

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030822\
 Data File : VL038558.D
 Acq On : 8 Mar 2022 14:16
 Operator : SY/AP
 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

Quant Time: Mar 08 14:50:21 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 08 13:53:01 2022
 QLast Update : Tue Mar 08 13:53:01 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	952815	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2355636	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2051907	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1570221	9.25	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.50%

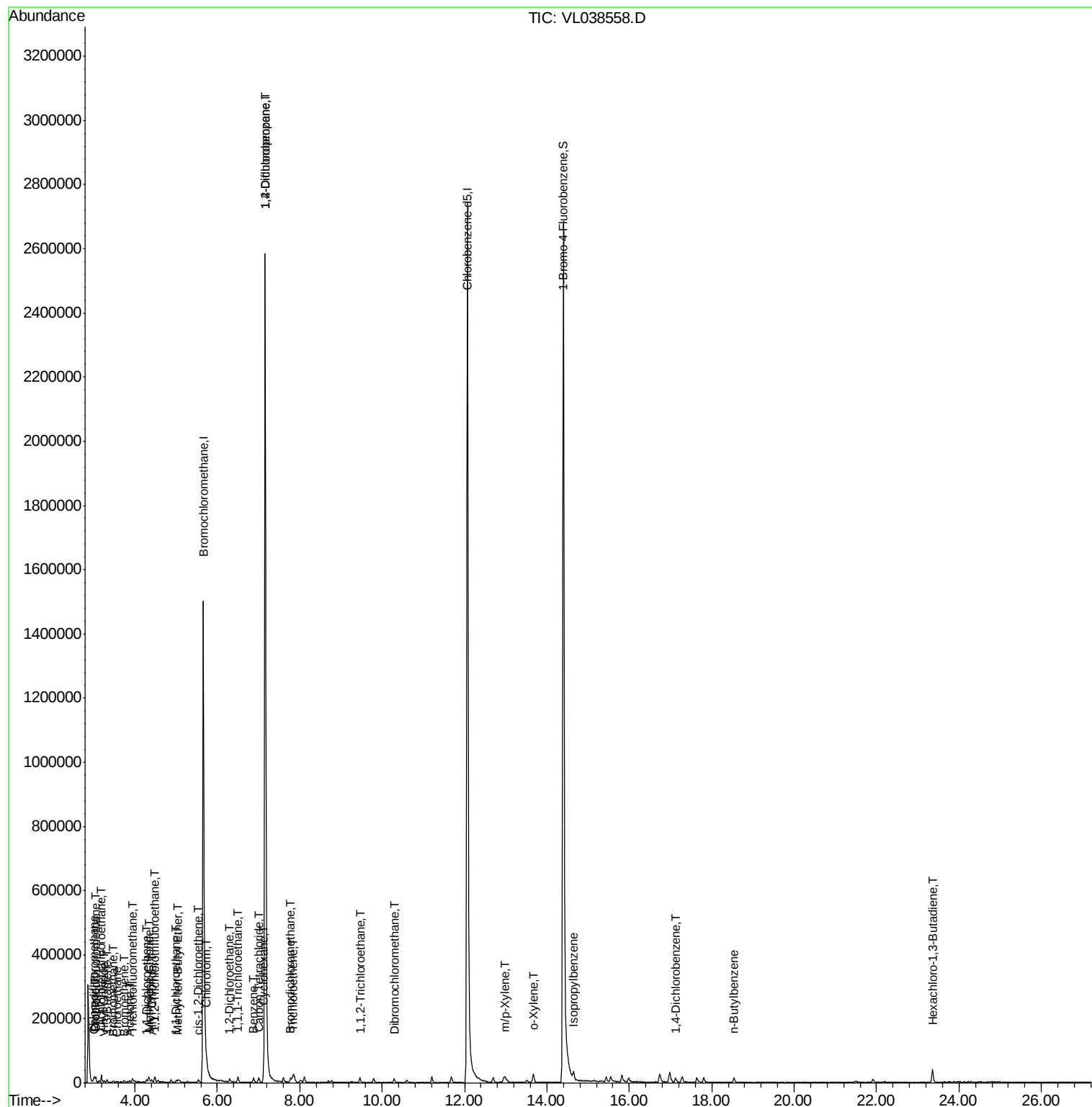
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.04	85	12676	0.08	ppbv	91
3) Chlorodifluoromethane	2.98	51	12289	0.07	ppbv	97
5) Vinyl Chloride	3.25	62	3918	0.06	ppbv	90
6) Bromomethane	3.47	94	1085	0.03	ppbv	87
7) Chloroethane	3.55	64	1254	0.06	ppbv #	41
8) Dichlorotetrafluoroethane	3.18	85	5738	0.04	ppbv #	13
9) Propene	3.01	41	3643	0.07	ppbv #	15
11) Trichlorofluoromethane	3.95	101	8307	0.06	ppbv	96
12) 1,1,2-Trichlorotrifluoroet	4.47	101	3474	0.03	ppbv #	10
14) Bromoethene	3.74	108	2044	0.05	ppbv #	62
15) Acetone	3.87	43	3539	0.04	ppbv #	32
16) 1,3-Butadiene	3.32	39	1723	0.03	ppbv #	1
18) 1,1-Dichloroethene	4.28	96	1842	0.04	ppbv #	69
20) Methylene Chloride	4.34	84	1540	0.04	ppbv #	62
21) Allyl Chloride	4.41	41	4522	0.07	ppbv #	85
24) 1,1-Dichloroethane	5.00	63	5921	0.06	ppbv #	88
28) Methyl tert-Butyl Ether	5.05	73	5020	0.05	ppbv	99
29) Chloroform	5.74	83	6288	0.04	ppbv	98
30) Cyclohexane	7.12	84	3365	0.04	ppbv #	4
31) cis-1,2-Dichloroethene	5.54	61	5751	0.06	ppbv #	81
32) 1,1,1-Trichloroethane	6.50	97	5470	0.03	ppbv #	29
35) Carbon Tetrachloride	7.01	117	10085	0.06	ppbv #	85
36) Benzene	6.87	78	6943	0.03	ppbv #	88
37) 1,2-Dichloroethane	6.29	62	3870	0.03	ppbv #	79
38) Trichloroethene	7.82	130	2491	0.03	ppbv #	79
39) 1,2-Dichloropropane	7.16	63	560419	6.78	ppbv #	27
42) Bromodichloromethane	7.78	83	6786	0.04	ppbv #	83
47) 1,1,2-Trichloroethane	9.46	97	2855	0.03	ppbv #	90
48) Dibromochloromethane	10.29	129	4710	0.04	ppbv	56
59) m/p-Xylene	12.99	91	7313	0.03	ppbv #	1
60) o-Xylene	13.68	91	9943	0.04	ppbv	98
62) Isopropylbenzene	14.65	105	14062	0.05	ppbv #	83
70) n-Butylbenzene	18.54	91	10059	0.03	ppbv	94
76) 1,4-Dichlorobenzene	17.13	146	4665	0.04	ppbv #	33
78) Hexachloro-1,3-Butadiene	23.36	225	5087	0.05	ppbv #	3

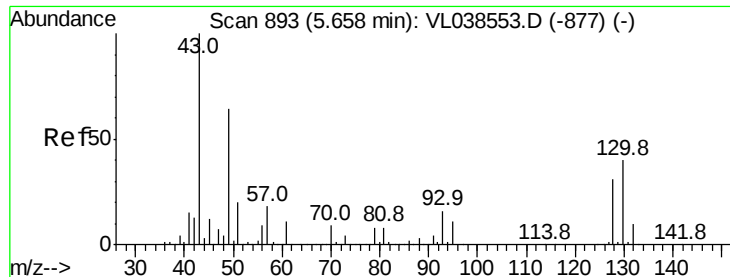
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030822\
Data File : VL038558.D
Acq On : 8 Mar 2022 14:16
Operator : SY/AP
Sample : VSTDICC0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Quant Time: Mar 08 14:50:21 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 08 13:53:01 2022
QLast Update : Tue Mar 08 13:53:01 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Mar 2022 14:16 VSTDIC0.03

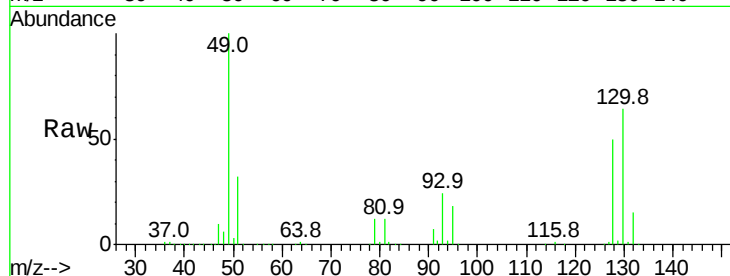
Tgt Ion: 49 Resp: 952815

Ion Ratio Lower Upper

49 100

128 51.1 26.4 79.2

130 66.0 33.0 98.9



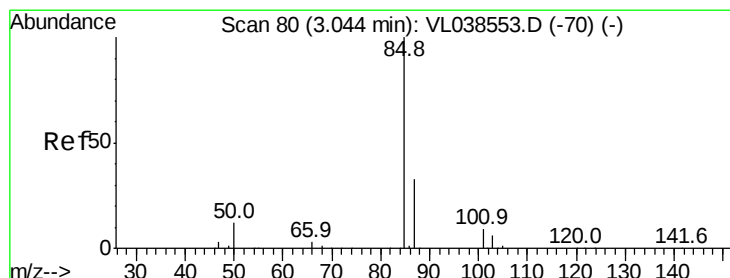
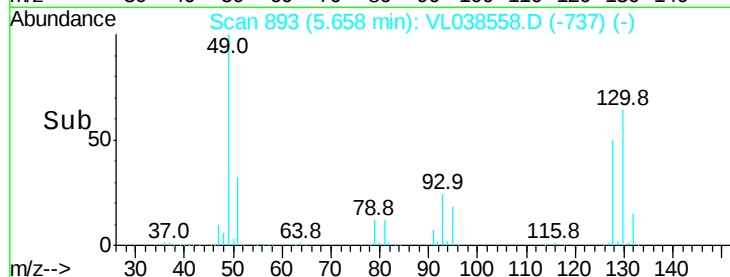
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.66

Time-->



#2

Dichlorodifluoromethane

Concen: 0.08 ppbv

RT: 3.04 min Scan# 80

Delta R.T. -0.00 min

Lab File: VL038558.D

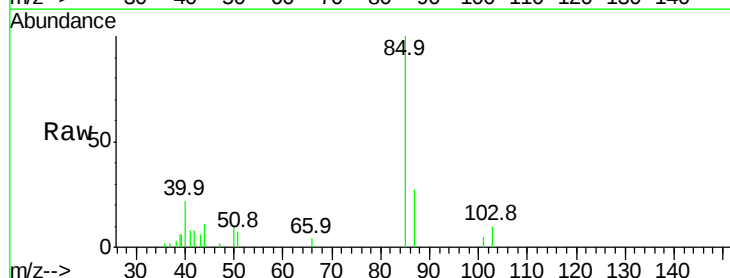
Acq: 8 Mar 2022 14:16

Tgt Ion: 85 Resp: 12676

Ion Ratio Lower Upper

85 100

87 27.5 26.2 39.2

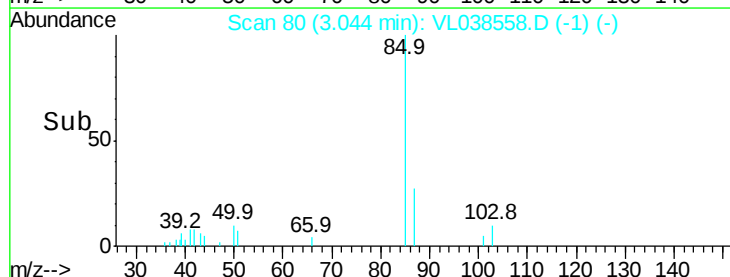


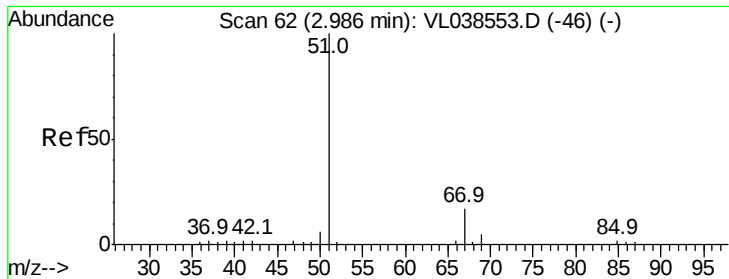
Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

3.04

Time-->





#3

Chlorodifluoromethane

Concen: 0.07 ppbv

RT: 2.98 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDIC00.03

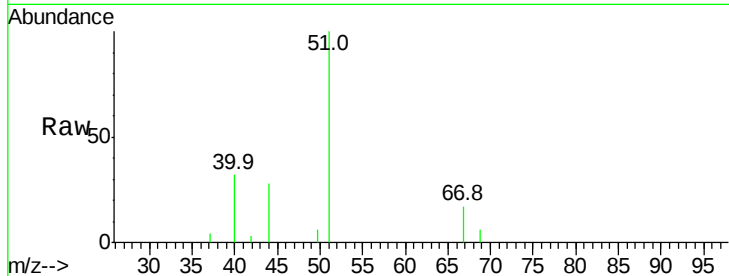
Acq: 8 Mar 2022 14:16

Tgt Ion: 51 Resp: 12289

Ion Ratio Lower Upper

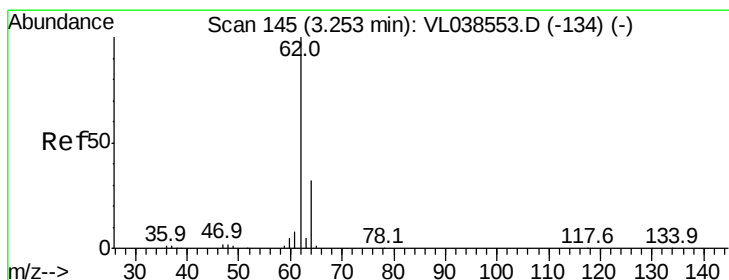
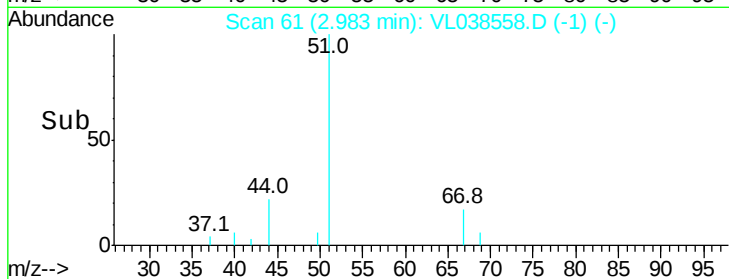
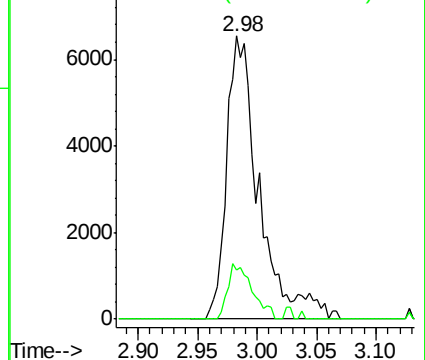
51 100

67 15.6 13.6 20.4



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#5

Vinyl Chloride

Concen: 0.06 ppbv

RT: 3.25 min Scan# 145

Delta R.T. -0.00 min

Lab File: VL038558.D

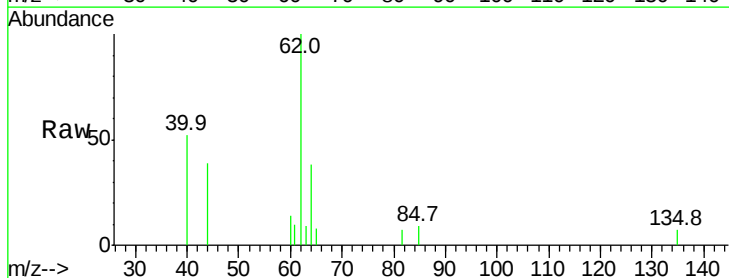
Acq: 8 Mar 2022 14:16

Tgt Ion: 62 Resp: 3918

Ion Ratio Lower Upper

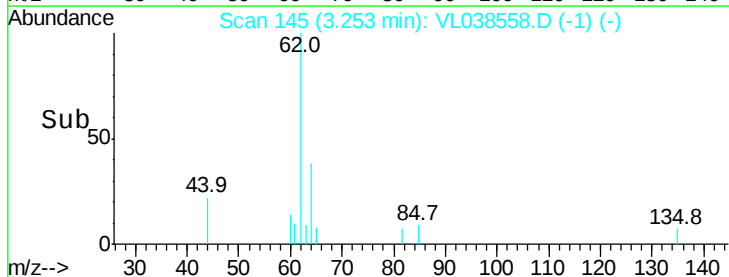
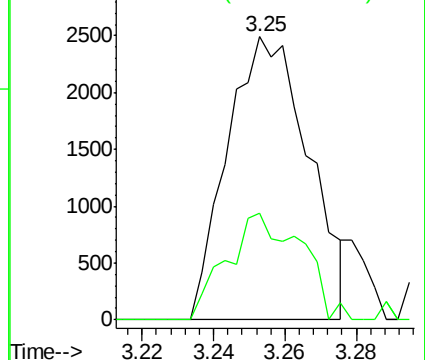
62 100

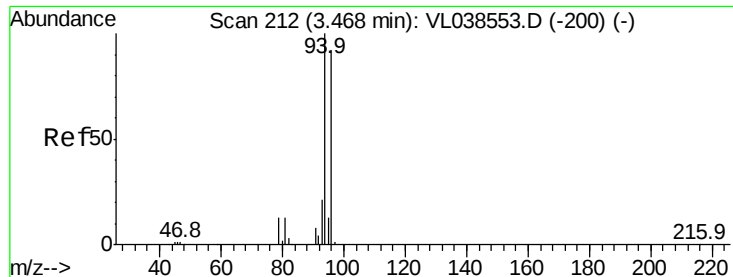
64 37.6 25.8 38.6



Abundance Ion 62.10 (61.80 to 62.80): VL0

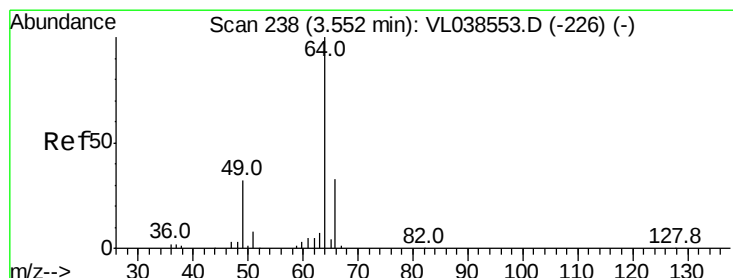
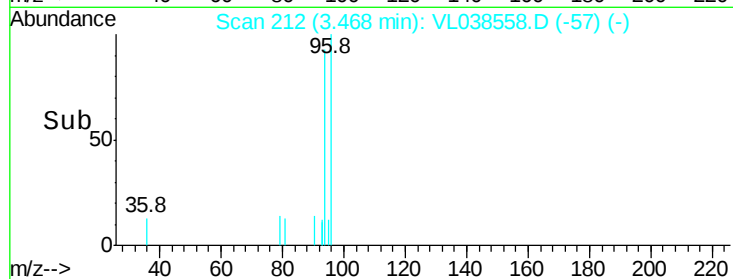
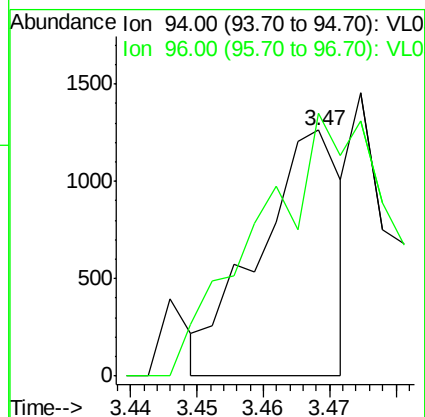
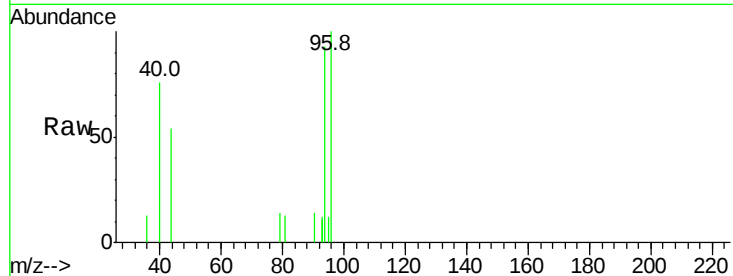
Ion 64.10 (63.80 to 64.80): VL0





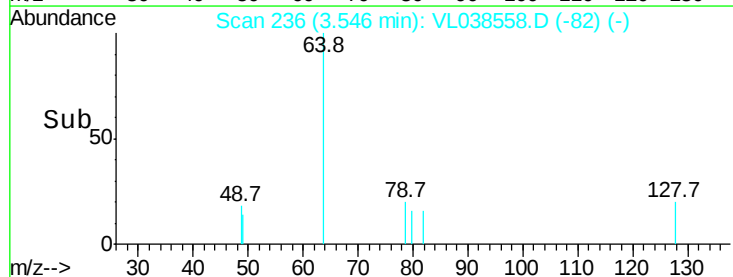
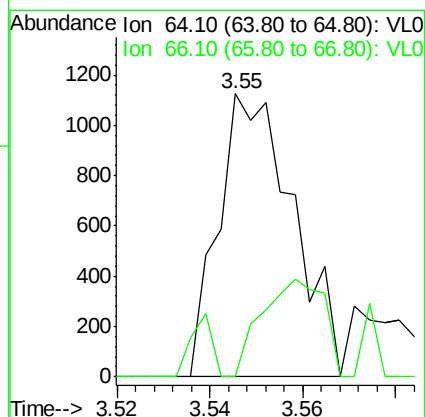
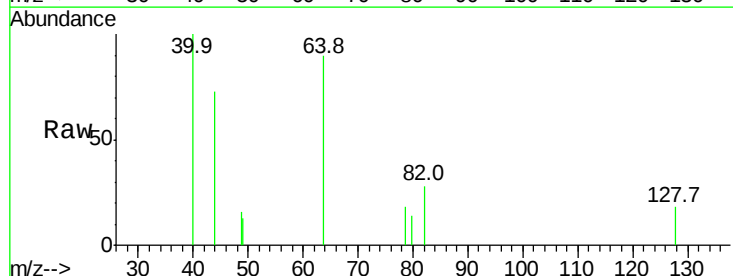
#6
Bromomethane
Concen: 0.03 ppbv
RT: 3.47
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 8 Mar 2022 14:16

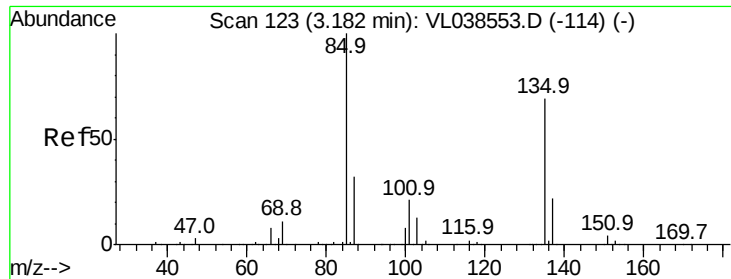
Tgt Ion: 94 Resp: 1085
Ion Ratio Lower Upper
94 100
96 104.2 73.7 110.5



#7
Chloroethane
Concen: 0.06 ppbv
RT: 3.55 min Scan# 236
Delta R.T. -0.01 min
Lab File: VL038558.D
Acq: 8 Mar 2022 14:16

Tgt Ion: 64 Resp: 1254
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#





#8

Dichlorotetrafluoroethane

Concen: 0.04 ppbv

RT: 3.18 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

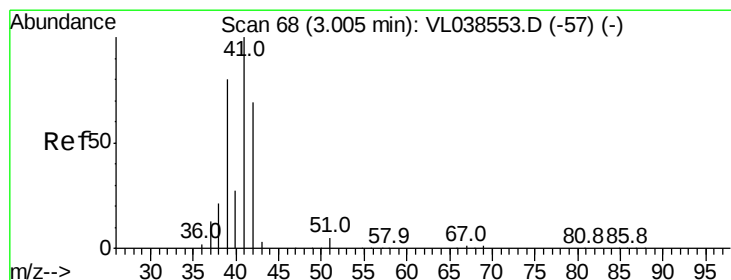
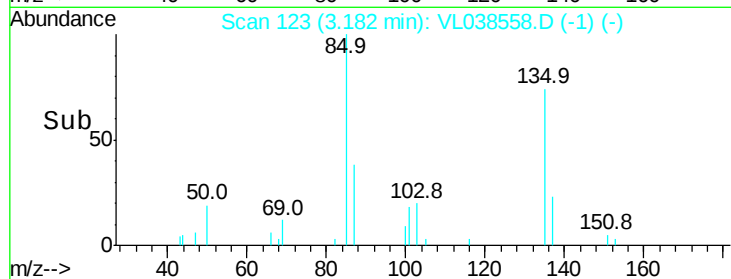
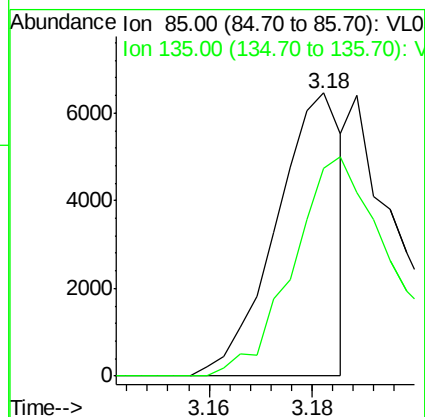
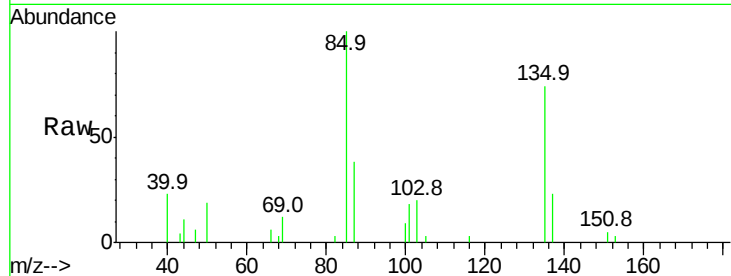
Acq: 8 Mar 2022 14:16 VSTDIC00.03

Tgt Ion: 85 Resp: 5738

Ion Ratio Lower Upper

85 100

135 0.0 59.0 88.4#



#9

Propene

Concen: 0.07 ppbv

RT: 3.01 min Scan# 68

Delta R.T. -0.00 min

Lab File: VL038558.D

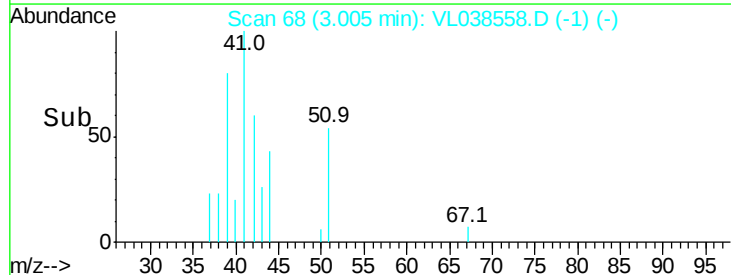
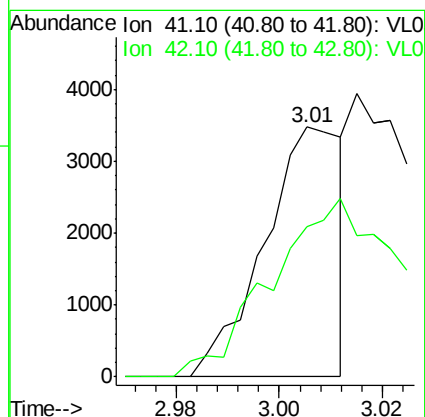
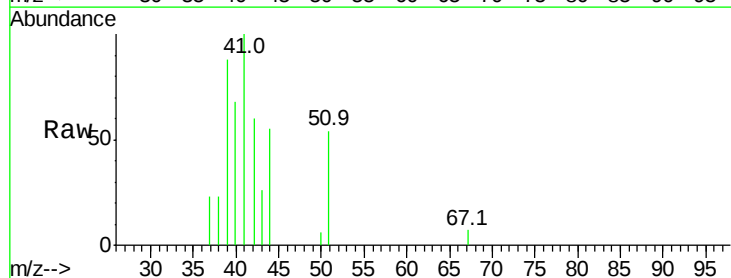
Acq: 8 Mar 2022 14:16

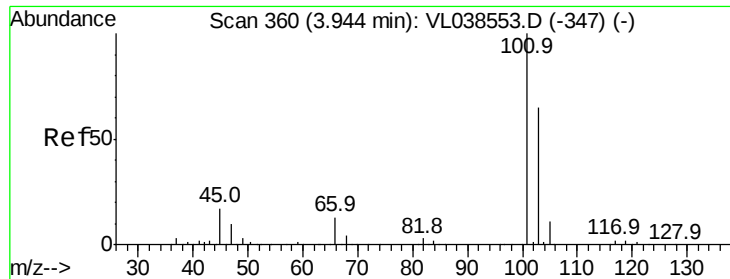
Tgt Ion: 41 Resp: 3643

Ion Ratio Lower Upper

41 100

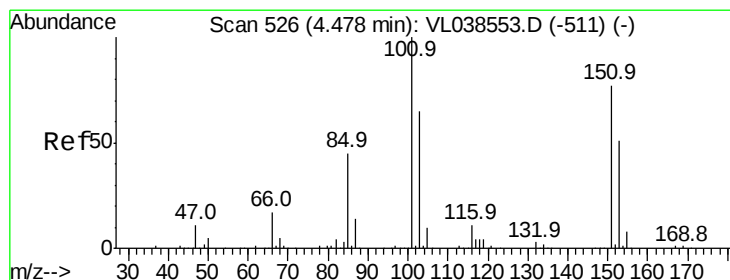
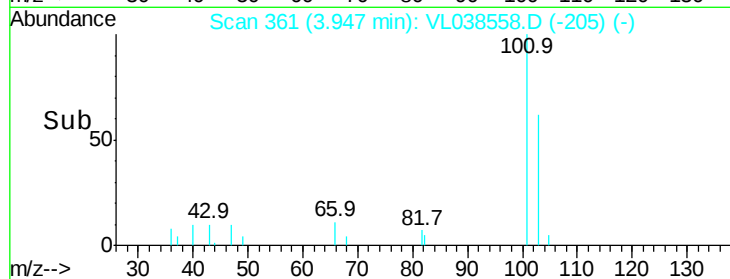
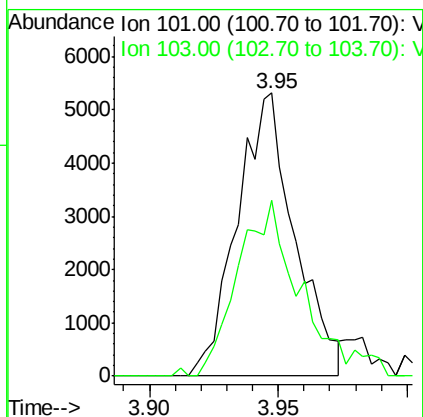
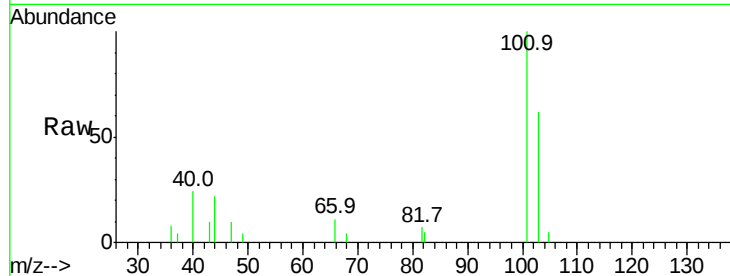
42 0.0 55.7 83.5#





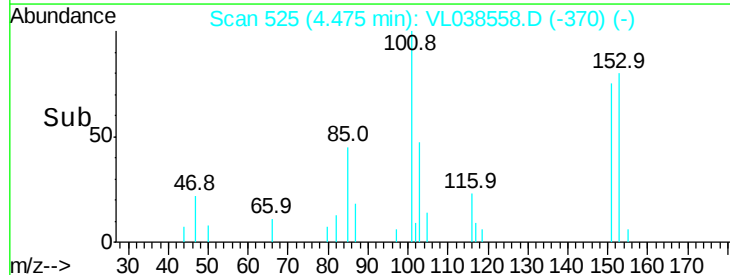
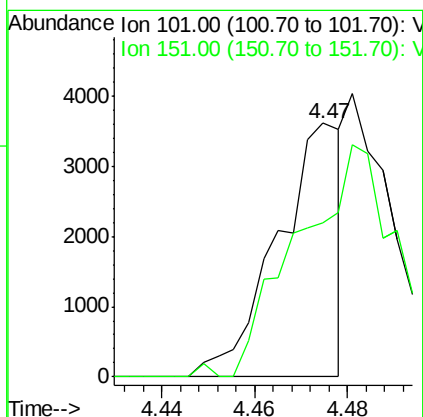
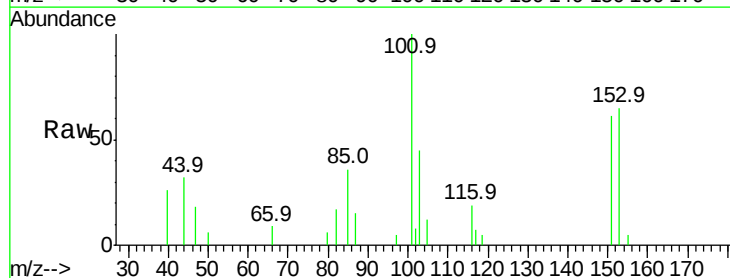
#11
 Trichlorofluoromethane
 Concen: 0.06 ppbv
 RT: 3.95
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC0.03
 Acq: 8 Mar 2022 14:16

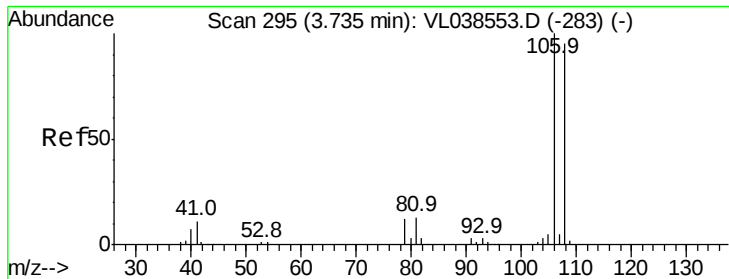
Tgt Ion:101 Resp: 8307
 Ion Ratio Lower Upper
 101 100
 103 61.9 52.0 78.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.03 ppbv
 RT: 4.47 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: VL038558.D
 Acq: 8 Mar 2022 14:16

Tgt Ion:101 Resp: 3474
 Ion Ratio Lower Upper
 101 100
 151 0.0 63.4 95.0#





#14

Bromoethene

Concen: 0.05 ppbv

RT: 3.74 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 8 Mar 2022 14:16 VSTDIC0.03

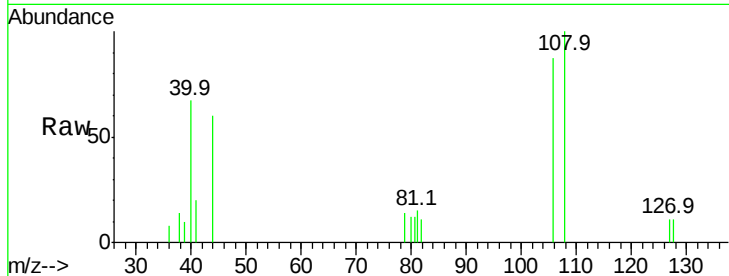
Tgt Ion: 108 Resp: 2044

Ion Ratio Lower Upper

108 100

106 146.3 85.9 128.9#

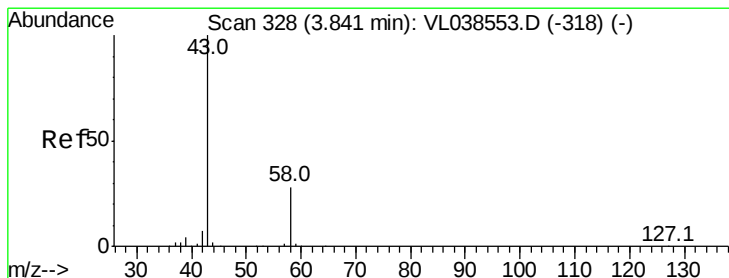
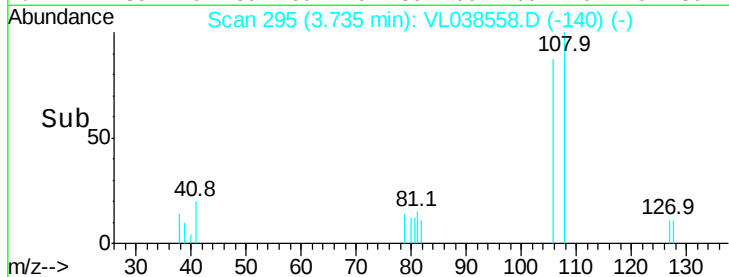
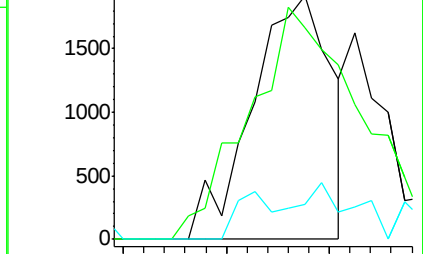
79 32.8 11.0 16.6#



Abundance Ion 108.00 (107.70 to 108.70): V

Ion 106.00 (105.70 to 106.70): V

Ion 79.00 (78.70 to 79.70): VLO



#15

Acetone

Concen: 0.04 ppbv

RT: 3.87 min Scan# 338

Delta R.T. 0.03 min

Lab File: VL038558.D

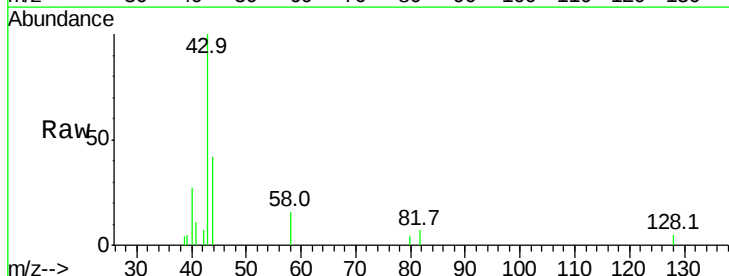
Acq: 8 Mar 2022 14:16

Tgt Ion: 43 Resp: 3539

Ion Ratio Lower Upper

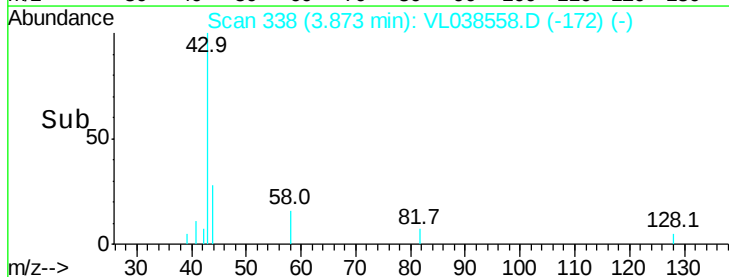
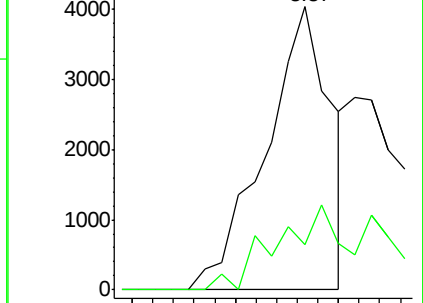
43 100

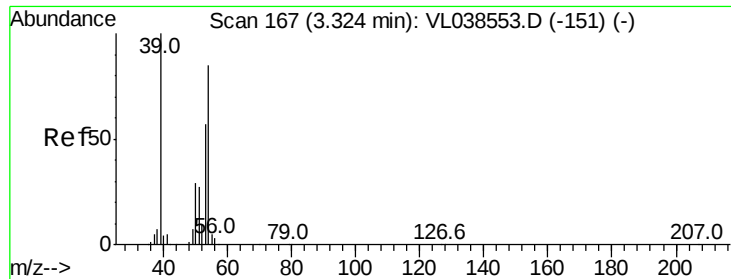
58 64.4 22.7 34.1#



Abundance Ion 43.10 (42.80 to 43.80): VLO

Ion 58.10 (57.80 to 58.80): VLO





#16

1,3-Butadiene

Concen: 0.03 ppbv

RT: 3.32 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

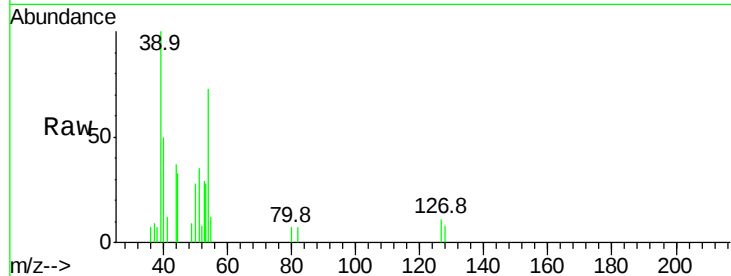
Acq: 8 Mar 2022 14:16 VSTDIC0.03

Tgt Ion: 39 Resp: 1723

Ion Ratio Lower Upper

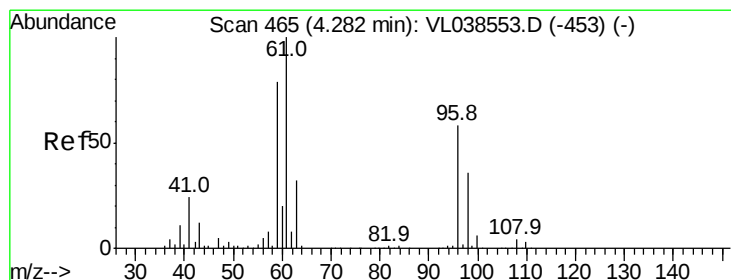
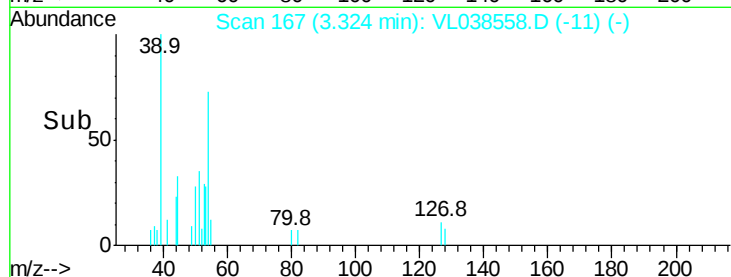
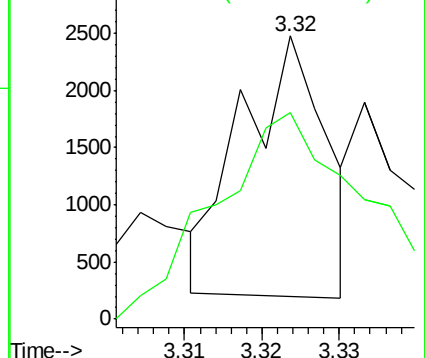
39 100

54 176.3 64.2 96.2#



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0



#18

1,1-Dichloroethene

Concen: 0.04 ppbv

RT: 4.28 min Scan# 465

Delta R.T. -0.00 min

Lab File: VL038558.D

Acq: 8 Mar 2022 14:16

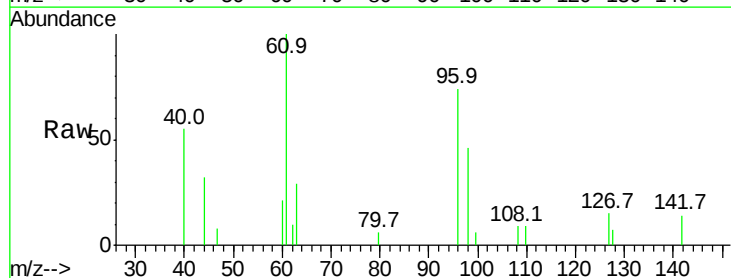
Tgt Ion: 96 Resp: 1842

Ion Ratio Lower Upper

96 100

61 116.8 137.4 206.0#

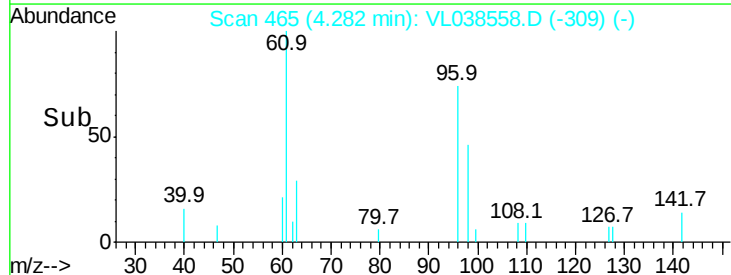
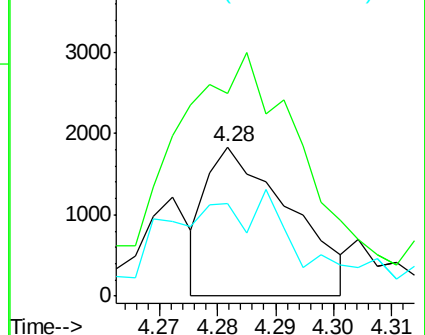
98 56.0 49.3 73.9

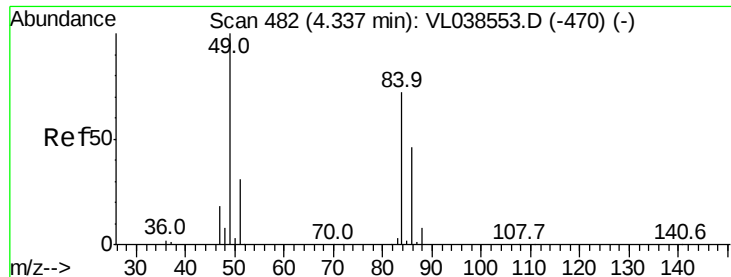


Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0





#20

Methylene Chloride

Concen: 0.04 ppbv

RT: 4.34 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 8 Mar 2022 14:16

Tgt Ion: 84 Resp: 1540

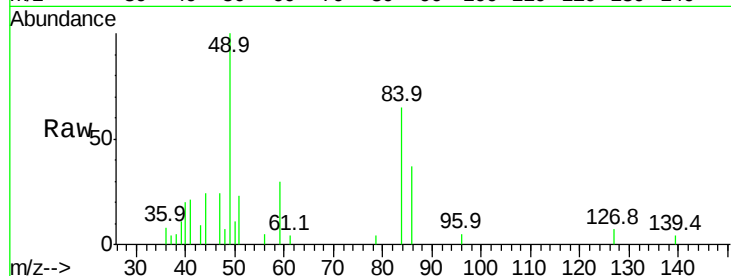
Ion Ratio Lower Upper

84 100

49 161.4 111.1 166.7

51 17.8 34.0 51.0#

86 0.0 50.9 76.3#

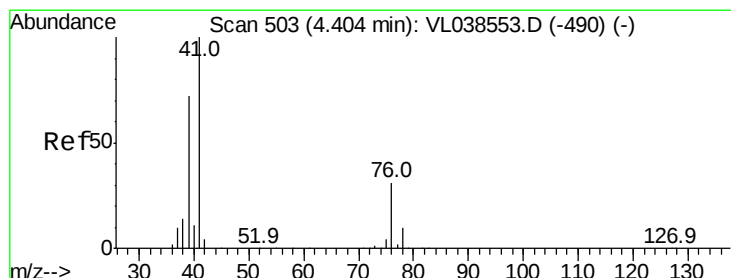
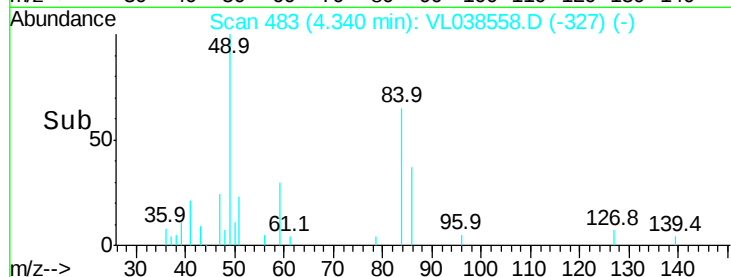
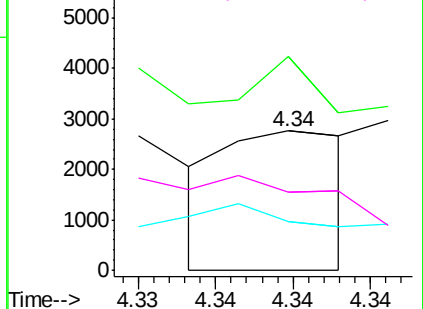


Abundance Ion 84.00 (83.70 to 84.70): VL0

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: 0.07 ppbv

RT: 4.41 min Scan# 504

Delta R.T. 0.00 min

Lab File: VL038558.D

Acq: 8 Mar 2022 14:16

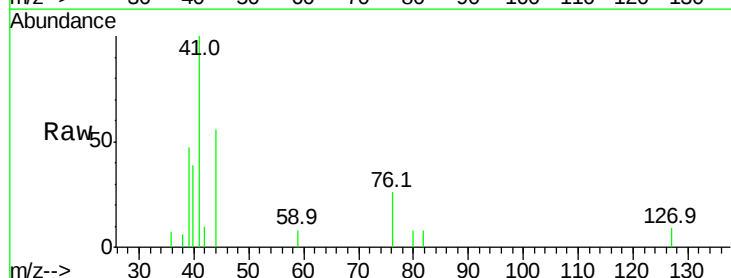
Tgt Ion: 41 Resp: 4522

Ion Ratio Lower Upper

41 100

76 23.4 24.3 36.5#

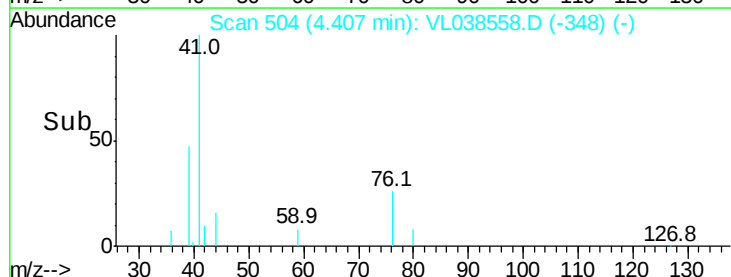
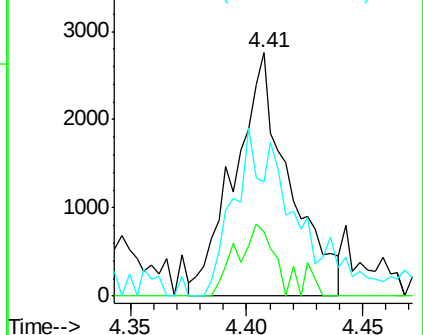
39 85.1 57.1 85.7

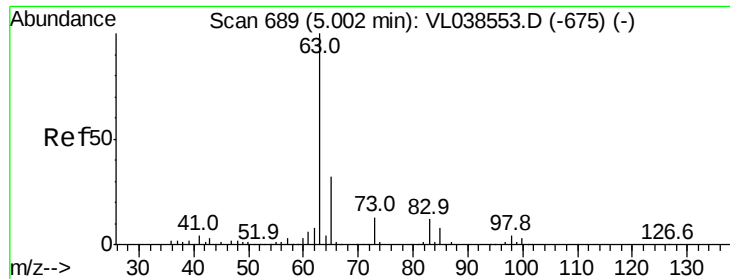


Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 76.10 (75.80 to 76.80): VL0

Ion 39.10 (38.80 to 39.80): VL0





#24

1,1-Dichloroethane

Concen: 0.06 ppbv

RT: 5.00 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

VSTDIC00.03

Acq: 8 Mar 2022 14:16

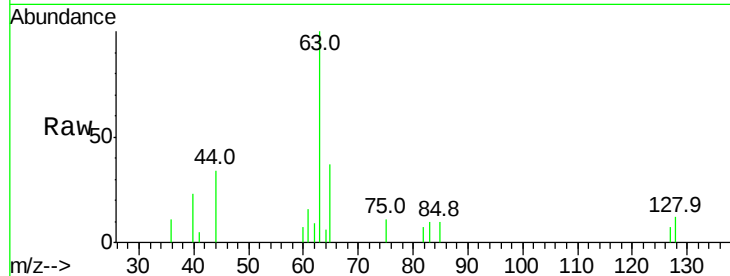
Tgt Ion: 63 Resp: 5921

Ion Ratio Lower Upper

63 100

98 0.0 2.2 6.6#

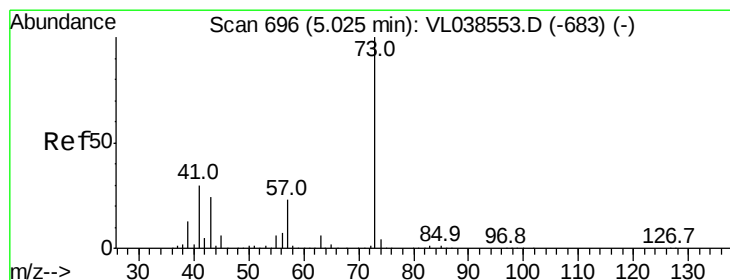
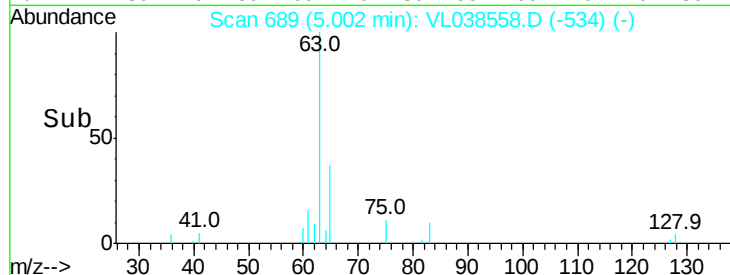
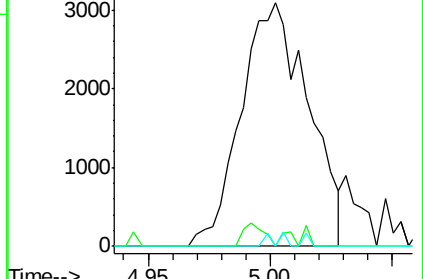
100 0.0 1.5 4.5#



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 0.05 ppbv

RT: 5.05 min Scan# 704

Delta R.T. 0.03 min

Lab File: VL038558.D

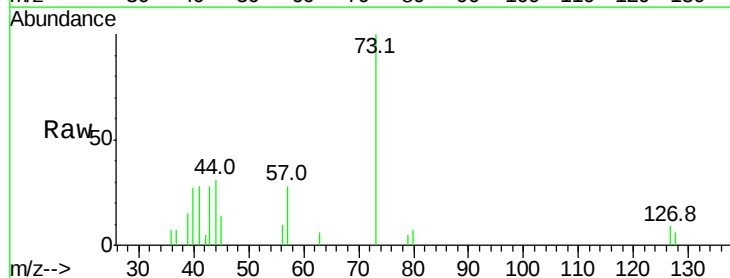
Acq: 8 Mar 2022 14:16

Tgt Ion: 73 Resp: 5020

Ion Ratio Lower Upper

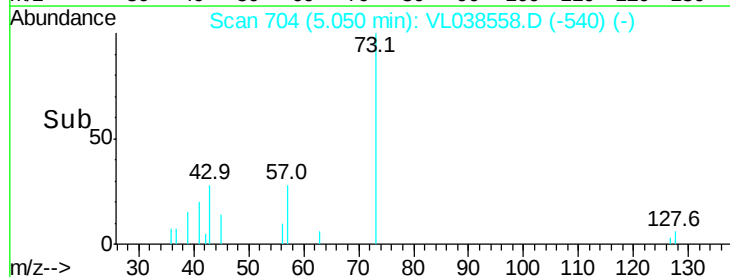
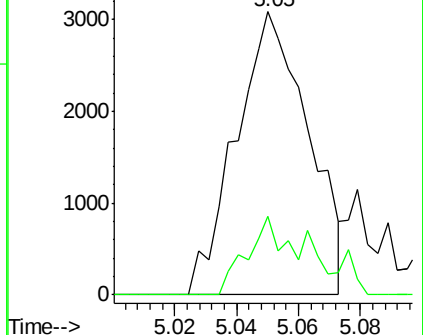
73 100

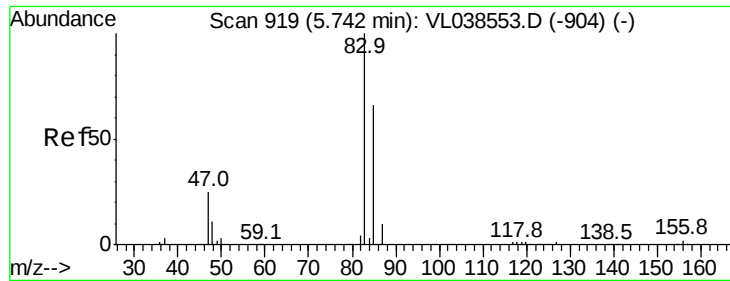
57 24.1 18.8 28.2



Abundance Ion 73.10 (72.80 to 73.80): VL0

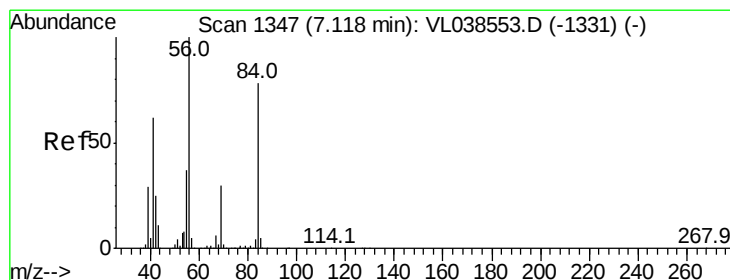
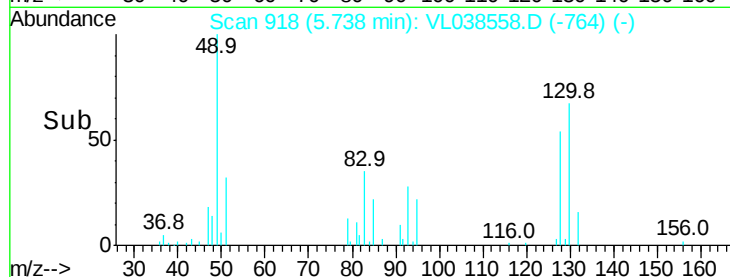
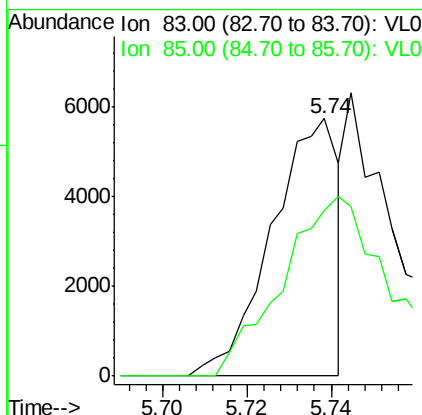
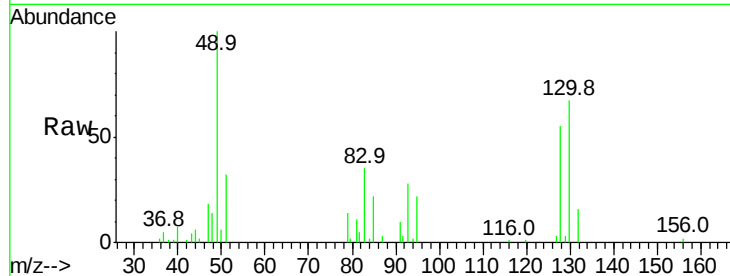
Ion 57.10 (56.80 to 57.80): VL0





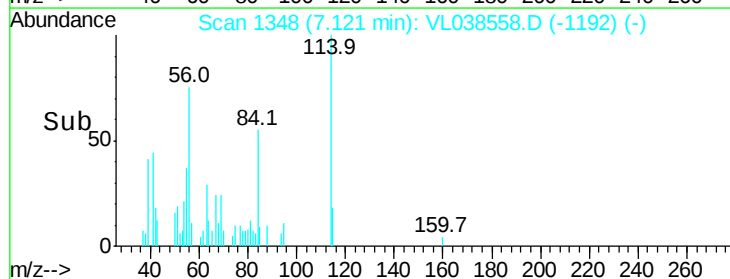
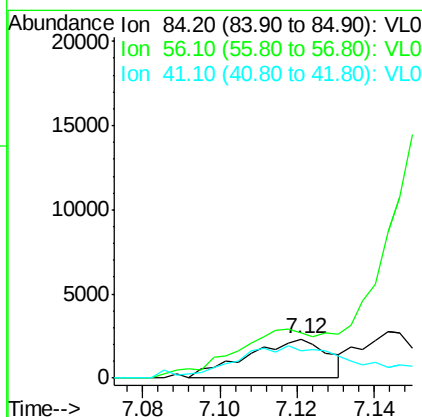
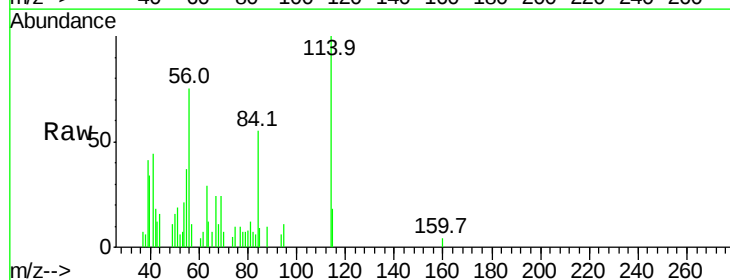
#29
Chloroform
Concen: 0.04 ppbv
RT: 5.74 Instrument: MSVOA_1
Delta R.T. ClientSampleId:
Lab File: VSTDIC0.03
Acq: 8 Mar 2022 14:16

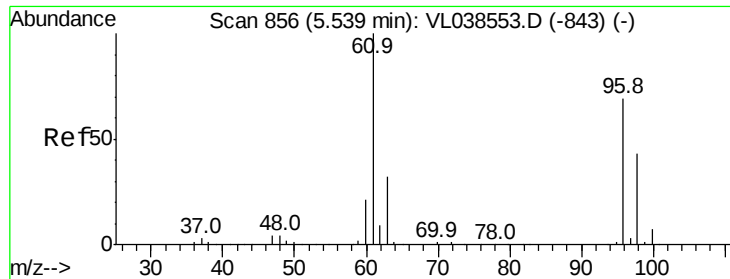
Tgt Ion: 83 Resp: 6288
Ion Ratio Lower Upper
83 100
85 64.1 52.8 79.2



#30
Cyclohexane
Concen: 0.04 ppbv
RT: 7.12 min Scan# 1348
Delta R.T. 0.00 min
Lab File: VL038558.D
Acq: 8 Mar 2022 14:16

Tgt Ion: 84 Resp: 3365
Ion Ratio Lower Upper
84 100
56 0.0 111.4 167.0#
41 139.3 65.5 98.3#





#31

cis-1,2-Dichloroethene

Concen: 0.06 ppbv

RT: 5.54

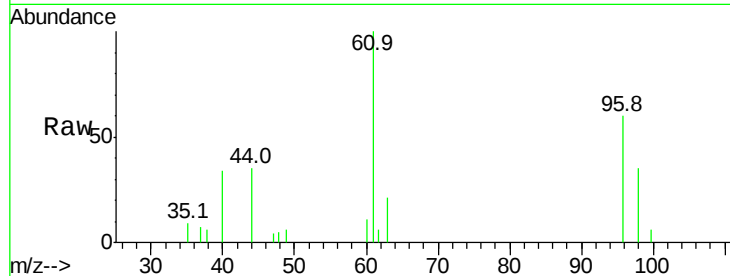
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Mar 2022 14:16

Tgt Ion: 61 Resp: 5751

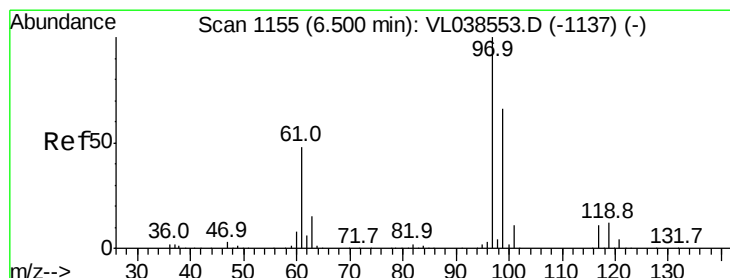
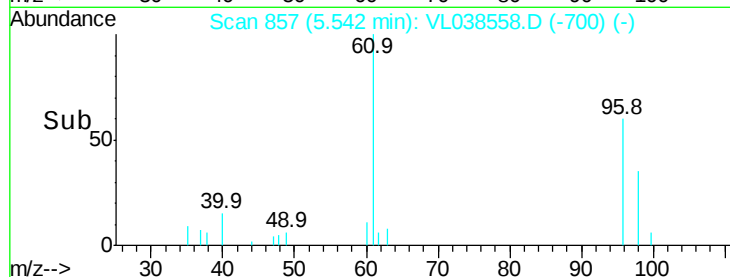
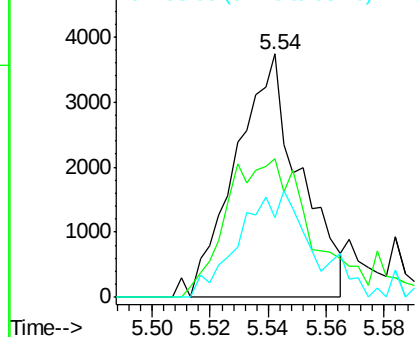
Ion	Ratio	Lower	Upper
61	100		
96	52.6	55.2	82.8#
98	32.7	34.2	51.4#



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



#32

1,1,1-Trichloroethane

Concen: 0.03 ppbv

RT: 6.50 min Scan# 1154

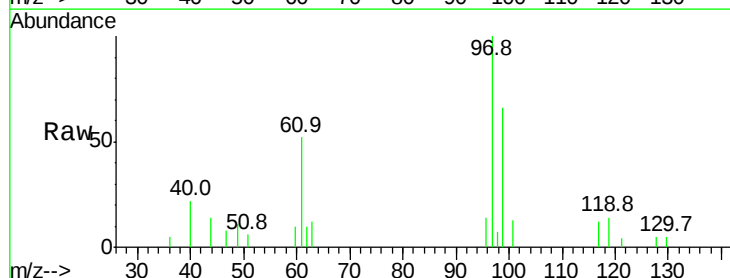
Delta R.T. -0.00 min

Lab File: VL038558.D

Acq: 8 Mar 2022 14:16

Tgt Ion: 97 Resp: 5470

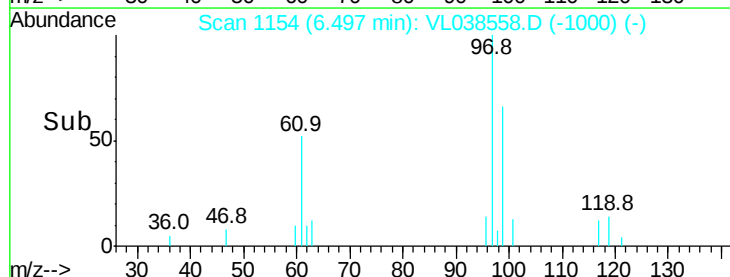
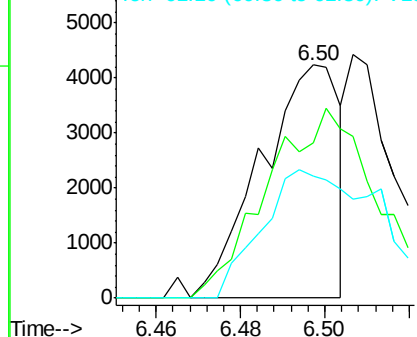
Ion	Ratio	Lower	Upper
97	100		
99	123.6	52.1	78.1#
61	91.0	37.7	56.5#

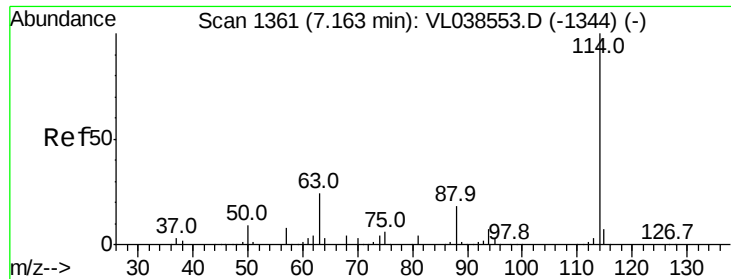


Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 99.00 (98.70 to 99.70): VL0

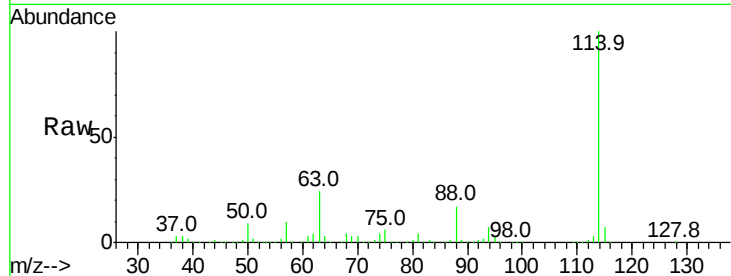
Ion 61.10 (60.80 to 61.80): VL0



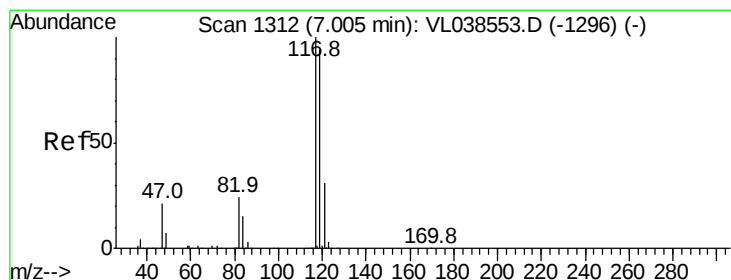
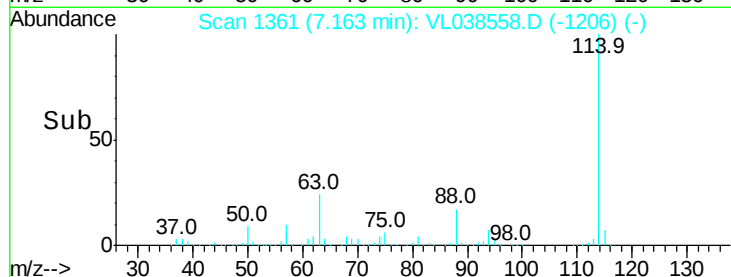
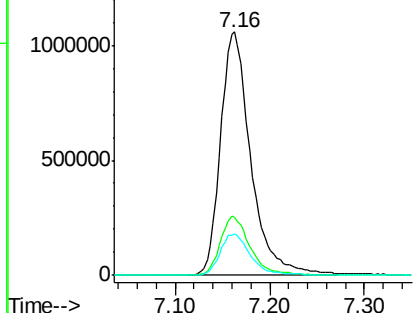


#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.16
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC00.03
 Acq: 8 Mar 2022 14:16

Tgt Ion:114 Resp: 2355636
 Ion Ratio Lower Upper
 114 100
 63 24.3 19.6 29.4
 88 17.4 13.9 20.9

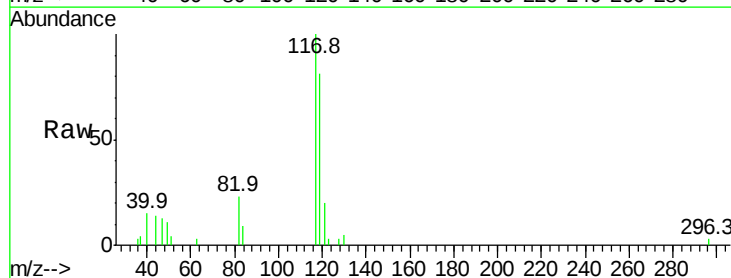


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

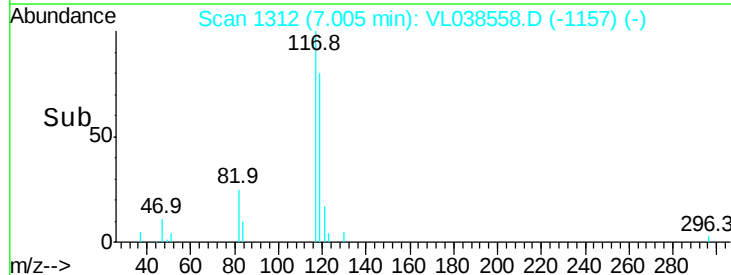
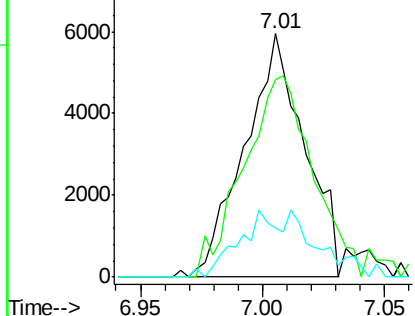


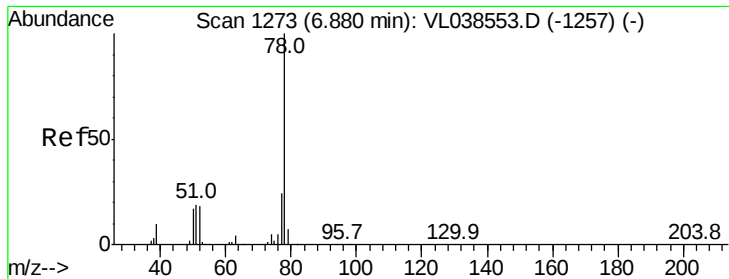
#35
 Carbon Tetrachloride
 Concen: 0.06 ppbv
 RT: 7.01 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: VL038558.D
 Acq: 8 Mar 2022 14:16

Tgt Ion:117 Resp: 10085
 Ion Ratio Lower Upper
 117 100
 119 80.9 75.2 112.8
 121 20.1 24.8 37.2#



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: 0.03 ppbv

RT: 6.87 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Mar 2022 14:16 VSTDIC0.03

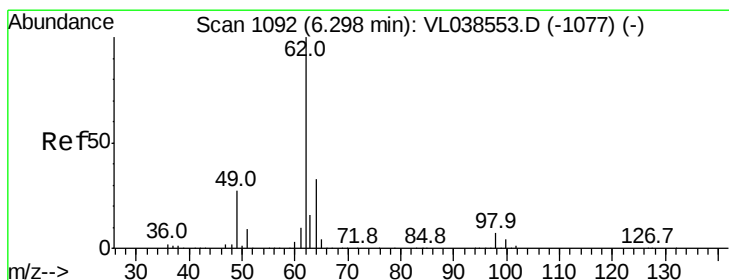
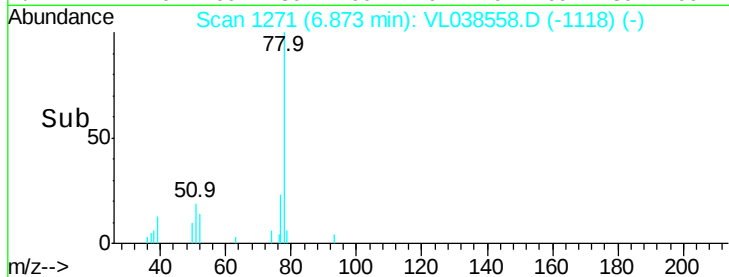
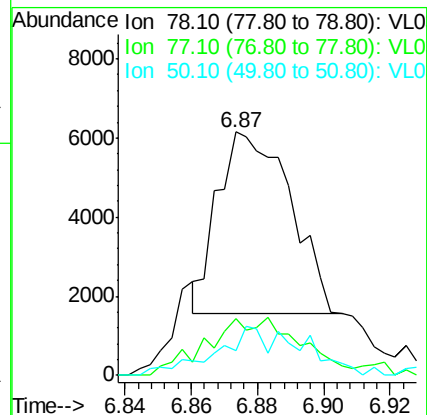
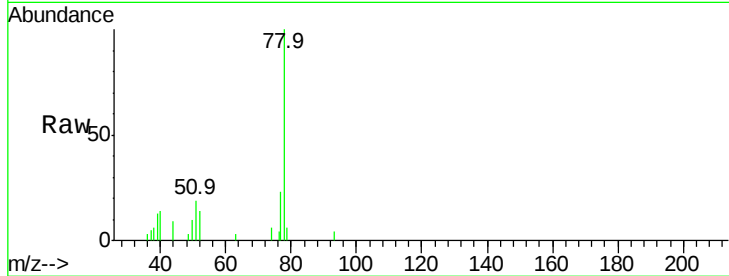
Tgt Ion: 78 Resp: 6943

Ion Ratio Lower Upper

78 100

77 22.4 19.0 28.4

50 6.2 13.9 20.9#



#37

1,2-Dichloroethane

Concen: 0.03 ppbv

RT: 6.29 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VL038558.D

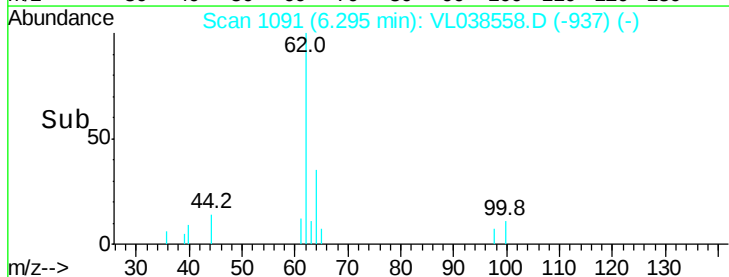
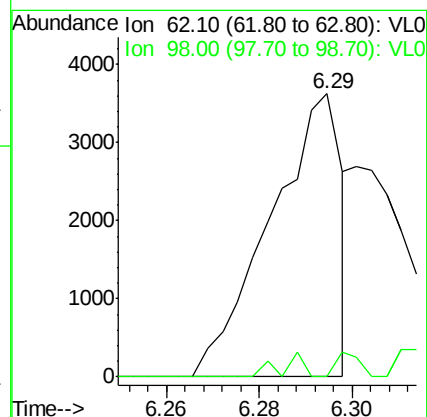
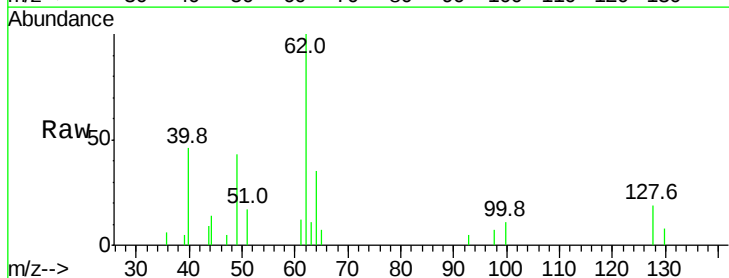
Acq: 8 Mar 2022 14:16

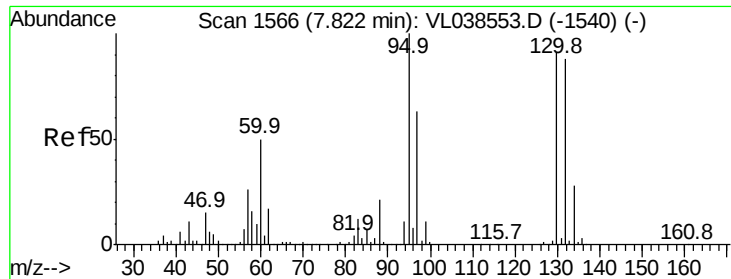
Tgt Ion: 62 Resp: 3870

Ion Ratio Lower Upper

62 100

98 0.0 5.7 8.5#





#38

Trichloroethene

Concen: 0.03 ppbv

RT: 7.82 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VSTDIC003

Acq: 8 Mar 2022 14:16

Tgt Ion: 130 Resp: 2491

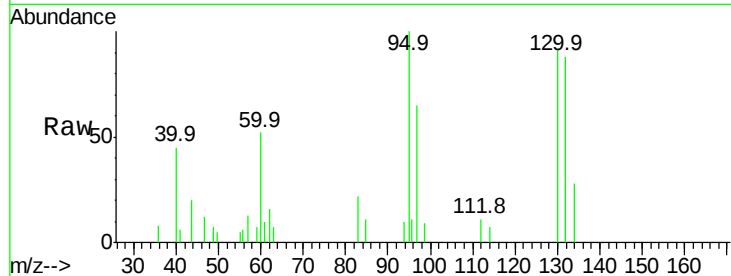
Ion Ratio Lower Upper

130 100

95 86.4 87.8 131.8#

132 81.5 77.5 116.3

97 48.4 55.4 83.2#

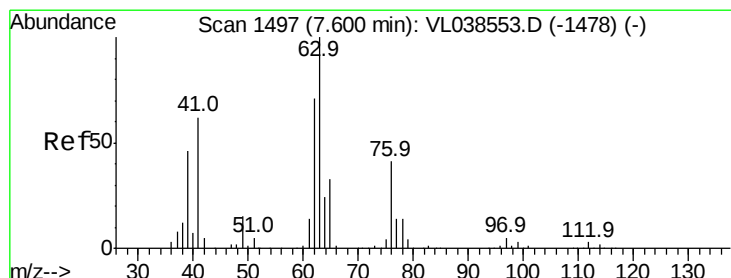
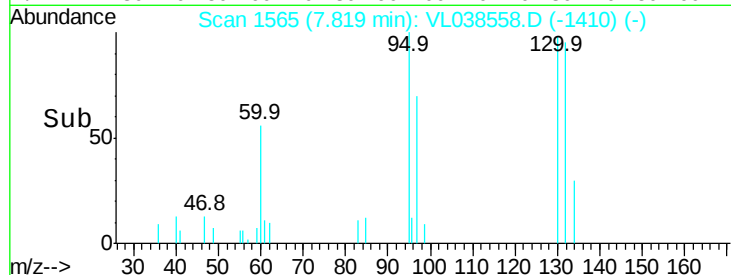
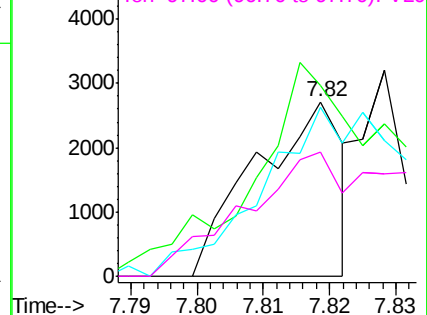


Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0



#39

1,2-Dichloropropane

Concen: 6.78 ppbv

RT: 7.16 min Scan# 1360

Delta R.T. -0.44 min

Lab File: VL038558.D

Acq: 8 Mar 2022 14:16

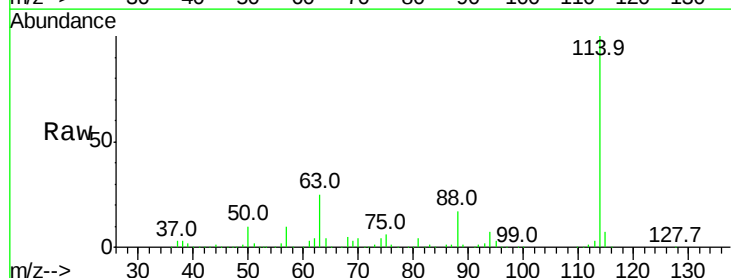
Tgt Ion: 63 Resp: 560419

Ion Ratio Lower Upper

63 100

41 0.2 49.8 74.6#

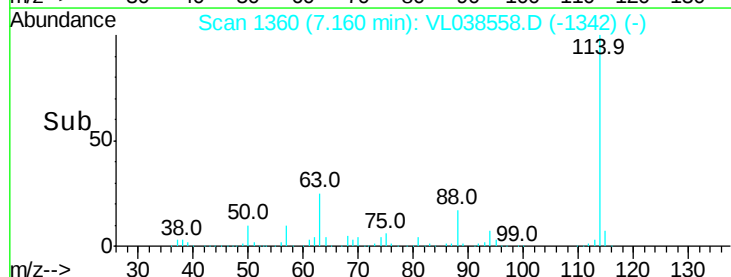
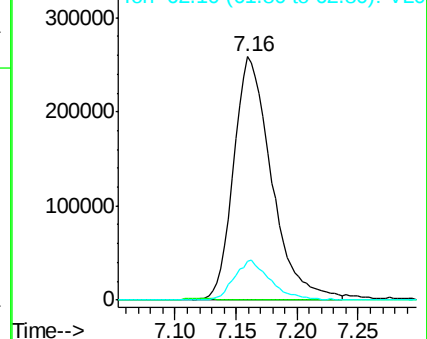
62 16.1 56.7 85.1#

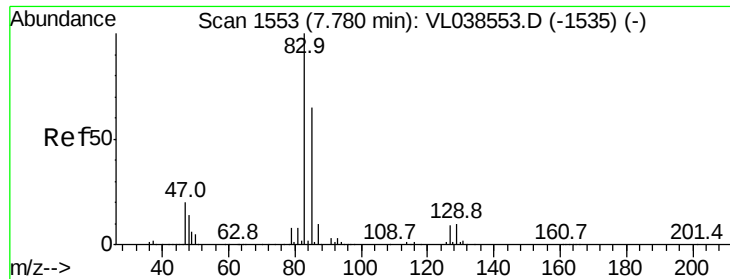


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0





#42

Bromodichloromethane

Concen: 0.04 ppbv

RT: 7.78 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 8 Mar 2022 14:16 VSTDIC0.03

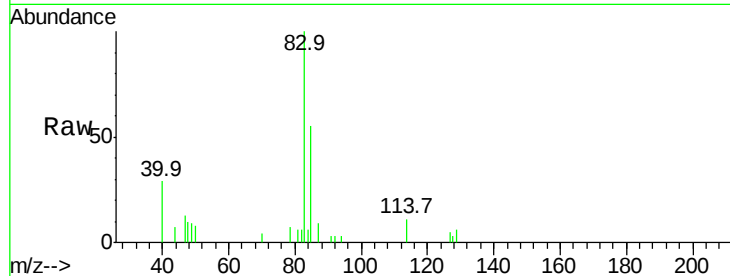
Tgt Ion: 83 Resp: 6786

Ion Ratio Lower Upper

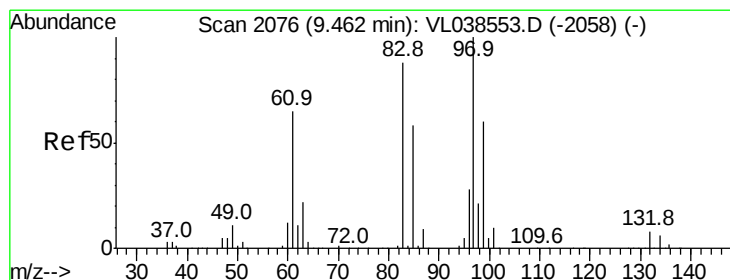
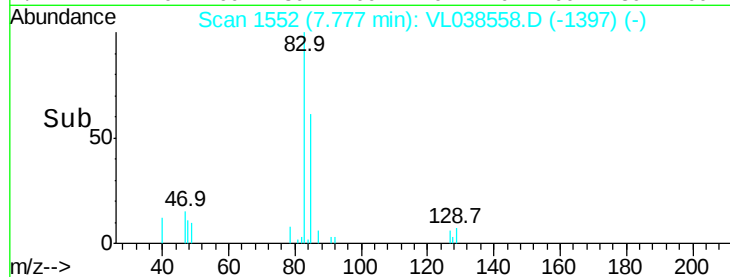
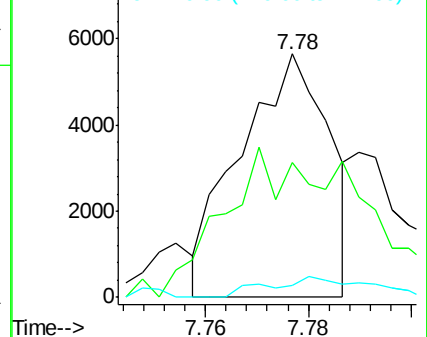
83 100

85 49.9 51.7 77.5#

127 9.8 6.9 10.3



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0
Ion 126.90 (126.60 to 127.60): V



#47

1,1,2-Trichloroethane

Concen: 0.03 ppbv

RT: 9.46 min Scan# 2077

Delta R.T. 0.00 min

Lab File: VL038558.D

Acq: 8 Mar 2022 14:16

Tgt Ion: 97 Resp: 2855

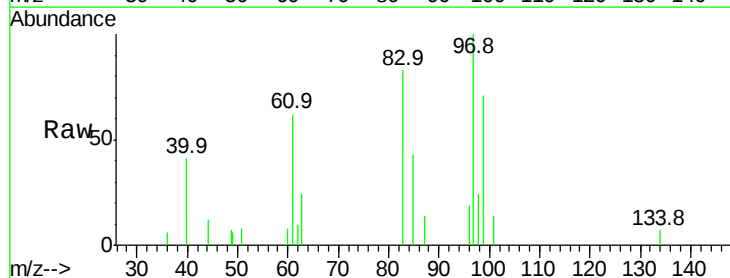
Ion Ratio Lower Upper

97 100

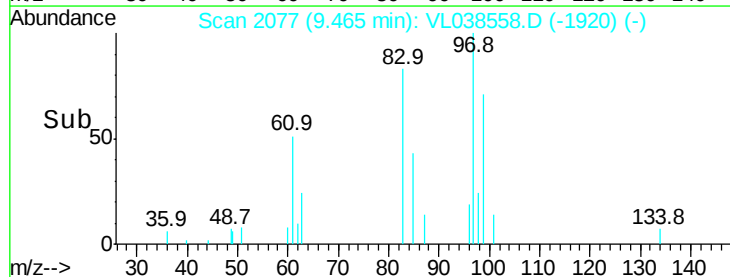
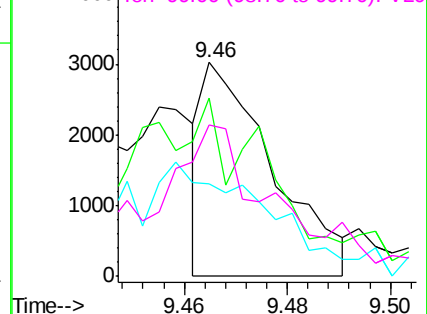
83 81.7 70.1 105.1

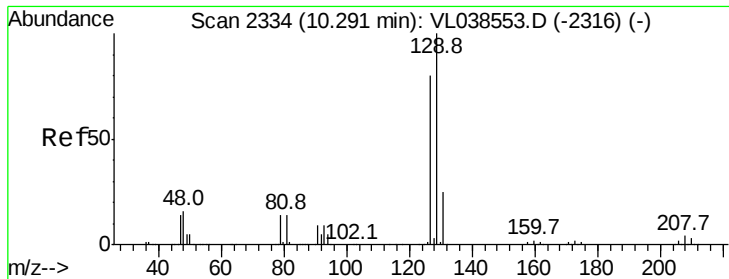
85 43.0 46.6 69.8#

99 55.5 48.1 72.1



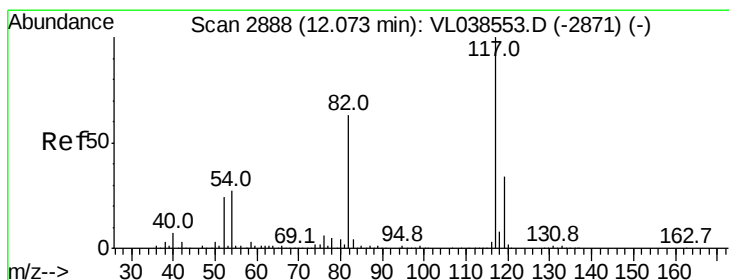
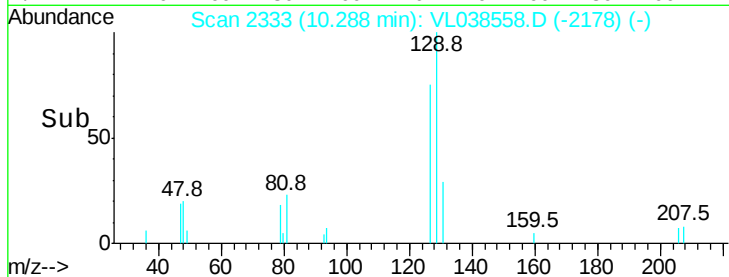
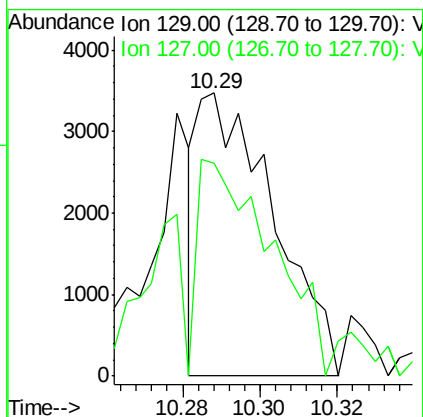
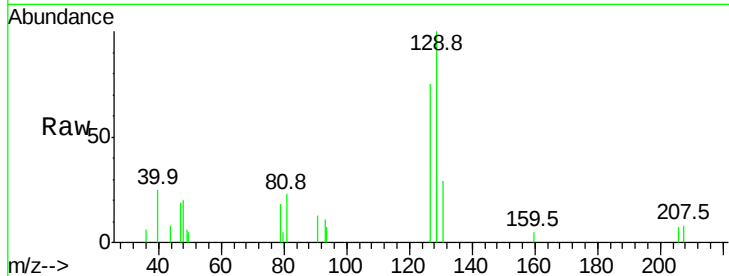
Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0
Ion 99.00 (98.70 to 99.70): VL0





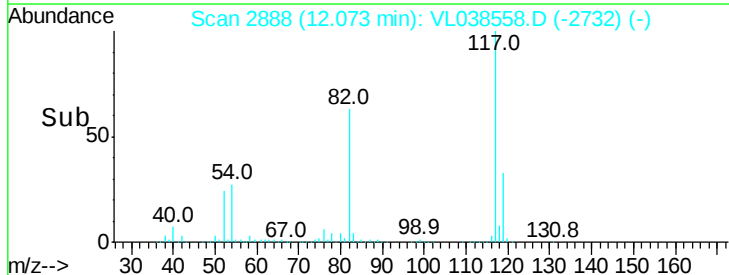
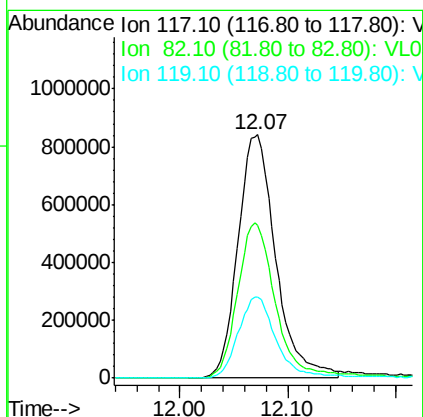
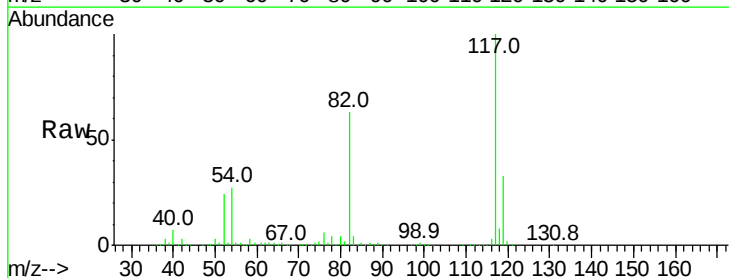
#48
 Dibromochloromethane
 Concen: 0.04 ppbv
 RT: 10.29 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Mar 2022 14:16

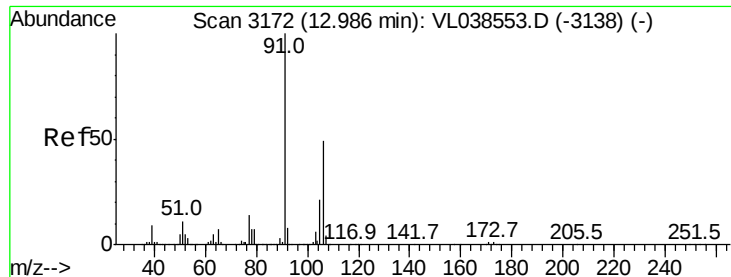
Tgt Ion:129 Resp: 4710
 Ion Ratio Lower Upper
 129 100
 127 117.2 39.5 118.3



#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.07 min Scan# 2888
 Delta R.T. -0.00 min
 Lab File: VL038558.D
 Acq: 8 Mar 2022 14:16

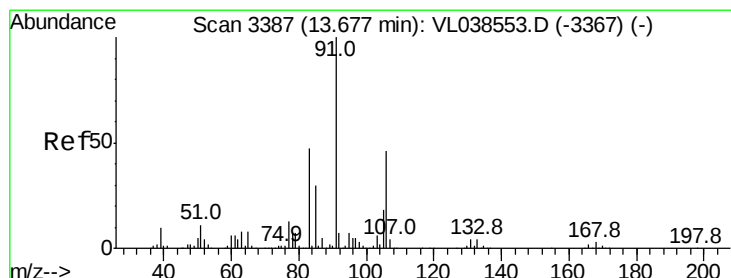
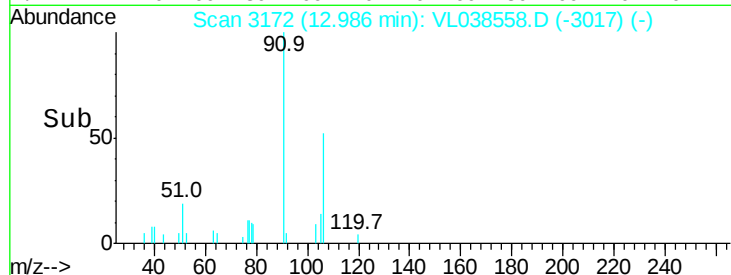
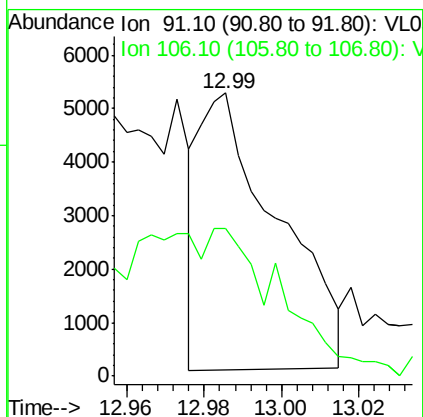
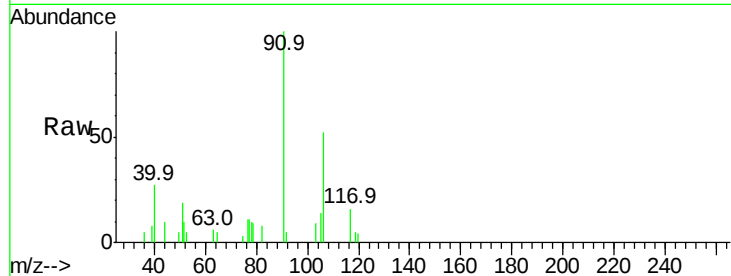
Tgt Ion:117 Resp: 2051907
 Ion Ratio Lower Upper
 117 100
 82 65.8 52.5 78.7
 119 34.8 46.4 69.6#





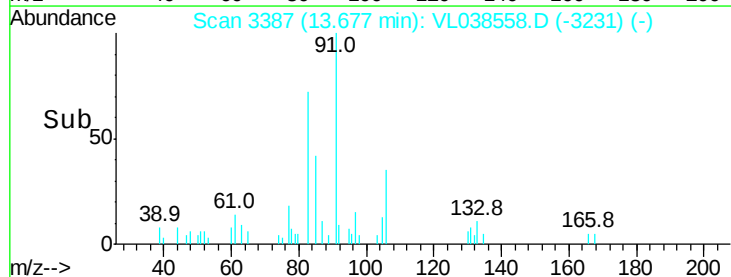
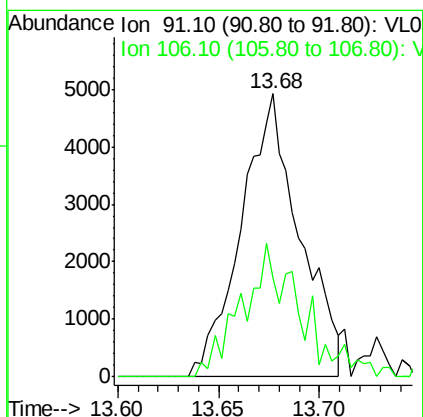
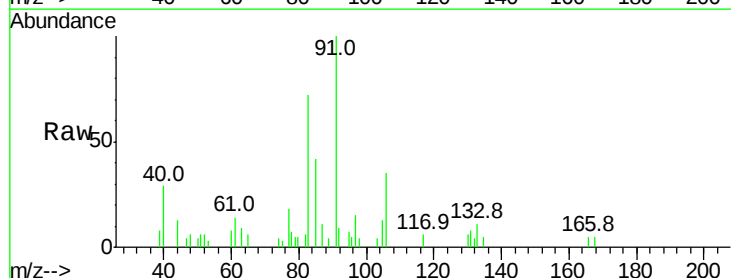
#59
m/p-Xylene
Concen: 0.03 ppbv
RT: 12.99
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDIC0.03
Acq: 8 Mar 2022 14:16

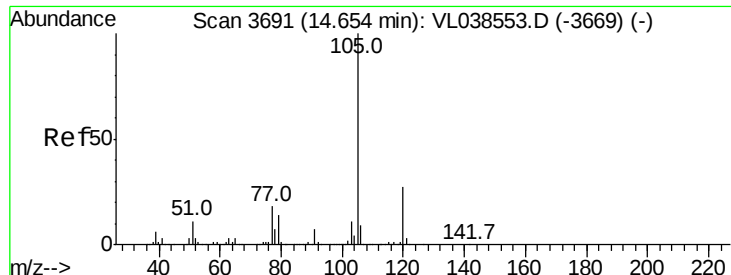
Tgt Ion: 91 Resp: 7313
Ion Ratio Lower Upper
91 100
106 144.9 37.1 55.7#



#60
o-Xylene
Concen: 0.04 ppbv
RT: 13.68 min Scan# 3387
Delta R.T. -0.00 min
Lab File: VL038558.D
Acq: 8 Mar 2022 14:16

Tgt Ion: 91 Resp: 9943
Ion Ratio Lower Upper
91 100
106 48.3 23.5 70.6





#62

Isopropylbenzene

Concen: 0.05 ppbv

RT: 14.65

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

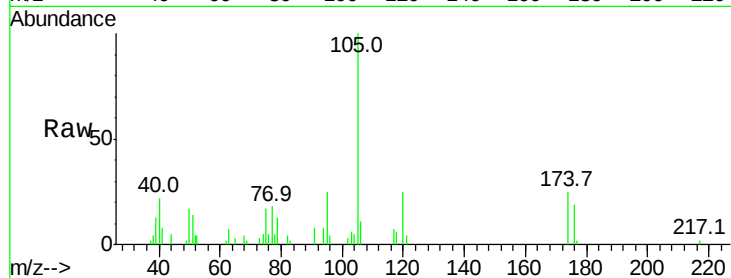
Acq: 8 Mar 2022 14:16

Tgt Ion: 105 Resp: 14062

Ion Ratio Lower Upper

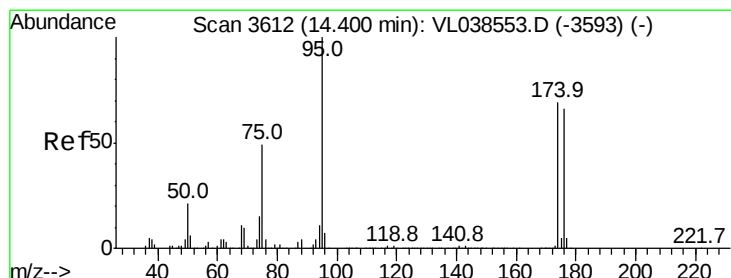
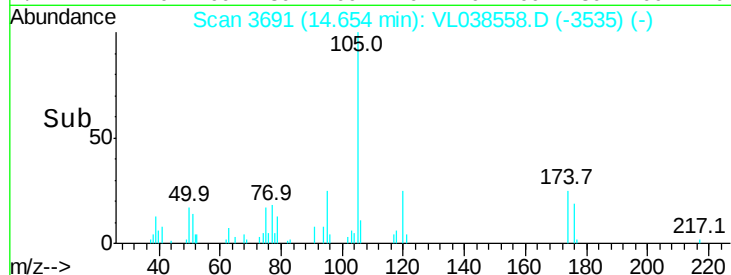
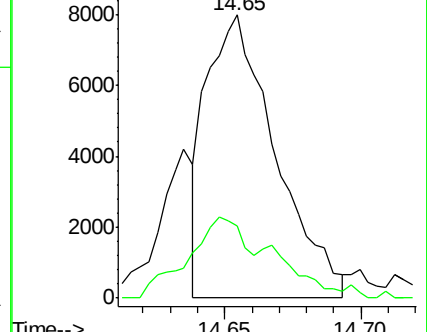
105 100

120 35.1 21.2 31.8#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 9.25 ppbv

RT: 14.40 min Scan# 3611

Delta R.T. -0.00 min

Lab File: VL038558.D

Acq: 8 Mar 2022 14:16

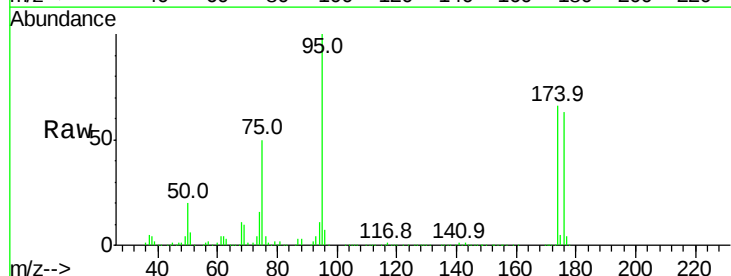
Tgt Ion: 95 Resp: 1570221

Ion Ratio Lower Upper

95 100

174 71.2 56.2 84.4

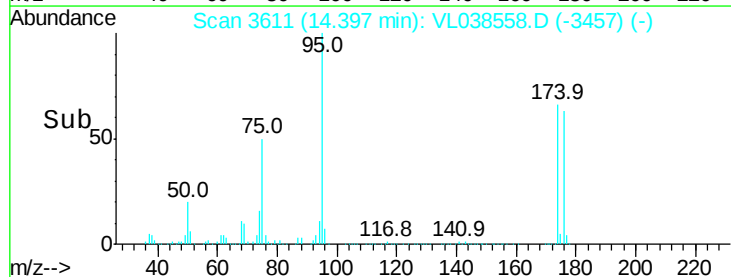
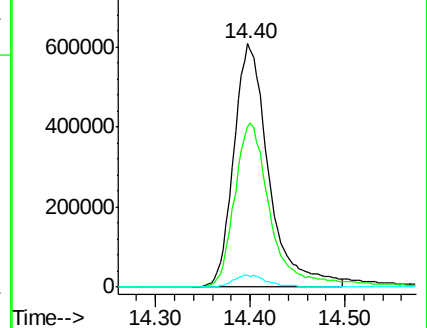
175 4.9 4.2 6.2

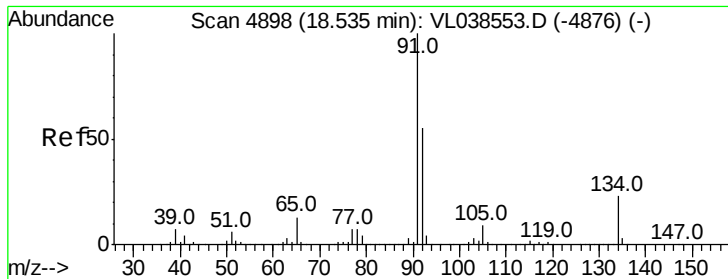


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

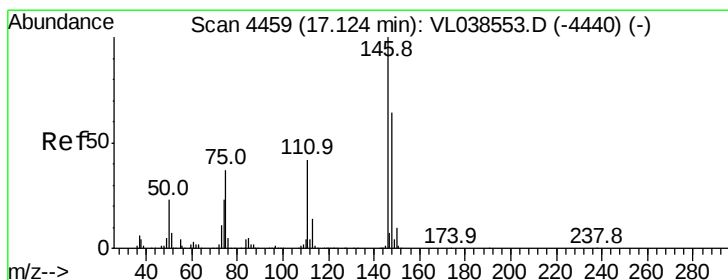
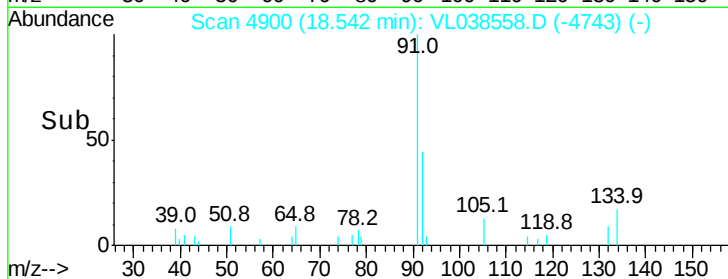
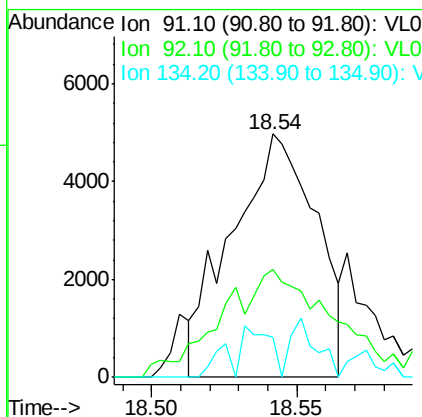
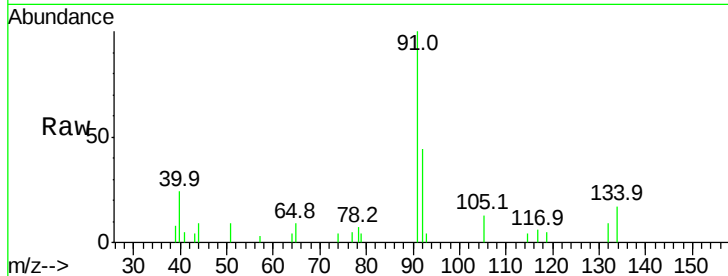
Ion 175.00 (174.70 to 175.70): V





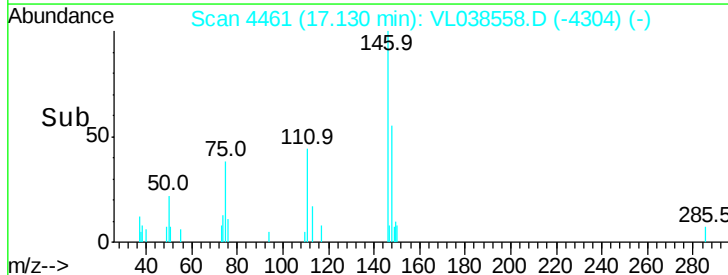
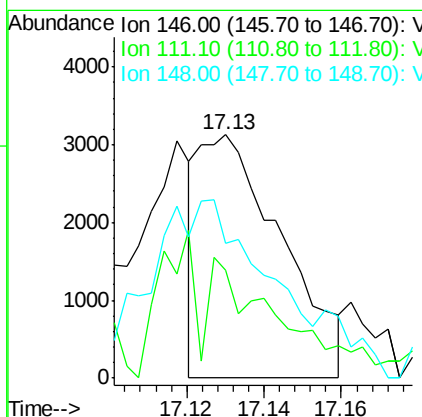
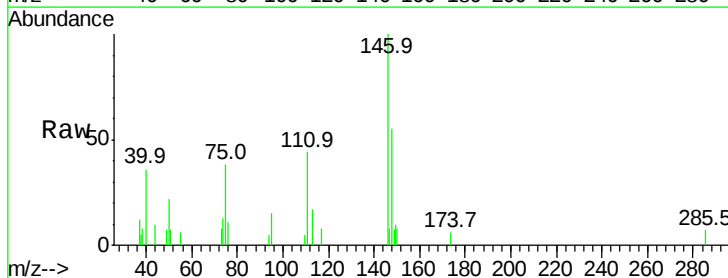
#70
n-Butylbenzene
Concen: 0.03 ppbv
RT: 18.54 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VSTDIC0.03
Acq: 8 Mar 2022 14:16

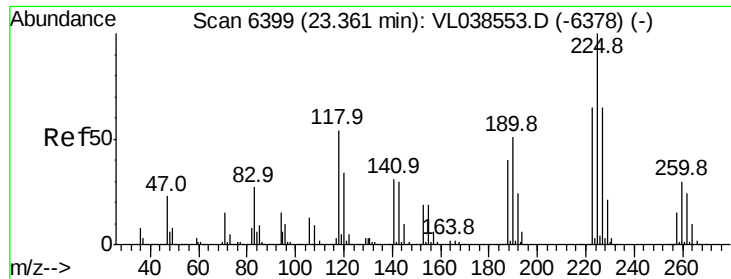
Tgt Ion:	91	Resp:	10059
Ion Ratio	Lower	Upper	
91	100		
92	59.8	43.8	65.8
134	20.7	18.7	28.1



#76
1,4-Dichlorobenzene
Concen: 0.04 ppbv
RT: 17.13 min Scan# 4461
Delta R.T. 0.01 min
Lab File: VL038558.D
Acq: 8 Mar 2022 14:16

Tgt Ion:	146	Resp:	4665
Ion Ratio	Lower	Upper	
146	100		
111	0.0	21.8	65.3#
148	118.4	32.8	98.4#





#78
 Hexachloro-1,3-Butadiene
 Concen: 0.05 ppbv
 RT: 23.36
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC0.03
 Acq: 8 Mar 2022 14:10

Tgt Ion: 225 Resp: 5087
 Ion Ratio Lower Upper
 225 100
 223 132.1 51.4 77.0#
 227 148.9 51.9 77.9#

