

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051722\
 Data File : VL039080.D
 Acq On : 17 May 2022 22:17
 Operator : SY/AP
 Sample : N2854-04DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 1161-8.01-SG-5DL

Quant Time: May 18 01:53:26 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 05 10:12:15 2022
 QLast Update : Thu May 05 10:12:15 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	826958	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	1954697	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	1596068	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1353998	10.71	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.07	85	5182	0.040	ppbv 100
3) Chlorodifluoromethane	3.20	51	568	0.006	ppbv 99
4) Chloromethane	3.15	50	1820	0.035	ppbv # 67
5) Vinyl Chloride	3.48	62	53	0.001	ppbv # 44
6) Bromomethane	3.46	94	129	0.006	ppbv # 1
7) Chloroethane	3.55	64	205	0.013	ppbv 91
8) Dichlorotetrafluoroethane	3.19	85	539	0.005	ppbv # 35
9) Propene	3.21	41	19596	0.437	ppbv 95
10) Heptane	8.12	43	2470	0.022	ppbv # 1
11) Trichlorofluoromethane	3.96	101	2356	0.021	ppbv 98
12) 1,1,2-Trichlorotrifluoroet	4.03	101	160	0.002	ppbv 89
13) Ethanol	3.62	45	86436	27.256	ppbv 94
14) Bromoethene	3.45	108	97	0.003	ppbv # 1
15) Acetone	3.86	43	208658	2.675	ppbv 92
16) 1,3-Butadiene	3.33	39	501	0.011	ppbv # 9
17) tert-Butyl alcohol	4.29	59	124	0.002	ppbv # 70
18) 1,1-Dichloroethene	4.36	96	34	0.001	ppbv # 1
19) Isopropyl Alcohol	3.98	45	71286	1.922	ppbv # 85
20) Methylene Chloride	4.35	84	8078	0.275	ppbv # 66
21) Allyl Chloride	4.42	41	246	0.005	ppbv # 19
22) trans-1,2-Dichloroethene	4.56	96	85	0.002	ppbv # 1
23) Vinyl Acetate	5.08	43	2814	0.046	ppbv # 51
24) 1,1-Dichloroethane	5.09	63	105	0.001	ppbv # 89
25) Ethyl Acetate	5.69	43	10257	0.055	ppbv # 88
26) Hexane	5.69	57	9024	0.109	ppbv # 59
27) Carbon Disulfide	4.56	76	174	0.002	ppbv # 1
28) Methyl tert-Butyl Ether	5.08	73	151	0.002	ppbv # 52
29) Chloroform	5.74	83	219	0.002	ppbv 95
30) Cyclohexane	7.14	84	556	0.008	ppbv # 1
31) cis-1,2-Dichloroethene	5.69	61	252	0.003	ppbv # 38
32) 1,1,1-Trichloroethane	6.70	97	59	0.000	ppbv # 41
34) 2-Butanone	5.26	43	17587	0.176	ppbv # 54
35) Carbon Tetrachloride	7.01	117	817	0.006	ppbv # 47
36) Benzene	6.89	78	11711	0.070	ppbv # 86
37) 1,2-Dichloroethane	6.30	62	472	0.005	ppbv # 84
38) Trichloroethene	7.84	130	134	0.002	ppbv # 55
39) 1,2-Dichloropropane	7.18	63	538099	8.267	ppbv # 27
40) 1,4-Dioxane	7.82	88	45	0.002	ppbv # 1
41) Tetrahydrofuran	6.05	42	94	0.001	ppbv # 36
42) Bromodichloromethane	7.79	83	132	0.001	ppbv # 24
43) Methyl Methacrylate	8.01	69	112	0.002	ppbv # 1

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 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

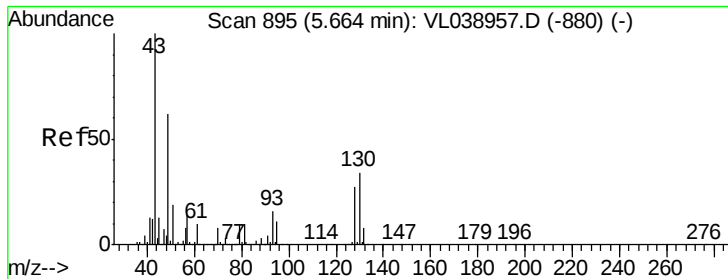
Instrument :
 MSVOA_L
 ClientSampleId :
 1161-8.01-SG-5DL

Quant Time: May 18 01:53:26 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 05 10:12:15 2022
 QLast Update : Thu May 05 10:12:15 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

44) 2,2,4-Trimethylpentane	7.87	57	33326	0.114	ppbv #	79
46) cis-1,3-Dichloropropene	8.34	75	66	0.001	ppbv #	1
47) 1,1,2-Trichloroethane	9.77	97	64	0.001	ppbv #	14
48) Dibromochloromethane	10.65	129	93	0.001	ppbv	99
50) 4-Methyl-2-Pentanone	8.74	43	48	0.000	ppbv #	39
51) 2-Hexanone	10.13	43	188	0.001	ppbv #	28
52) Tetrachloroethene	11.67	164	138	0.002	ppbv #	1
53) Toluene	9.81	91	221621	1.182	ppbv	99
54) 1,2-Dibromoethane	10.63	107	50	0.001	ppbv #	3
56) 1,1,1,2-Tetrachloroethane	11.76	131	75	0.001	ppbv #	1
57) Chlorobenzene	12.10	112	222	0.002	ppbv #	36
58) Ethyl Benzene	12.71	91	15277	0.067	ppbv	95
59) m/p-Xylene	12.99	91	35466	0.181	ppbv #	33
60) o-Xylene	13.69	91	32975	0.179	ppbv	70
61) Styrene	13.53	104	243	0.002	ppbv #	25
62) Isopropylbenzene	14.41	105	582	0.002	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.68	83	40	0.000	ppbv #	24
64) n-propylbenzene	15.58	120	116	0.002	ppbv	76
65) tert-Butylbenzene	16.75	119	550	0.002	ppbv #	15
66) Benzyl Chloride	16.99	91	71	0.002	ppbv #	70
67) sec-Butylbenzene	17.29	105	44	0.000	ppbv #	60
69) p-Isopropyltoluene	17.65	119	116	0.000	ppbv #	1
70) n-Butylbenzene	18.55	91	224	0.001	ppbv #	33
71) 2-Chlorotoluene	15.32	91	244	0.001	ppbv	78
72) 4-Ethyltoluene	15.83	105	3096	0.015	ppbv #	1
73) 1,3,5-Trimethylbenzene	15.99	105	5253	0.028	ppbv #	55
74) 1,2,4-Trimethylbenzene	16.76	105	14466	0.070	ppbv #	67
75) 1,3-Dichlorobenzene	17.00	146	112	0.001	ppbv #	1
76) 1,4-Dichlorobenzene	17.12	146	82	0.001	ppbv #	1
77) 1,2-Dichlorobenzene	17.82	146	100	0.001	ppbv #	45
78) Hexachloro-1,3-Butadiene	23.40	225	136	0.001	ppbv #	66
79) Naphthalene	22.19	128	176	0.001	ppbv #	69
80) Naphthalene,2-methyl-	24.99	142	45	0.001	ppbv #	1
81) 1,2,4-Trichlorobenzene	21.61	180	56	0.001	ppbv #	11

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 17 May 2022 22:17

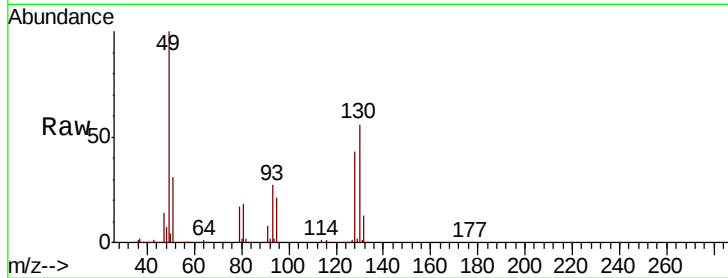
Tot Ion: 49 Resp: 826958

Ion Ratio Lower Upper

49 100

128 47.0 23.3 69.8

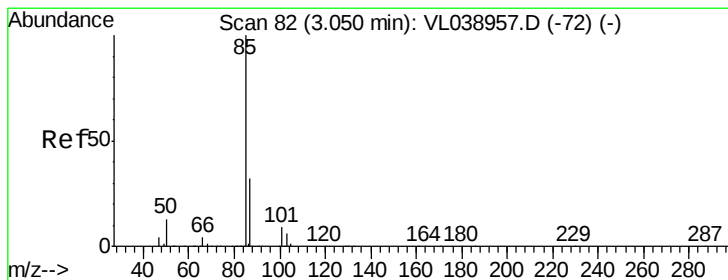
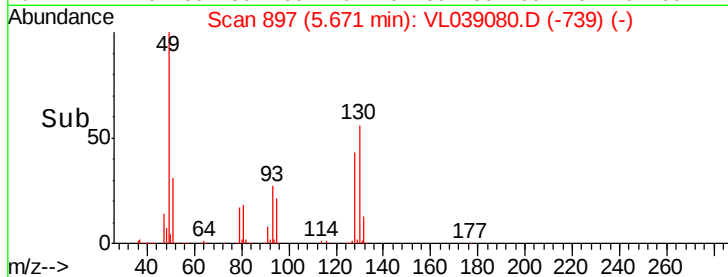
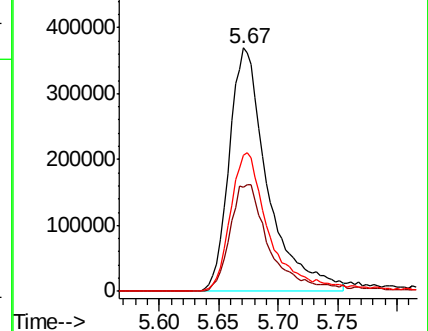
130 60.3 29.8 89.3



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.040 ppbv

RT: 3.07 min Scan# 87

Delta R.T. 0.02 min

Lab File: VL039080.D

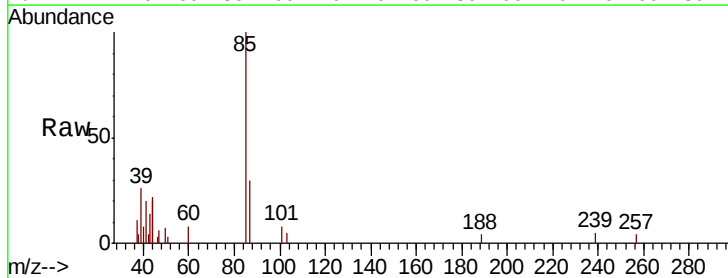
Acq: 17 May 2022 22:17

Tgt Ion: 85 Resp: 5182

Ion Ratio Lower Upper

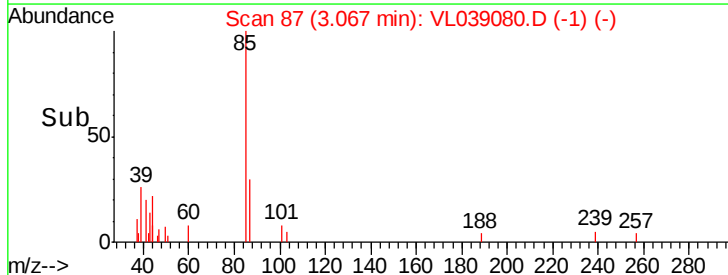
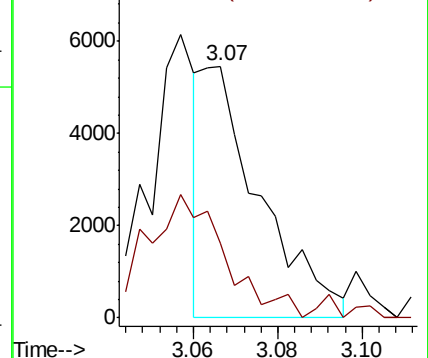
85 100

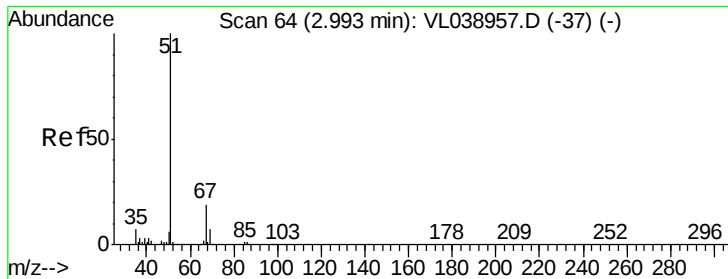
87 32.2 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.006 ppbv

RT: 3.20 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

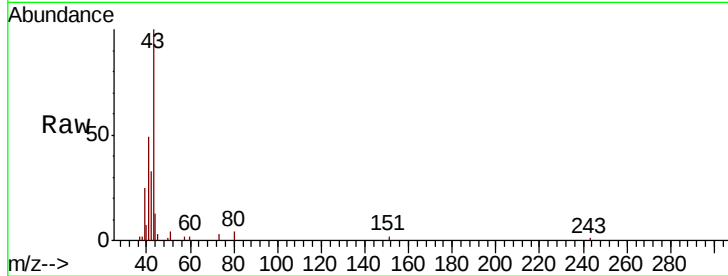
Acq: 17 May 2022 22:17

Tot Ion: 51 Resp: 568

Ion Ratio Lower Upper

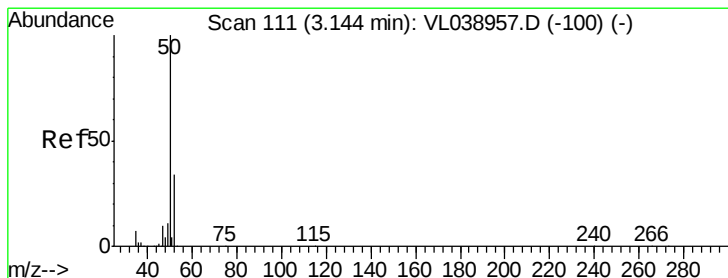
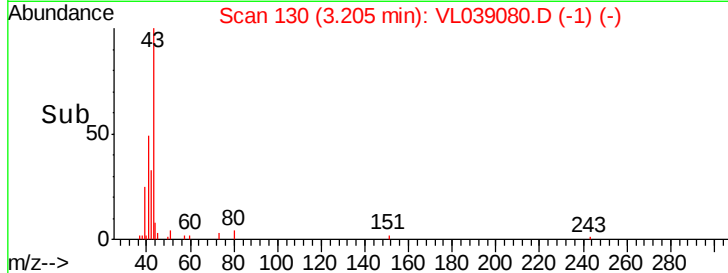
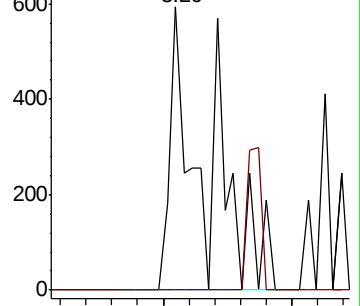
51 100

67 20.1 15.8 23.8



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.035 ppbv

RT: 3.15 min Scan# 112

Delta R.T. 0.00 min

Lab File: VL039080.D

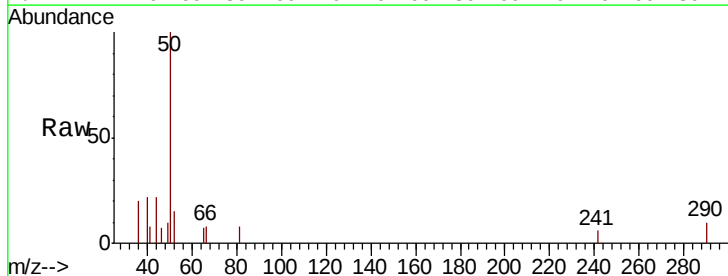
Acq: 17 May 2022 22:17

Tgt Ion: 50 Resp: 1820

Ion Ratio Lower Upper

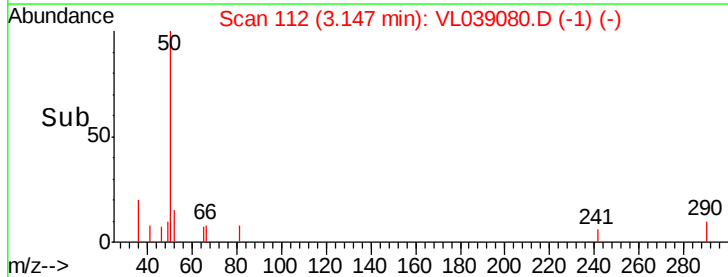
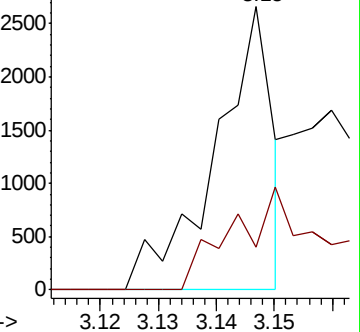
50 100

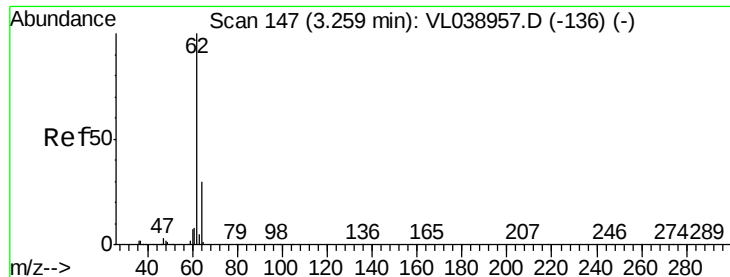
52 15.1 27.3 40.9#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.001 ppbv

RT: 3.48 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

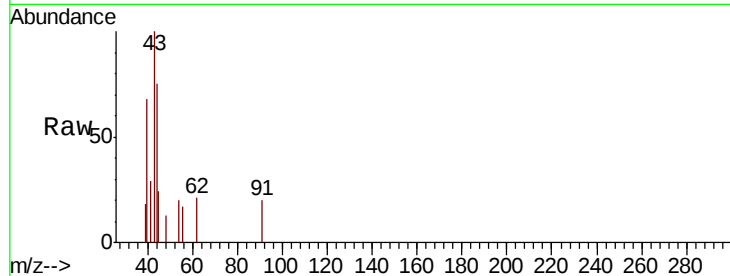
Acq: 17 May 2022 22:17

Tot Ion: 62 Resp: 53

Ion Ratio Lower Upper

62 100

64 0.0 24.2 36.4#



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0

400

300

200

100

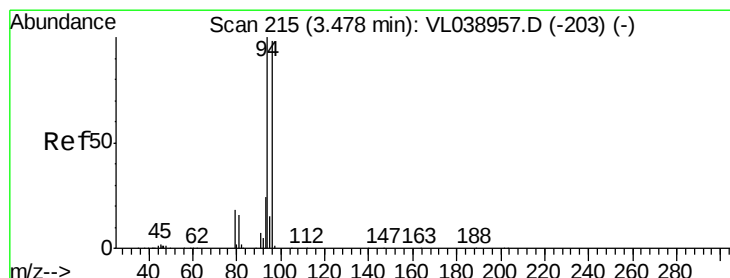
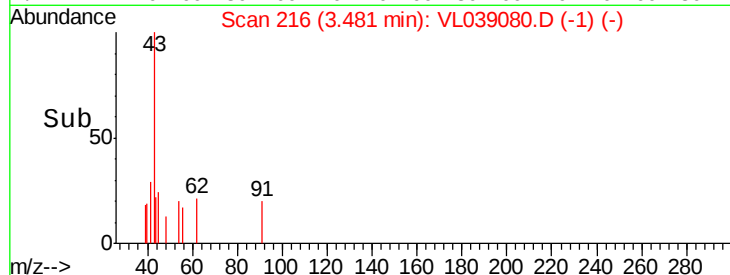
0

3.48

3.48

3.48

Time-->



#6

Bromomethane

Concen: 0.006 ppbv

RT: 3.46 min Scan# 208

Delta R.T. -0.02 min

Lab File: VL039080.D

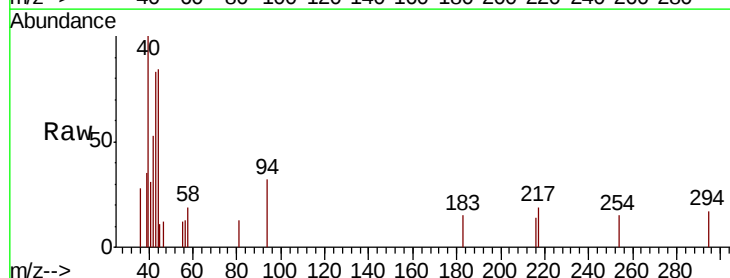
Acq: 17 May 2022 22:17

Tgt Ion: 94 Resp: 129

Ion Ratio Lower Upper

94 100

96 0.0 78.1 117.1#



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

500

400

300

200

100

0

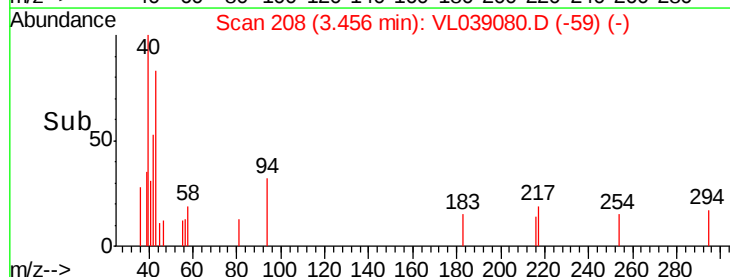
3.45

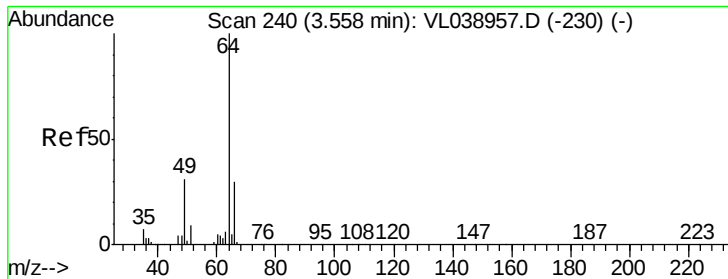
3.46

3.46

3.46

Time-->





#7

Chloroethane

Concen: 0.013 ppbv

RT: 3.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

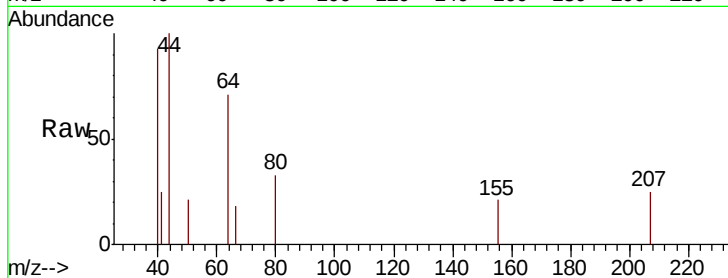
Acq: 17 May 2022 22:17

Tot Ion: 64 Resp: 205

Ion Ratio Lower Upper

64 100

66 25.1 23.8 35.8



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.55

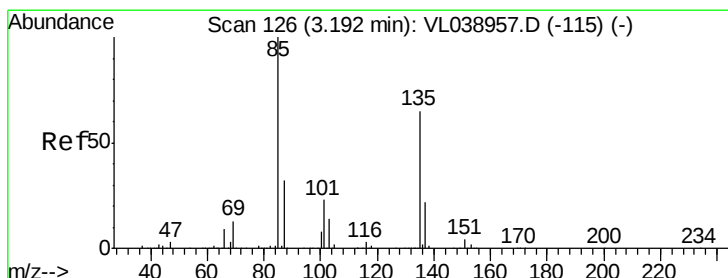
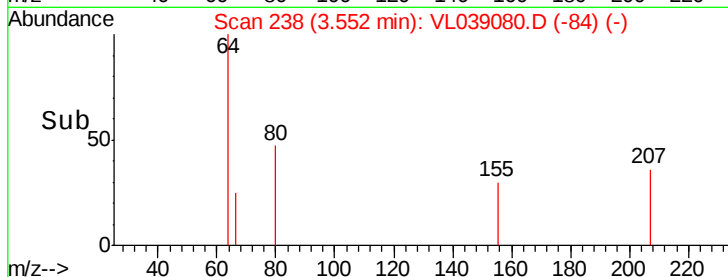
600

400

200

0

Time-->



#8

Dichlorotetrafluoroethane

Concen: 0.005 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.00 min

Lab File: VL039080.D

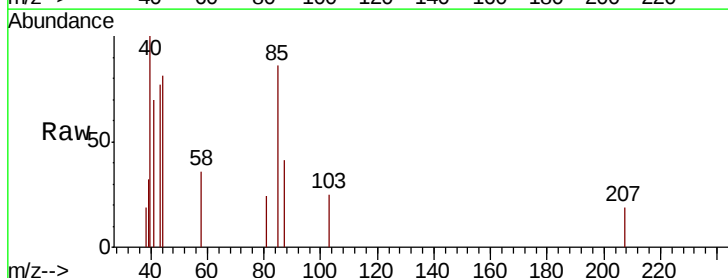
Acq: 17 May 2022 22:17

Tgt Ion: 85 Resp: 539

Ion Ratio Lower Upper

85 100

135 15.0 53.6 80.4#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

800

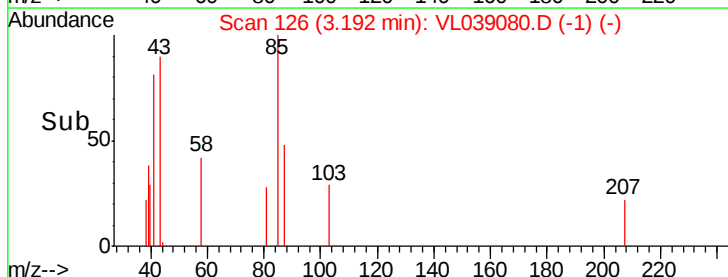
600

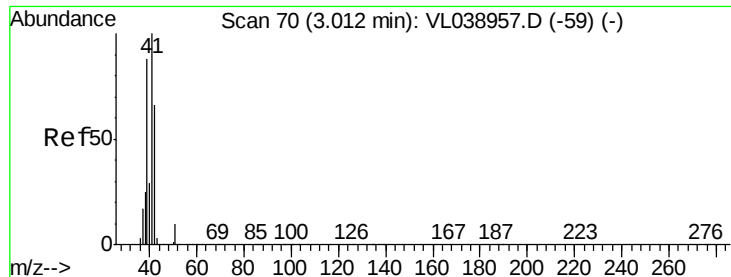
400

200

0

Time-->





#9

Propene

Concen: 0.437 ppbv

RT: 3.21 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

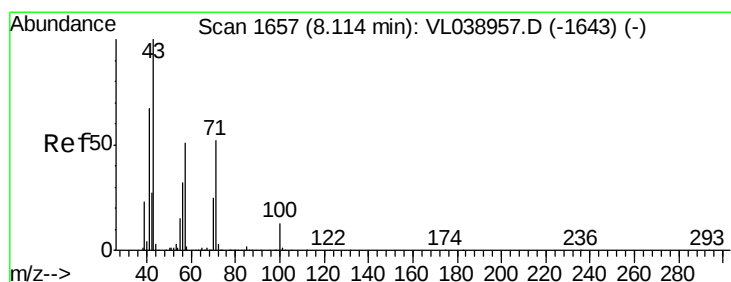
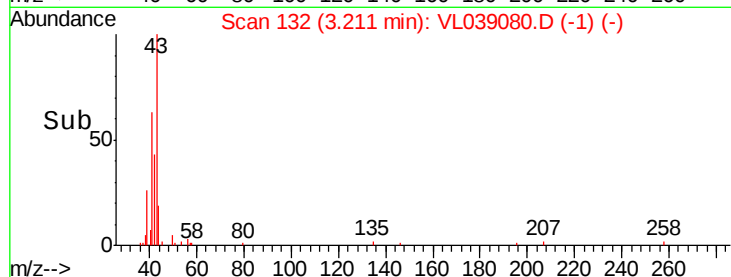
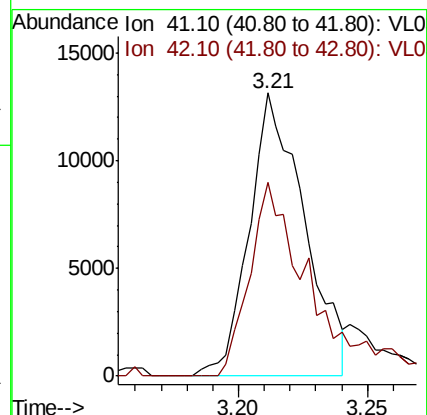
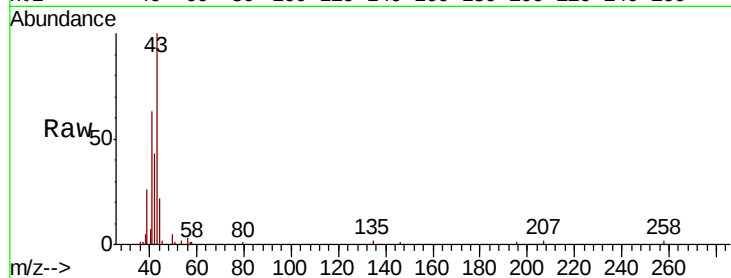
Acq: 17 May 2022 22:17

Tot Ion: 41 Resp: 19596

Ion Ratio Lower Upper

41 100

42 77.1 58.3 87.5



#10

Heptane

Concen: 0.022 ppbv

RT: 8.12 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VL039080.D

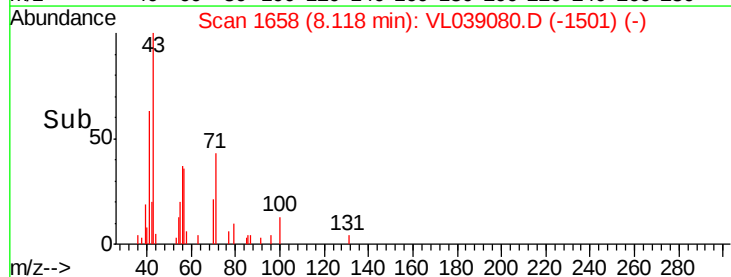
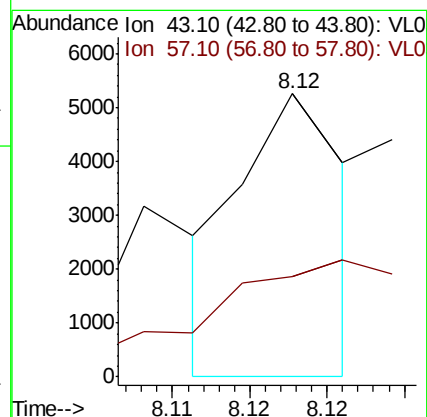
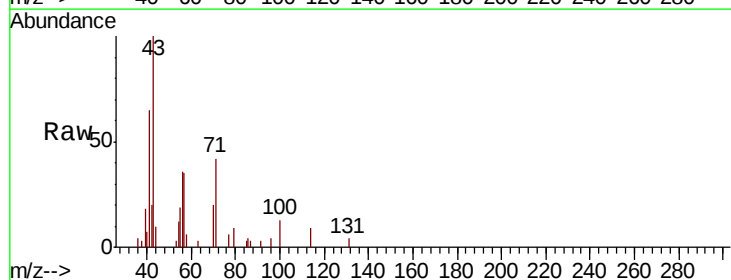
Acq: 17 May 2022 22:17

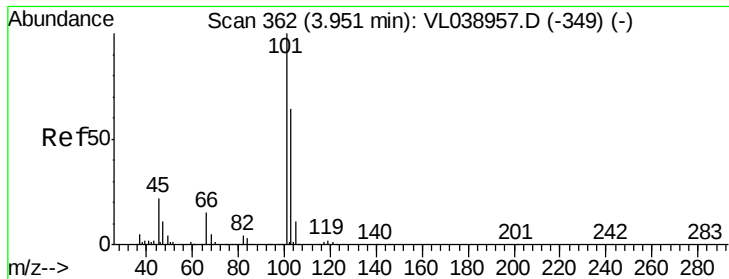
Tgt Ion: 43 Resp: 2470

Ion Ratio Lower Upper

43 100

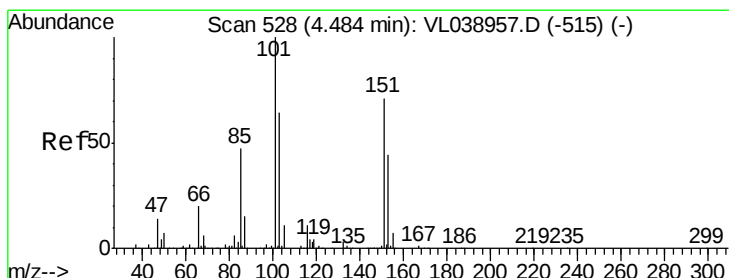
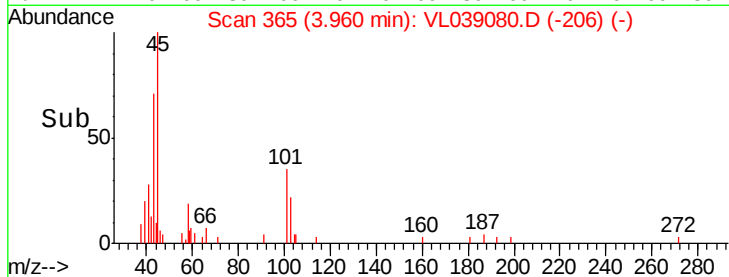
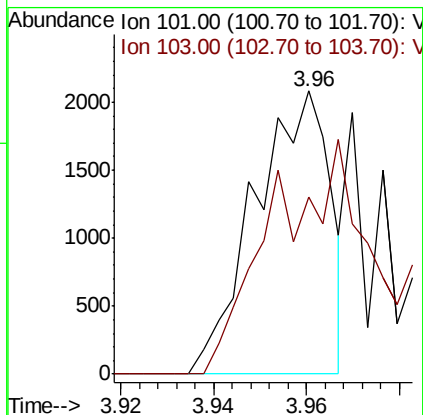
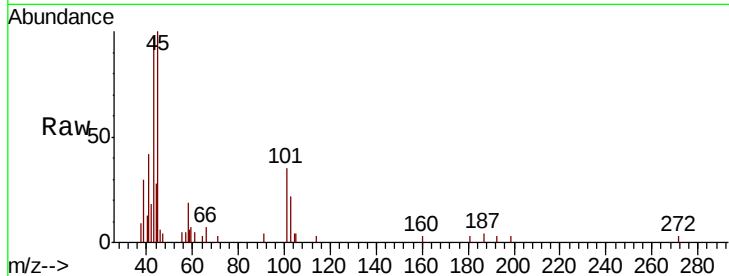
57 212.1 40.5 60.7#





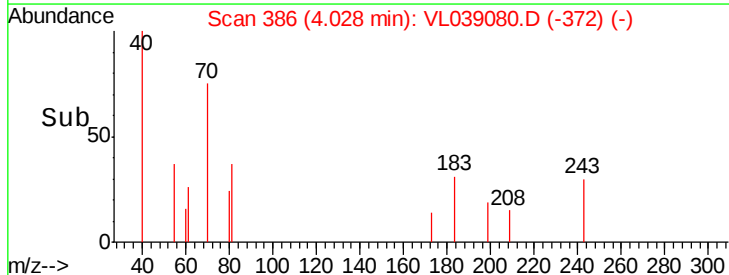
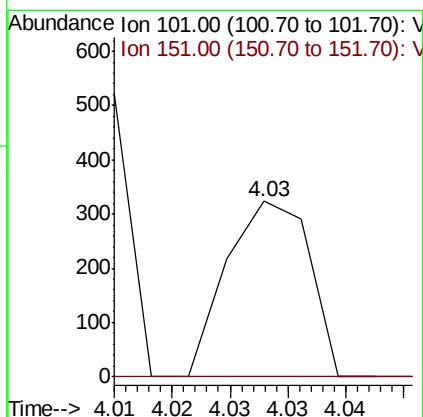
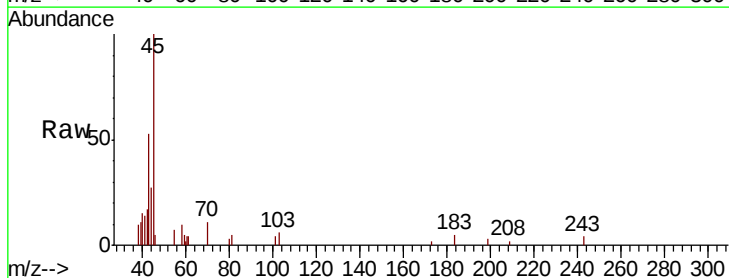
#11
 Trichlorofluoromethane
 Concen: 0.021 ppbv
 RT: 3.96
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 17 May 2022 22:17

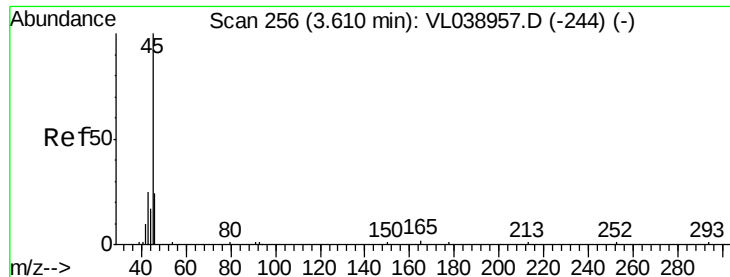
Tot Ion:101 Resp: 2356
 Ion Ratio Lower Upper
 101 100
 103 62.7 51.5 77.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.002 ppbv
 RT: 4.03 min Scan# 386
 Delta R.T. -0.46 min
 Lab File: VL039080.D
 Acq: 17 May 2022 22:17

Tgt Ion:101 Resp: 160
 Ion Ratio Lower Upper
 101 100
 151 60.0 55.4 83.0





#13

Ethanol

Concen: 27.256 ppbv

RT: 3.62 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

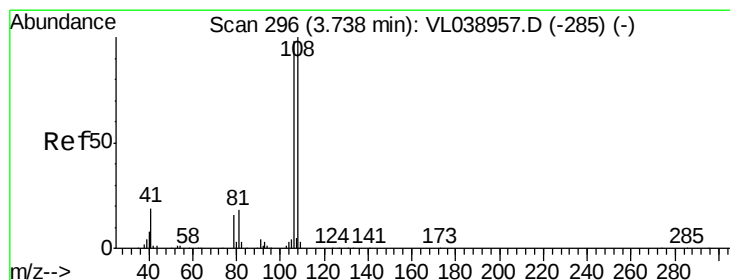
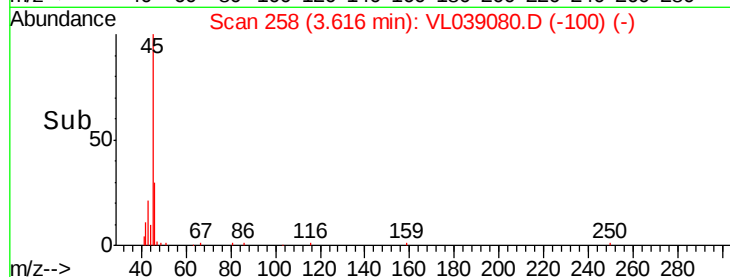
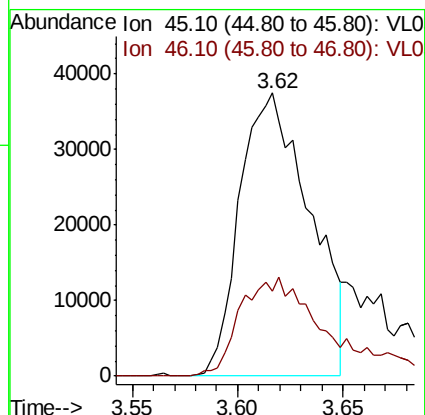
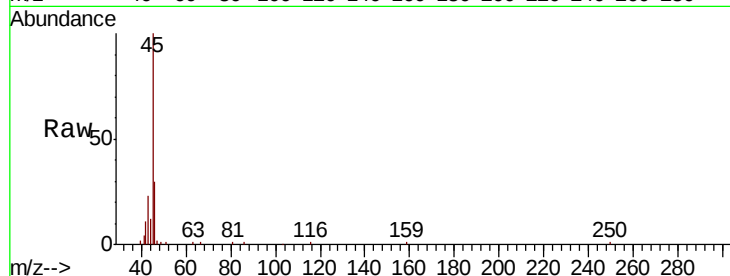
Acq: 17 May 2022 22:17

Tot Ion: 45 Resp: 86436

Ion Ratio Lower Upper

45 100

46 48.9 18.0 72.2



#14

Bromoethene

Concen: 0.003 ppbv

RT: 3.45 min Scan# 206

Delta R.T. -0.29 min

Lab File: VL039080.D

Acq: 17 May 2022 22:17

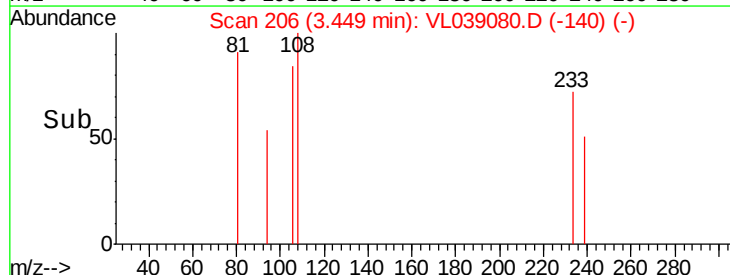
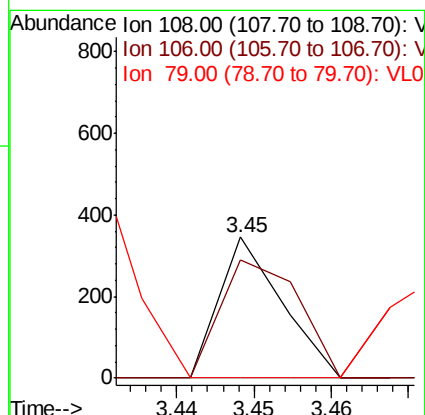
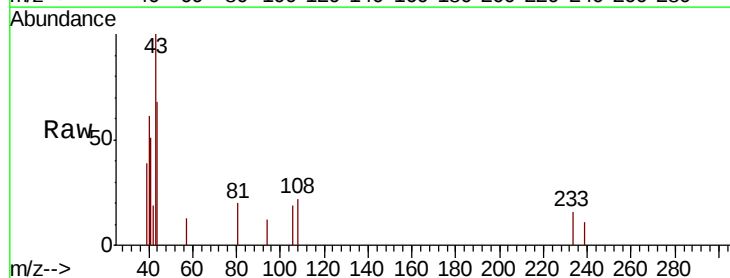
Tgt Ion: 108 Resp: 97

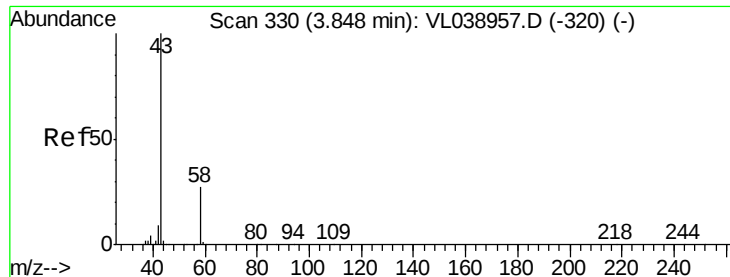
Ion Ratio Lower Upper

108 100

106 0.0 90.3 135.5#

79 135.1 14.9 22.3#





#15

Acetone

Concen: 2.675 ppbv

RT: 3.86 Instrument: MSVOA_L

Delta R.T. 0.00 min

Lab File: ClientSampleId: 1161-8.01-SG-5DL

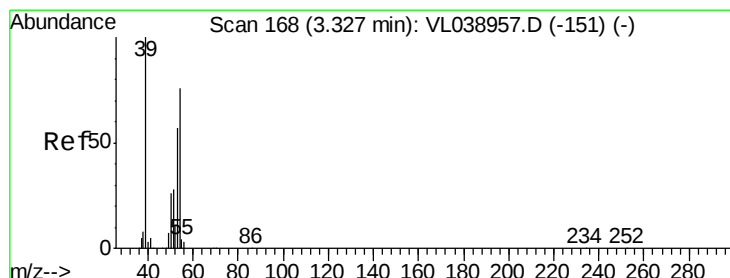
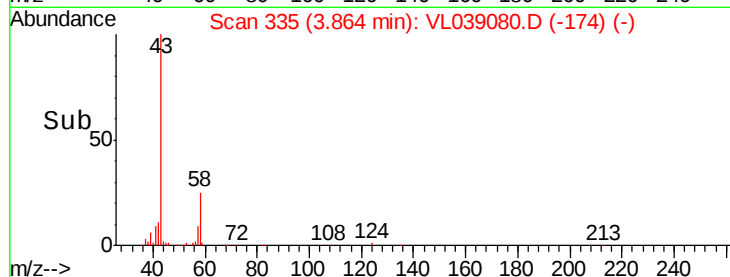
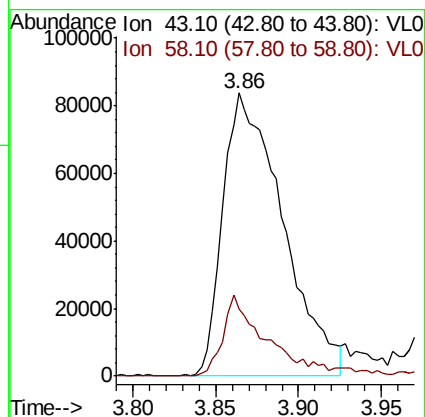
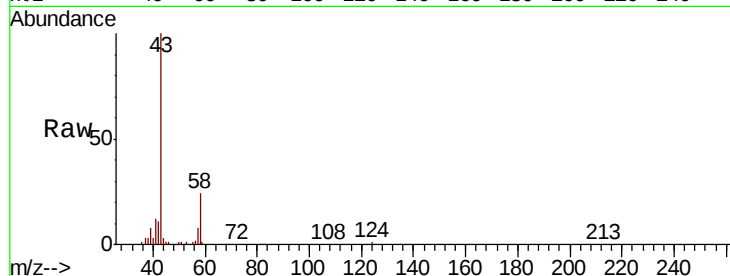
Acq: 17 May 2022 22:17

Tot Ion: 43 Resp: 208658

Ion Ratio Lower Upper

43 100

58 22.2 21.3 31.9



#16

1,3-Butadiene

Concen: 0.011 ppbv

RT: 3.33 min Scan# 168

Delta R.T. 0.00 min

Lab File: VL039080.D

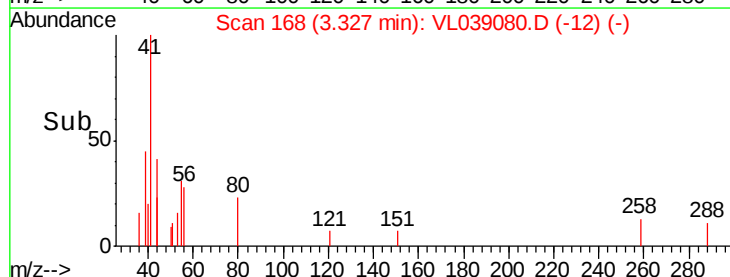
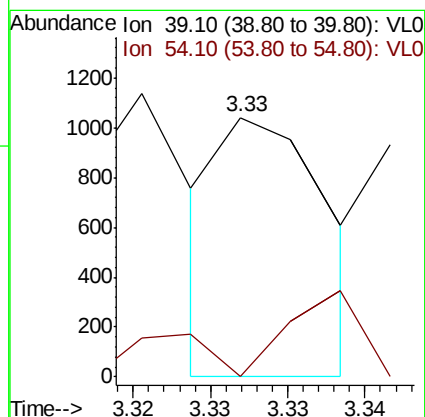
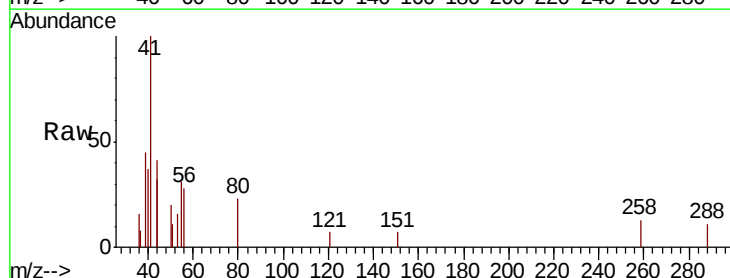
Acq: 17 May 2022 22:17

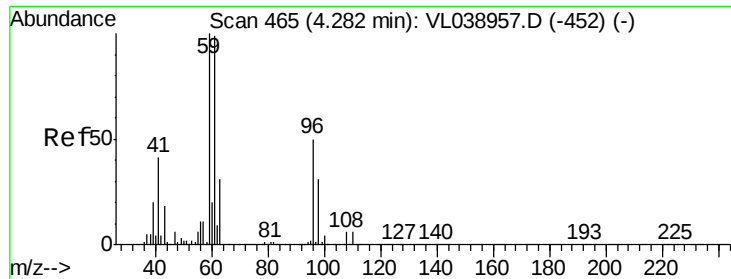
Tgt Ion: 39 Resp: 501

Ion Ratio Lower Upper

39 100

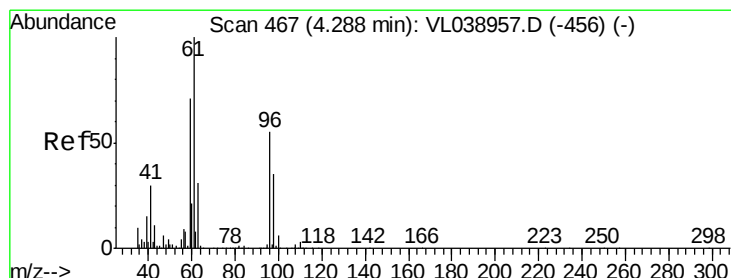
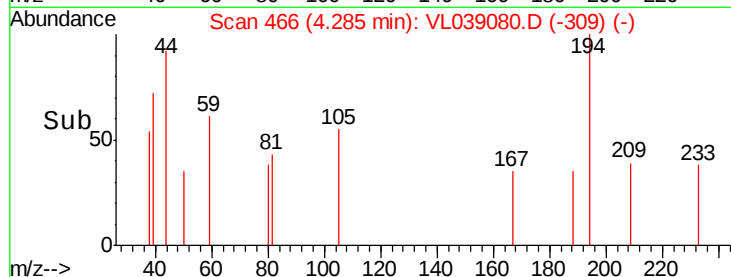
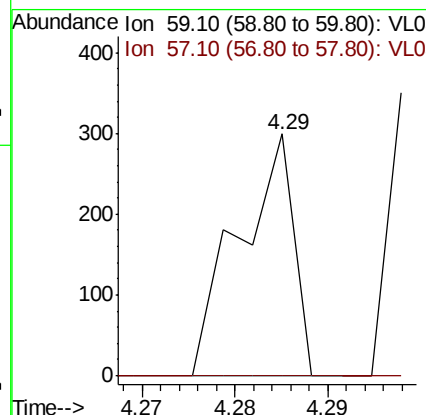
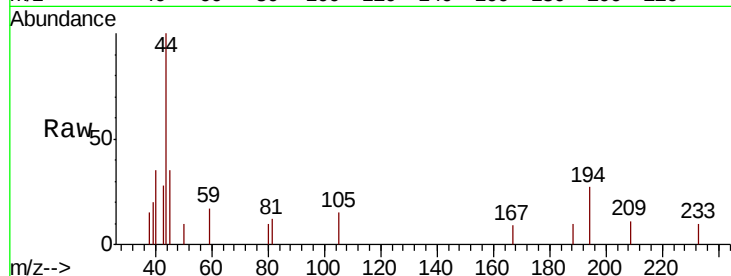
54 0.0 65.2 97.8#





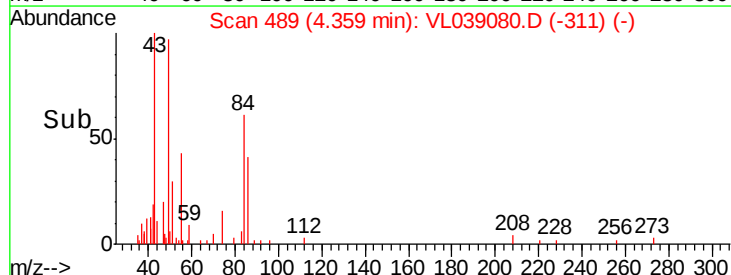
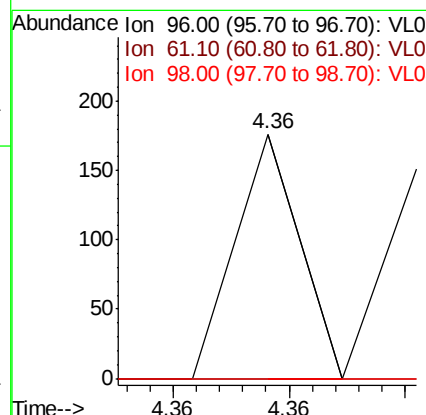
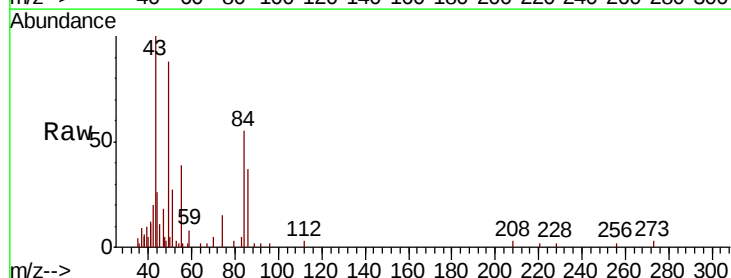
#17
tert-Butyl alcohol
Concen: 0.002 ppbv
RT: 4.29
Instrument: MSVOA_1
Delta R.T.
Lab File: ClientSampleId:
Acq: 17 May 2022 22:17

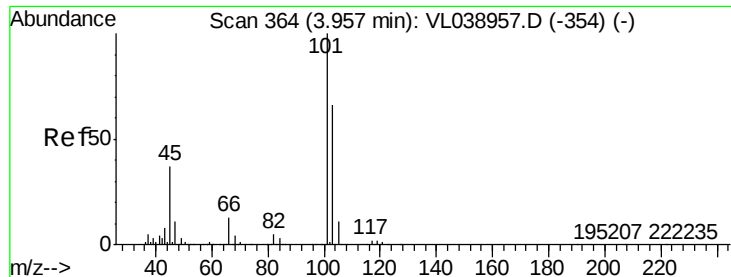
Tot Ion: 59 Resp: 124
Ion Ratio Lower Upper
59 100
57 0.0 9.2 13.8#



#18
1,1-Dichloroethene
Concen: 0.001 ppbv
RT: 4.36 min Scan# 489
Delta R.T. 0.07 min
Lab File: VL039080.D
Acq: 17 May 2022 22:17

Tgt Ion: 96 Resp: 34
Ion Ratio Lower Upper
96 100
61 0.0 146.3 219.5#
98 0.0 50.6 75.8#





#19

Isopropyl Alcohol

Concen: 1.922 ppbv

RT: 3.98 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

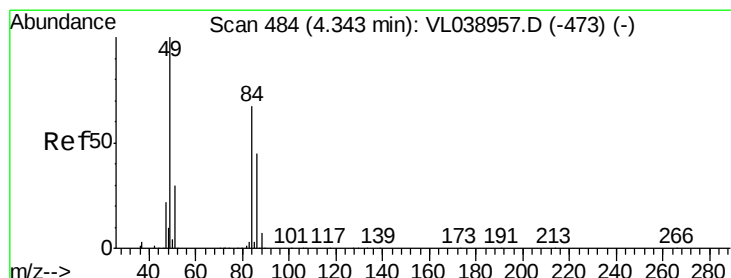
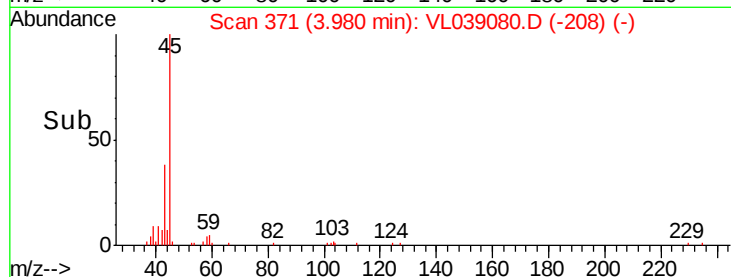
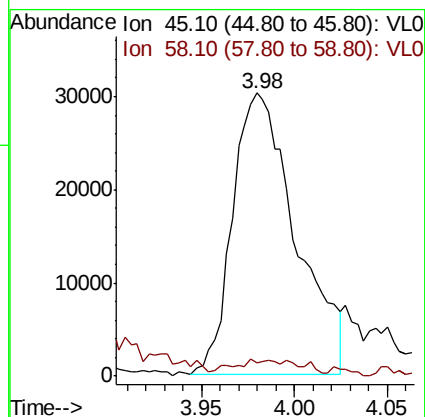
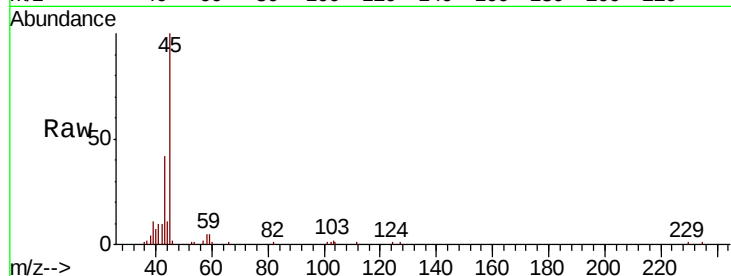
Acq: 17 May 2022 22:17

Tot Ion: 45 Resp: 71286

Ion Ratio Lower Upper

45 100

58 7.3 1.4 2.2#



#20

Methylene Chloride

Concen: 0.275 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.01 min

Lab File: VL039080.D

Acq: 17 May 2022 22:17

Tgt Ion: 84 Resp: 8078

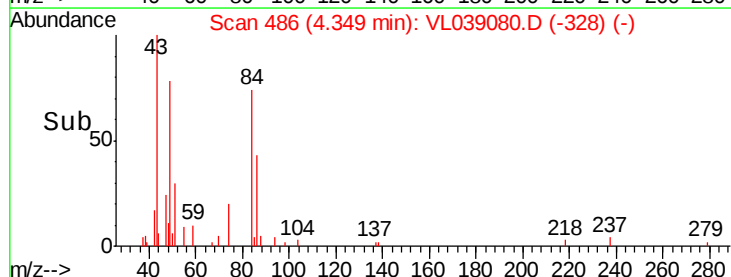
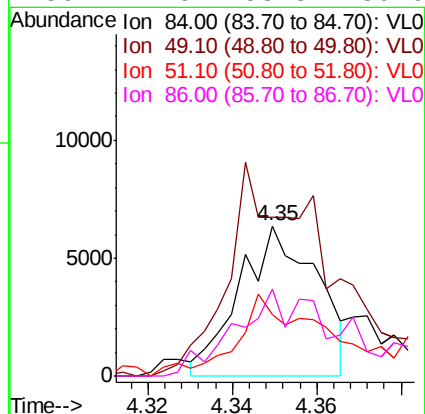
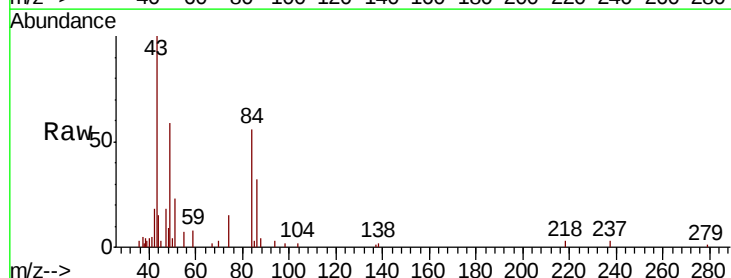
Ion Ratio Lower Upper

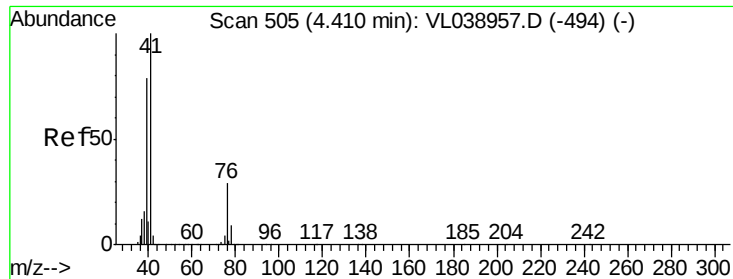
84 100

49 93.6 119.9 179.9#

51 38.9 35.7 53.5

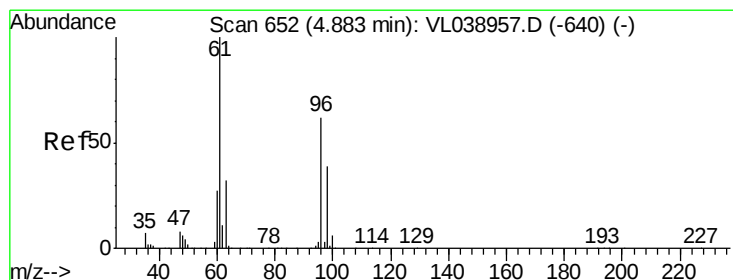
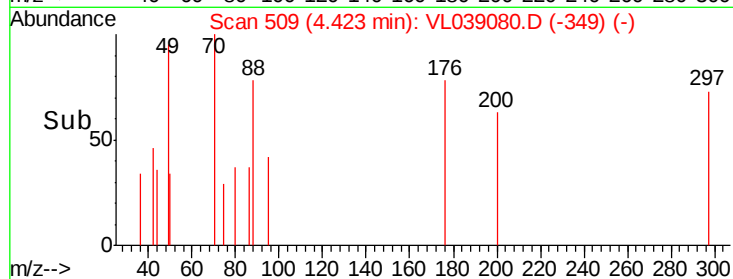
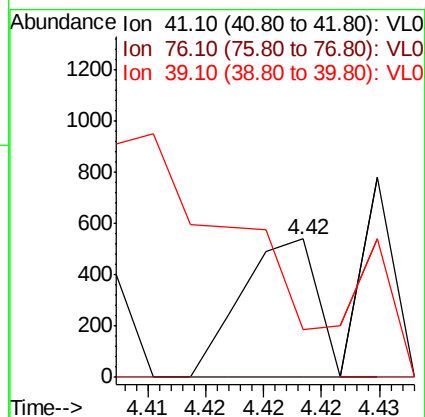
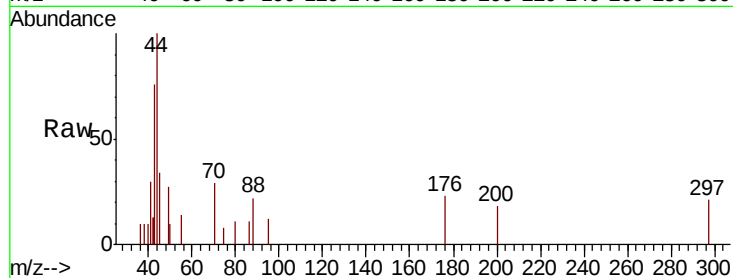
86 44.6 53.8 80.6#





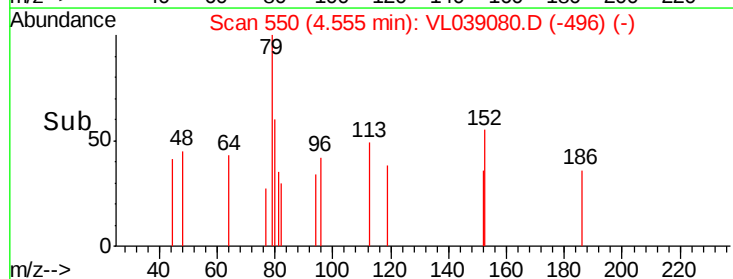
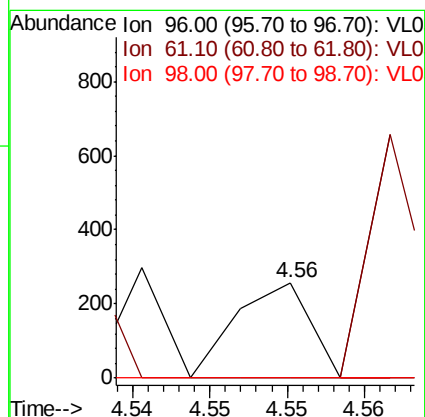
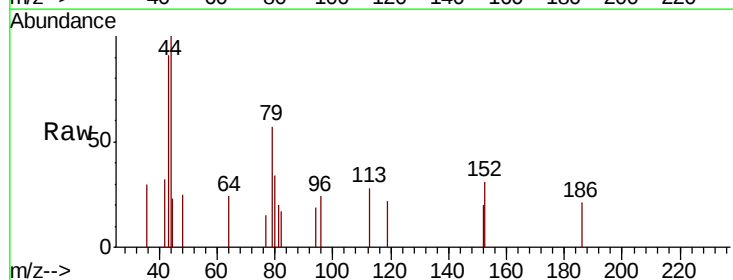
#21
Allvl Chloride
Concen: 0.005 ppbv
RT: 4.42
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 17 May 2022 22:17

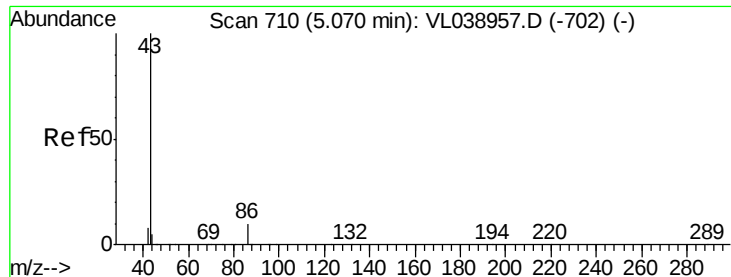
Tot Ion: 41 Resp: 246
Ion Ratio Lower Upper
41 100
76 0.0 24.2 36.4#
39 0.0 63.8 95.8#



#22
trans-1,2-Dichloroethene
Concen: 0.002 ppbv
RT: 4.56 min Scan# 550
Delta R.T. -0.33 min
Lab File: VL039080.D
Acq: 17 May 2022 22:17

Tgt Ion: 96 Resp: 85
Ion Ratio Lower Upper
96 100
61 0.0 128.2 192.2#
98 0.0 50.1 75.1#





#23

Vinyl Acetate

Concen: 0.046 ppbv

RT: 5.08 Instrument: MSVOA_1

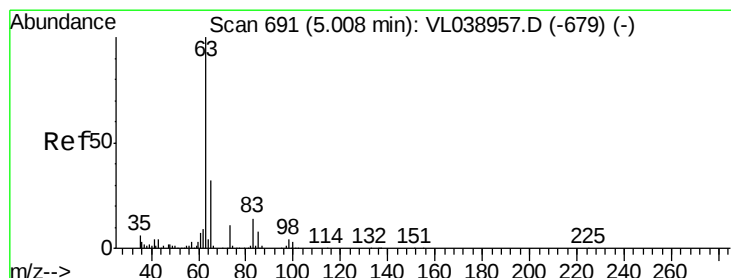
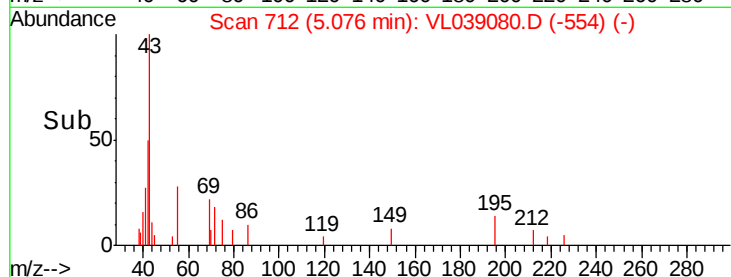
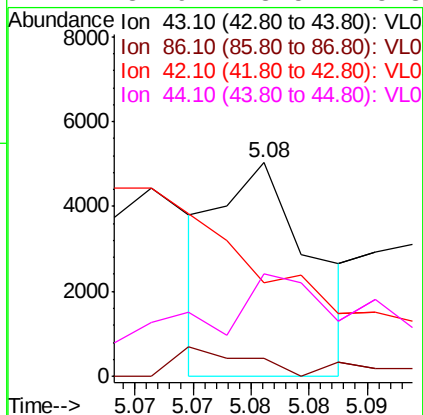
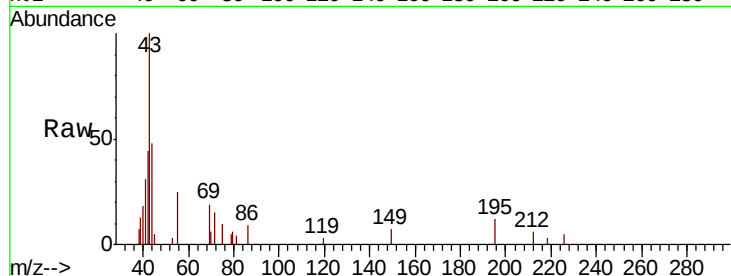
Delta R.T.

Lab File: ClientSampleId:

Acq: 17 May 2022 22:17

Tot Ion: 43 Resp: 2814

Ion	Ratio	Lower	Upper
43	100		
86	4.0	6.6	9.8#
42	30.8	8.1	12.1#
44	37.9	3.5	5.3#



#24

1,1-Dichloroethane

Concen: 0.001 ppbv

RT: 5.09 min Scan# 715

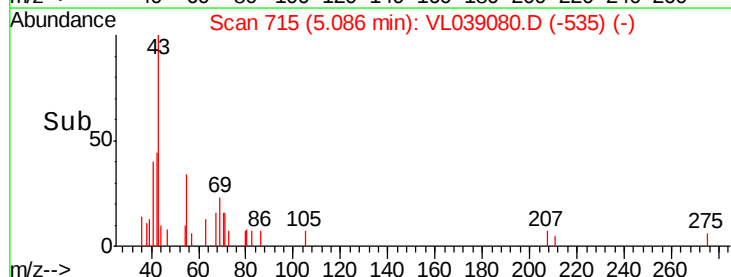
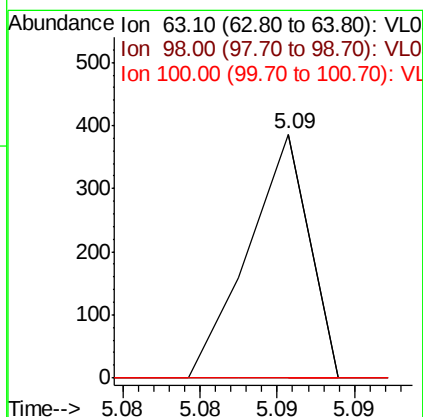
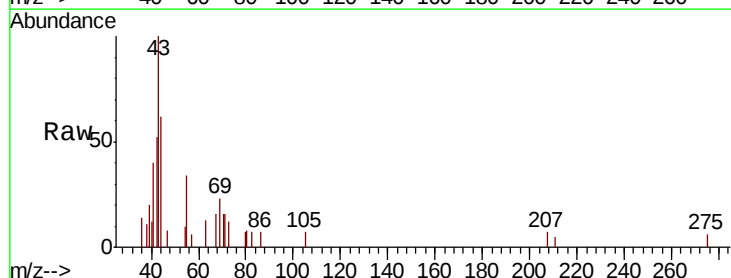
Delta R.T. 0.08 min

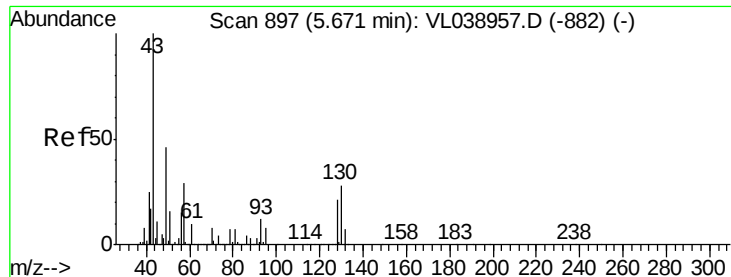
Lab File: VL039080.D

Acq: 17 May 2022 22:17

Tgt Ion: 63 Resp: 105

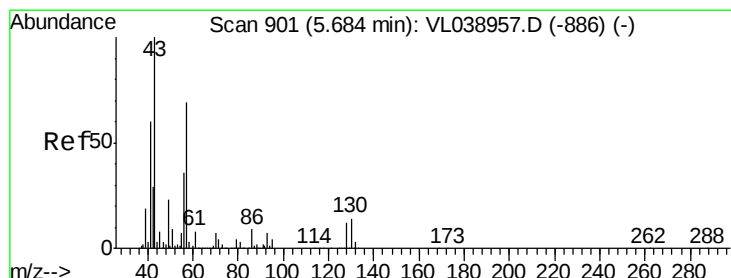
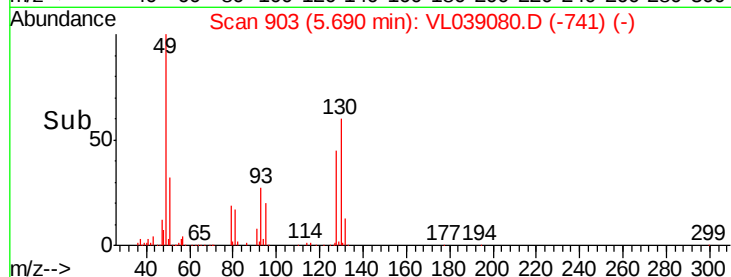
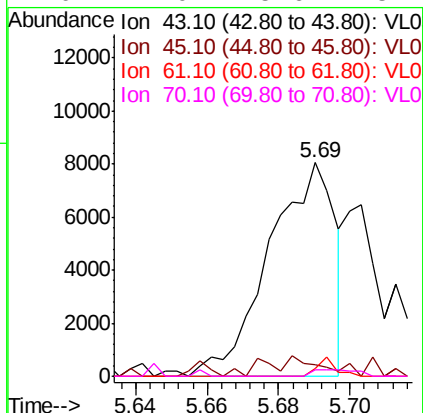
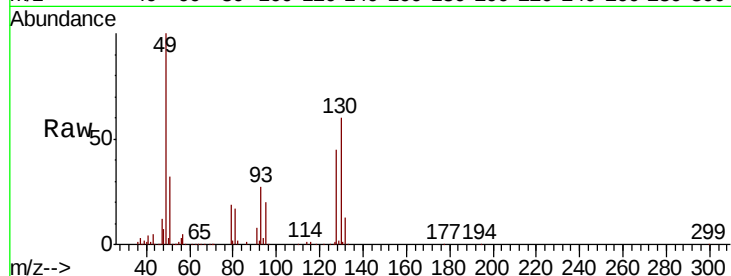
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.1	6.2#
100	0.0	1.4	4.2#





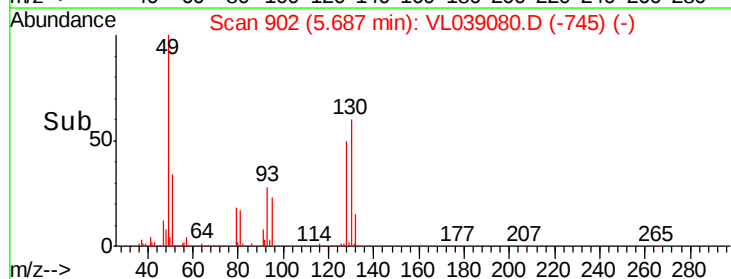
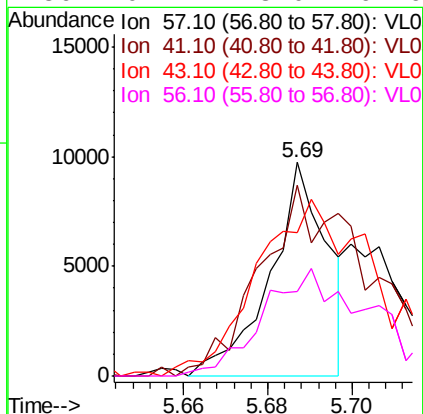
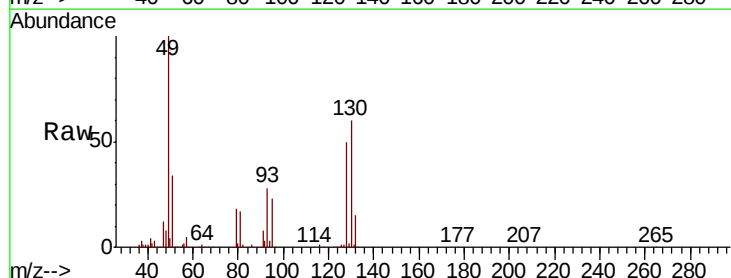
#25
Ethyl Acetate
Concen: 0.055 ppbv
RT: 5.69 min
Delta R.T.: 0.00 min
Lab File: VL039080.D
Acq: 17 May 2022 22:17

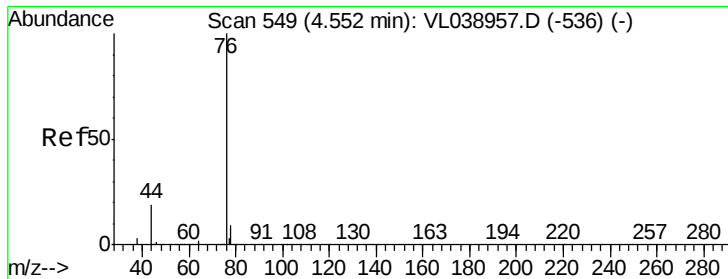
Tot Ion:	43	Resp:	10257
Ion	Ratio	Lower	Upper
43	100		
45	9.3	8.1	12.1
61	2.5	7.8	11.6#
70	2.0	5.6	8.4#



#26
Hexane
Concen: 0.109 ppbv
RT: 5.69 min Scan# 902
Delta R.T.: 0.00 min
Lab File: VL039080.D
Acq: 17 May 2022 22:17

Tgt Ion:	57	Resp:	9024
Ion	Ratio	Lower	Upper
57	100		
41	187.3	75.2	112.8#
43	218.7	190.8	286.2
56	104.4	43.0	64.6#





#27

Carbon Disulfide

Concen: 0.002 ppbv

RT: 4.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 May 2022 22:17

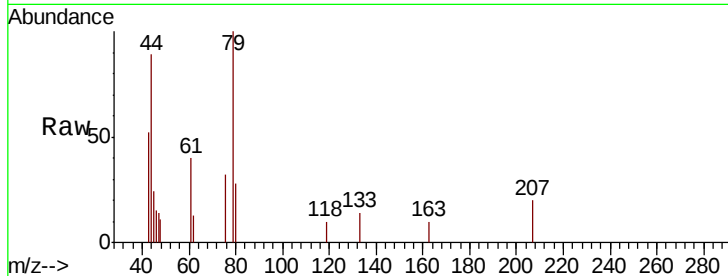
Tot Ion: 76 Resp: 174

Ion Ratio Lower Upper

76 100

44 956.3 15.3 22.9#

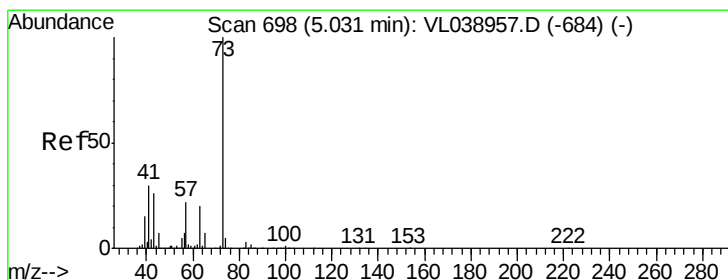
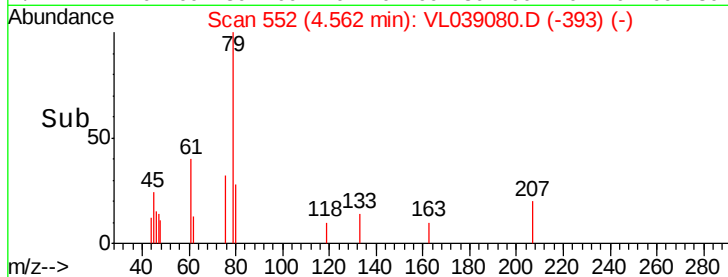
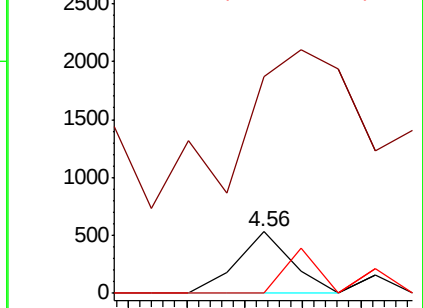
78 0.0 8.2 12.2#



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 0.002 ppbv

RT: 5.08 min Scan# 714

Delta R.T. 0.05 min

Lab File: VL039080.D

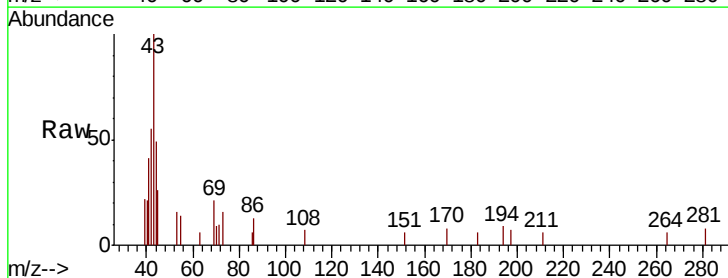
Acq: 17 May 2022 22:17

Tgt Ion: 73 Resp: 151

Ion Ratio Lower Upper

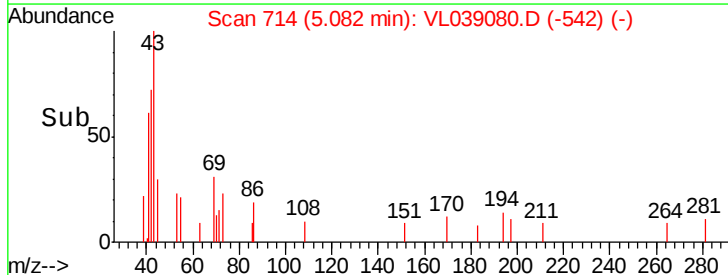
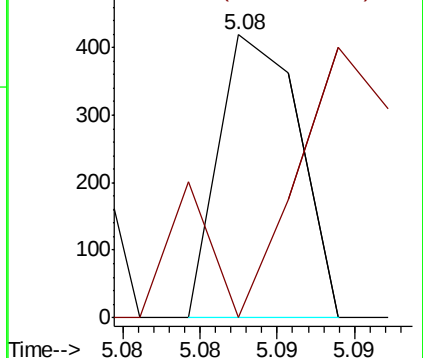
73 100

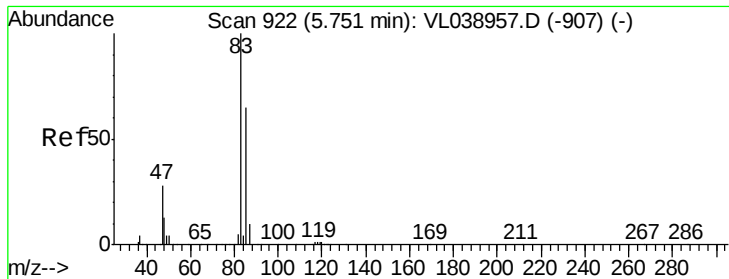
57 0.0 18.8 28.2#



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#29

Chloroform

Concen: 0.002 ppbv

RT: 5.74 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

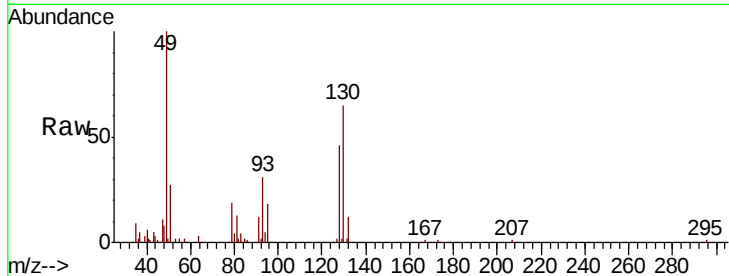
Acq: 17 May 2022 22:17

Tot Ion: 83 Resp: 219

Ion Ratio Lower Upper

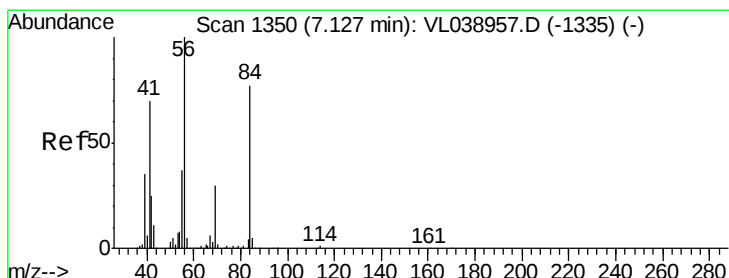
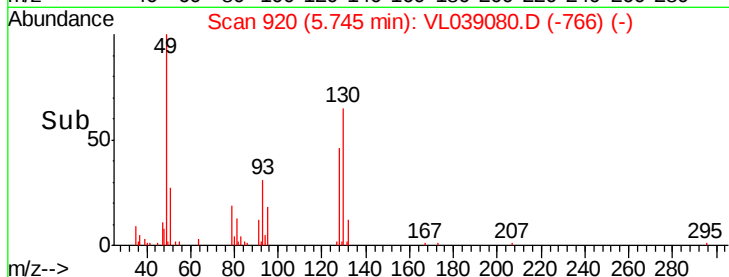
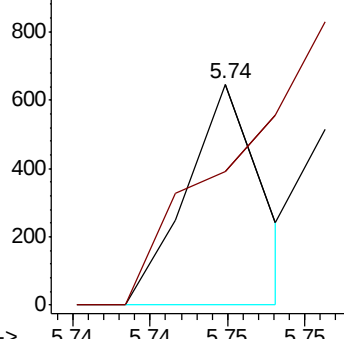
83 100

85 60.4 51.8 77.6



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#30

Cyclohexane

Concen: 0.008 ppbv

RT: 7.14 min Scan# 1355

Delta R.T. 0.02 min

Lab File: VL039080.D

Acq: 17 May 2022 22:17

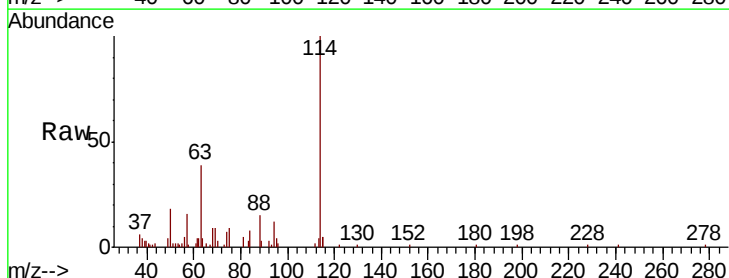
Tgt Ion: 84 Resp: 556

Ion Ratio Lower Upper

84 100

56 0.0 115.3 172.9#

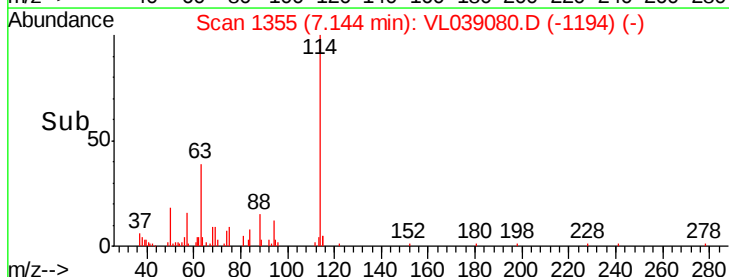
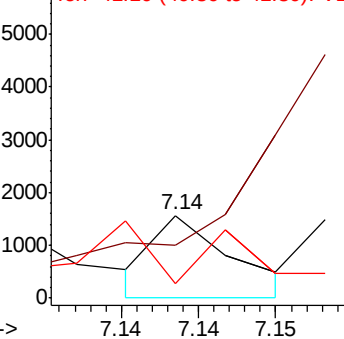
41 486.9 72.0 108.0#

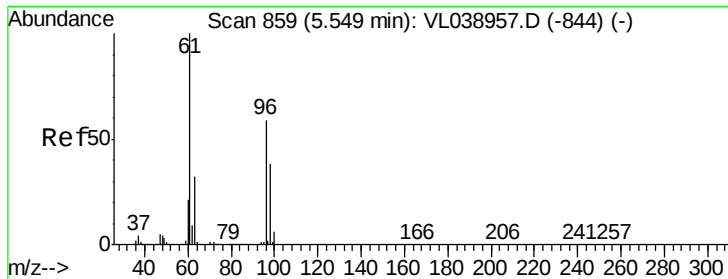


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

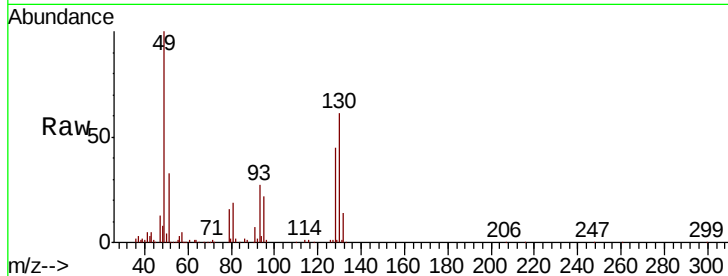
Ion 41.10 (40.80 to 41.80): VL0



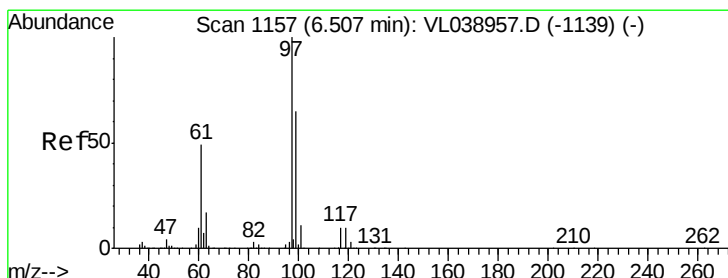
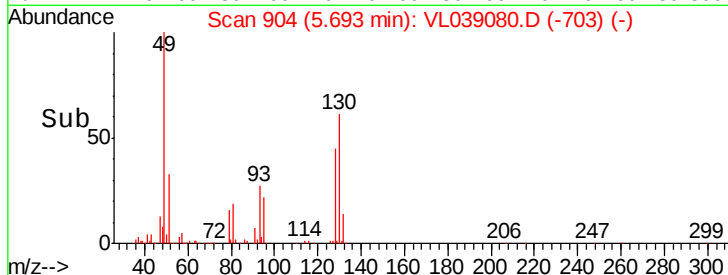
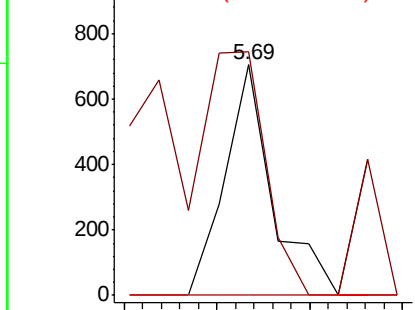


#31
 cis-1,2-Dichloroethene
 Concen: 0.003 ppbv
 RT: 5.69
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 1161-8.01-SG-5DL
 Acq: 17 May 2022 22:17

Tot Ion: 61 Resp: 252
 Ion Ratio Lower Upper
 61 100
 96 105.5 47.4 71.0#
 98 0.0 30.6 45.8#

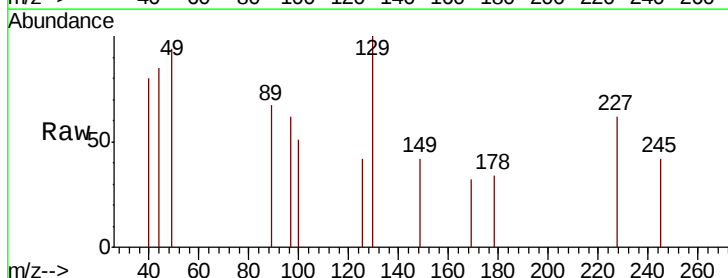


Abundance Ion 61.10 (60.80 to 61.80): VL0
 Ion 96.00 (95.70 to 96.70): VL0
 Ion 98.00 (97.70 to 98.70): VL0

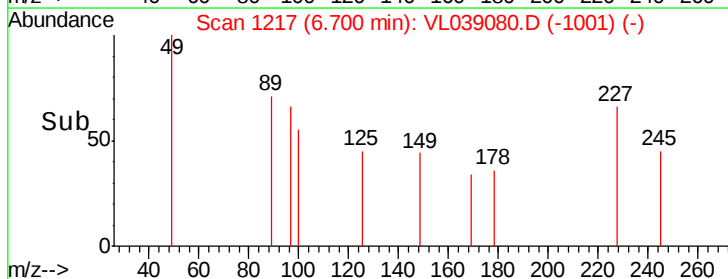
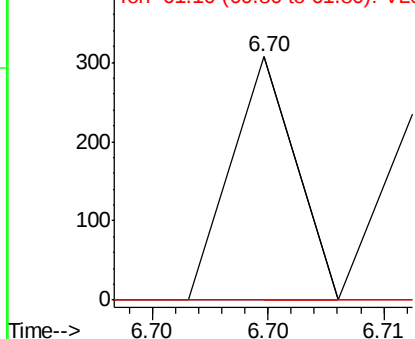


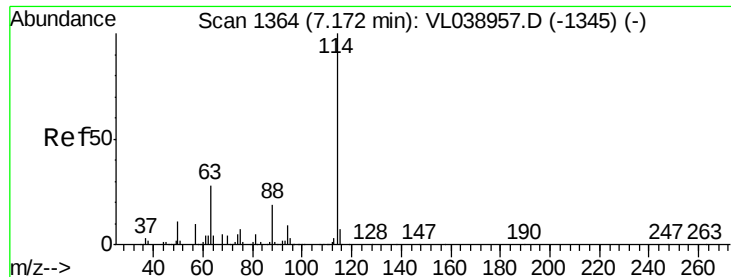
#32
 1,1,1-Trichloroethane
 Concen: 0.000 ppbv
 RT: 6.70 min Scan# 1217
 Delta R.T. 0.19 min
 Lab File: VL039080.D
 Acq: 17 May 2022 22:17

Tgt Ion: 97 Resp: 59
 Ion Ratio Lower Upper
 97 100
 99 0.0 51.9 77.9#
 61 71.2 40.9 61.3#



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





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 May 2022 22:17

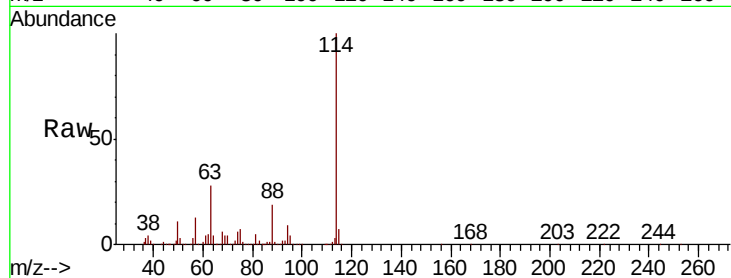
Tot Ion:114 Resp: 1954697

Ion Ratio Lower Upper

114 100

63 28.7 22.6 33.8

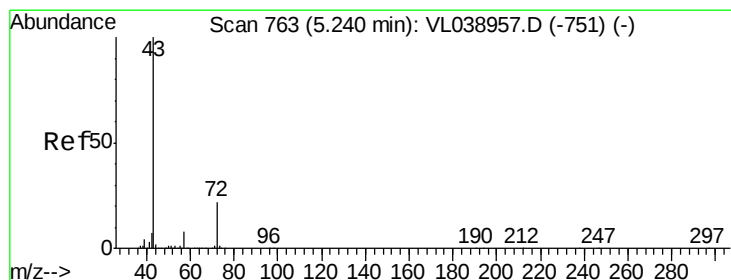
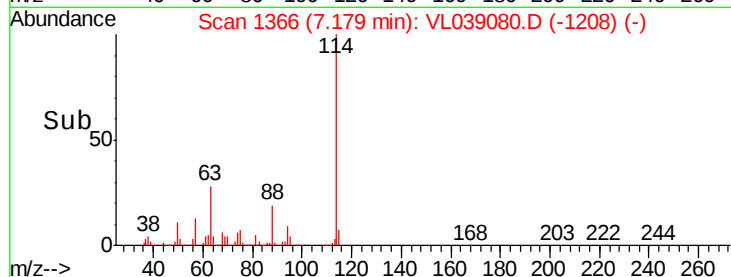
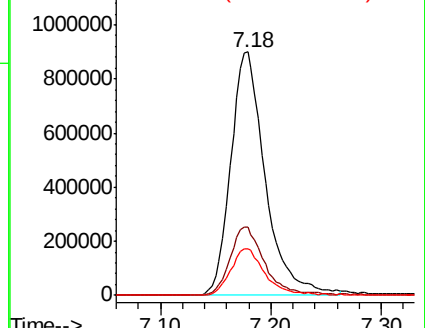
88 19.5 15.4 23.0



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: 0.176 ppbv

RT: 5.26 min Scan# 770

Delta R.T. 0.02 min

Lab File: VL039080.D

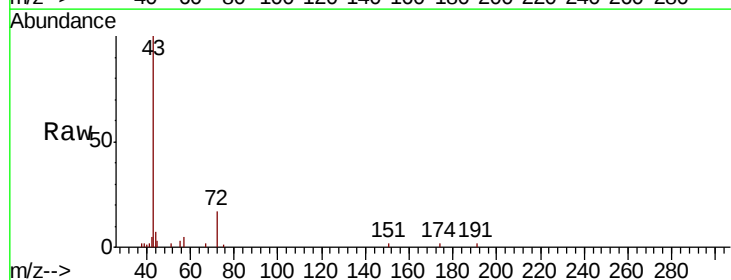
Acq: 17 May 2022 22:17

Tgt Ion: 43 Resp: 17587

Ion Ratio Lower Upper

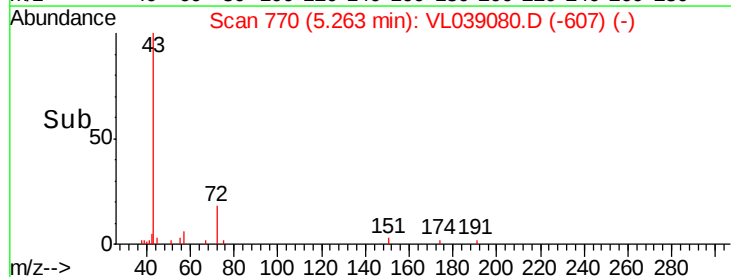
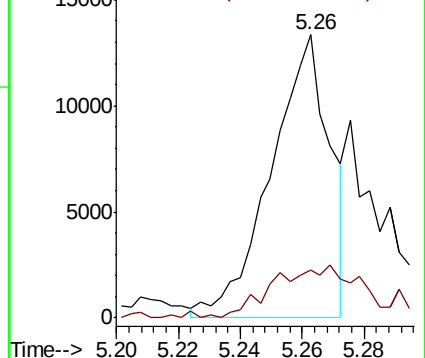
43 100

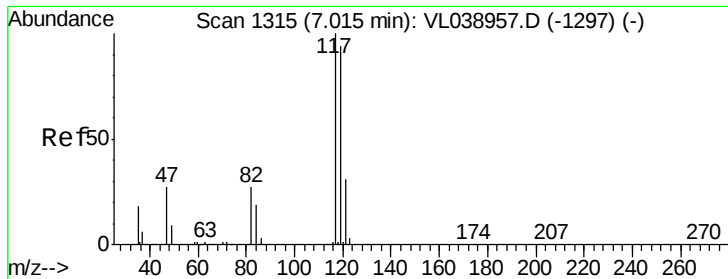
72 0.0 17.8 26.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 0.006 ppbv

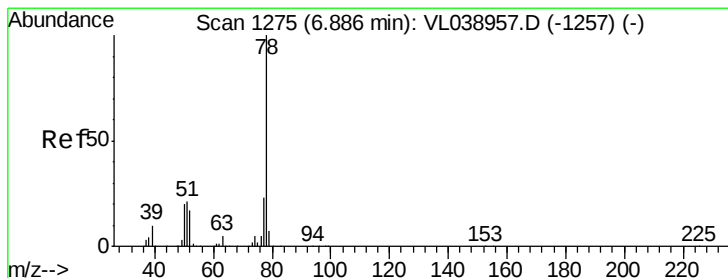
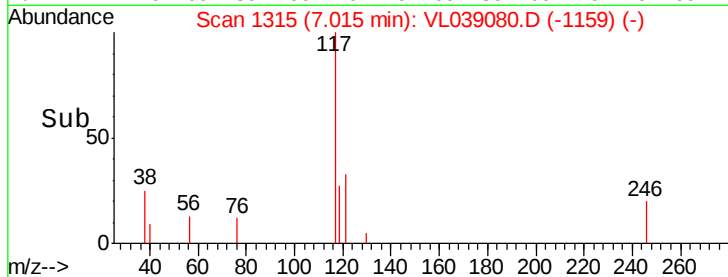
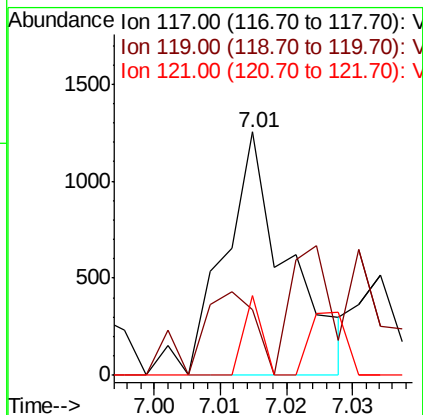
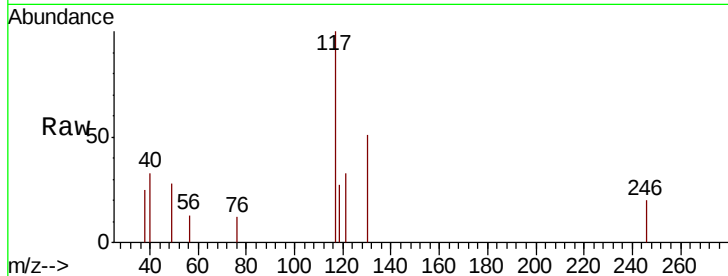
RT: 7.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 May 2022 22:17

Tot Ion:117	Resp:	817
Ion	Ratio	Lower Upper
117	100	
119	26.7	75.2 112.8#
121	32.7	24.6 37.0



#36

Benzene

Concen: 0.070 ppbv

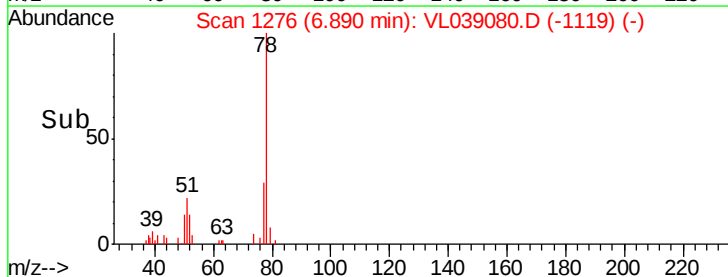
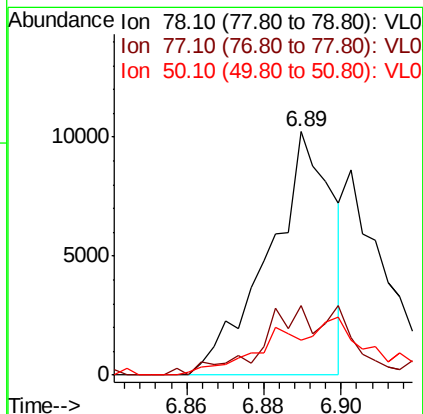
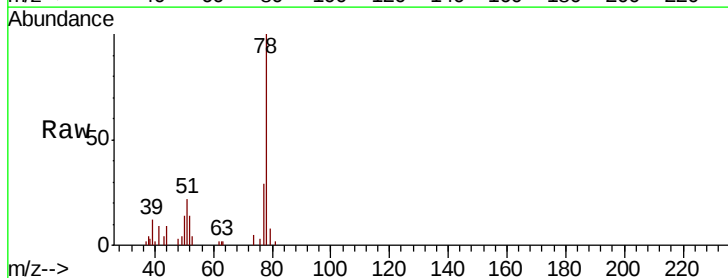
RT: 6.89 min Scan# 1276

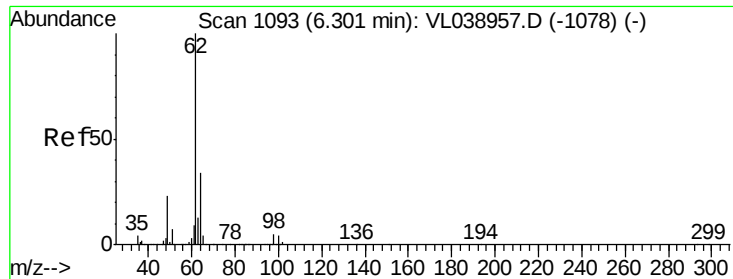
Delta R.T. 0.00 min

Lab File: VL039080.D

Acq: 17 May 2022 22:17

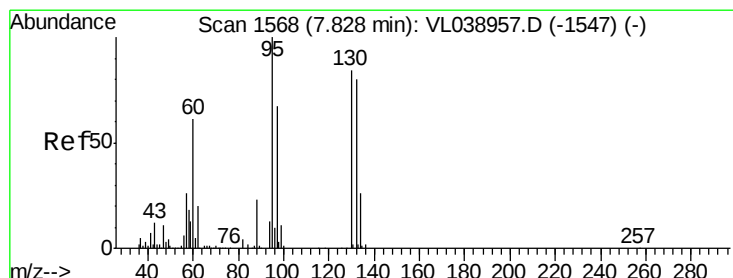
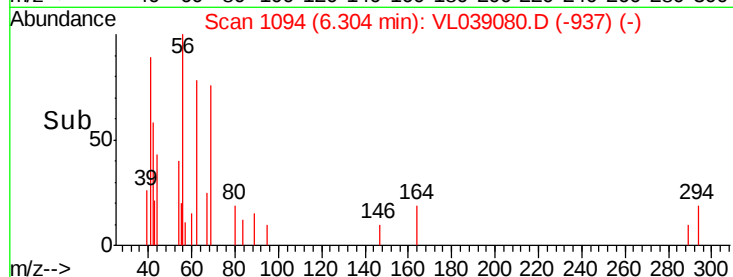
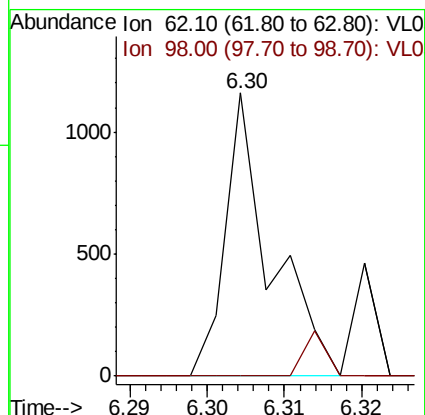
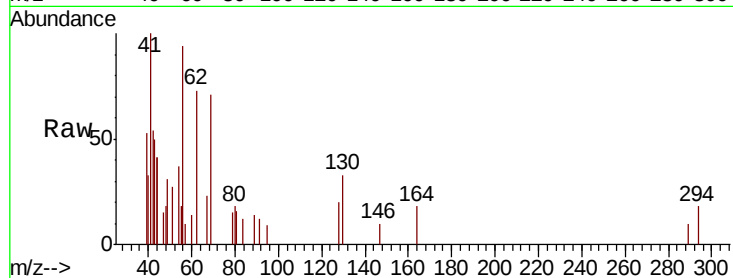
Tgt Ion: 78	Resp:	11711
Ion	Ratio	Lower Upper
78	100	
77	28.6	18.6 28.0#
50	11.2	15.6 23.4#





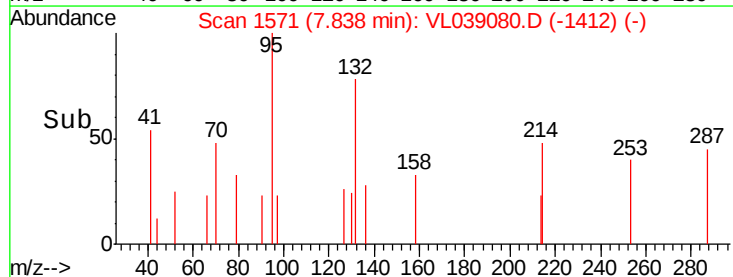
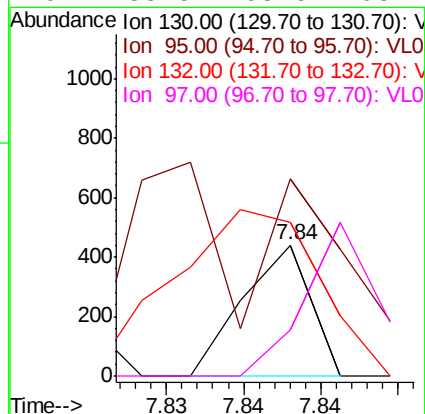
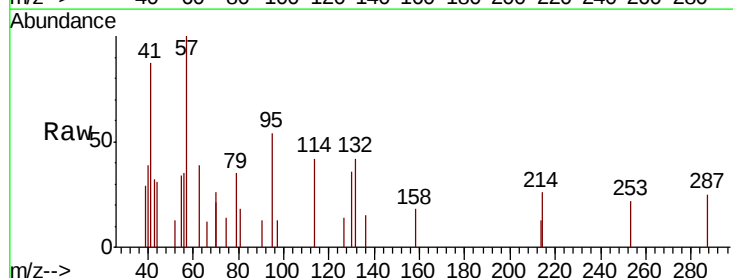
#37
 1,2-Dichloroethane
 Concen: 0.005 ppbv
 RT: 6.30
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 1161-8.01-SG-5DL
 Acq: 17 May 2022 22:17

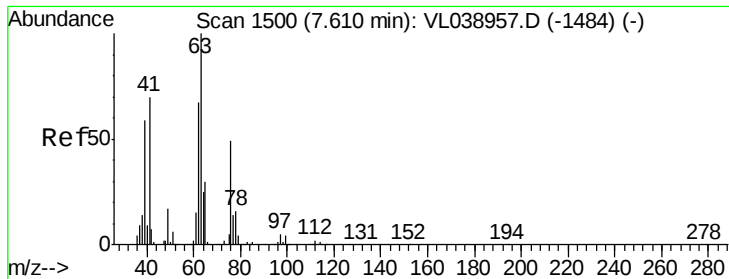
Tot Ion: 62 Resp: 472
 Ion Ratio Lower Upper
 62 100
 98 10.8 4.5 6.7#



#38
 Trichloroethene
 Concen: 0.002 ppbv
 RT: 7.84 min Scan# 1571
 Delta R.T. 0.01 min
 Lab File: VL039080.D
 Acq: 17 May 2022 22:17

Tgt Ion:130 Resp: 134
 Ion Ratio Lower Upper
 130 100
 95 54.1 94.8 142.2#
 132 71.6 75.8 113.8#
 97 35.5 63.6 95.4#





#39

1,2-Dichloropropane

Concen: 8.267 ppbv

RT: 7.18 Instrument: MSVOA_L

Delta R.T.

Lab File: ClientSampleId:

Acq: 17 May 2022 22:17

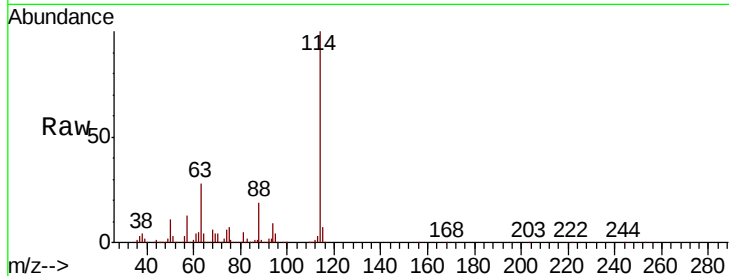
Tot Ion: 63 Resp: 538099

Ion Ratio Lower Upper

63 100

41 0.0 55.9 83.9#

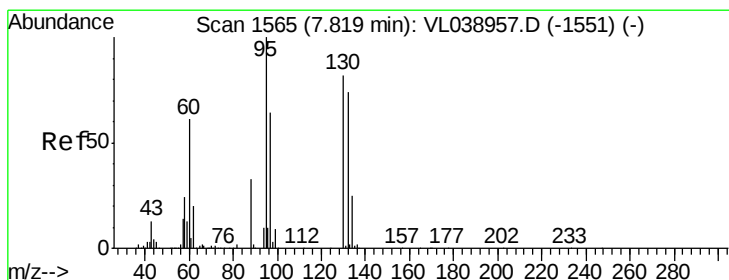
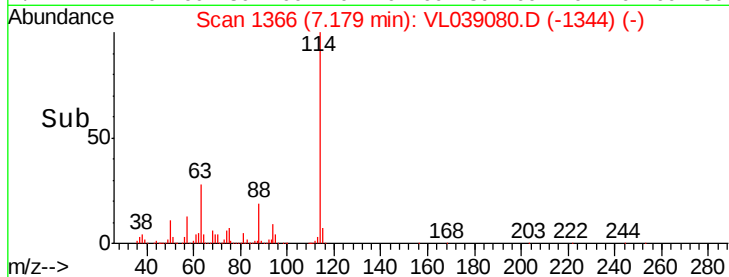
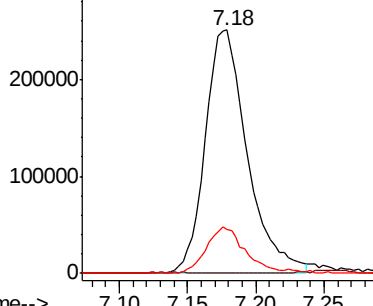
62 18.2 53.8 80.6#



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



#40

1,4-Dioxane

Concen: 0.002 ppbv

RT: 7.82 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VL039080.D

Acq: 17 May 2022 22:17

Tgt Ion: 88 Resp: 45

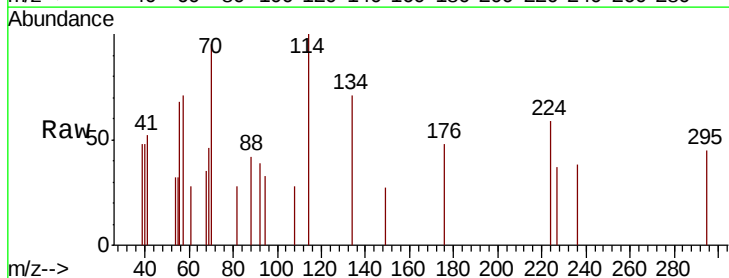
Ion Ratio Lower Upper

88 100

58 0.0 106.1 159.1#

43 0.0 222.9 334.3#

57 0.0 957.6 1436.4#

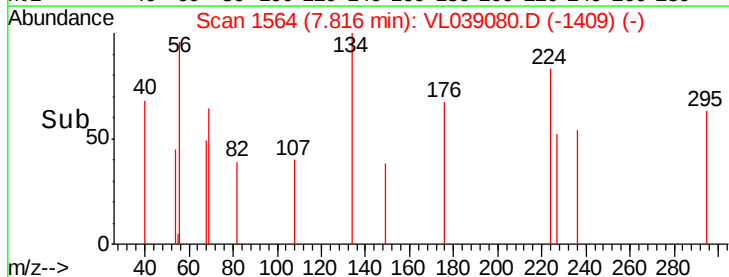
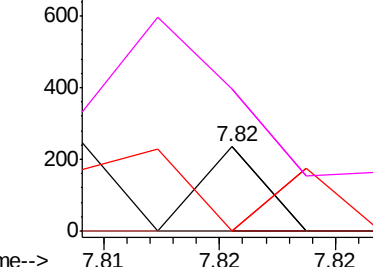


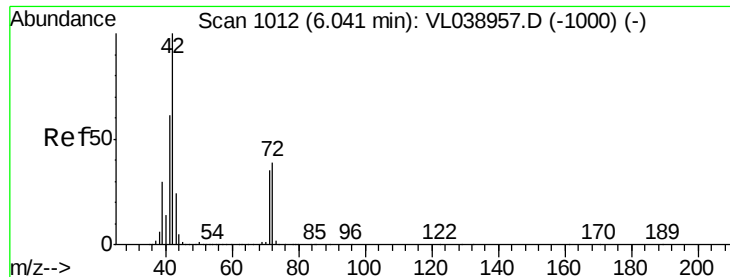
Abundance Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#41

Tetrahydrofuran

Concen: 0.001 ppbv

RT: 6.05 Instrument:

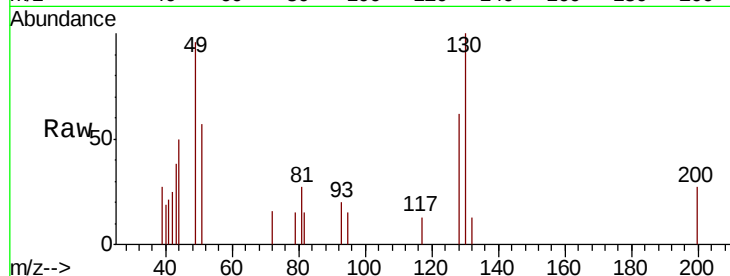
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

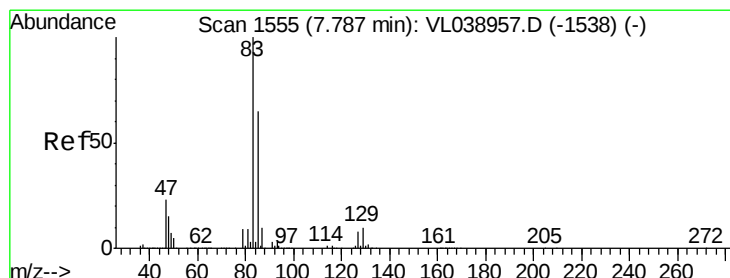
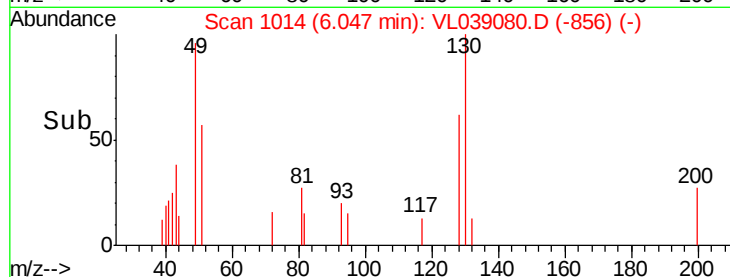
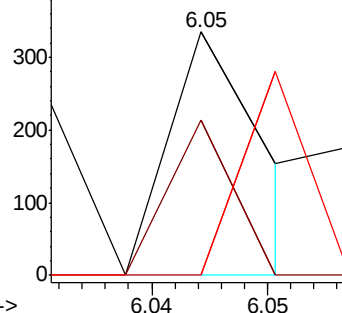
Acq: 17 May 2022 22:17

Tot Ion: 42 Resp: 94

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.8	47.6#
71	0.0	30.6	45.8#



Abundance Ion 42.10 (41.80 to 42.80): VL0
Ion 72.10 (71.80 to 72.80): VL0
Ion 71.10 (70.80 to 71.80): VL0



#42

Bromodichloromethane

Concen: 0.001 ppbv

RT: 7.79 min Scan# 1555

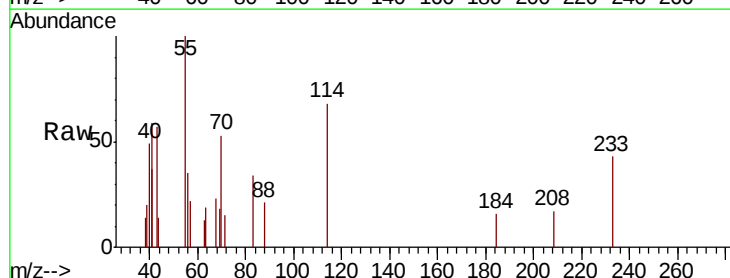
Delta R.T. 0.00 min

Lab File: VL039080.D

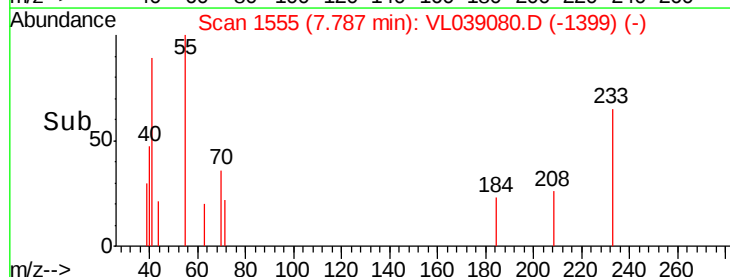
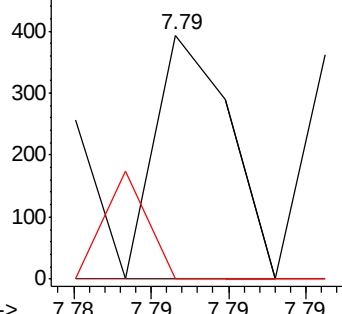
Acq: 17 May 2022 22:17

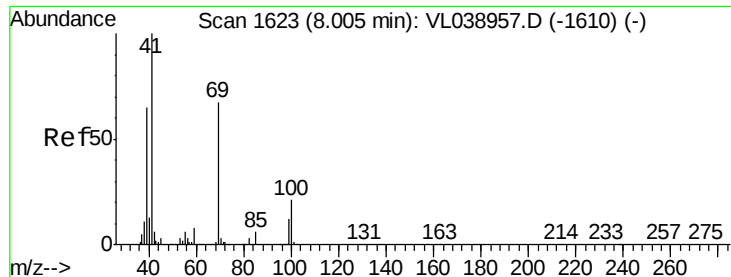
Tgt Ion: 83 Resp: 132

Ion	Ratio	Lower	Upper
83	100		
85	0.0	52.0	78.0#
127	0.0	6.0	9.0#



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





#43

Methyl Methacrylate

Concen: 0.002 ppbv

RT: 8.01

Instrument: MSVOA_1

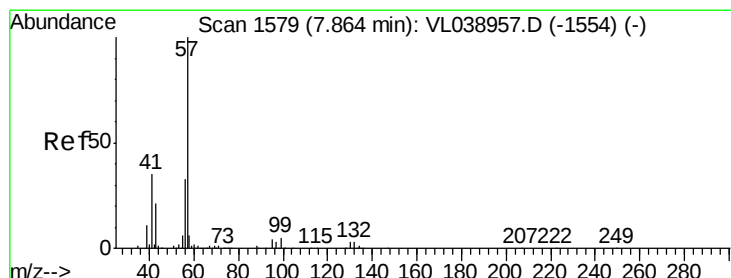
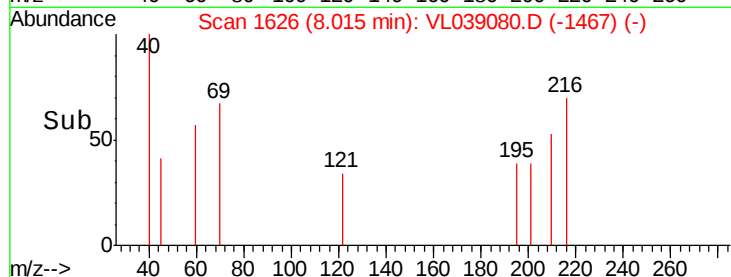
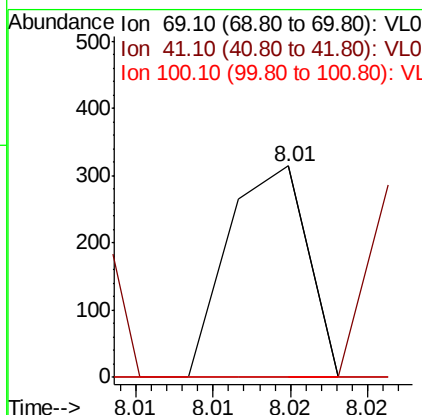
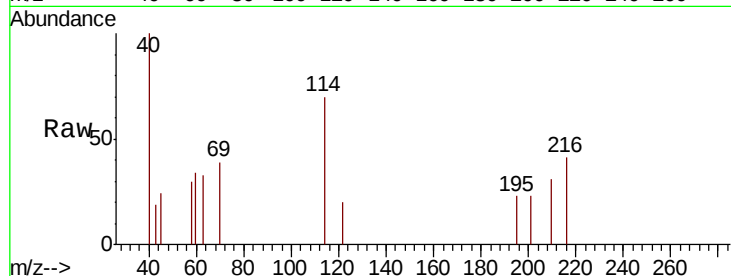
Delta R.T. ClientSampleId:

Lab File: 1161-8.01-SG-5DL

Acq: 17 May 2022 22:17

Tot Ion: 69 Resp: 112

Ion	Ratio	Lower	Upper
69	100		
41	429.5	121.9	182.9#
100	0.0	24.6	36.8#



#44

2,2,4-Trimethylpentane

Concen: 0.114 ppbv

RT: 7.87 min Scan# 1581

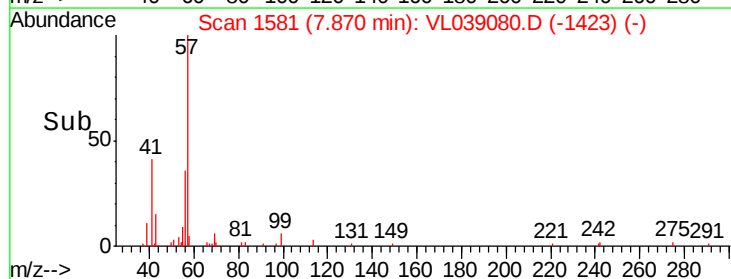
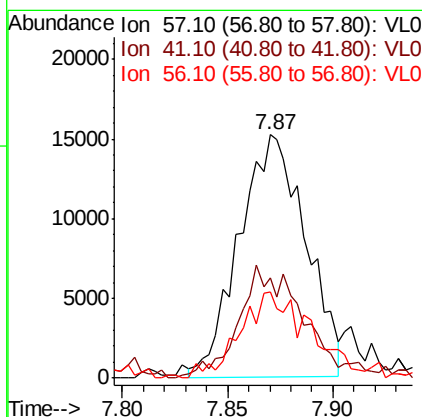
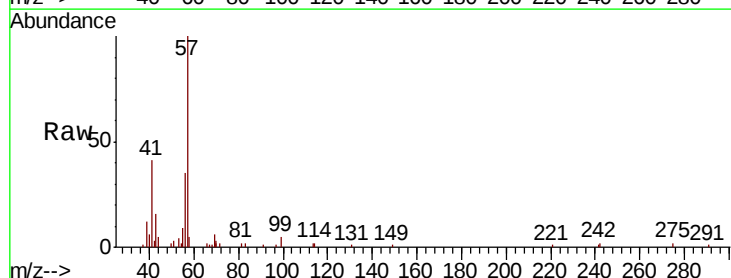
Delta R.T. 0.01 min

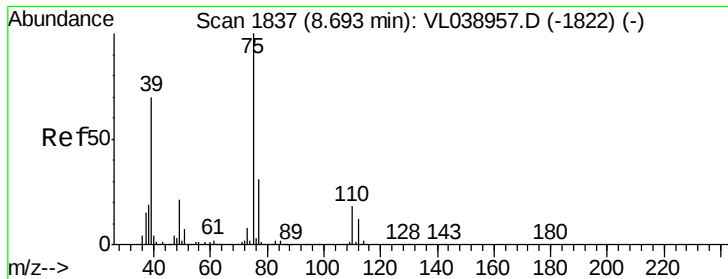
Lab File: VL039080.D

Acq: 17 May 2022 22:17

Tgt Ion: 57 Resp: 33326

Ion	Ratio	Lower	Upper
57	100		
41	47.2	26.3	39.5#
56	39.4	24.6	37.0#





#46

cis-1,3-Dichloropropene

Concen: 0.001 ppbv

RT: 8.34 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 May 2022 22:17

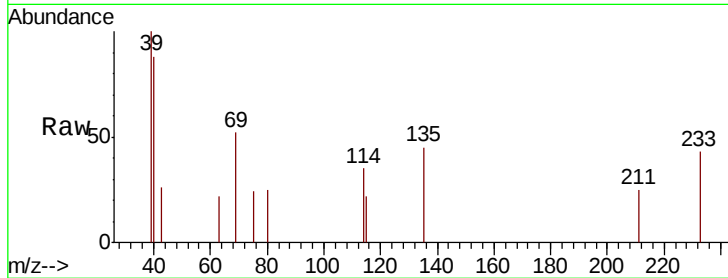
Tot Ion: 75 Resp: 66

Ion Ratio Lower Upper

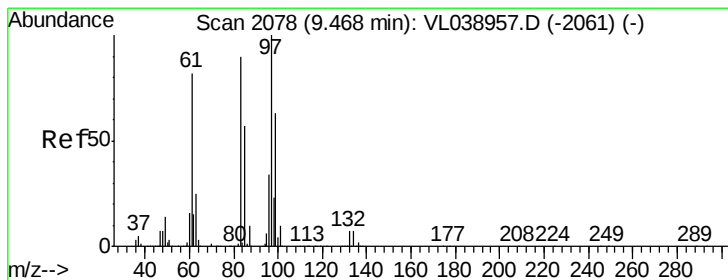
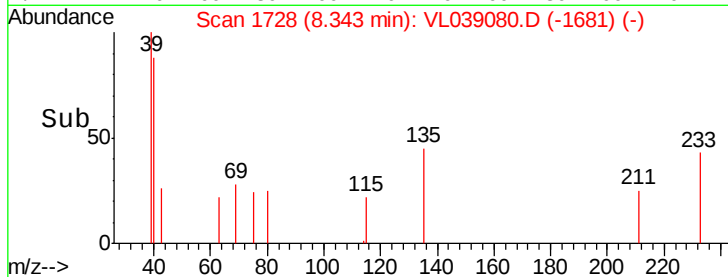
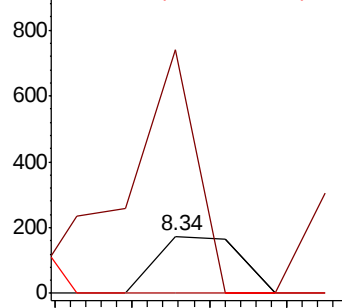
75 100

39 425.3 55.8 83.6#

77 0.0 24.8 37.2#



Abundance Ion 75.00 (74.70 to 75.70): VL0
Ion 39.00 (38.70 to 39.70): VL0
Ion 77.00 (76.70 to 77.70): VL0



#47

1,1,2-Trichloroethane

Concen: 0.001 ppbv

RT: 9.77 min Scan# 2172

Delta R.T. 0.30 min

Lab File: VL039080.D

Acq: 17 May 2022 22:17

Tgt Ion: 97 Resp: 64

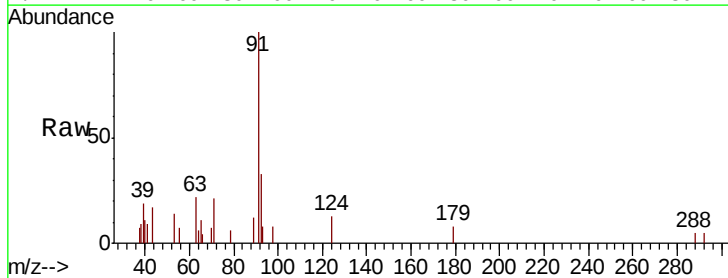
Ion Ratio Lower Upper

97 100

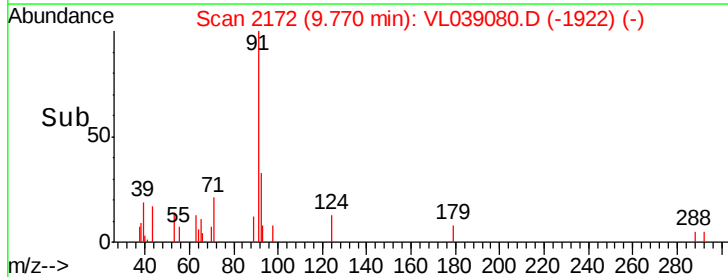
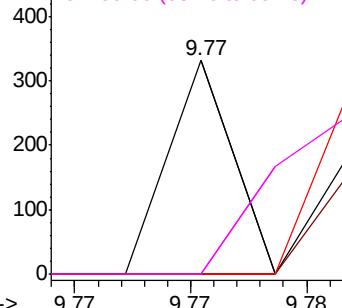
83 0.0 72.0 108.0#

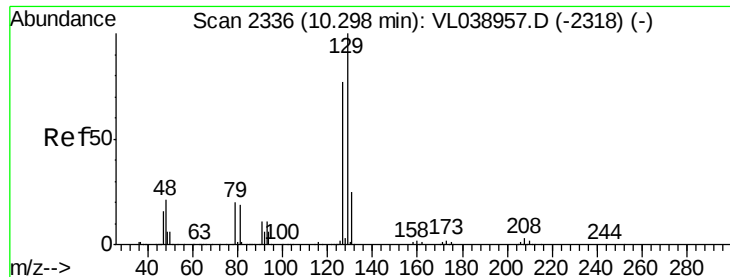
85 0.0 45.7 68.5#

99 0.0 50.2 75.4#



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: 0.001 ppbv

RT: 10.65

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

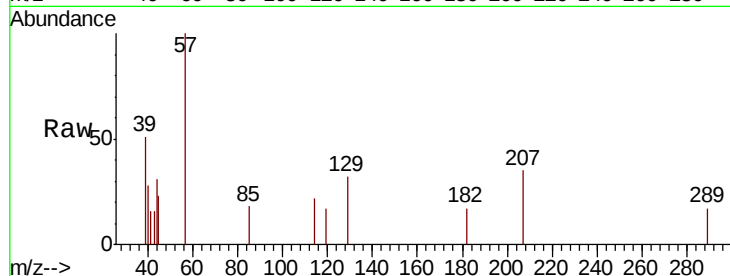
Acq: 17 May 2022 22:17

Tot Ion: 129 Resp: 93

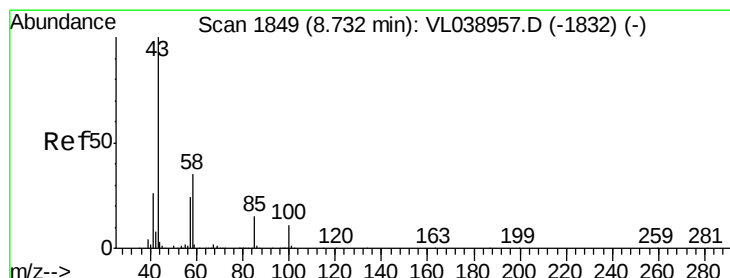
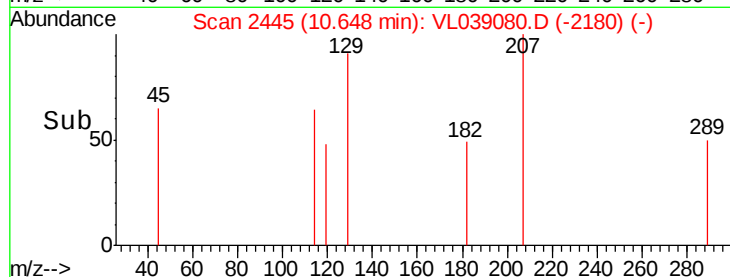
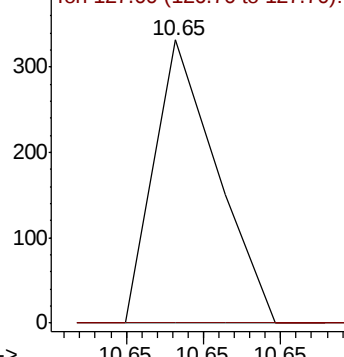
Ion Ratio Lower Upper

129 100

127 79.6 39.3 117.9



Abundance Ion 129.00 (128.70 to 129.70): V



#50

4-Methyl-2-Pentanone

Concen: 0.000 ppbv

RT: 8.74 min Scan# 1853

Delta R.T. 0.01 min

Lab File: VL039080.D

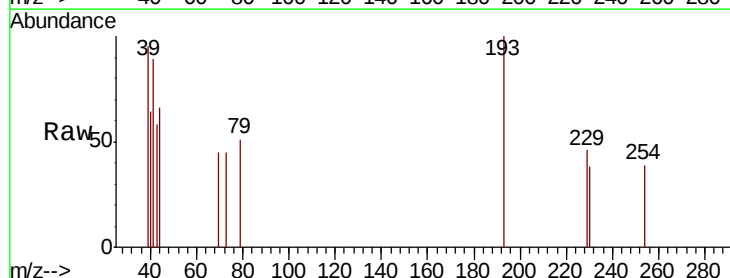
Acq: 17 May 2022 22:17

Tgt Ion: 43 Resp: 48

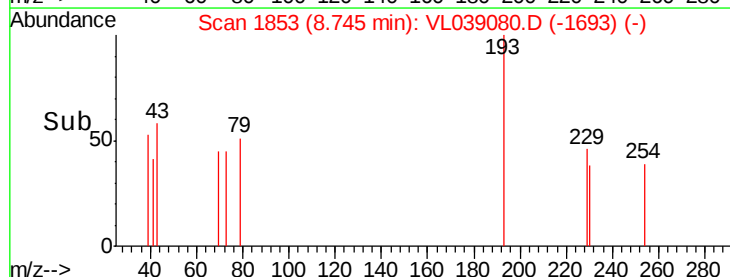
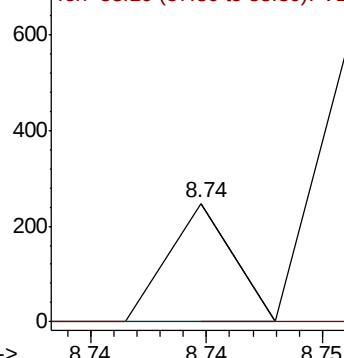
Ion Ratio Lower Upper

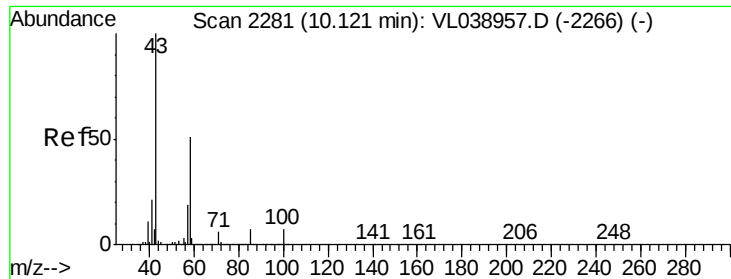
43 100

58 0.0 28.4 42.6#



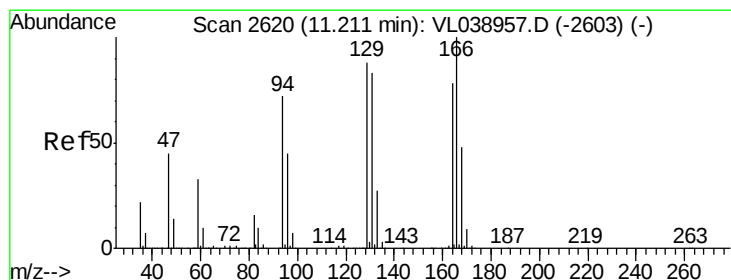
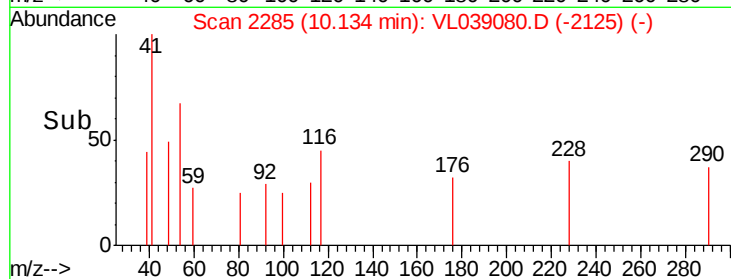
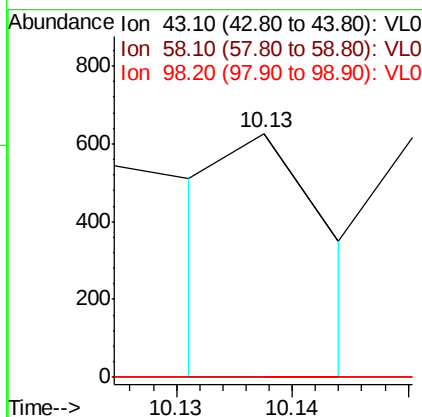
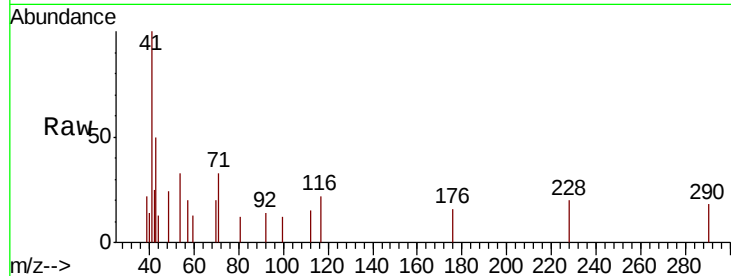
Abundance Ion 43.10 (42.80 to 43.80): VL0





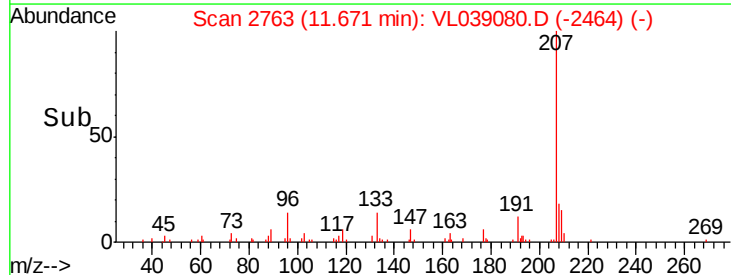
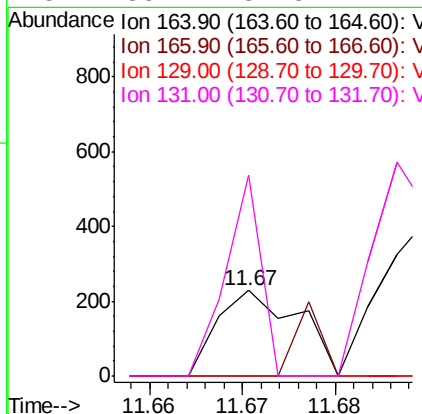
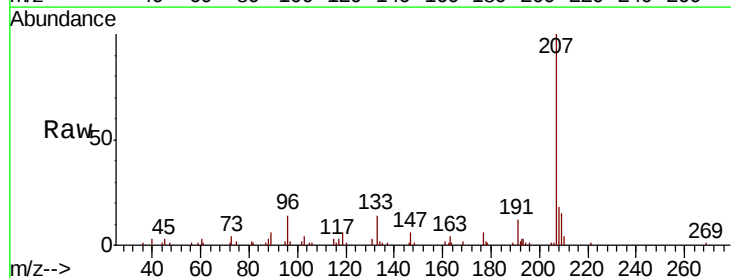
#51
2-Hexanone
Concen: 0.001 ppbv
RT: 10.13 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
Acq: 17 May 2022 22:17

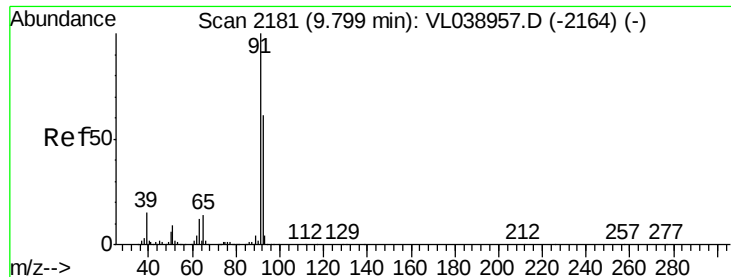
Tot Ion: 43 Resp: 188
Ion Ratio Lower Upper
43 100
58 0.0 39.3 58.9#
98 0.0 0.2 0.2#



#52
Tetrachloroethene
Concen: 0.002 ppbv
RT: 11.67 min Scan# 2763
Delta R.T. 0.46 min
Lab File: VL039080.D
Acq: 17 May 2022 22:17

Tgt Ion: 164 Resp: 138
Ion Ratio Lower Upper
164 100
166 0.0 102.5 153.7#
129 0.0 90.1 135.1#
131 235.4 84.8 127.2#





#53

Toluene

Concen: 1.182 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

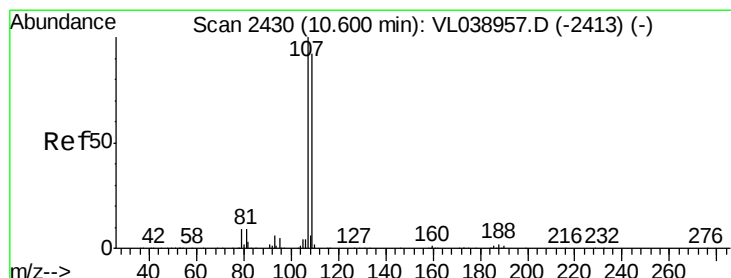
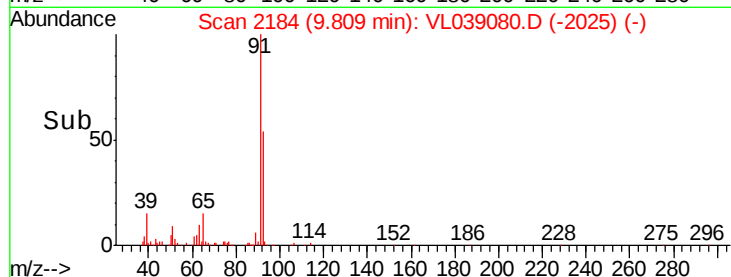
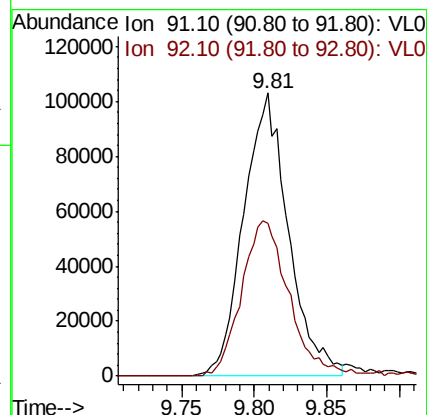
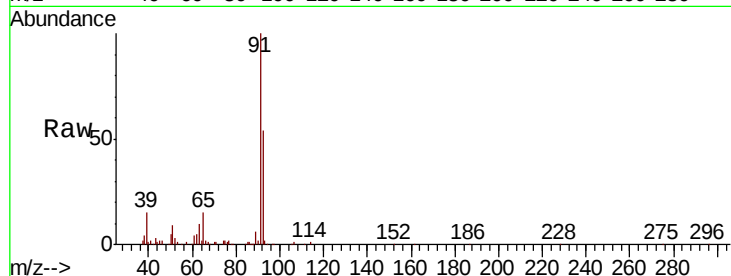
Acq: 17 May 2022 22:17

Tot Ion: 91 Resp: 221621

Ion Ratio Lower Upper

91 100

92 59.6 48.2 72.2



#54

1,2-Dibromoethane

Concen: 0.001 ppbv

RT: 10.63 min Scan# 2440

Delta R.T. 0.03 min

Lab File: VL039080.D

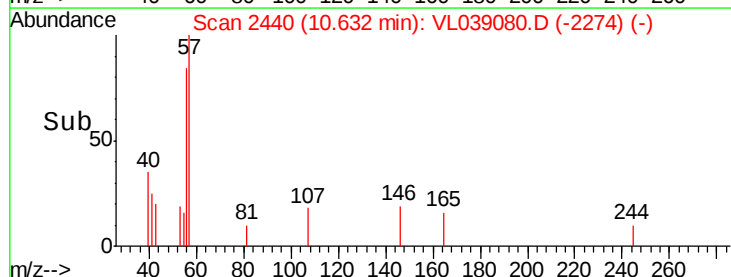
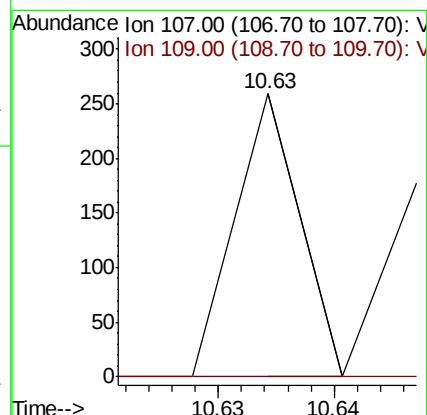
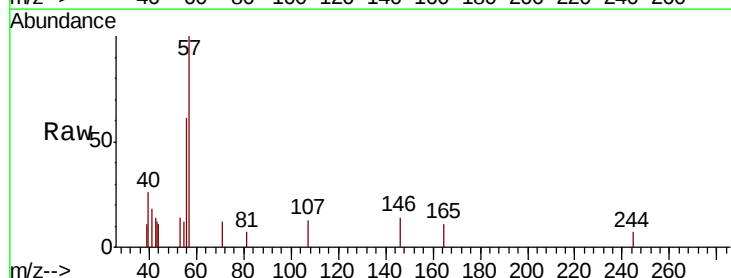
Acq: 17 May 2022 22:17

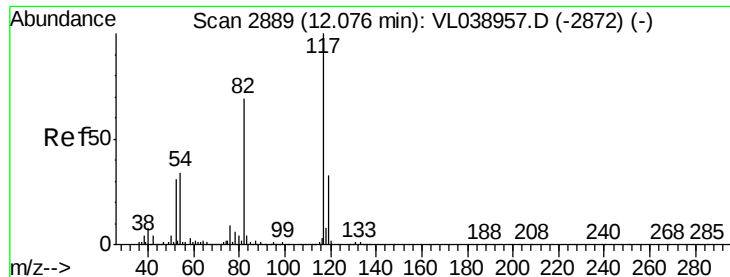
Tgt Ion: 107 Resp: 50

Ion Ratio Lower Upper

107 100

109 0.0 73.8 110.8#

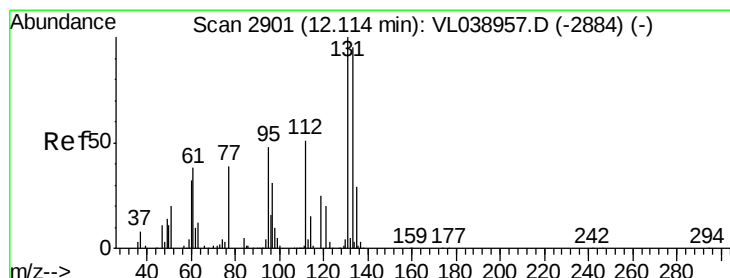
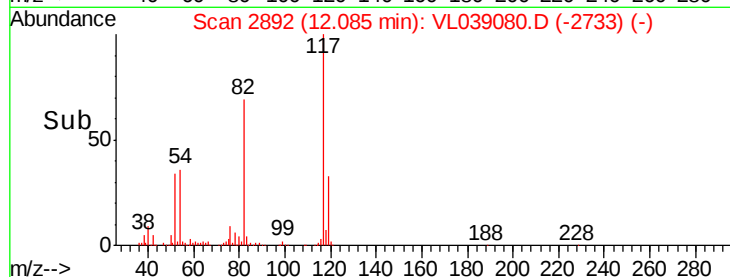
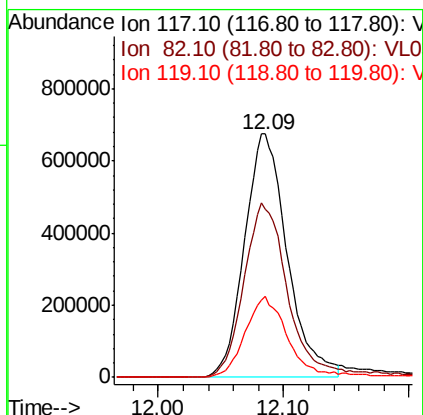
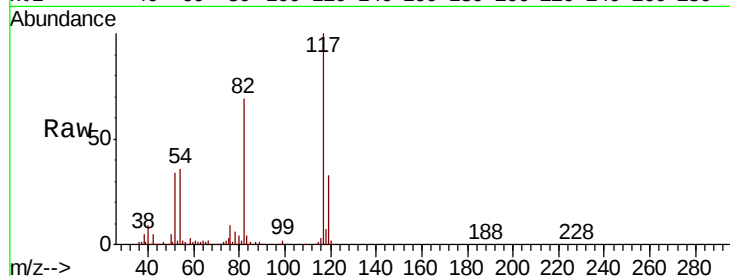




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : 1161-8.01-SG-5DL
Acq: 17 May 2022 22:17

Tot Ion:117 Resp: 1596068

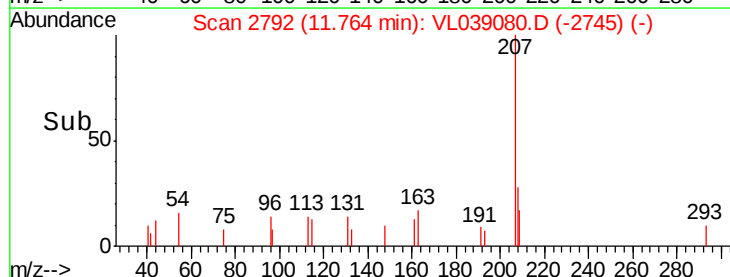
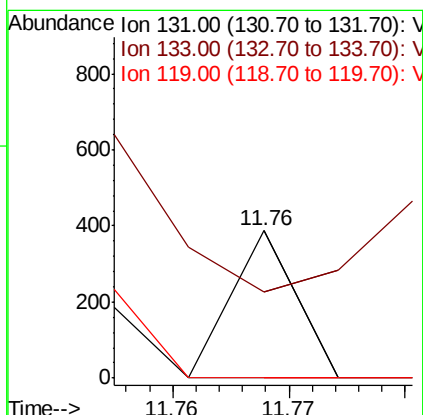
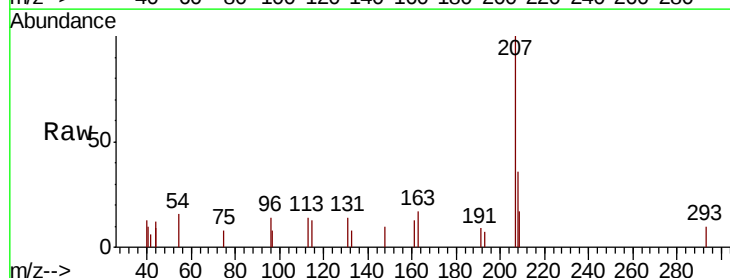
Ion	Ratio	Lower	Upper
117	100		
82	76.7	57.0	85.6
119	33.7	27.2	40.8

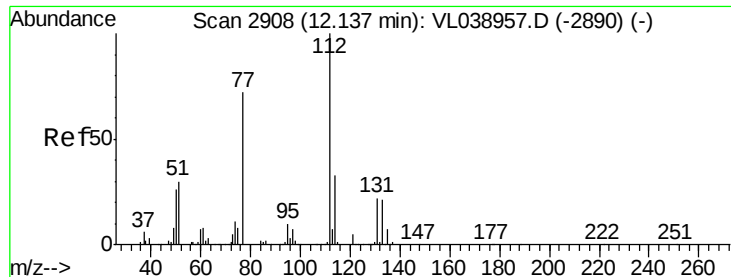


#56
1,1,1,2-Tetrachloroethane
Concen: 0.001 ppbv
RT: 11.76 min Scan# 2792
Delta R.T.: -0.35 min
Lab File: VL039080.D
Acq: 17 May 2022 22:17

Tgt Ion:131 Resp: 75

Ion	Ratio	Lower	Upper
131	100		
133	1002.7	76.9	115.3#
119	0.0	47.4	71.0#





#57

Chlorobenzene

Concen: 0.002 ppbv

RT: 12.10

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 May 2022 22:17

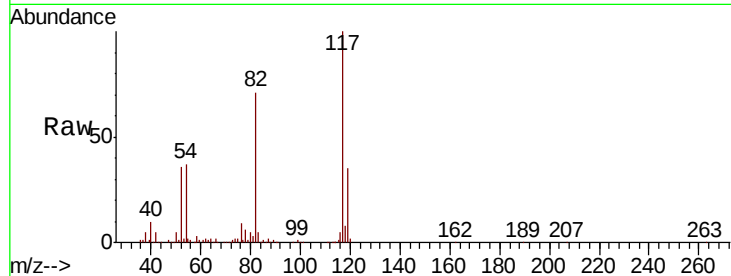
Tot Ion: 112 Resp: 222

Ion Ratio Lower Upper

112 100

77 0.0 57.7 86.5#

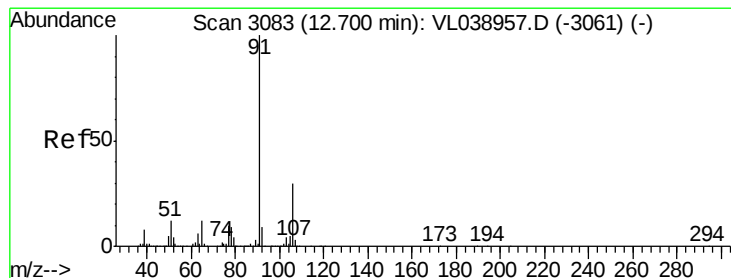
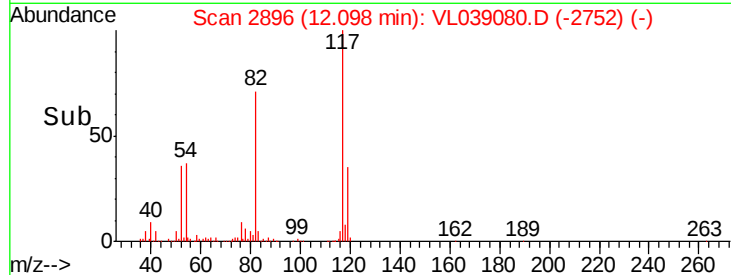
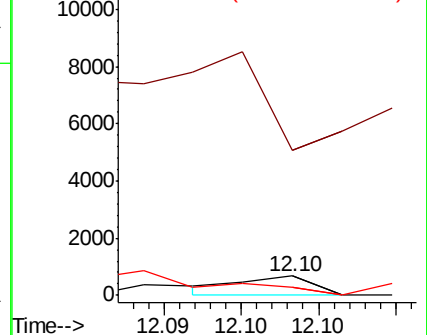
114 42.8 30.1 36.7#



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 0.067 ppbv

RT: 12.71 min Scan# 3085

Delta R.T. 0.01 min

Lab File: VL039080.D

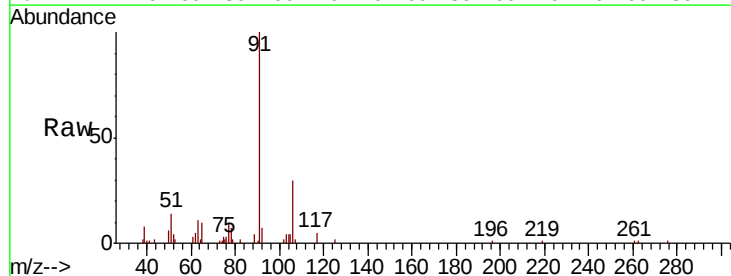
Acq: 17 May 2022 22:17

Tgt Ion: 91 Resp: 15277

Ion Ratio Lower Upper

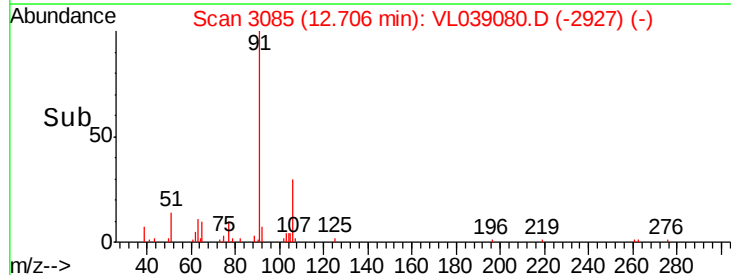
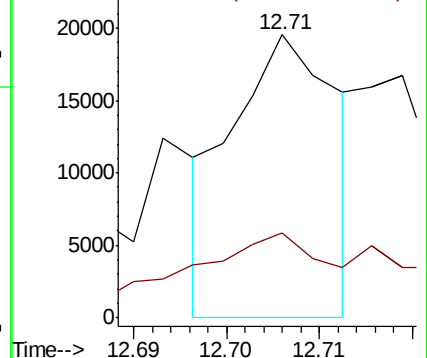
91 100

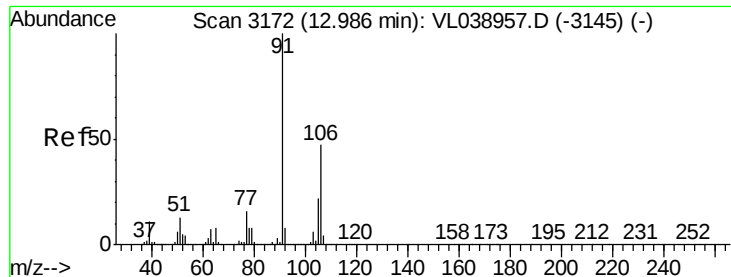
106 27.8 24.2 36.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

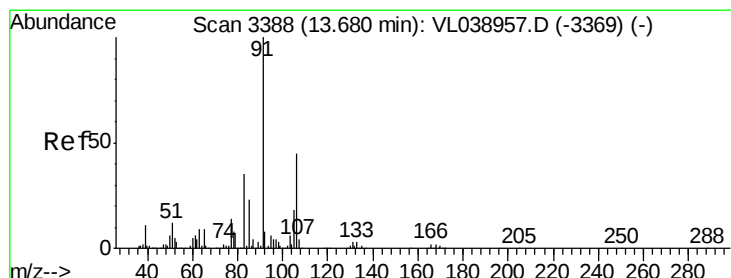
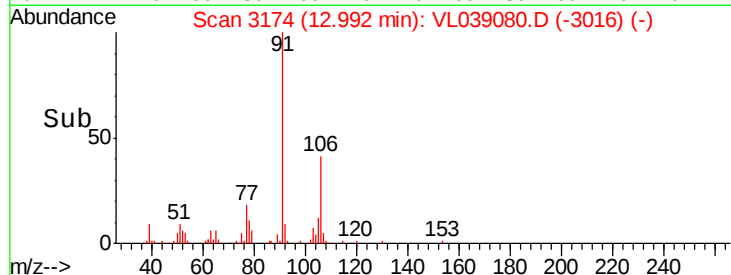
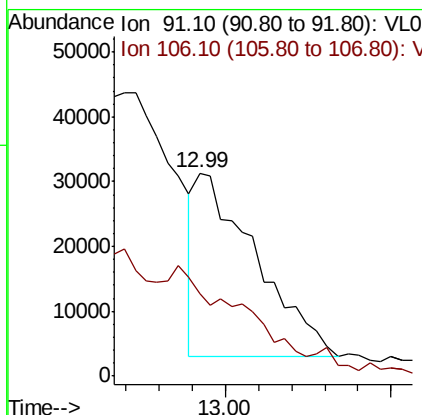
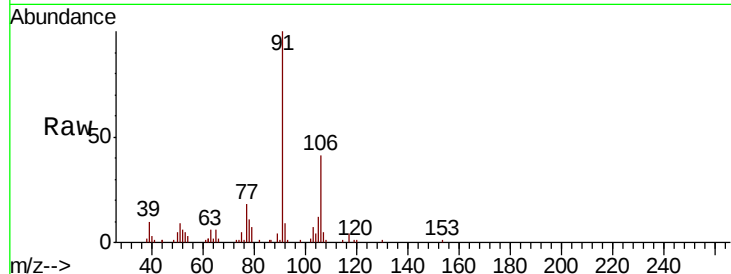
Ion 106.10 (105.80 to 106.80): V





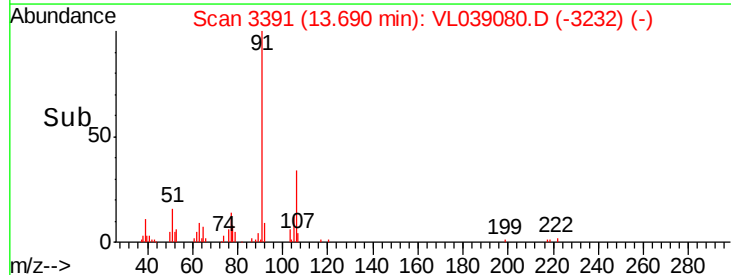
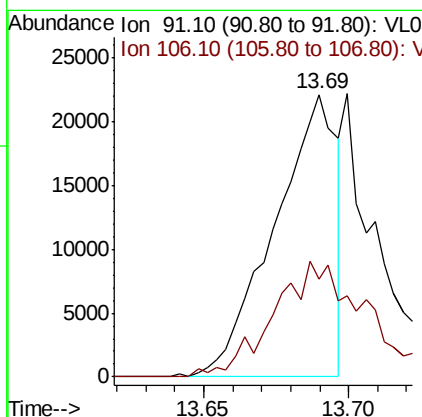
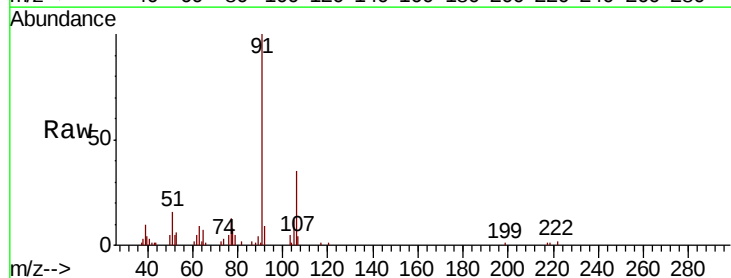
#59
m/p-Xylene
Concen: 0.181 ppbv
RT: 12.99
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
1161-8.01-SG-5DL
Acq: 17 May 2022 22:17

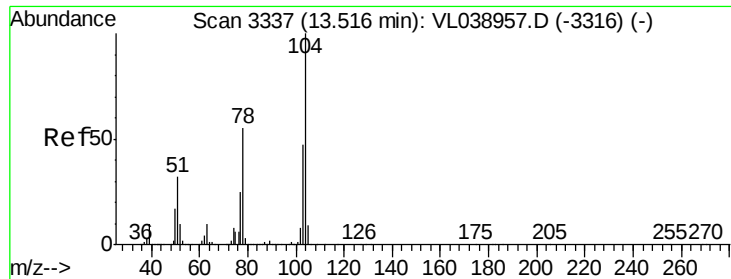
Tot Ion: 91 Resp: 35466
Ion Ratio Lower Upper
91 100
106 0.0 34.6 52.0#



#60
o-Xylene
Concen: 0.179 ppbv
RT: 13.69 min Scan# 3391
Delta R.T.: 0.01 min
Lab File: VL039080.D
Acq: 17 May 2022 22:17

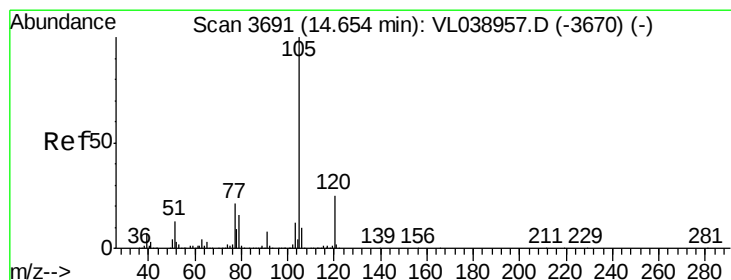
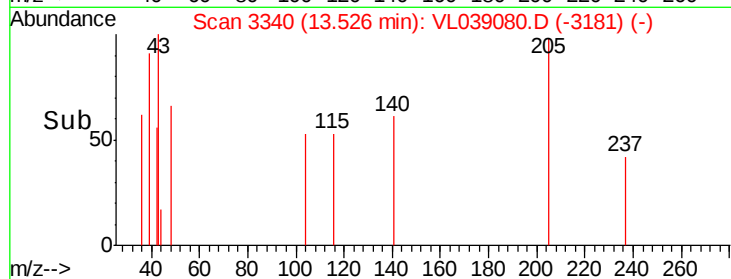
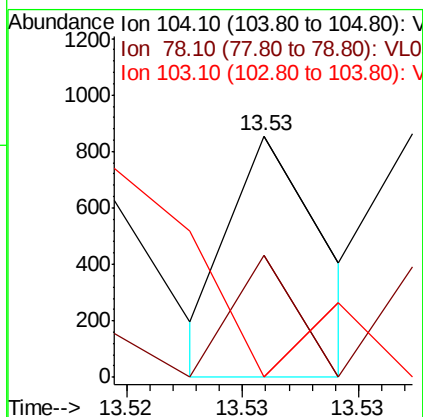
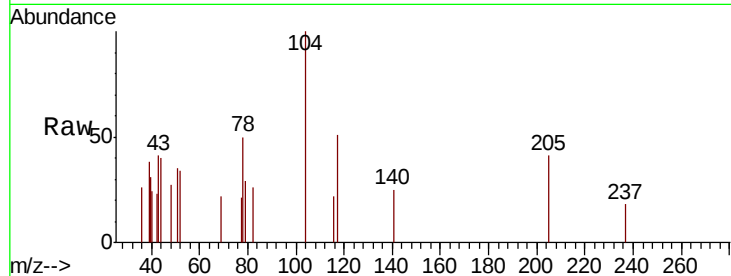
Tgt Ion: 91 Resp: 32975
Ion Ratio Lower Upper
91 100
106 63.7 22.2 66.6





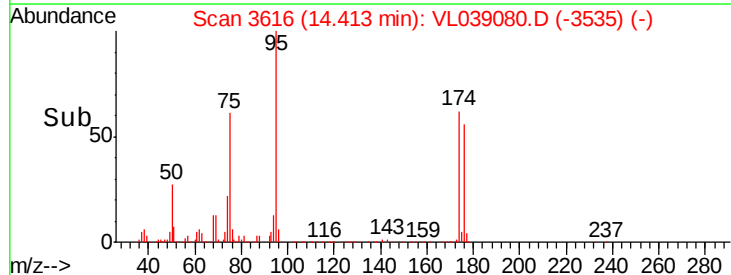
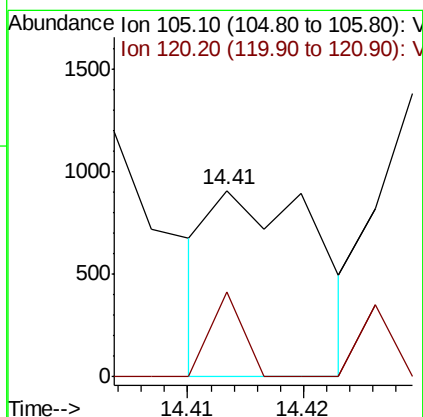
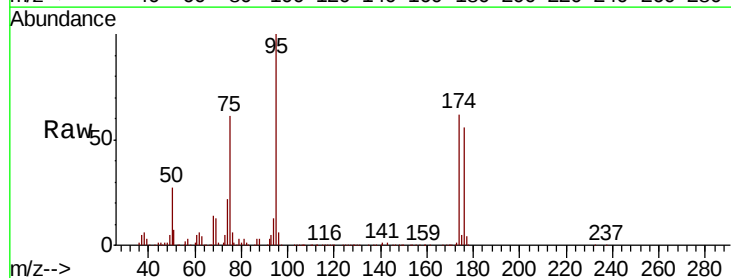
#61
Stvrene
Concen: 0.002 ppbv
RT: 13.53
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 17 May 2022 22:17

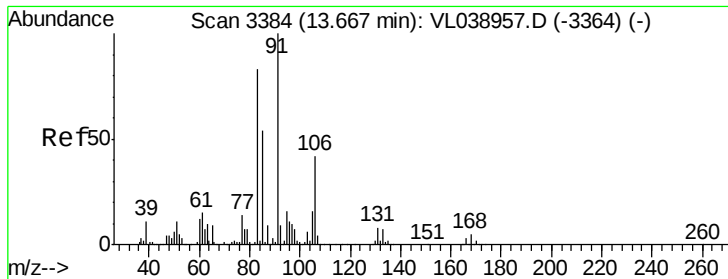
Tot Ion:104 Resp: 243
Ion Ratio Lower Upper
104 100
78 0.0 46.4 69.6#
103 0.0 39.3 58.9#



#62
Isopropylbenzene
Concen: 0.002 ppbv
RT: 14.41 min Scan# 3616
Delta R.T. -0.24 min
Lab File: VL039080.D
Acq: 17 May 2022 22:17

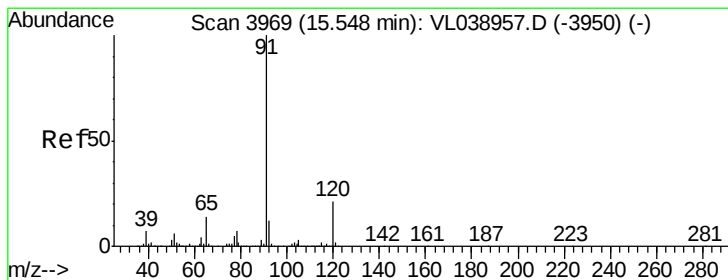
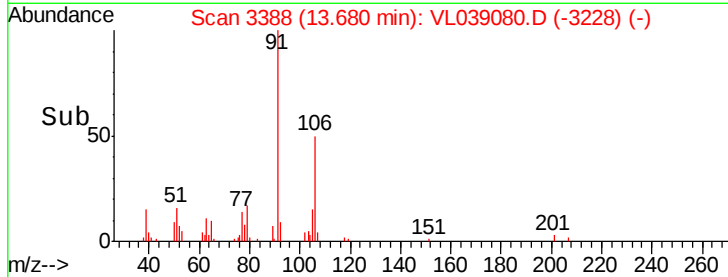
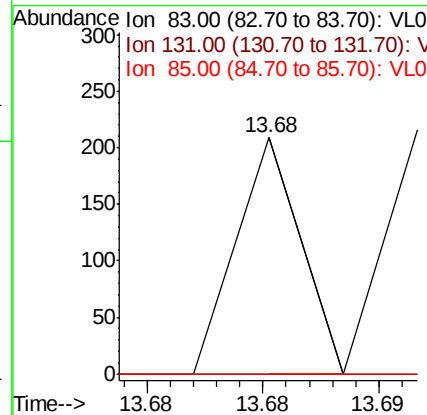
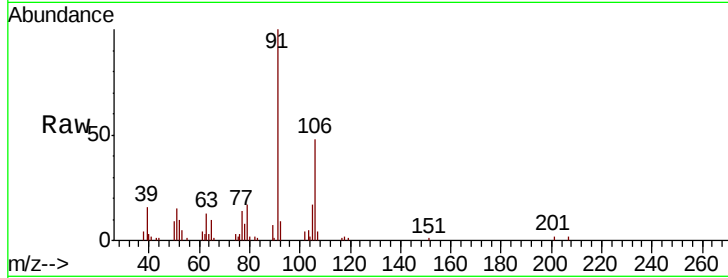
Tgt Ion:105 Resp: 582
Ion Ratio Lower Upper
105 100
120 25.6 20.5 30.7





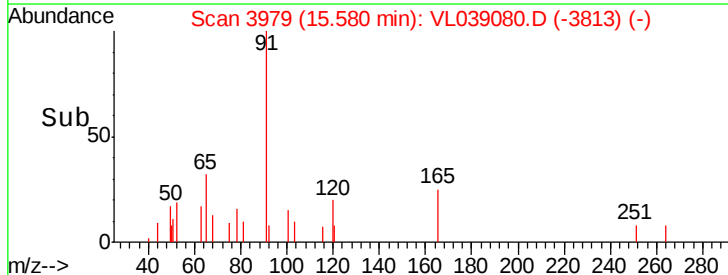
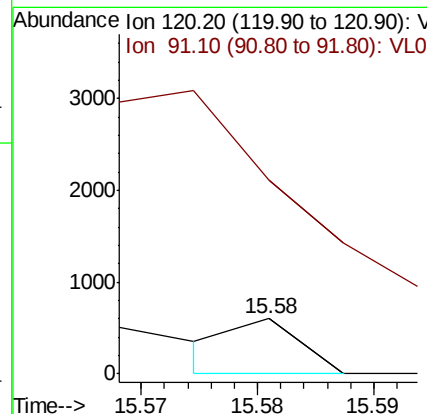
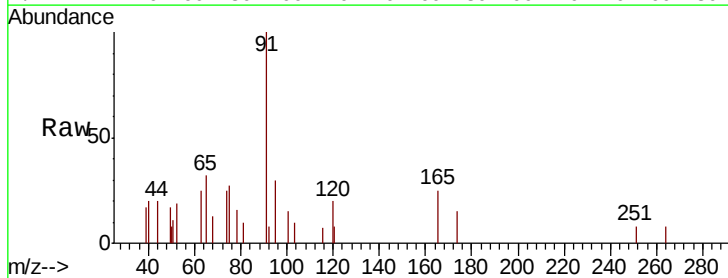
#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.000 ppbv
 RT: 13.68 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : 1161-8.01-SG-5DL
 Acq: 17 May 2022 22:17

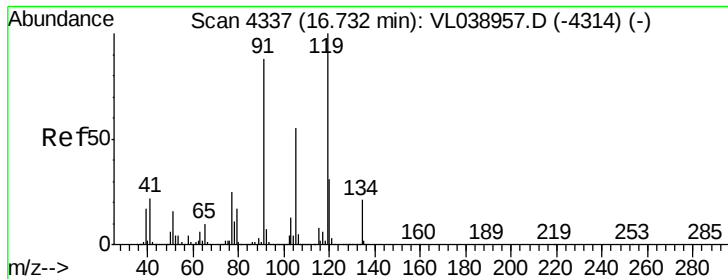
Tot Ion: 83 Resp: 40
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.5 13.7#
 85 0.0 32.8 98.3#



#64
 n-propylbenzene
 Concen: 0.002 ppbv
 RT: 15.58 min Scan# 3979
 Delta R.T. 0.03 min
 Lab File: VL039080.D
 Acq: 17 May 2022 22:17

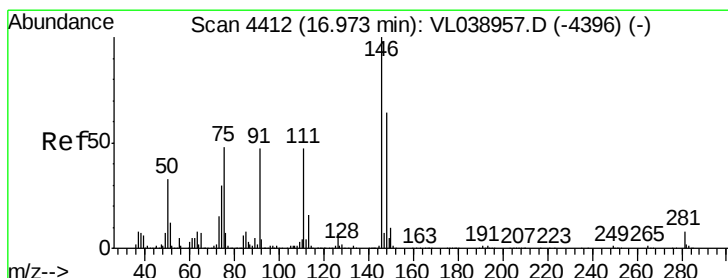
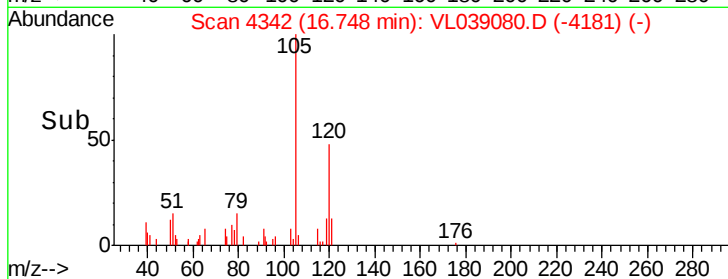
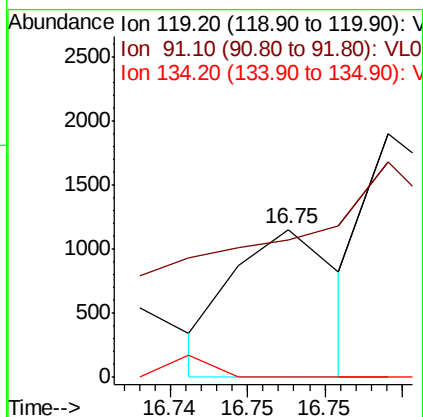
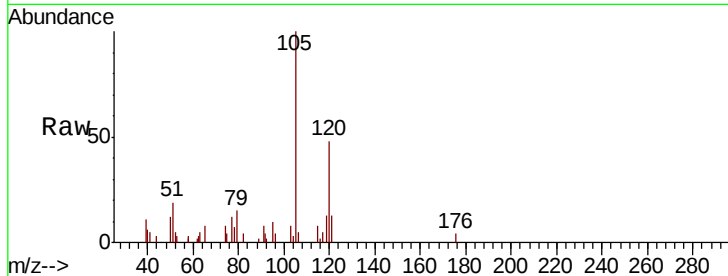
Tgt Ion: 120 Resp: 116
 Ion Ratio Lower Upper
 120 100
 91 434.5 400.6 601.0





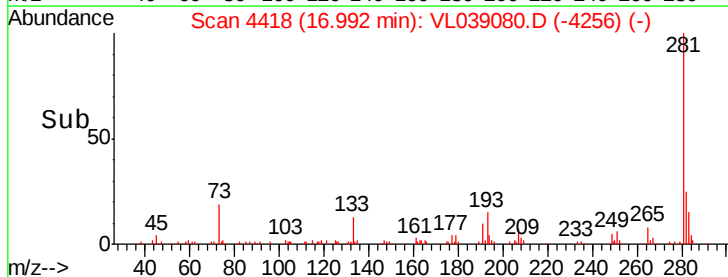
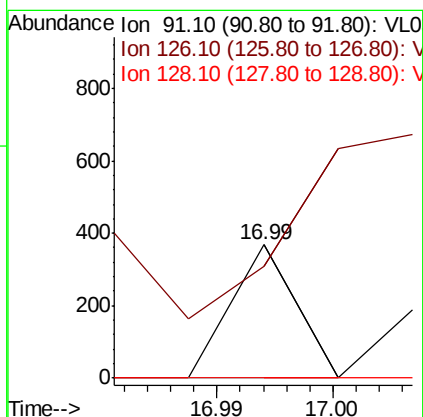
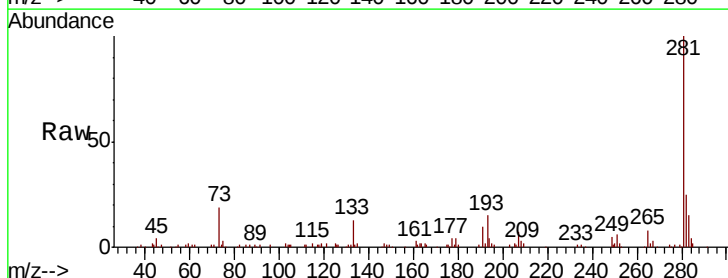
#65
tert-Butylbenzene
Concen: 0.002 ppbv
RT: 16.75 min
Delta R.T. 0.02 min
Lab File: VL039080.D
Acq: 17 May 2022 22:17

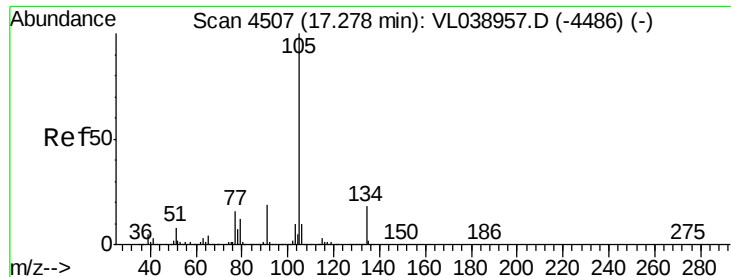
Tot Ion: 119 Resp: 550
Ion Ratio Lower Upper
119 100
91 0.0 69.4 104.2#
134 0.0 15.8 23.8#



#66
Benzyl Chloride
Concen: 0.002 ppbv
RT: 16.99 min Scan# 4418
Delta R.T. 0.02 min
Lab File: VL039080.D
Acq: 17 May 2022 22:17

Tgt Ion: 91 Resp: 71
Ion Ratio Lower Upper
91 100
126 0.0 11.8 17.6#
128 0.0 4.2 6.2#





#67

sec-Butylbenzene

Concen: 0.000 ppbv

RT: 17.29

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

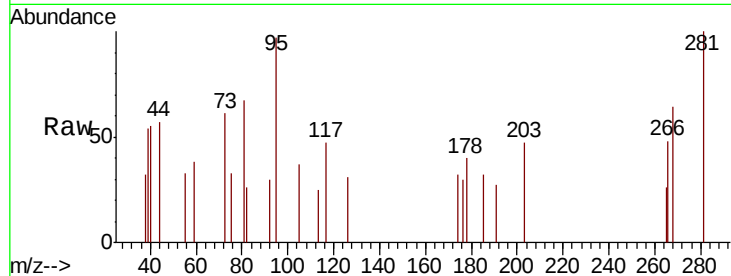
Acq: 17 May 2022 22:17

Tot Ion: 105 Resp: 44

Ion Ratio Lower Upper

105 100

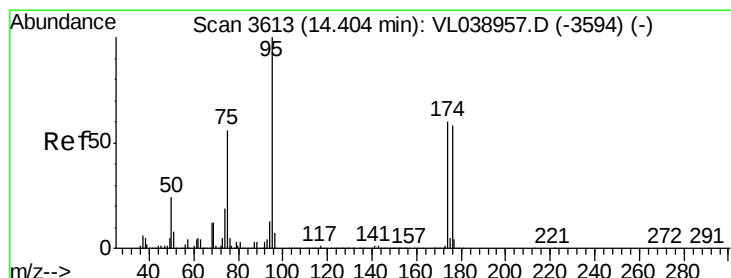
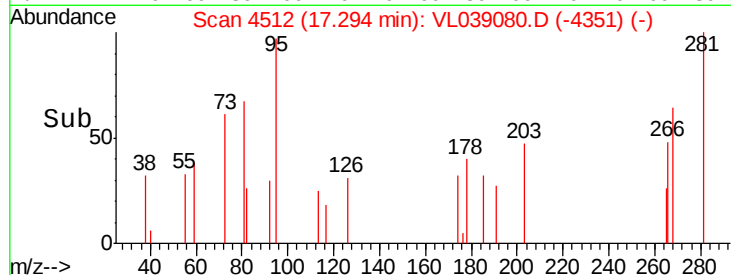
134 0.0 14.2 21.4#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V

Time-->



#68

1-Bromo-4-Fluorobenzene

Concen: 10.712 ppbv

RT: 14.42 min Scan# 3617

Delta R.T. 0.01 min

Lab File: VL039080.D

Acq: 17 May 2022 22:17

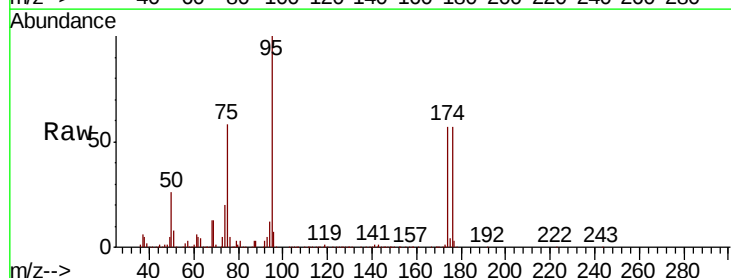
Tgt Ion: 95 Resp: 1353998

Ion Ratio Lower Upper

95 100

174 62.4 50.8 76.2

175 4.2 3.8 5.6

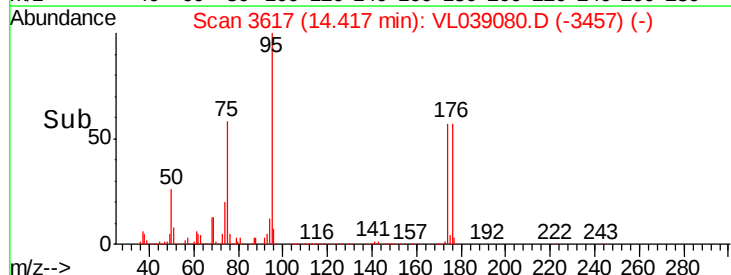


Abundance Ion 95.10 (94.80 to 95.80): VL0

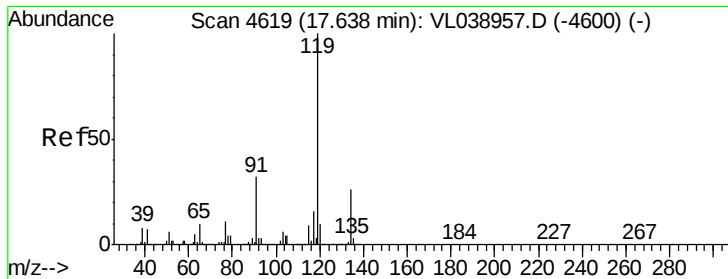
Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

Time-->

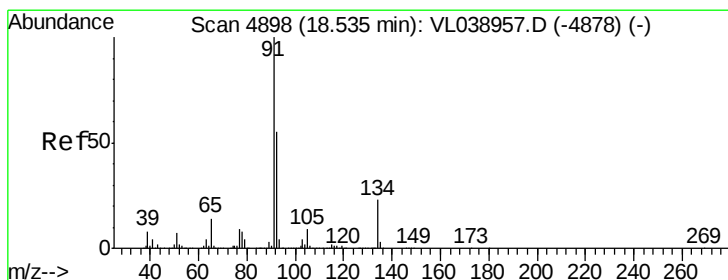
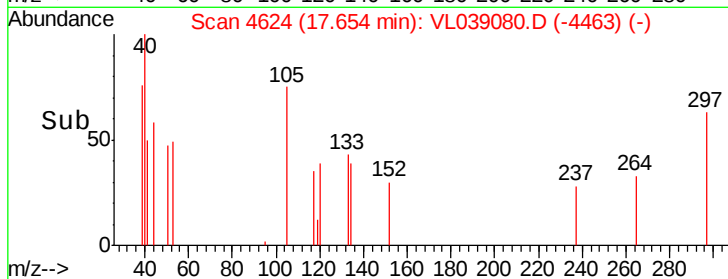
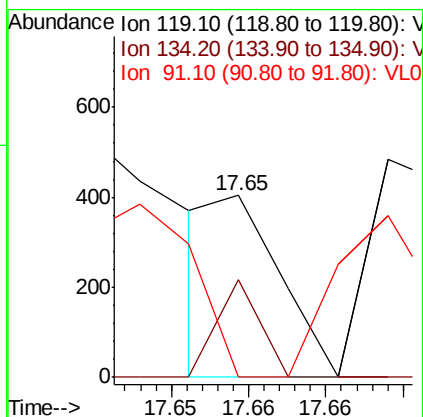
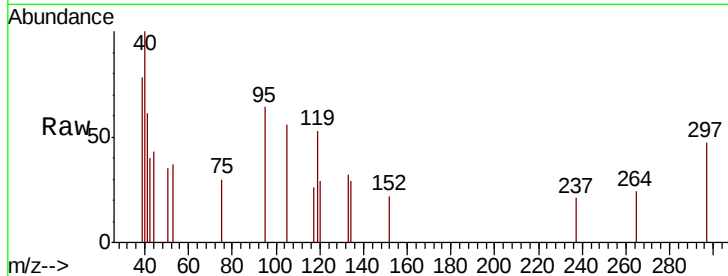


Time-->



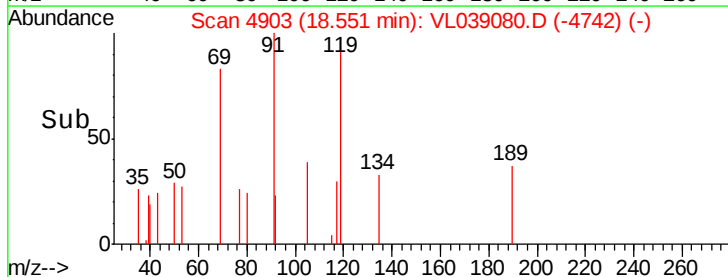
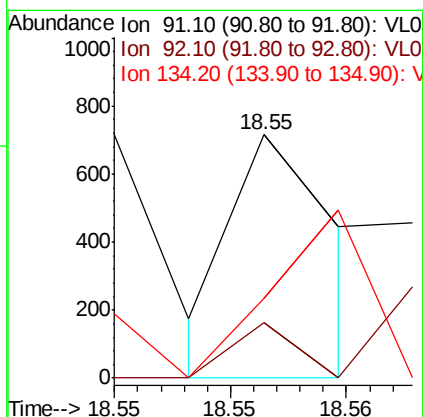
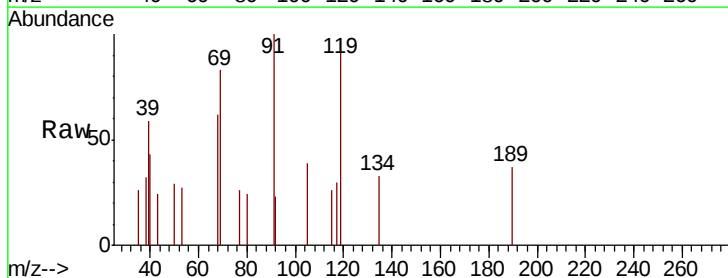
#69
 p-Isopropyltoluene
 Concen: 0.000 ppbv
 RT: 17.65 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 1161-8.01-SG-5DL
 Acq: 17 May 2022 22:17

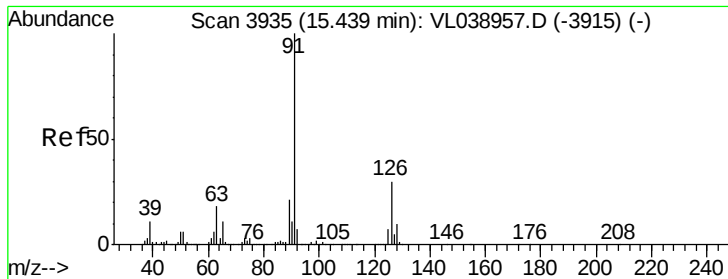
Tot Ion: 119 Resp: 116
 Ion Ratio Lower Upper
 119 100
 134 36.2 20.0 30.0#
 91 274.1 24.8 37.2#



#70
 n-Butylbenzene
 Concen: 0.001 ppbv
 RT: 18.55 min Scan# 4903
 Delta R.T. 0.02 min
 Lab File: VL039080.D
 Acq: 17 May 2022 22:17

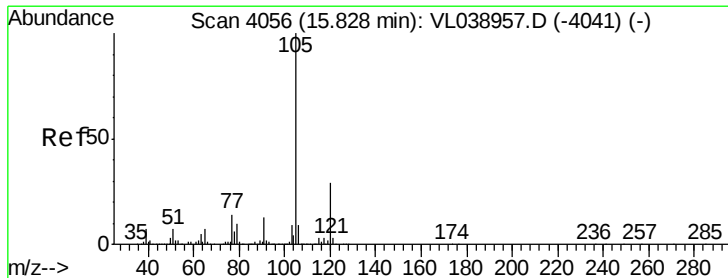
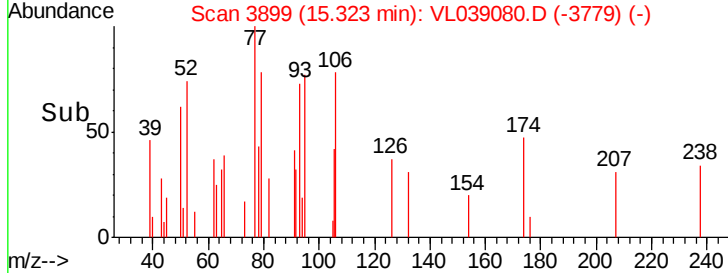
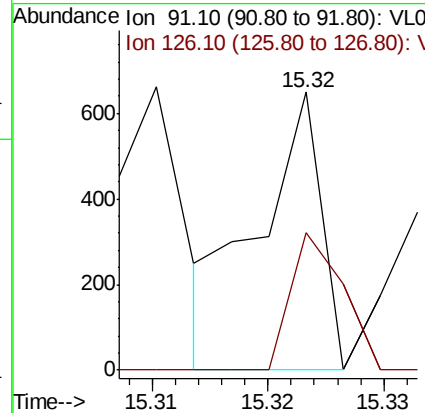
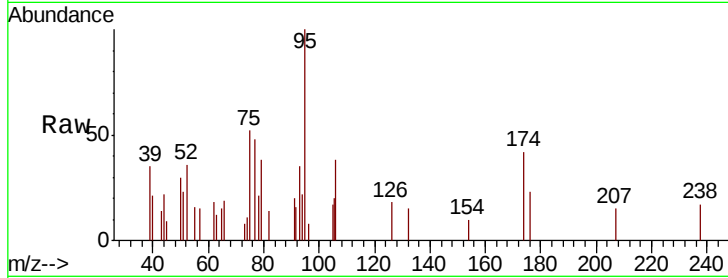
Tgt Ion: 91 Resp: 224
 Ion Ratio Lower Upper
 91 100
 92 0.0 43.1 64.7#
 134 0.0 17.0 25.4#





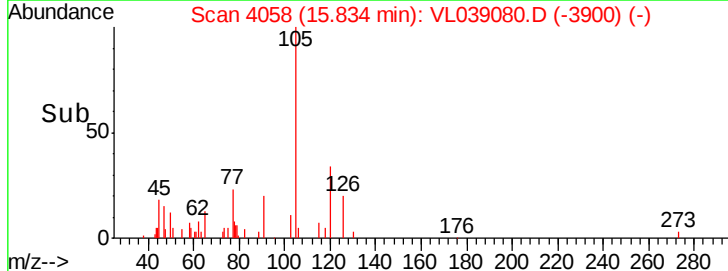
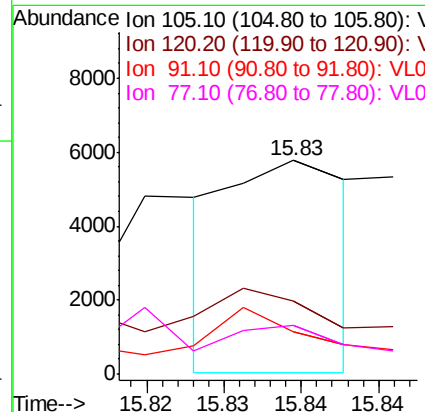
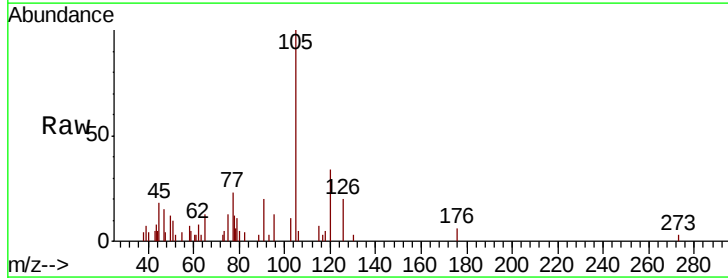
#71
 2-Chlorotoluene
 Concen: 0.001 ppbv
 RT: 15.32
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 1161-8.01-SG-5DL
 Acq: 17 May 2022 22:17

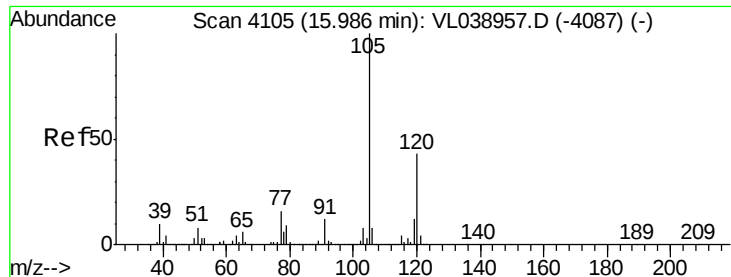
Tot Ion: 91 Resp: 244
 Ion Ratio Lower Upper
 91 100
 126 41.4 11.9 47.5



#72
 4-Ethyltoluene
 Concen: 0.015 ppbv
 RT: 15.83 min Scan# 4058
 Delta R.T. 0.01 min
 Lab File: VL039080.D
 Acq: 17 May 2022 22:17

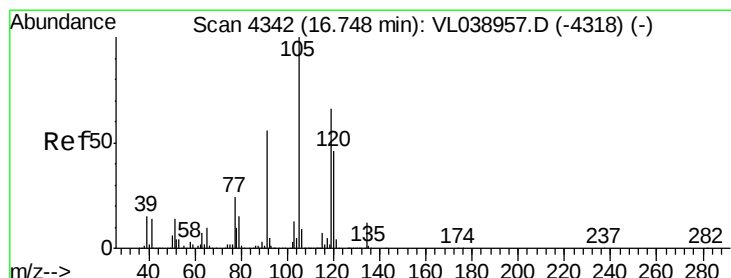
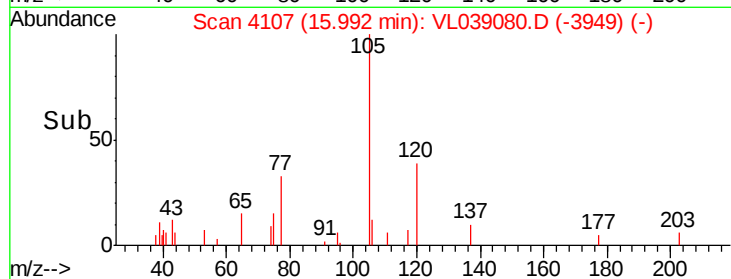
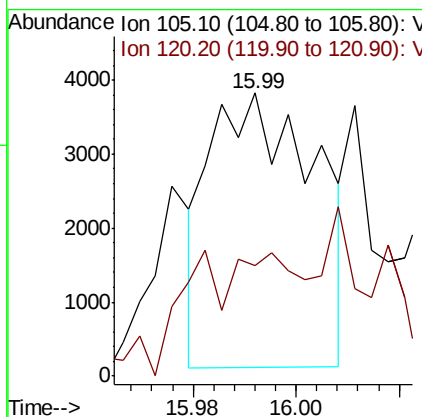
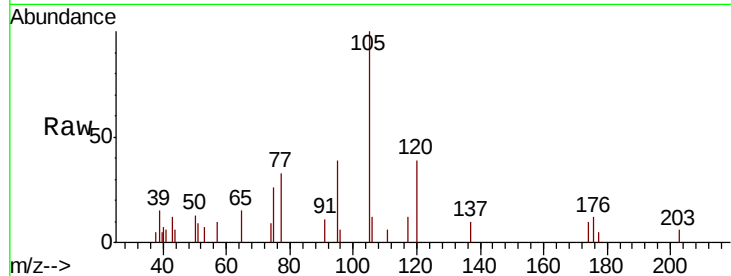
Tgt Ion:105 Resp: 3096
 Ion Ratio Lower Upper
 105 100
 120 143.5 23.4 35.0#
 91 53.9 10.6 16.0#
 77 0.0 12.5 18.7#





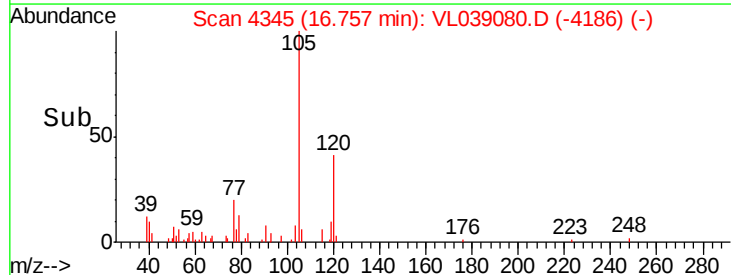
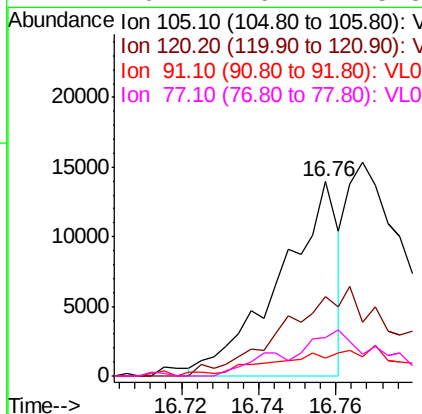
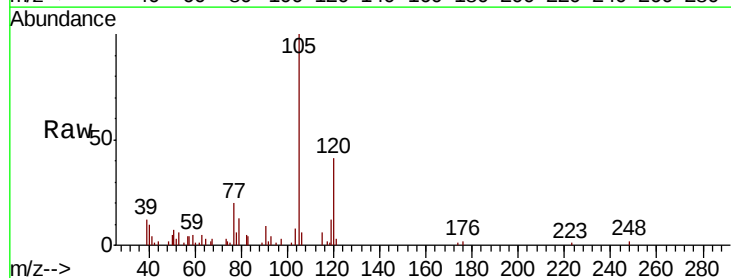
#73
 1,3,5-Trimethylbenzene
 Concen: 0.028 ppbv
 RT: 15.99 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : 1161-8.01-SG-5DL
 Acq: 17 May 2022 22:17

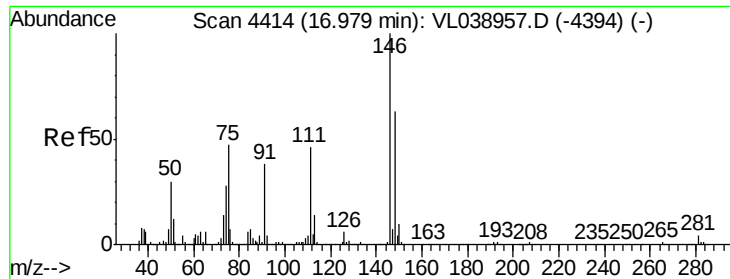
Tot Ion:105 Resp: 5253
 Ion Ratio Lower Upper
 105 100
 120 14.4 34.4 51.6#



#74
 1,2,4-Trimethylbenzene
 Concen: 0.070 ppbv
 RT: 16.76 min Scan# 4345
 Delta R.T. 0.01 min
 Lab File: VL039080.D
 Acq: 17 May 2022 22:17

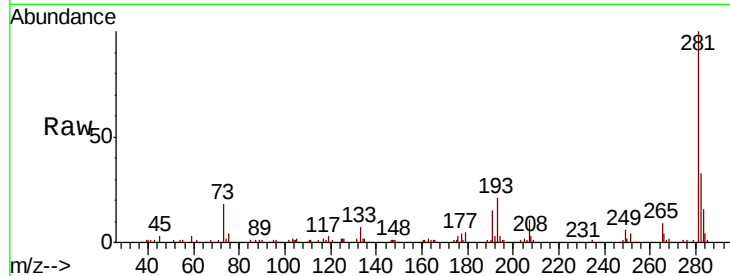
Tgt Ion:105 Resp: 14466
 Ion Ratio Lower Upper
 105 100
 120 42.7 36.9 55.3
 91 7.8 45.0 67.4#
 77 20.7 19.2 28.8



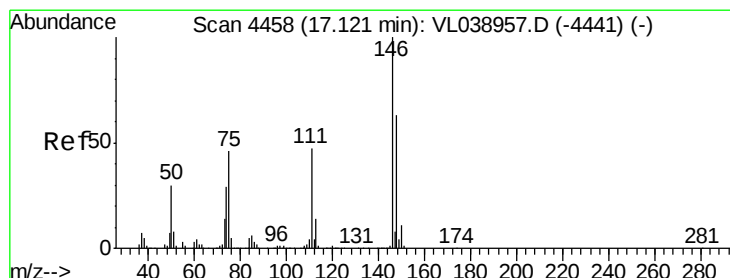
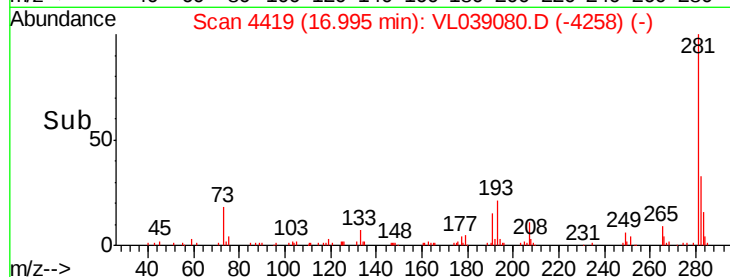
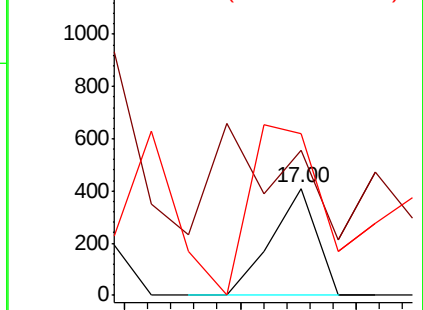


#75
 1,3-Dichlorobenzene
 Concen: 0.001 ppbv
 RT: 17.00 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 1161-8.01-SG-5DL
 Acq: 17 May 2022 22:17

Tot Ion:146 Resp: 112
 Ion Ratio Lower Upper
 146 100
 111 1250.9 24.1 72.2#
 148 766.1 32.4 97.2#

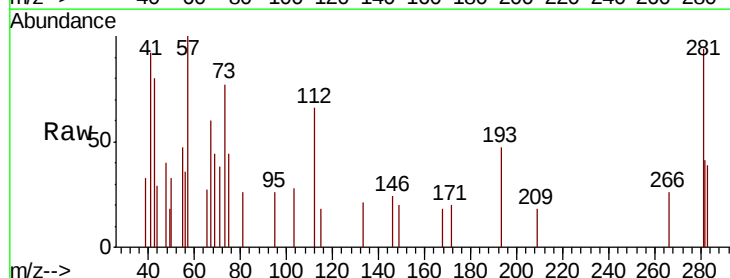


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

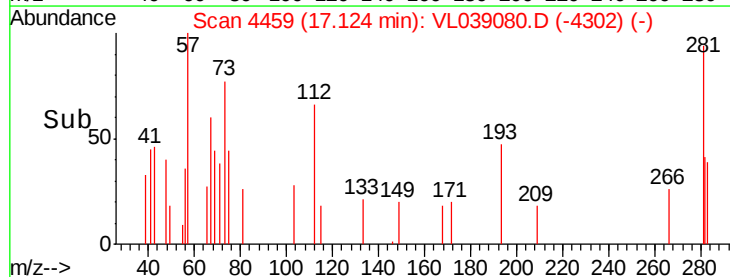
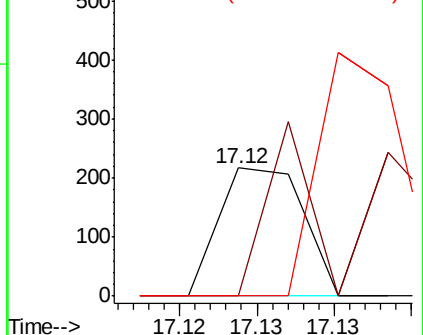


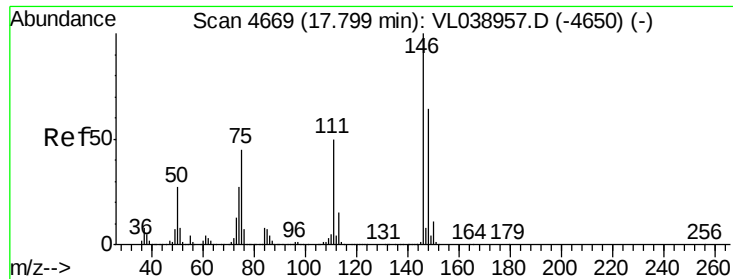
#76
 1,4-Dichlorobenzene
 Concen: 0.001 ppbv
 RT: 17.12 min Scan# 4459
 Delta R.T. 0.00 min
 Lab File: VL039080.D
 Acq: 17 May 2022 22:17

Tgt Ion:146 Resp: 82
 Ion Ratio Lower Upper
 146 100
 111 270.7 23.6 71.0#
 148 0.0 32.2 96.6#



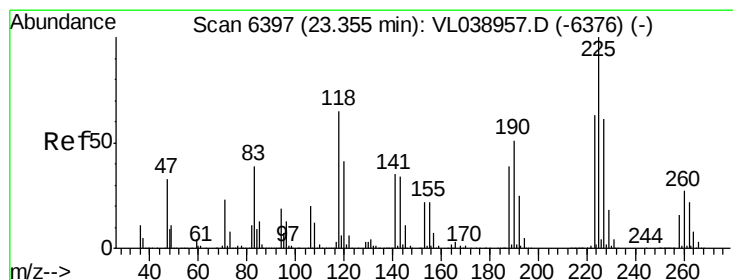
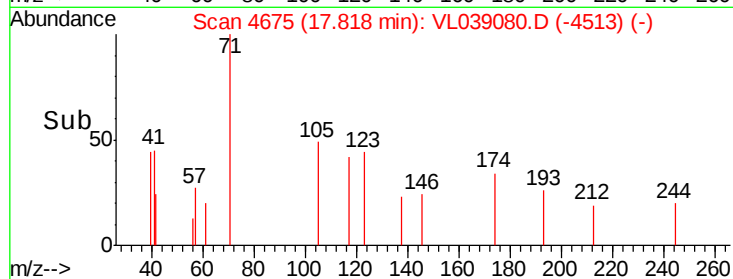
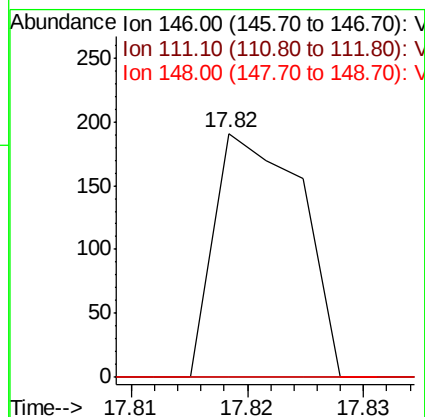
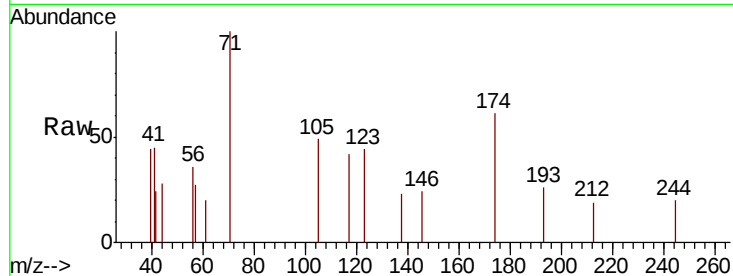
Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V





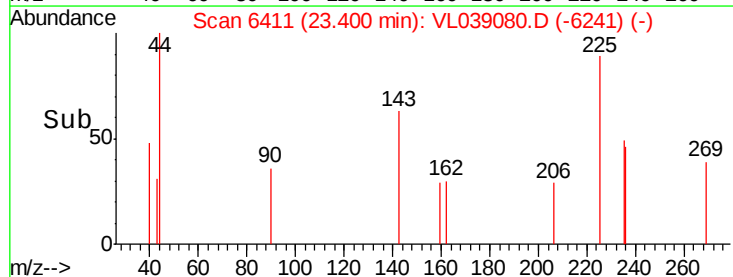
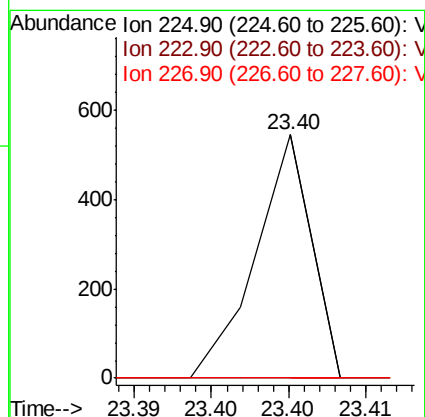
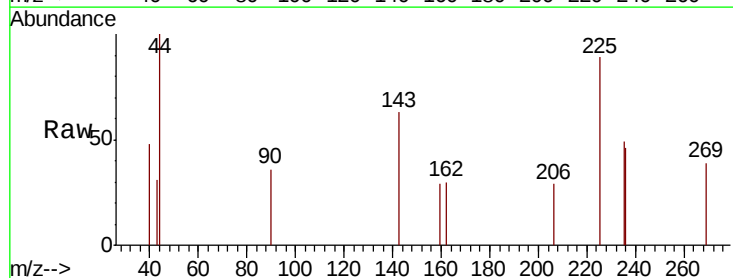
#77
 1,2-Dichlorobenzene
 Concen: 0.001 ppbv
 RT: 17.82 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 1161-8.01-SG-5DL
 Acq: 17 May 2022 22:17

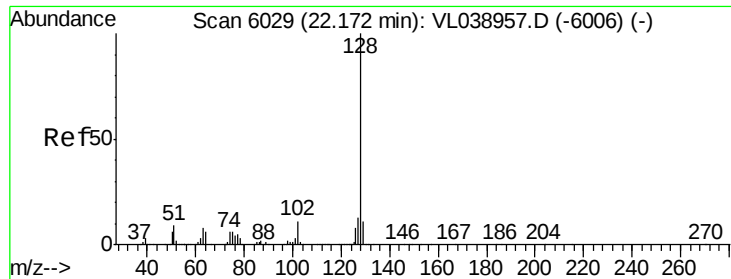
Tot Ion:146 Resp: 100
 Ion Ratio Lower Upper
 146 100
 111 36.0 25.3 75.9
 148 0.0 32.3 96.9#



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.001 ppbv
 RT: 23.40 min Scan# 6411
 Delta R.T.: 0.05 min
 Lab File: VL039080.D
 Acq: 17 May 2022 22:17

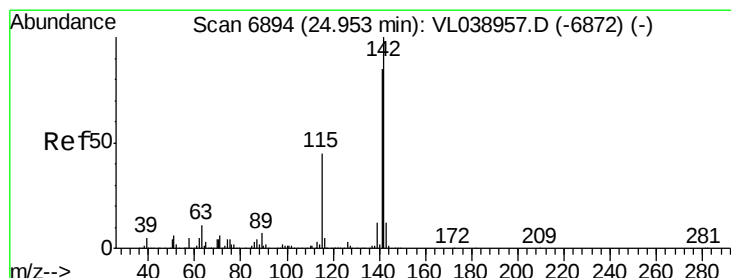
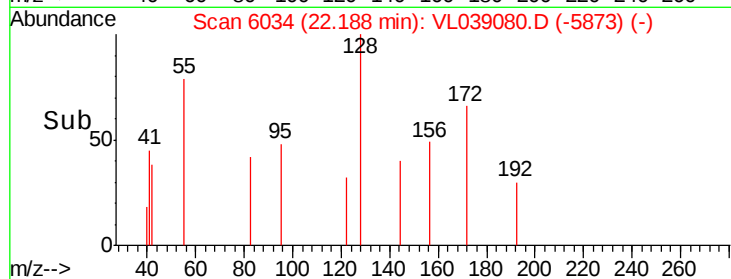
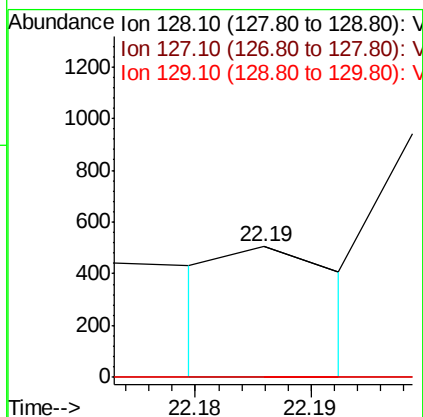
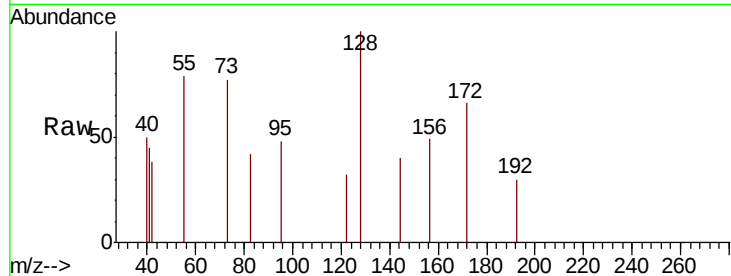
Tgt Ion:225 Resp: 136
 Ion Ratio Lower Upper
 225 100
 223 52.9 51.4 77.0
 227 22.8 51.4 77.0#





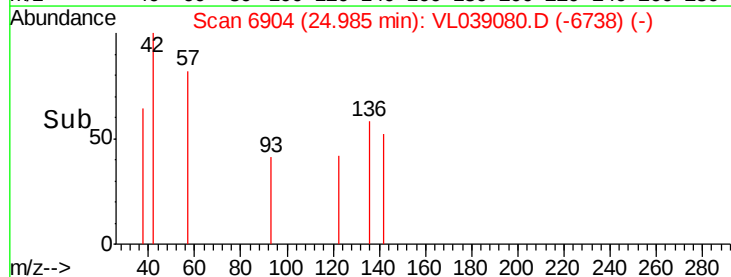
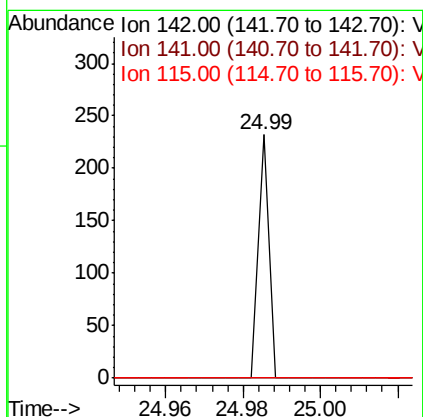
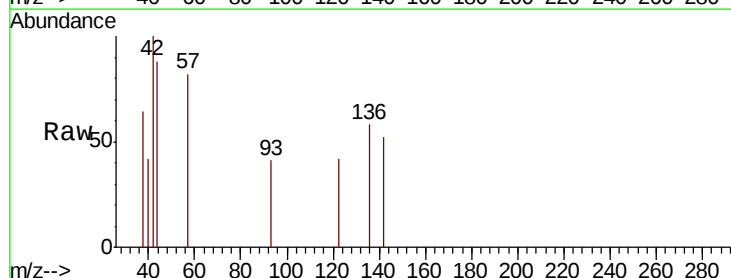
#79
Naphthalene
Concen: 0.001 ppbv
RT: 22.19 min
Instrument: MSVOA_1
Delta R.T.: 0.03 min
Lab File: ClientSampleId : 1161-8.01-SG-5DL
Acq: 17 May 2022 22:17

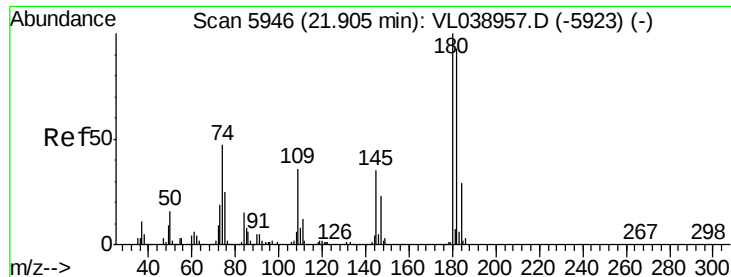
Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.9	13.3#



#80
Naphthalene, 2-methyl-
Concen: 0.001 ppbv
RT: 24.99 min Scan# 6904
Delta R.T.: 0.03 min
Lab File: VL039080.D
Acq: 17 May 2022 22:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	0.0	70.8	106.2#
115	162.2	35.1	52.7#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.001 ppbv
 RT: 21.61
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 1161-8.01-SG-5DL
 Acq: 17 May 2022 22.17

Tot Ion:	180	Resp:	56
Ion Ratio	Lower	Upper	
180	100		
182	0.0	78.4	117.6#
184	0.0	24.4	36.6#

