

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032222\
 Data File : VL038692.D
 Acq On : 22 Mar 2022 20:25
 Operator : SY/AP
 Sample : N1961-13
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P76

Quant Time: Mar 23 04:15:08 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 21 17:09:26 2022
 QLast Update : Mon Mar 21 17:09:26 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	837812	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2236983	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	1961327	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1399748	9.31	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.10%

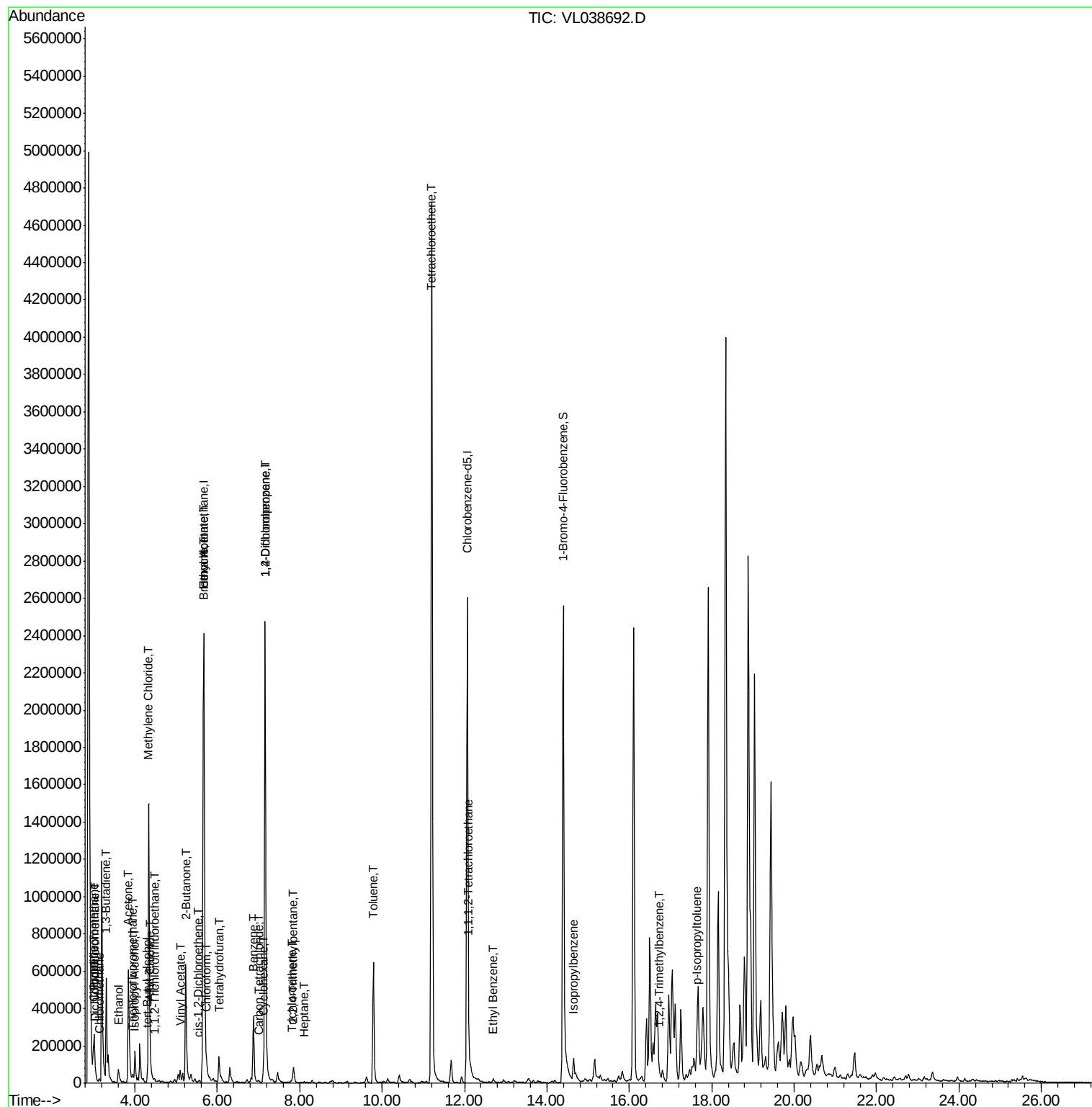
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.04	85	26483	0.24	ppbv	95
3) Chlorodifluoromethane	2.99	51	186750	2.11	ppbv	97
4) Chloromethane	3.13	50	17812	0.37	ppbv	95
9) Propene	3.01	41	116879	2.74	ppbv	91
10) Heptane	8.11	43	2081	0.02	ppbv #	26
11) Trichlorofluoromethane	3.94	101	20538	0.21	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.47	101	2442	0.03	ppbv #	10
13) Ethanol	3.60	45	63151	13.40	ppbv	65
15) Acetone	3.84	43	770246	10.65	ppbv #	83
16) 1,3-Butadiene	3.30	39	152471	3.72	ppbv #	14
17) tert-Butyl alcohol	4.30	59	9489	0.15	ppbv #	73
19) Isopropyl Alcohol	3.97	45	20270	0.51	ppbv #	91
20) Methylene Chloride	4.33	84	690719	22.68	ppbv	97
21) Allyl Chloride	4.38	41	1837	0.04	ppbv #	23
23) Vinyl Acetate	5.09	43	12093	0.17	ppbv #	52
25) Ethyl Acetate	5.67	43	599509	3.29	ppbv #	76
26) Hexane	5.67	57	868379	10.66	ppbv #	39
29) Chloroform	5.74	83	21934	0.17	ppbv #	77
30) Cyclohexane	7.12	84	10464	0.15	ppbv #	1
31) cis-1,2-Dichloroethene	5.54	61	2281	0.03	ppbv #	76
34) 2-Butanone	5.23	43	898789	10.15	ppbv	98
35) Carbon Tetrachloride	7.01	117	5483	0.04	ppbv	94
36) Benzene	6.88	78	348315	2.02	ppbv	96
38) Trichloroethene	7.82	130	2288	0.03	ppbv #	76
39) 1,2-Dichloropropane	7.16	63	509311	7.55	ppbv #	28
41) Tetrahydrofuran	6.04	42	92234	1.40	ppbv	99
44) 2,2,4-Trimethylpentane	7.85	57	75691	0.26	ppbv #	80
52) Tetrachloroethene	11.21	164	1437632	22.75	ppbv	96
53) Toluene	9.79	91	527084	2.84	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.10	131	1701	0.02	ppbv #	64
58) Ethyl Benzene	12.69	91	5234	0.02	ppbv #	78
62) Isopropylbenzene	14.64	105	50825	0.18	ppbv #	48
69) p-Isopropyltoluene	17.63	119	9255	0.03	ppbv #	37
74) 1,2,4-Trimethylbenzene	16.74	105	17421	0.08	ppbv #	78

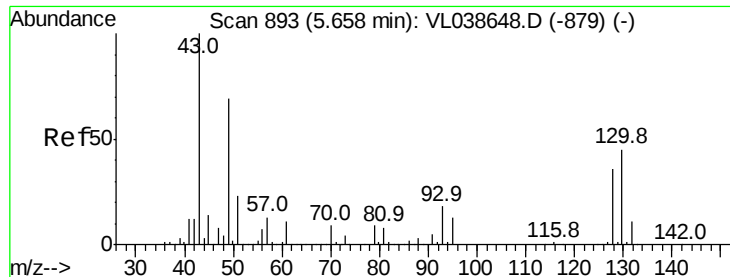
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032222\
Data File : VL038692.D
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Instrument :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 21 17:09:26 2022
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.65 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: COP76

Acq: 22 Mar 2022 20:25

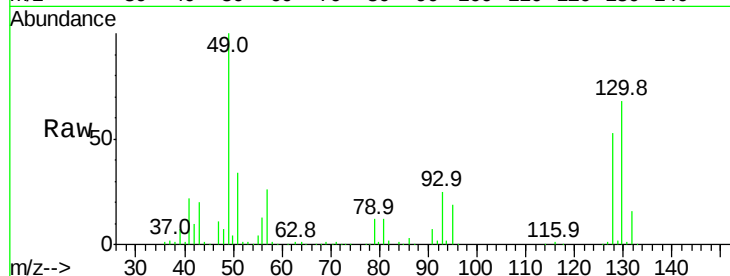
Tgt Ion: 49 Resp: 837812

Ion Ratio Lower Upper

49 100

128 53.9 26.2 78.6

130 68.9 33.7 101.1



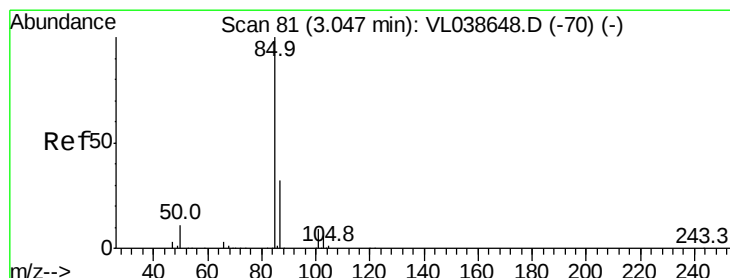
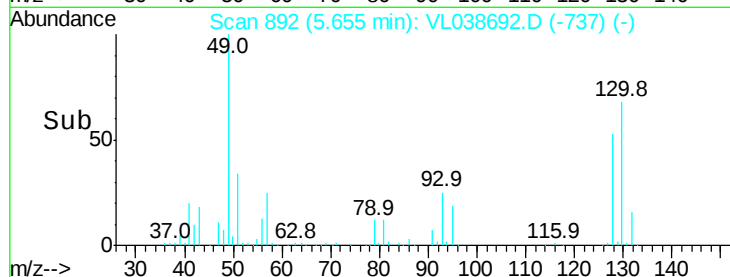
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.65

Time-->



#2

Dichlorodifluoromethane

Concen: 0.24 ppbv

RT: 3.04 min Scan# 80

Delta R.T. -0.00 min

Lab File: VL038692.D

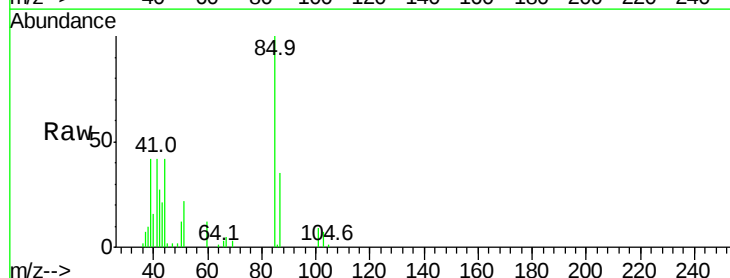
Acq: 22 Mar 2022 20:25

Tgt Ion: 85 Resp: 26483

Ion Ratio Lower Upper

85 100

87 35.4 26.0 39.0

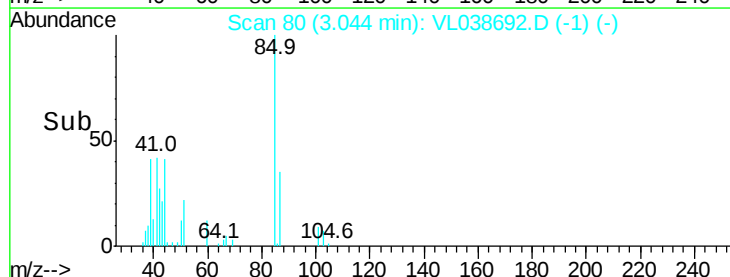


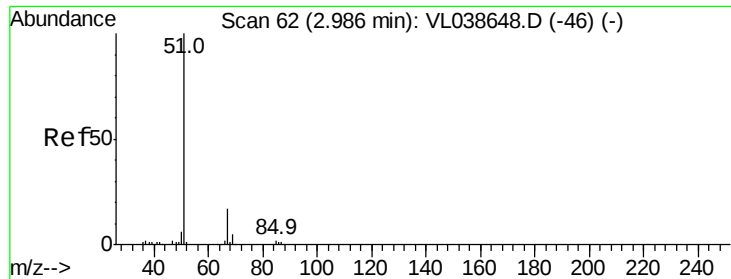
Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

3.04

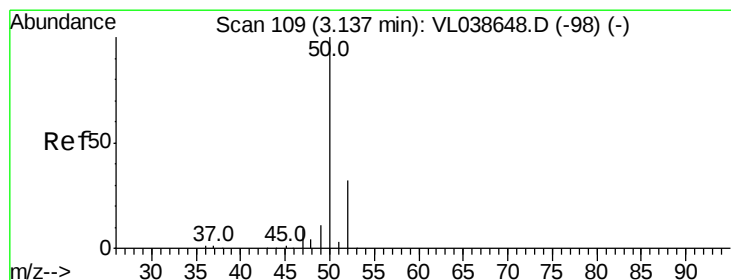
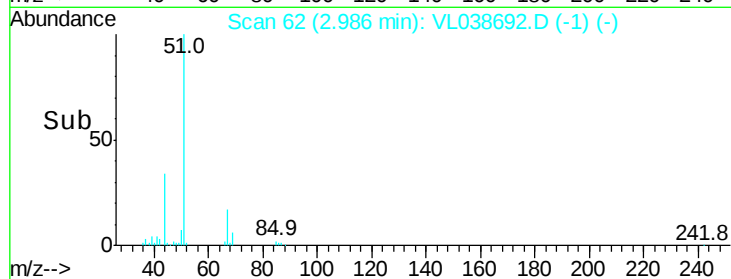
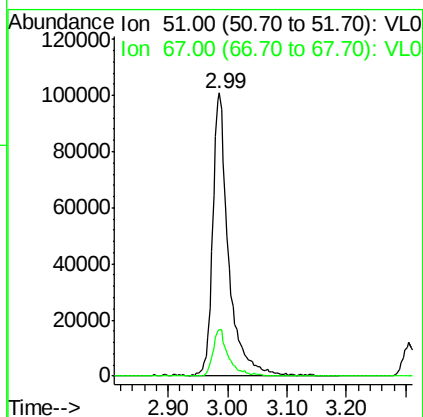
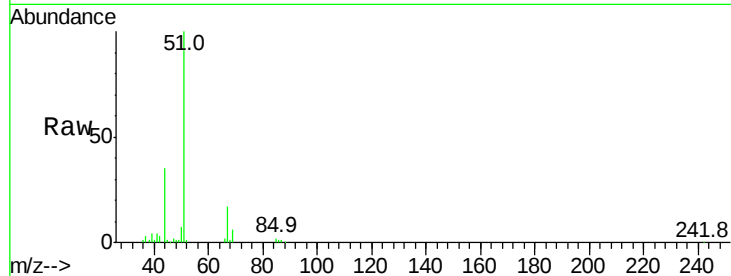
Time-->





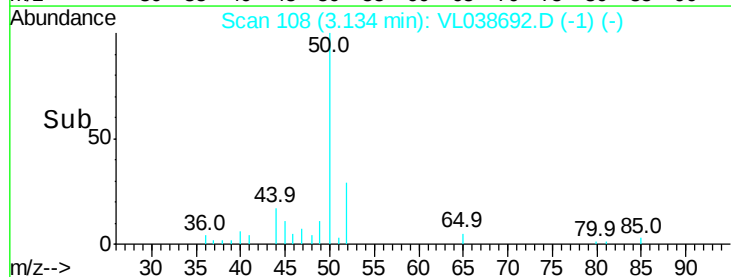
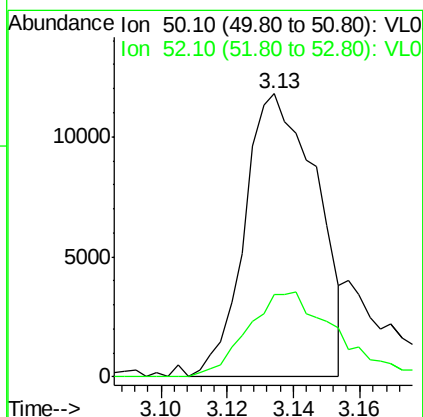
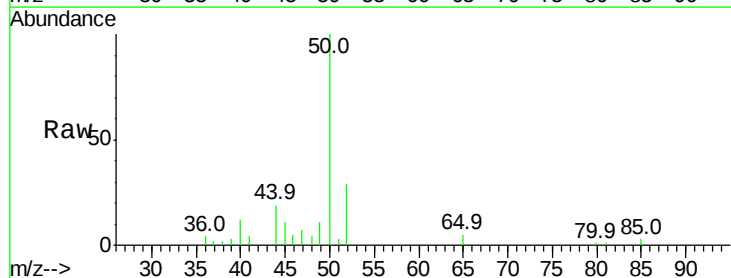
#3
 Chlorodifluoromethane
 Concen: 2.11 ppbv
 RT: 2.99
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 C0P76
 Acq: 22 Mar 2022 20:25

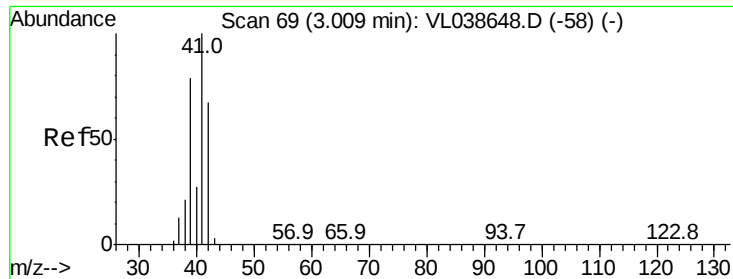
Tgt Ion: 51 Resp: 186750
 Ion Ratio Lower Upper
 51 100
 67 16.1 14.1 21.1



#4
 Chloromethane
 Concen: 0.37 ppbv
 RT: 3.13 min Scan# 108
 Delta R.T. -0.00 min
 Lab File: VL038692.D
 Acq: 22 Mar 2022 20:25

Tgt Ion: 50 Resp: 17812
 Ion Ratio Lower Upper
 50 100
 52 29.0 25.5 38.3





#9

Propene

Concen: 2.74 ppbv

RT: 3.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

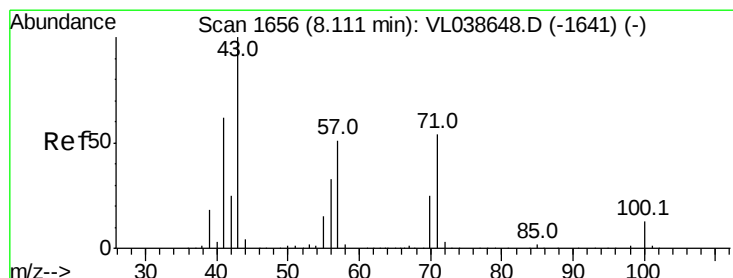
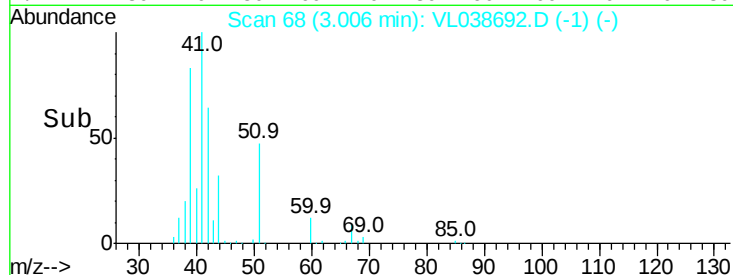
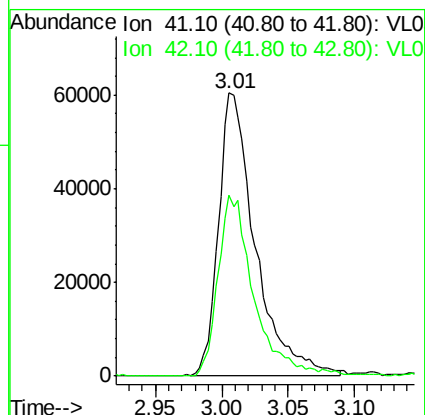
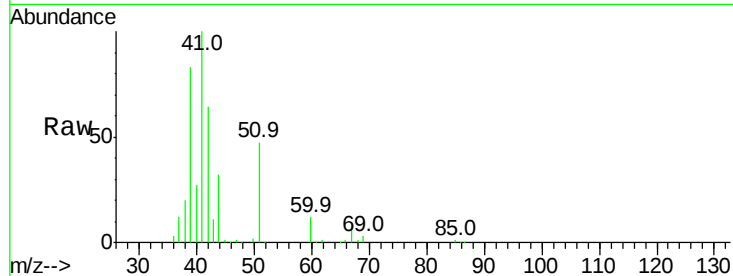
Acq: 22 Mar 2022 20:25

Tgt Ion: 41 Resp: 116879

Ion Ratio Lower Upper

41 100

42 62.9 56.2 84.4



#10

Heptane

Concen: 0.02 ppbv

RT: 8.11 min Scan# 1655

Delta R.T. -0.00 min

Lab File: VL038692.D

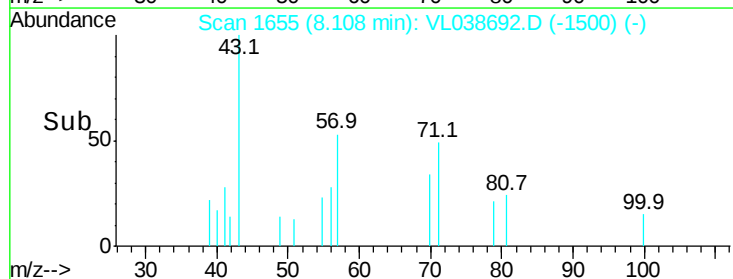
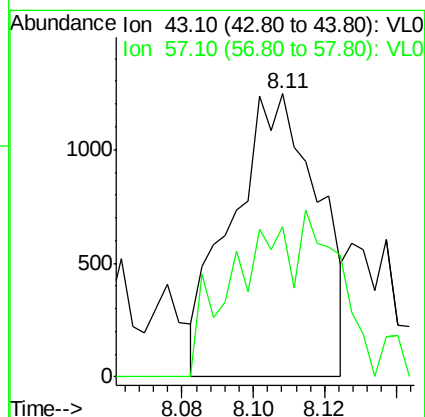
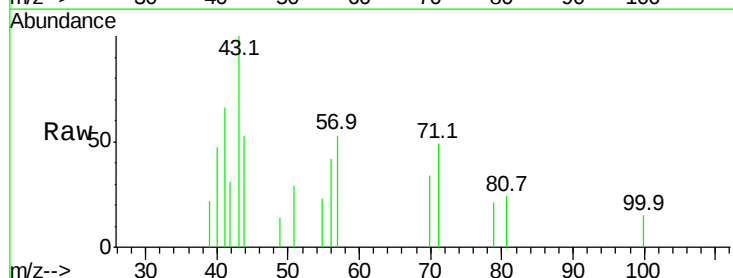
Acq: 22 Mar 2022 20:25

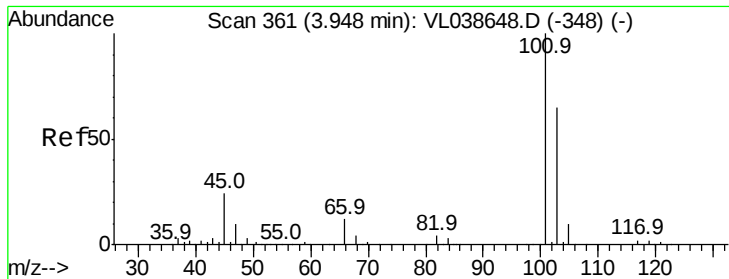
Tgt Ion: 43 Resp: 2081

Ion Ratio Lower Upper

43 100

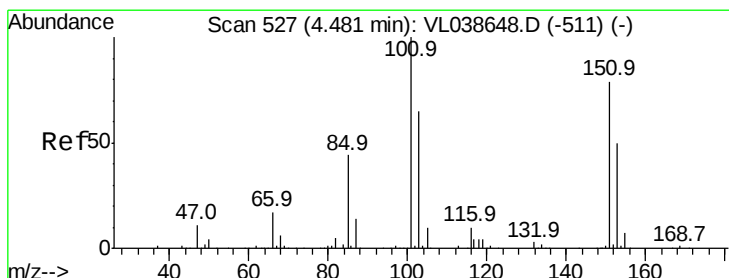
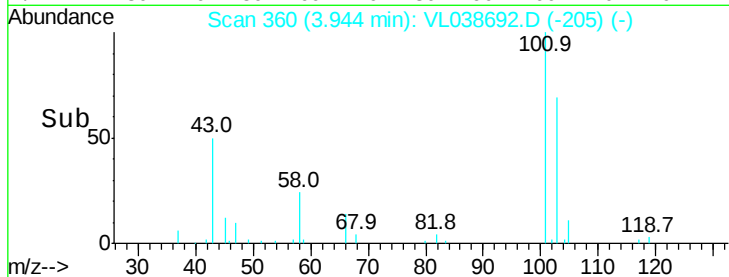
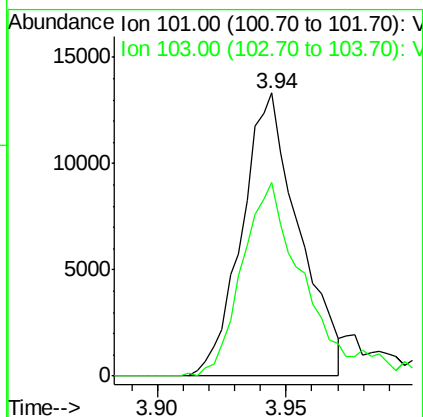
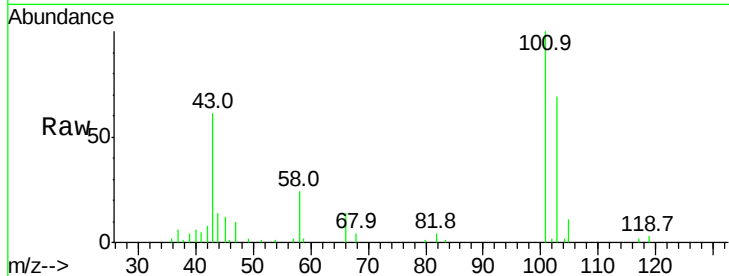
57 0.0 41.4 62.2#





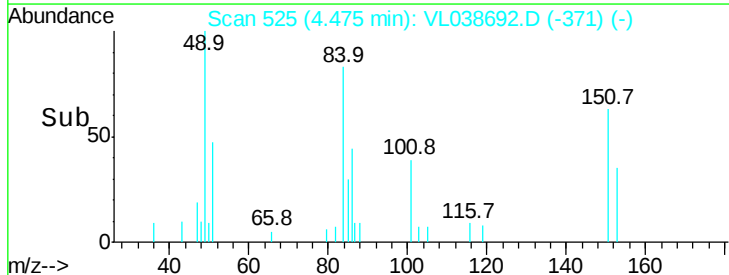
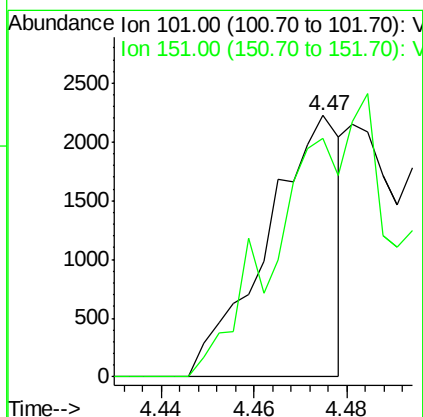
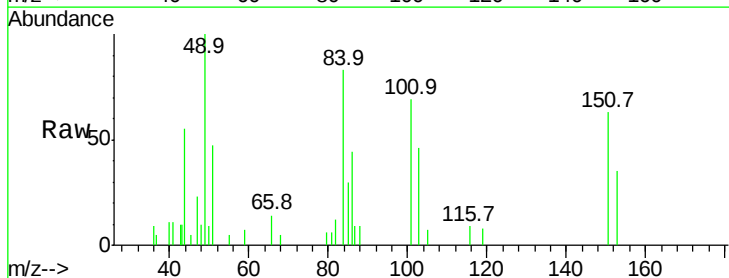
#11
 Trichlorofluoromethane
 Concen: 0.21 ppbv
 RT: 3.94
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 22 Mar 2022 20:25

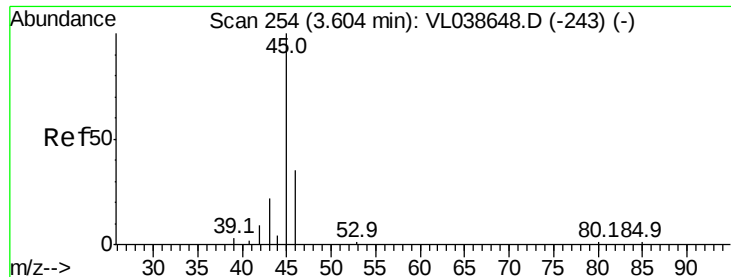
Tgt Ion:101 Resp: 20538
 Ion Ratio Lower Upper
 101 100
 103 67.3 51.9 77.9



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.03 ppbv
 RT: 4.47 min Scan# 525
 Delta R.T. -0.01 min
 Lab File: VL038692.D
 Acq: 22 Mar 2022 20:25

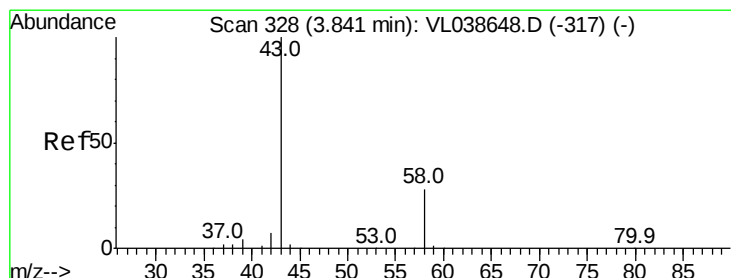
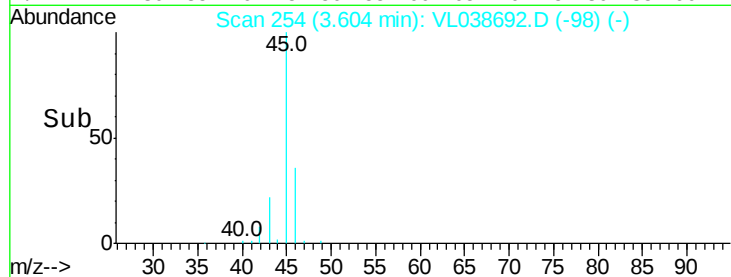
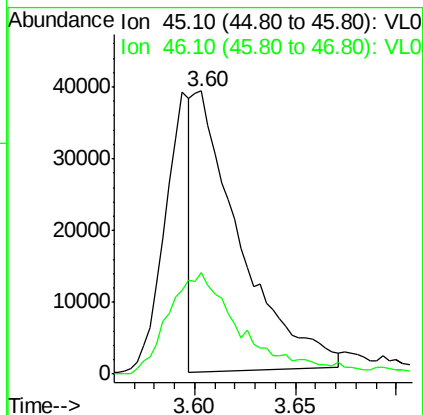
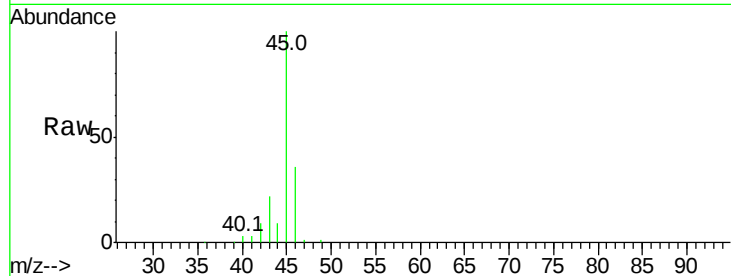
Tgt Ion:101 Resp: 2442
 Ion Ratio Lower Upper
 101 100
 151 0.0 62.9 94.3#





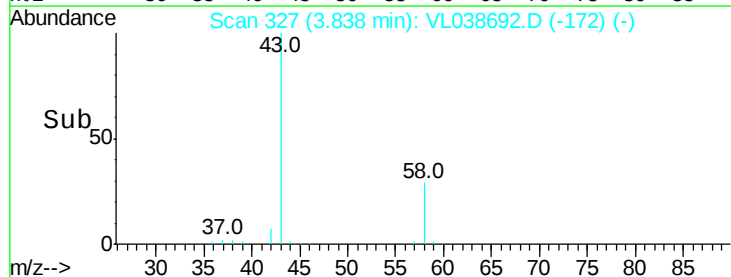
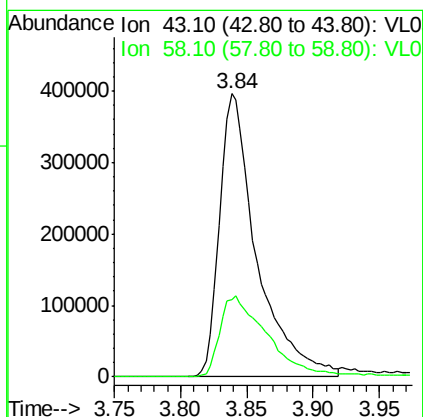
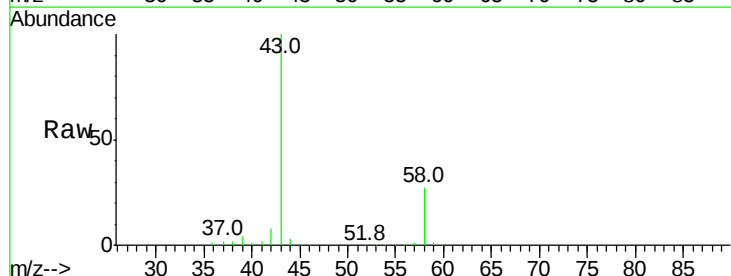
#13
Ethanol
Concen: 13.40 ppbv
RT: 3.60
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
COP76
Acq: 22 Mar 2022 20:25

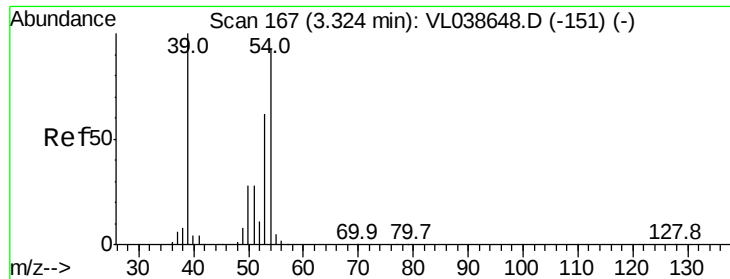
Tgt Ion: 45 Resp: 63151
Ion Ratio Lower Upper
45 100
46 59.1 15.1 60.5



#15
Acetone
Concen: 10.65 ppbv
RT: 3.84 min Scan# 327
Delta R.T. -0.00 min
Lab File: VL038692.D
Acq: 22 Mar 2022 20:25

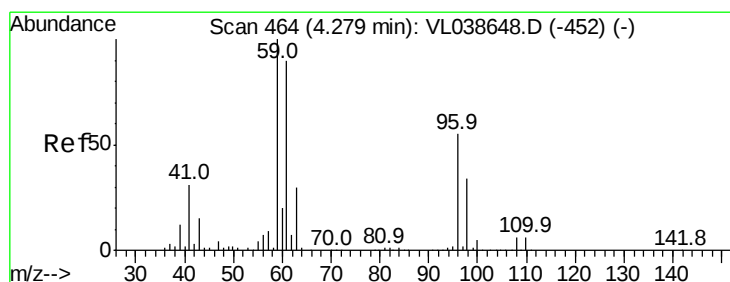
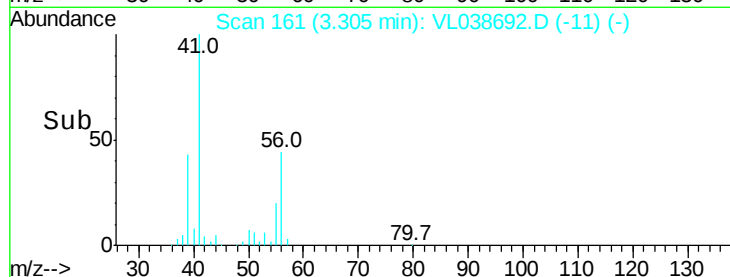
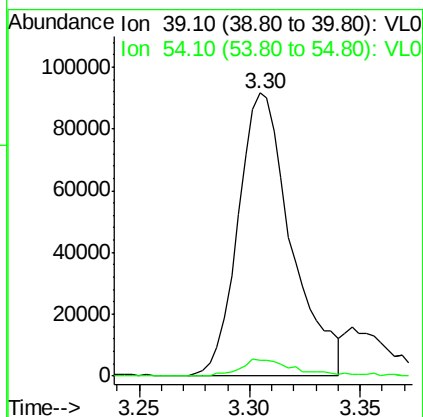
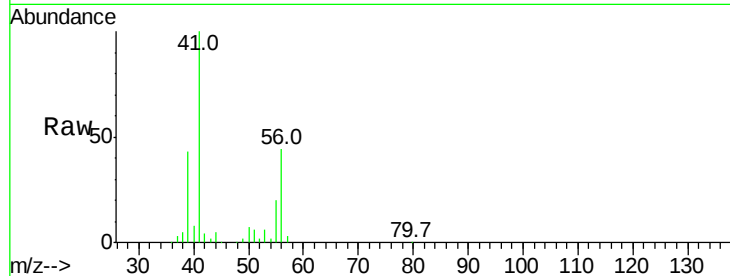
Tgt Ion: 43 Resp: 770246
Ion Ratio Lower Upper
43 100
58 38.1 23.3 34.9#





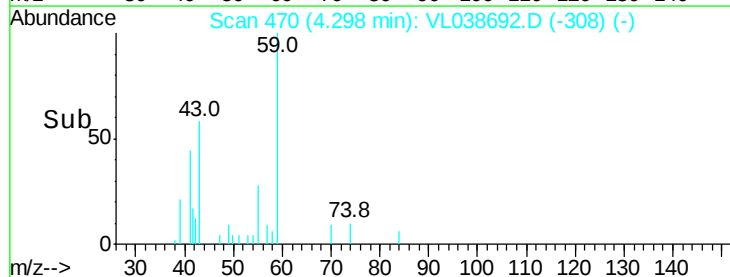
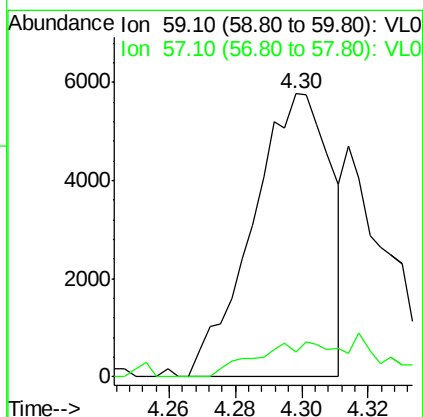
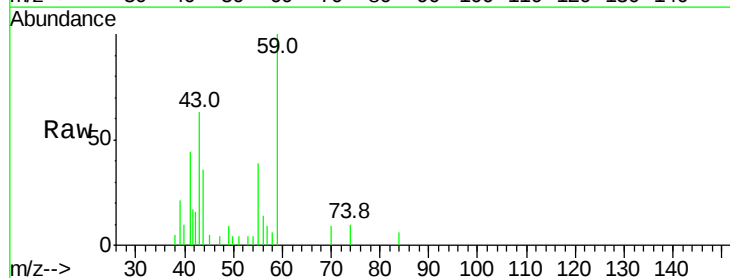
#16
 1,3-Butadiene
 Concen: 3.72 ppbv
 RT: 3.30
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 C0P76
 Acq: 22 Mar 2022 20:25

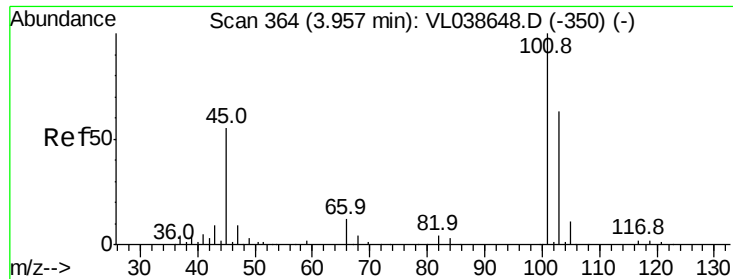
Tgt Ion: 39 Resp: 152471
 Ion Ratio Lower Upper
 39 100
 54 6.9 69.1 103.7#



#17
 tert-Butyl alcohol
 Concen: 0.15 ppbv
 RT: 4.30 min Scan# 470
 Delta R.T. 0.02 min
 Lab File: VL038692.D
 Acq: 22 Mar 2022 20:25

Tgt Ion: 59 Resp: 9489
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#





#19

Isopropyl Alcohol

Concen: 0.51 ppbv

RT: 3.97 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

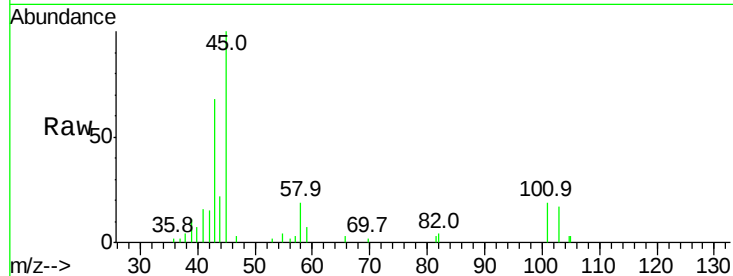
Acq: 22 Mar 2022 20:25

Tgt Ion: 45 Resp: 20270

Ion Ratio Lower Upper

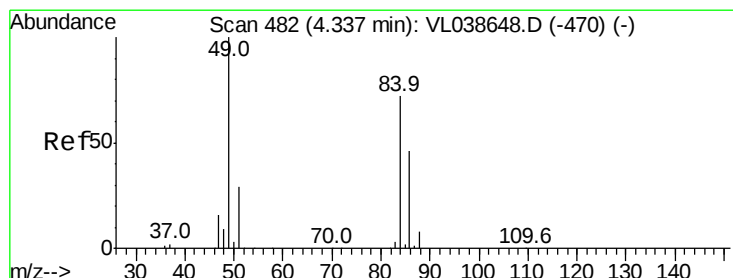
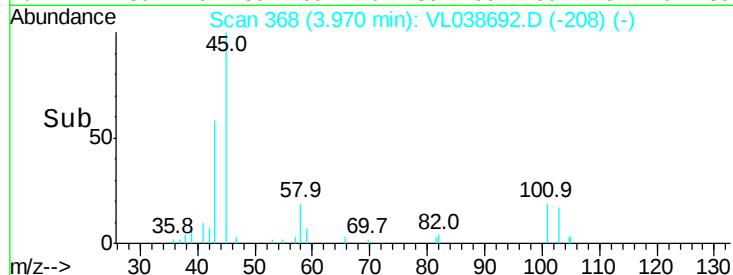
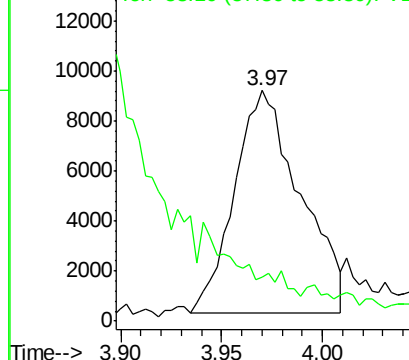
45 100

58 0.0 2.3 3.5#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 22.68 ppbv

RT: 4.33 min Scan# 481

Delta R.T. -0.00 min

Lab File: VL038692.D

Acq: 22 Mar 2022 20:25

Tgt Ion: 84 Resp: 690719

Ion Ratio Lower Upper

84 100

49 142.9 111.2 166.8

51 45.7 32.8 49.2

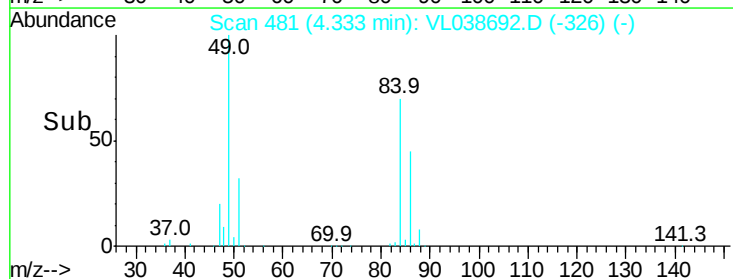
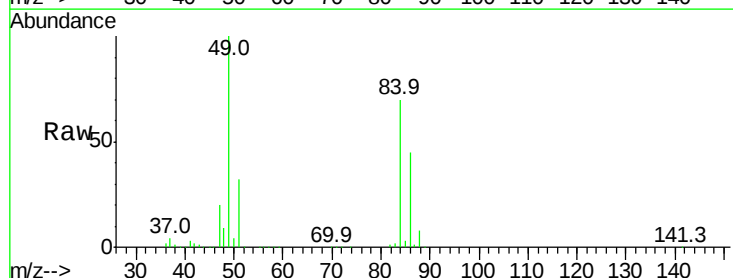
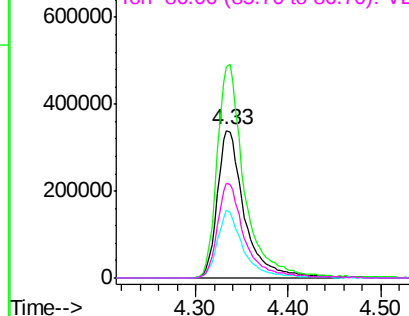
86 63.8 51.4 77.0

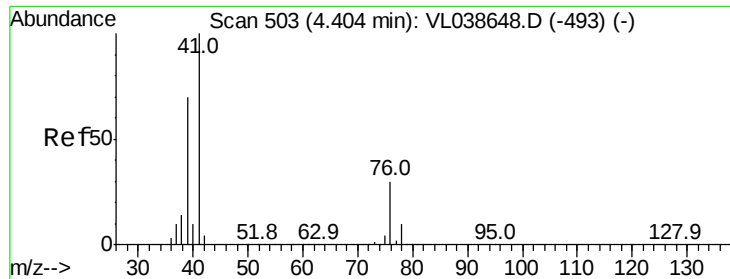
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

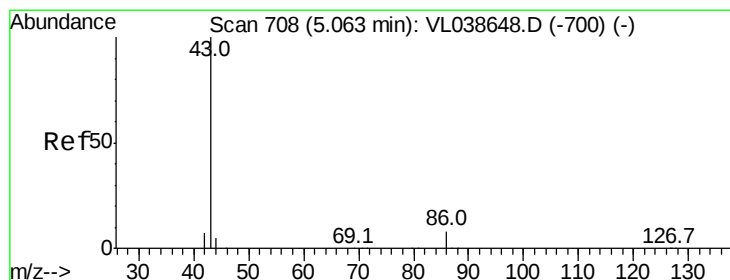
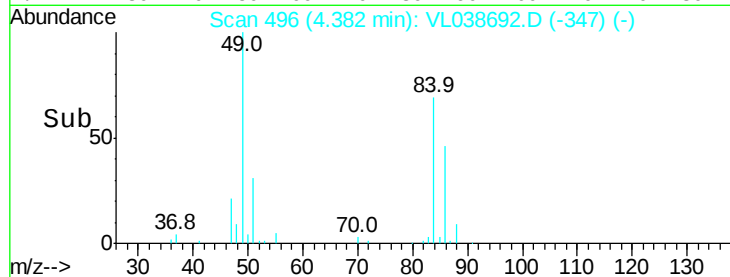
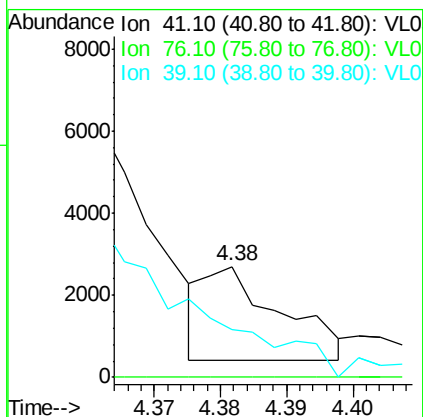
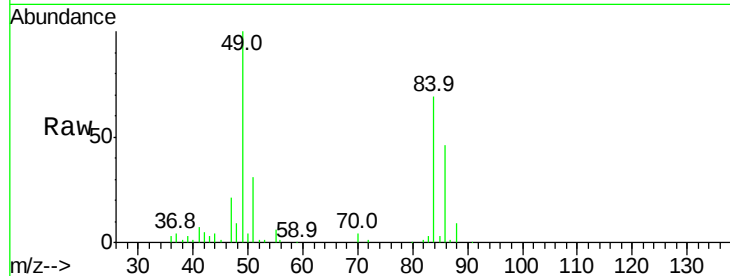
Ion 86.00 (85.70 to 86.70): VL0





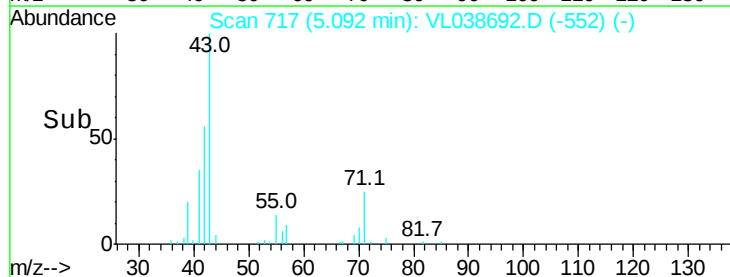
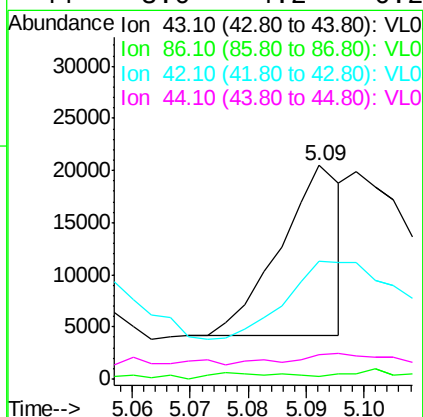
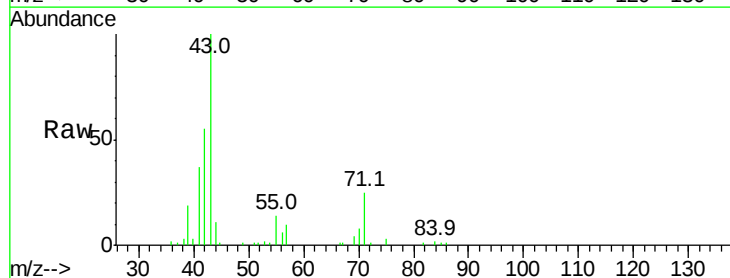
#21
 Allyl Chloride
 Concen: 0.04 ppbv
 RT: 4.38
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 C0P76
 Acq: 22 Mar 2022 20:25

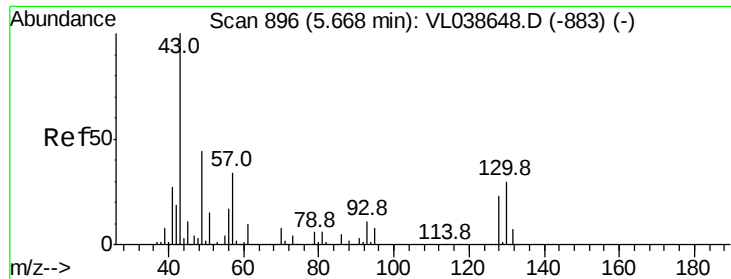
Tgt Ion: 41 Resp: 1837
 Ion Ratio Lower Upper
 41 100
 76 0.0 25.0 37.6#
 39 0.0 56.6 85.0#



#23
 Vinyl Acetate
 Concen: 0.17 ppbv
 RT: 5.09 min Scan# 717
 Delta R.T. 0.03 min
 Lab File: VL038692.D
 Acq: 22 Mar 2022 20:25

Tgt Ion: 43 Resp: 12093
 Ion Ratio Lower Upper
 43 100
 86 1.4 5.6 8.4#
 42 44.3 6.8 10.2#
 44 3.0 4.2 6.2#





#25

Ethyl Acetate

Concen: 3.29 ppbv

RT: 5.67 Instrument: MSVOA_1

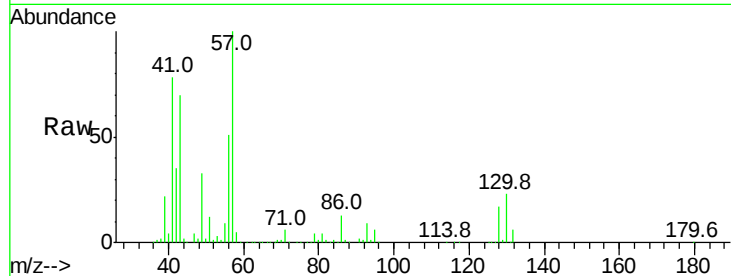
Delta R.T. -0.00 min

Lab File: ClientSampleId: C0P76

Acq: 22 Mar 2022 20:25

Tgt Ion: 43 Resp: 599509

Ion	Ratio	Lower	Upper
43	100		
45	0.5	8.2	12.4#
61	0.4	8.3	12.5#
70	1.7	5.6	8.4#



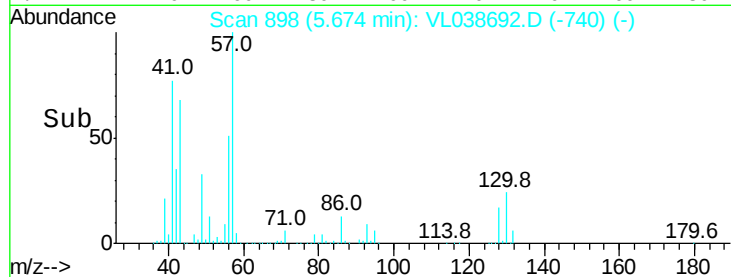
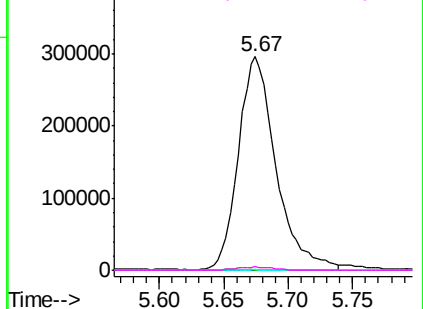
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26

Hexane

Concen: 10.66 ppbv

RT: 5.67 min Scan# 898

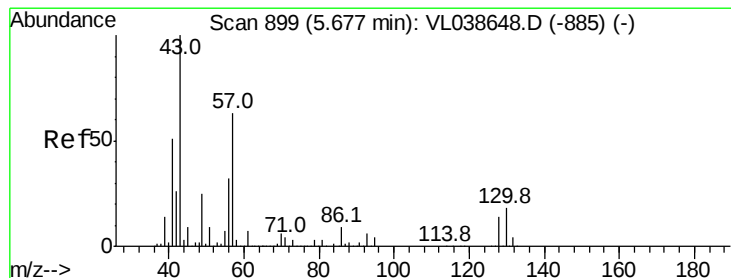
Delta R.T. -0.00 min

Lab File: VL038692.D

Acq: 22 Mar 2022 20:25

Tgt Ion: 57 Resp: 868379

Ion	Ratio	Lower	Upper
57	100		
41	82.1	67.0	100.4
43	70.7	184.2	276.2#
56	52.3	42.6	64.0



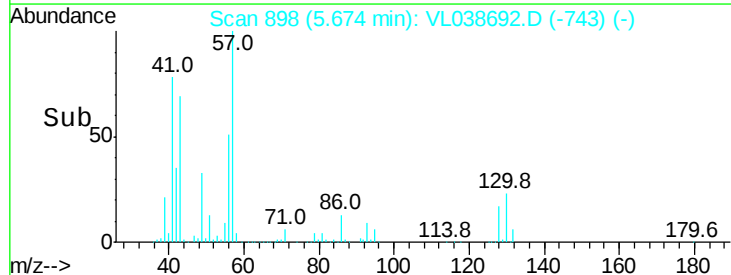
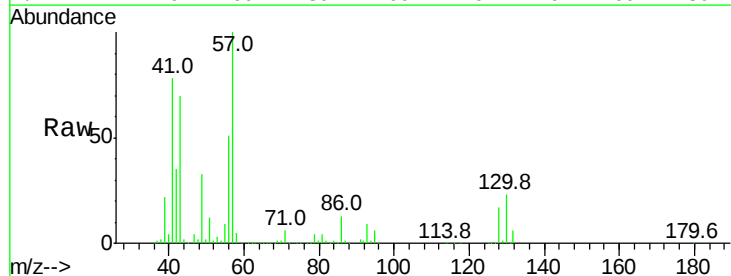
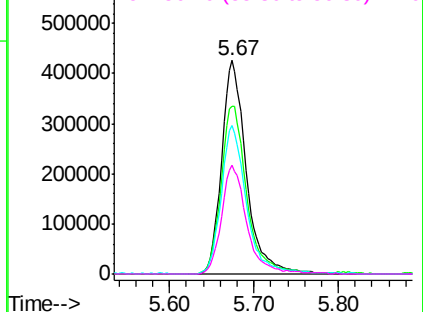
Abundance

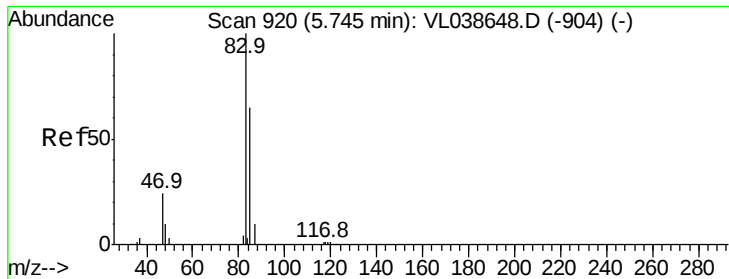
Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#29

Chloroform

Concen: 0.17 ppbv

RT: 5.74 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: C0P76

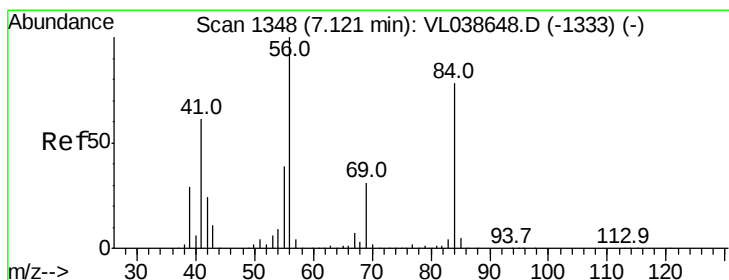
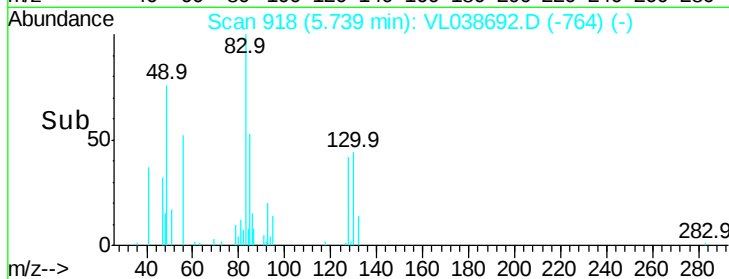
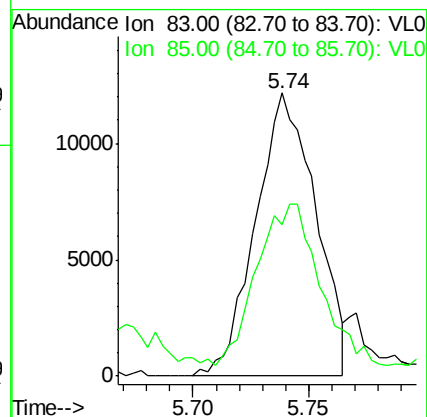
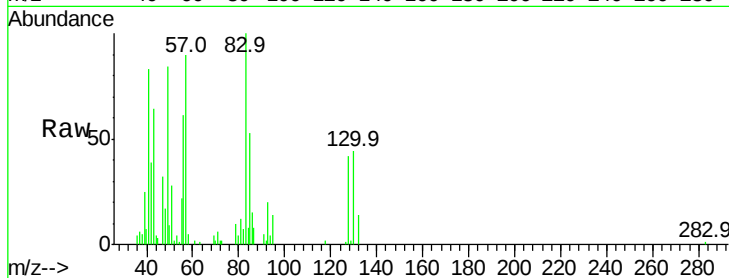
Acq: 22 Mar 2022 20:25

Tgt Ion: 83 Resp: 21934

Ion Ratio Lower Upper

83 100

85 46.9 51.7 77.5#



#30

Cyclohexane

Concen: 0.15 ppbv

RT: 7.12 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VL038692.D

Acq: 22 Mar 2022 20:25

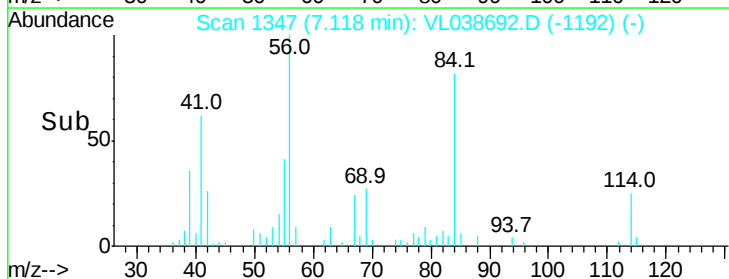
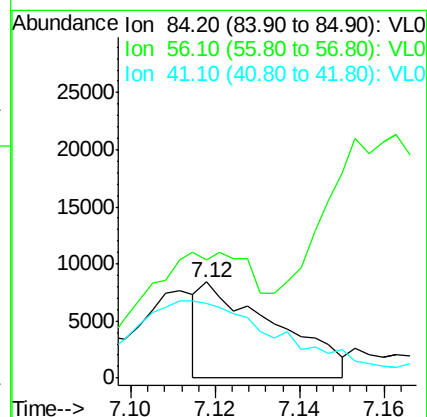
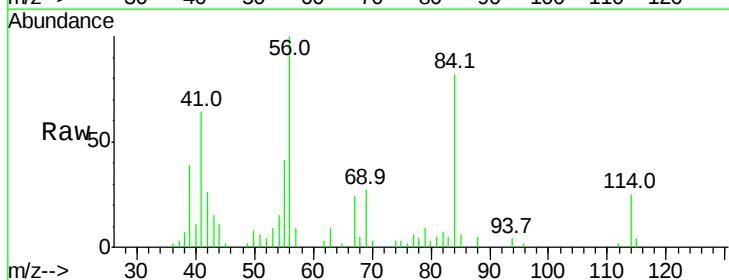
Tgt Ion: 84 Resp: 10464

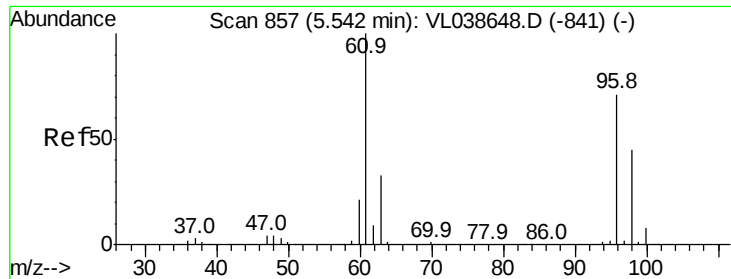
Ion Ratio Lower Upper

84 100

56 0.0 108.2 162.4#

41 0.0 61.8 92.6#





#31

cis-1,2-Dichloroethene

Concen: 0.03 ppbv

RT: 5.54 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: COP76

Acq: 22 Mar 2022 20:25

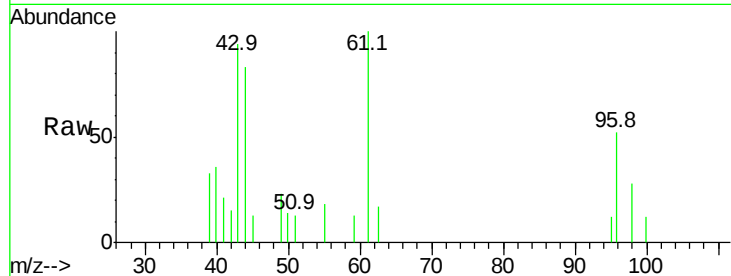
Tgt Ion: 61 Resp: 2281

Ion Ratio Lower Upper

61 100

96 52.2 56.6 84.8#

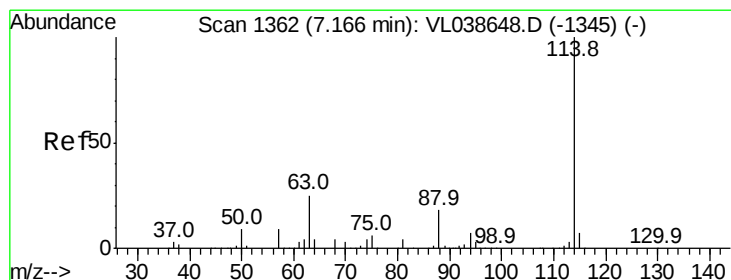
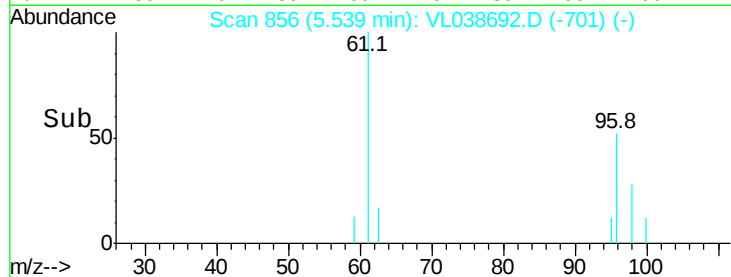
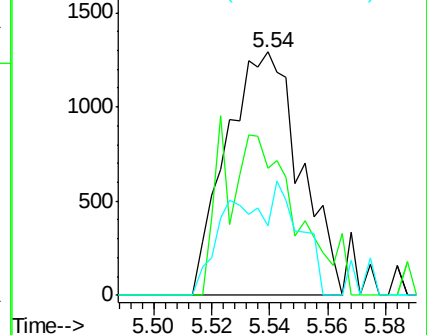
98 28.4 36.3 54.5#



Abundance Ion 61.10 (60.80 to 61.80): VL0

Ion 96.00 (95.70 to 96.70): VL0

Ion 98.00 (97.70 to 98.70): VL0



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.16 min Scan# 1360

Delta R.T. -0.01 min

Lab File: VL038692.D

Acq: 22 Mar 2022 20:25

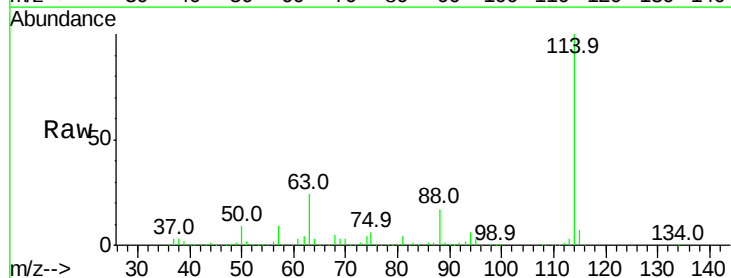
Tgt Ion: 114 Resp: 2236983

Ion Ratio Lower Upper

114 100

63 23.4 19.4 29.0

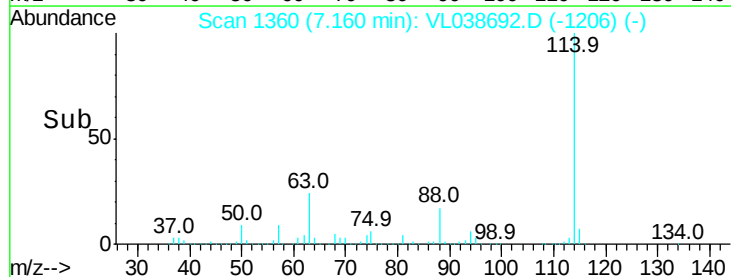
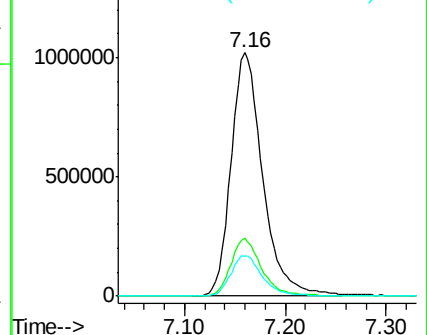
88 16.9 13.9 20.9

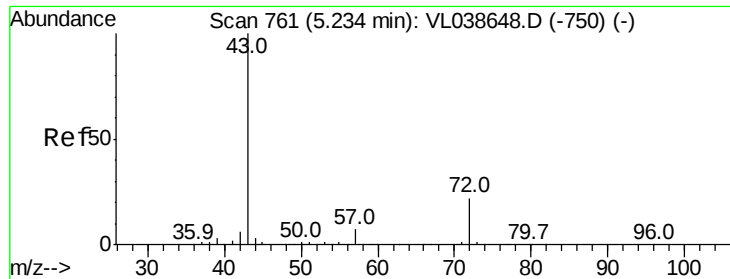


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





#34

2-Butanone

Concen: 10.15 ppbv

RT: 5.23 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

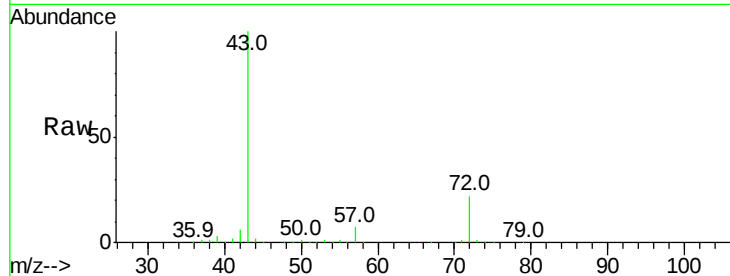
Acq: 22 Mar 2022 20:25 C0P76

Tgt Ion: 43 Resp: 898789

Ion Ratio Lower Upper

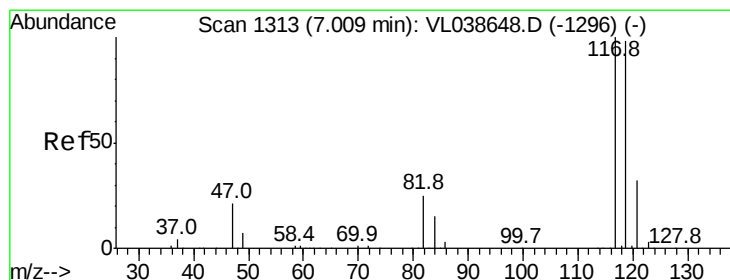
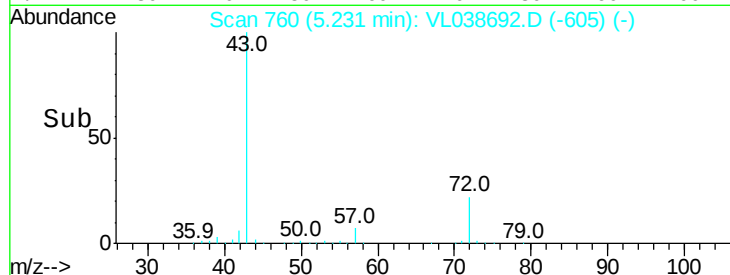
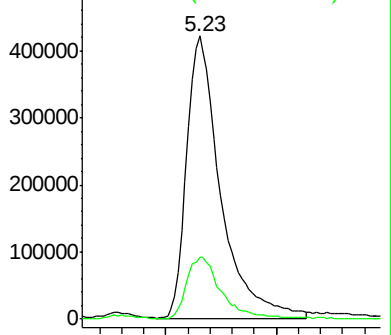
43 100

72 23.2 17.8 26.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0



#35

Carbon Tetrachloride

Concen: 0.04 ppbv

RT: 7.01 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VL038692.D

Acq: 22 Mar 2022 20:25

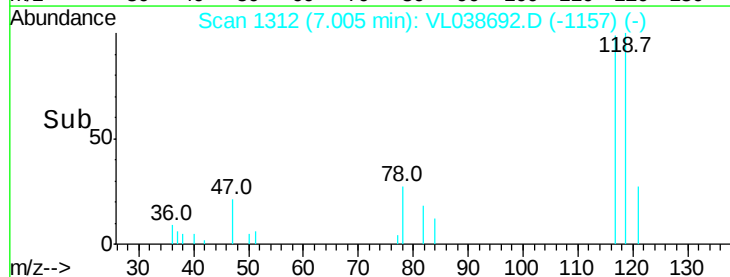
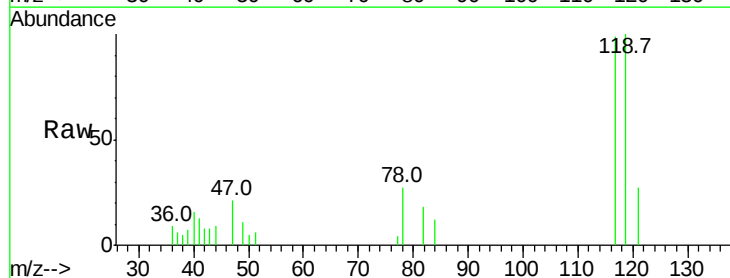
Tgt Ion: 117 Resp: 5483

Ion Ratio Lower Upper

117 100

119 91.8 78.1 117.1

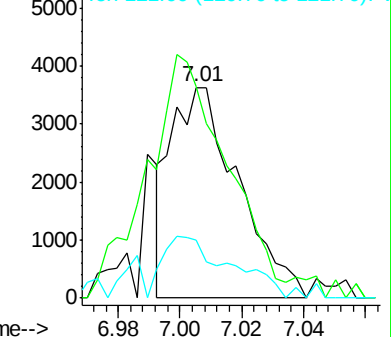
121 27.5 25.8 38.6

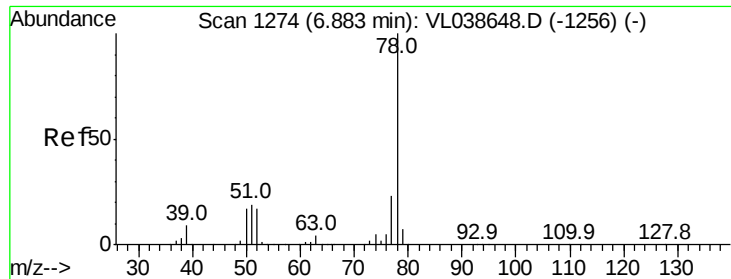


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

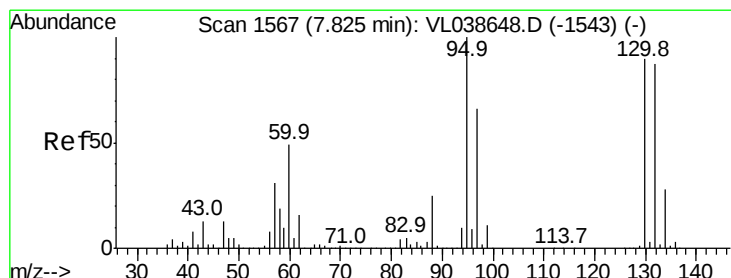
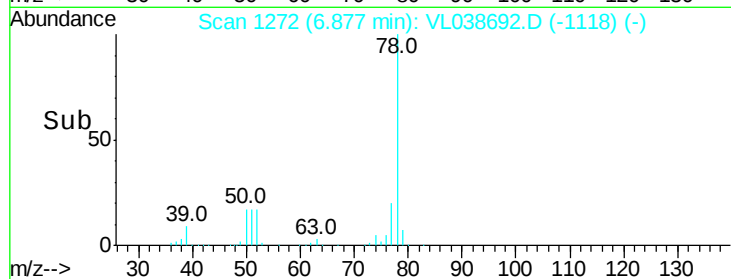
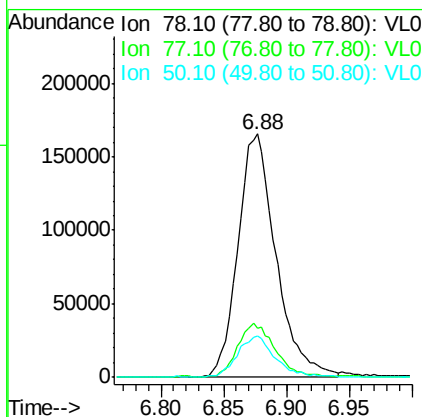
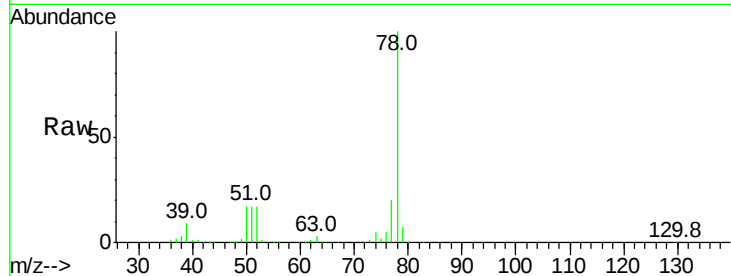
Ion 121.00 (120.70 to 121.70): V





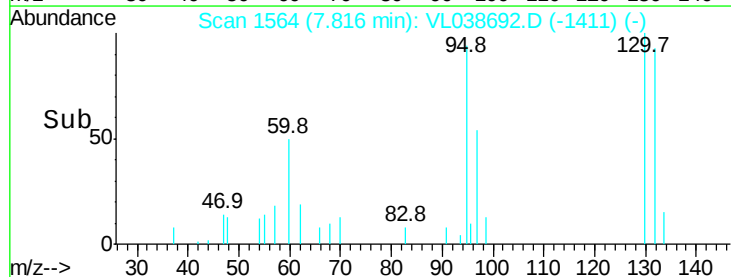
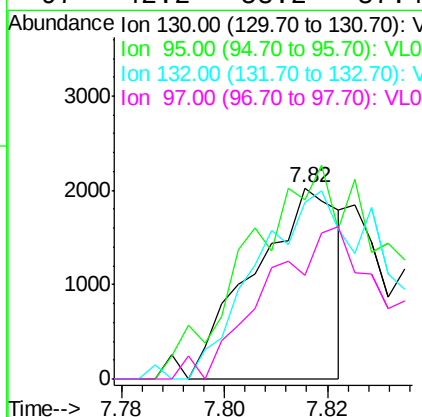
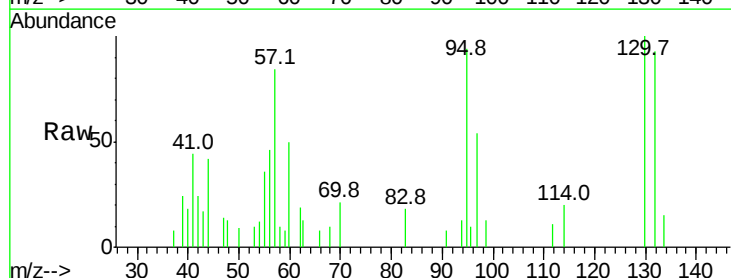
#36
Benzene
Concen: 2.02 ppbv
RT: 6.88
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 22 Mar 2022 20:25

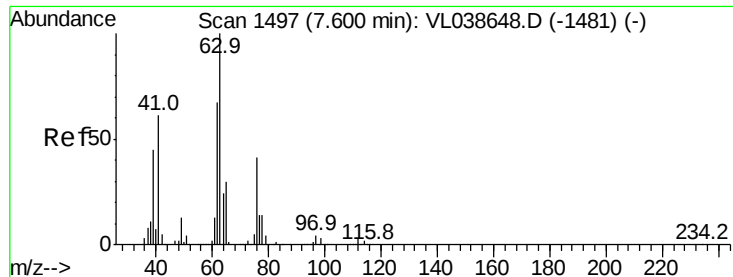
Tgt Ion: 78 Resp: 348315
Ion Ratio Lower Upper
78 100
77 19.4 18.1 27.1
50 16.4 13.6 20.4



#38
Trichloroethene
Concen: 0.03 ppbv
RT: 7.82 min Scan# 1564
Delta R.T. -0.01 min
Lab File: VL038692.D
Acq: 22 Mar 2022 20:25

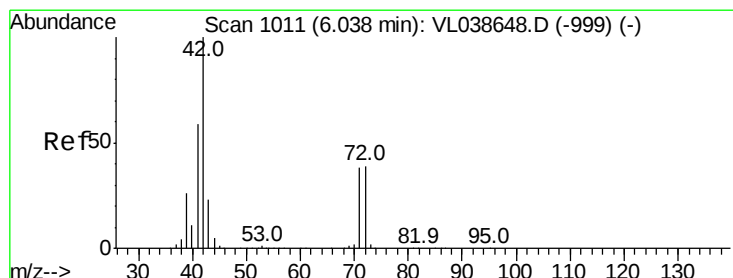
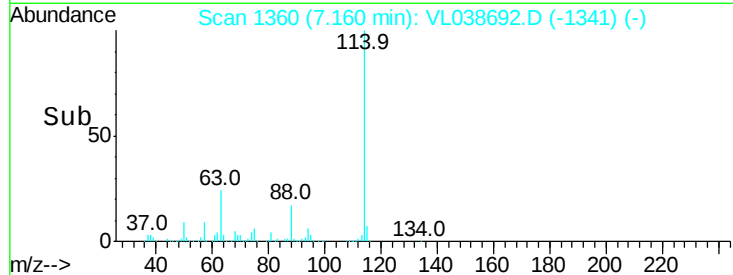
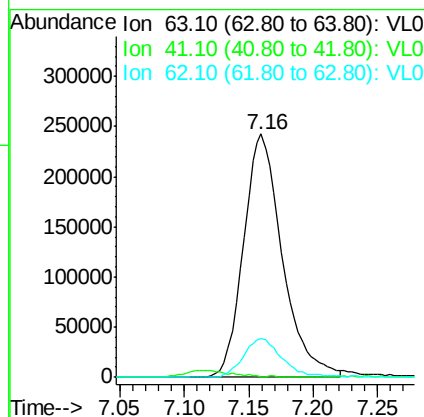
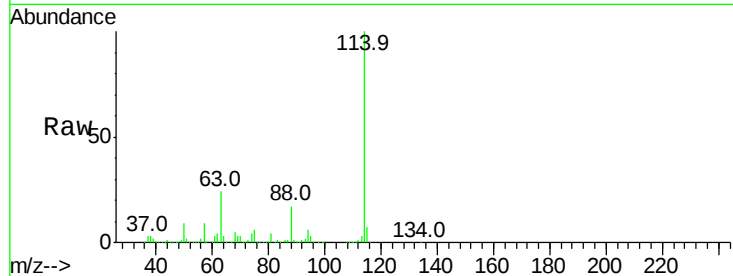
Tgt Ion: 130 Resp: 2288
Ion Ratio Lower Upper
130 100
95 75.3 88.9 133.3#
132 92.5 77.4 116.0
97 42.2 58.2 87.4#





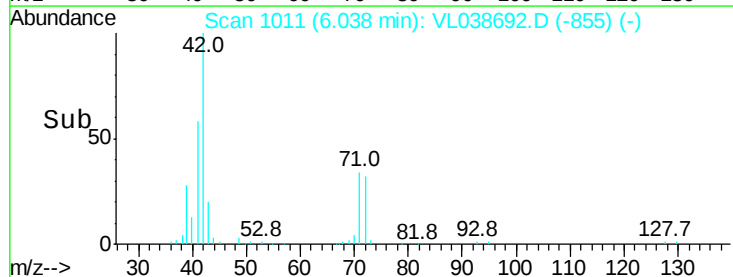
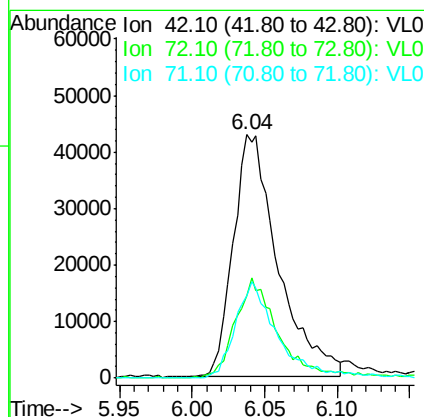
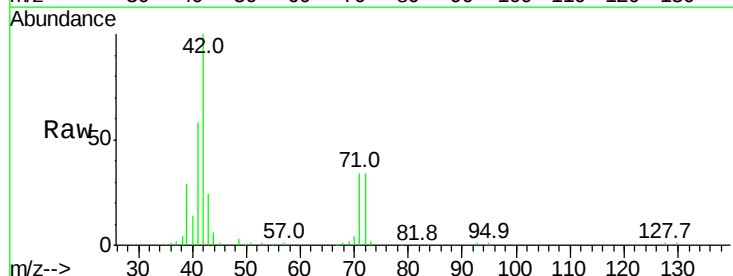
#39
 1,2-Dichloropropane
 Concen: 7.55 ppbv
 RT: 7.16
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 COP76
 Acq: 22 Mar 2022 20:25

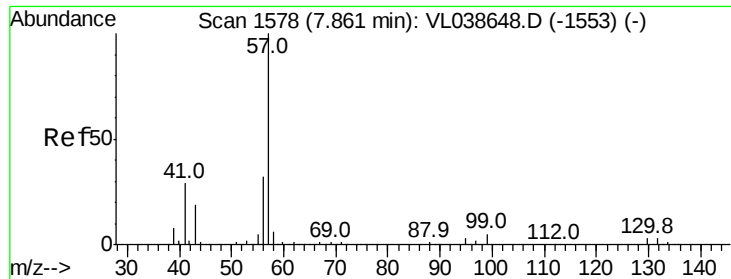
Tgt Ion	Ratio	Lower	Upper
63	100		
41	0.1	49.0	73.6#
62	16.1	53.9	80.9#



#41
 Tetrahydrofuran
 Concen: 1.40 ppbv
 RT: 6.04 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VL038692.D
 Acq: 22 Mar 2022 20:25

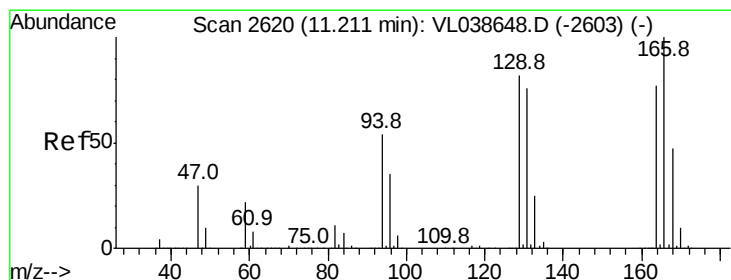
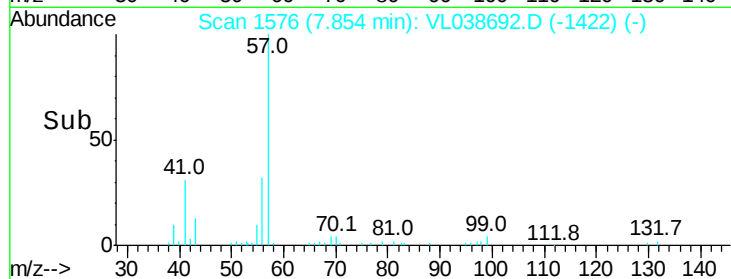
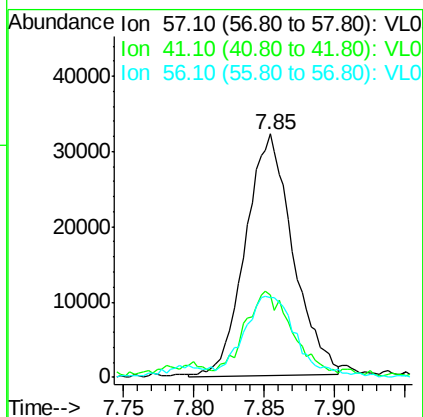
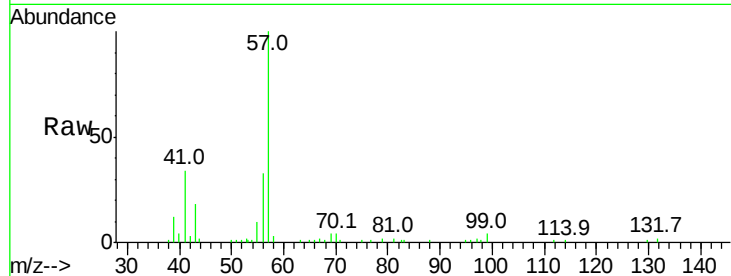
Tgt Ion	Ratio	Lower	Upper
42	100		
72	40.5	32.5	48.7
71	38.0	31.4	47.2





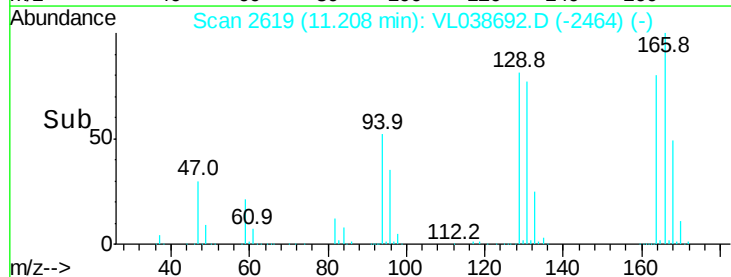
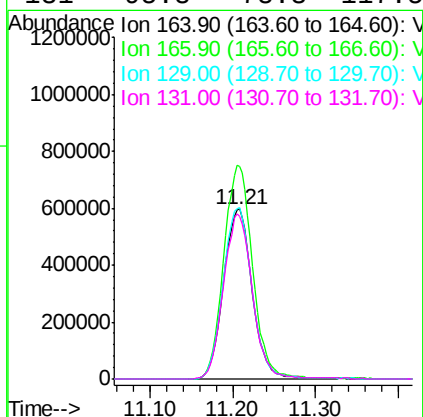
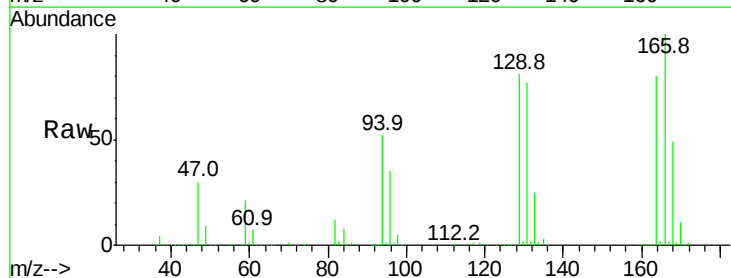
#44
 2,2,4-Trimethylpentane
 Concen: 0.26 ppbv
 RT: 7.85
 Delta R.T.:
 Lab File: MSVOA_1
 ClientSampleId: COP76
 Acq: 22 Mar 2022 20:25

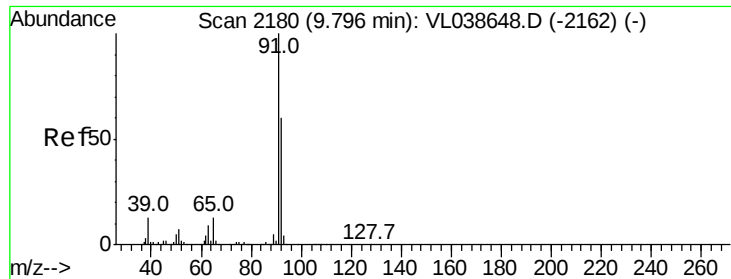
Tgt Ion: 57 Resp: 75691
 Ion Ratio Lower Upper
 57 100
 41 40.5 23.0 34.4#
 56 41.8 25.3 37.9#



#52
 Tetrachloroethene
 Concen: 22.75 ppbv
 RT: 11.21 min Scan# 2619
 Delta R.T.: -0.00 min
 Lab File: VL038692.D
 Acq: 22 Mar 2022 20:25

Tgt Ion: 164 Resp: 1437632
 Ion Ratio Lower Upper
 164 100
 166 125.0 103.3 154.9
 129 100.8 85.2 127.8
 131 95.8 78.3 117.5





#53

Toluene

Concen: 2.84 ppbv

RT: 9.79 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: COP76

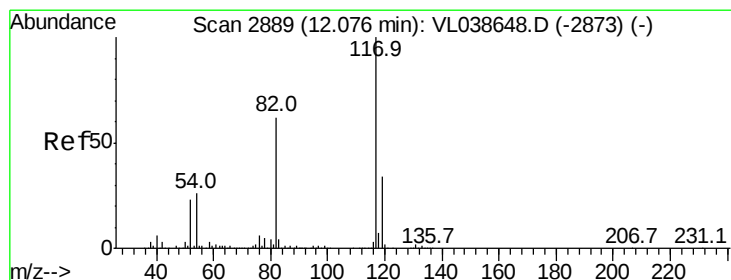
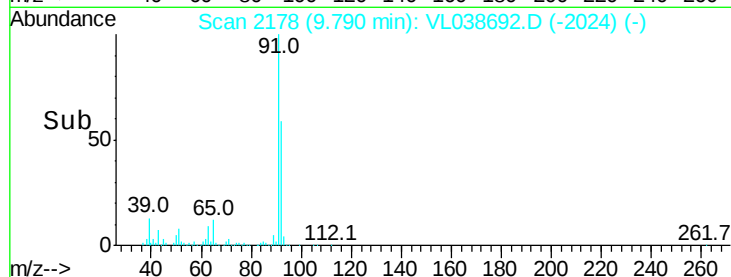
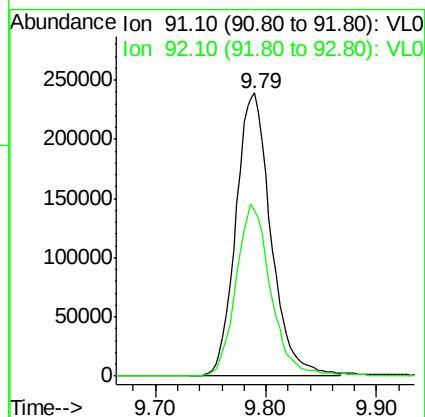
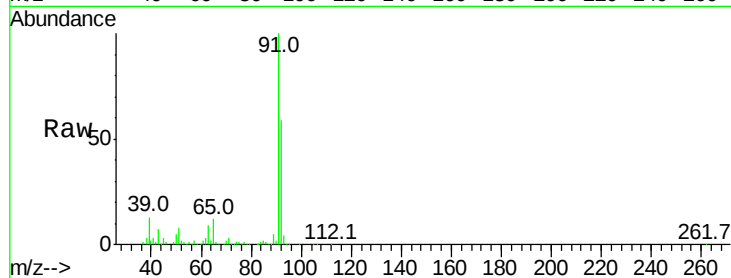
Acq: 22 Mar 2022 20:25

Tgt Ion: 91 Resp: 527084

Ion Ratio Lower Upper

91 100

92 60.7 48.7 73.1



#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.07 min Scan# 2886

Delta R.T. -0.01 min

Lab File: VL038692.D

Acq: 22 Mar 2022 20:25

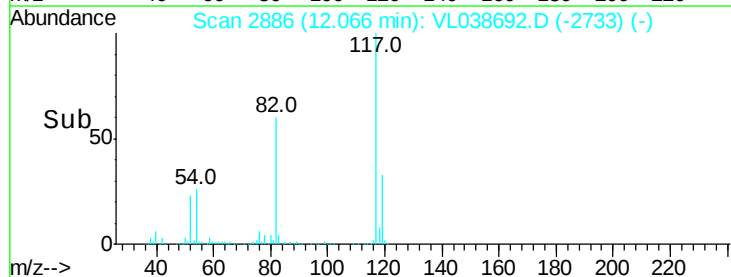
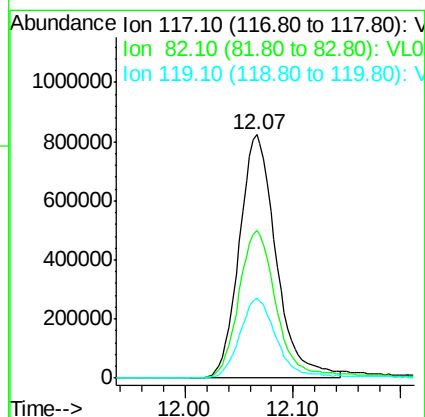
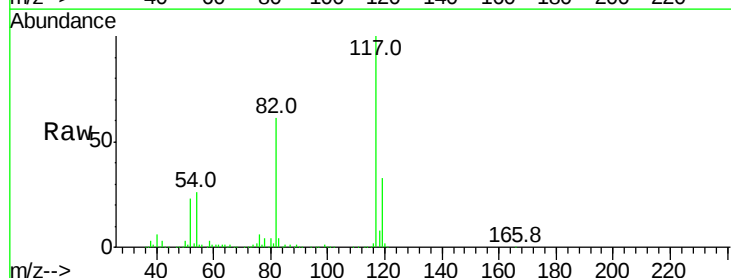
Tgt Ion: 117 Resp: 1961327

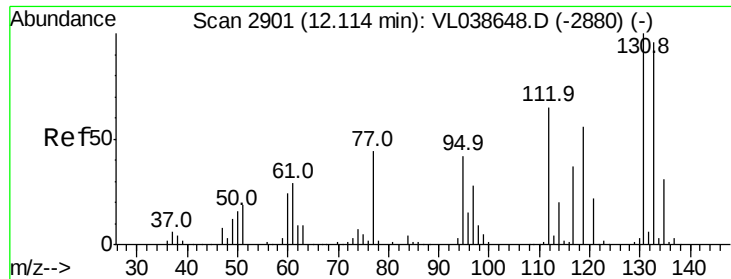
Ion Ratio Lower Upper

117 100

82 63.9 51.6 77.4

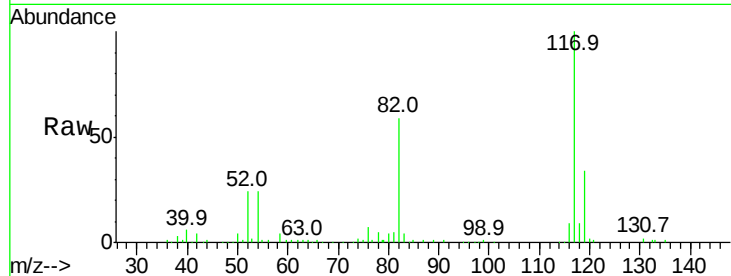
119 34.1 26.9 40.3



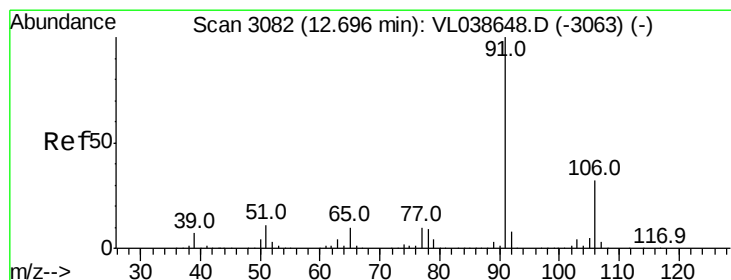
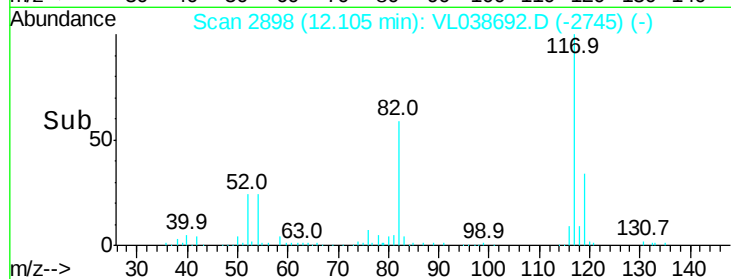
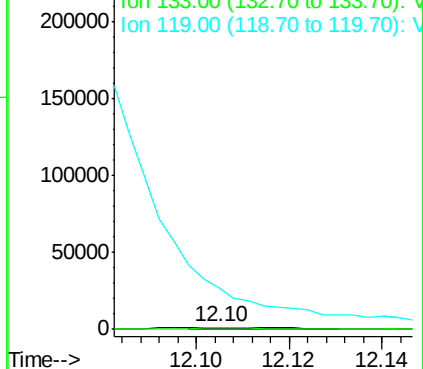


#56
 1,1,1,2-Tetrachloroethane
 Concen: 0.02 ppbv
 RT: 12.10 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 C0P76
 Acq: 22 Mar 2022 20:25

Tgt Ion: 131 Resp: 1701
 Ion Ratio Lower Upper
 131 100
 133 93.7 77.3 115.9
 119 0.0 53.0 79.6#

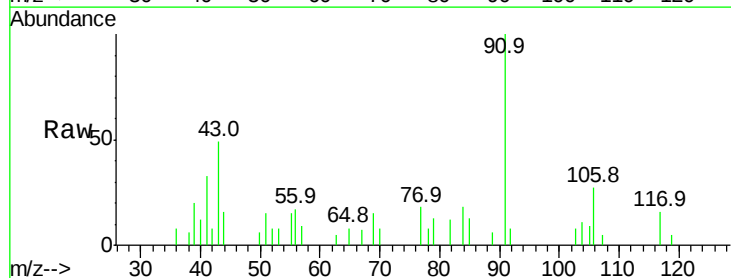


Abundance Ion 131.00 (130.70 to 131.70): V
 Ion 133.00 (132.70 to 133.70): V
 Ion 119.00 (118.70 to 119.70): V

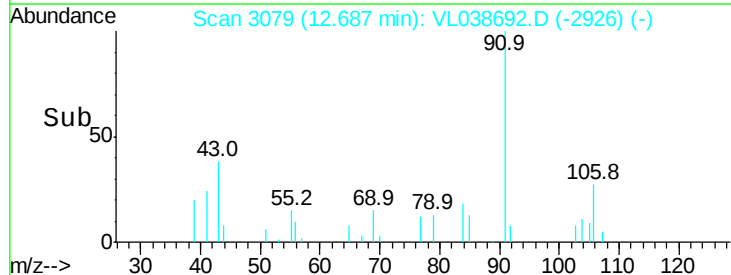
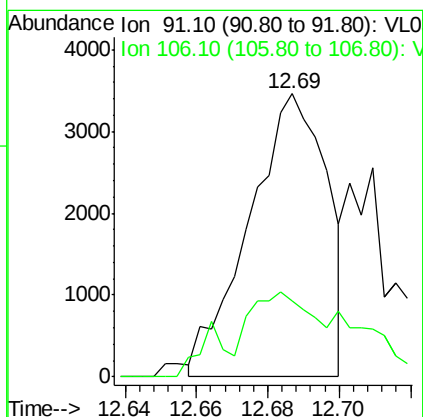


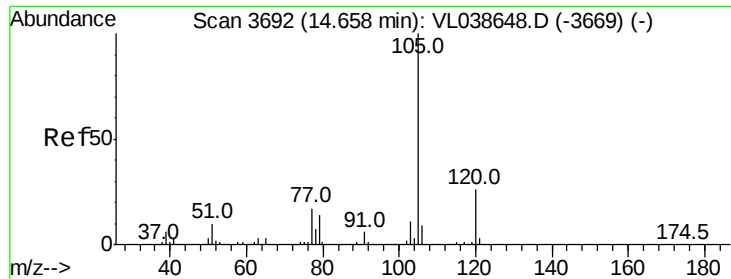
#58
 Ethyl Benzene
 Concen: 0.02 ppbv
 RT: 12.69 min Scan# 3079
 Delta R.T. -0.01 min
 Lab File: VL038692.D
 Acq: 22 Mar 2022 20:25

Tgt Ion: 91 Resp: 5234
 Ion Ratio Lower Upper
 91 100
 106 19.4 25.4 38.0#



Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 106.10 (105.80 to 106.80): V





#62

Isopropylbenzene

Concen: 0.18 ppbv

RT: 14.64

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

COP76

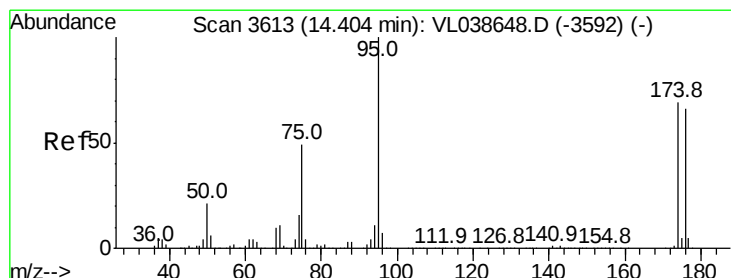
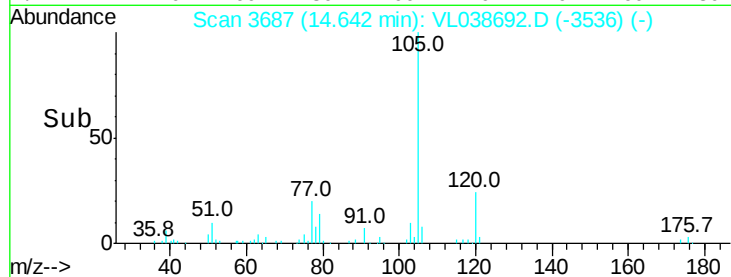
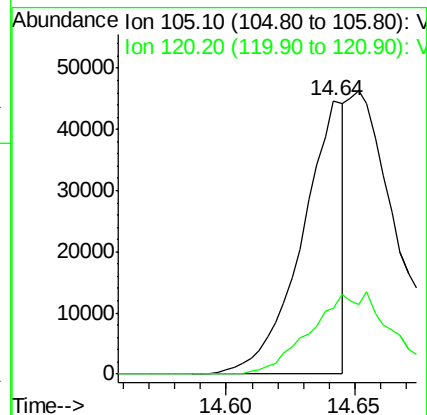
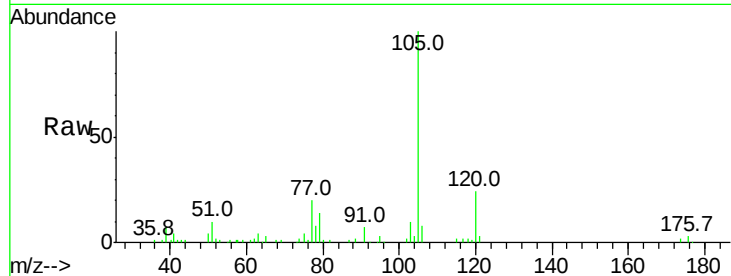
Acq: 22 Mar 2022 20:25

Tgt Ion: 105 Resp: 50825

Ion Ratio Lower Upper

105 100

120 0.0 21.2 31.8#



#68

1-Bromo-4-Fluorobenzene

Concen: 9.31 ppbv

RT: 14.39 min Scan# 3610

Delta R.T. -0.01 min

Lab File: VL038692.D

Acq: 22 Mar 2022 20:25

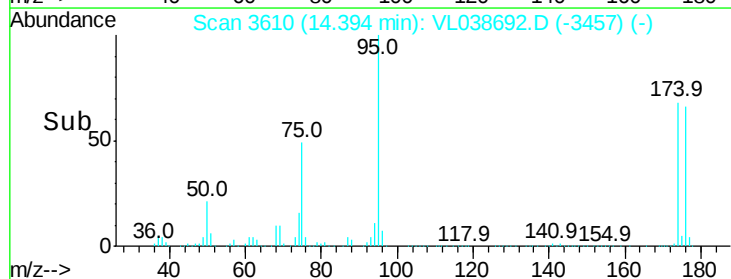
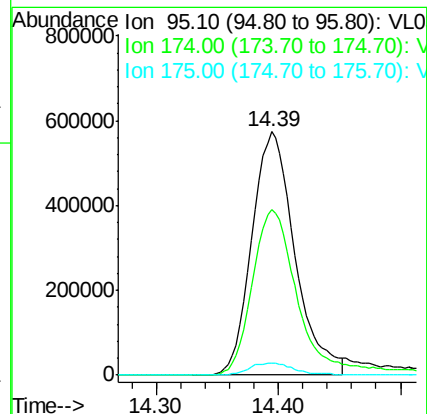
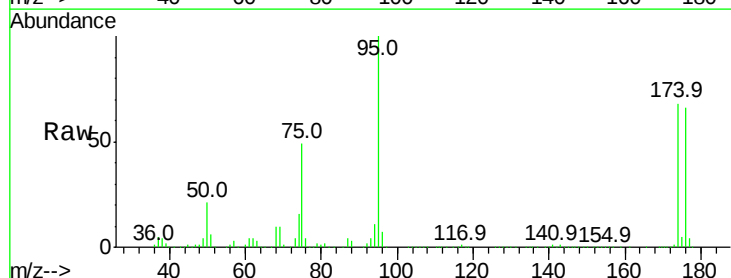
Tgt Ion: 95 Resp: 1399748

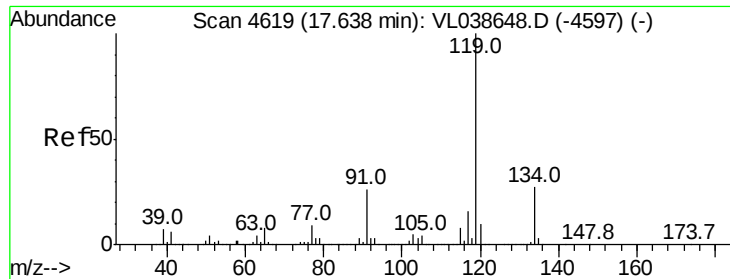
Ion Ratio Lower Upper

95 100

174 75.5 56.1 84.1

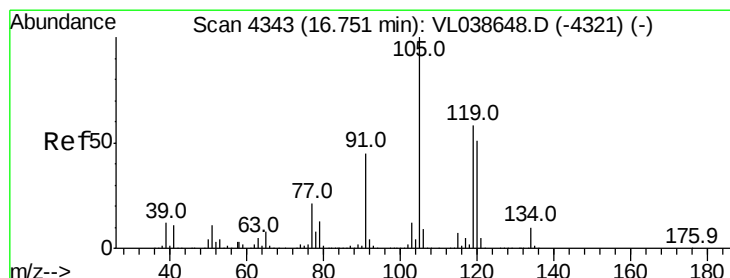
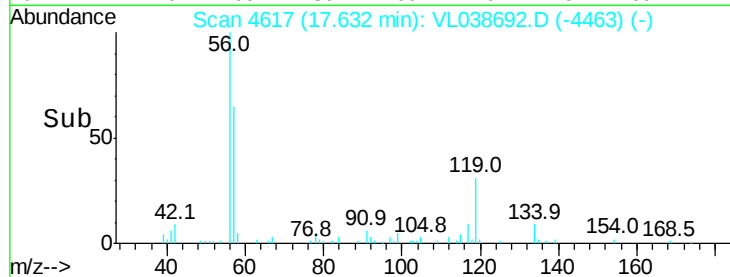
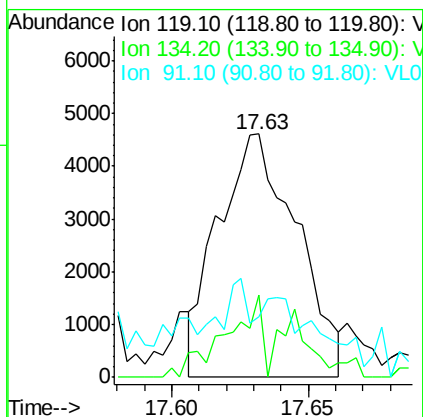
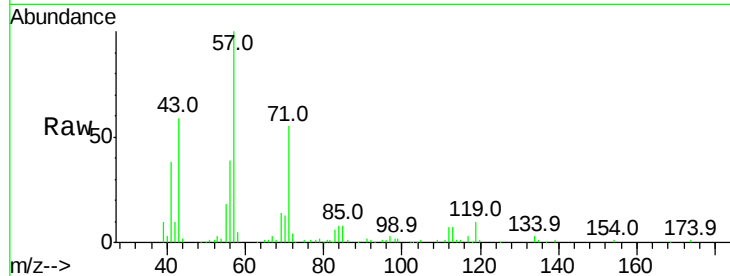
175 5.5 4.2 6.2





#69
 p-Isopropyltoluene
 Concen: 0.03 ppbv
 RT: 17.63
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 C0P76
 Acq: 22 Mar 2022 20:25

Tgt Ion:119 Resp: 9255
 Ion Ratio Lower Upper
 119 100
 134 15.5 21.2 31.8#
 91 80.3 21.4 32.2#



#74
 1,2,4-Trimethylbenzene
 Concen: 0.08 ppbv
 RT: 16.74 min Scan# 4340
 Delta R.T. -0.01 min
 Lab File: VL038692.D
 Acq: 22 Mar 2022 20:25

Tgt Ion:105 Resp: 17421
 Ion Ratio Lower Upper
 105 100
 120 45.7 40.5 60.7
 91 15.0 35.9 53.9#
 77 18.3 16.6 25.0

