

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012422\
 Data File : VL038267.D
 Acq On : 24 Jan 2022 19:49
 Operator : SY/AP
 Sample : N1211-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-EFFLUENTDL

Quant Time: Jan 24 22:05:36 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	811277	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2227663	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	1891953	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1405560	9.79	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.90%

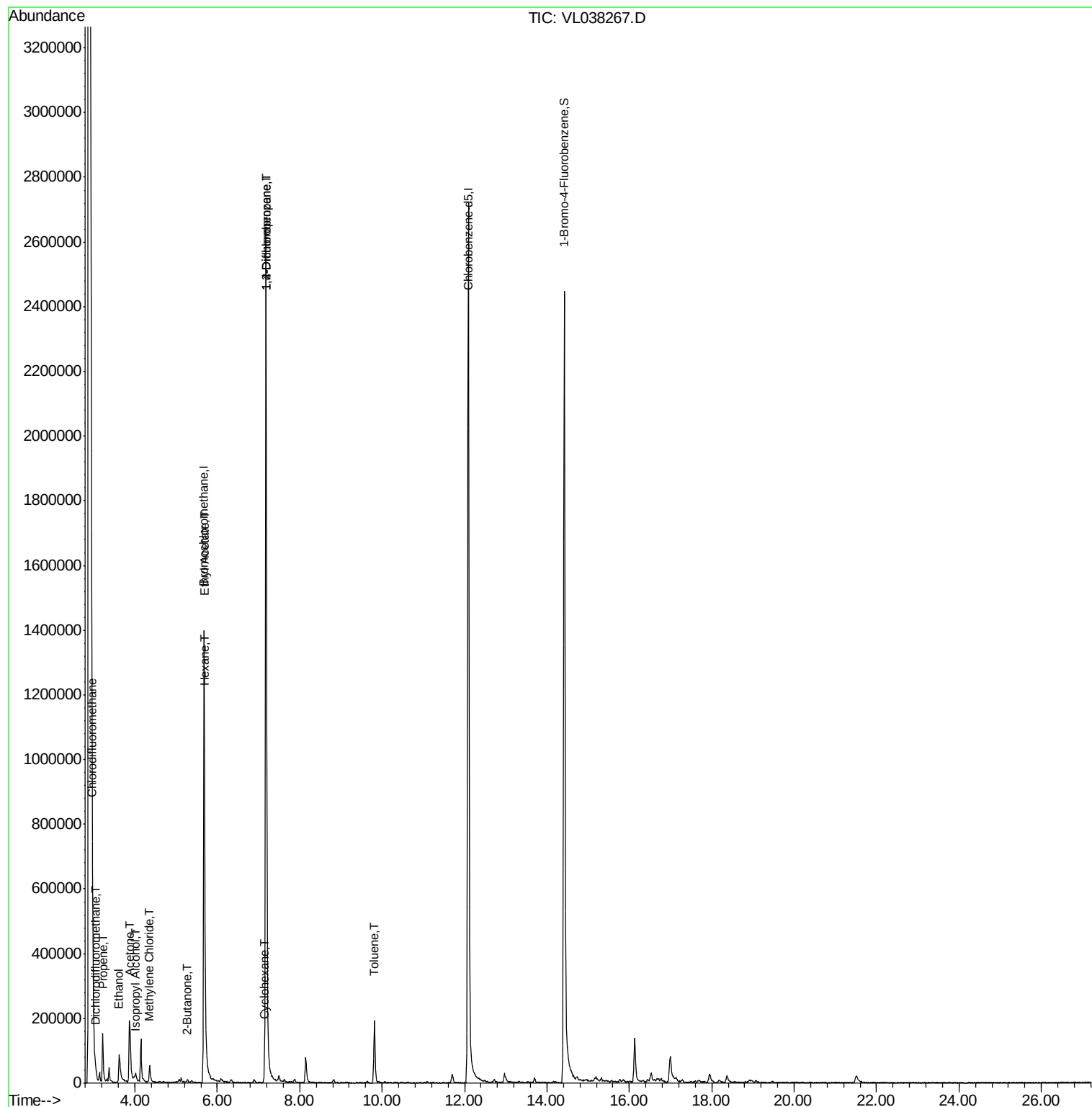
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.06	85	7619	0.044	ppbv	97
3) Chlorodifluoromethane	2.98	51	18641	0.115	ppbv #	69
9) Propene	3.22	41	55191	1.050	ppbv	99
13) Ethanol	3.62	45	121739	21.570	ppbv	89
15) Acetone	3.86	43	283089	3.958	ppbv	96
19) Isopropyl Alcohol	4.00	45	8003	0.179	ppbv #	91
20) Methylene Chloride	4.36	84	20381	0.490	ppbv	90
25) Ethyl Acetate	5.69	43	19413	0.097	ppbv #	89
26) Hexane	5.70	57	9796	0.105	ppbv #	86
30) Cyclohexane	7.14	84	2599	0.032	ppbv #	1
34) 2-Butanone	5.26	43	5228	0.072	ppbv #	53
39) 1,2-Dichloropropane	7.18	63	594620	7.443	ppbv #	26
53) Toluene	9.81	91	162320	0.744	ppbv	100

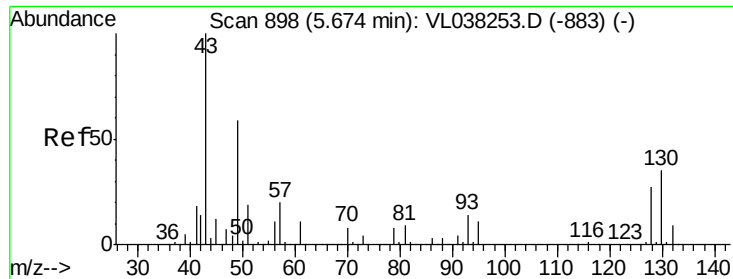
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL012422\
Data File : VL038267.D
Acq On : 24 Jan 2022 19:49
Operator : SY/AP
Sample : N1211-01DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDL

Quant Time: Jan 24 22:05:36 2022
Quant Method : Z:\V0ASRV\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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 24 Jan 2022 19:49

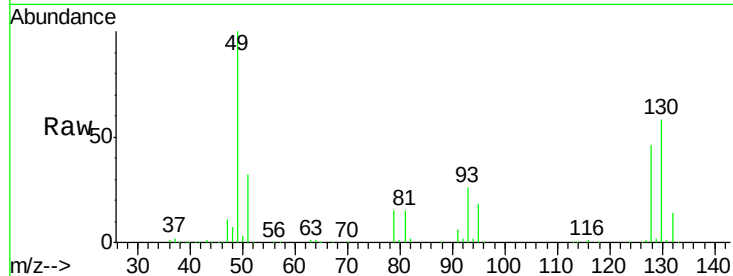
Tgt Ion: 49 Resp: 811277

Ion Ratio Lower Upper

49 100

128 48.7 24.5 73.5

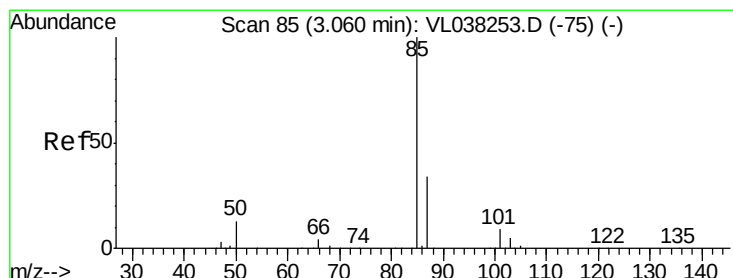
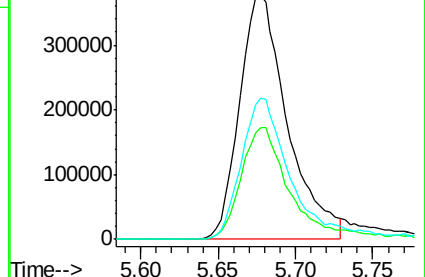
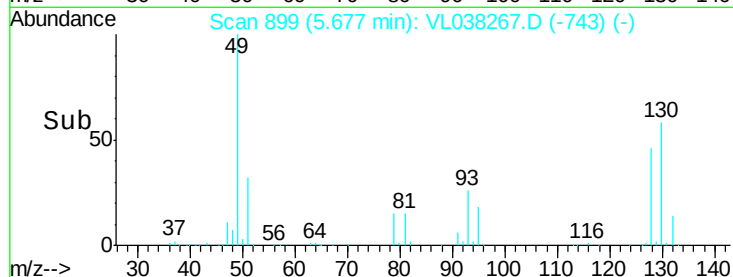
130 62.7 30.1 90.5



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: 0.044 ppbv

RT: 3.06 min Scan# 86

Delta R.T. 0.00 min

Lab File: VL038267.D

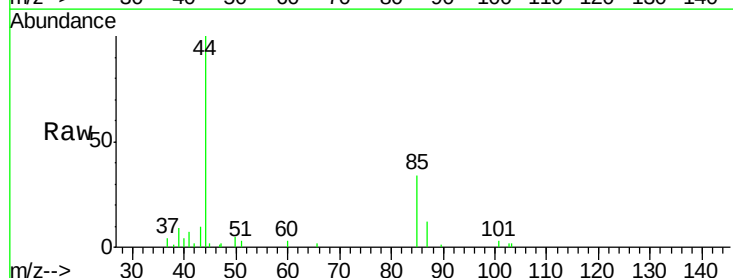
Acq: 24 Jan 2022 19:49

Tgt Ion: 85 Resp: 7619

Ion Ratio Lower Upper

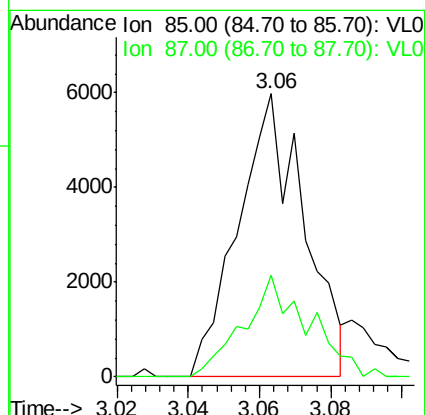
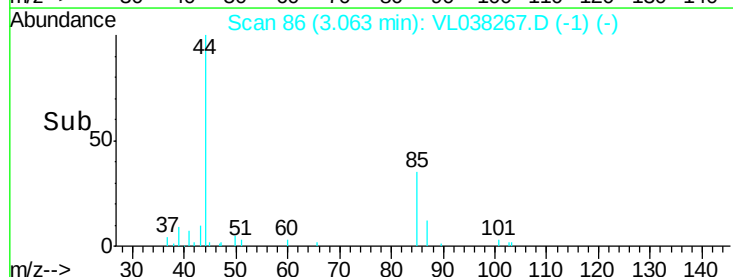
85 100

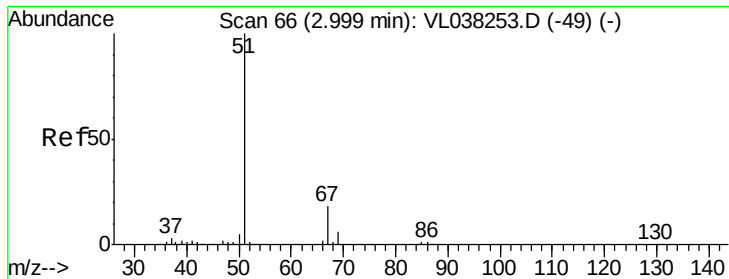
87 35.7 27.0 40.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.115 ppbv

RT: 2.98 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId: SVE-EFFLUENTDL

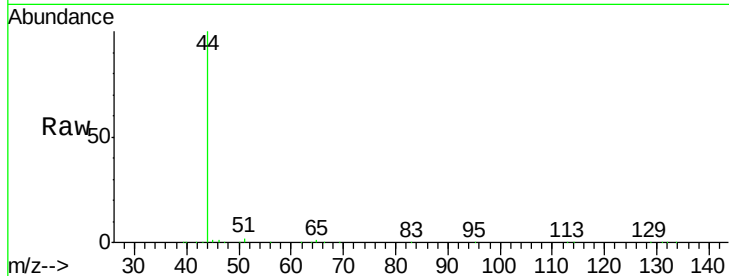
Acq: 24 Jan 2022 19:49

Tgt Ion: 51 Resp: 18641

Ion Ratio Lower Upper

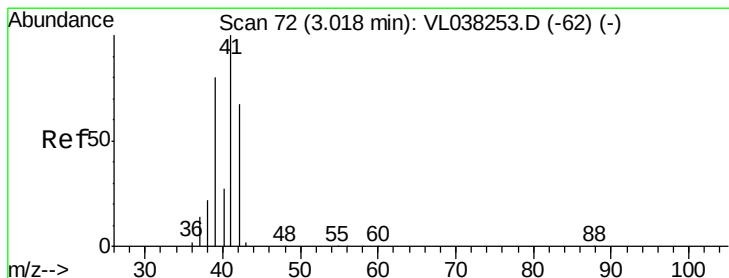
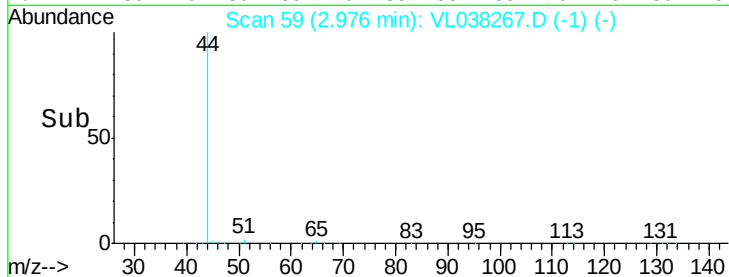
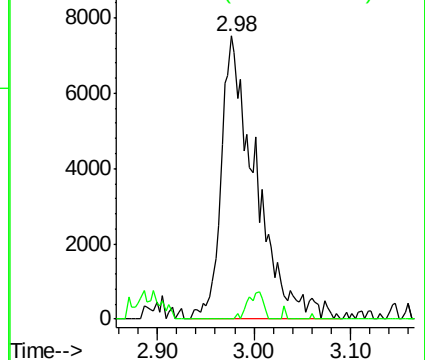
51 100

67 4.3 14.4 21.6#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#9

Propene

Concen: 1.050 ppbv

RT: 3.22 min Scan# 134

Delta R.T. 0.20 min

Lab File: VL038267.D

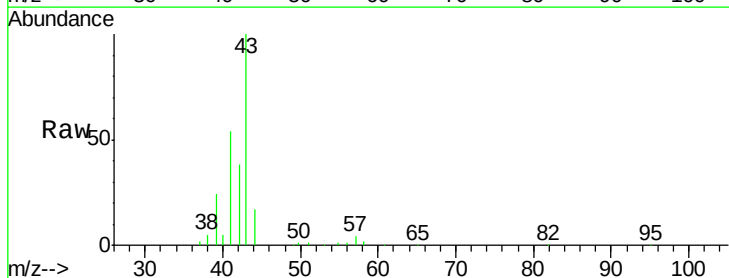
Acq: 24 Jan 2022 19:49

Tgt Ion: 41 Resp: 55191

Ion Ratio Lower Upper

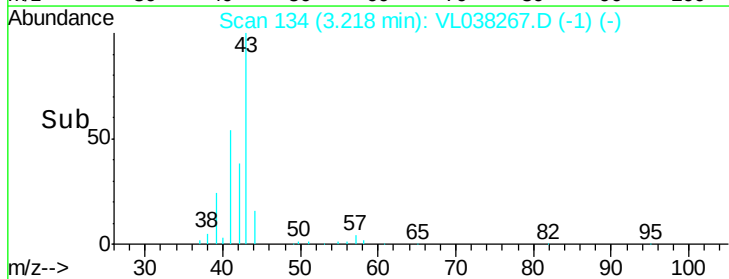
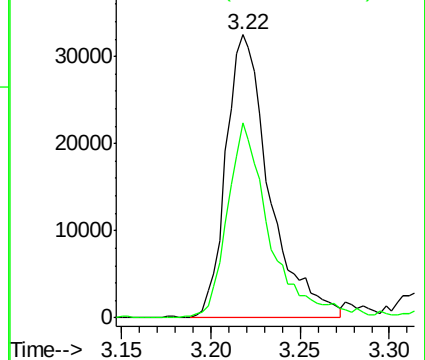
41 100

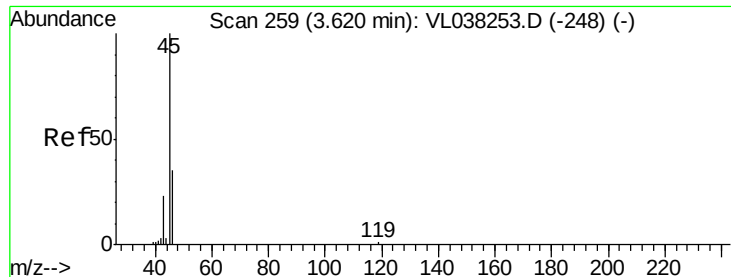
42 67.4 54.9 82.3



Abundance Ion 41.10 (40.80 to 41.80): VL0

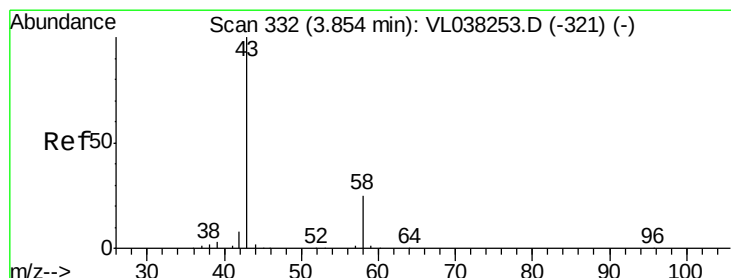
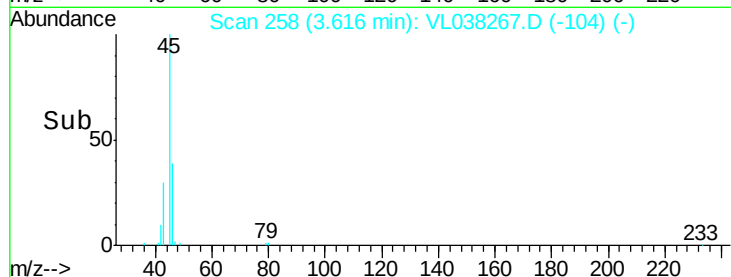
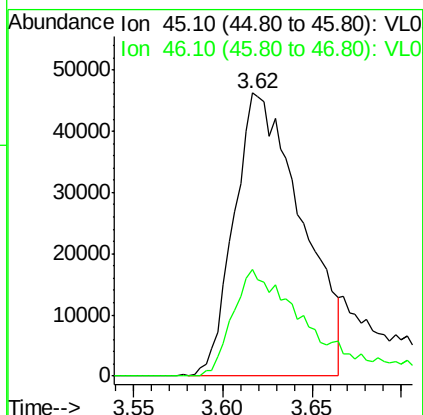
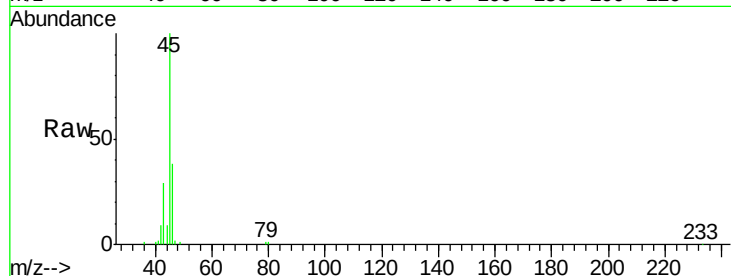
Ion 42.10 (41.80 to 42.80): VL0





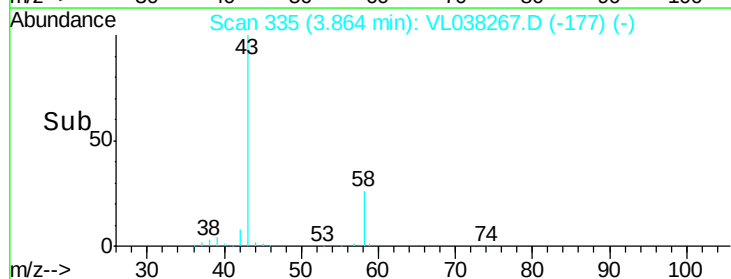
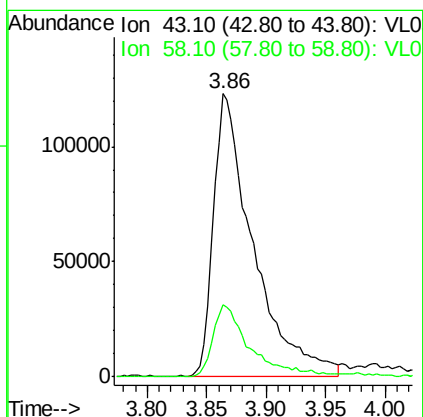
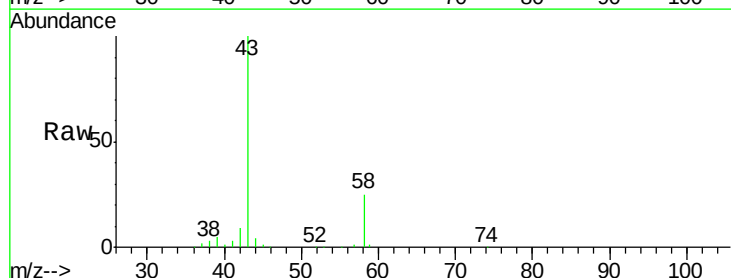
#13
Ethanol
Concen: 21.570 ppbv
RT: 3.62
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
SVE-EFFLUENTDL
Acq: 24 Jan 2022 19:49

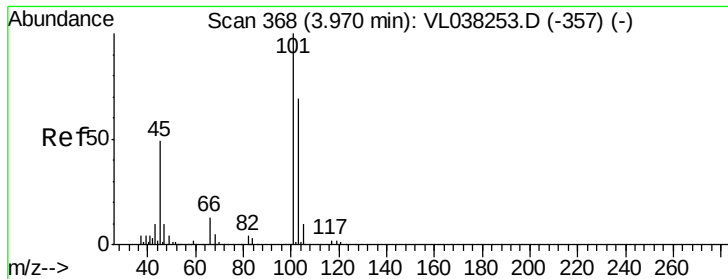
Tgt Ion: 45 Resp: 121739
Ion Ratio Lower Upper
45 100
46 45.3 15.4 61.6



#15
Acetone
Concen: 3.958 ppbv
RT: 3.86 min Scan# 335
Delta R.T. 0.01 min
Lab File: VL038267.D
Acq: 24 Jan 2022 19:49

Tgt Ion: 43 Resp: 283089
Ion Ratio Lower Upper
43 100
58 24.7 21.5 32.3





#19

Isopropyl Alcohol

Concen: 0.179 ppbv

RT: 4.00 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

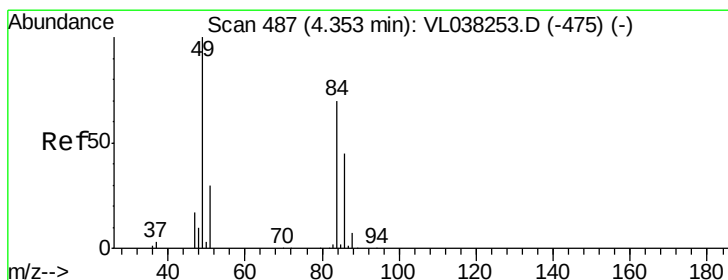
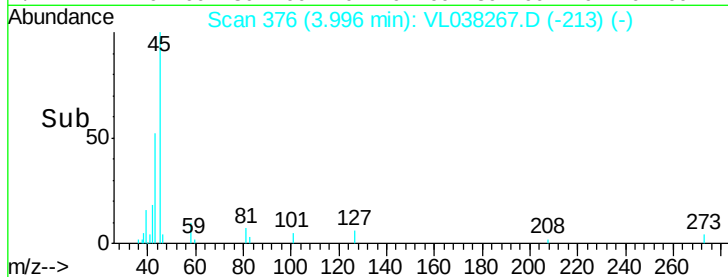
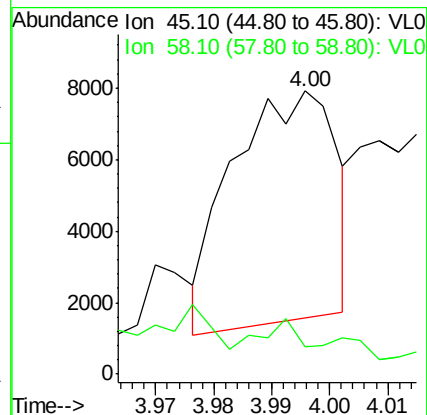
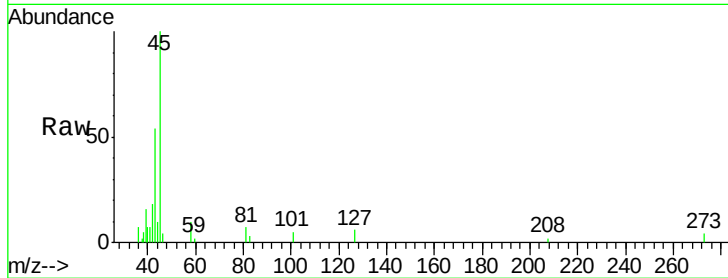
Acq: 24 Jan 2022 19:49 SVE-EFFLUENTDL

Tgt Ion: 45 Resp: 8003

Ion Ratio Lower Upper

45 100

58 0.0 2.3 3.5#



#20

Methylene Chloride

Concen: 0.490 ppbv

RT: 4.36 min Scan# 489

Delta R.T. 0.01 min

Lab File: VL038267.D

Acq: 24 Jan 2022 19:49

Tgt Ion: 84 Resp: 20381

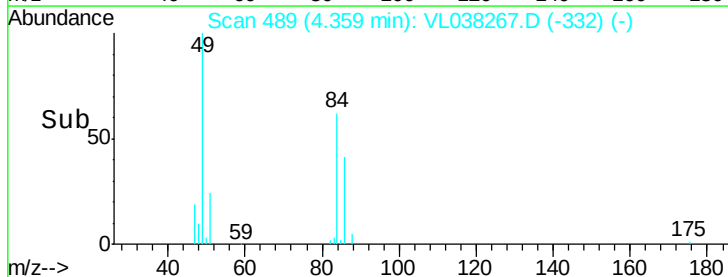
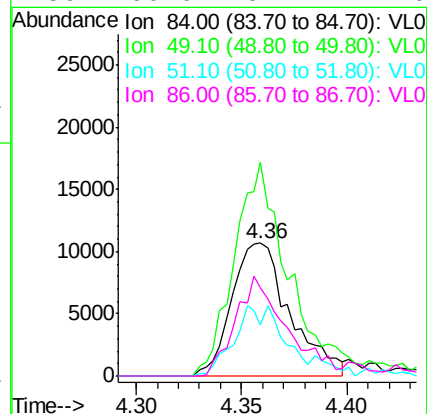
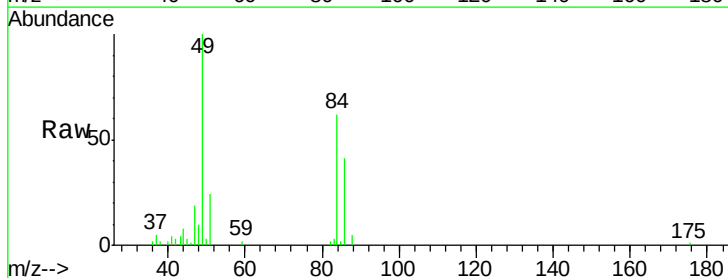
Ion Ratio Lower Upper

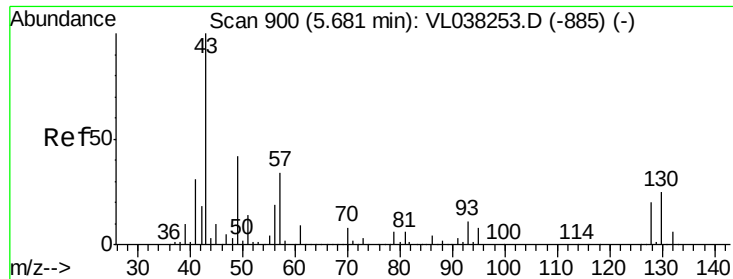
84 100

49 161.0 115.0 172.6

51 39.0 35.0 52.6

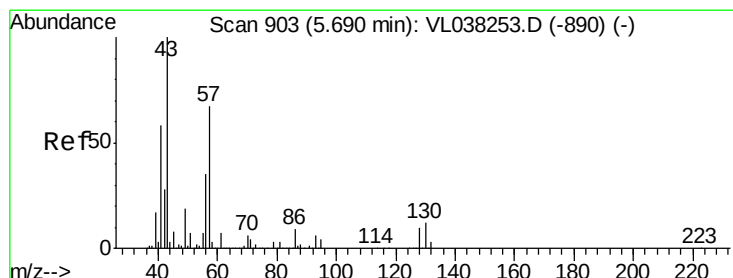
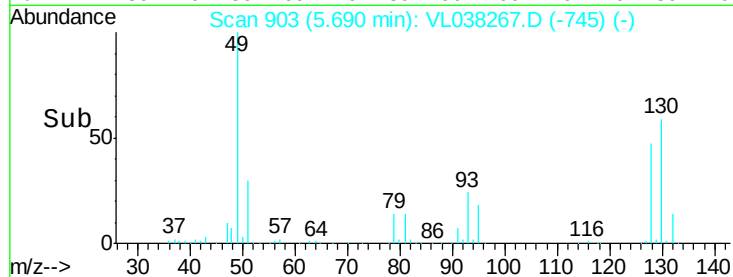
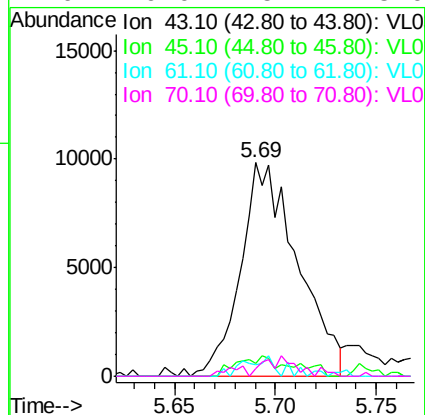
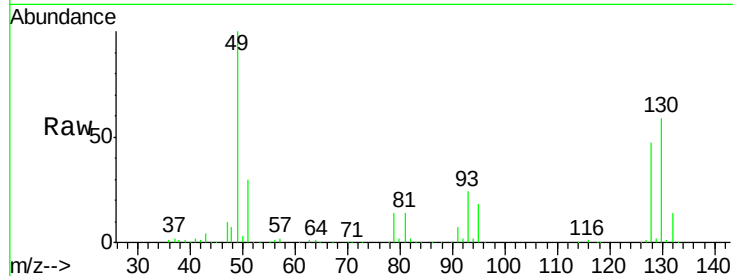
86 66.6 51.4 77.0





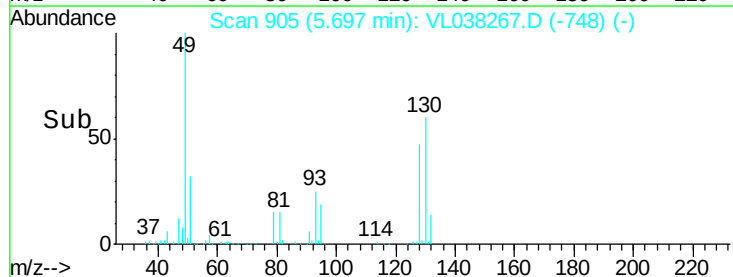
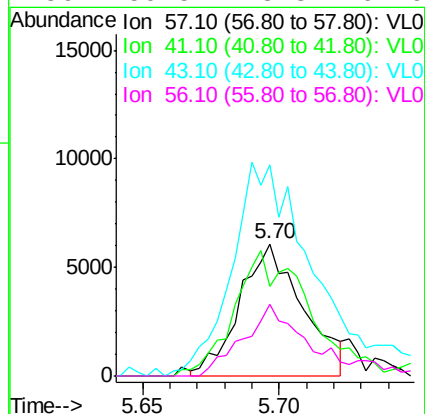
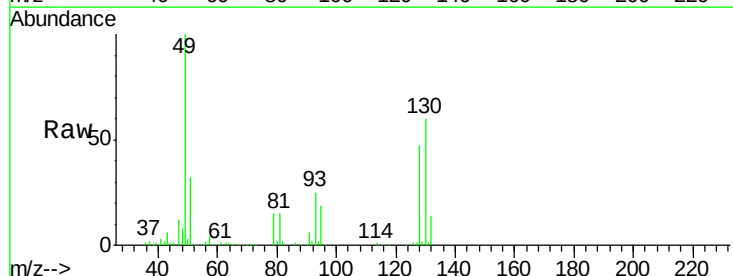
#25
Ethyl Acetate
Concen: 0.097 ppbv
RT: 5.69
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
SVE-EFFLUENTDL
Acq: 24 Jan 2022 19:49

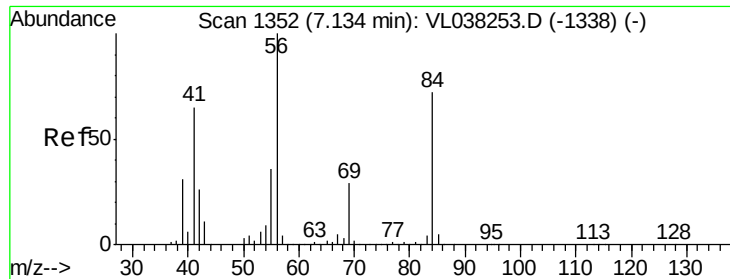
Tgt Ion:	43	Resp:	19413
Ion	Ratio	Lower	Upper
43	100		
45	9.1	7.9	11.9
61	4.6	7.8	11.8#
70	0.0	5.4	8.0#



#26
Hexane
Concen: 0.105 ppbv
RT: 5.70 min Scan# 905
Delta R.T.: 0.01 min
Lab File: VL038267.D
Acq: 24 Jan 2022 19:49

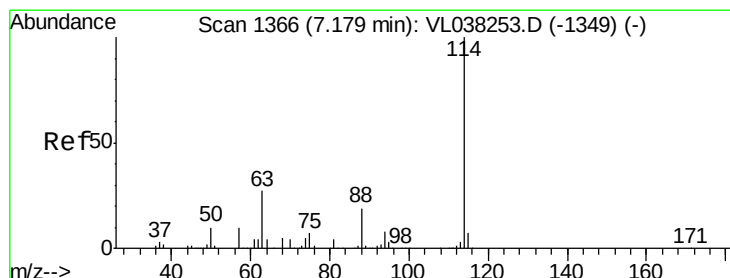
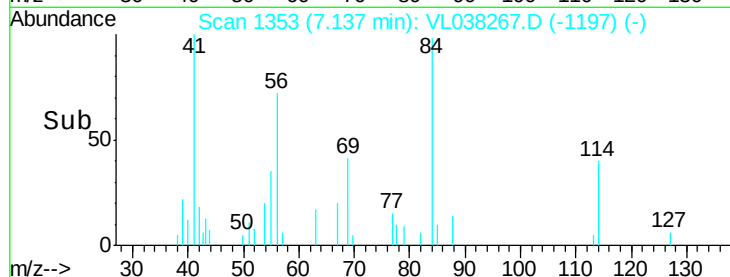
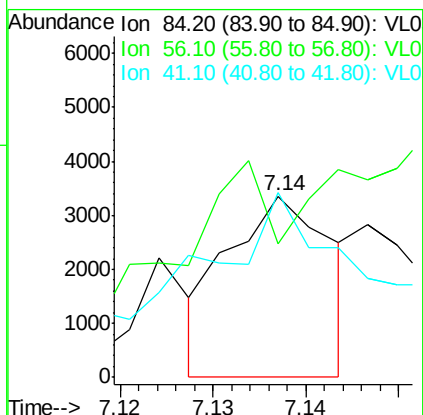
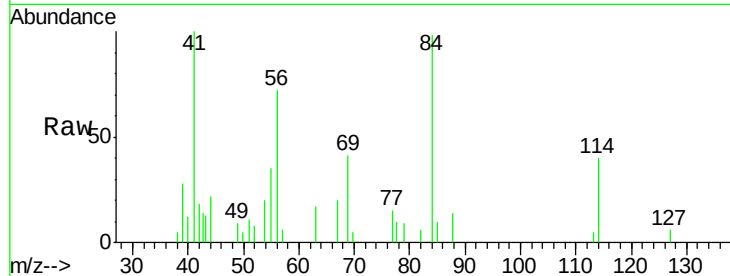
Tgt Ion:	57	Resp:	9796
Ion	Ratio	Lower	Upper
57	100		
41	123.1	72.8	109.2#
43	234.3	177.0	265.6
56	59.5	43.3	64.9





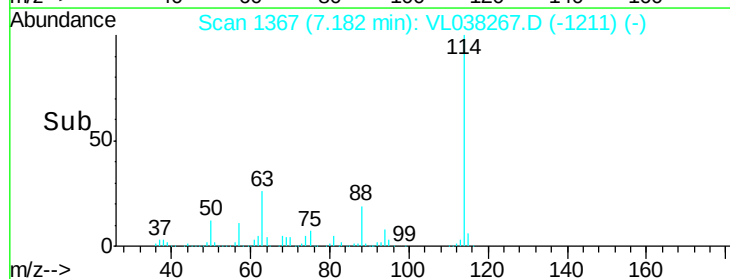
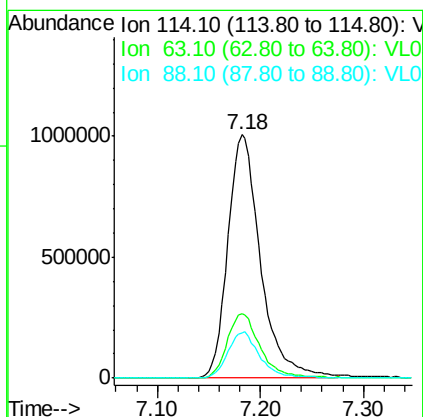
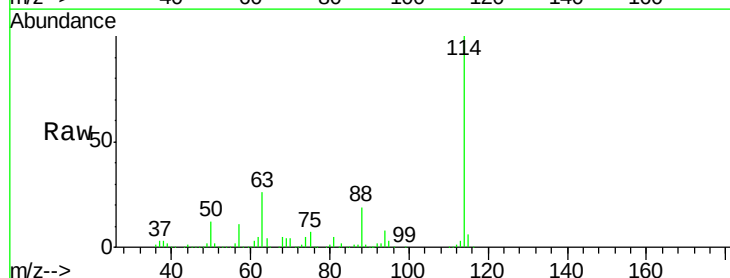
#30
Cyclohexane
Concen: 0.032 ppbv
RT: 7.14 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 24 Jan 2022 19:49

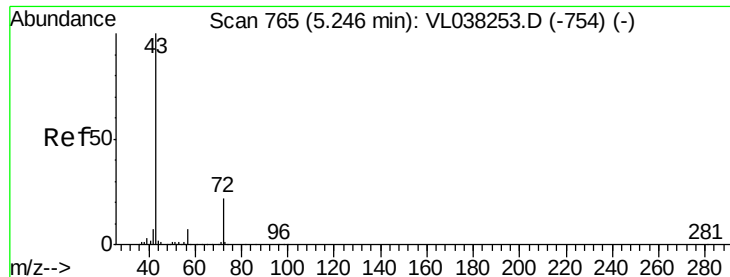
Tgt Ion: 84 Resp: 2599
Ion Ratio Lower Upper
84 100
56 0.0 112.7 169.1#
41 261.1 71.1 106.7#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T.: 0.00 min
Lab File: VL038267.D
Acq: 24 Jan 2022 19:49

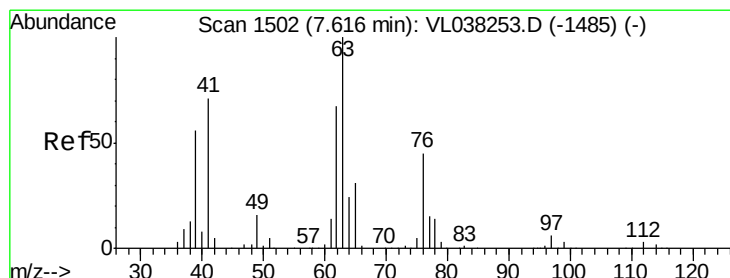
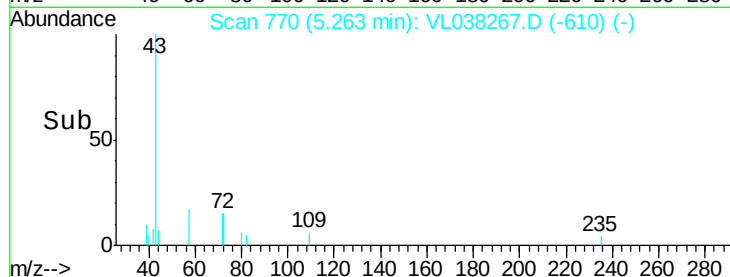
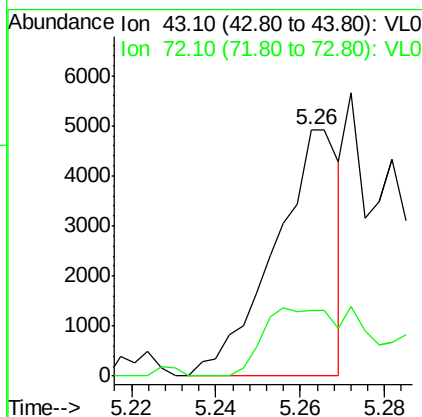
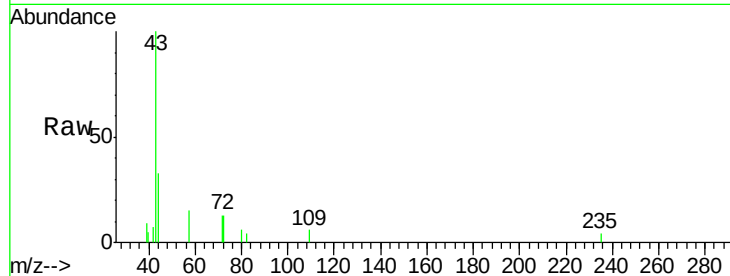
Tgt Ion: 114 Resp: 2227663
Ion Ratio Lower Upper
114 100
63 27.2 22.0 33.0
88 18.9 15.0 22.6





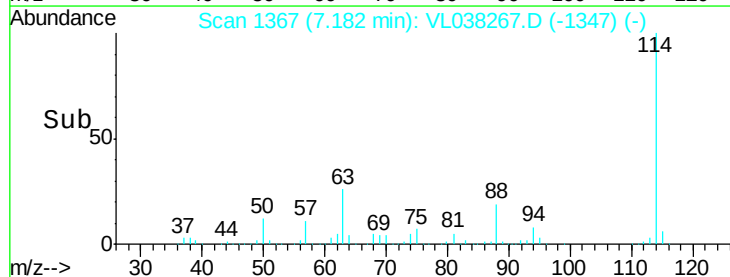
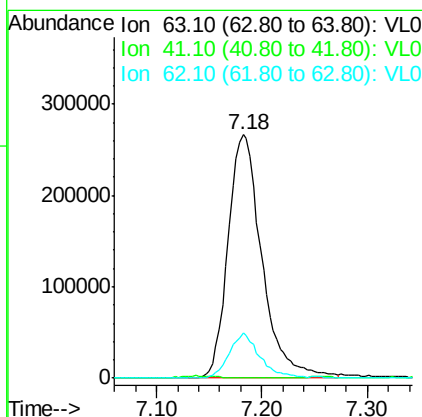
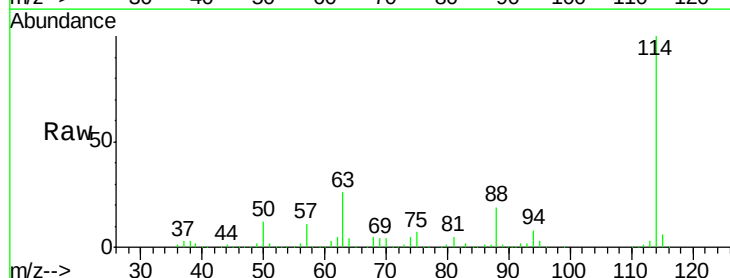
#34
 2-Butanone
 Concen: 0.072 ppbv
 RT: 5.26
 Instrument: MSVOA_1
 Delta R.T.:
 ClientSampleId:
 Lab File: SVE-EFFLUENTDL
 Acq: 24 Jan 2022 19:49

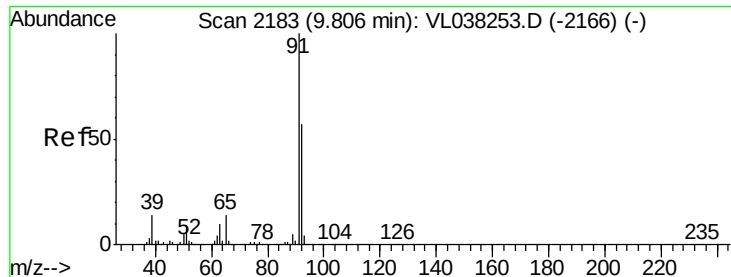
Tgt Ion: 43 Resp: 5228
 Ion Ratio Lower Upper
 43 100
 72 0.0 18.1 27.1#



#39
 1,2-Dichloropropane
 Concen: 7.443 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. -0.43 min
 Lab File: VL038267.D
 Acq: 24 Jan 2022 19:49

Tgt Ion: 63 Resp: 594620
 Ion Ratio Lower Upper
 63 100
 41 0.0 56.6 85.0#
 62 18.4 53.9 80.9#





#53

Toluene

Concen: 0.744 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

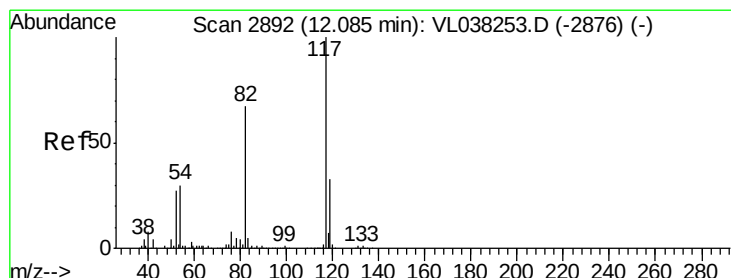
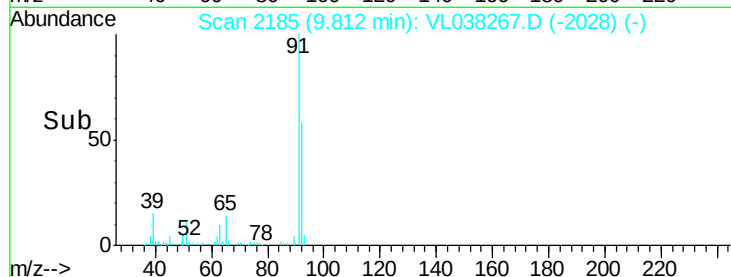
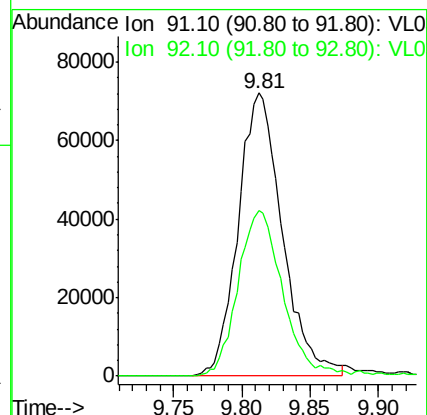
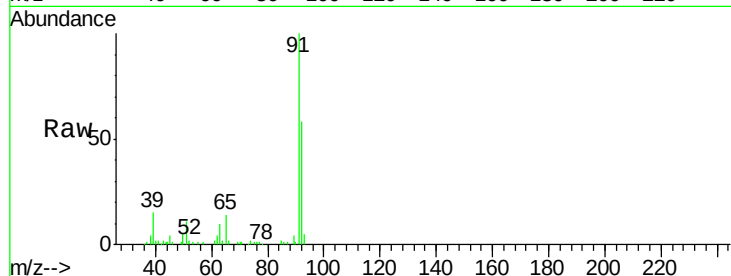
Acq: 24 Jan 2022 19:49 SVE-EFFLUENTDL

Tgt Ion: 91 Resp: 162320

Ion Ratio Lower Upper

91 100

92 58.9 47.4 71.0



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2893

Delta R.T. 0.00 min

Lab File: VL038267.D

Acq: 24 Jan 2022 19:49

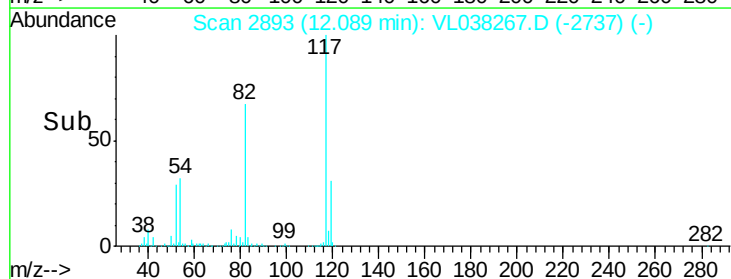
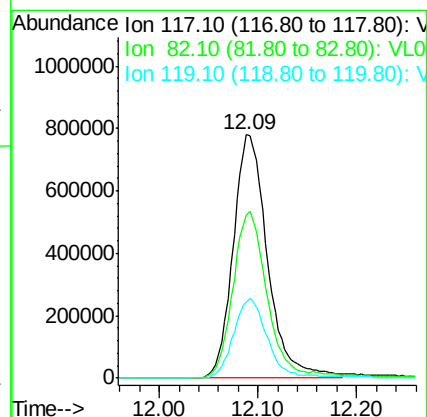
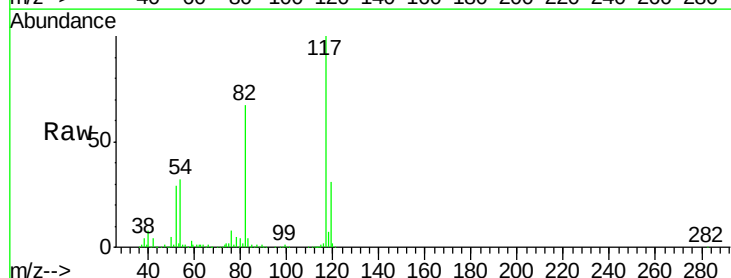
Tgt Ion: 117 Resp: 1891953

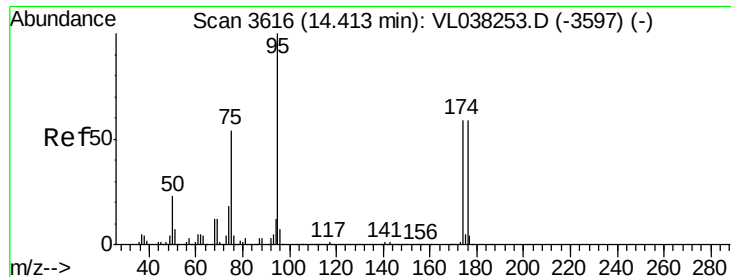
Ion Ratio Lower Upper

117 100

82 70.7 54.4 81.6

119 32.8 45.9 68.9#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.788 ppbv

RT: 14.42

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Jan 2022 19:49

Tgt Ion: 95 Resp: 1405560

Ion Ratio Lower Upper

95 100

174 60.4 48.3 72.5

175 4.3 3.5 5.3

