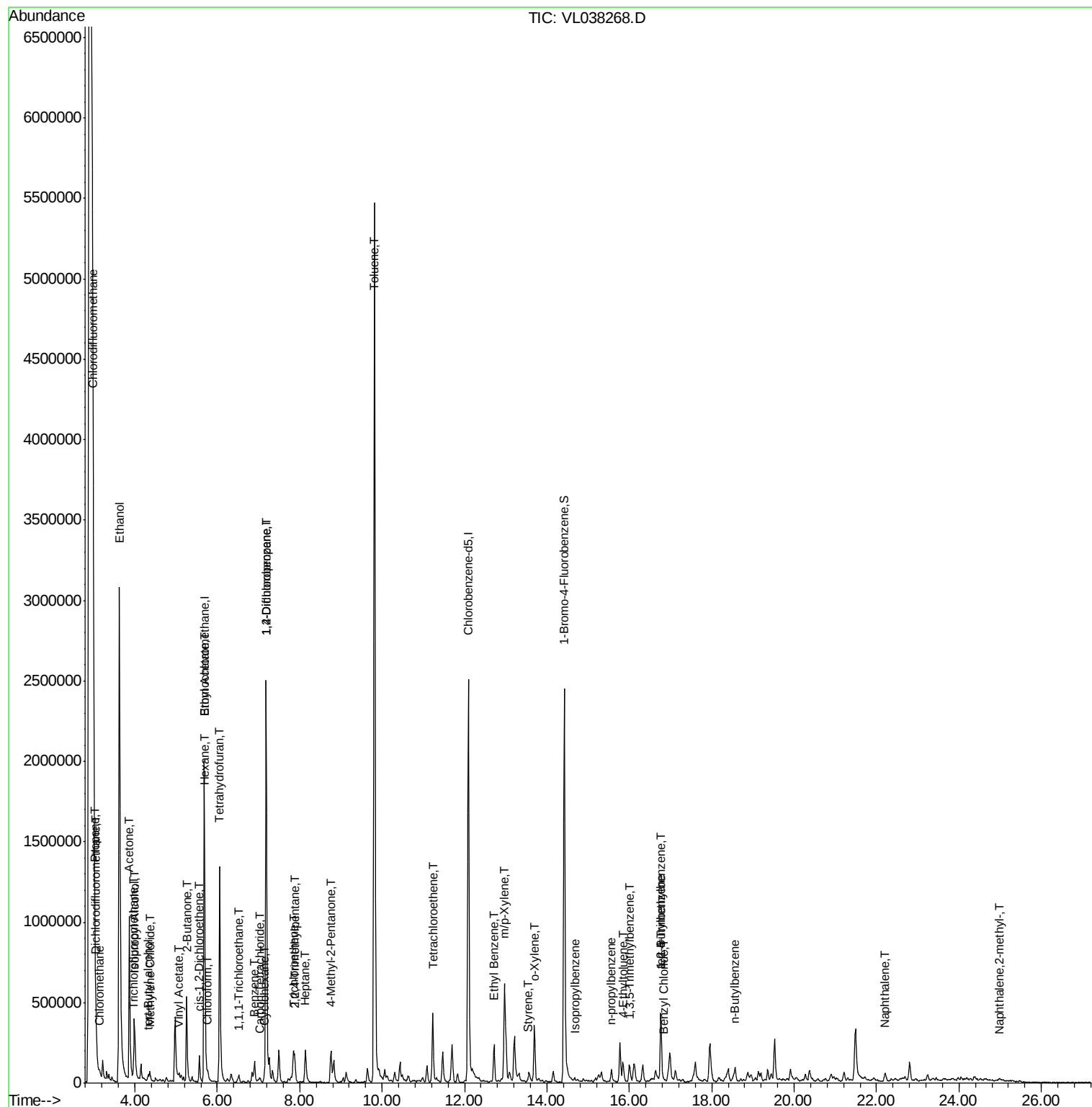
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Naphthalene,2-methyl-	24.97	142	5020	0.507	ppbv	# 71

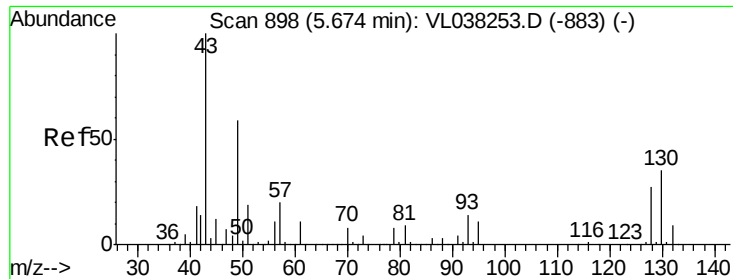
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_L

Delta R.T.

Lab File: ClientSampleId:

Acq: 24 Jan 2022 20:29 SVE-INFLUENT

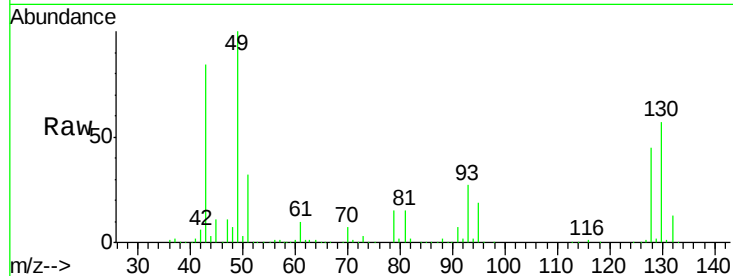
Tgt Ion: 49 Resp: 799401

Ion Ratio Lower Upper

49 100

128 46.1 24.5 73.5

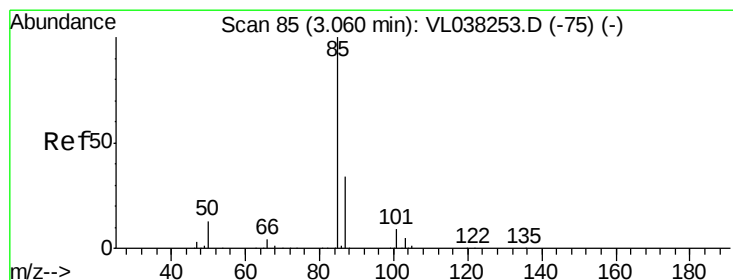
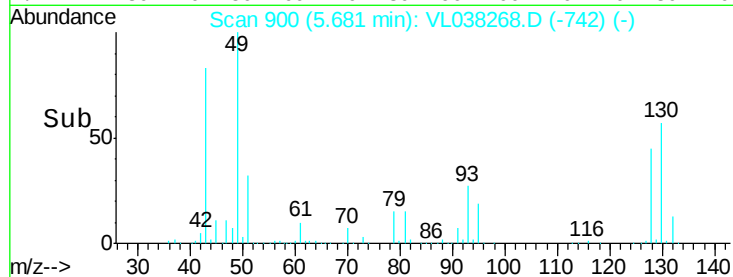
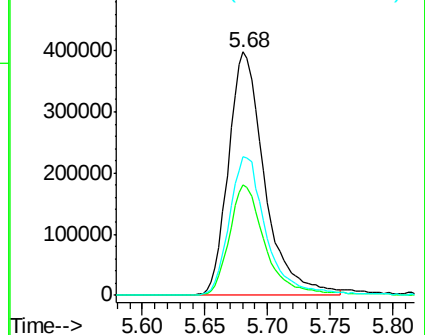
130 58.6 30.1 90.5



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.391 ppbv

RT: 3.06 min Scan# 84

Delta R.T. -0.00 min

Lab File: VL038268.D

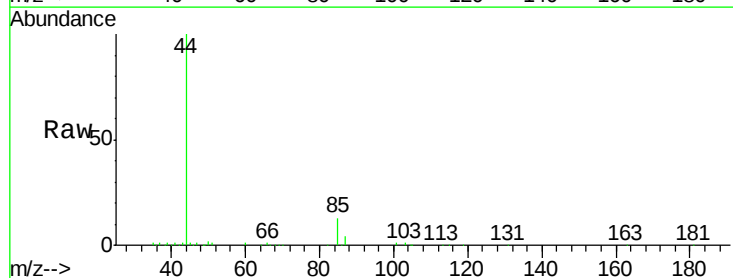
Acq: 24 Jan 2022 20:29

Tgt Ion: 85 Resp: 66519

Ion Ratio Lower Upper

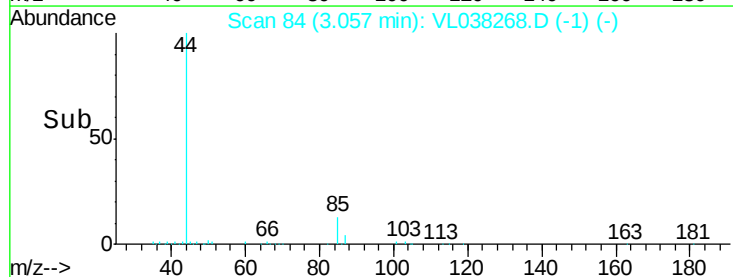
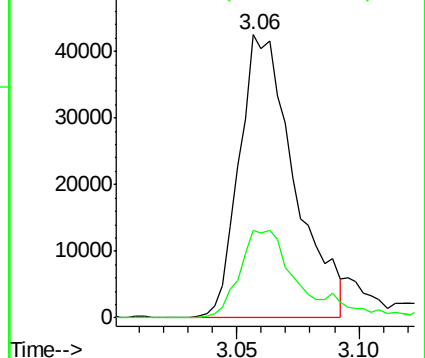
85 100

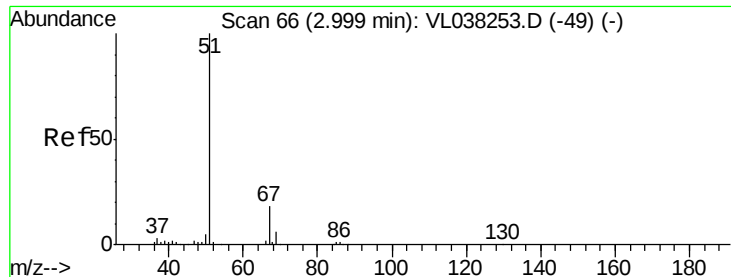
87 30.7 27.0 40.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.256 ppbv

RT: 3.00 Instrument:

Delta R.T. MSVOA.L

Lab File: ClientSampleId:

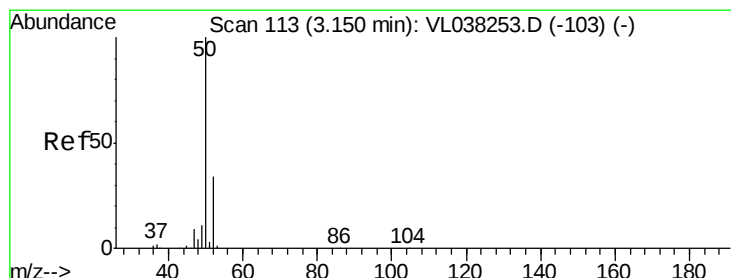
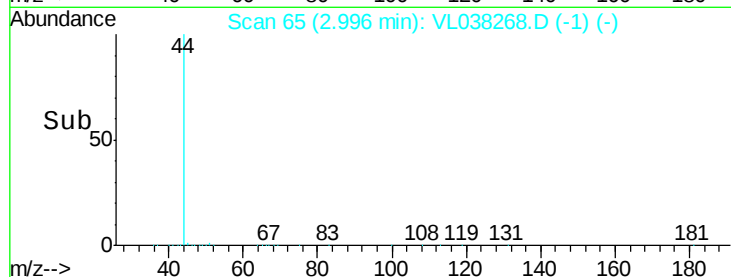
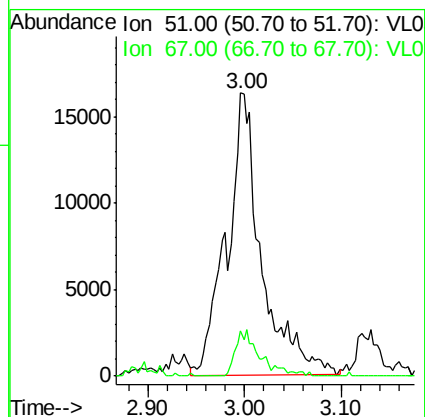
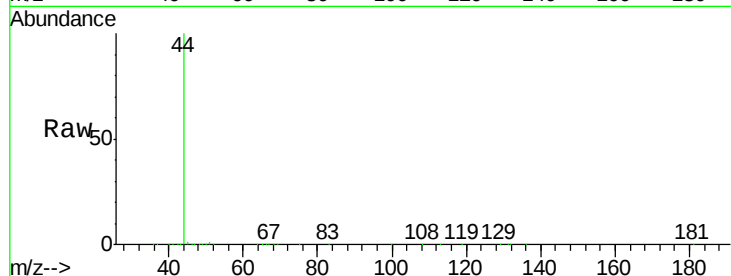
Acq: 24 Jan 2022 20:29 SVE-INFLUENT

Tgt Ion: 51 Resp: 40742

Ion Ratio Lower Upper

51 100

67 11.7 14.4 21.6#



#4

Chloromethane

Concen: 0.116 ppbv

RT: 3.16 min Scan# 115

Delta R.T. 0.01 min

Lab File: VL038268.D

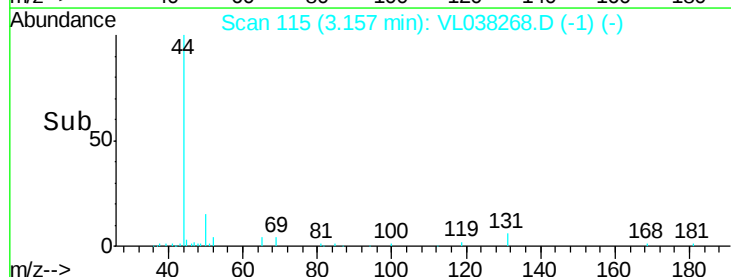
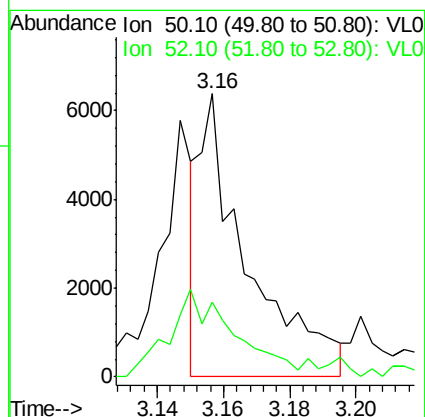
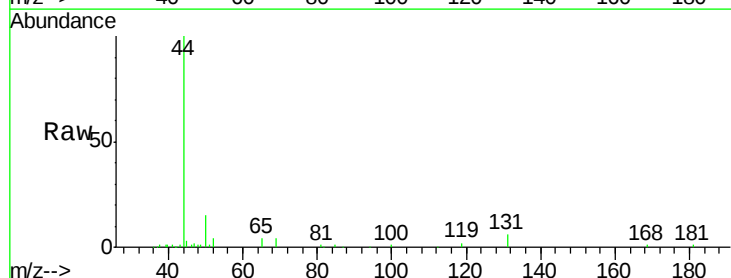
Acq: 24 Jan 2022 20:29

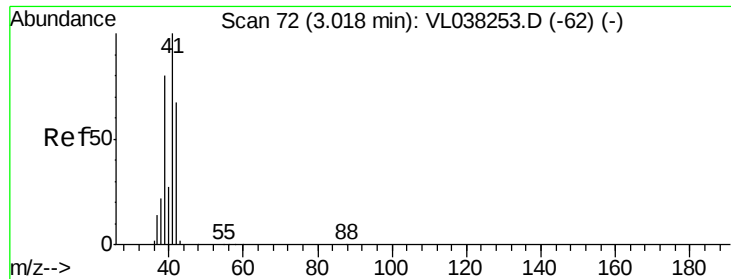
Tgt Ion: 50 Resp: 6355

Ion Ratio Lower Upper

50 100

52 24.4 27.1 40.7#





#9

Propene

Concen: 0.301 ppbv

RT: 3.03 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: SVE-INFLUENT

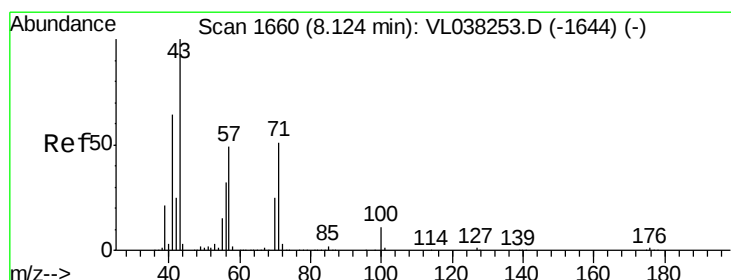
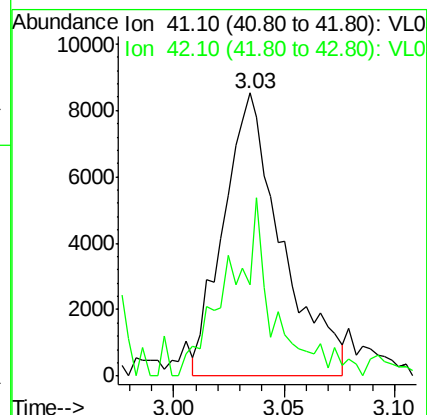
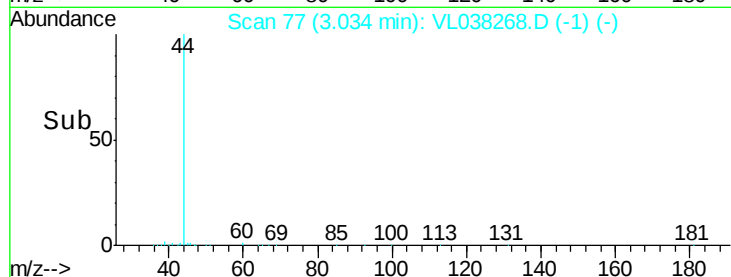
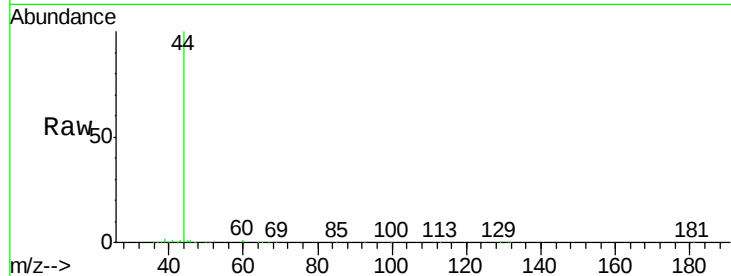
Acq: 24 Jan 2022 20:29

Tgt Ion: 41 Resp: 15612

Ion Ratio Lower Upper

41 100

42 48.1 54.9 82.3#



#10

Heptane

Concen: 0.289 ppbv

RT: 8.13 min Scan# 1663

Delta R.T. 0.01 min

Lab File: VL038268.D

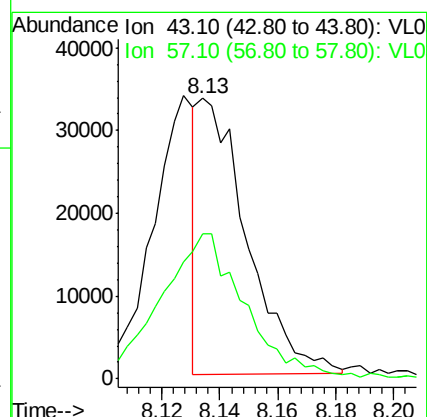
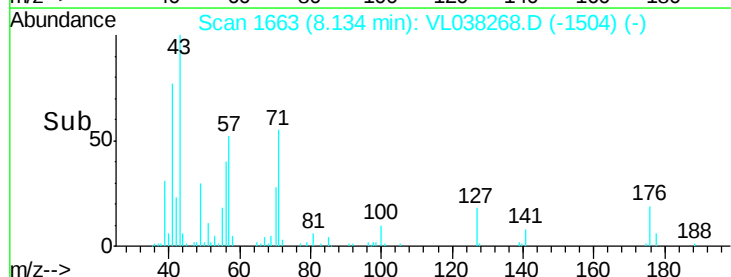
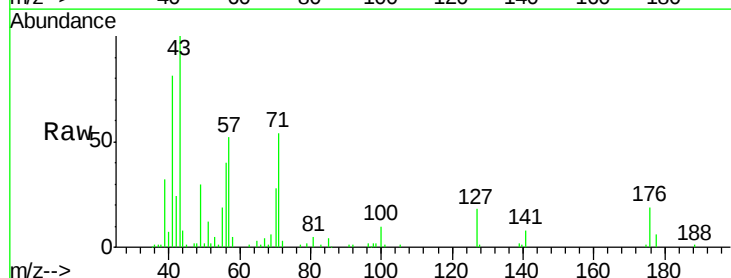
Acq: 24 Jan 2022 20:29

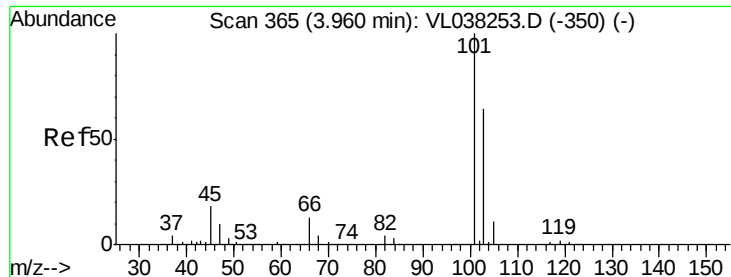
Tgt Ion: 43 Resp: 38470

Ion Ratio Lower Upper

43 100

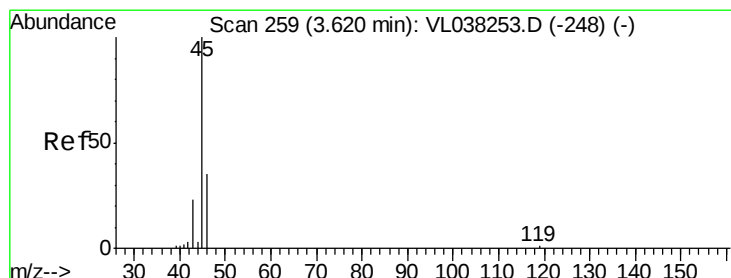
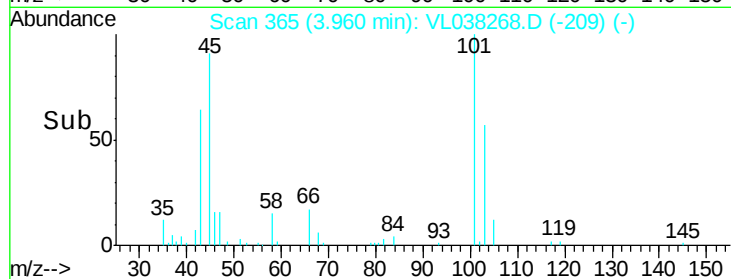
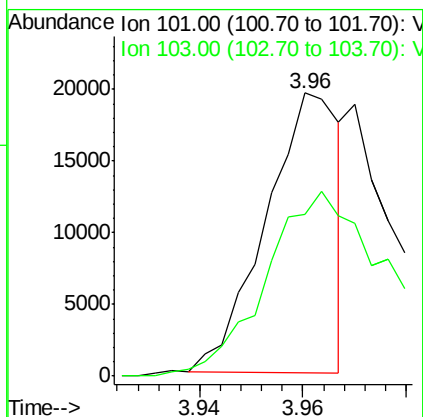
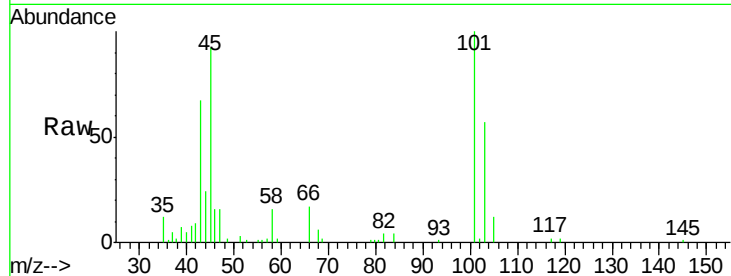
57 94.2 39.5 59.3#





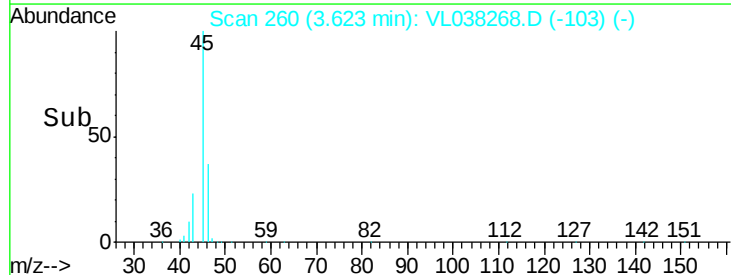
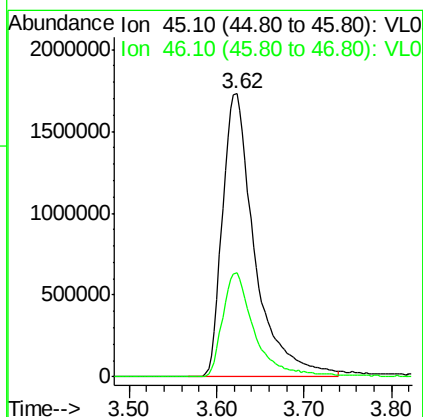
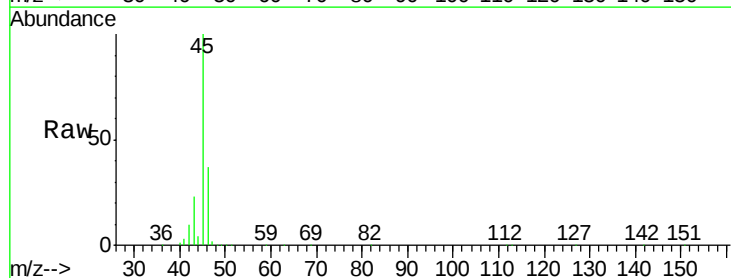
#11
 Trichlorofluoromethane
 Concen: 0.146 ppbv
 RT: 3.96
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 SVE-INFLUENT
 Acq: 24 Jan 2022 20:29

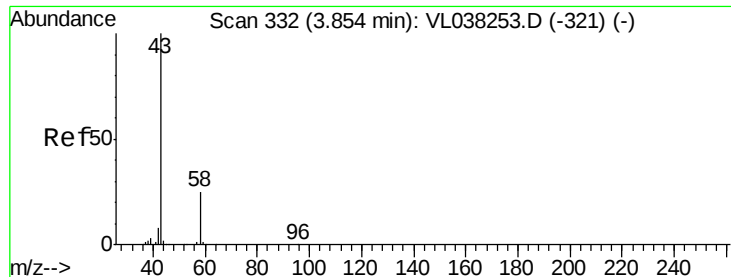
Tgt Ion: 101 Resp: 19309
 Ion Ratio Lower Upper
 101 100
 103 55.7 51.2 76.8



#13
 Ethanol
 Concen: 797.603 ppbv
 RT: 3.62 min Scan# 260
 Delta R.T. 0.00 min
 Lab File: VL038268.D
 Acq: 24 Jan 2022 20:29

Tgt Ion: 45 Resp: 4435776
 Ion Ratio Lower Upper
 45 100
 46 37.5 15.4 61.6





#15

Acetone

Concen: 16.147 ppbv

RT: 3.86 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

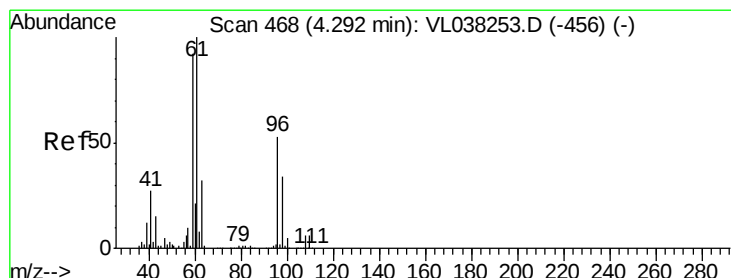
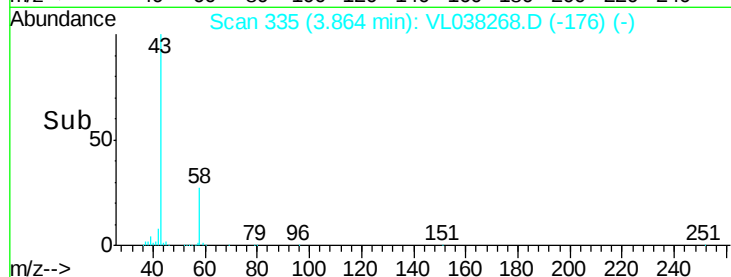
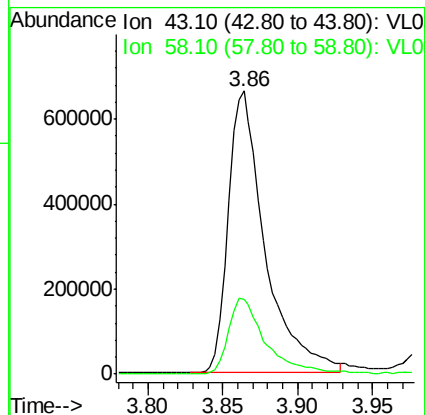
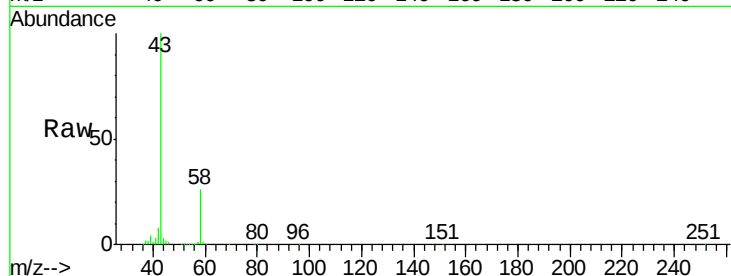
Acq: 24 Jan 2022 20:29 SVE-INFLUENT

Tgt Ion: 43 Resp: 1137857

Ion Ratio Lower Upper

43 100

58 27.8 21.5 32.3



#17

tert-Butyl alcohol

Concen: 0.128 ppbv

RT: 4.31 min Scan# 475

Delta R.T. 0.02 min

Lab File: VL038268.D

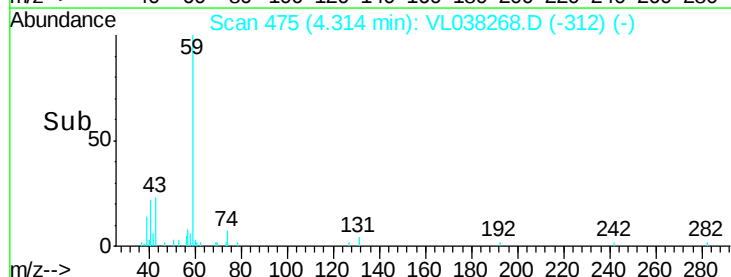
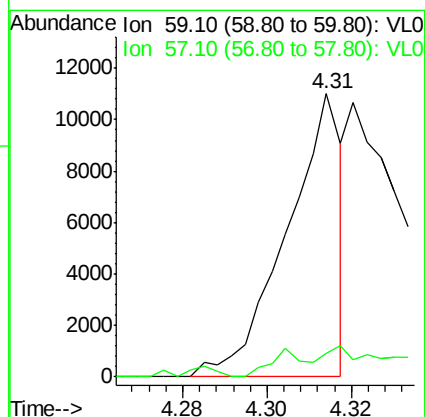
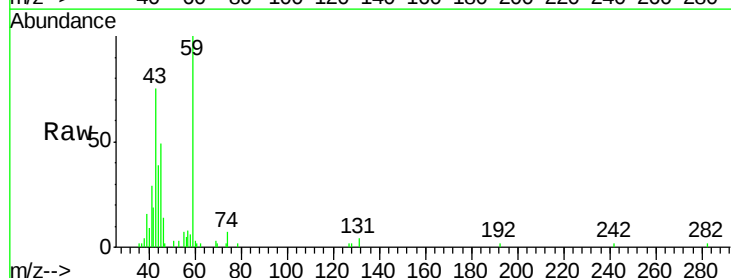
Acq: 24 Jan 2022 20:29

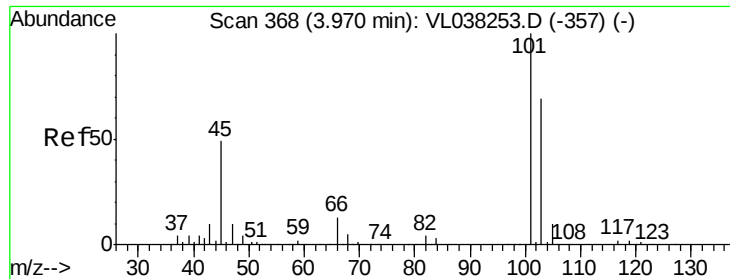
Tgt Ion: 59 Resp: 9928

Ion Ratio Lower Upper

59 100

57 0.0 9.2 13.8#





#19

Isopropyl Alcohol

Concen: 11.168 ppbv

RT: 3.99 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

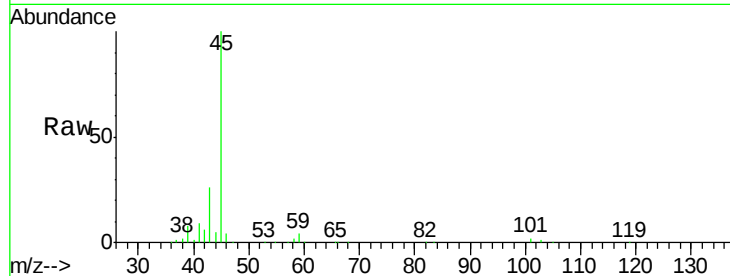
Acq: 24 Jan 2022 20:29 SVE-INFLUENT

Tgt Ion: 45 Resp: 492315

Ion Ratio Lower Upper

45 100

58 3.0 2.3 3.5



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.99

250000

200000

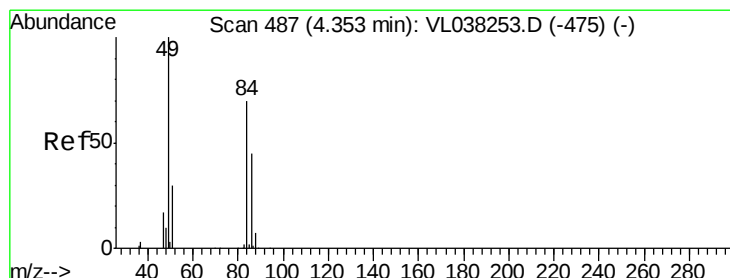
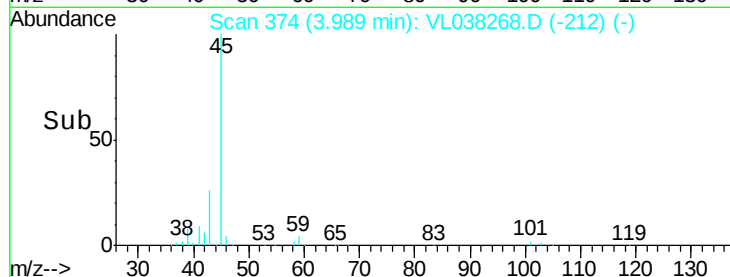
150000

100000

50000

0

Time--> 3.90 3.95 4.00 4.05 4.10



#20

Methylene Chloride

Concen: 0.488 ppbv

RT: 4.36 min Scan# 490

Delta R.T. 0.01 min

Lab File: VL038268.D

Acq: 24 Jan 2022 20:29

Tgt Ion: 84 Resp: 19998

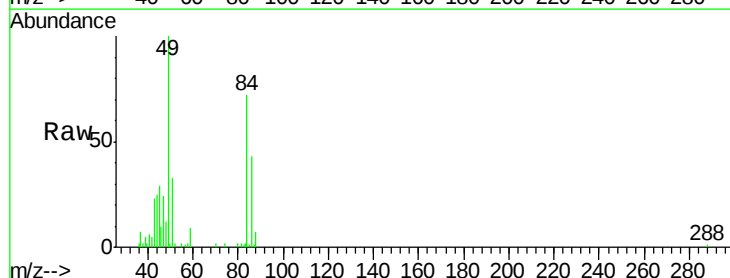
Ion Ratio Lower Upper

84 100

49 139.5 115.0 172.6

51 42.8 35.0 52.6

86 60.5 51.4 77.0



Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

4.36

25000

20000

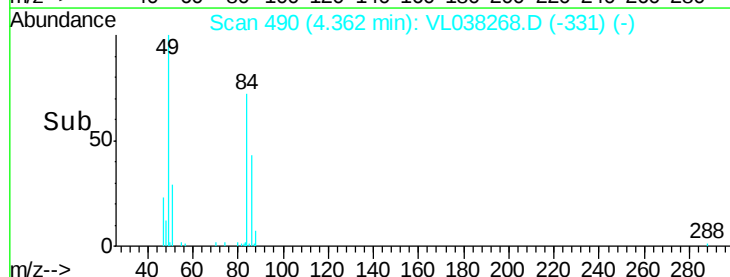
15000

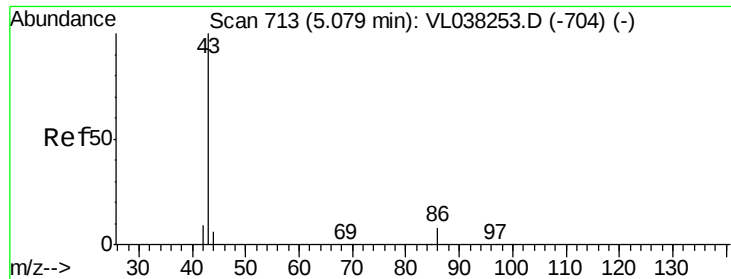
10000

5000

0

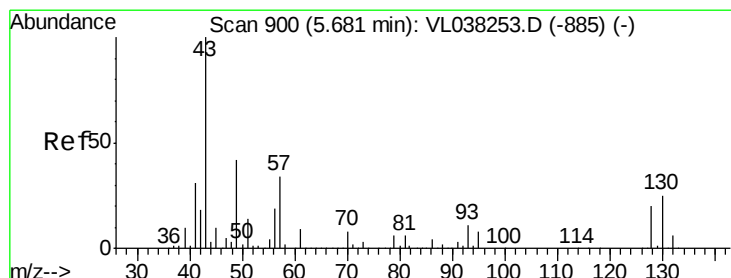
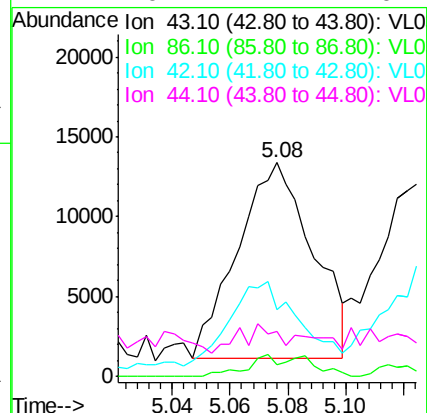
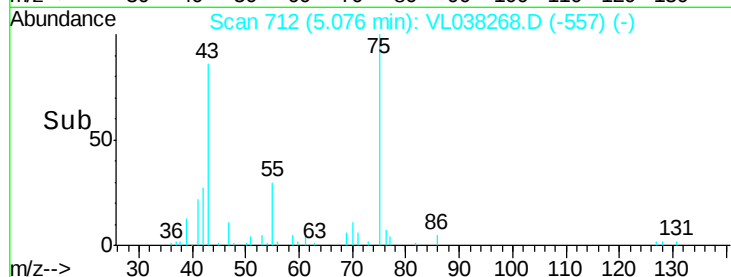
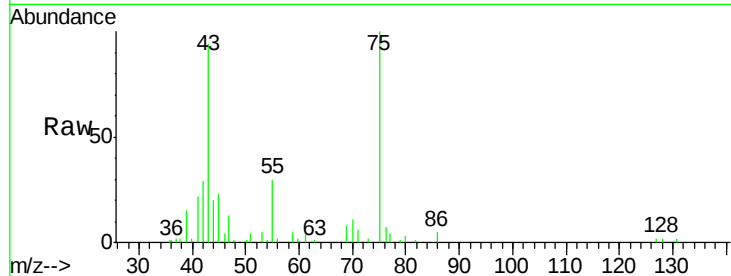
Time--> 4.30 4.35 4.40





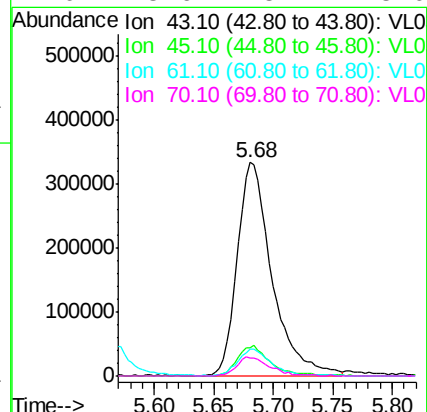
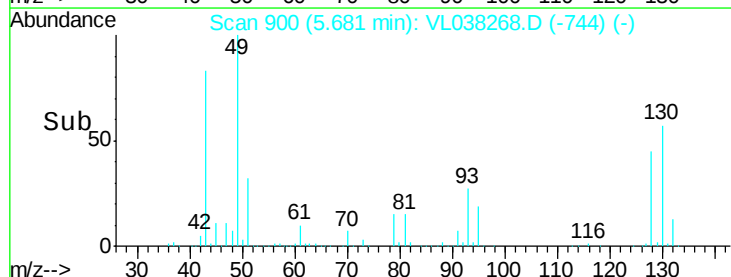
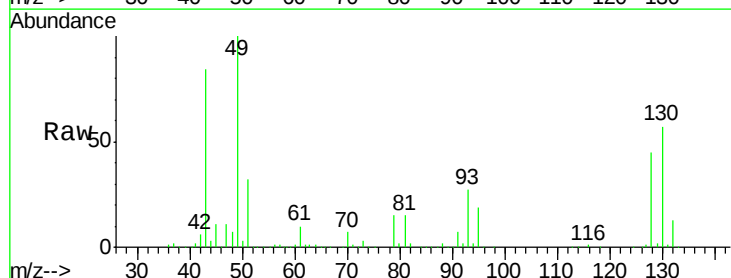
#23
 Vinyl Acetate
 Concen: 0.215 ppbv
 RT: 5.08
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 24 Jan 2022 20:29

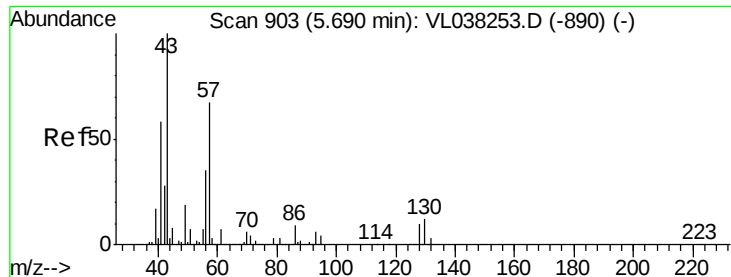
Tgt Ion:	43	Resp:	21979
Ion	Ratio	Lower	Upper
43	100		
86	6.1	5.7	8.5
42	26.3	7.7	11.5#
44	9.1	4.2	6.4#



#25
 Ethyl Acetate
 Concen: 3.432 ppbv
 RT: 5.68 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VL038268.D
 Acq: 24 Jan 2022 20:29

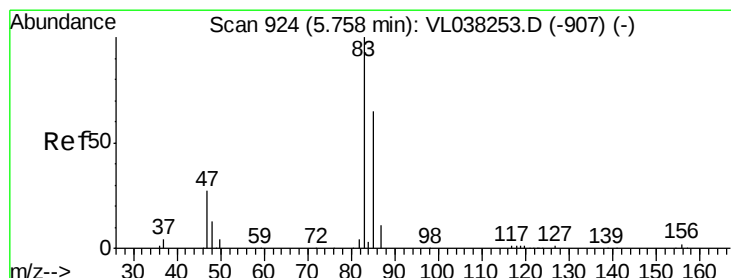
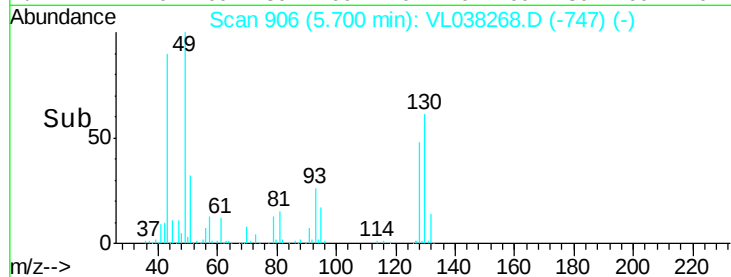
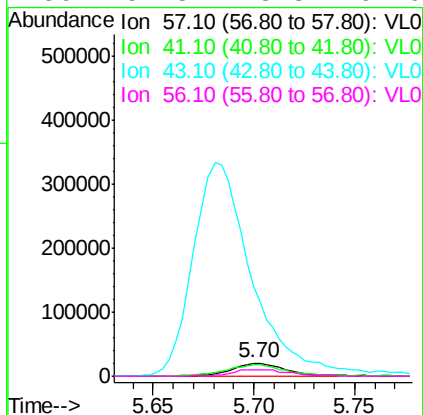
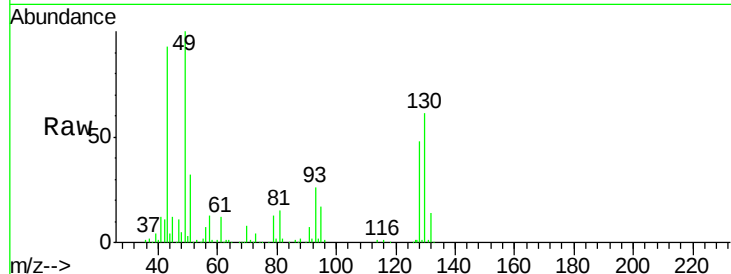
Tgt Ion:	43	Resp:	677240
Ion	Ratio	Lower	Upper
43	100		
45	13.7	7.9	11.9#
61	12.7	7.8	11.8#
70	8.6	5.4	8.0#





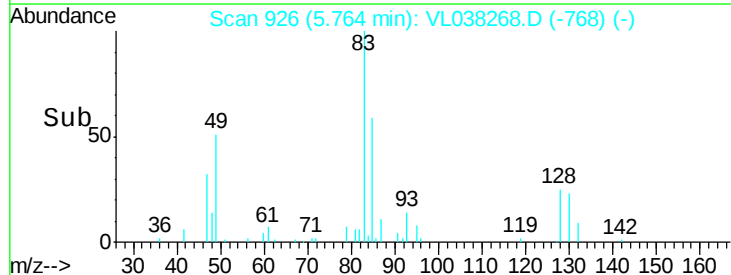
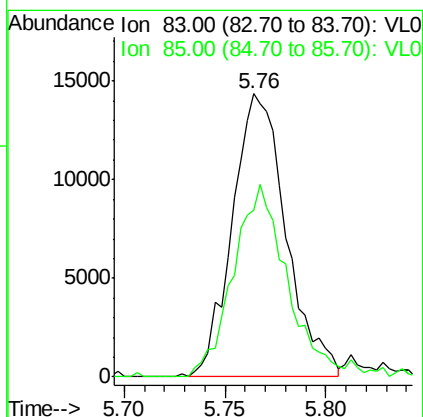
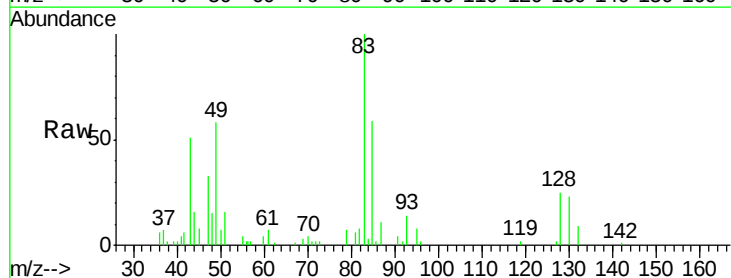
#26
Hexane
Concen: 0.397 ppbv
RT: 5.70
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 24 Jan 2022 20:29

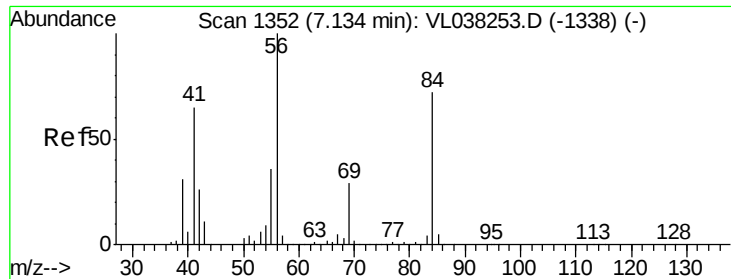
Tgt Ion: 57 Resp: 36441
Ion Ratio Lower Upper
57 100
41 112.1 72.8 109.2#
43 1879.4 177.0 265.6#
56 57.8 43.3 64.9



#29
Chloroform
Concen: 0.179 ppbv
RT: 5.76 min Scan# 926
Delta R.T. 0.01 min
Lab File: VL038268.D
Acq: 24 Jan 2022 20:29

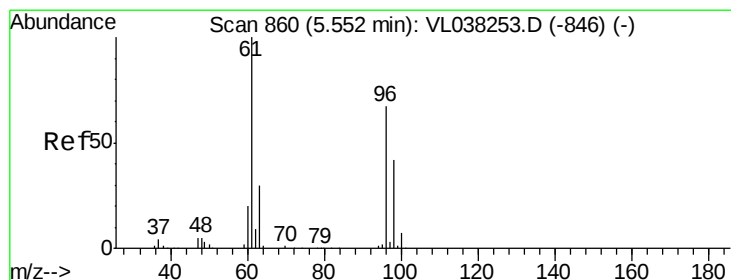
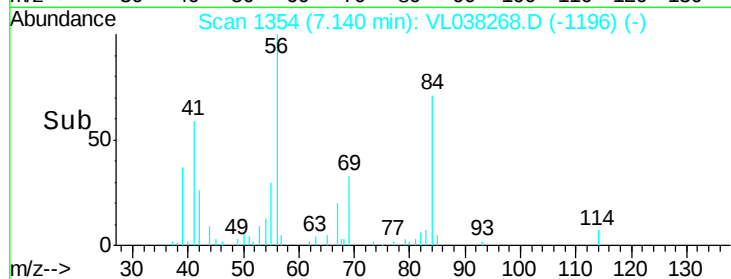
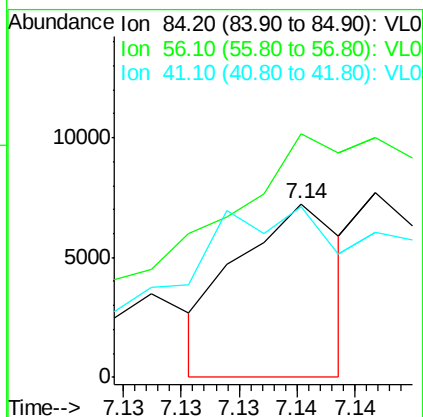
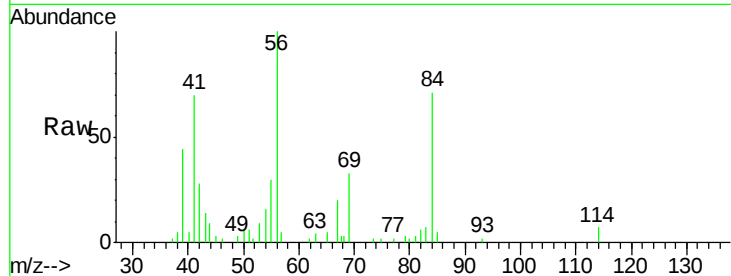
Tgt Ion: 83 Resp: 26748
Ion Ratio Lower Upper
83 100
85 61.6 51.9 77.9





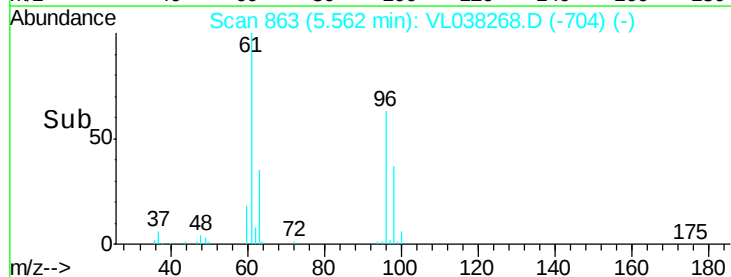
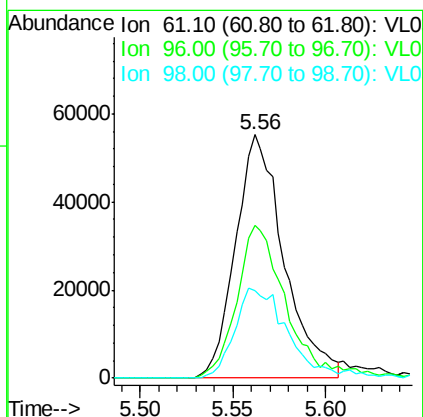
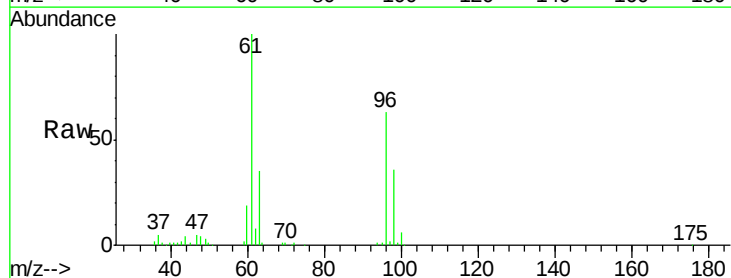
#30
Cyclohexane
Concen: 0.057 ppbv
RT: 7.14
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Jan 2022 20:29

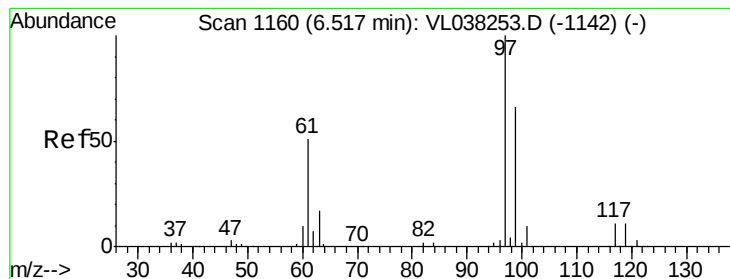
Tgt Ion: 84 Resp: 4526
Ion Ratio Lower Upper
84 100
56 0.0 112.7 169.1#
41 341.0 71.1 106.7#



#31
cis-1,2-Dichloroethene
Concen: 1.257 ppbv
RT: 5.56 min Scan# 863
Delta R.T. 0.01 min
Lab File: VL038268.D
Acq: 24 Jan 2022 20:29

Tgt Ion: 61 Resp: 100621
Ion Ratio Lower Upper
61 100
96 62.6 53.3 79.9
98 36.1 33.7 50.5





#32

1,1,1-Trichloroethane

Concen: 0.077 ppbv

RT: 6.52 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Jan 2022 20:29 SVE-INFLUENT

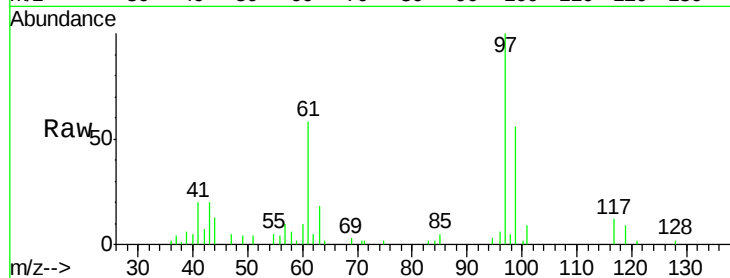
Tgt Ion: 97 Resp: 11453

Ion Ratio Lower Upper

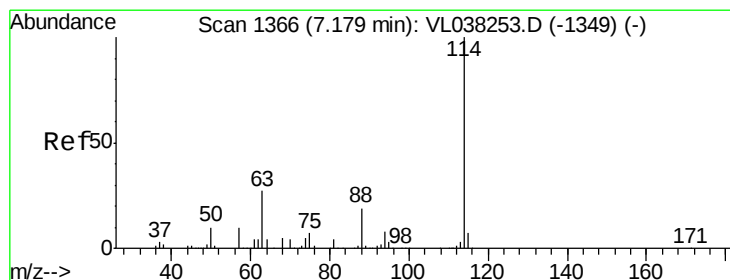
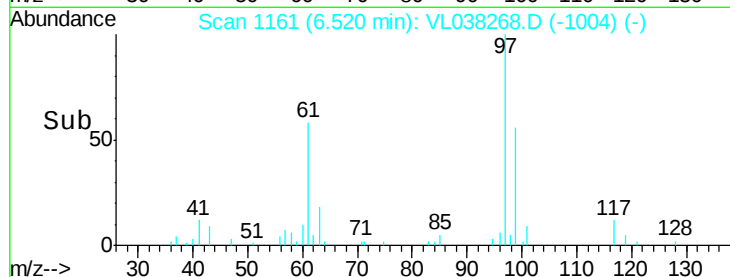
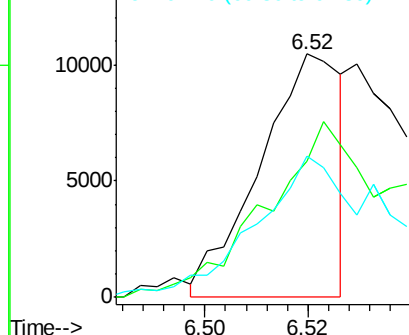
97 100

99 122.0 51.5 77.3#

61 107.3 40.5 60.7#



Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 99.00 (98.70 to 99.70): VL0
Ion 61.10 (60.80 to 61.80): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 min Scan# 1368

Delta R.T. 0.01 min

Lab File: VL038268.D

Acq: 24 Jan 2022 20:29

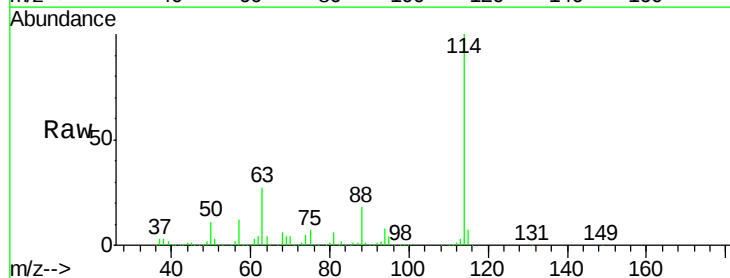
Tgt Ion: 114 Resp: 1984987

Ion Ratio Lower Upper

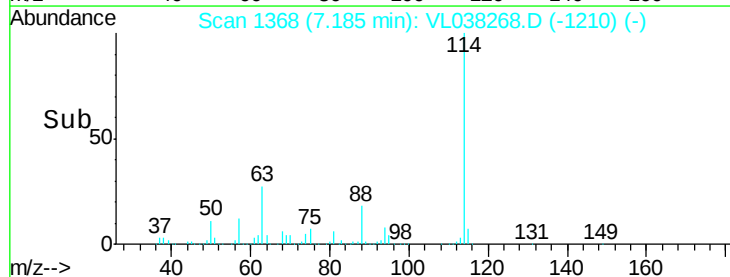
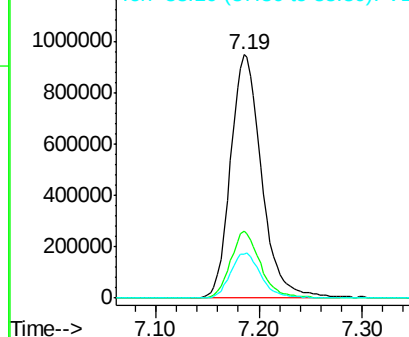
114 100

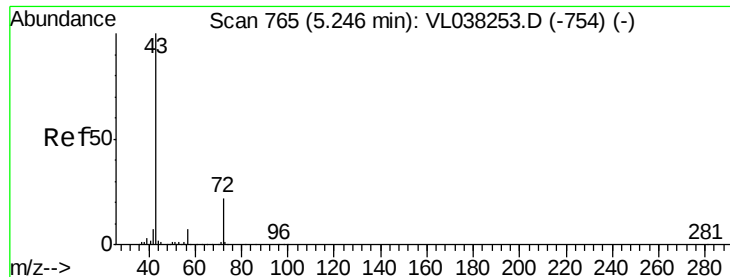
63 26.8 22.0 33.0

88 18.6 15.0 22.6



Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0





#34

2-Butanone

Concen: 10.187 ppbv

RT: 5.25 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

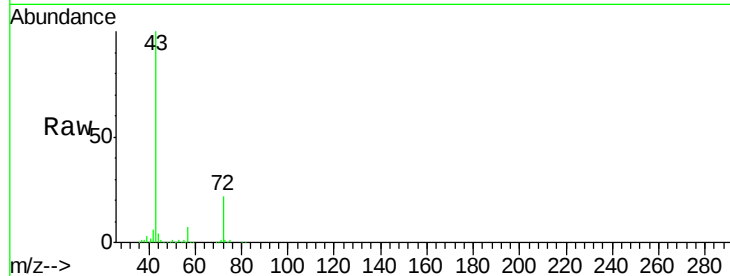
Acq: 24 Jan 2022 20:29 SVE-INFLUENT

Tgt Ion: 43 Resp: 661271

Ion Ratio Lower Upper

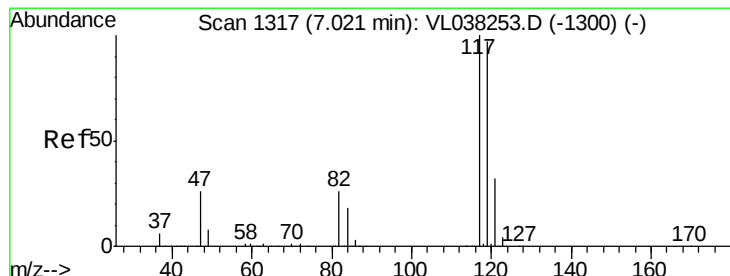
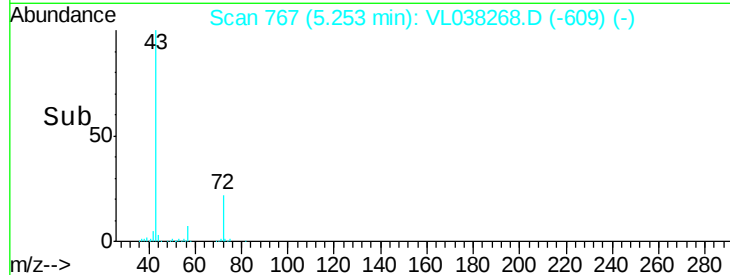
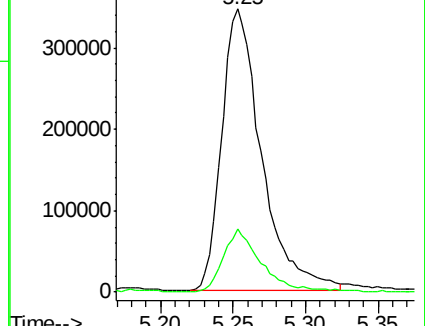
43 100

72 21.7 18.1 27.1



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0



#35

Carbon Tetrachloride

Concen: 0.111 ppbv

RT: 7.03 min Scan# 1321

Delta R.T. 0.01 min

Lab File: VL038268.D

Acq: 24 Jan 2022 20:29

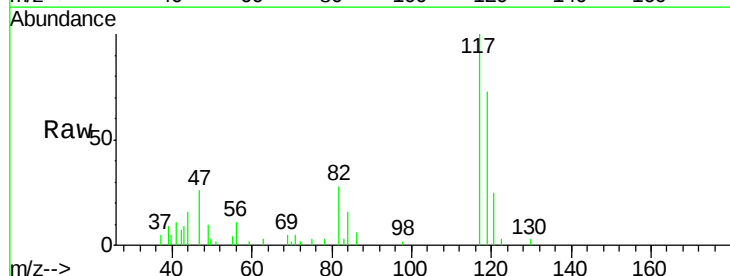
Tgt Ion: 117 Resp: 15452

Ion Ratio Lower Upper

117 100

119 72.7 77.9 116.9#

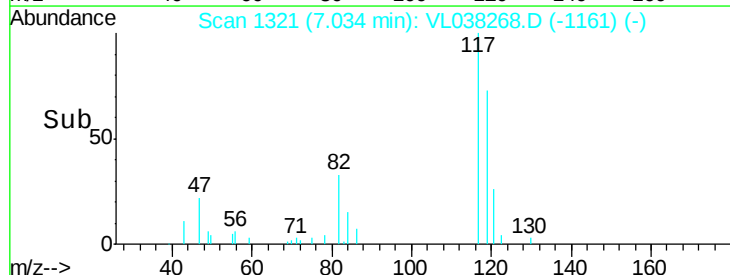
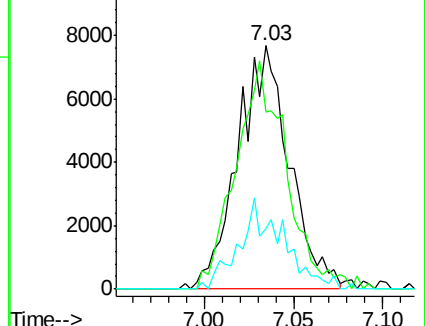
121 24.7 25.4 38.2#

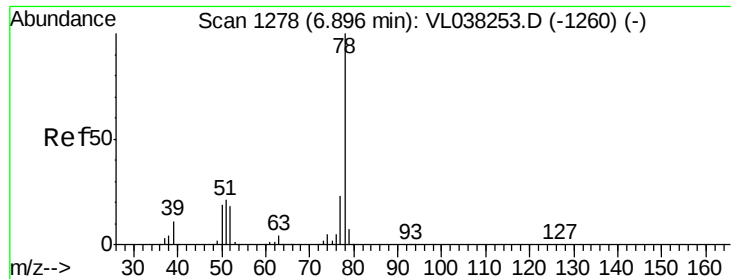


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

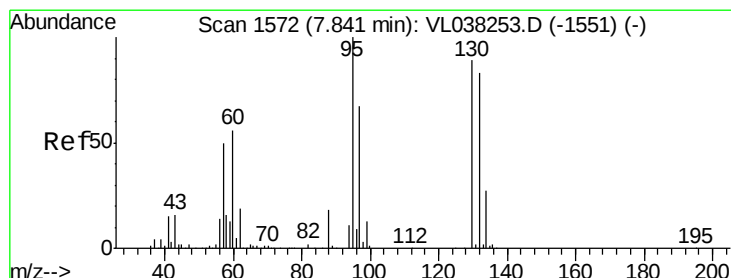
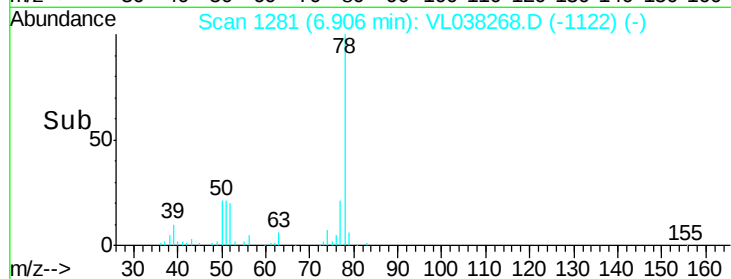
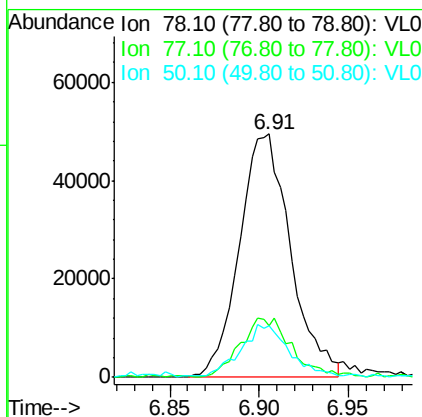
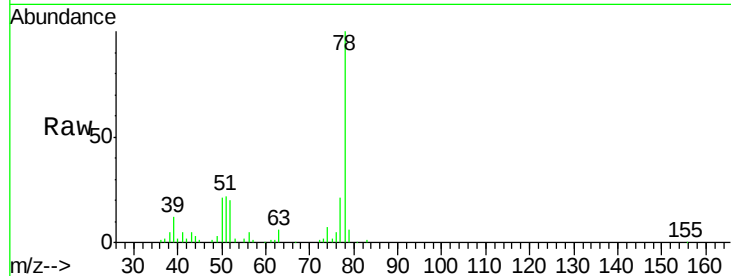
Ion 121.00 (120.70 to 121.70): V





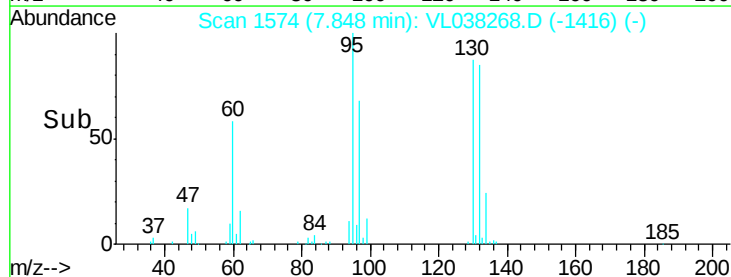
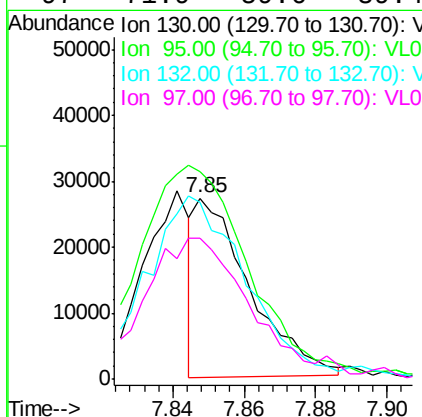
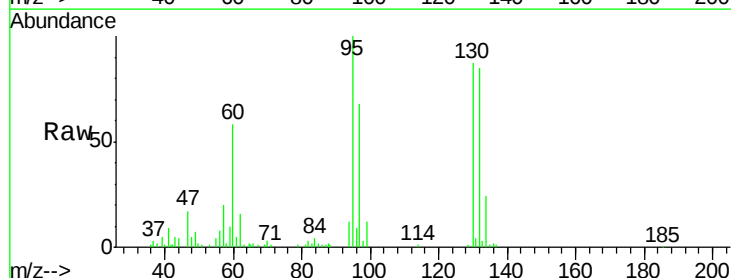
#36
Benzene
Concen: 0.565 ppbv
RT: 6.91
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Jan 2022 20:29 SVE-INFLUENT

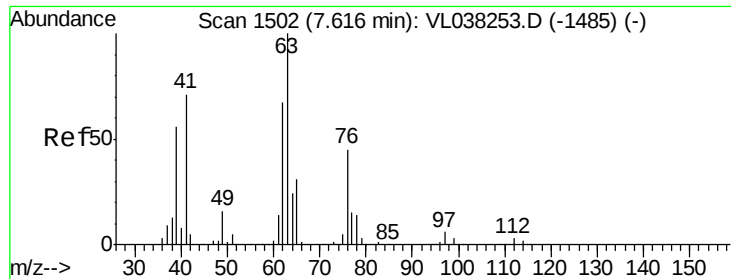
Tgt Ion: 78 Resp: 99154
Ion Ratio Lower Upper
78 100
77 20.5 18.2 27.2
50 20.8 15.1 22.7



#38
Trichloroethene
Concen: 0.438 ppbv
RT: 7.85 min Scan# 1574
Delta R.T. 0.01 min
Lab File: VL038268.D
Acq: 24 Jan 2022 20:29

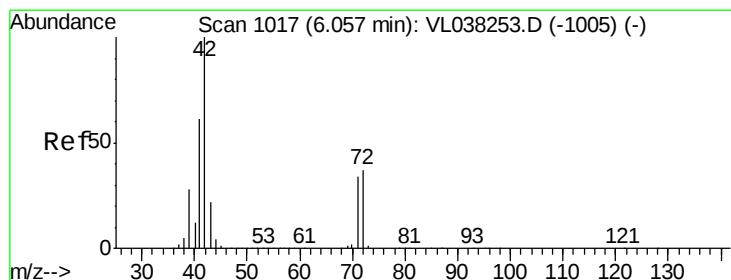
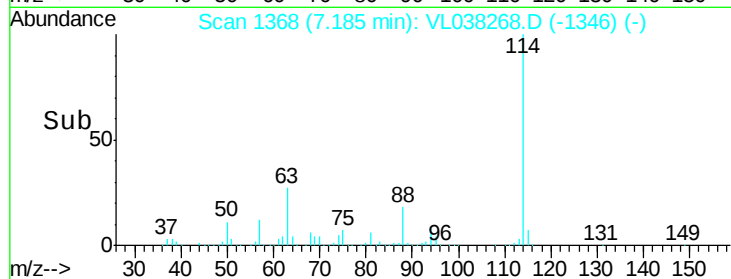
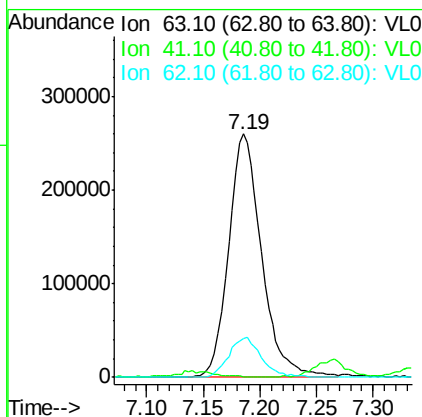
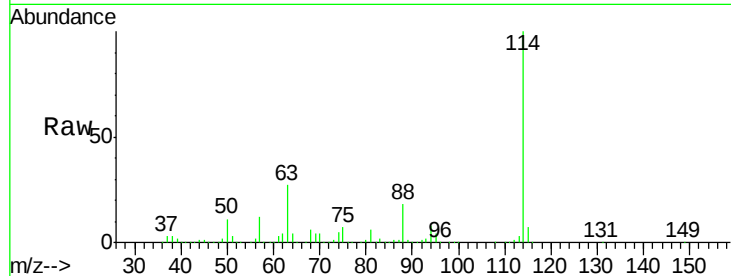
Tgt Ion: 130 Resp: 28654
Ion Ratio Lower Upper
130 100
95 109.2 89.4 134.2
132 95.6 74.6 111.8
97 71.9 59.6 89.4





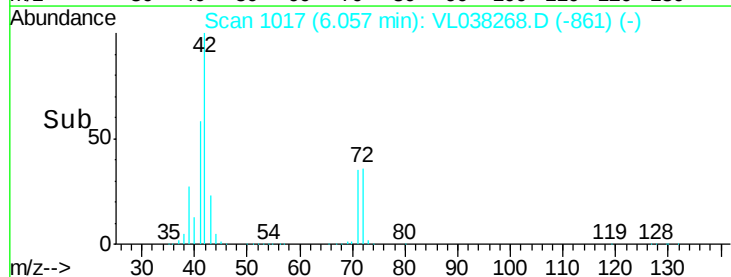
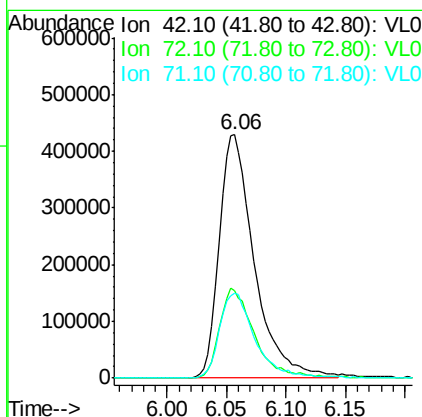
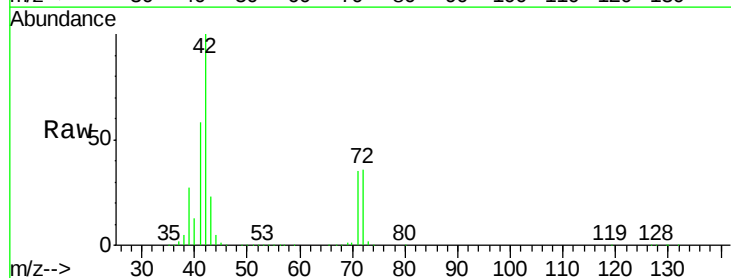
#39
 1,2-Dichloropropane
 Concen: 7.409 ppbv
 RT: 7.19
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 24 Jan 2022 20:29 SVE-INFLUENT

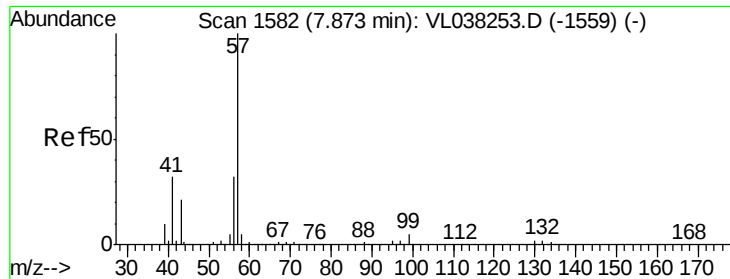
Tgt Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.6	85.0#
62	15.8	53.9	80.9#



#41
 Tetrahydrofuran
 Concen: 20.055 ppbv
 RT: 6.06 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: VL038268.D
 Acq: 24 Jan 2022 20:29

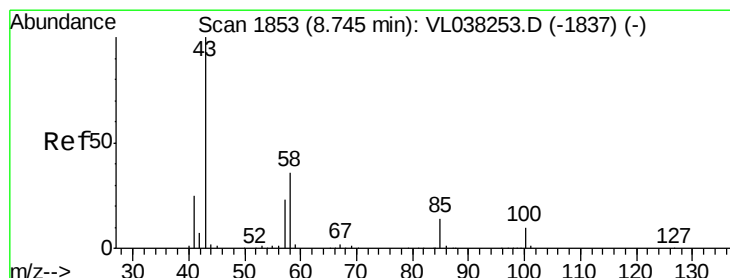
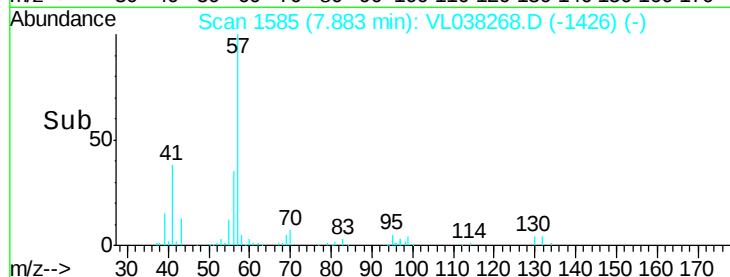
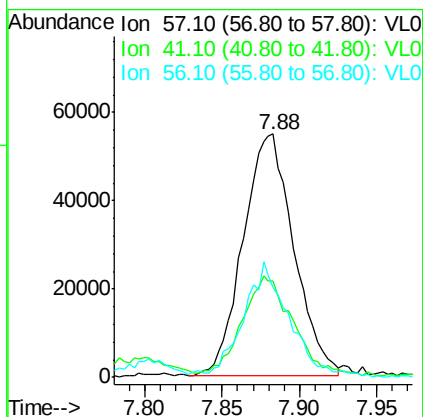
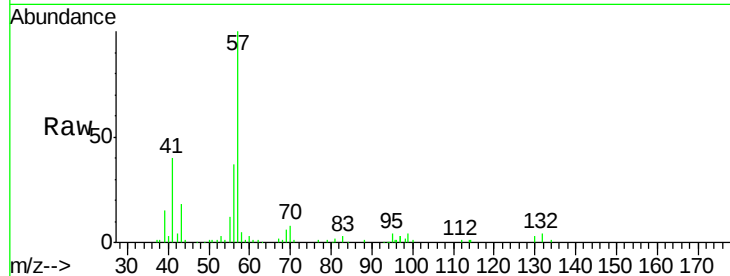
Tgt Ion	Ratio	Lower	Upper
42	100		
72	37.0	29.7	44.5
71	35.8	29.4	44.2





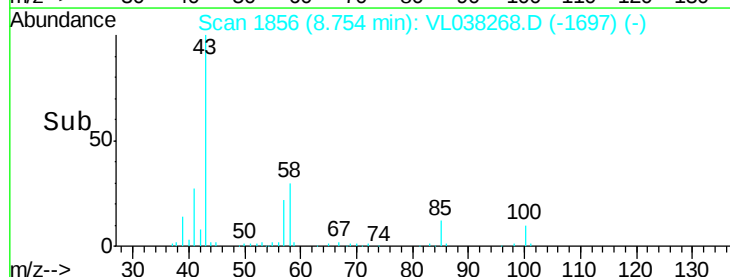
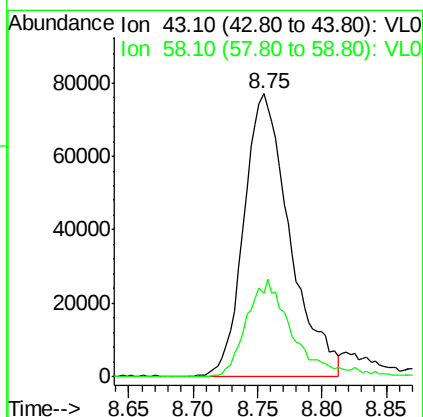
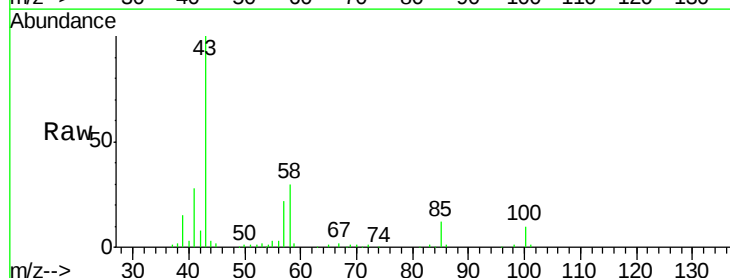
#44
 2,2,4-Trimethylpentane
 Concen: 0.405 ppbv
 RT: 7.88
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 SVE-INFLUENT
 Acq: 24 Jan 2022 20:29

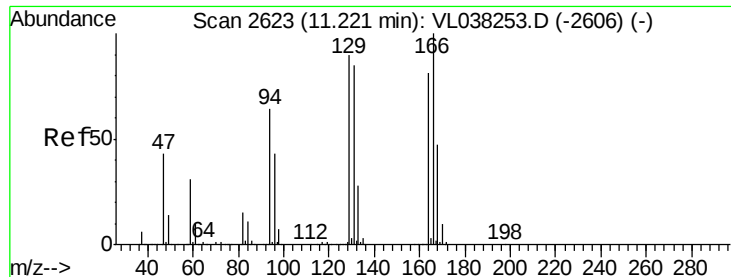
Tgt Ion: 57 Resp: 125352
 Ion Ratio Lower Upper
 57 100
 41 41.3 26.3 39.5#
 56 43.7 25.2 37.8#



#50
 4-Methyl-2-Pentanone
 Concen: 1.643 ppbv
 RT: 8.75 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: VL038268.D
 Acq: 24 Jan 2022 20:29

Tgt Ion: 43 Resp: 190285
 Ion Ratio Lower Upper
 43 100
 58 35.2 28.2 42.4





#52

Tetrachloroethene

Concen: 1.719 ppbv

RT: 11.23

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 24 Jan 2022 20:29

Tgt Ion:164 Resp: 104004

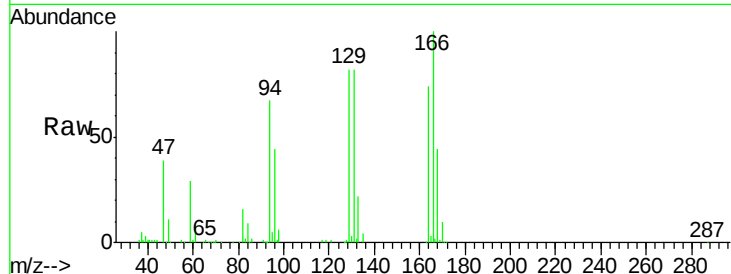
Ion Ratio Lower Upper

164 100

166 134.7 98.8 148.2

129 109.8 89.2 133.8

131 109.6 83.6 125.4

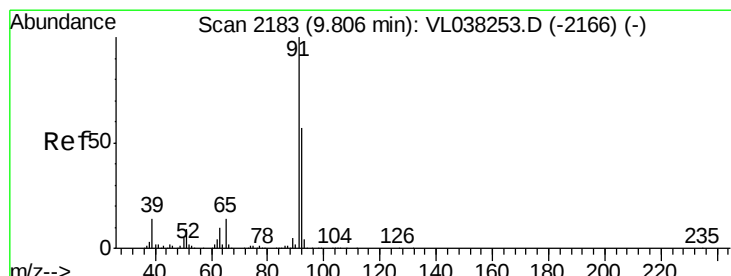
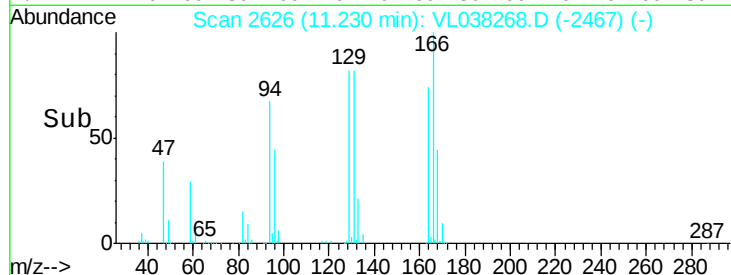
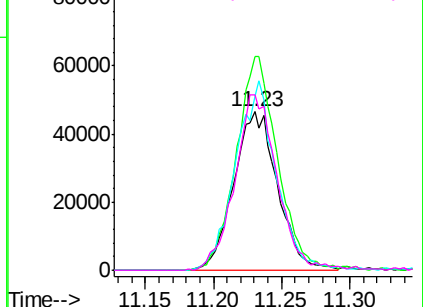


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#53

Toluene

Concen: 24.604 ppbv

RT: 9.81 min Scan# 2185

Delta R.T. 0.01 min

Lab File: VL038268.D

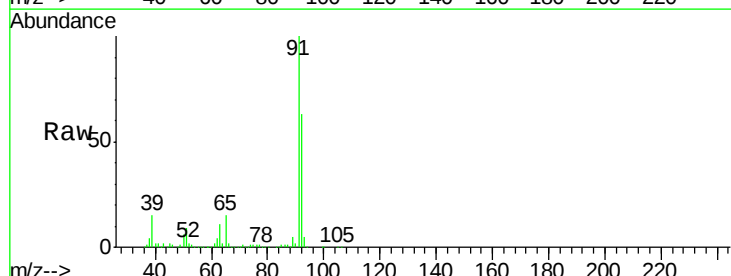
Acq: 24 Jan 2022 20:29

Tgt Ion: 91 Resp: 4781536

Ion Ratio Lower Upper

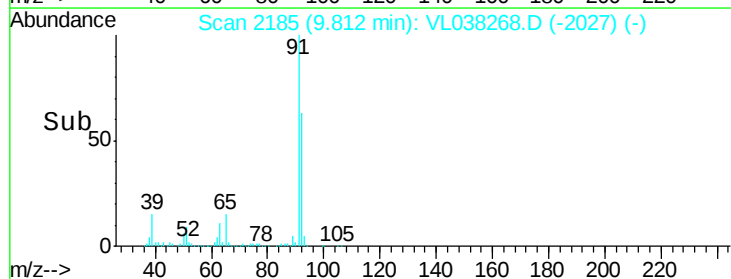
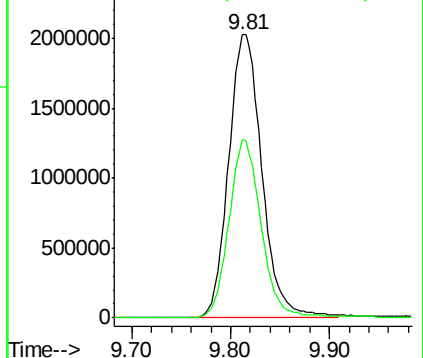
91 100

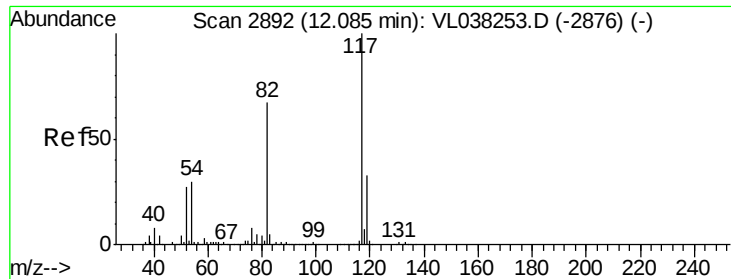
92 61.9 47.4 71.0



Abundance Ion 91.10 (90.80 to 91.80): VL0

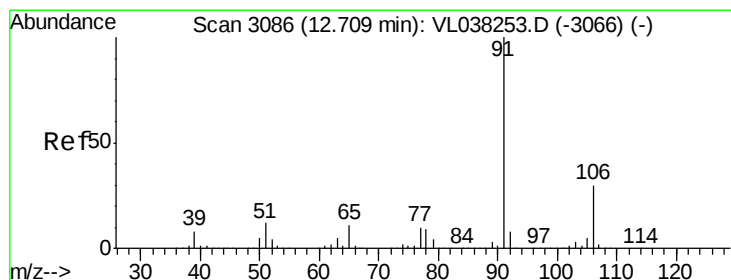
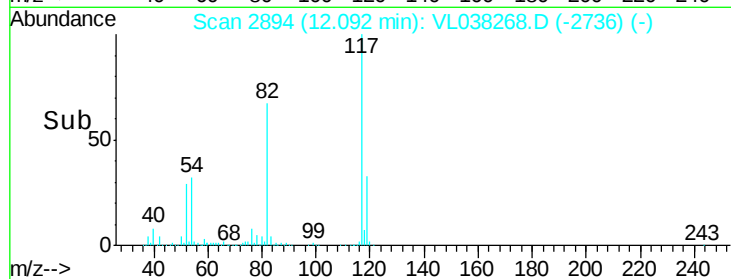
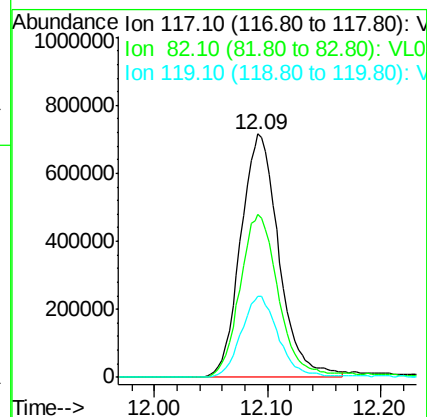
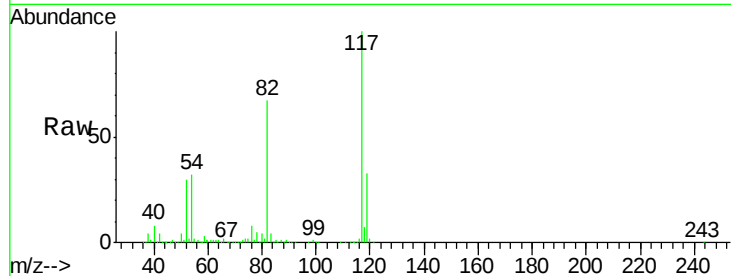
Ion 92.10 (91.80 to 92.80): VL0





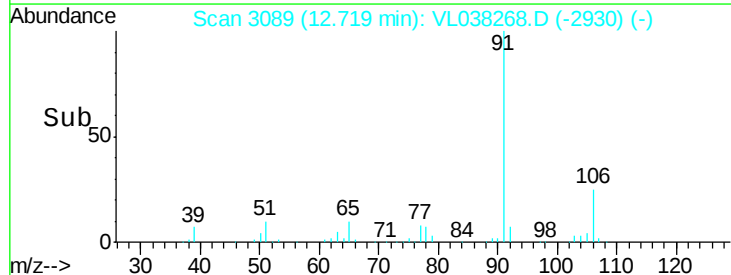
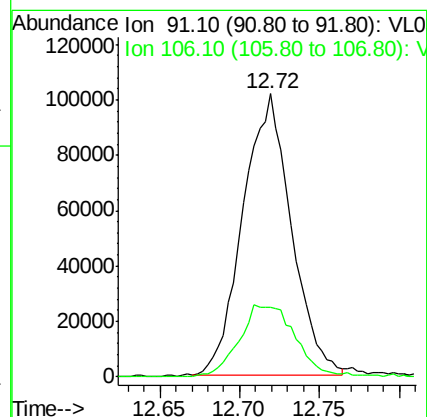
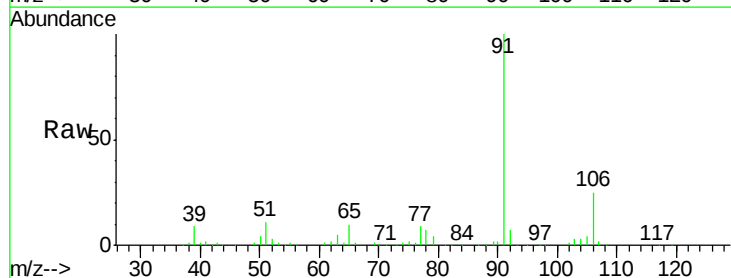
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 24 Jan 2022 20:29 SVE-INFLUENT

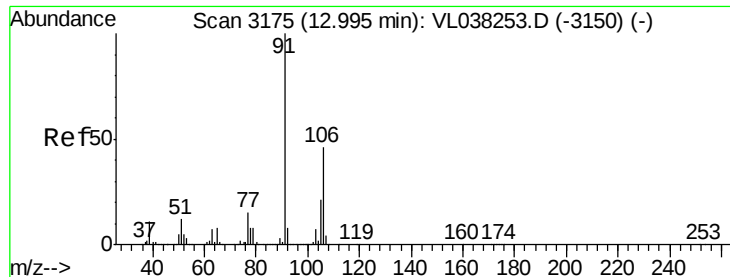
Tgt Ion: 117 Resp: 1686561
Ion Ratio Lower Upper
117 100
82 69.7 54.4 81.6
119 33.5 45.9 68.9#



#58
Ethyl Benzene
Concen: 0.844 ppbv
RT: 12.72 min Scan# 3089
Delta R.T.: 0.01 min
Lab File: VL038268.D
Acq: 24 Jan 2022 20:29

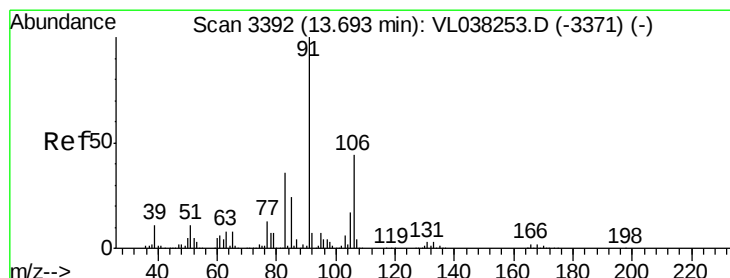
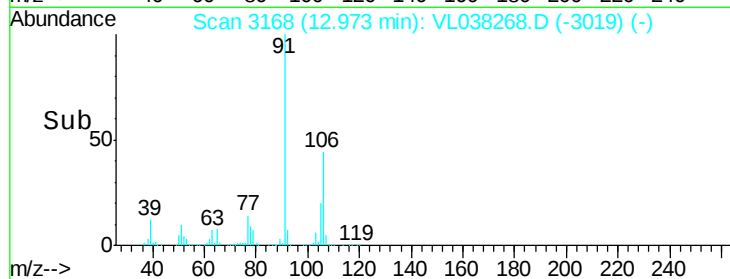
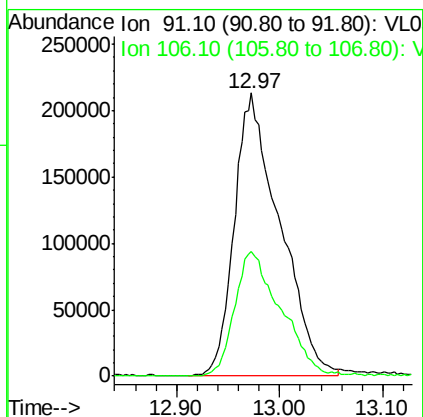
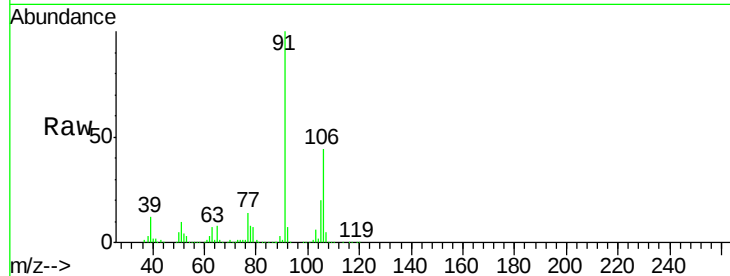
Tgt Ion: 91 Resp: 209117
Ion Ratio Lower Upper
91 100
106 24.8 24.1 36.1





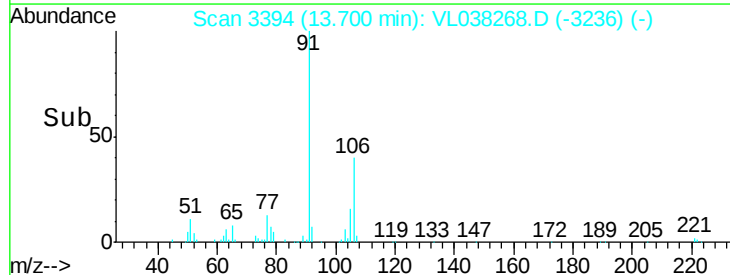
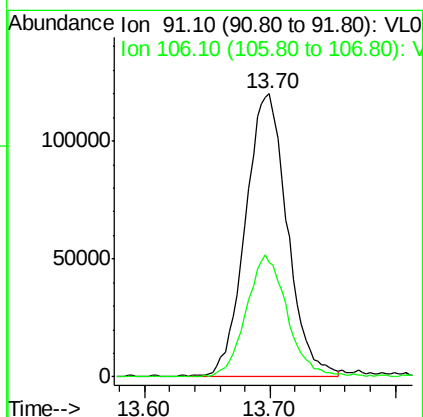
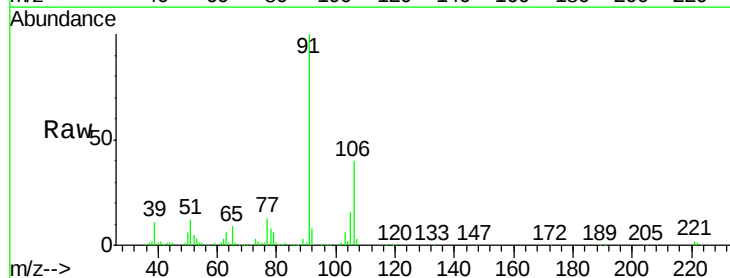
#59
m/p-Xylene
Concen: 3.073 ppbv
RT: 12.97 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
SVE-INFLUENT
Acq: 24 Jan 2022 20:29

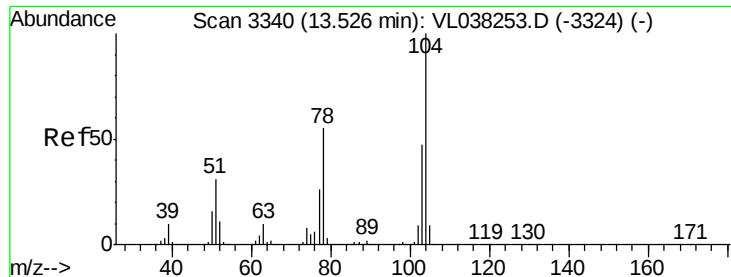
Tgt Ion: 91 Resp: 649808
Ion Ratio Lower Upper
91 100
106 45.2 34.8 52.2



#60
o-Xylene
Concen: 1.400 ppbv
RT: 13.70 min Scan# 3394
Delta R.T.: 0.01 min
Lab File: VL038268.D
Acq: 24 Jan 2022 20:29

Tgt Ion: 91 Resp: 275398
Ion Ratio Lower Upper
91 100
106 43.2 22.2 66.6





#61

Styrene

Concen: 0.032 ppbv

RT: 13.54

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Jan 2022 20:29 SVE-INFLUENT

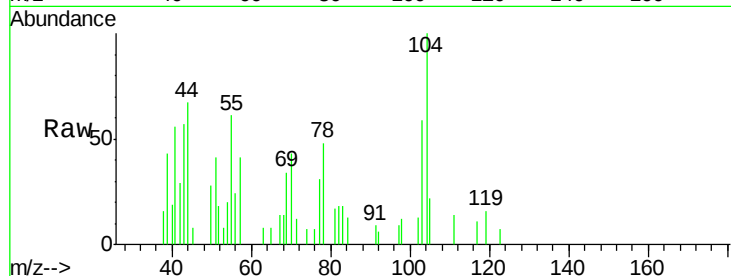
Tgt Ion:104 Resp: 2976

Ion Ratio Lower Upper

104 100

78 0.0 44.2 66.4#

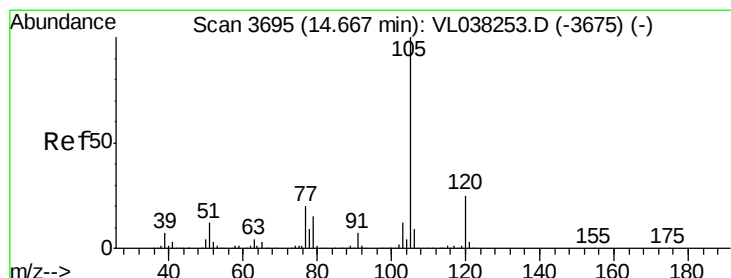
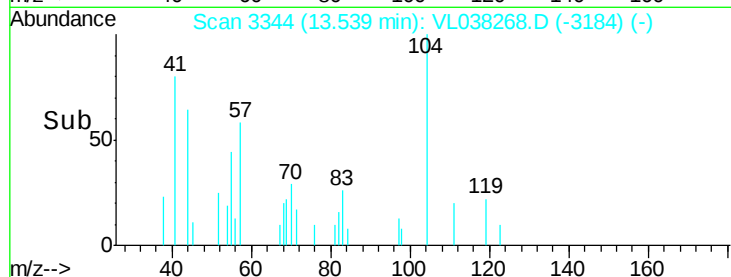
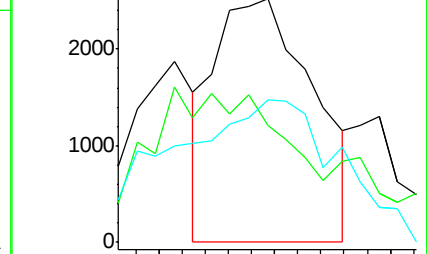
103 104.8 38.2 57.4#



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): V

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 0.044 ppbv

RT: 14.67 min Scan# 3697

Delta R.T. 0.01 min

Lab File: VL038268.D

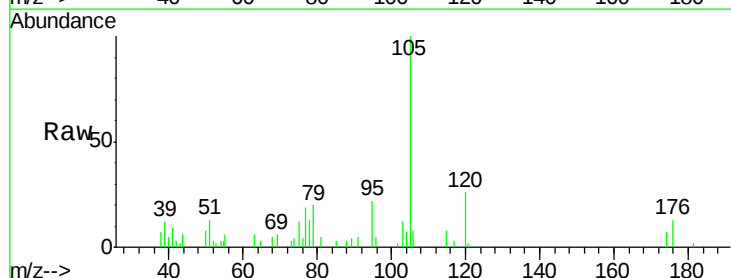
Acq: 24 Jan 2022 20:29

Tgt Ion:105 Resp: 11549

Ion Ratio Lower Upper

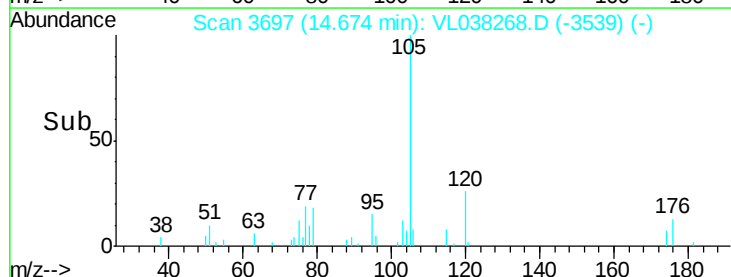
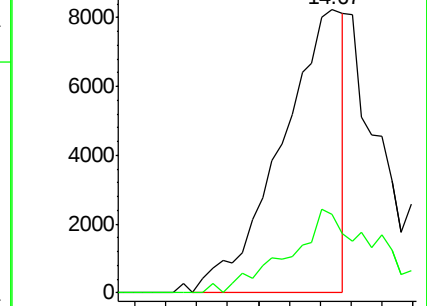
105 100

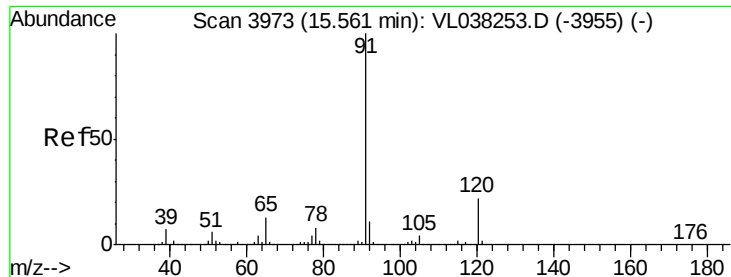
120 41.6 20.5 30.7#



Abundance Ion 105.10 (104.80 to 105.80): V

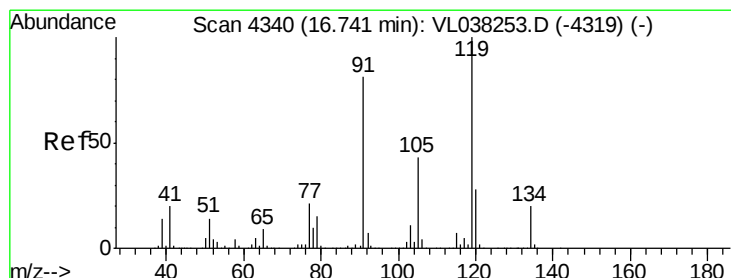
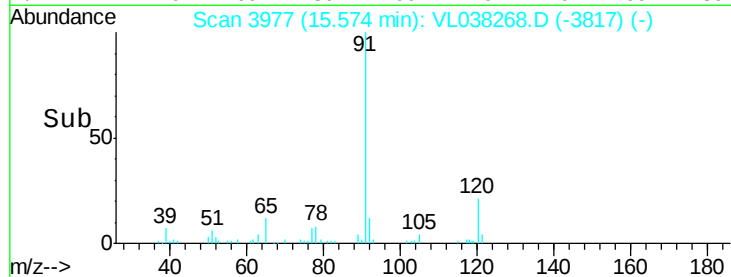
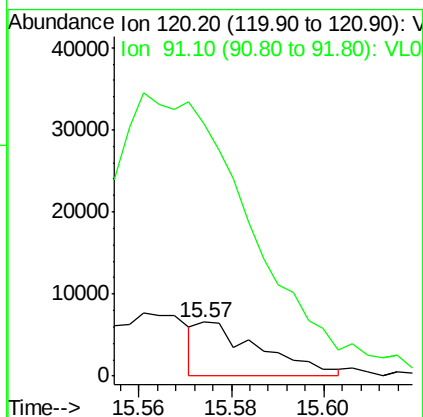
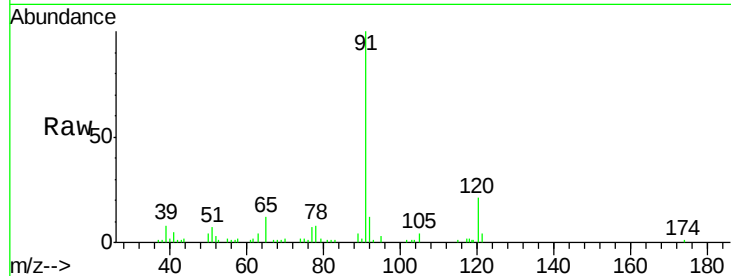
Ion 120.20 (119.90 to 120.90): V





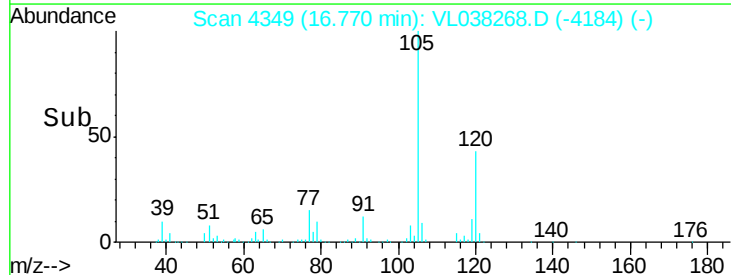
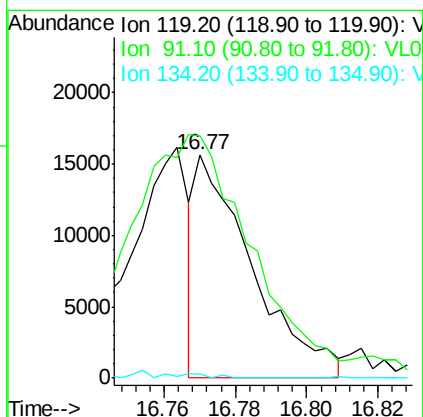
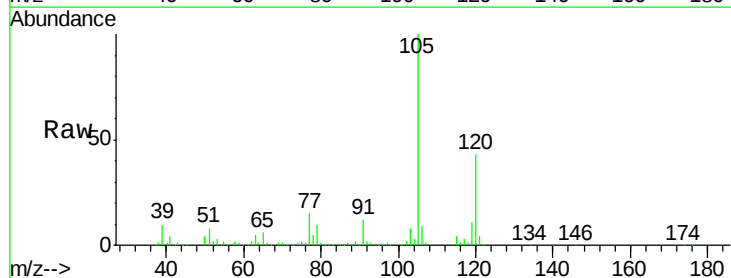
#64
n-propylbenzene
Concen: 0.098 ppbv
RT: 15.57 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
SVE-INFLUENT
Acq: 24 Jan 2022 20:29

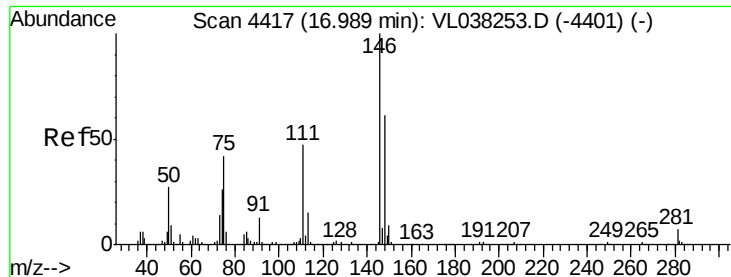
Tgt Ion:120 Resp: 6194
Ion Ratio Lower Upper
120 100
91 0.0 390.8 586.2#



#65
tert-Butylbenzene
Concen: 0.080 ppbv
RT: 16.77 min Scan# 4349
Delta R.T. 0.03 min
Lab File: VL038268.D
Acq: 24 Jan 2022 20:29

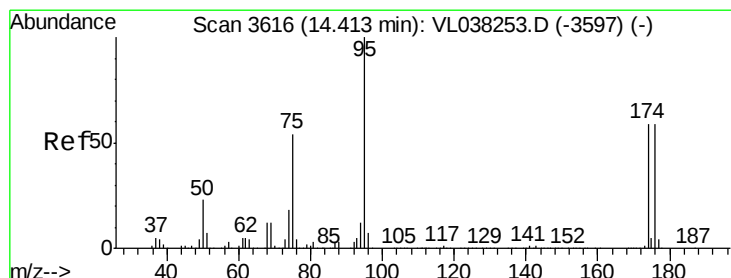
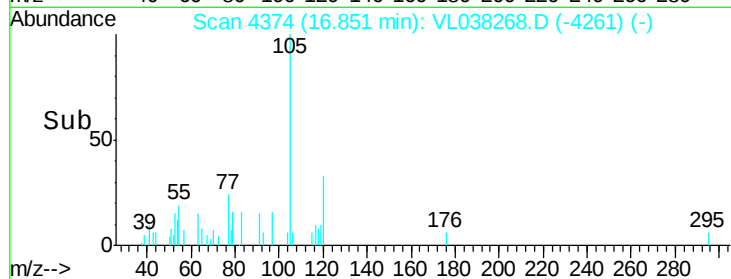
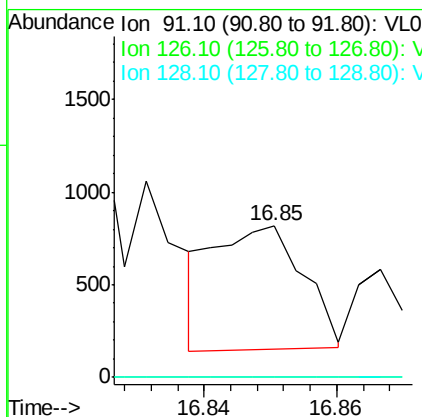
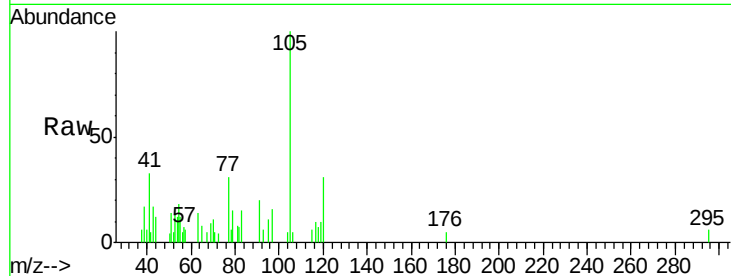
Tgt Ion:119 Resp: 17217
Ion Ratio Lower Upper
119 100
91 250.7 66.6 100.0#
134 0.0 15.8 23.6#





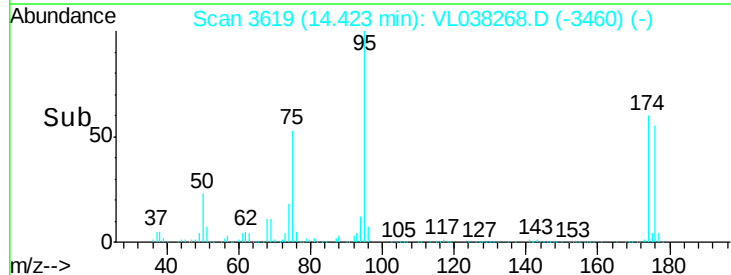
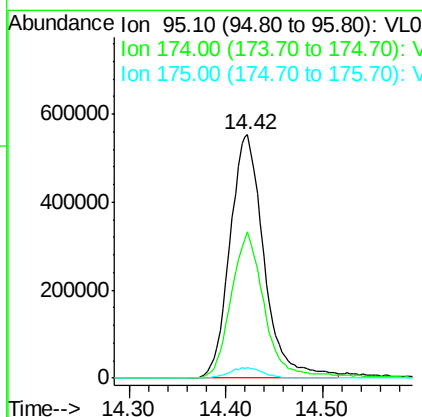
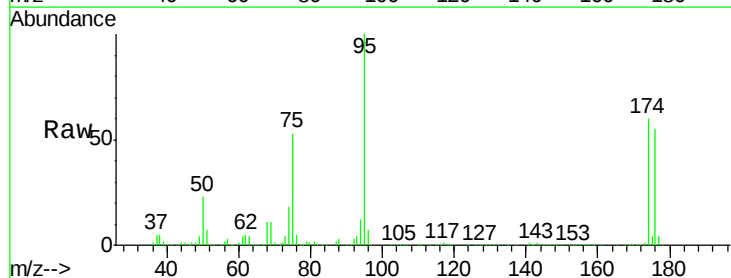
#66
Benzyl Chloride
Concen: 0.064 ppbv
RT: 16.85
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Jan 2022 20:29

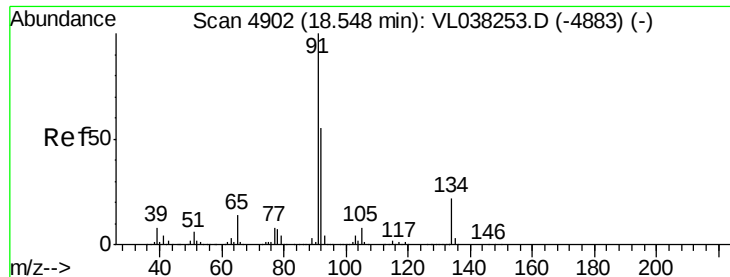
Tgt Ion: 91 Resp: 627
Ion Ratio Lower Upper
91 100
126 117.2 12.6 18.8#
128 0.0 4.3 6.5#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.572 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. 0.01 min
Lab File: VL038268.D
Acq: 24 Jan 2022 20:29

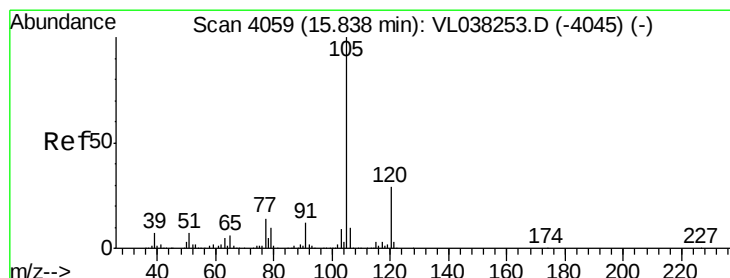
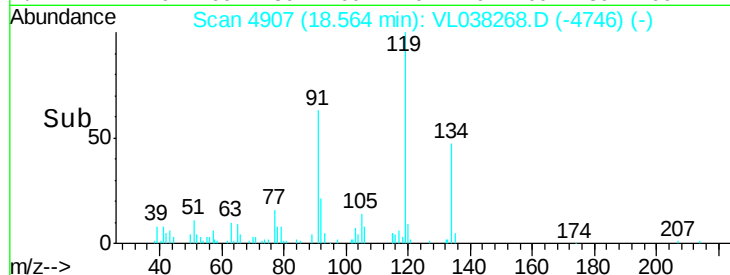
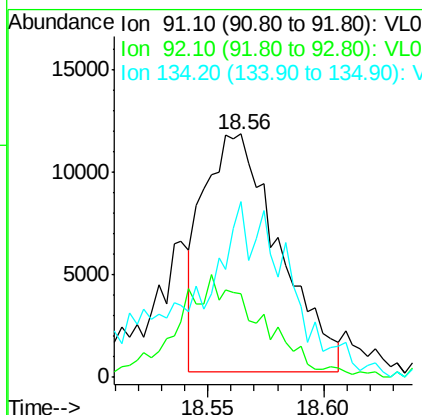
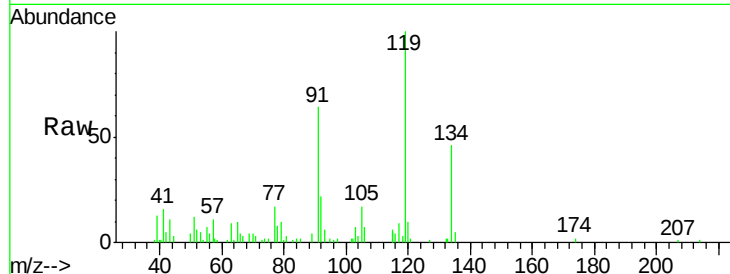
Tgt Ion: 95 Resp: 1353318
Ion Ratio Lower Upper
95 100
174 59.6 48.3 72.5
175 4.4 3.5 5.3





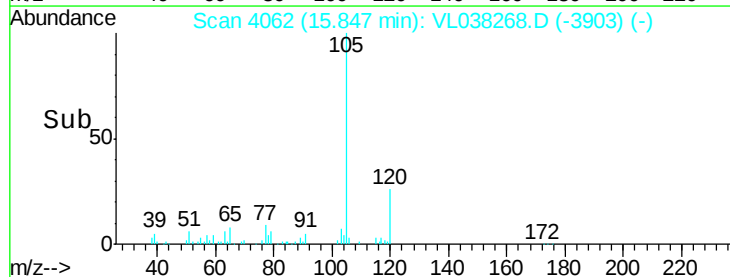
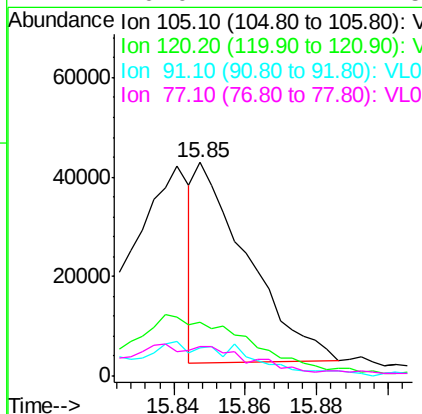
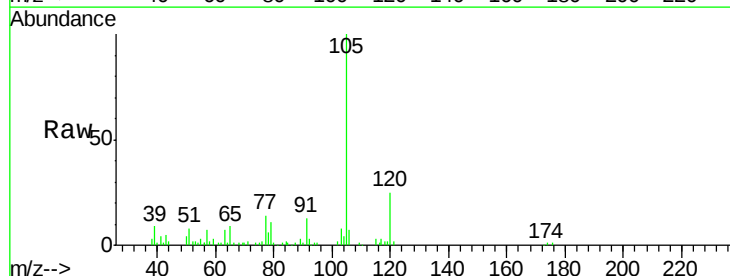
#70
 n-Butylbenzene
 Concen: 0.117 ppbv
 RT: 18.56 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 24 Jan 2022 20:29

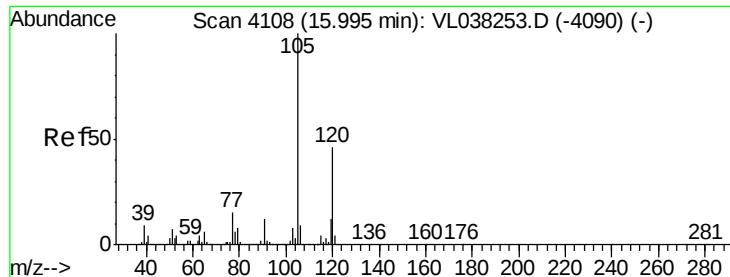
Tgt Ion: 91 Resp: 26434
 Ion Ratio Lower Upper
 91 100
 92 49.8 43.4 65.0
 134 101.8 17.3 25.9#



#72
 4-Ethyltoluene
 Concen: 0.198 ppbv
 RT: 15.85 min Scan# 4062
 Delta R.T. 0.01 min
 Lab File: VL038268.D
 Acq: 24 Jan 2022 20:29

Tgt Ion: 105 Resp: 40728
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.8 35.8#
 91 0.0 10.2 15.4#
 77 0.0 11.7 17.5#





#73

1,3,5-Trimethylbenzene

Concen: 0.210 ppbv

RT: 16.01 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

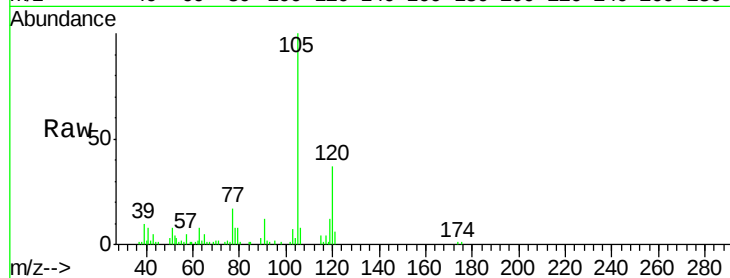
Acq: 24 Jan 2022 20:29

Tgt Ion:105 Resp: 38916

Ion Ratio Lower Upper

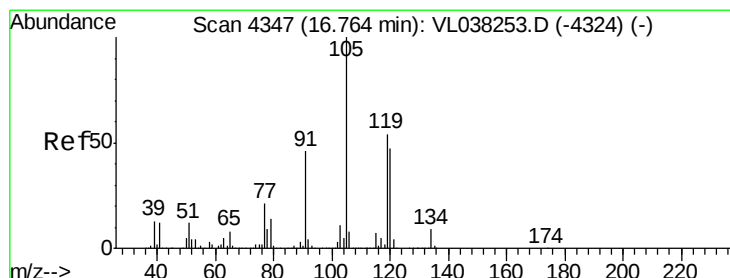
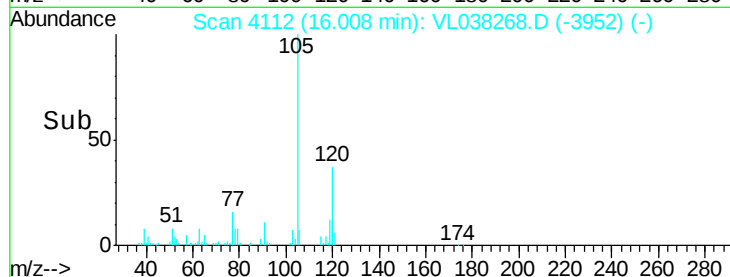
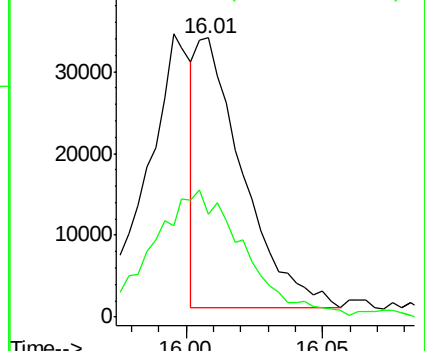
105 100

120 41.3 36.6 55.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 0.849 ppbv

RT: 16.77 min Scan# 4350

Delta R.T. 0.01 min

Lab File: VL038268.D

Acq: 24 Jan 2022 20:29

Tgt Ion:105 Resp: 165361

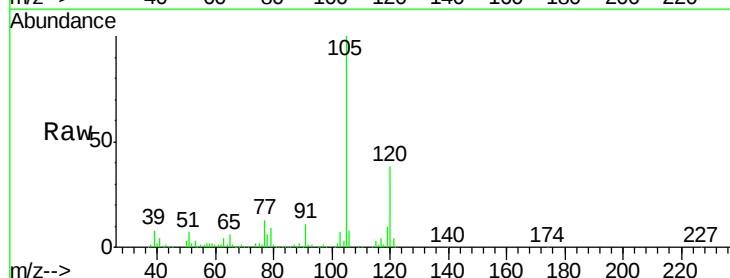
Ion Ratio Lower Upper

105 100

120 38.3 37.2 55.8

91 10.8 36.6 55.0#

77 12.9 16.9 25.3#

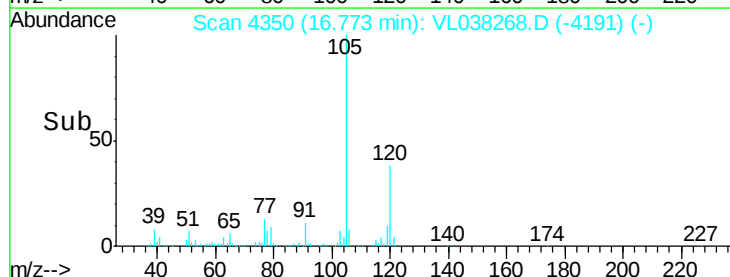
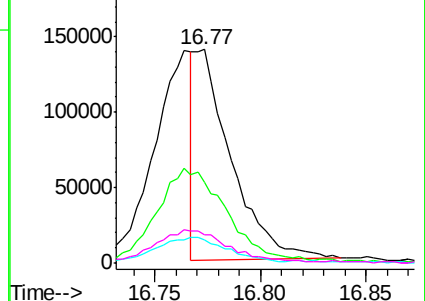


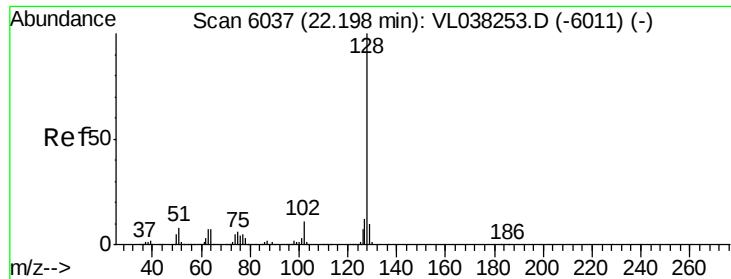
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

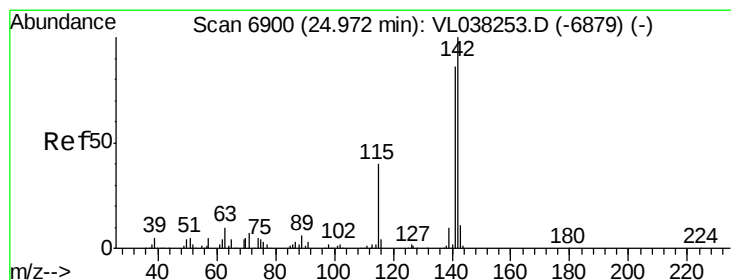
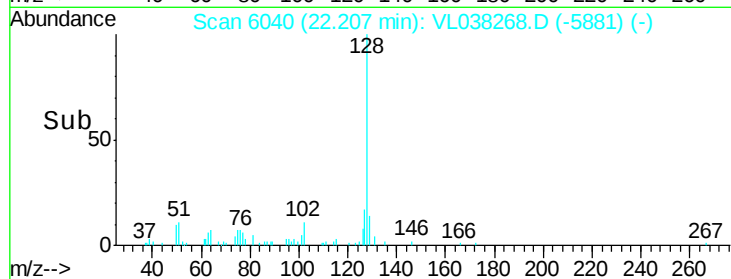
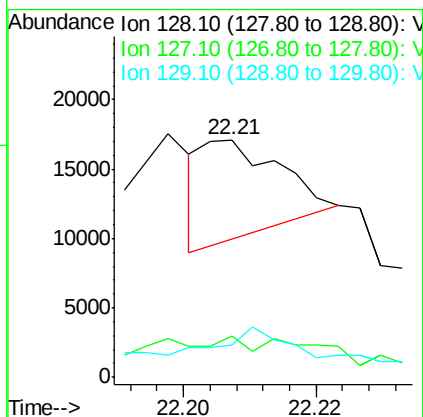
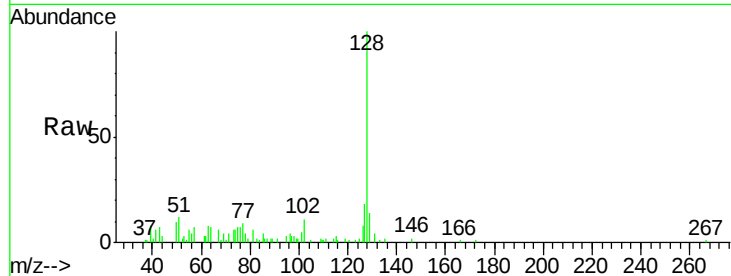
Ion 77.10 (76.80 to 77.80): VL0





#79
Naphthalene
Concen: 0.064 ppbv
RT: 22.21 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
Acq: 24 Jan 2022 20:29 SVE-INFLUENT

Tgt Ion:128 Resp: 5860
Ion Ratio Lower Upper
128 100
127 17.0 9.7 14.5#
129 17.3 8.1 12.1#



#80
Naphthalene, 2-methyl-
Concen: 0.507 ppbv
RT: 24.97 min Scan# 6900
Delta R.T. 0.00 min
Lab File: VL038268.D
Acq: 24 Jan 2022 20:29

Tgt Ion:142 Resp: 5020
Ion Ratio Lower Upper
142 100
141 93.9 70.2 105.4
115 87.5 31.8 47.6#

