

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062222\
 Data File : VL039322.D
 Acq On : 22 Jun 2022 15:44
 Operator : SY/AP
 Sample : VL0622ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL0622ABS01

Quant Time: Jun 23 07:26:17 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1257605	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3514582	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	4187306	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2702330	7.81	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	78.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	2494632	11.293 ppbv	99
3) Chlorodifluoromethane	2.99	51	1460143	9.125 ppbv	99
4) Chloromethane	3.14	50	790972	9.623 ppbv	98
5) Vinyl Chloride	3.26	62	781959	10.177 ppbv	97
6) Bromomethane	3.47	94	346282	9.161 ppbv	98
7) Chloroethane	3.56	64	286156	10.688 ppbv	99
8) Dichlorotetrafluoroethane	3.19	85	1916649	9.494 ppbv	96
9) Propene	3.01	41	650792	9.327 ppbv	97
10) Heptane	8.12	43	1666305	10.237 ppbv	98
11) Trichlorofluoromethane	3.95	101	1877490	9.390 ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1360069	10.286 ppbv	97
13) Ethanol	3.60	45	10500	2.759 ppbv #	100
14) Bromoethene	3.74	108	604777	10.174 ppbv	98
15) Acetone	3.85	43	1351740	10.318 ppbv	97
16) 1,3-Butadiene	3.33	39	760610	10.801 ppbv	95
17) tert-Butyl alcohol	4.28	59	1133776	11.158 ppbv	98
18) 1,1-Dichloroethene	4.29	96	629821	10.618 ppbv	89
19) Isopropyl Alcohol	3.96	45	634347	10.324 ppbv	99
20) Methylene Chloride	4.34	84	530126	9.603 ppbv	92
21) Allyl Chloride	4.41	41	1011897	11.450 ppbv	99
22) trans-1,2-Dichloroethene	4.89	96	663161	11.620 ppbv	99
23) Vinyl Acetate	5.07	43	1212503	11.187 ppbv	98
24) 1,1-Dichloroethane	5.01	63	1343323	9.045 ppbv	98
25) Ethyl Acetate	5.67	43	2988583	10.122 ppbv	99
26) Hexane	5.68	57	1279625	9.862 ppbv	98
27) Carbon Disulfide	4.55	76	1560298	11.602 ppbv	99
28) Methyl tert-Butyl Ether	5.03	73	1314365	9.176 ppbv	99
29) Chloroform	5.75	83	2010097	9.206 ppbv	98
30) Cyclohexane	7.13	84	1101261	10.103 ppbv	99
31) cis-1,2-Dichloroethene	5.55	61	1284787	9.711 ppbv	96
32) 1,1,1-Trichloroethane	6.51	97	2039295	9.545 ppbv	100
34) 2-Butanone	5.24	43	1731015	9.066 ppbv	99
35) Carbon Tetrachloride	7.02	117	2098941	8.182 ppbv	98
36) Benzene	6.89	78	2655517	9.307 ppbv	100
37) 1,2-Dichloroethane	6.31	62	1522006	8.105 ppbv	97
38) Trichloroethene	7.83	130	1351849	10.315 ppbv	95
39) 1,2-Dichloropropane	7.61	63	1005673	8.861 ppbv	98
40) 1,4-Dioxane	7.83	88	348857	9.337 ppbv #	1
41) Tetrahydrofuran	6.05	42	1040329	9.059 ppbv	100
42) Bromodichloromethane	7.79	83	2175441	8.347 ppbv	99
43) Methyl Methacrylate	8.01	69	1073258	9.657 ppbv	98

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 ALS Vial : 1 Sample Multiplier: 1

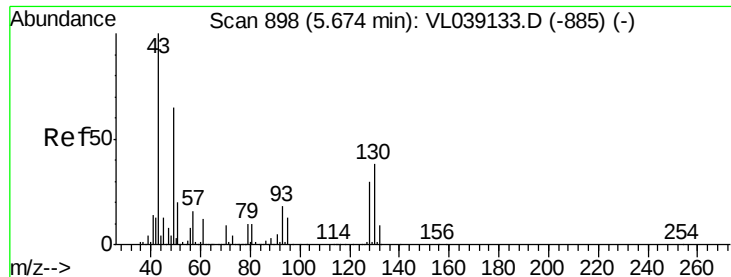
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0622ABS01

Quant Time: Jun 23 07:26:17 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	4450145	8.915	ppbv	98
45) t-1,3-Dichloropropene	9.28	75	1049786	9.069	ppbv	96
46) cis-1,3-Dichloropropene	8.70	75	1396044	9.130	ppbv	99
47) 1,1,2-Trichloroethane	9.47	97	1107550	9.354	ppbv	98
48) Dibromochloromethane	10.30	129	1924216	9.101	ppbv	99
49) Bromoform	13.04	173	1628493	9.243	ppbv	97
50) 4-Methyl-2-Pentanone	8.73	43	2737396	9.578	ppbv	99
51) 2-Hexanone	10.12	43	2082858	9.365	ppbv #	98
52) Tetrachloroethene	11.22	164	1021389	9.168	ppbv	100
53) Toluene	9.80	91	3195730	9.726	ppbv	99
54) 1,2-Dibromoethane	10.60	107	1472036	9.252	ppbv	95
56) 1,1,1,2-Tetrachloroethane	12.12	131	1428174	7.208	ppbv	96
57) Chlorobenzene	12.14	112	2397379	7.609	ppbv	97
58) Ethyl Benzene	12.70	91	4305494	7.465	ppbv	99
59) m/p-Xylene	12.99	91	4027484	7.929	ppbv #	42
60) o-Xylene	13.69	91	3525220	7.386	ppbv	100
61) Styrene	13.52	104	2104428	8.234	ppbv	96
62) Isopropylbenzene	14.66	105	5196773	7.326	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.67	83	1746402	6.519	ppbv	99
64) n-propylbenzene	15.55	120	1359127	7.794	ppbv	88
65) tert-Butylbenzene	16.73	119	4687029	7.226	ppbv	97
66) Benzyl Chloride	16.98	91	500034	5.929	ppbv	99
67) sec-Butylbenzene	17.28	105	6429959	7.265	ppbv	99
69) p-Isopropyltoluene	17.64	119	5521725	7.395	ppbv	98
70) n-Butylbenzene	18.54	91	5446292	7.106	ppbv	99
71) 2-Chlorotoluene	15.44	91	3841978	7.102	ppbv	98
72) 4-Ethyltoluene	15.83	105	4244626	7.588	ppbv	99
73) 1,3,5-Trimethylbenzene	15.99	105	3832699	7.597	ppbv	100
74) 1,2,4-Trimethylbenzene	16.75	105	4104018	7.289	ppbv #	90
75) 1,3-Dichlorobenzene	16.99	146	2422598	7.602	ppbv	99
76) 1,4-Dichlorobenzene	17.13	146	2328193	7.322	ppbv	98
77) 1,2-Dichlorobenzene	17.81	146	2342869	7.294	ppbv	98
78) Hexachloro-1,3-Butadiene	23.36	225	1775098	6.044	ppbv	99
79) Naphthalene	22.18	128	3418084	7.886	ppbv	100
80) Naphthalene, 2-methyl-	24.96	142	861518	5.350	ppbv	95
81) 1,2,4-Trichlorobenzene	21.91	180	1973205	7.186	ppbv #	100

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

[illegible]



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 22 Jun 2022 15:44 VL0622ABS01

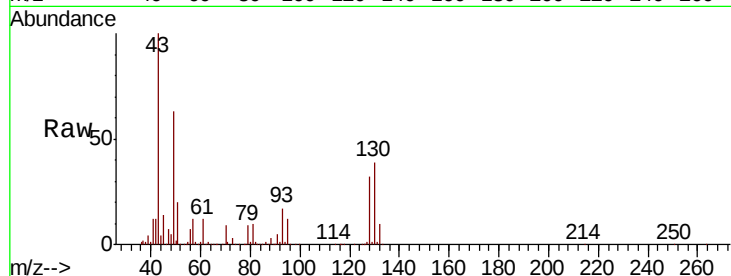
Tot Ion: 49 Resp: 1257605

Ion Ratio Lower Upper

49 100

128 53.2 24.7 74.1

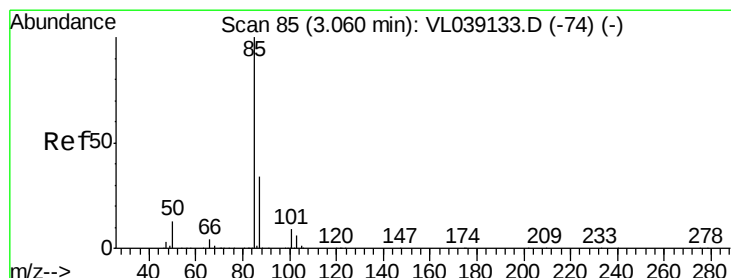
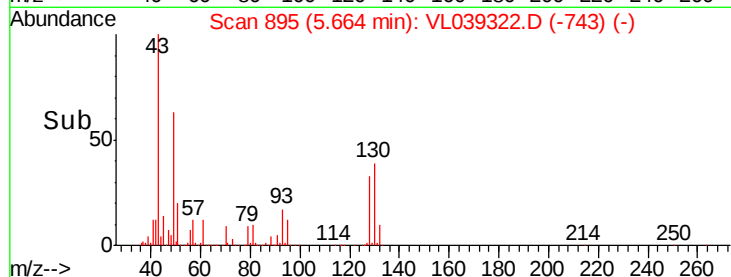
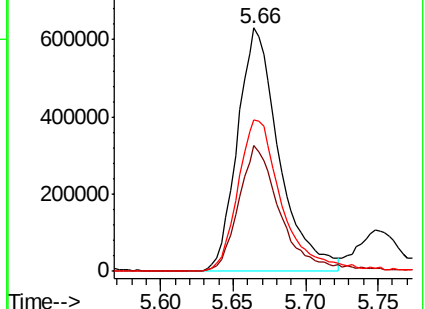
130 67.3 31.4 94.0



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: 11.293 ppbv

RT: 3.05 min Scan# 82

Delta R.T. -0.01 min

Lab File: VL039322.D

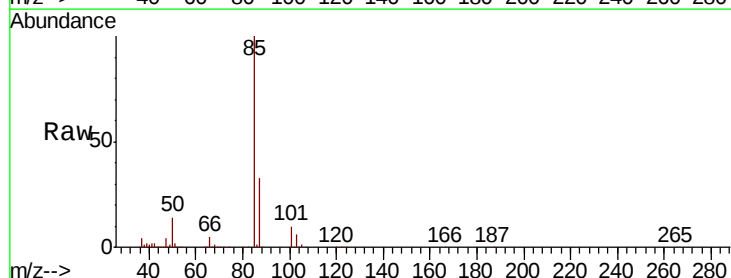
Acq: 22 Jun 2022 15:44

Tgt Ion: 85 Resp: 2494632

Ion Ratio Lower Upper

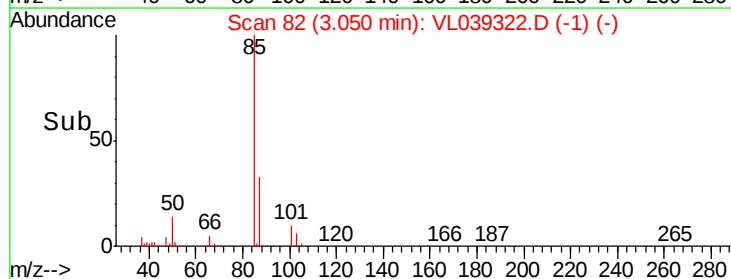
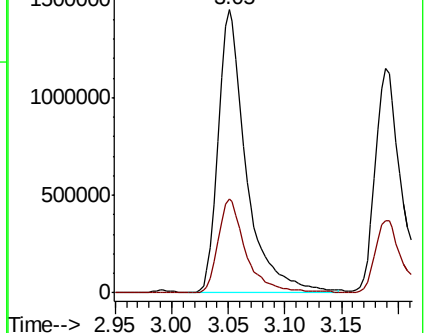
85 100

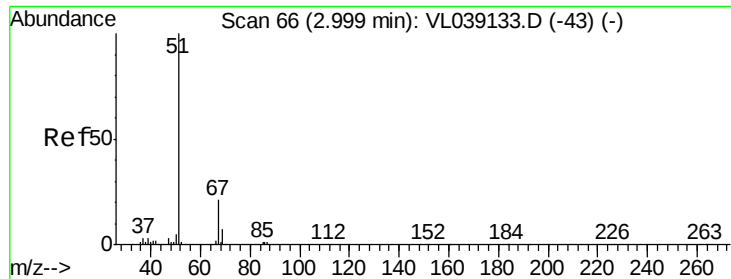
87 33.0 26.9 40.3



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 9.125 ppbv

RT: 2.99 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0622ABS01

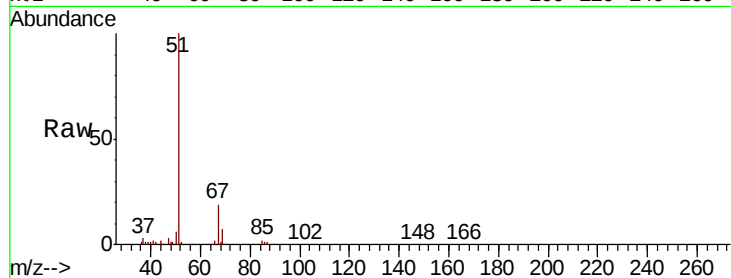
Acq: 22 Jun 2022 15:44

Tot Ion: 51 Resp: 1460143

Ion Ratio Lower Upper

51 100

67 19.7 16.2 24.4



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

2.99

800000

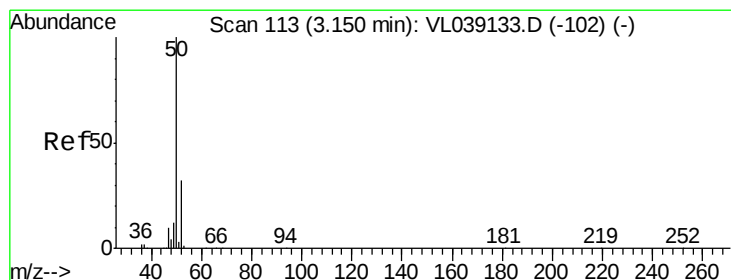
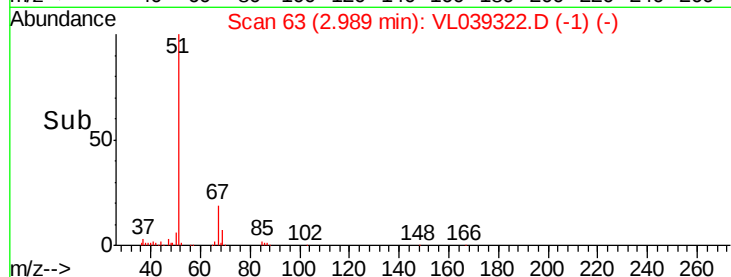
600000

400000

200000

0

Time-->



#4

Chloromethane

Concen: 9.623 ppbv

RT: 3.14 min Scan# 110

Delta R.T. -0.01 min

Lab File: VL039322.D

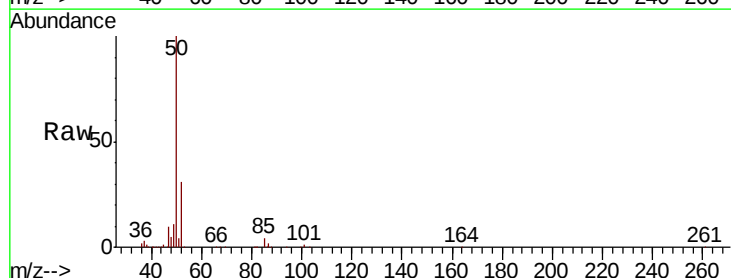
Acq: 22 Jun 2022 15:44

Tgt Ion: 50 Resp: 790972

Ion Ratio Lower Upper

50 100

52 31.3 25.9 38.9



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0

3.14

500000

400000

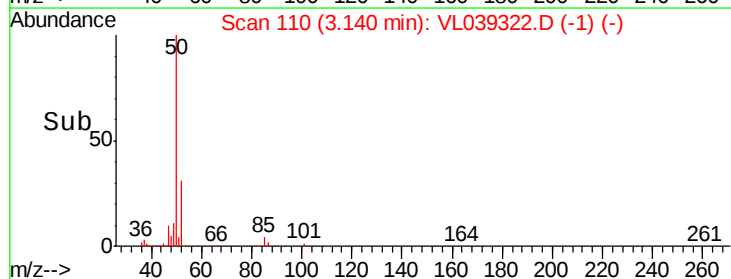
300000

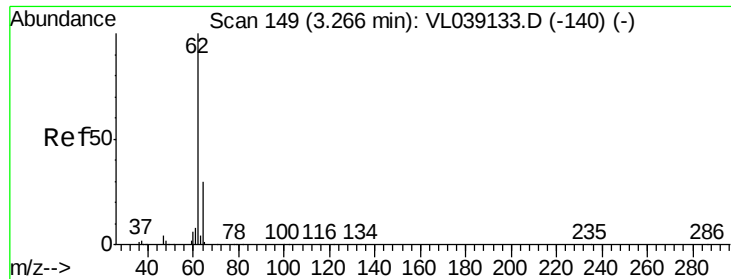
200000

100000

0

Time-->





#5

Vinyl Chloride

Concen: 10.177 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

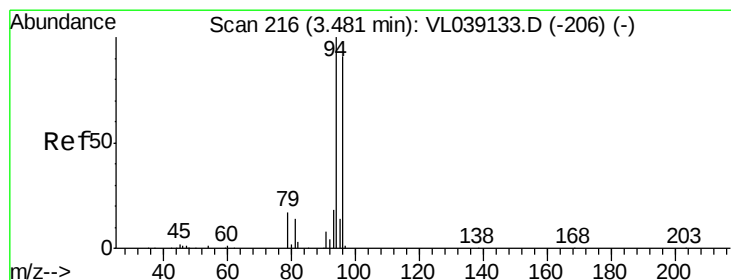
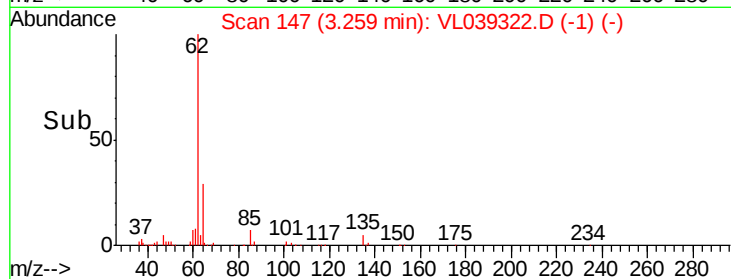
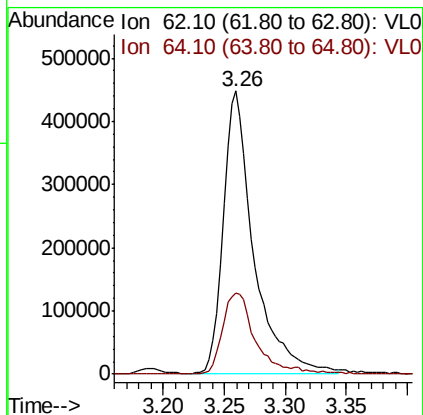
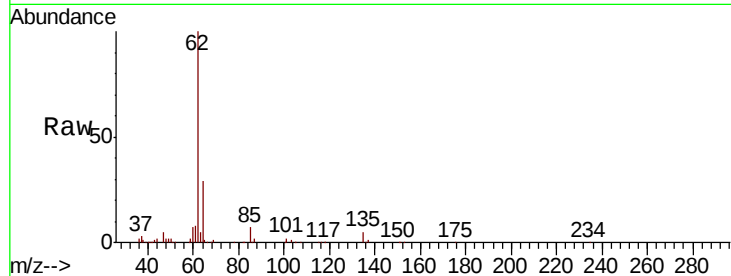
Acq: 22 Jun 2022 15:44 VL0622ABS01

Tot Ion: 62 Resp: 781959

Ion Ratio Lower Upper

62 100

64 28.8 24.2 36.2



#6

Bromomethane

Concen: 9.161 ppbv

RT: 3.47 min Scan# 214

Delta R.T. -0.01 min

Lab File: VL039322.D

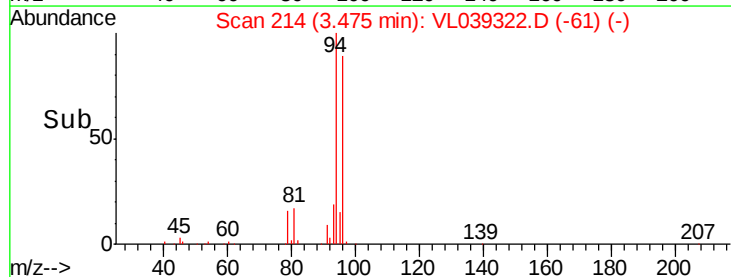
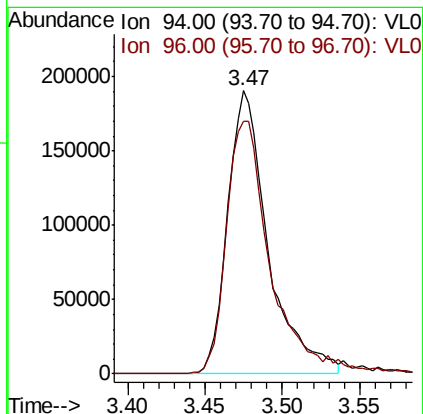
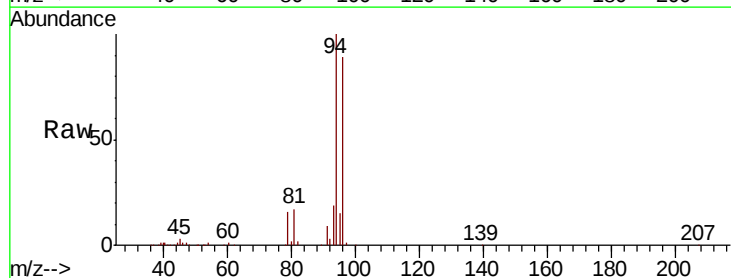
Acq: 22 Jun 2022 15:44

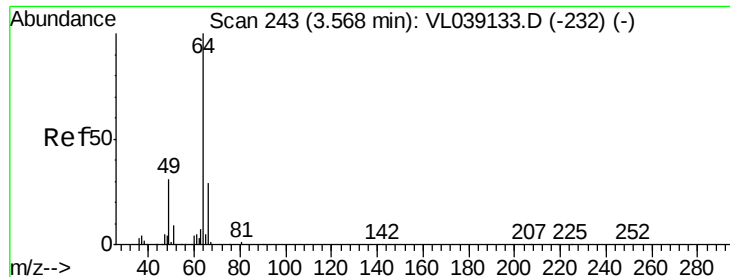
Tgt Ion: 94 Resp: 346282

Ion Ratio Lower Upper

94 100

96 88.8 73.0 109.4





#7

Chloroethane

Concen: 10.688 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

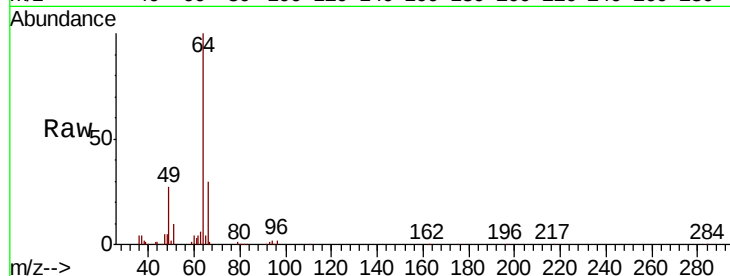
Acq: 22 Jun 2022 15:44 VL0622ABS01

Tot Ion: 64 Resp: 286156

Ion Ratio Lower Upper

64 100

66 29.9 23.6 35.4



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.56

150000

100000

50000

0

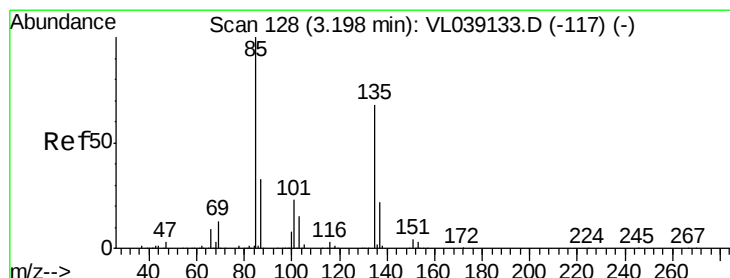
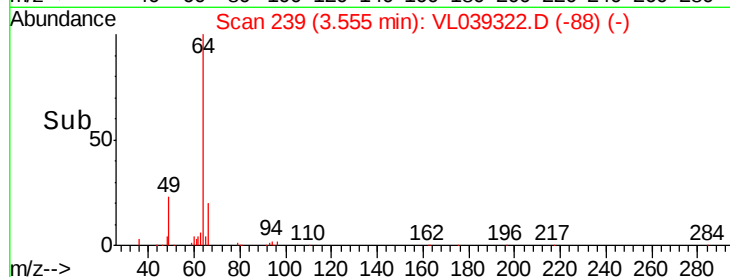
Time-->

3.50

3.55

3.60

3.65



#8

Dichlorotetrafluoroethane

Concen: 9.494 ppbv

RT: 3.19 min Scan# 125

Delta R.T. -0.01 min

Lab File: VL039322.D

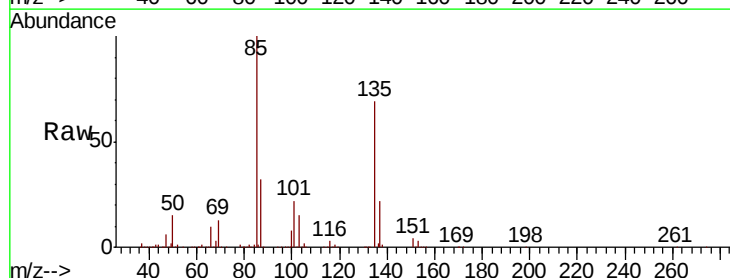
Acq: 22 Jun 2022 15:44

Tgt Ion: 85 Resp: 1916649

Ion Ratio Lower Upper

85 100

135 71.9 55.0 82.4



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

3.19

1000000

500000

0

Time-->

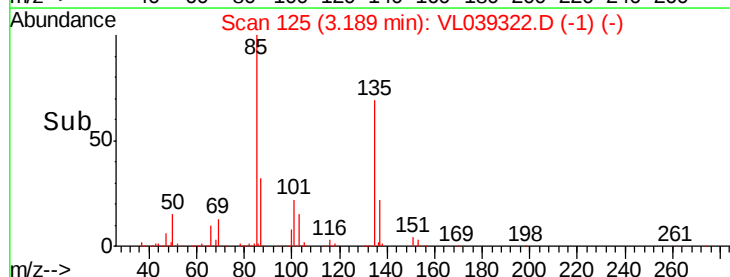
3.10

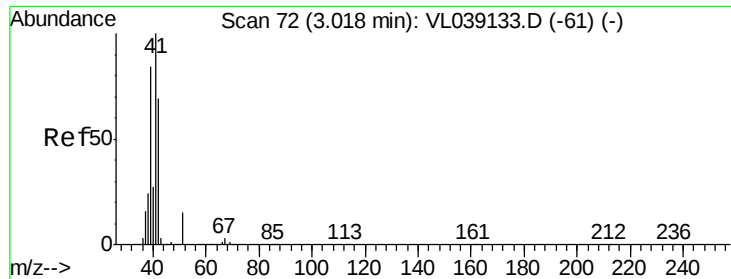
3.15

3.20

3.25

3.30





#9

Propene

Concen: 9.327 ppbv

RT: 3.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

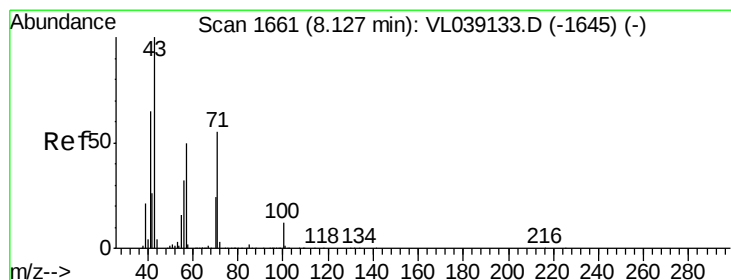
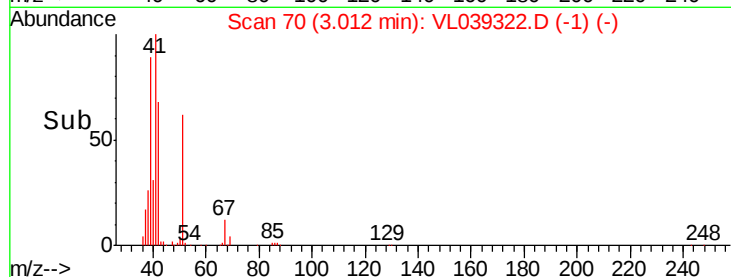
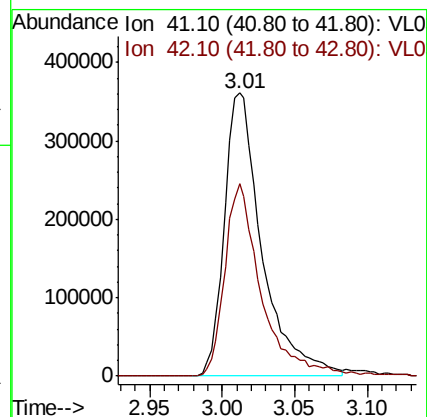
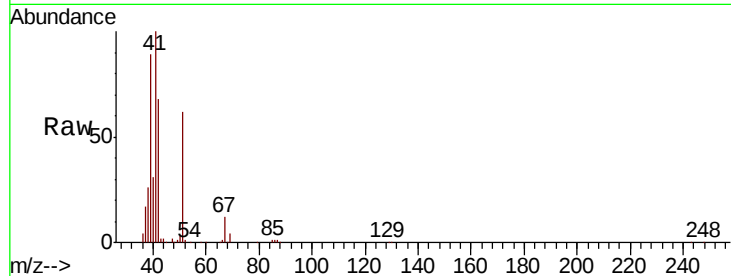
Acq: 22 Jun 2022 15:44 VL0622ABS01

Tot Ion: 41 Resp: 650792

Ion Ratio Lower Upper

41 100

42 66.8 55.4 83.2



#10

Heptane

Concen: 10.237 ppbv

RT: 8.12 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VL039322.D

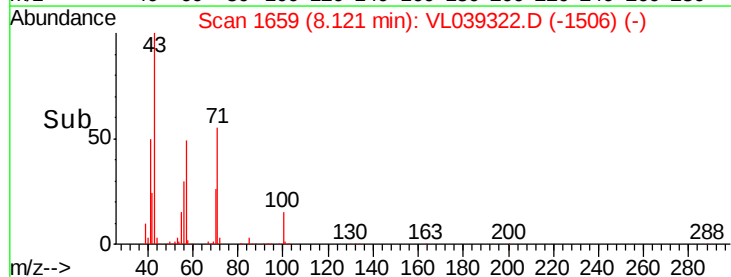
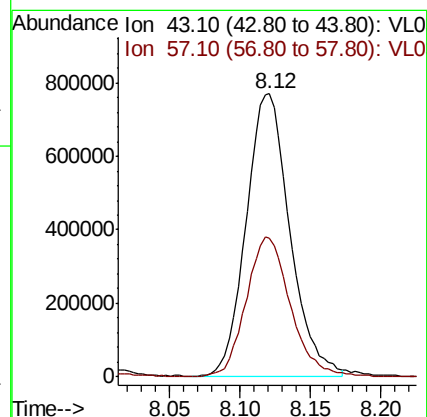
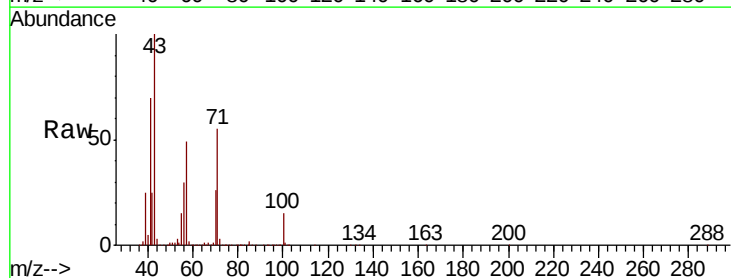
Acq: 22 Jun 2022 15:44

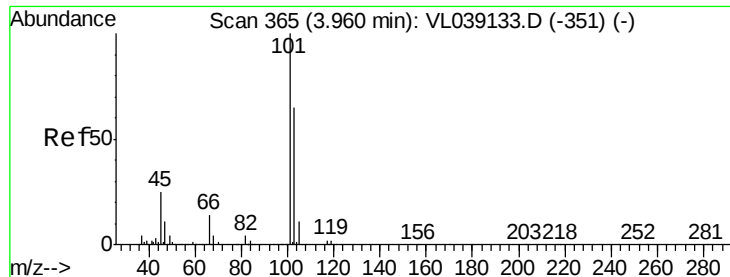
Tgt Ion: 43 Resp: 1666305

Ion Ratio Lower Upper

43 100

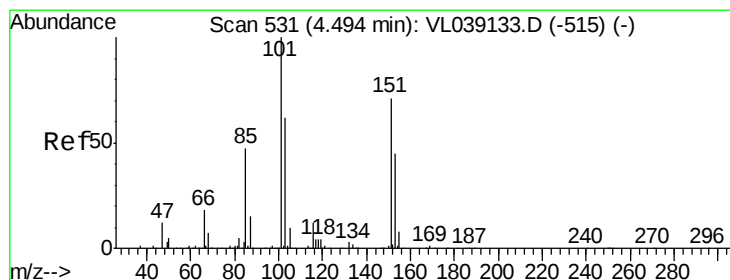
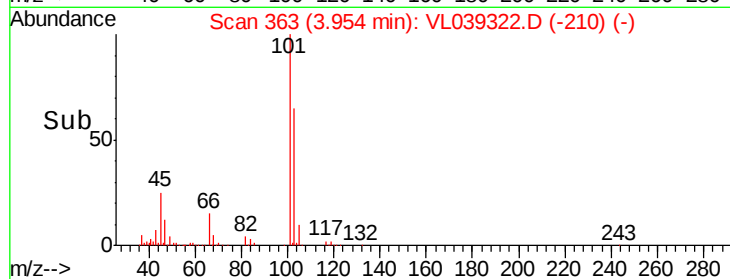
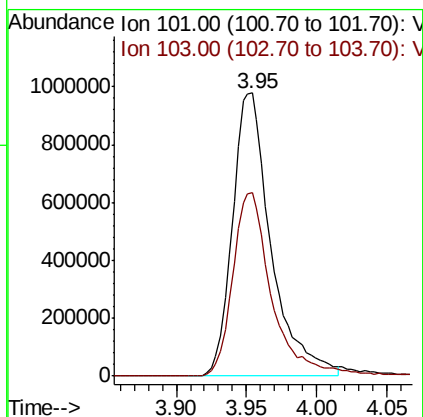
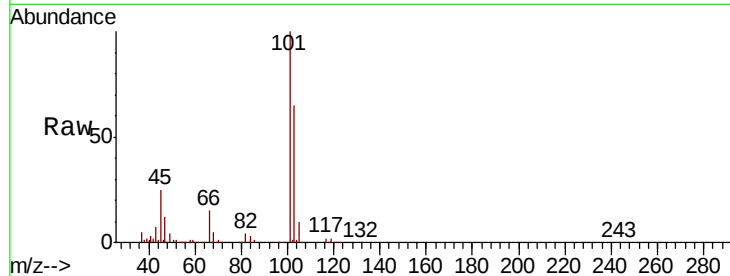
57 50.3 41.4 62.2





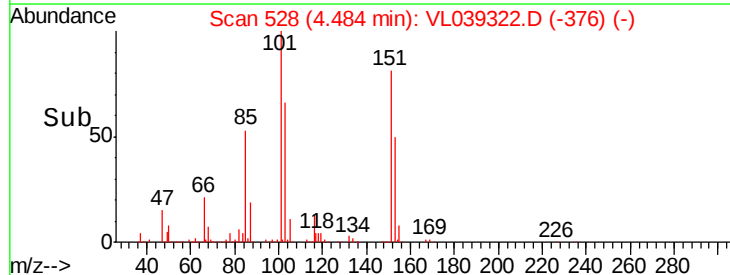
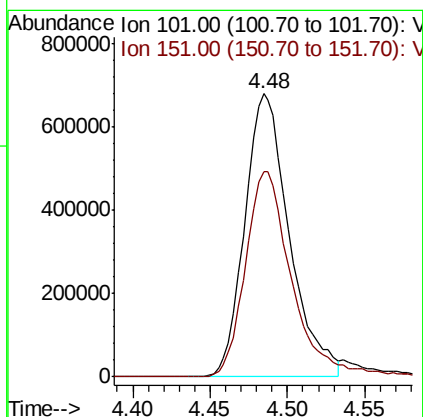
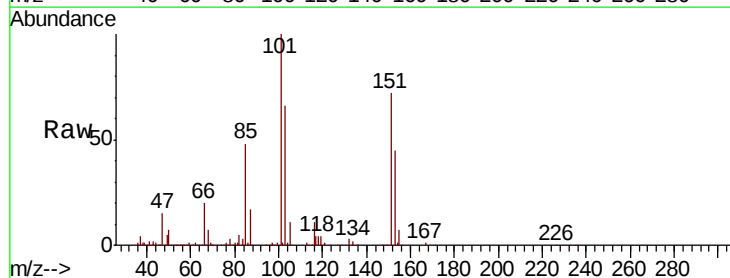
#11
 Trichlorofluoromethane
 Concen: 9.390 ppbv
 RT: 3.95
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0622ABS01
 Acq: 22 Jun 2022 15:44

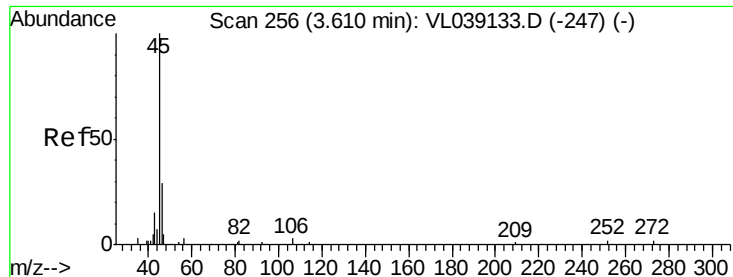
Tot Ion:101 Resp: 1877490
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.286 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VL039322.D
 Acq: 22 Jun 2022 15:44

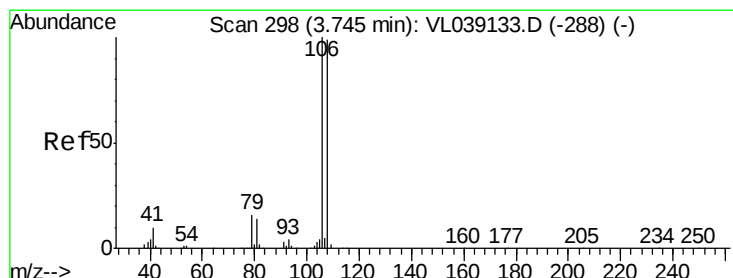
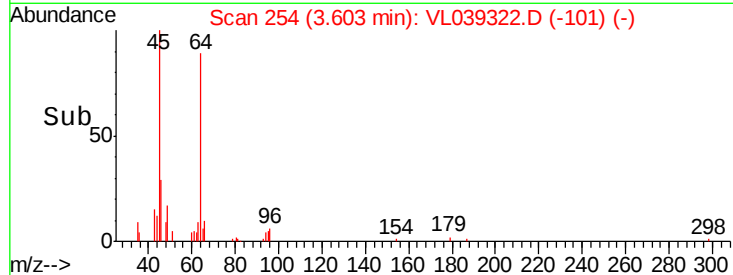
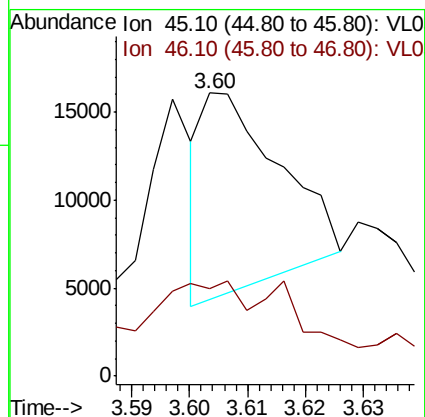
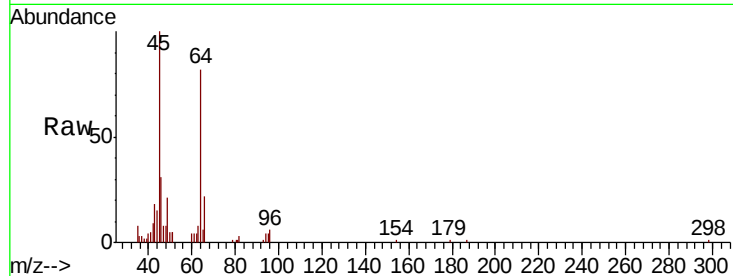
Tgt Ion:101 Resp: 1360069
 Ion Ratio Lower Upper
 101 100
 151 76.6 59.4 89.0





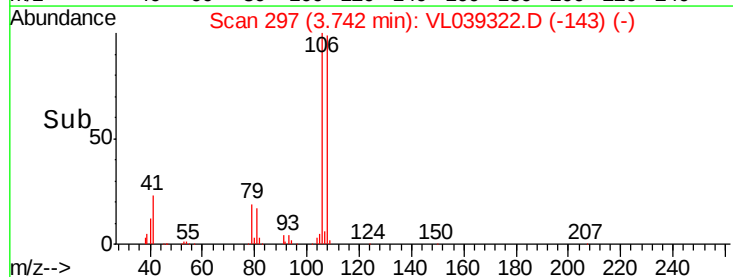
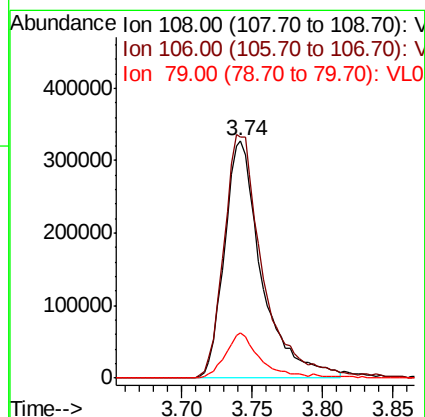
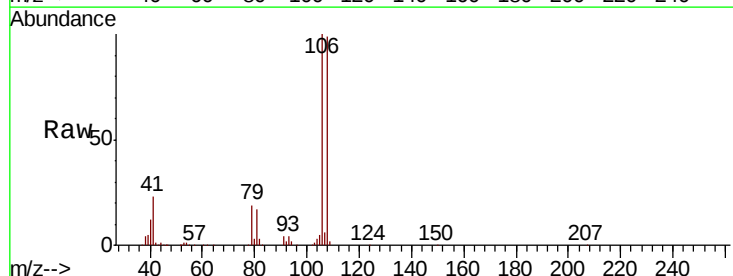
#13
 Ethanol
 Concen: 2.759 ppbv
 RT: 3.60
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0622ABS01
 Acq: 22 Jun 2022 15:44

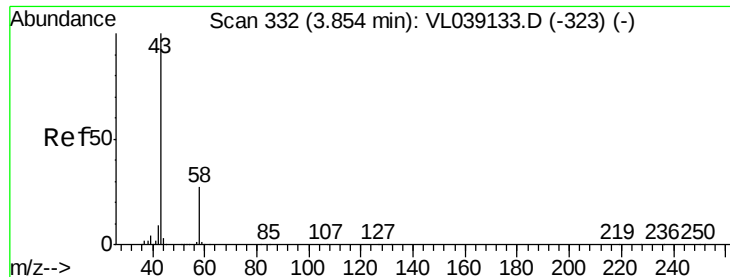
Tot Ion: 45 Resp: 10500
 Ion Ratio Lower Upper
 45 100
 46 143.2 0.0 0.0#



#14
 Bromoethene
 Concen: 10.174 ppbv
 RT: 3.74 min Scan# 297
 Delta R.T. -0.00 min
 Lab File: VL039322.D
 Acq: 22 Jun 2022 15:44

Tgt Ion: 108 Resp: 604777
 Ion Ratio Lower Upper
 108 100
 106 108.5 88.4 132.6
 79 18.7 13.4 20.2





#15

Acetone

Concen: 10.318 ppbv

RT: 3.85 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

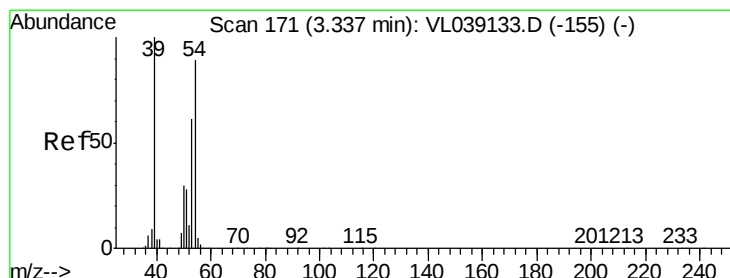
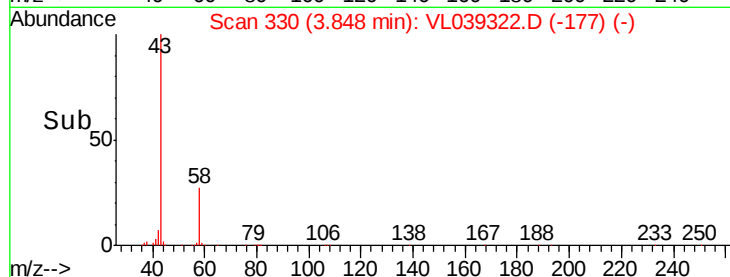
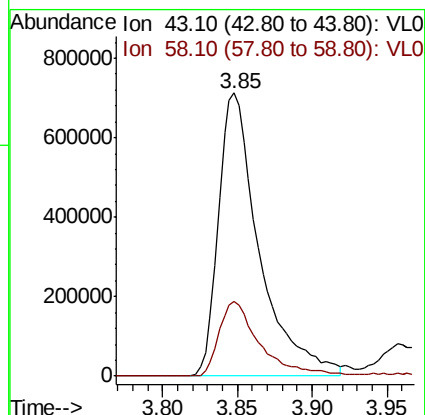
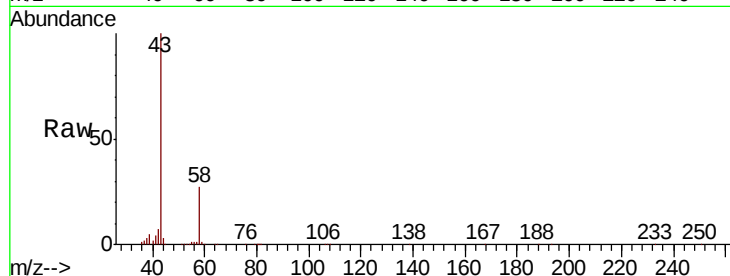
Acq: 22 Jun 2022 15:44 VL0622ABS01

Tot Ion: 43 Resp: 1351740

Ion Ratio Lower Upper

43 100

58 26.5 22.5 33.7



#16

1,3-Butadiene

Concen: 10.801 ppbv

RT: 3.33 min Scan# 169

Delta R.T. -0.01 min

Lab File: VL039322.D

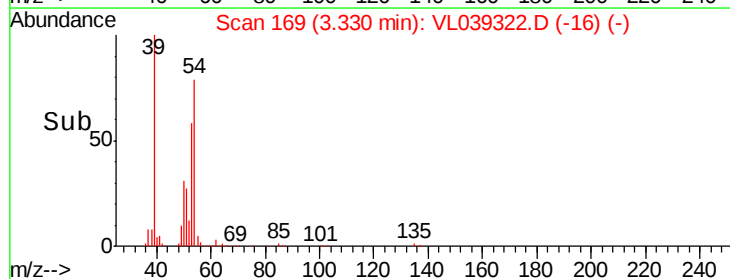
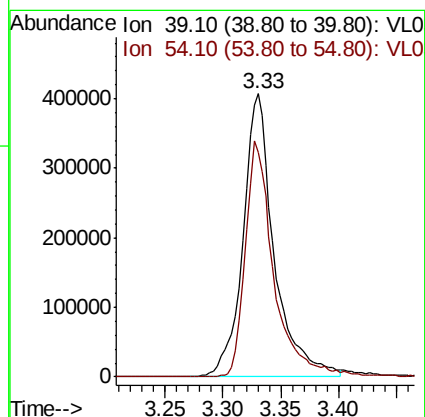
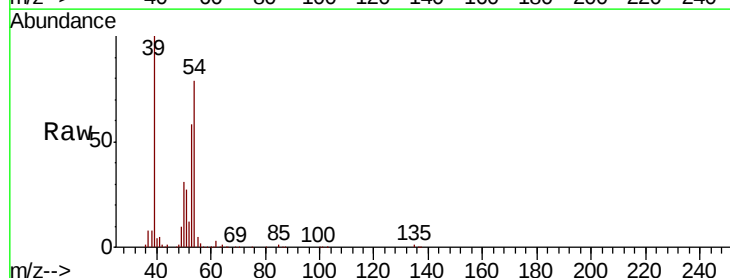
Acq: 22 Jun 2022 15:44

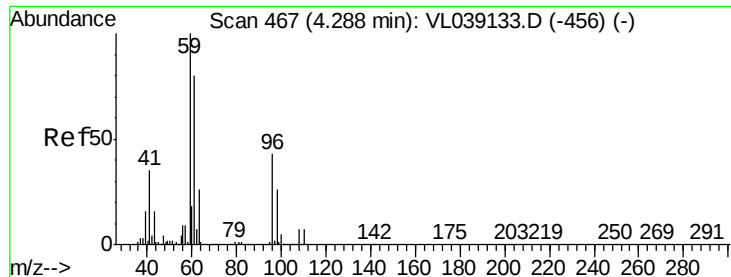
Tgt Ion: 39 Resp: 760610

Ion Ratio Lower Upper

39 100

54 77.4 65.8 98.6





#17

tert-Butyl alcohol

Concen: 11.158 ppbv

RT: 4.28 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

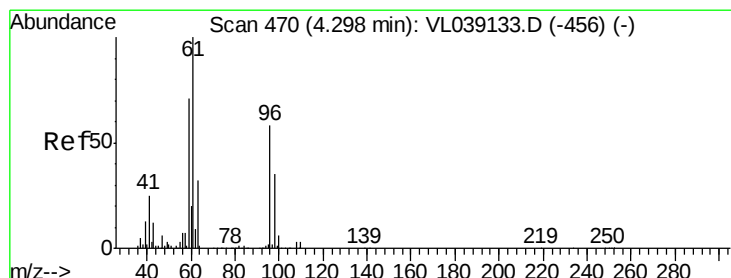
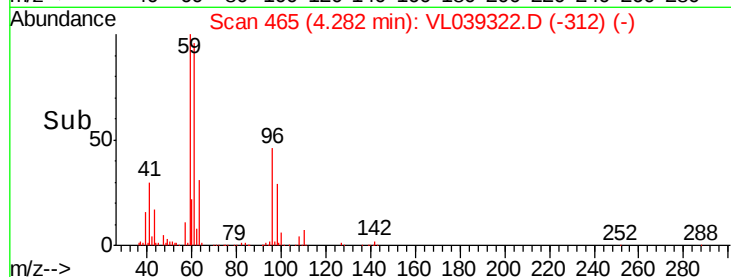
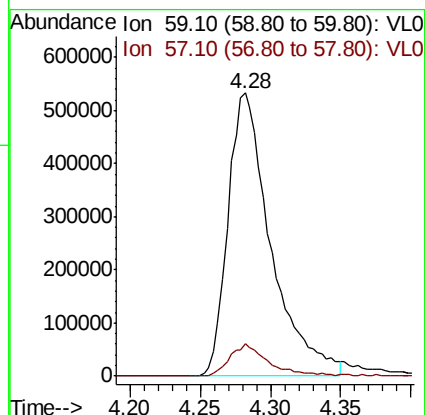
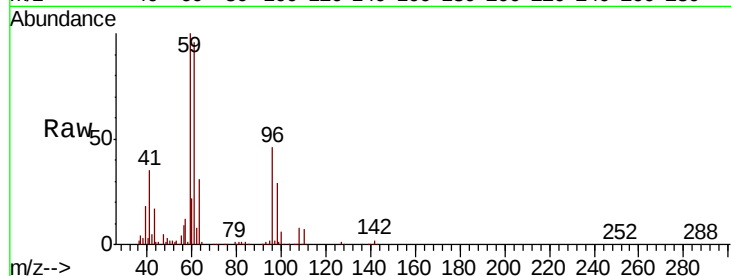
Acq: 22 Jun 2022 15:44

Tot Ion: 59 Resp: 1133776

Ion Ratio Lower Upper

59 100

57 10.8 9.1 13.7



#18

1,1-Dichloroethene

Concen: 10.618 ppbv

RT: 4.29 min Scan# 468

Delta R.T. -0.01 min

Lab File: VL039322.D

Acq: 22 Jun 2022 15:44

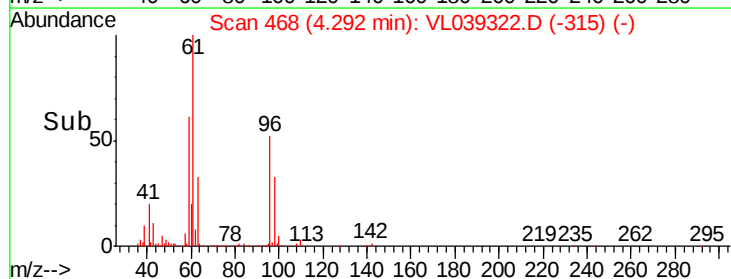
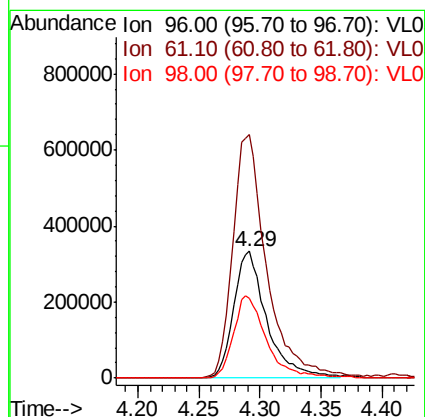
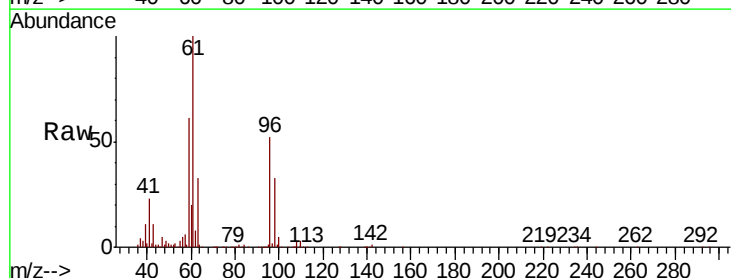
Tgt Ion: 96 Resp: 629821

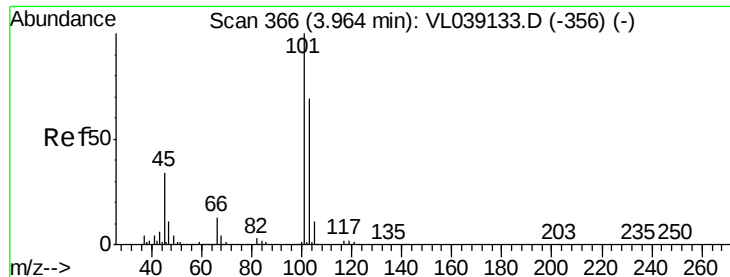
Ion Ratio Lower Upper

96 100

61 191.6 138.4 207.6

98 63.1 47.8 71.8





#19

Isopropyl Alcohol

Concen: 10.324 ppbv

RT: 3.96 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

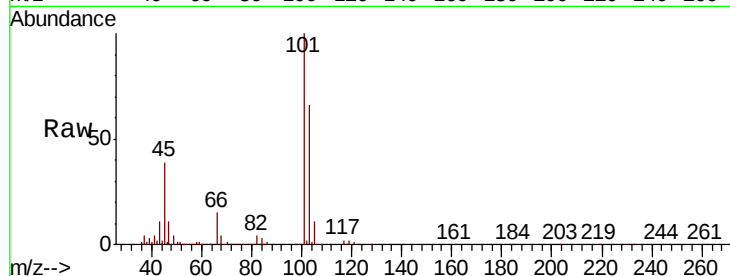
Acq: 22 Jun 2022 15:44

Tot Ion: 45 Resp: 634347

Ion Ratio Lower Upper

45 100

58 2.7 1.8 2.8



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.96

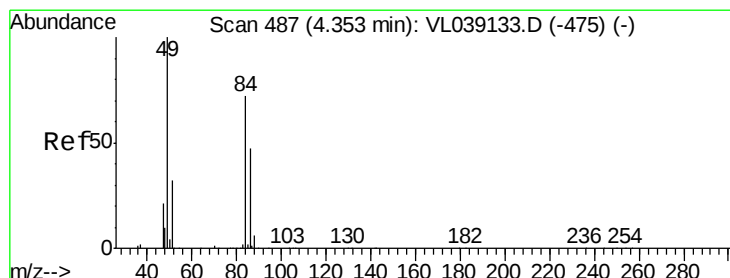
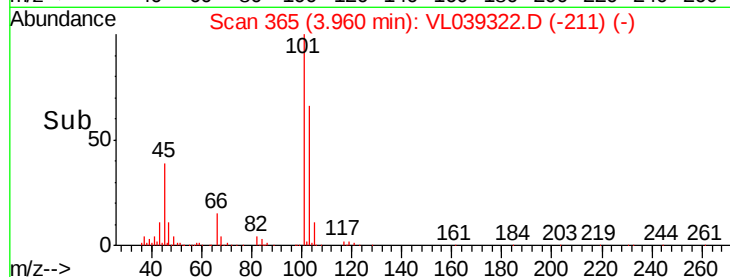
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 9.603 ppbv

RT: 4.34 min Scan# 484

Delta R.T. -0.01 min

Lab File: VL039322.D

Acq: 22 Jun 2022 15:44

Tgt Ion: 84 Resp: 530126

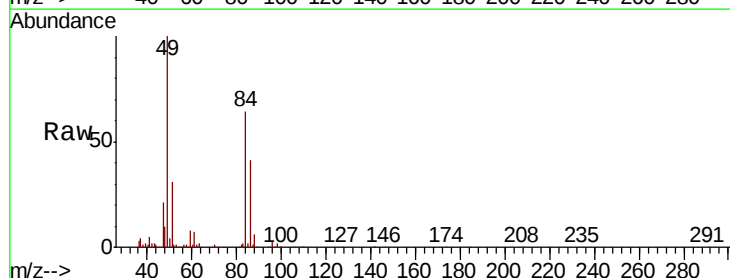
Ion Ratio Lower Upper

84 100

49 154.1 111.1 166.7

51 46.5 35.3 52.9

86 64.2 51.9 77.9



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

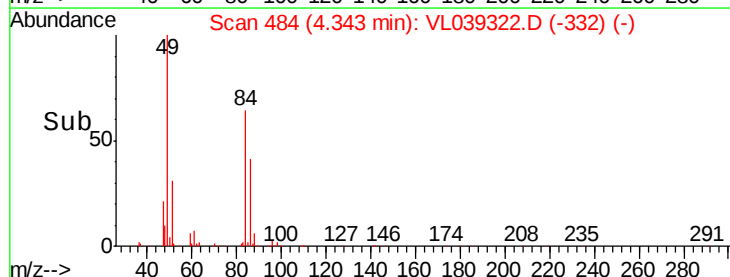
600000

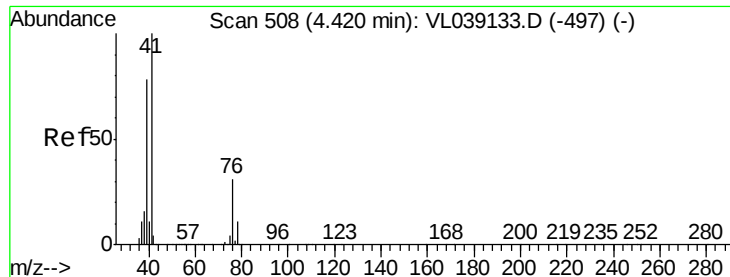
400000

200000

0

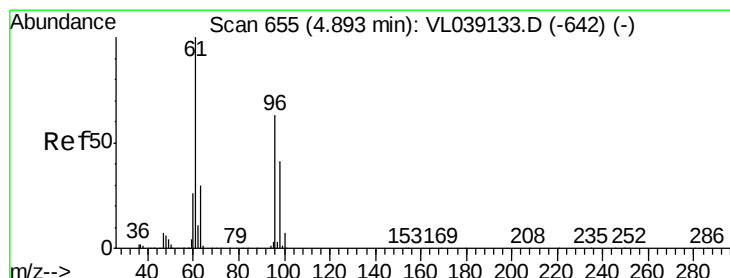
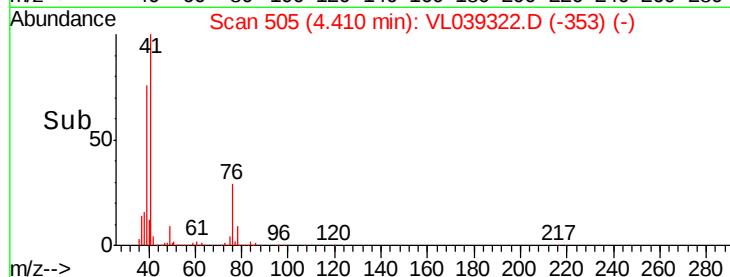
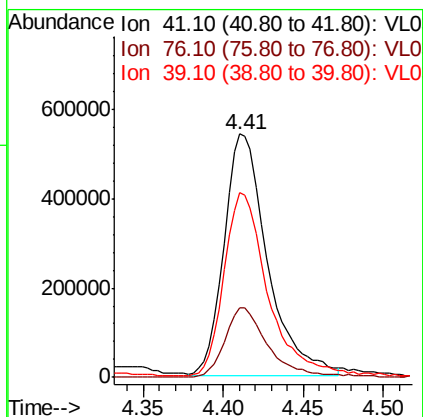
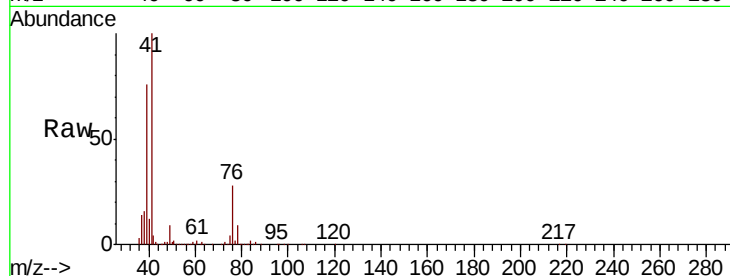
Time-->





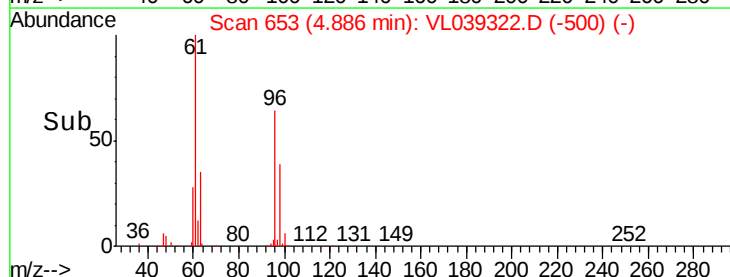
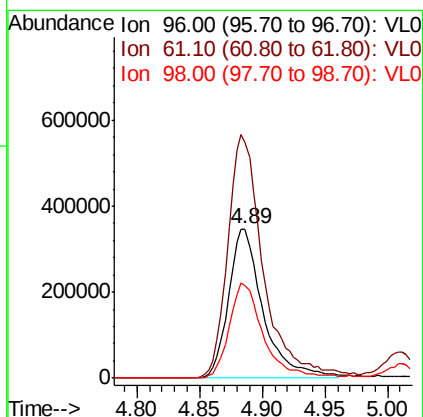
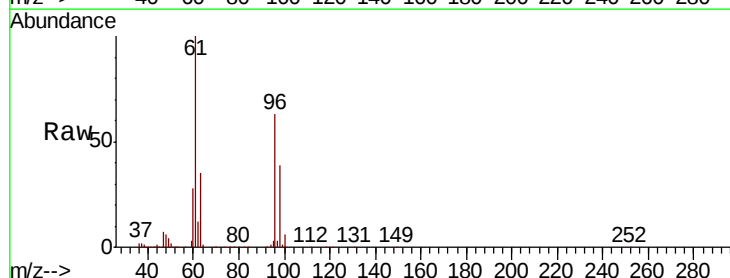
#21
 Allvl Chloride
 Concen: 11.450 ppbv
 RT: 4.41
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0622ABS01
 Acq: 22 Jun 2022 15:44

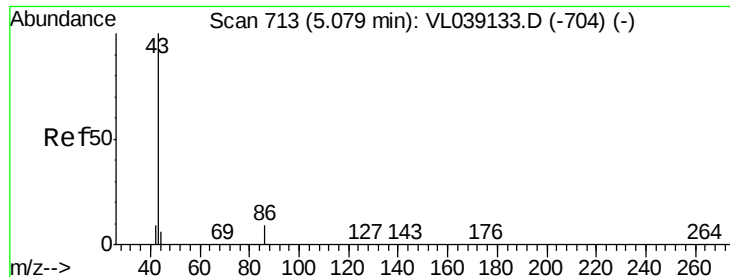
Tot Ion: 41 Resp: 1011897
 Ion Ratio Lower Upper
 41 100
 76 28.6 24.2 36.2
 39 77.1 62.2 93.2



#22
 trans-1,2-Dichloroethene
 Concen: 11.620 ppbv
 RT: 4.89 min Scan# 653
 Delta R.T. -0.01 min
 Lab File: VL039322.D
 Acq: 22 Jun 2022 15:44

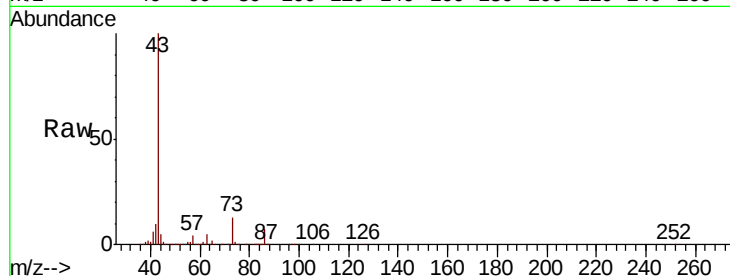
Tgt Ion: 96 Resp: 663161
 Ion Ratio Lower Upper
 96 100
 61 158.3 126.6 190.0
 98 62.1 52.5 78.7



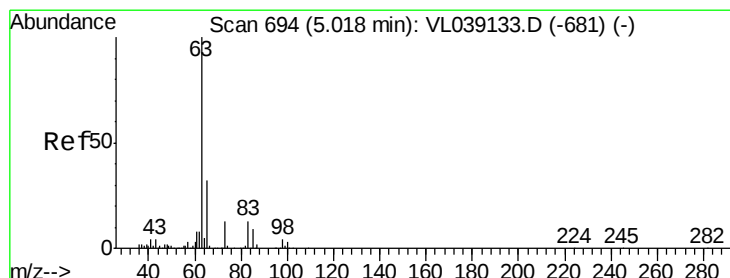
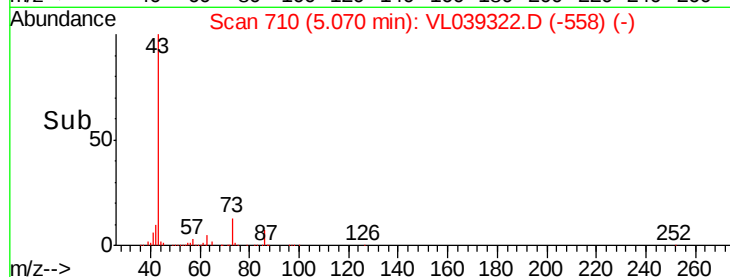
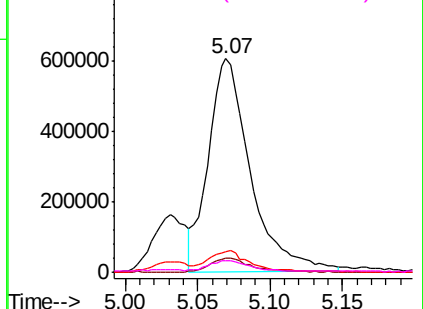


#23
 Vinyl Acetate
 Concen: 11.187 ppbv
 RT: 5.07
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0622ABS01
 Acq: 22 Jun 2022 15:44

Tot Ion:	43	Resp:	1212503
Ion	Ratio	Lower	Upper
43	100		
86	6.6	6.0	9.0
42	9.8	8.2	12.4
44	5.0	4.3	6.5

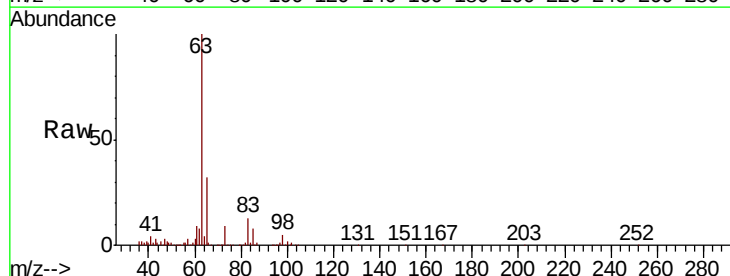


Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 86.10 (85.80 to 86.80): VL0
 Ion 42.10 (41.80 to 42.80): VL0
 Ion 44.10 (43.80 to 44.80): VL0

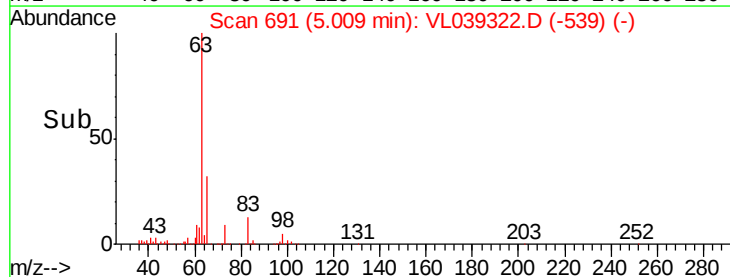
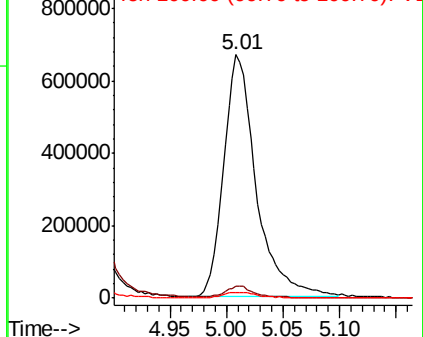


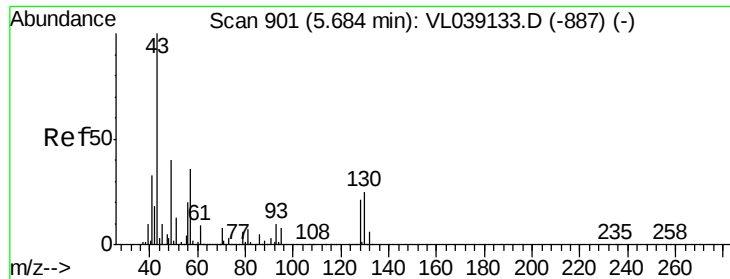
#24
 1,1-Dichloroethane
 Concen: 9.045 ppbv
 RT: 5.01 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: VL039322.D
 Acq: 22 Jun 2022 15:44

Tgt Ion:	63	Resp:	1343323
Ion	Ratio	Lower	Upper
63	100		
98	4.8	2.1	6.2
100	2.4	1.5	4.5



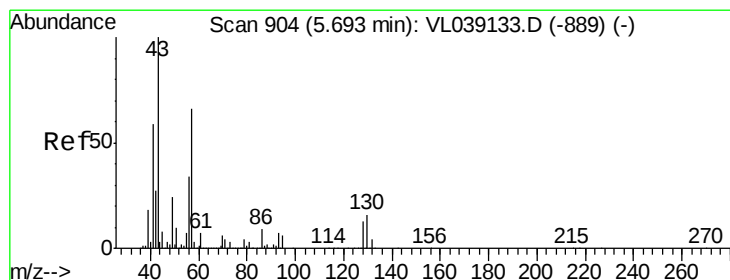
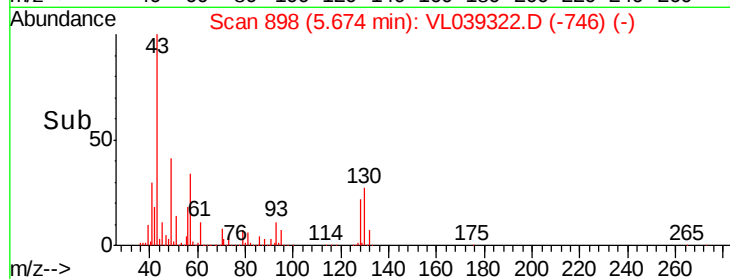
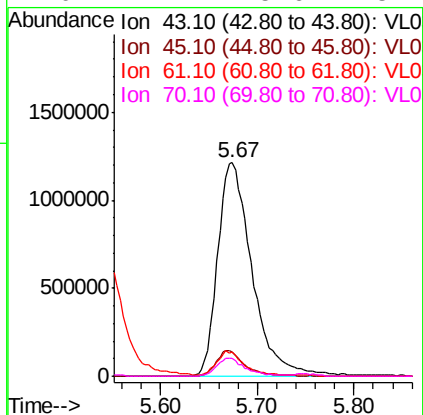
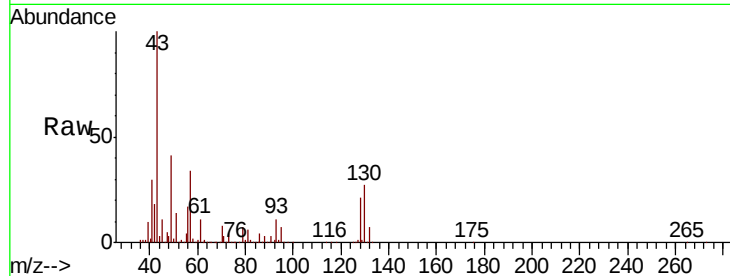
Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 98.00 (97.70 to 98.70): VL0
 Ion 100.00 (99.70 to 100.70): VL0





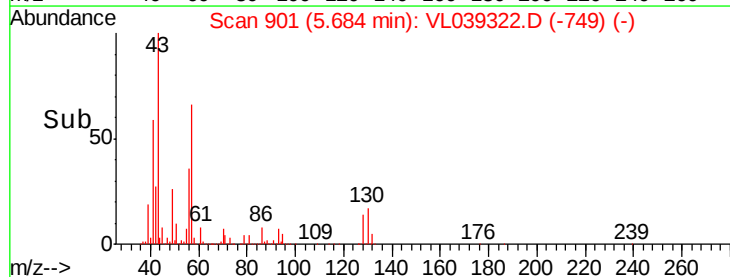
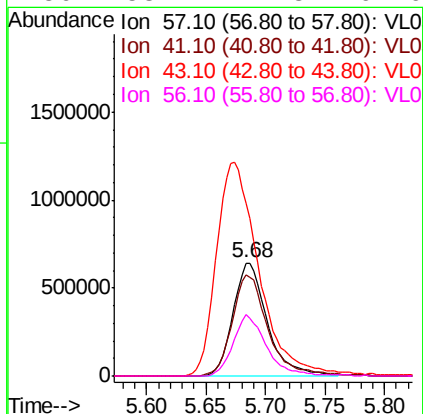
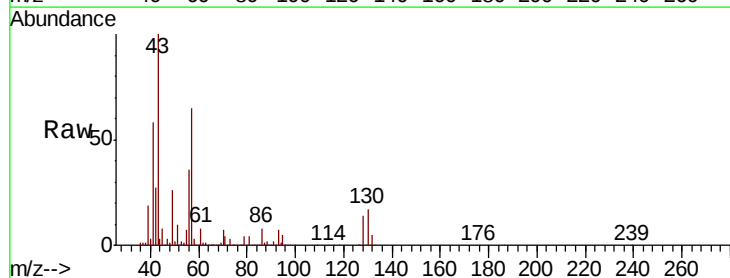
#25
Ethyl Acetate
Concen: 10.122 ppbv
RT: 5.67
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0622ABS01
Acq: 22 Jun 2022 15:44

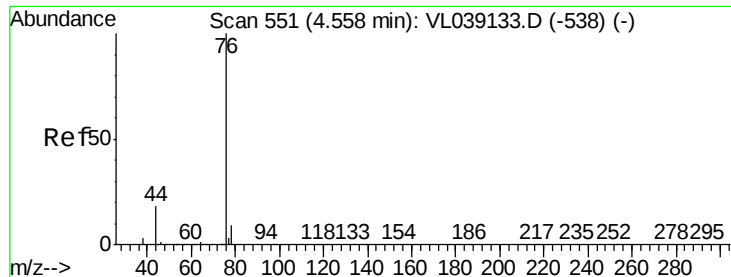
Tot Ion:	43	Resp:	2988583
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.2	12.2
61	10.1	8.4	12.6
70	7.2	5.6	8.4



#26
Hexane
Concen: 9.862 ppbv
RT: 5.68 min Scan# 901
Delta R.T.: -0.01 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

Tgt Ion:	57	Resp:	1279625
Ion	Ratio	Lower	Upper
57	100		
41	94.5	72.4	108.6
43	235.7	187.0	280.6
56	53.7	41.8	62.6





#27

Carbon Disulfide

Concen: 11.602 ppbv

RT: 4.55 Instrument: MSVOA_1

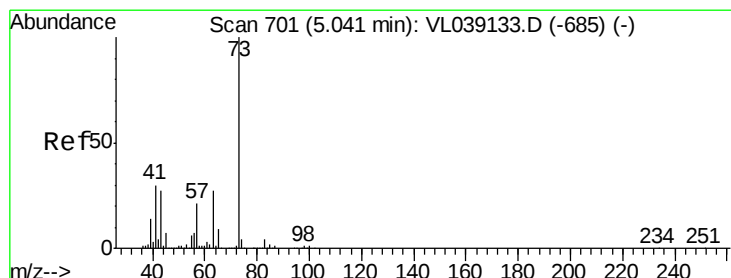
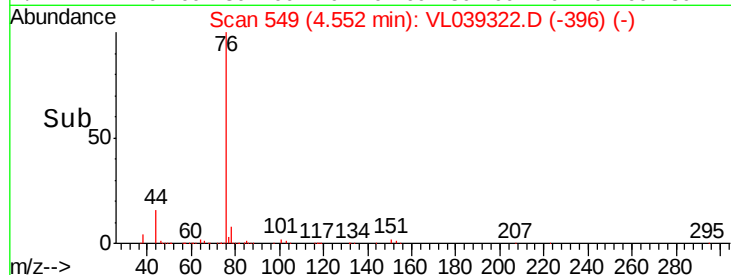
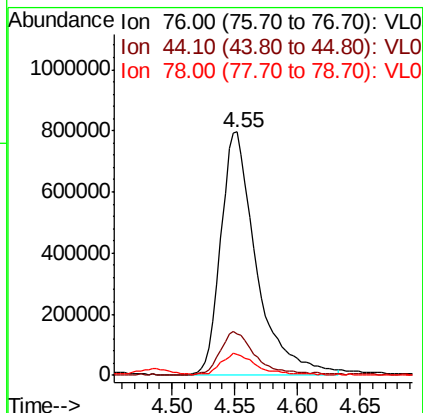
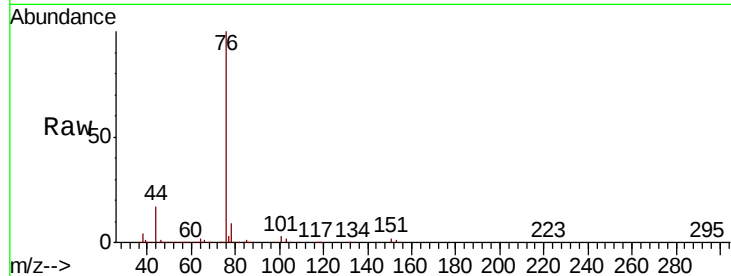
Delta R.T.

Lab File: ClientSampleId:

Acq: 22 Jun 2022 15:44 VL0622ABS01

Tot Ion: 76 Resp: 1560298

Ion	Ratio	Lower	Upper
76	100		
44	17.5	14.4	21.6
78	9.6	7.7	11.5



#28

Methyl tert-Butyl Ether

Concen: 9.176 ppbv

RT: 5.03 min Scan# 698

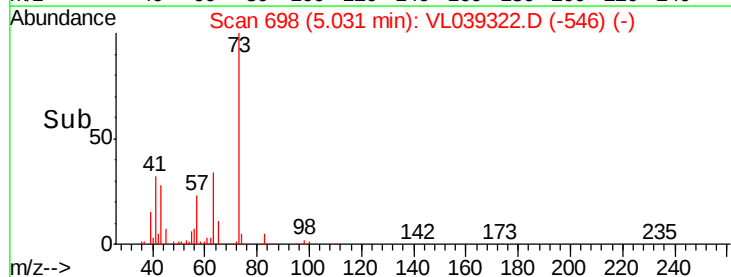
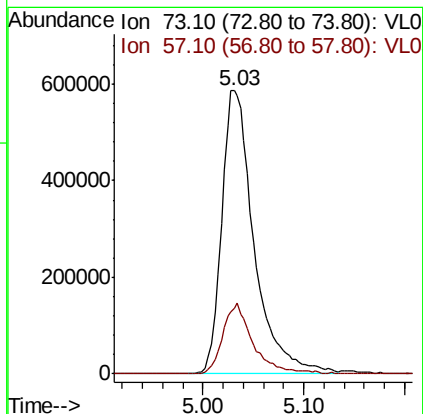
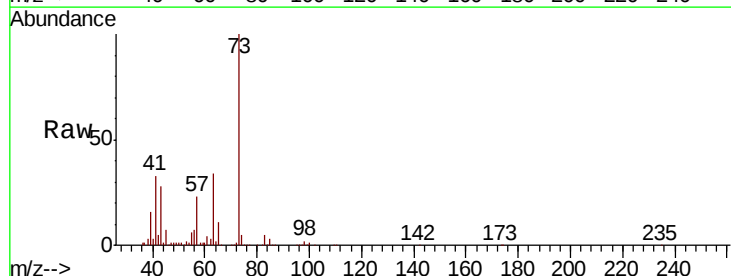
Delta R.T. -0.01 min

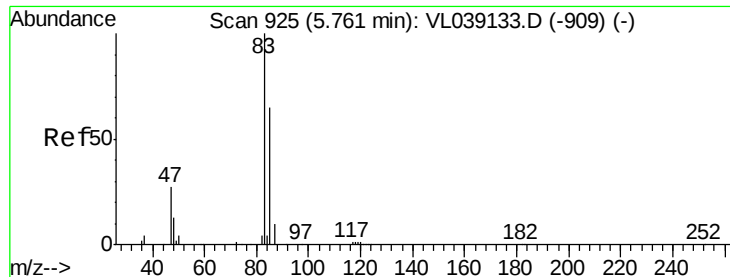
Lab File: VL039322.D

Acq: 22 Jun 2022 15:44

Tgt Ion: 73 Resp: 1314365

Ion	Ratio	Lower	Upper
73	100		
57	23.5	18.6	27.8





#29

Chloroform

Concen: 9.206 ppbv

RT: 5.75 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0622ABS01

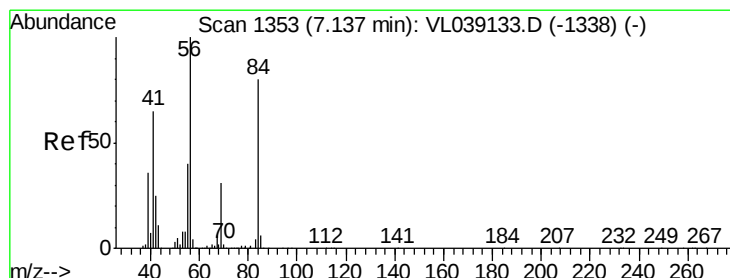
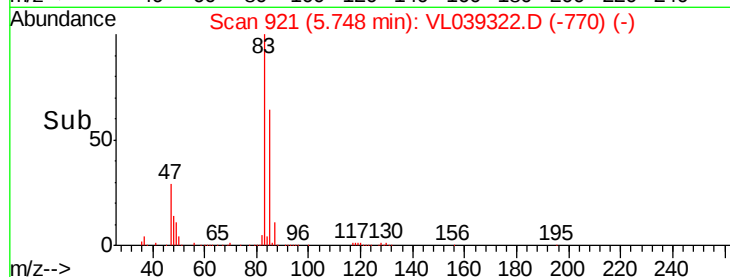
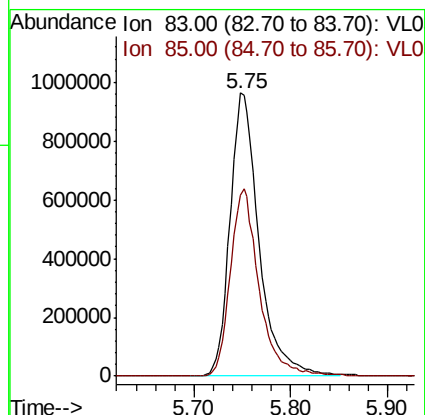
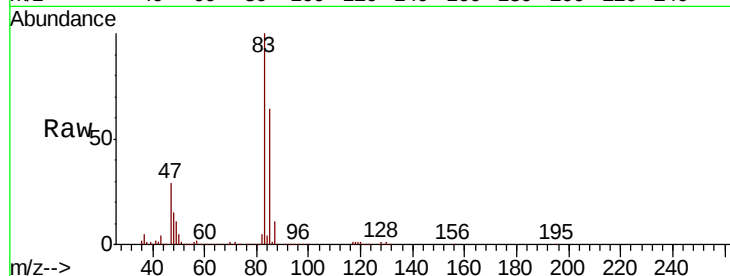
Acq: 22 Jun 2022 15:44

Tot Ion: 83 Resp: 2010097

Ion Ratio Lower Upper

83 100

85 63.8 52.4 78.6



#30

Cyclohexane

Concen: 10.103 ppbv

RT: 7.13 min Scan# 1351

Delta R.T. -0.01 min

Lab File: VL039322.D

Acq: 22 Jun 2022 15:44

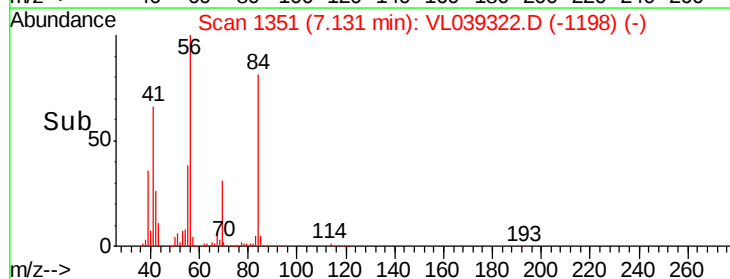
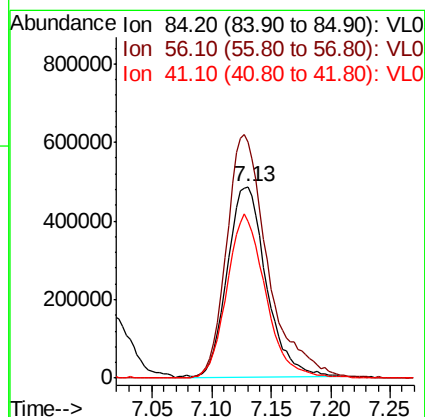
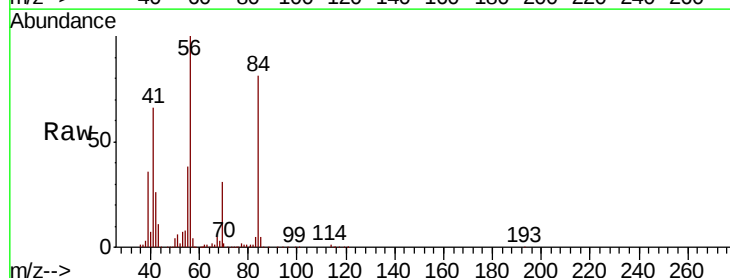
Tgt Ion: 84 Resp: 1101261

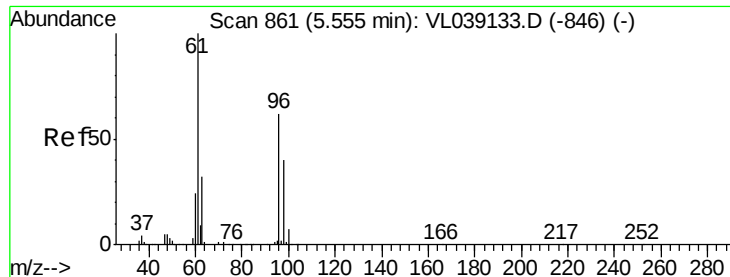
Ion Ratio Lower Upper

84 100

56 136.0 110.6 165.8

41 85.7 68.9 103.3





#31

cis-1,2-Dichloroethene

Concen: 9.711 ppbv

RT: 5.55 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0622ABS01

Acq: 22 Jun 2022 15:44

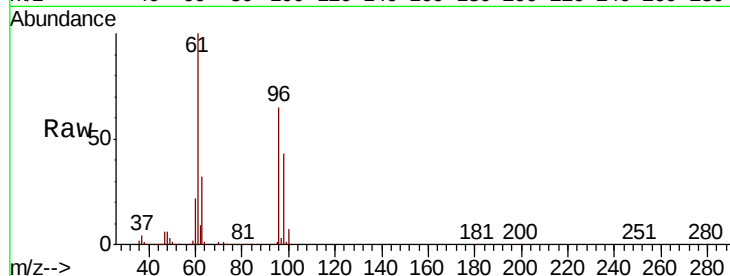
Tot Ion: 61 Resp: 1284787

Ion	Ratio	Lower	Upper
61	100		
96	65.2	49.9	74.9
98	43.4	32.0	48.0

61 100

96 65.2 49.9 74.9

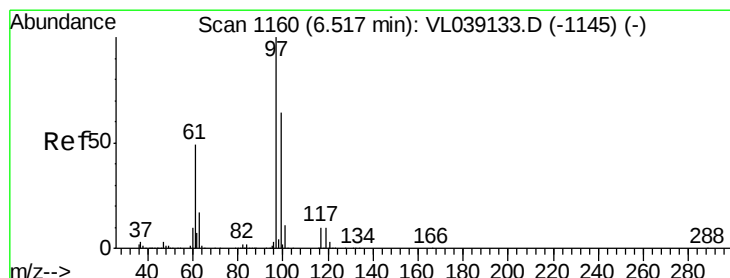
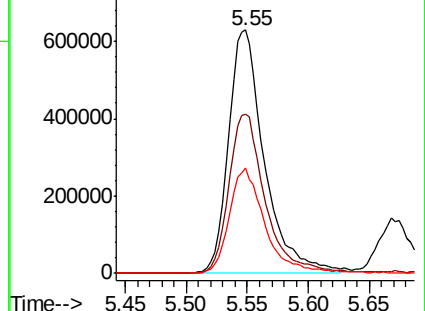
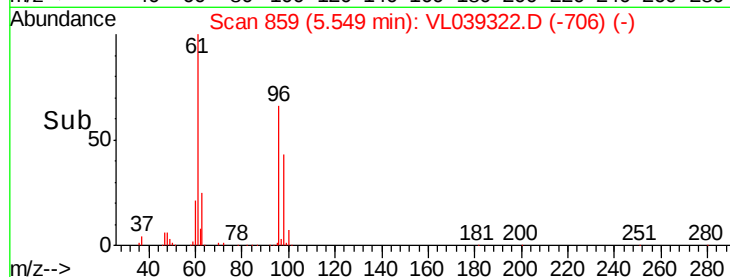
98 43.4 32.0 48.0



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: 9.545 ppbv

RT: 6.51 min Scan# 1158

Delta R.T. -0.01 min

Lab File: VL039322.D

Acq: 22 Jun 2022 15:44

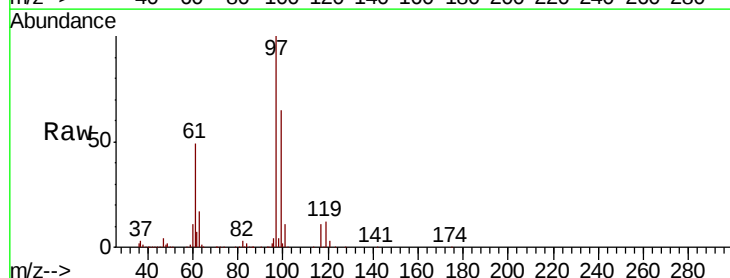
Tgt Ion: 97 Resp: 2039295

Ion	Ratio	Lower	Upper
97	100		
99	65.2	52.1	78.1
61	50.3	40.0	60.0

97 100

99 65.2 52.1 78.1

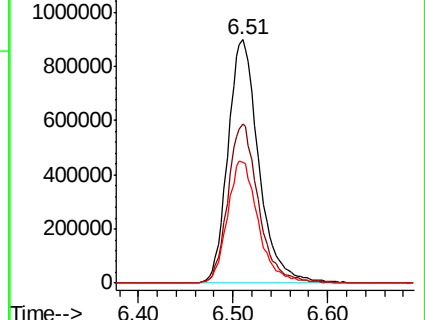
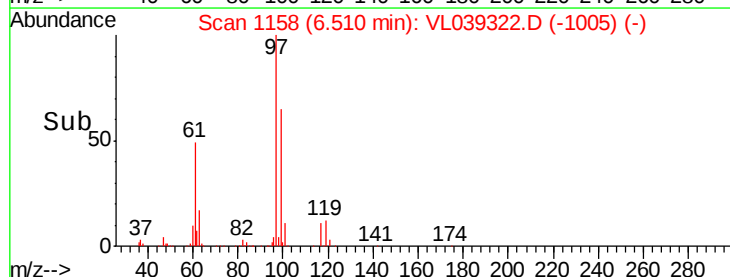
61 50.3 40.0 60.0

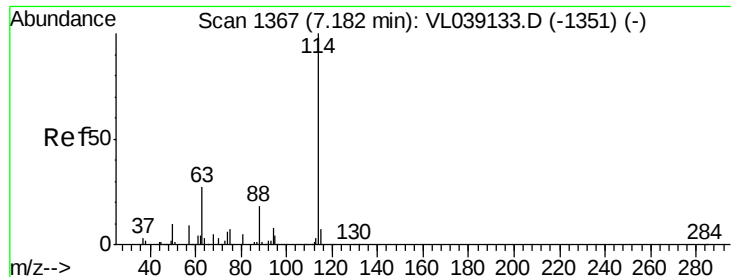


Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 99.00 (98.70 to 99.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

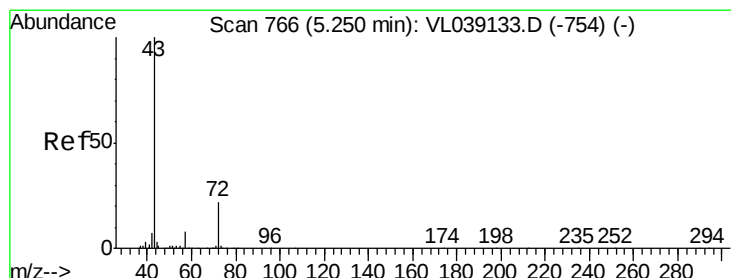
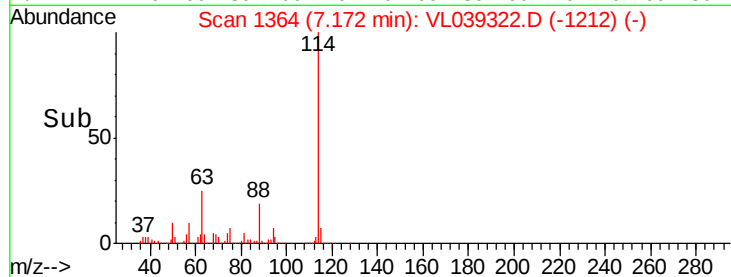
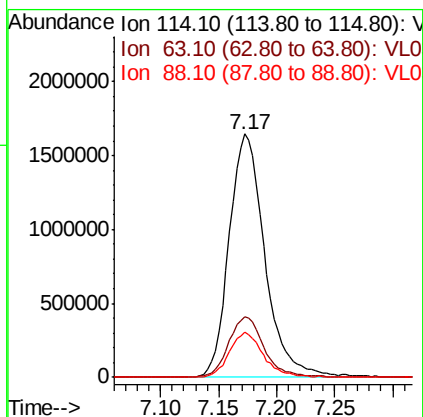
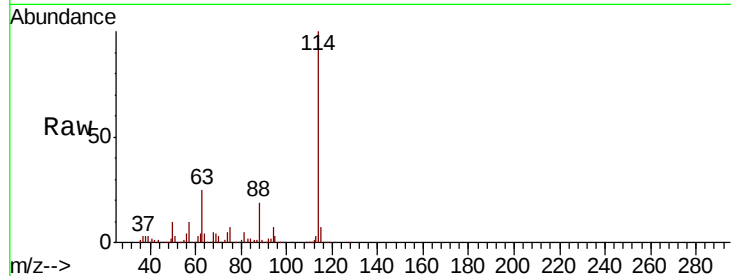




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0622ABS01
 Acq: 22 Jun 2022 15:44

Tot Ion:114 Resp: 3514582

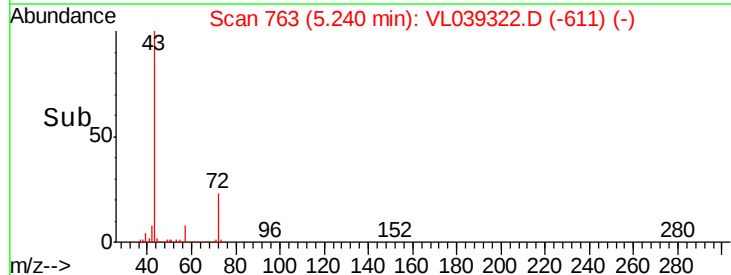
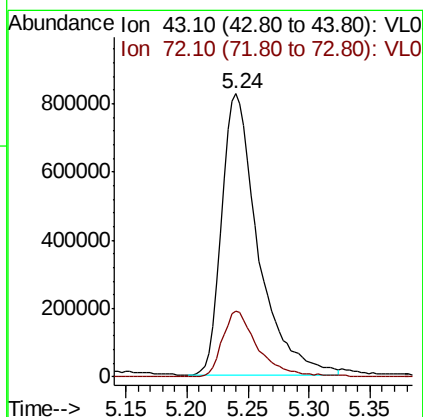
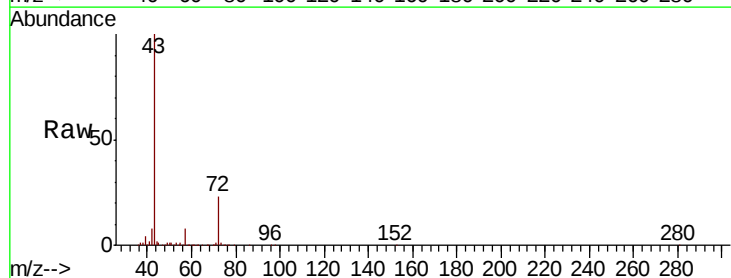
Ion	Ratio	Lower	Upper
114	100		
63	25.2	21.7	32.5
88	18.0	14.8	22.2

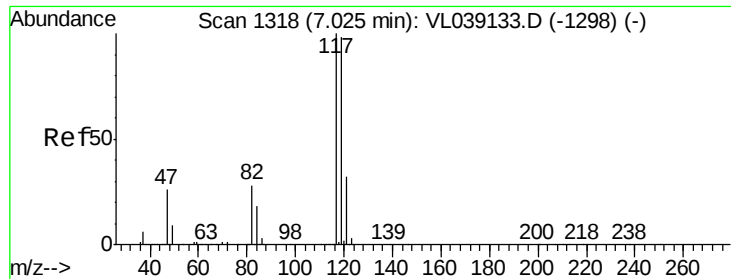


#34
 2-Butanone
 Concen: 9.066 ppbv
 RT: 5.24 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: VL039322.D
 Acq: 22 Jun 2022 15:44

Tgt Ion: 43 Resp: 1731015

Ion	Ratio	Lower	Upper
43	100		
72	23.3	18.2	27.2





#35

Carbon Tetrachloride

Concen: 8.182 ppbv

RT: 7.02 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0622ABS01

Acq: 22 Jun 2022 15:44

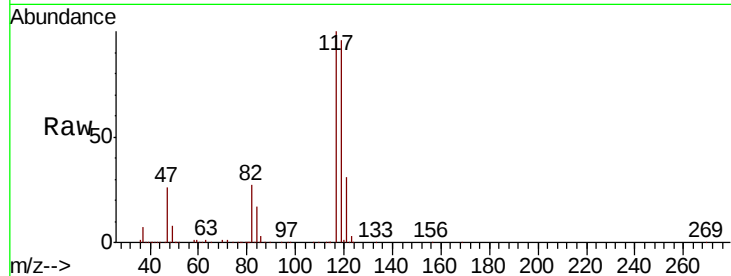
Tot Ion: 117 Resp: 2098941

Ion Ratio Lower Upper

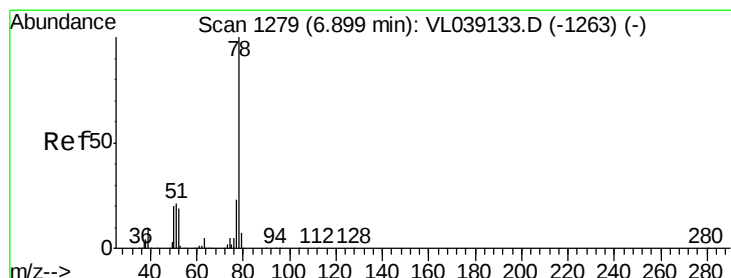
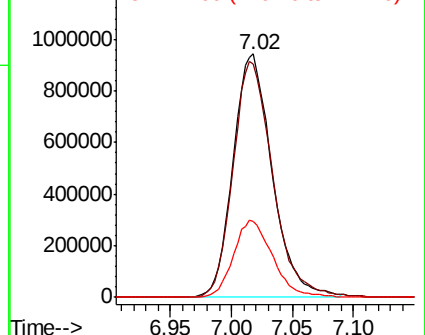
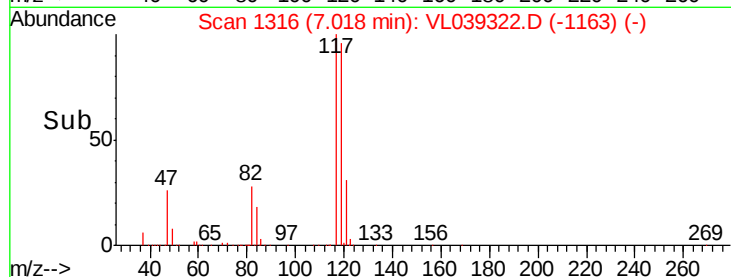
117 100

119 95.6 78.6 118.0

121 31.3 25.4 38.0



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: 9.307 ppbv

RT: 6.89 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VL039322.D

Acq: 22 Jun 2022 15:44

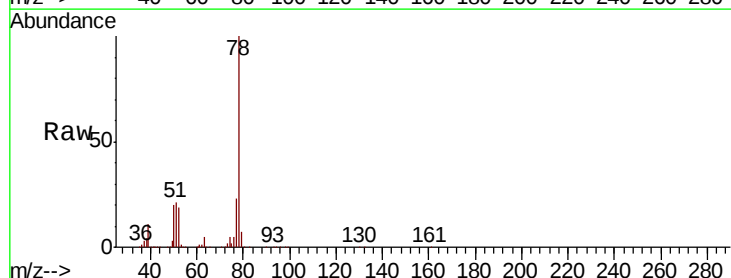
Tgt Ion: 78 Resp: 2655517

Ion Ratio Lower Upper

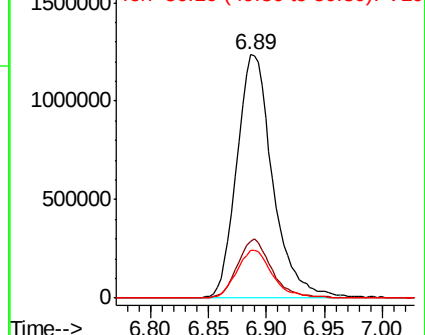
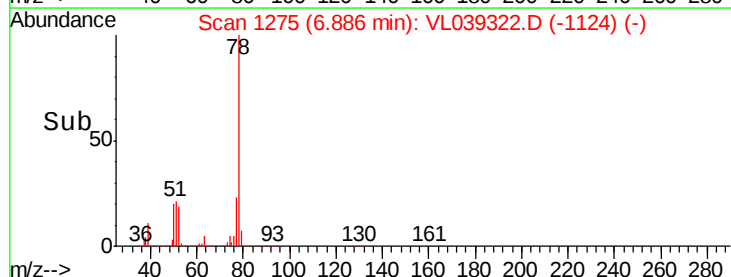
78 100

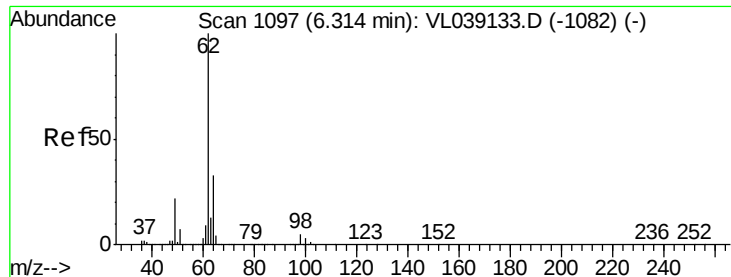
77 23.1 18.6 27.8

50 19.8 15.8 23.8



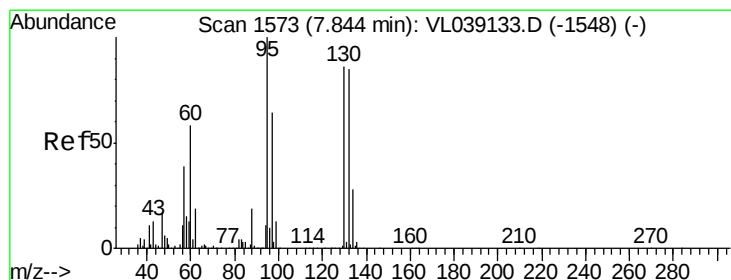
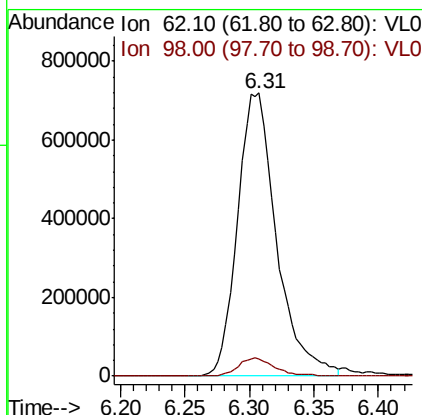
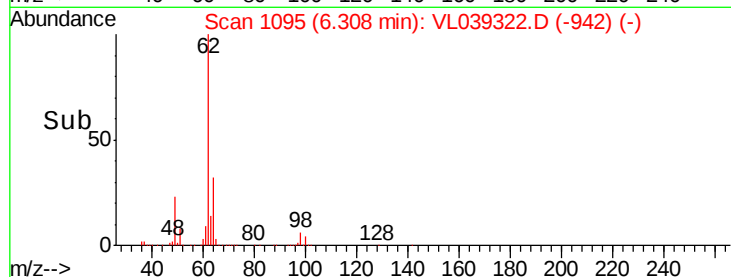
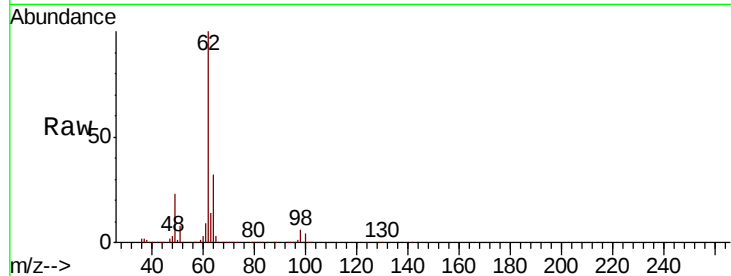
Abundance Ion 78.10 (77.80 to 78.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0





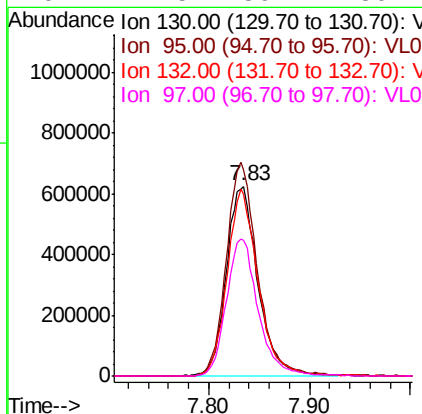
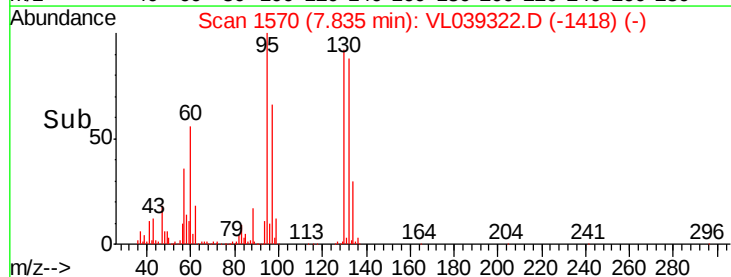
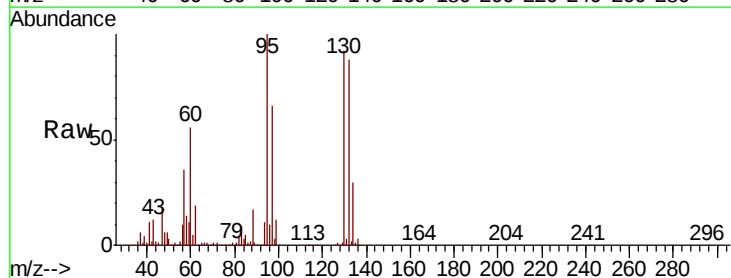
#37
 1,2-Dichloroethane
 Concen: 8.105 ppbv
 RT: 6.31
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0622ABS01
 Acq: 22 Jun 2022 15:44

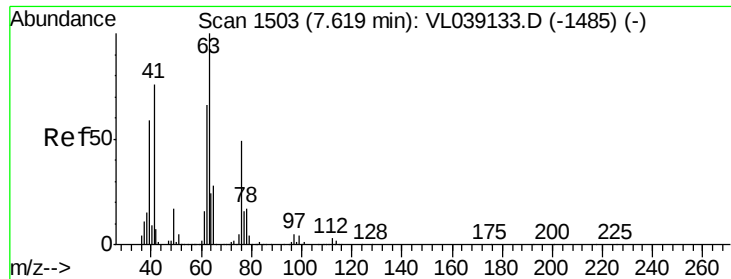
Tot Ion: 62 Resp: 1522006
 Ion Ratio Lower Upper
 62 100
 98 6.4 4.3 6.5



#38
 Trichloroethene
 Concen: 10.315 ppbv
 RT: 7.83 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: VL039322.D
 Acq: 22 Jun 2022 15:44

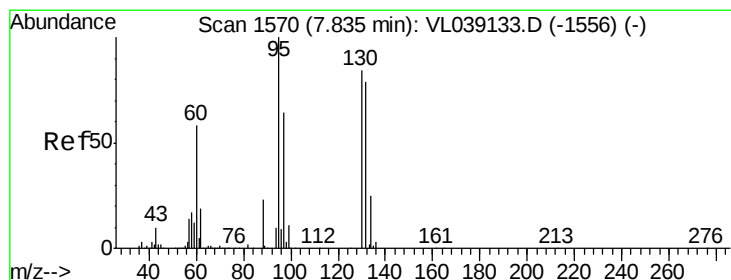
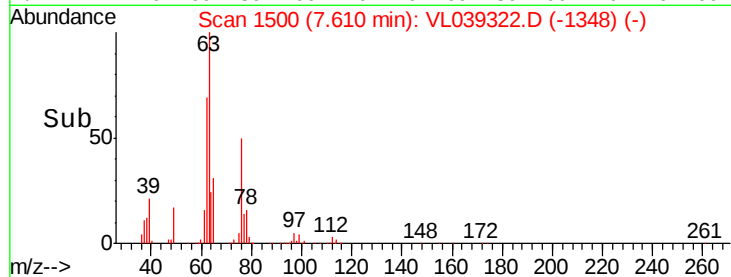
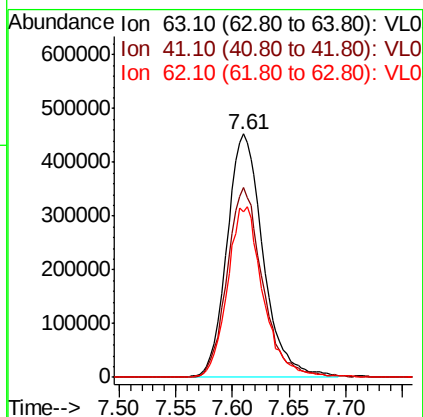
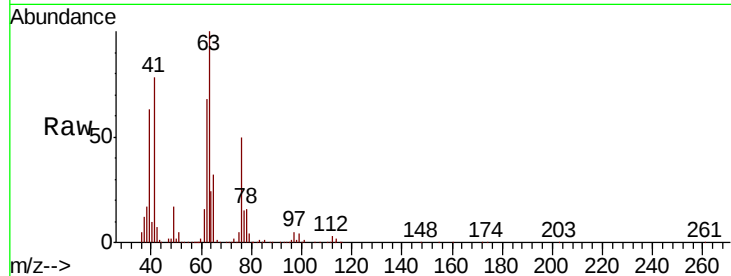
Tgt Ion:130 Resp: 1351849
 Ion Ratio Lower Upper
 130 100
 95 108.7 93.3 139.9
 132 95.9 79.0 118.4
 97 71.5 59.4 89.2





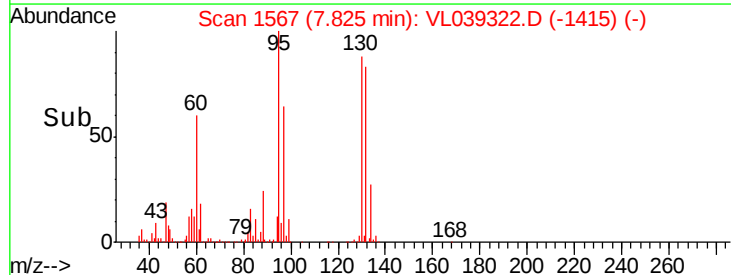
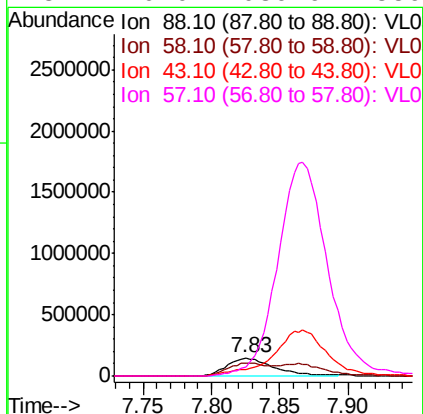
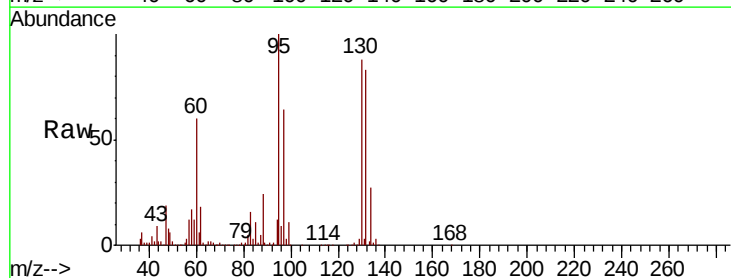
#39
 1,2-Dichloropropane
 Concen: 8.861 ppbv
 RT: 7.61
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 VL0622ABS01
 Acq: 22 Jun 2022 15:44

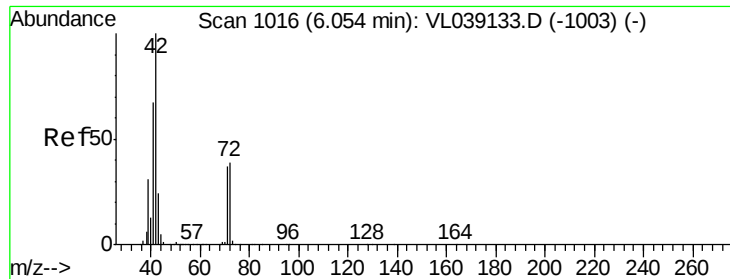
Tot Ion: 63 Resp: 1005673
 Ion Ratio Lower Upper
 63 100
 41 77.9 60.8 91.2
 62 68.1 52.9 79.3



#40
 1,4-Dioxane
 Concen: 9.337 ppbv
 RT: 7.83 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: VL039322.D
 Acq: 22 Jun 2022 15:44

Tgt Ion: 88 Resp: 348857
 Ion Ratio Lower Upper
 88 100
 58 62.7 111.2 166.8#
 43 0.0 234.2 351.4#
 57 0.0 1039.9 1559.9#

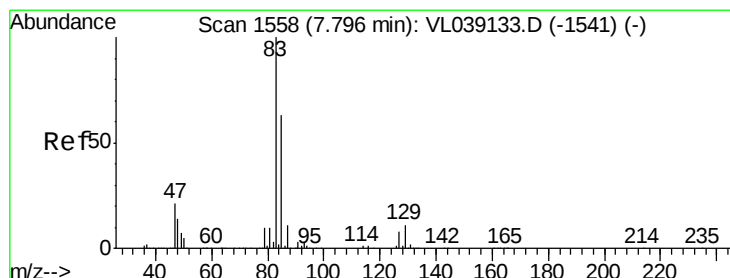
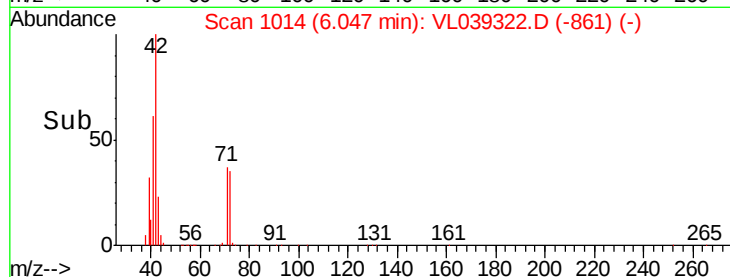
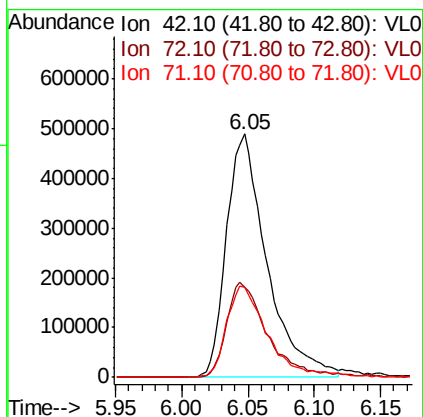
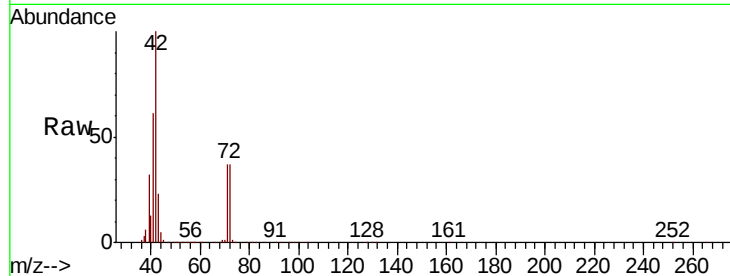




#41
Tetrahydrofuran
Concen: 9.059 ppbv
RT: 6.05
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL0622ABS01
Acq: 22 Jun 2022 15:44

Tot Ion: 42 Resp: 1040329

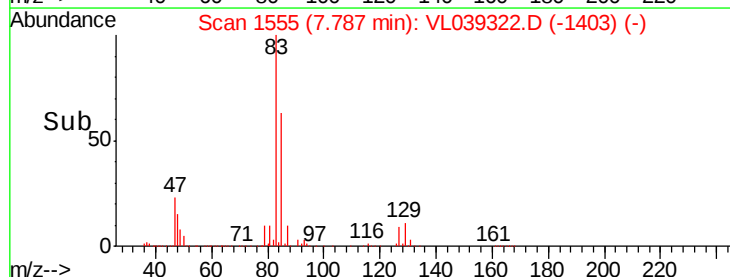
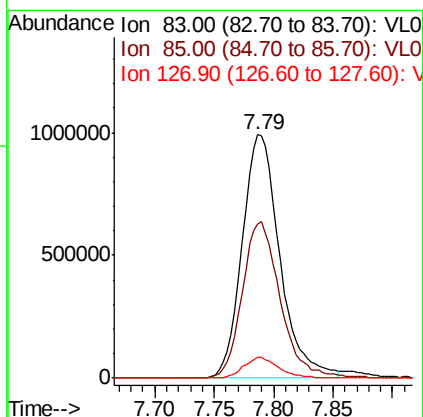
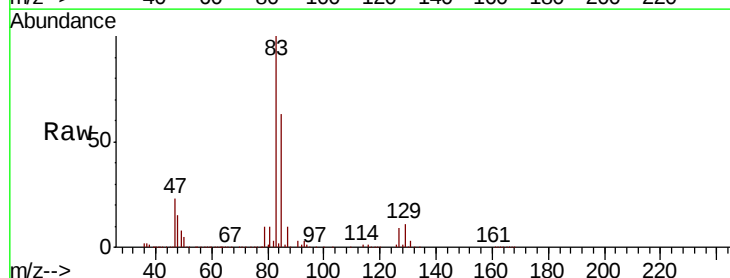
Ion	Ratio	Lower	Upper
42	100		
72	39.8	32.0	48.0
71	38.8	31.1	46.7

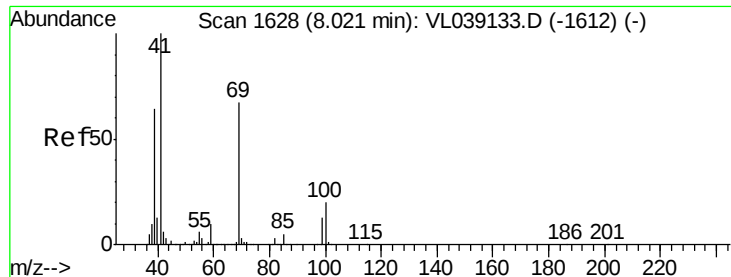


#42
Bromodichloromethane
Concen: 8.347 ppbv
RT: 7.79 min Scan# 1555
Delta R.T. -0.01 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

Tgt Ion: 83 Resp: 2175441

Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.2	75.4
127	8.6	6.6	9.8





#43

Methyl Methacrylate

Concen: 9.657 ppbv

RT: 8.01

Instrument: MSVOA_1

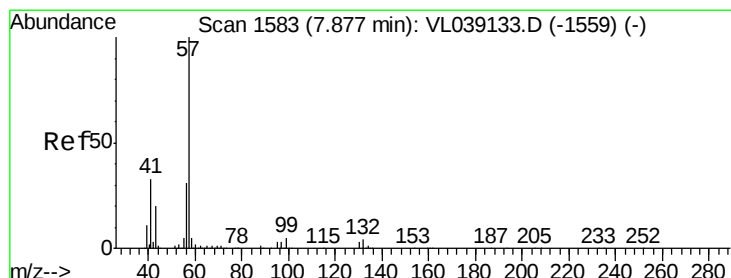
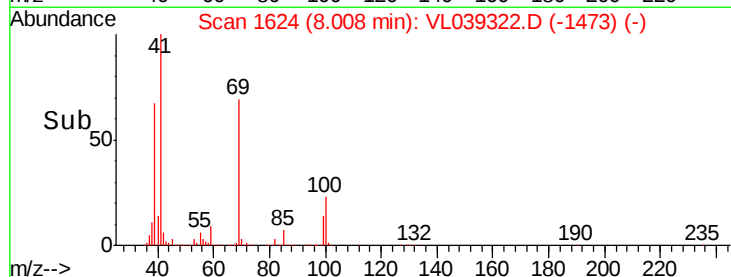
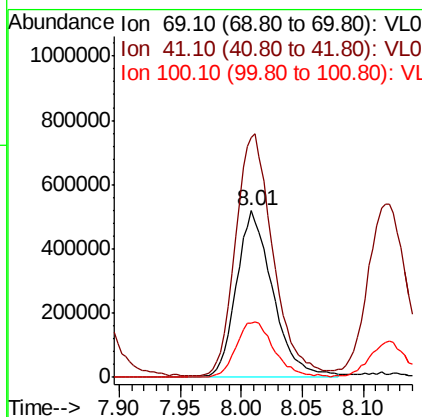
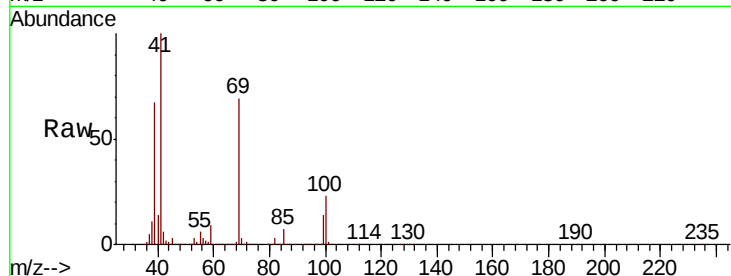
Delta R.T.

Lab File: ClientSampleId: VL0622ABS01

Acq: 22 Jun 2022 15:44

Tot Ion: 69 Resp: 1073258

Ion	Ratio	Lower	Upper
69	100		
41	150.9	121.9	182.9
100	34.5	24.1	36.1



#44

2,2,4-Trimethylpentane

Concen: 8.915 ppbv

RT: 7.87 min Scan# 1580

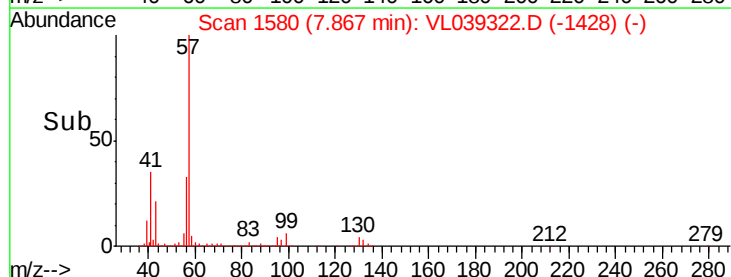
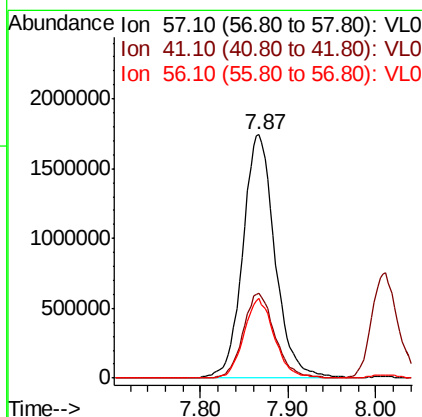
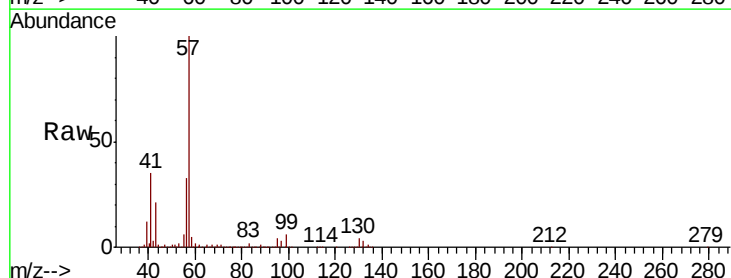
Delta R.T. -0.01 min

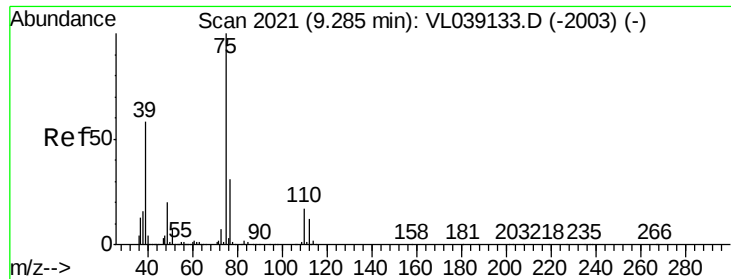
Lab File: VL039322.D

Acq: 22 Jun 2022 15:44

Tgt Ion: 57 Resp: 4450145

Ion	Ratio	Lower	Upper
57	100		
41	34.5	26.2	39.4
56	31.3	24.7	37.1





#45

t-1,3-Dichloropropene

Concen: 9.069 ppbv

RT: 9.28 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

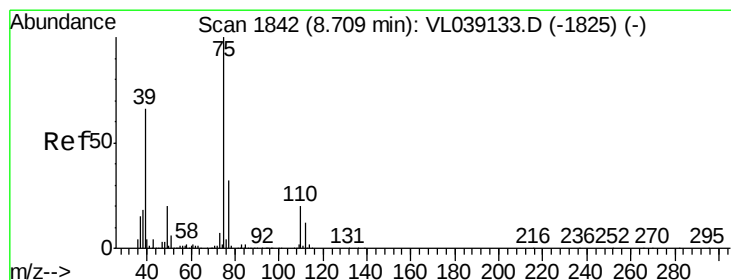
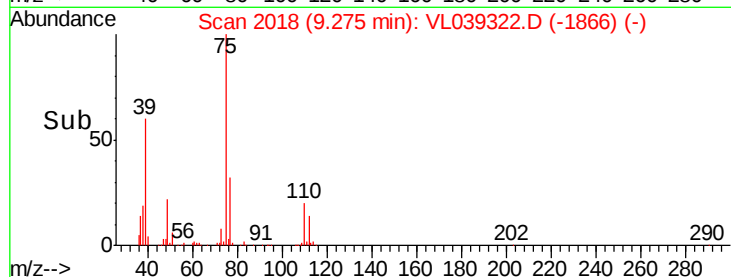
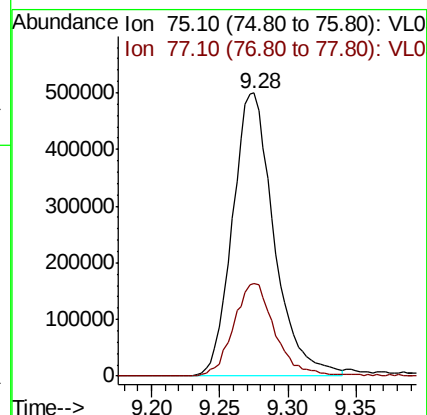
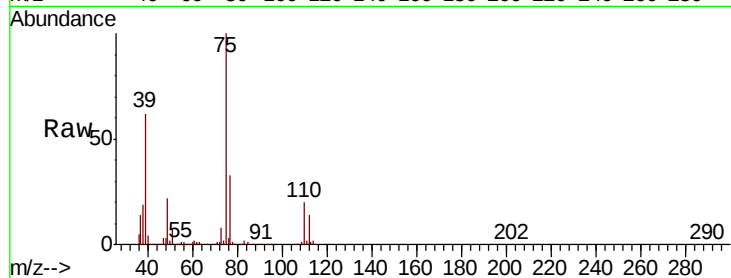
Acq: 22 Jun 2022 15:44 VL0622ABS01

Tot Ion: 75 Resp: 1049786

Ion Ratio Lower Upper

75 100

77 32.6 24.4 36.6



#46

cis-1,3-Dichloropropene

Concen: 9.130 ppbv

RT: 8.70 min Scan# 1839

Delta R.T. -0.01 min

Lab File: VL039322.D

Acq: 22 Jun 2022 15:44

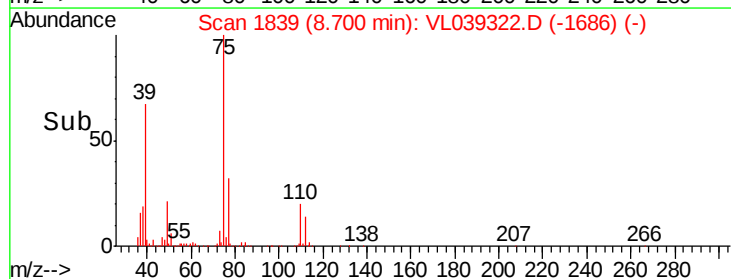
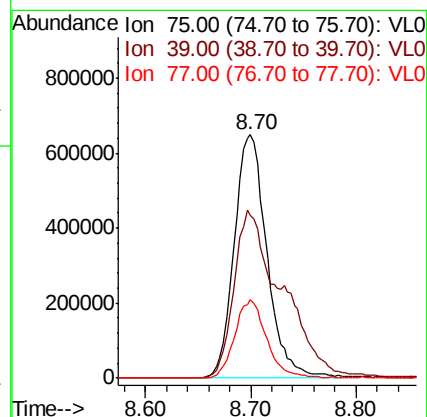
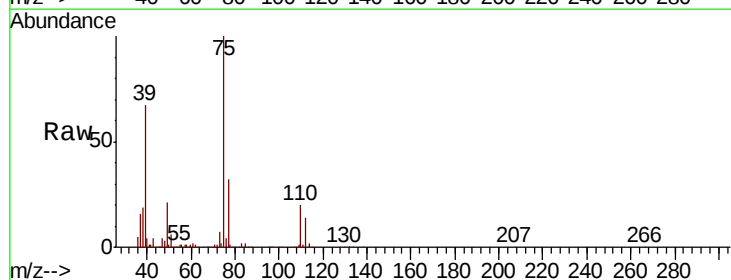
Tgt Ion: 75 Resp: 1396044

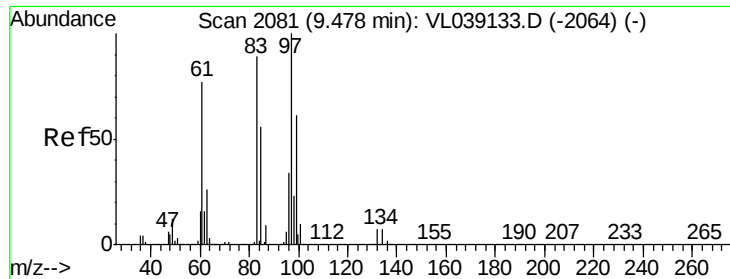
Ion Ratio Lower Upper

75 100

39 66.9 52.4 78.6

77 32.1 25.5 38.3

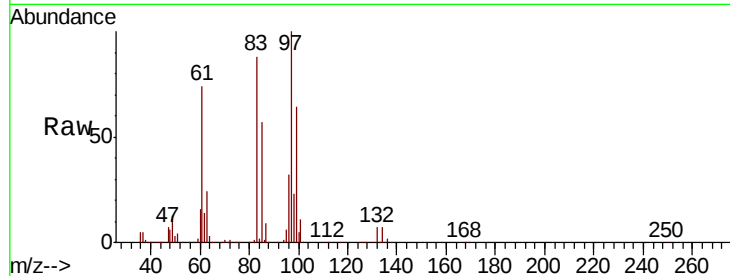




#47
 1,1,2-Trichloroethane
 Concen: 9.354 ppbv
 RT: 9.47
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0622ABS01
 Acq: 22 Jun 2022 15:44

Tot Ion: 97 Resp: 1107550

Ion	Ratio	Lower	Upper
97	100		
83	88.3	71.6	107.4
85	57.1	44.8	67.2
99	64.3	49.0	73.4



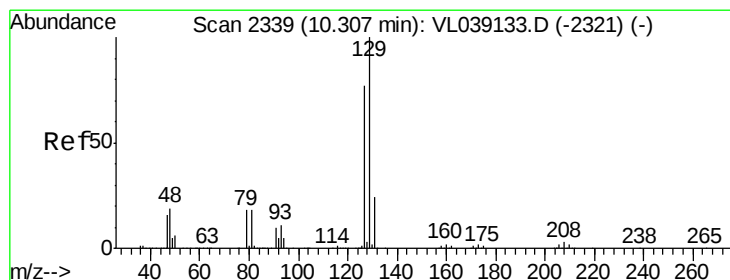
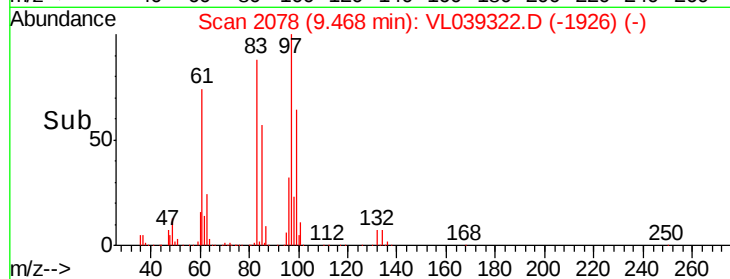
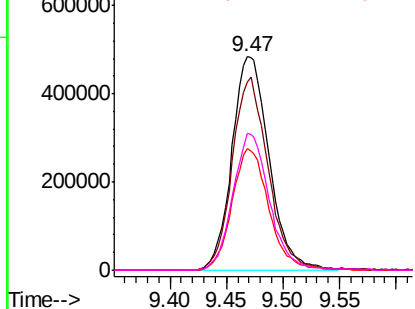
Abundance

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

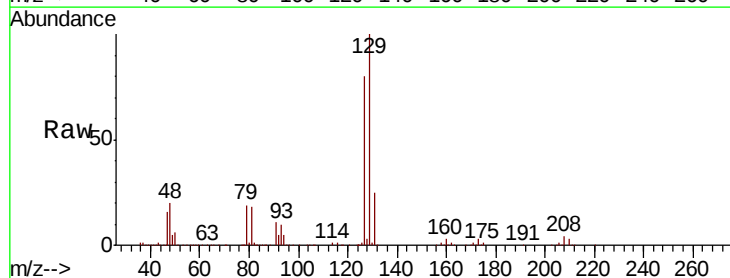
Ion 99.00 (98.70 to 99.70): VL0



#48
 Dibromochloromethane
 Concen: 9.101 ppbv
 RT: 10.30 min Scan# 2336
 Delta R.T. -0.01 min
 Lab File: VL039322.D
 Acq: 22 Jun 2022 15:44

Tgt Ion: 129 Resp: 1924216

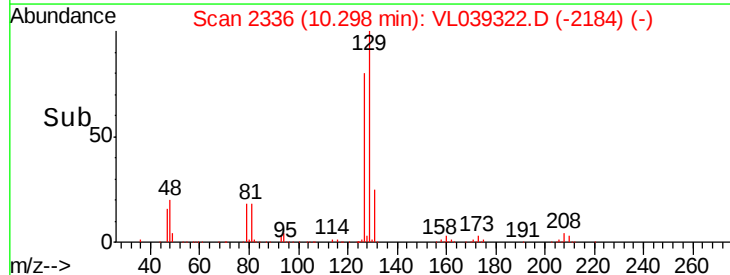
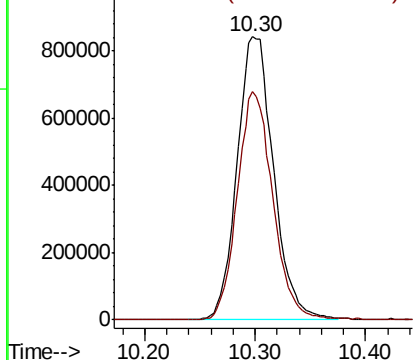
Ion	Ratio	Lower	Upper
129	100		
127	79.2	40.0	119.9

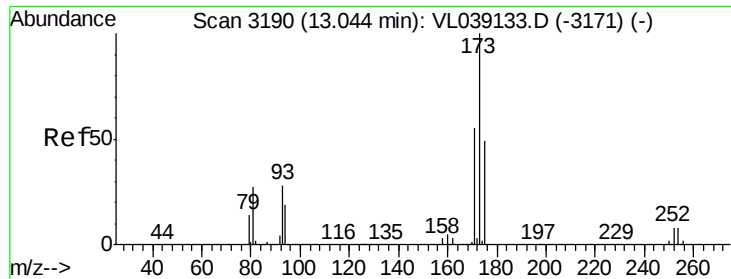


Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 9.243 ppbv

RT: 13.04

Delta R.T.

Lab File:

Acq: 22 Jun 2022

Instrument:

MSVOA_L

ClientSampleId:

VL0622ABS01

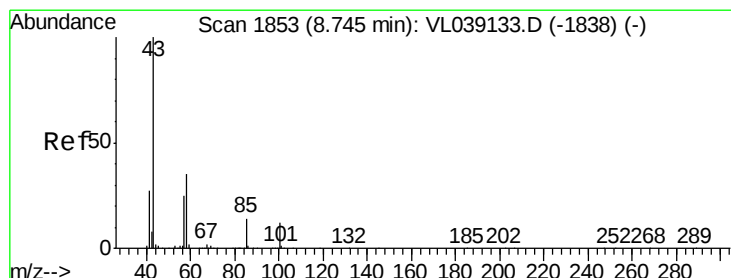
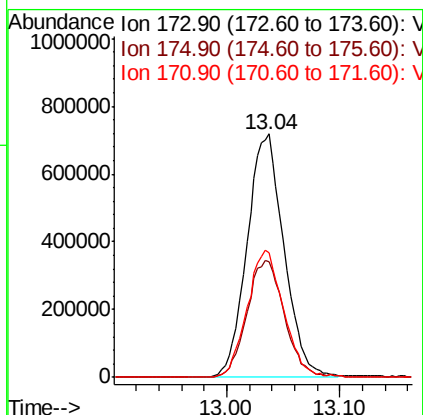
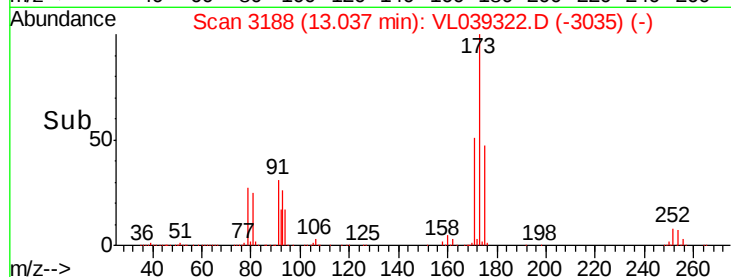
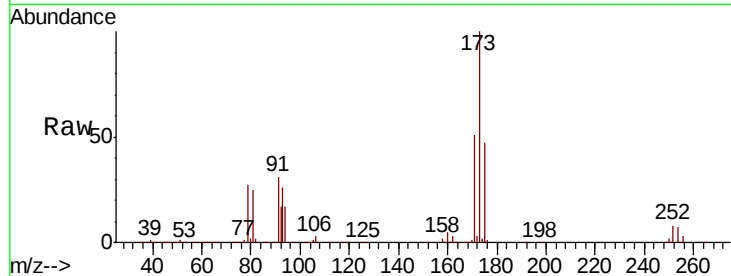
Tot Ion:173 Resp: 1628493

Ion Ratio Lower Upper

173 100

175 49.1 40.2 60.2

171 51.5 43.9 65.9



#50

4-Methyl-2-Pentanone

Concen: 9.578 ppbv

RT: 8.73 min Scan# 1849

Delta R.T. -0.01 min

Lab File: VL039322.D

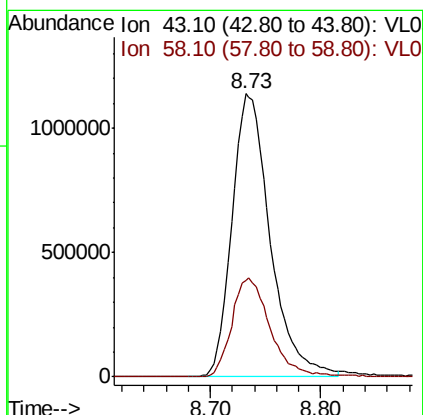
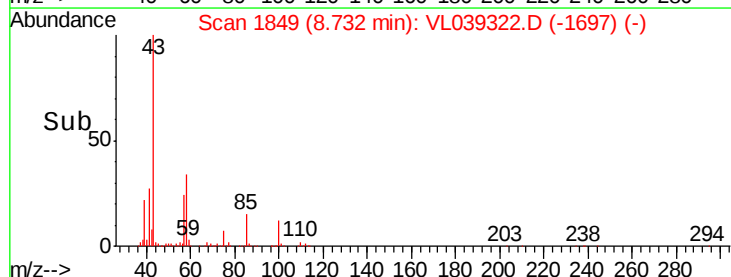
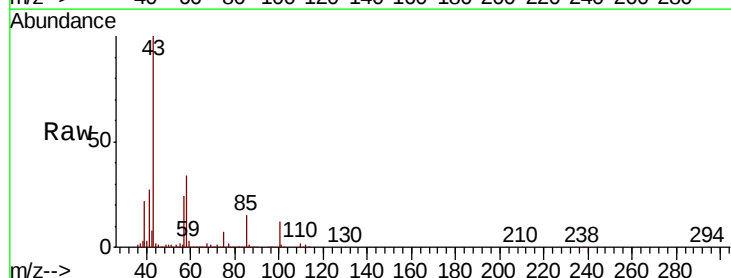
Acq: 22 Jun 2022 15:44

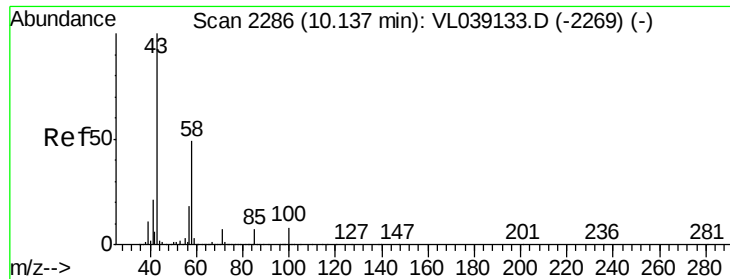
Tgt Ion: 43 Resp: 2737396

Ion Ratio Lower Upper

43 100

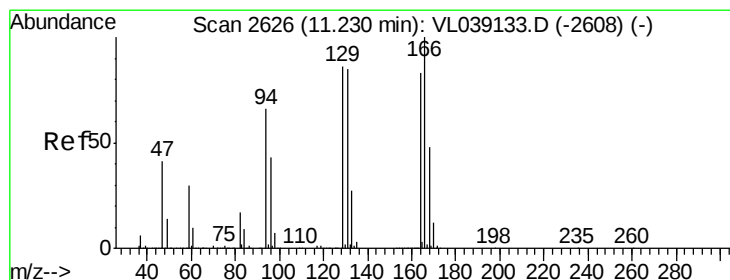
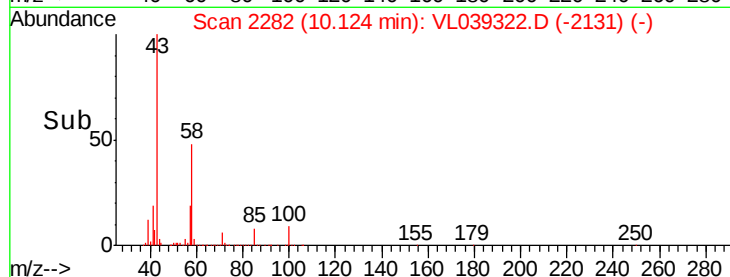
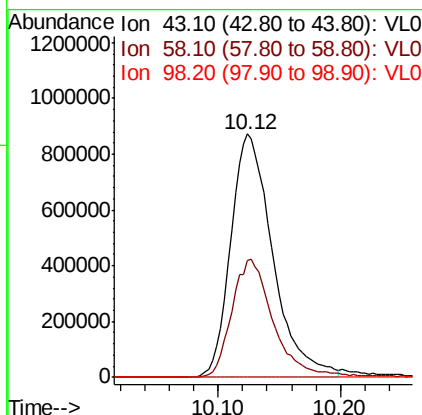
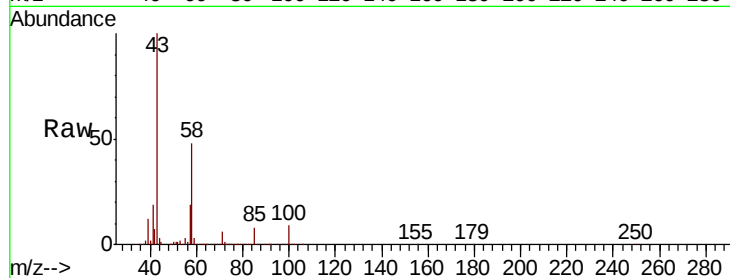
58 35.6 28.7 43.1





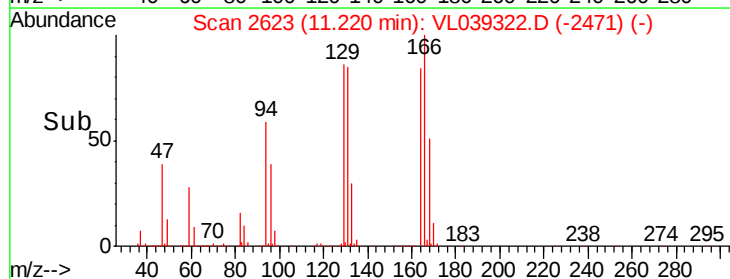
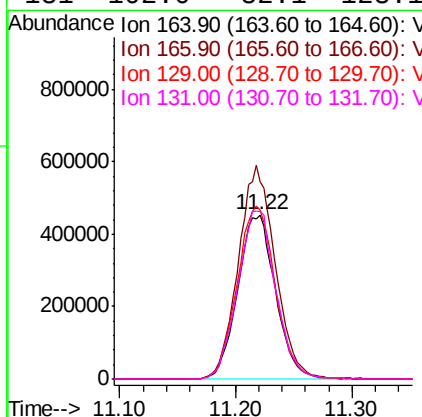
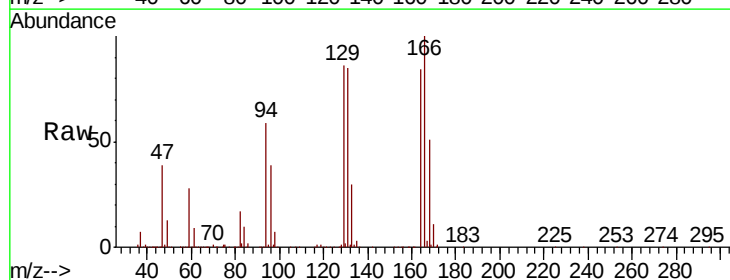
#51
2-Hexanone
Concen: 9.365 ppbv
RT: 10.12
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 22 Jun 2022 15:44

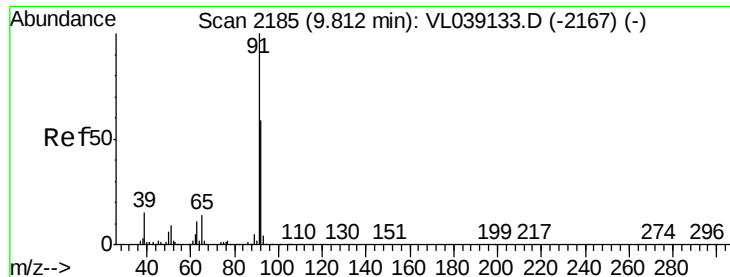
Tot Ion: 43 Resp: 2082858
Ion Ratio Lower Upper
43 100
58 48.6 40.0 60.0
98 0.3 0.1 0.1#



#52
Tetrachloroethene
Concen: 9.168 ppbv
RT: 11.22 min Scan# 2623
Delta R.T. -0.01 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

Tgt Ion:164 Resp: 1021389
Ion Ratio Lower Upper
164 100
166 119.7 96.3 144.5
129 102.8 82.5 123.7
131 102.0 82.1 123.1





#53

Toluene

Concen: 9.726 ppbv

RT: 9.80 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

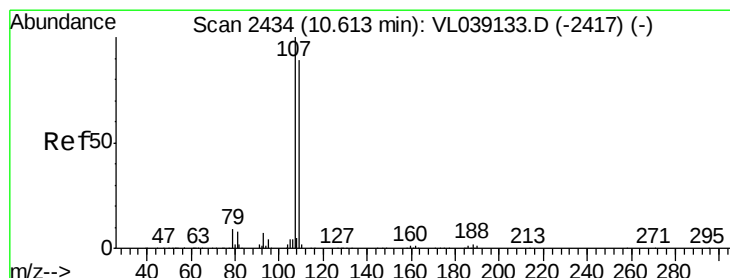
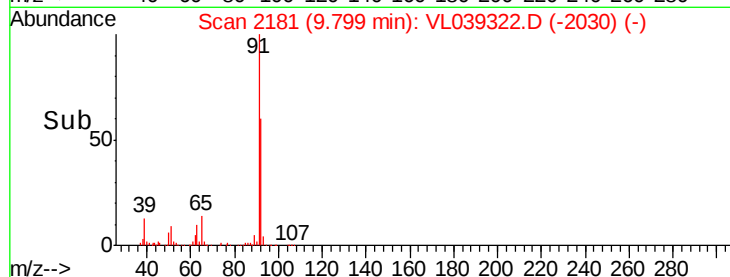
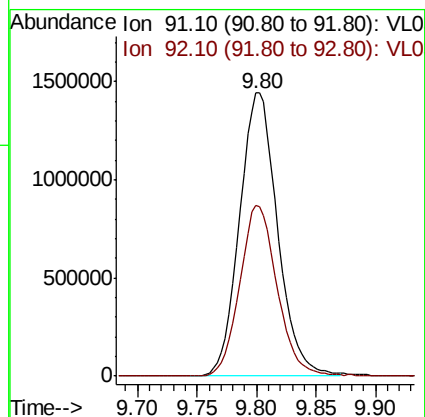
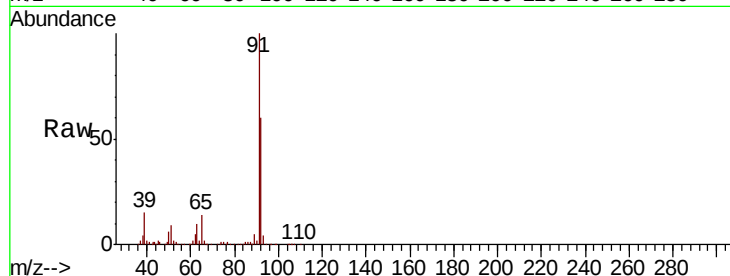
Acq: 22 Jun 2022 15:44 VL0622ABS01

Tot Ion: 91 Resp: 3195730

Ion Ratio Lower Upper

91 100

92 59.6 48.1 72.1



#54

1,2-Dibromoethane

Concen: 9.252 ppbv

RT: 10.60 min Scan# 2431

Delta R.T. -0.01 min

Lab File: VL039322.D

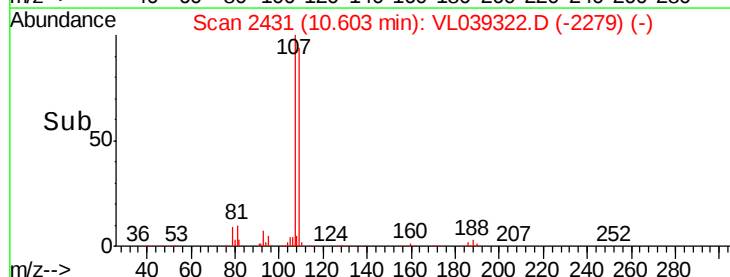
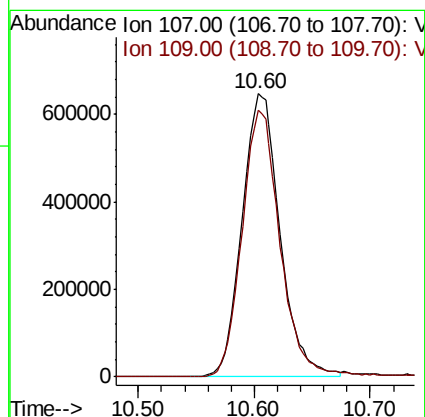
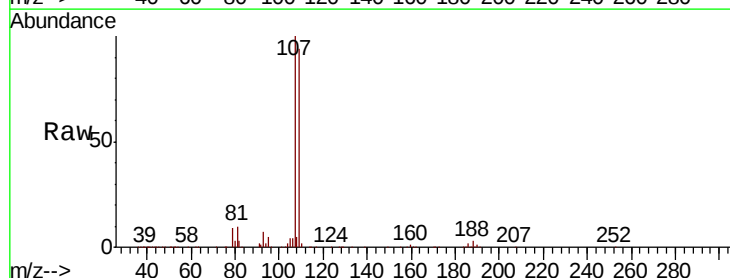
Acq: 22 Jun 2022 15:44

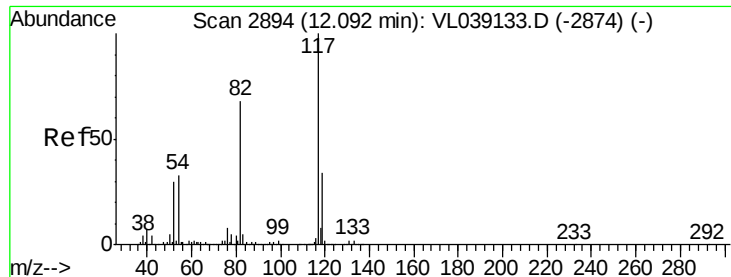
Tgt Ion: 107 Resp: 1472036

Ion Ratio Lower Upper

107 100

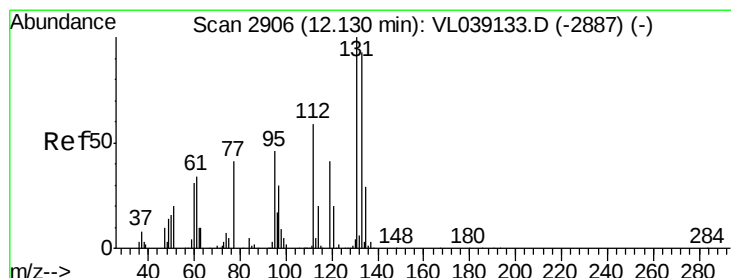
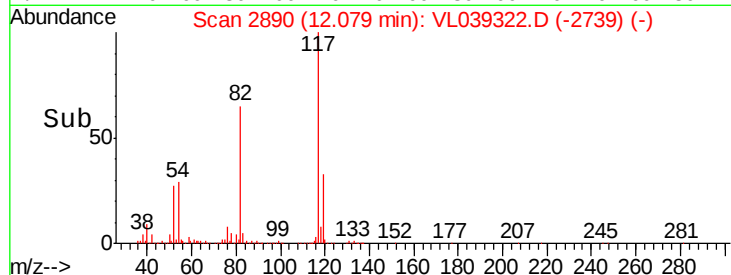
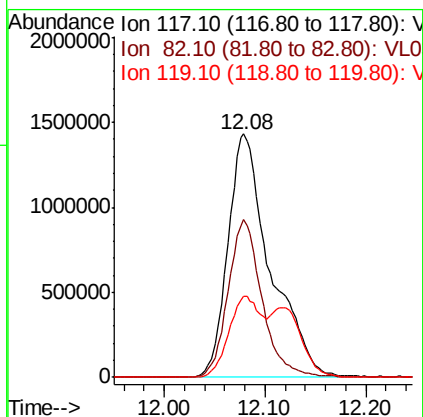
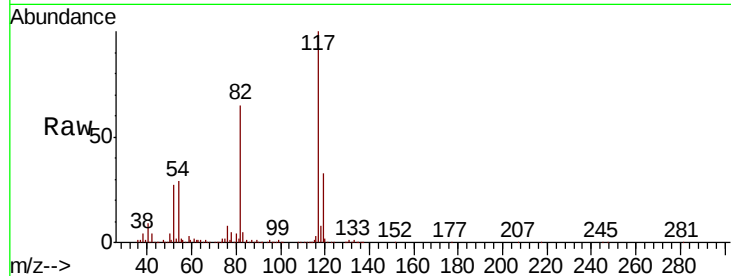
109 94.1 71.4 107.0





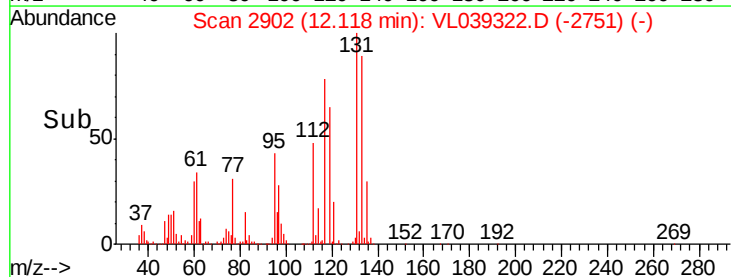
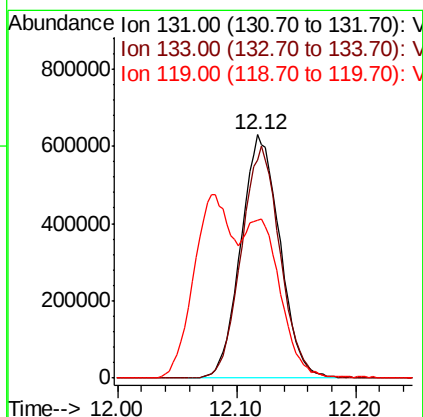
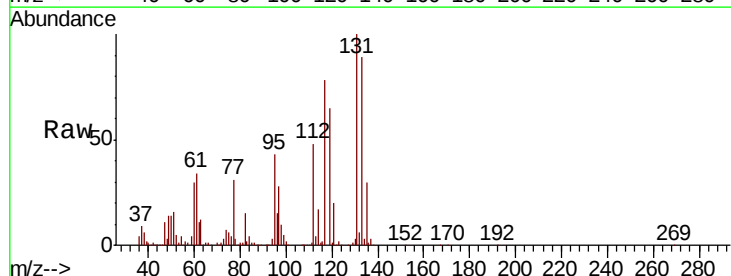
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0622ABS01
Acq: 22 Jun 2022 15:44

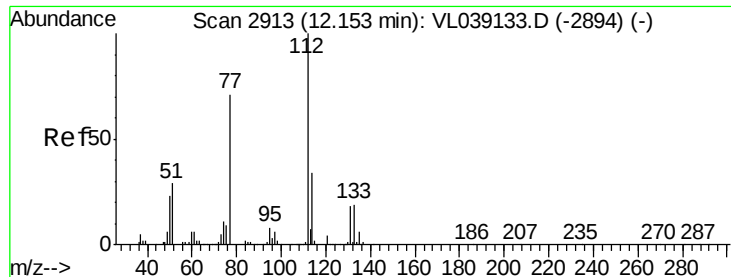
Tot Ion:117 Resp: 4187306
Ion Ratio Lower Upper
117 100
82 52.0 55.1 82.7#
119 47.3 24.7 37.1#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.208 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. -0.01 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

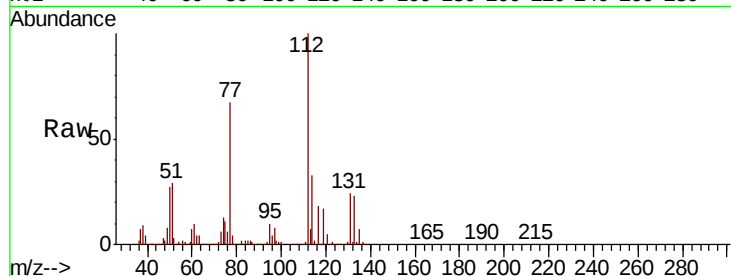
Tgt Ion:131 Resp: 1428174
Ion Ratio Lower Upper
131 100
133 94.5 78.6 117.8
119 61.8 51.7 77.5



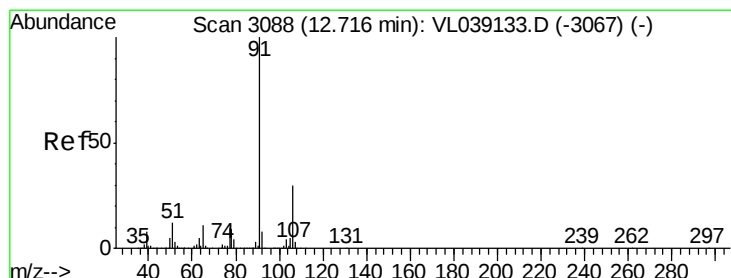
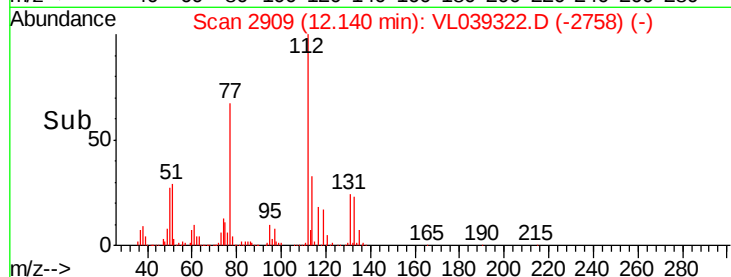
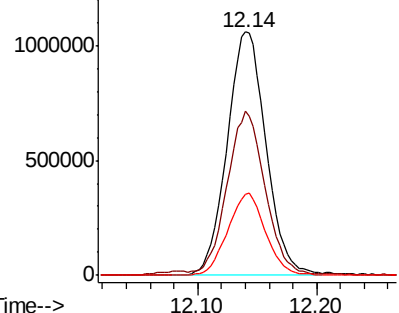


#57
Chlorobenzene
Concen: 7.609 ppbv
RT: 12.14 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0622ABS01
Acq: 22 Jun 2022 15:44

Tot Ion: 112 Resp: 2397379
Ion Ratio Lower Upper
112 100
77 66.9 56.5 84.7
114 33.1 30.3 37.1

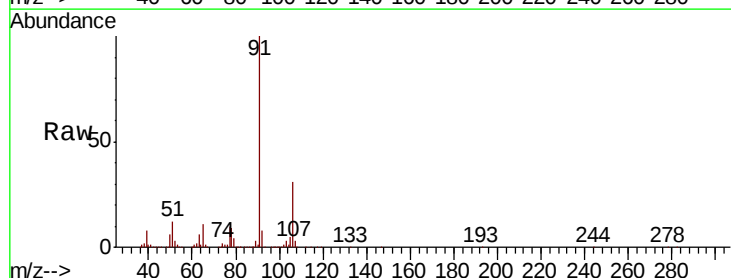


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

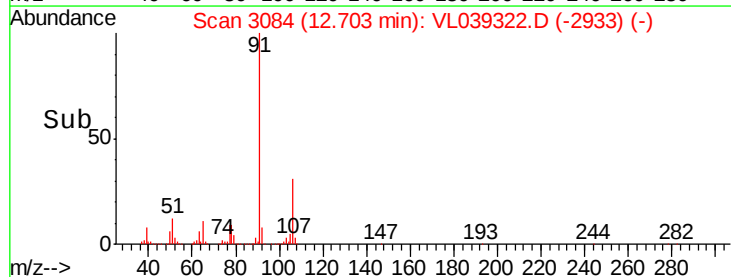
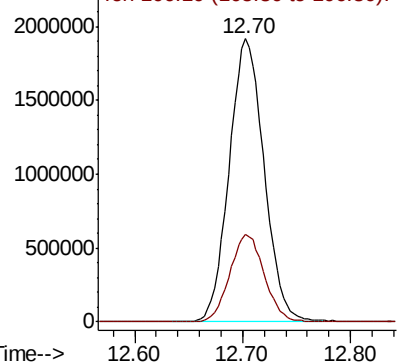


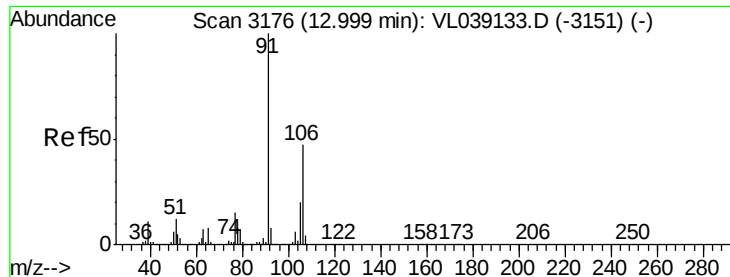
#58
Ethyl Benzene
Concen: 7.465 ppbv
RT: 12.70 min Scan# 3084
Delta R.T.: -0.01 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

Tgt Ion: 91 Resp: 4305494
Ion Ratio Lower Upper
91 100
106 30.8 24.2 36.4



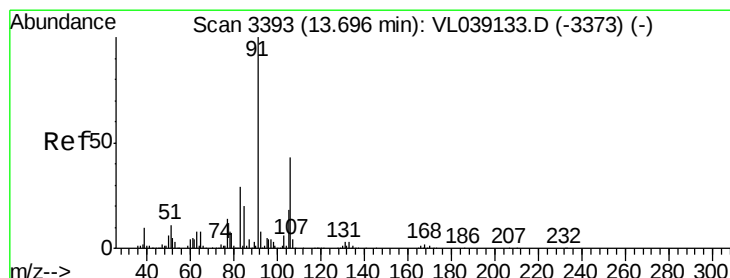
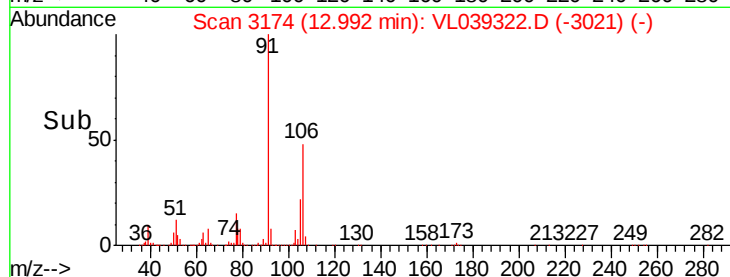
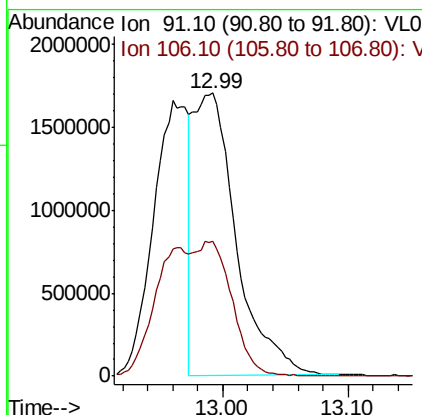
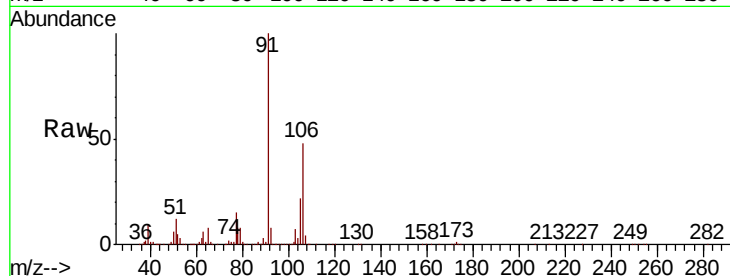
Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V





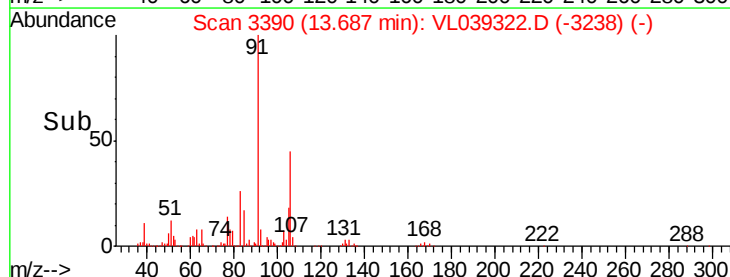
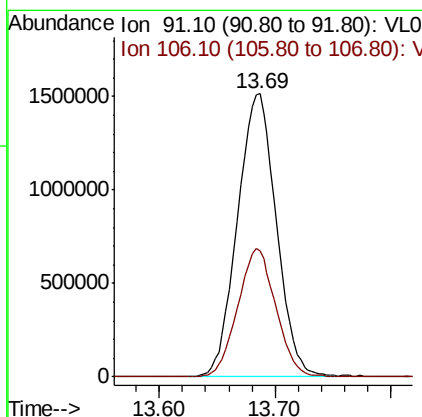
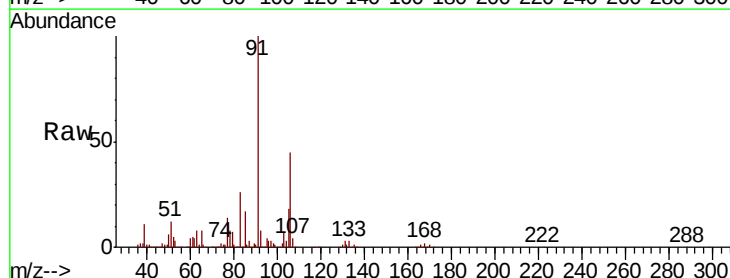
#59
m/p-Xylene
Concen: 7.929 ppbv
RT: 12.99 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0622ABS01
Acq: 22 Jun 2022 15:44

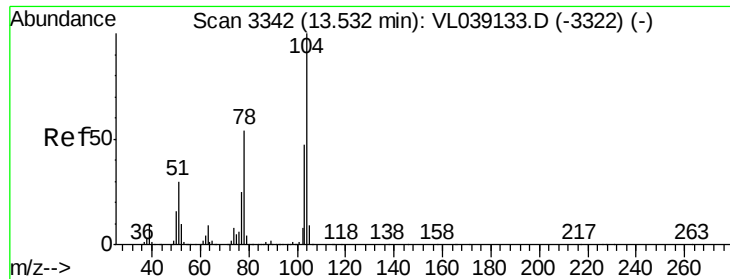
Tot Ion: 91 Resp: 4027484
Ion Ratio Lower Upper
91 100
106 80.0 34.3 51.5#



#60
o-Xylene
Concen: 7.386 ppbv
RT: 13.69 min Scan# 3390
Delta R.T. -0.01 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

Tgt Ion: 91 Resp: 3525220
Ion Ratio Lower Upper
91 100
106 44.4 22.3 66.9

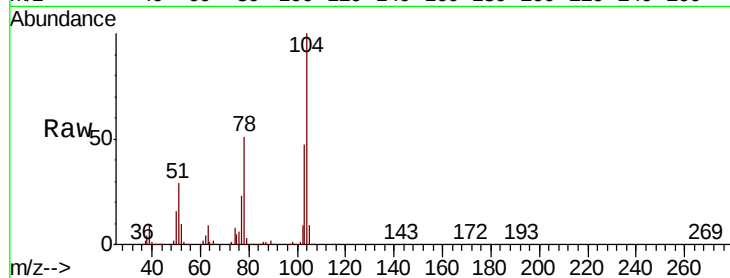




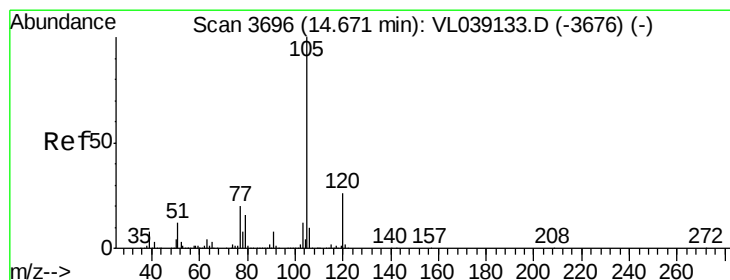
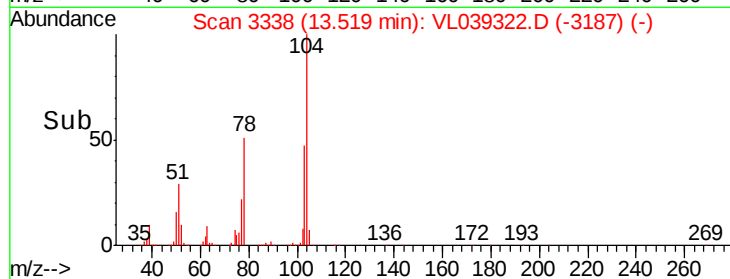
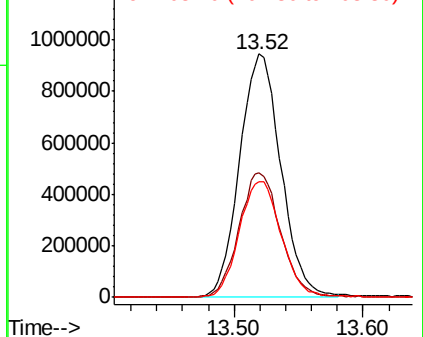
#61
Stvrene
Concen: 8.234 ppbv
RT: 13.52
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0622ABS01
Acq: 22 Jun 2022 13:44

Tot Ion:104 Resp: 2104428

Ion	Ratio	Lower	Upper
104	100		
78	51.8	45.7	68.5
103	48.9	39.6	59.4



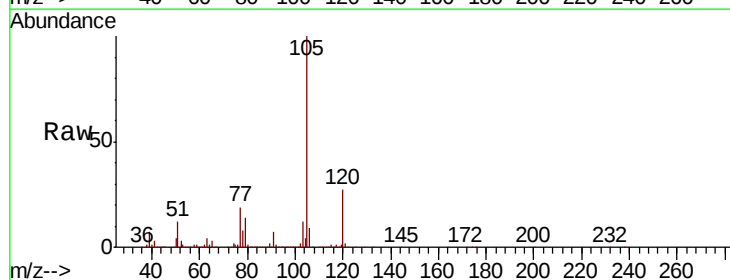
Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VL0
Ion 103.10 (102.80 to 103.80): V



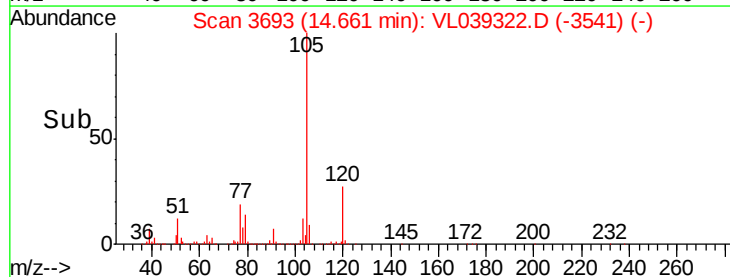
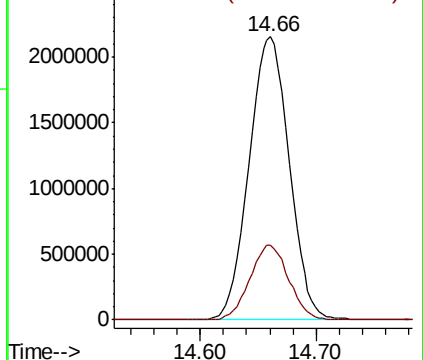
#62
Isopropylbenzene
Concen: 7.326 ppbv
RT: 14.66 min Scan# 3693
Delta R.T. -0.01 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

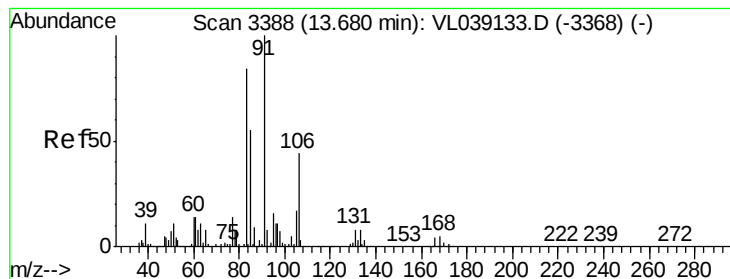
Tgt Ion:105 Resp: 5196773

Ion	Ratio	Lower	Upper
105	100		
120	25.8	20.3	30.5



Abundance Ion 105.10 (104.80 to 105.80): V
Ion 120.20 (119.90 to 120.90): V





#63

1,1,2,2-Tetrachloroethane

Concen: 6.519 ppbv

RT: 13.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 22 Jun 2022 15:44

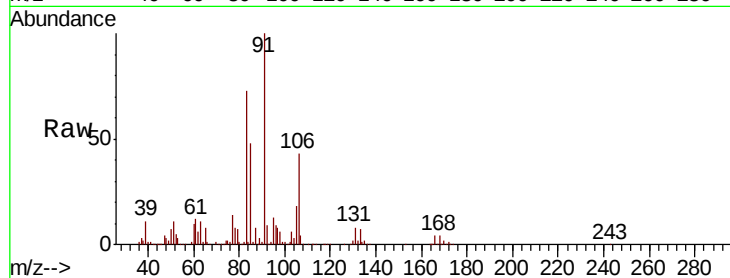
Tot Ion: 83 Resp: 1746402

Ion Ratio Lower Upper

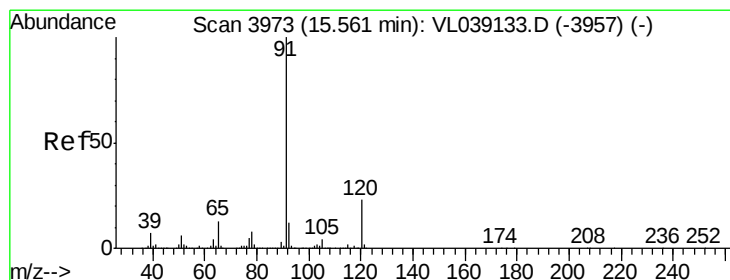
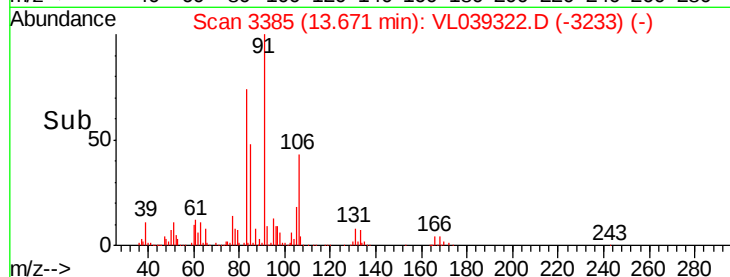
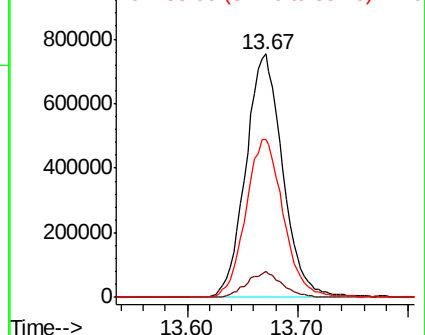
83 100

131 10.3 4.8 14.3

85 66.3 33.0 99.0



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 131.00 (130.70 to 131.70): V
Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 7.794 ppbv

RT: 15.55 min Scan# 3970

Delta R.T. -0.01 min

Lab File: VL039322.D

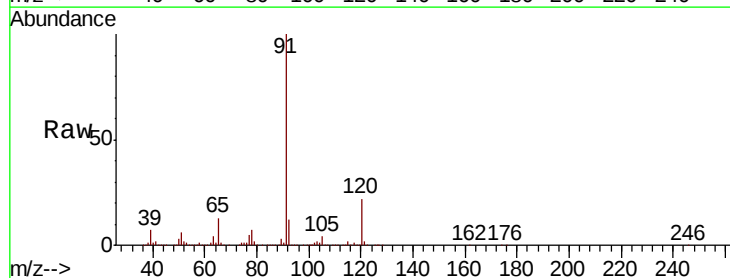
Acq: 22 Jun 2022 15:44

Tgt Ion:120 Resp: 1359127

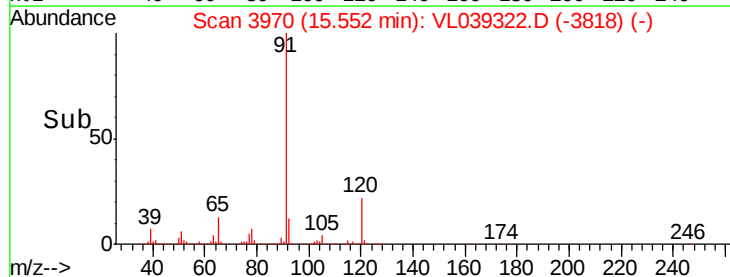
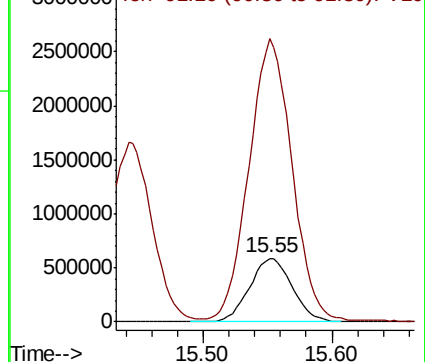
Ion Ratio Lower Upper

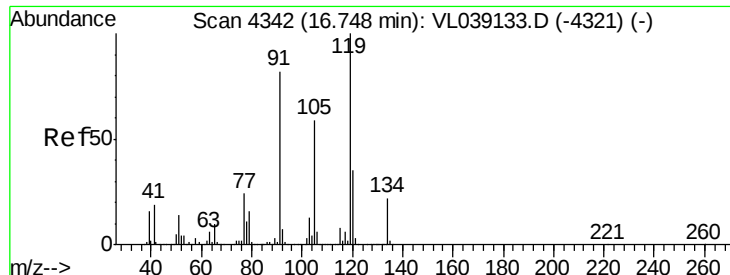
120 100

91 452.4 388.4 582.6



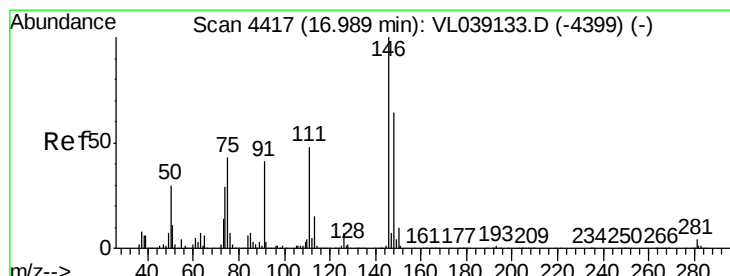
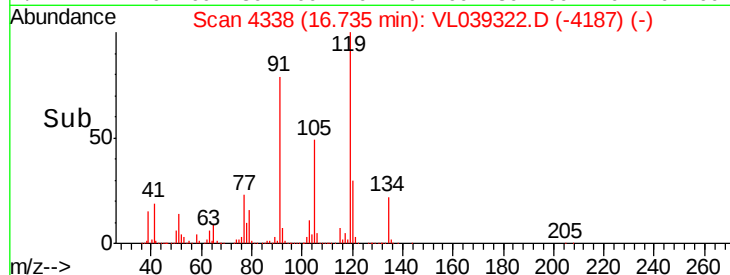
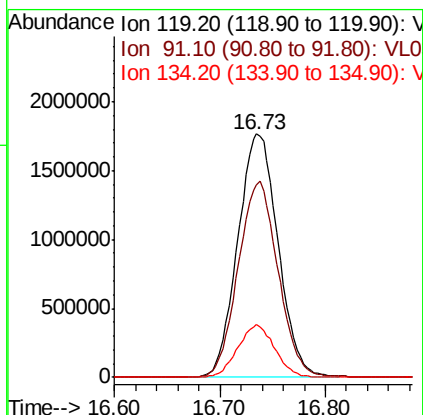
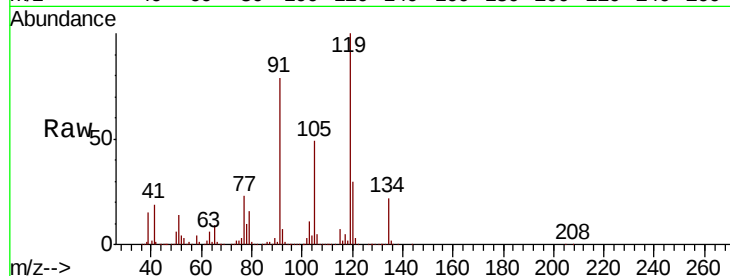
Abundance Ion 120.20 (119.90 to 120.90): V
Ion 91.10 (90.80 to 91.80): VL0





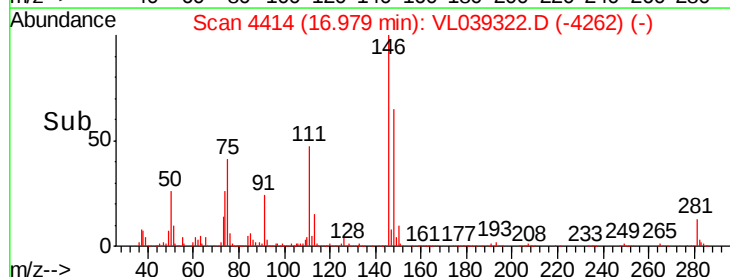
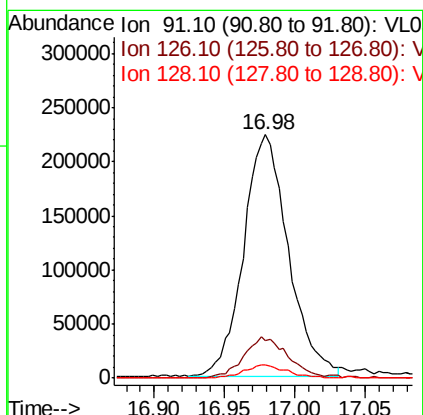
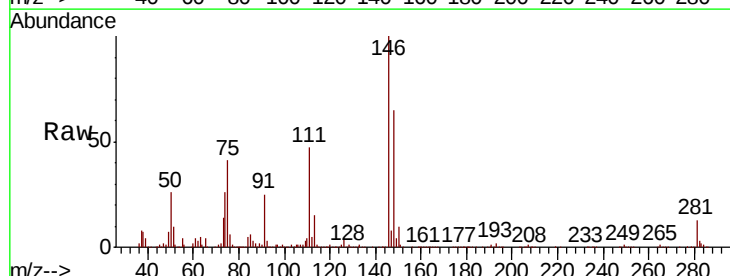
#65
tert-Butylbenzene
Concen: 7.226 ppbv
RT: 16.73 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0622ABS01
Acq: 22 Jun 2022 15:44

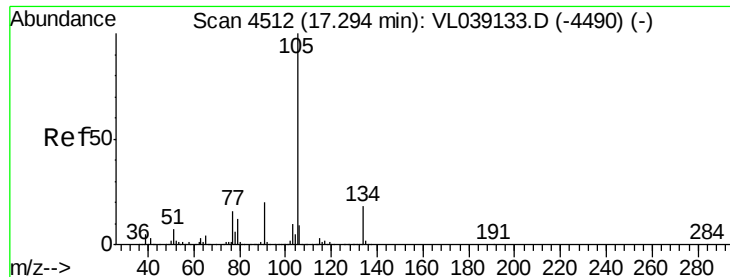
Tot Ion: 119 Resp: 4687029
Ion Ratio Lower Upper
119 100
91 80.1 67.1 100.7
134 19.9 15.8 23.8



#66
Benzyl Chloride
Concen: 5.929 ppbv
RT: 16.98 min Scan# 4414
Delta R.T.: -0.01 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

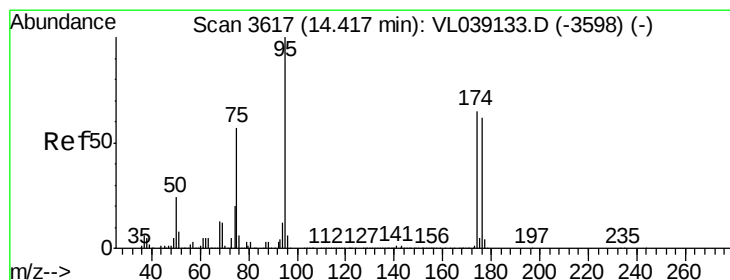
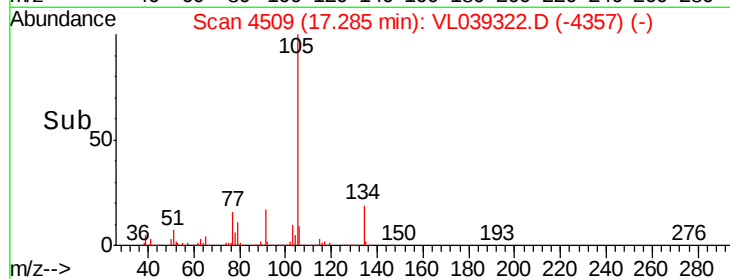
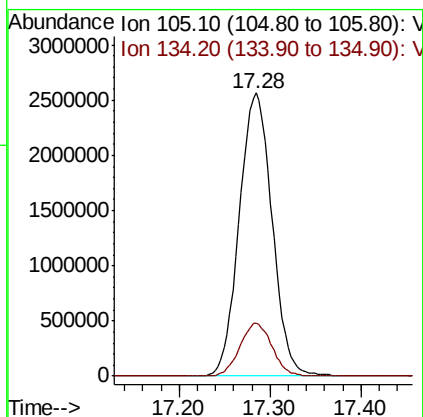
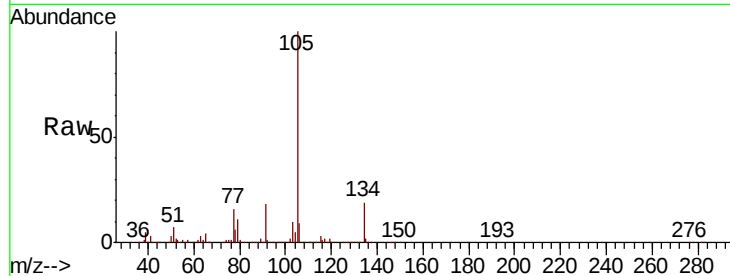
Tgt Ion: 91 Resp: 500034
Ion Ratio Lower Upper
91 100
126 17.1 13.4 20.0
128 5.2 4.1 6.1





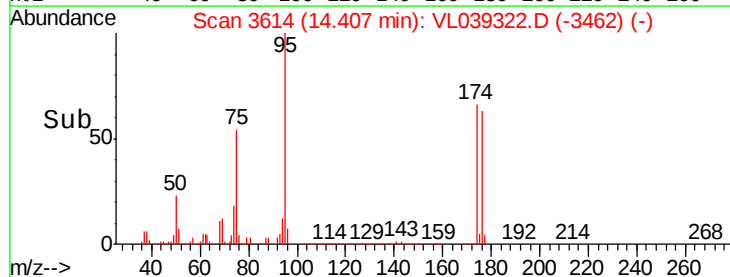
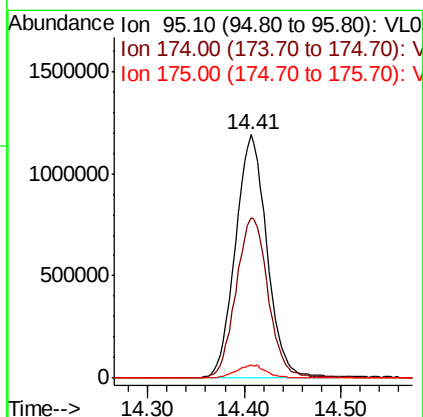
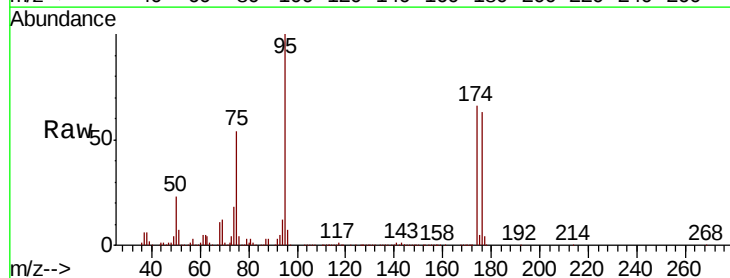
#67
 sec-Butylbenzene
 Concen: 7.265 ppbv
 RT: 17.28 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0622ABS01
 Acq: 22 Jun 2022 15:44

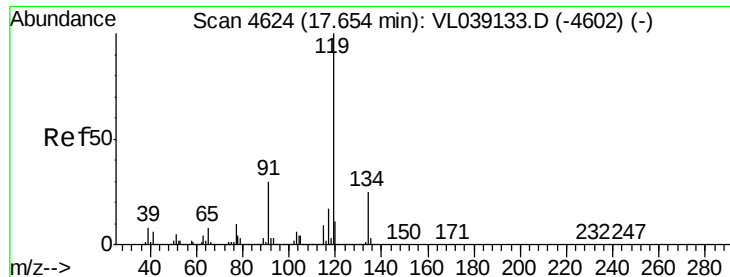
Tot Ion: 105 Resp: 6429959
 Ion Ratio Lower Upper
 105 100
 134 18.4 14.4 21.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 7.806 ppbv
 RT: 14.41 min Scan# 3614
 Delta R.T.: -0.01 min
 Lab File: VL039322.D
 Acq: 22 Jun 2022 15:44

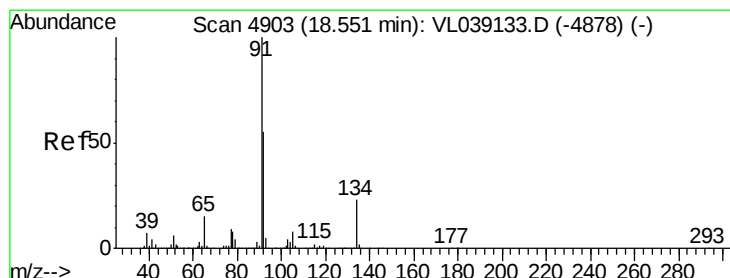
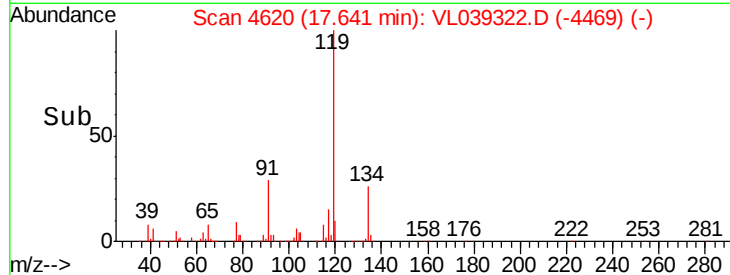
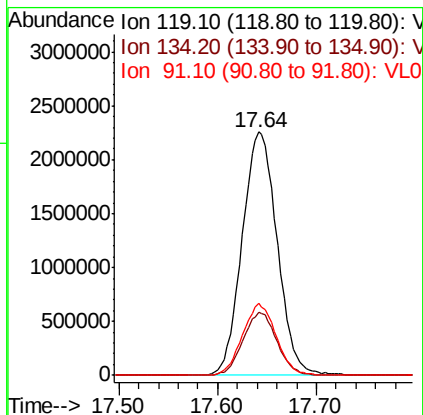
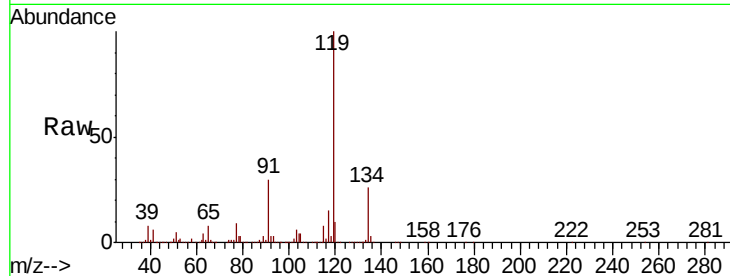
Tgt Ion: 95 Resp: 2702330
 Ion Ratio Lower Upper
 95 100
 174 67.9 53.8 80.8
 175 5.3 4.1 6.1





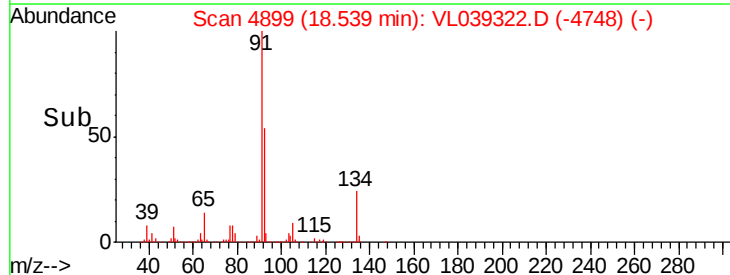
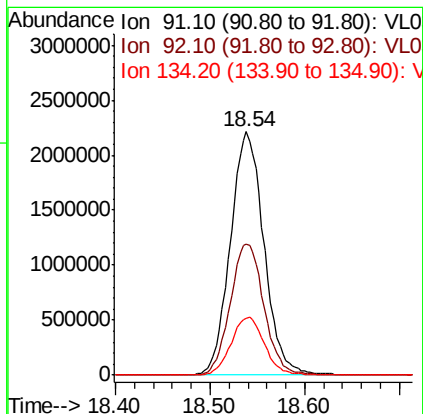
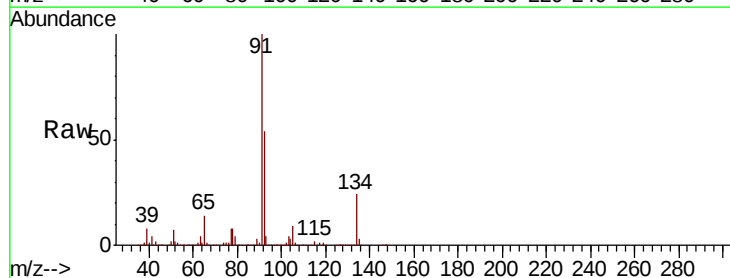
#69
 p-Isopropyltoluene
 Concen: 7.395 ppbv
 RT: 17.64 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId : VL0622ABS01
 Acq: 22 Jun 2022 15:44

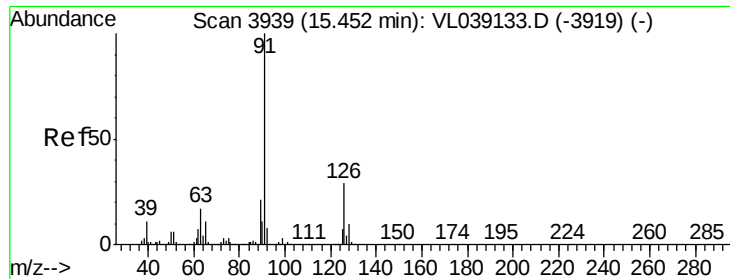
Tot Ion: 119 Resp: 5521725
 Ion Ratio Lower Upper
 119 100
 134 25.3 20.4 30.6
 91 28.4 24.2 36.4



#70
 n-Butylbenzene
 Concen: 7.106 ppbv
 RT: 18.54 min Scan# 4899
 Delta R.T.: -0.01 min
 Lab File: VL039322.D
 Acq: 22 Jun 2022 15:44

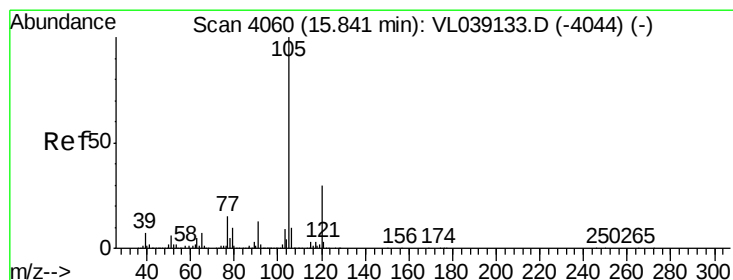
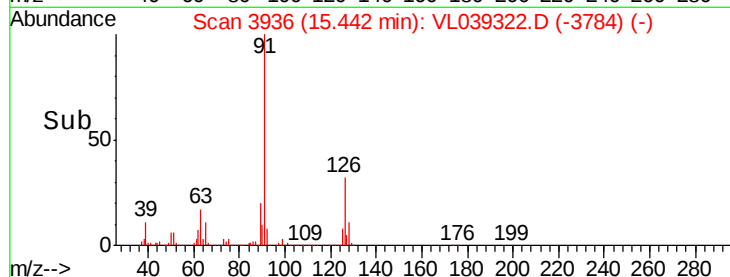
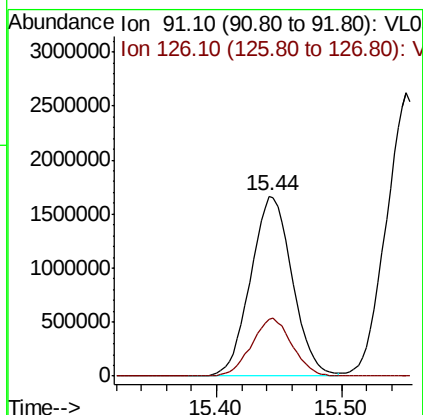
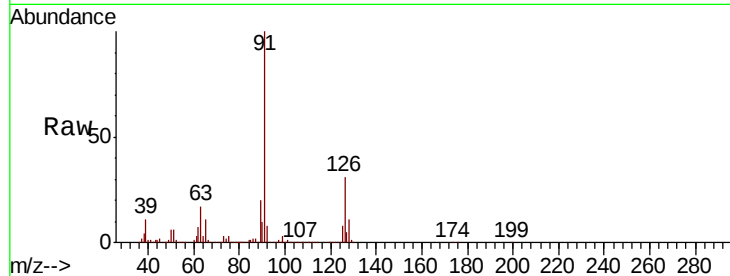
Tgt Ion: 91 Resp: 5446292
 Ion Ratio Lower Upper
 91 100
 92 54.5 43.6 65.4
 134 23.8 17.7 26.5





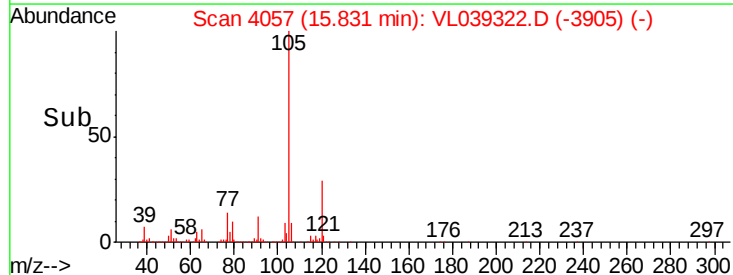
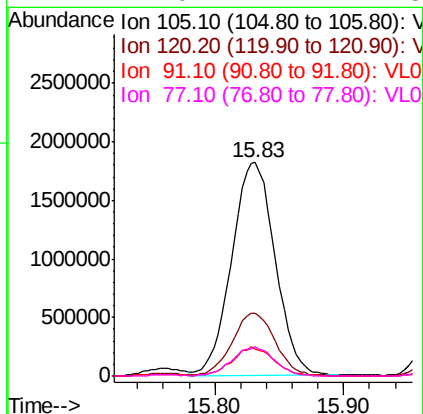
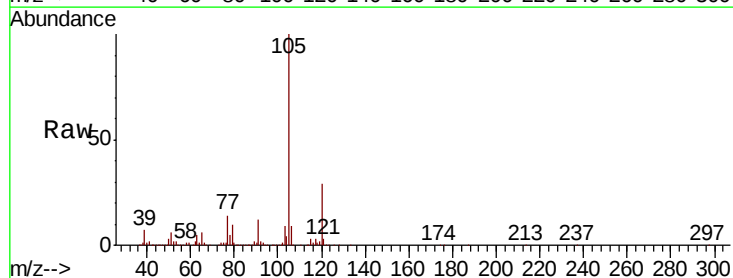
#71
 2-Chlorotoluene
 Concen: 7.102 ppbv
 RT: 15.44
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0622ABS01
 Acq: 22 Jun 2022 15:44

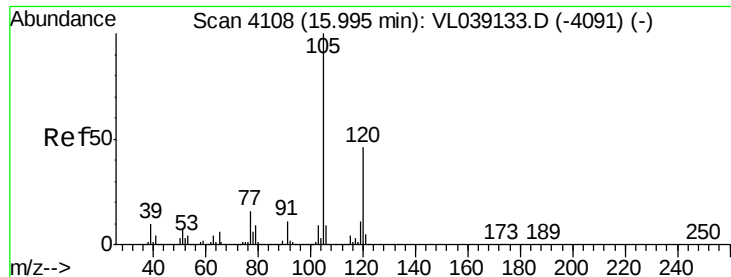
Tot Ion: 91 Resp: 3841978
 Ion Ratio Lower Upper
 91 100
 126 31.4 12.2 48.6



#72
 4-Ethyltoluene
 Concen: 7.588 ppbv
 RT: 15.83 min Scan# 4057
 Delta R.T. -0.01 min
 Lab File: VL039322.D
 Acq: 22 Jun 2022 15:44

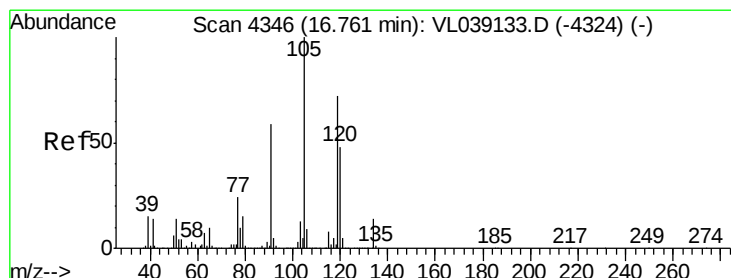
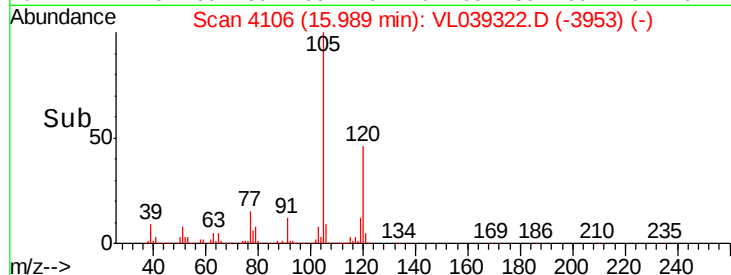
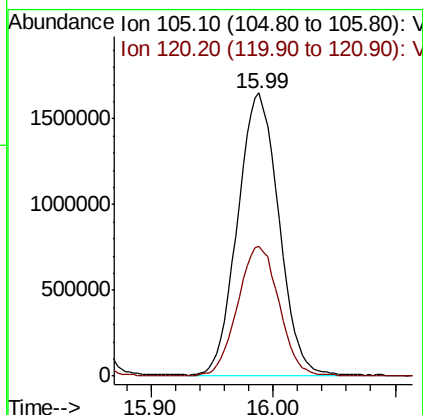
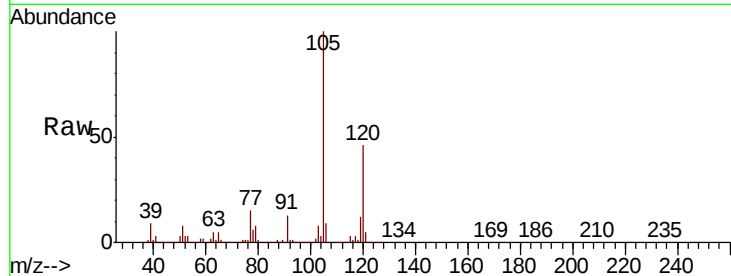
Tgt Ion:105 Resp: 4244626
 Ion Ratio Lower Upper
 105 100
 120 29.6 23.9 35.9
 91 12.8 10.6 16.0
 77 14.0 11.7 17.5





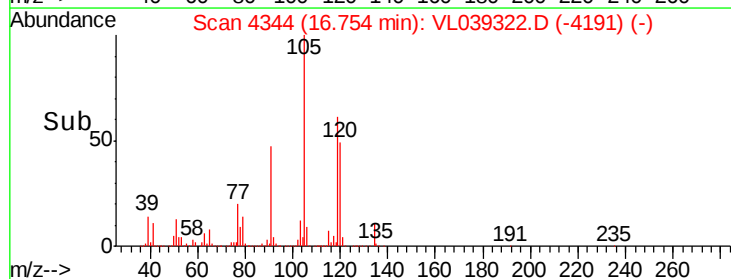
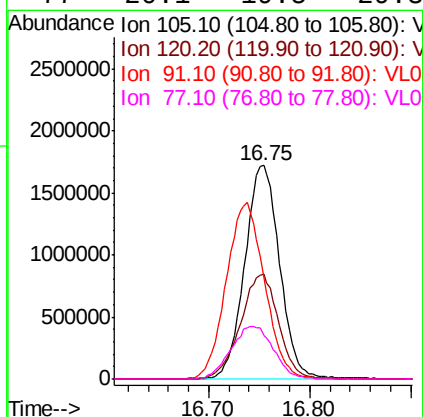
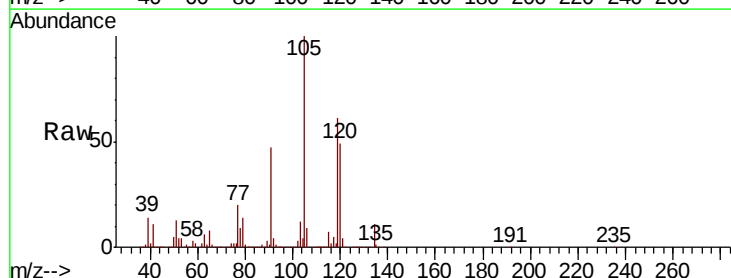
#73
 1,3,5-Trimethylbenzene
 Concen: 7.597 ppbv
 RT: 15.99 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0622ABS01
 Acq: 22 Jun 2022 15:44

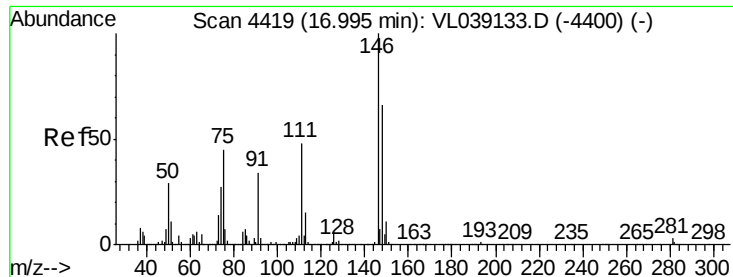
Tot Ion:105 Resp: 3832699
 Ion Ratio Lower Upper
 105 100
 120 45.7 36.7 55.1



#74
 1,2,4-Trimethylbenzene
 Concen: 7.289 ppbv
 RT: 16.75 min Scan# 4344
 Delta R.T. -0.01 min
 Lab File: VL039322.D
 Acq: 22 Jun 2022 15:44

Tgt Ion:105 Resp: 4104018
 Ion Ratio Lower Upper
 105 100
 120 48.9 38.1 57.1
 91 47.2 47.4 71.0#
 77 20.1 19.5 29.3





#75

1,3-Dichlorobenzene

Concen: 7.602 ppbv

RT: 16.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 22 Jun 2022 15:44

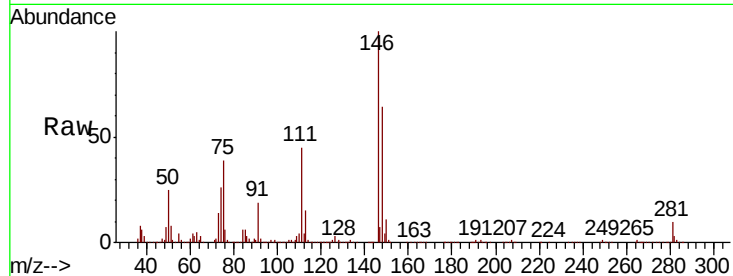
Tot Ion:146 Resp: 2422598

Ion Ratio Lower Upper

146 100

111 46.3 23.8 71.4

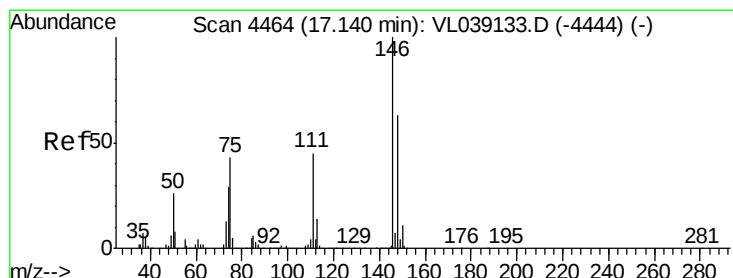
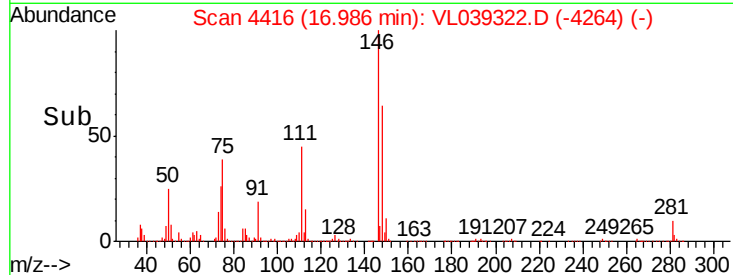
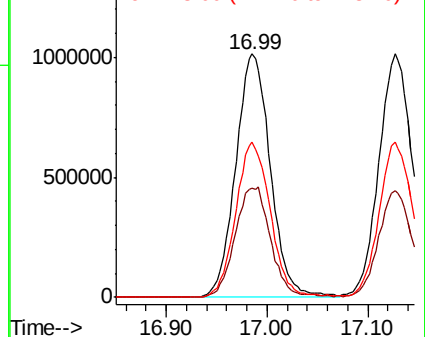
148 63.9 32.4 97.0



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: 7.322 ppbv

RT: 17.13 min Scan# 4460

Delta R.T. -0.01 min

Lab File: VL039322.D

Acq: 22 Jun 2022 15:44

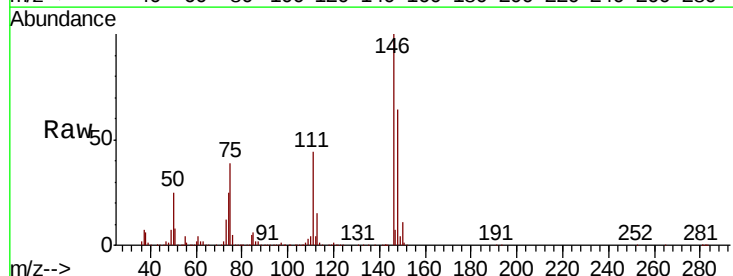
Tgt Ion:146 Resp: 2328193

Ion Ratio Lower Upper

146 100

111 45.4 23.6 71.0

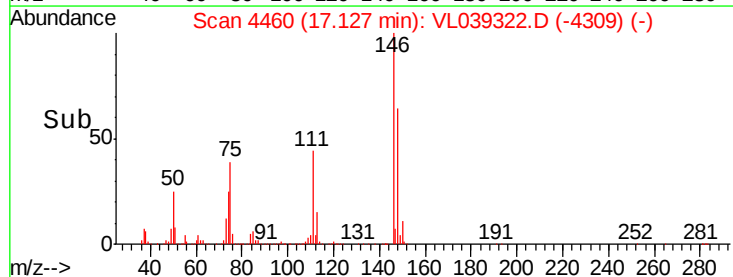
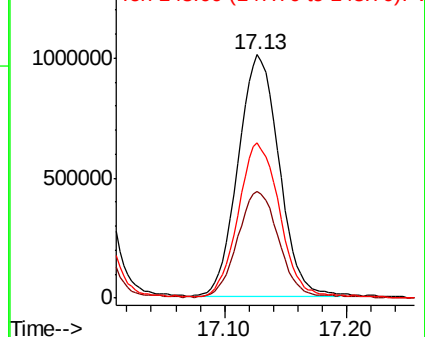
148 66.1 33.7 101.0

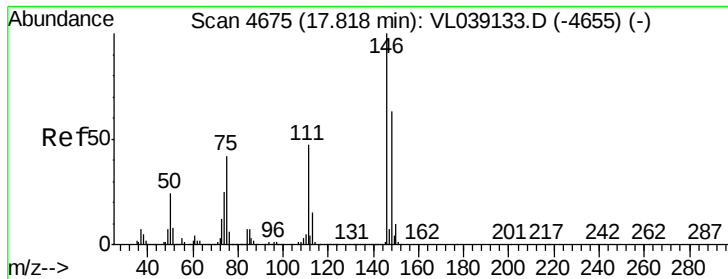


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

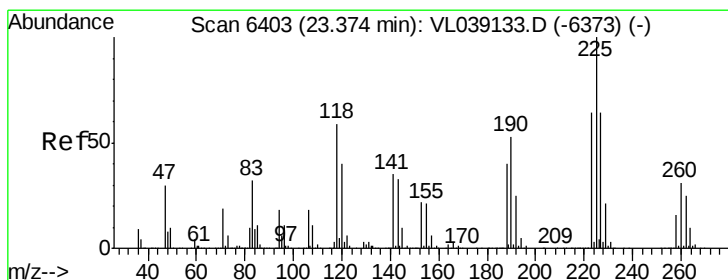
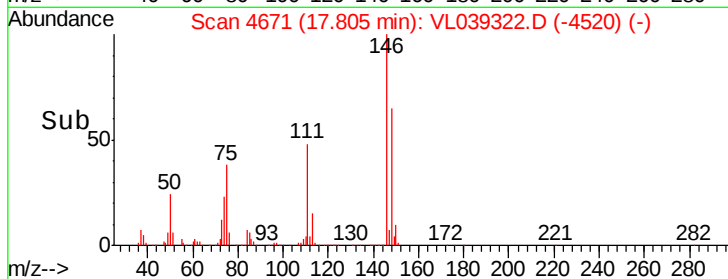
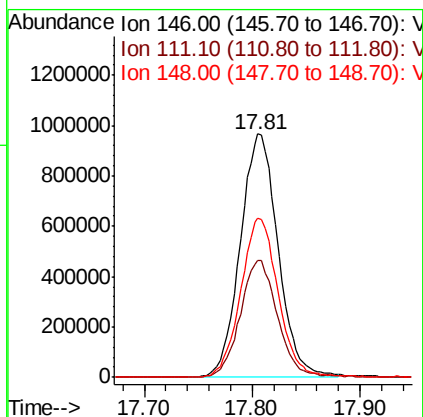
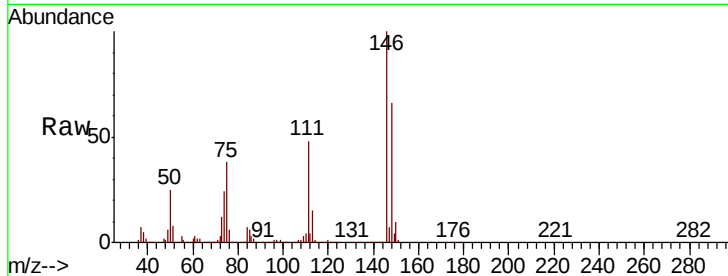




#77
 1,2-Dichlorobenzene
 Concen: 7.294 ppbv
 RT: 17.81 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0622ABS01
 Acq: 22 Jun 2022 15:44

Tot Ion:146 Resp: 2342869

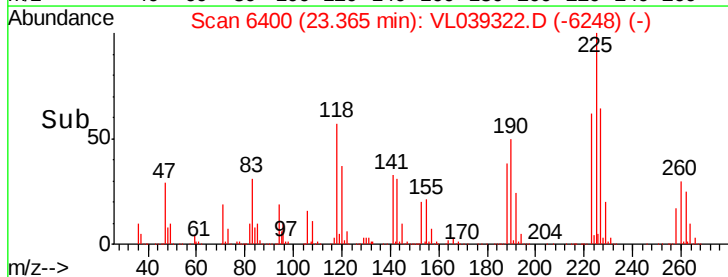
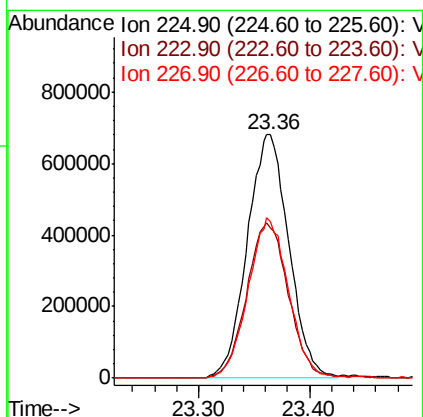
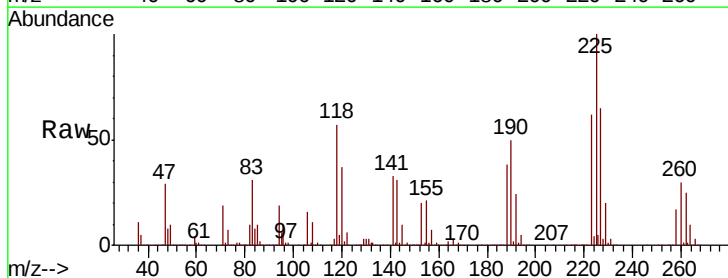
Ion	Ratio	Lower	Upper
146	100		
111	47.6	24.4	73.4
148	65.4	32.1	96.5

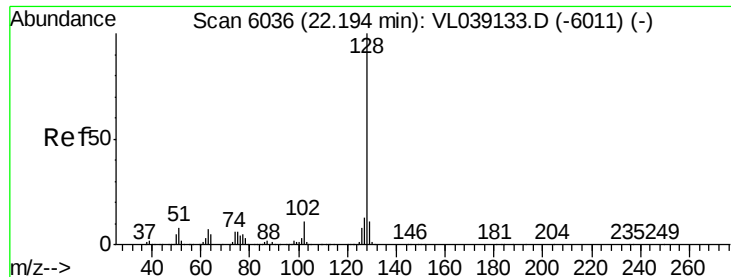


#78
 Hexachloro-1,3-Butadiene
 Concen: 6.044 ppbv
 RT: 23.36 min Scan# 6400
 Delta R.T. -0.01 min
 Lab File: VL039322.D
 Acq: 22 Jun 2022 15:44

Tgt Ion:225 Resp: 1775098

Ion	Ratio	Lower	Upper
225	100		
223	64.6	51.4	77.0
227	64.6	50.6	75.8





#79

Naphthalene

Concen: 7.886 ppbv

RT: 22.18

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 22 Jun 2022 15:44

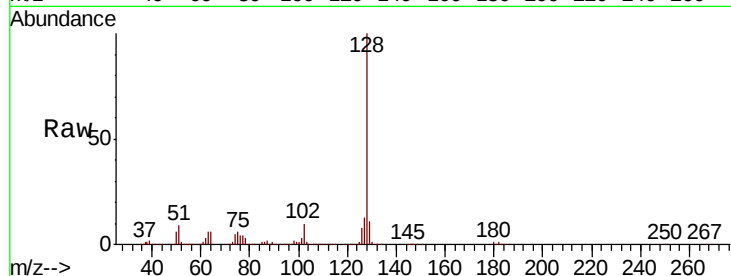
Tot Ion:128 Resp: 3418084

Ion Ratio Lower Upper

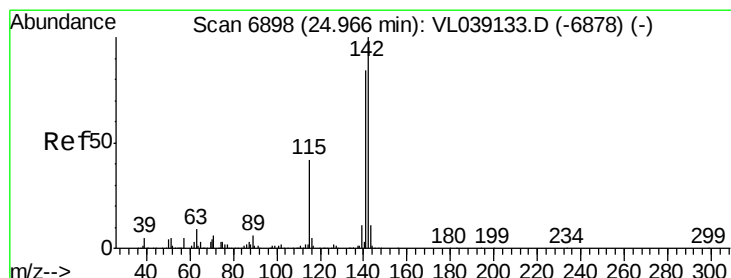
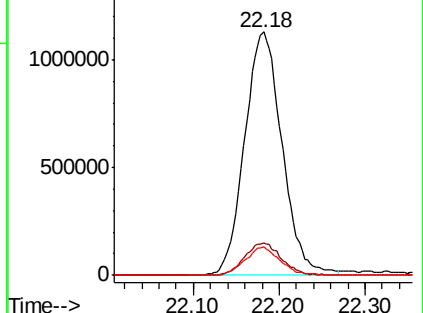
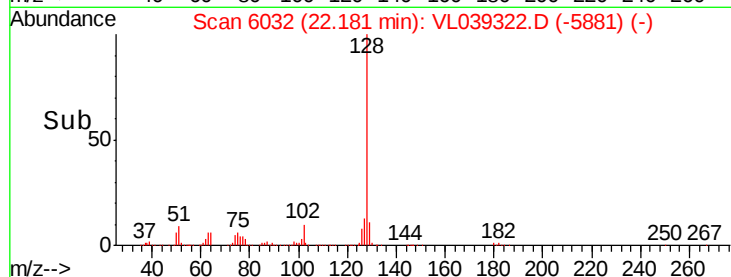
128 100

127 13.1 10.4 15.6

129 11.5 9.0 13.6



Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 5.350 ppbv

RT: 24.96 min Scan# 6896

Delta R.T. -0.01 min

Lab File: VL039322.D

Acq: 22 Jun 2022 15:44

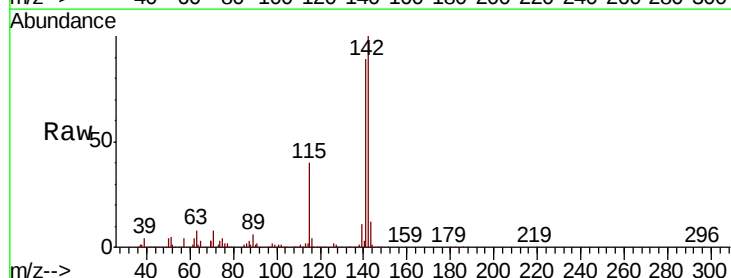
Tgt Ion:142 Resp: 861518

Ion Ratio Lower Upper

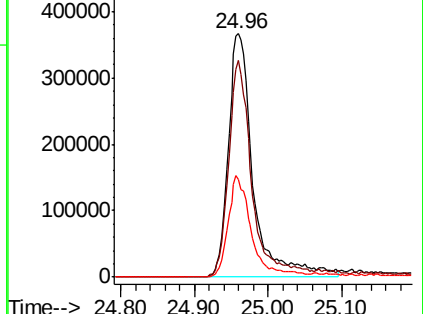
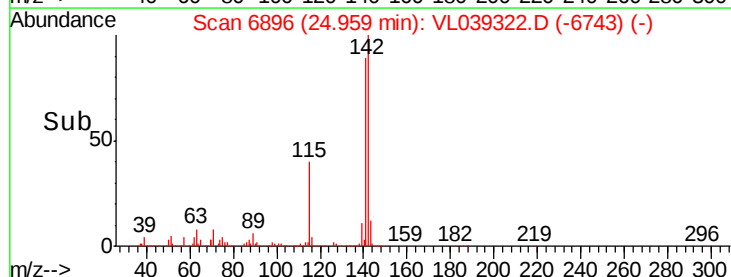
142 100

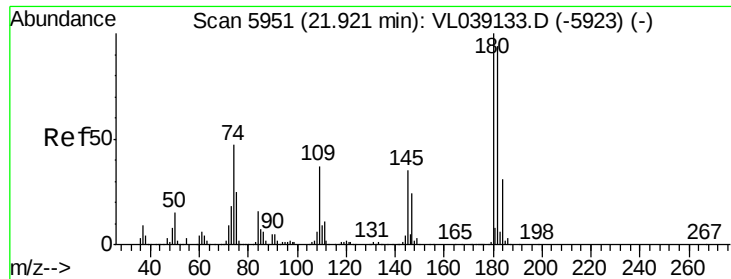
141 86.7 64.6 96.8

115 42.1 32.7 49.1



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 7.186 ppbv
 RT: 21.91
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VL0622ABS01
 Acq: 22 Jun 2022 13.44

Tot Ion:180 Resp: 1973205
 Ion Ratio Lower Upper
 180 100
 182 98.0 0.0 0.0#
 184 31.3 0.0 0.0#

