

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061422\
 Data File : VL039282.D
 Acq On : 14 Jun 2022 15:07
 Operator : SY/AP
 Sample : VL0614ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL0614ABS01

Quant Time: Jun 15 03:17:40 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	5.67	49	1274002	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3534497	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4127395	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2697222	7.90	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	79.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.06	85	1854468	8.287 ppbv	98
3) Chlorodifluoromethane	3.00	51	1371927	8.463 ppbv	100
4) Chloromethane	3.15	50	749563	9.002 ppbv	99
5) Vinyl Chloride	3.27	62	733557	9.424 ppbv	98
6) Bromomethane	3.48	94	337725	8.820 ppbv	99
7) Chloroethane	3.57	64	285761	10.536 ppbv	94
8) Dichlorotetrafluoroethane	3.20	85	1835153	8.973 ppbv	95
9) Propene	3.02	41	570474	8.071 ppbv	100
10) Heptane	8.13	43	1522437	9.233 ppbv	100
11) Trichlorofluoromethane	3.96	101	1873685	9.250 ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1353911	10.107 ppbv	99
13) Ethanol	3.61	45	26913	6.982 ppbv #	100
14) Bromoethene	3.74	108	586697	9.743 ppbv	97
15) Acetone	3.85	43	1329415	10.017 ppbv	99
16) 1,3-Butadiene	3.34	39	723984	10.148 ppbv	95
17) tert-Butyl alcohol	4.29	59	1168386	11.351 ppbv	98
18) 1,1-Dichloroethene	4.29	96	612837	10.199 ppbv	88
19) Isopropyl Alcohol	3.97	45	680331	10.930 ppbv	99
20) Methylene Chloride	4.35	84	511724	9.150 ppbv	93
21) Allyl Chloride	4.42	41	970915	10.845 ppbv	98
22) trans-1,2-Dichloroethene	4.89	96	619410	10.713 ppbv	97
23) Vinyl Acetate	5.08	43	1091052	9.937 ppbv	99
24) 1,1-Dichloroethane	5.01	63	1297629	8.625 ppbv	99
25) Ethyl Acetate	5.68	43	2728771	9.123 ppbv	99
26) Hexane	5.69	57	1188180	9.039 ppbv	98
27) Carbon Disulfide	4.56	76	1494200	10.968 ppbv	99
28) Methyl tert-Butyl Ether	5.04	73	1242129	8.560 ppbv	98
29) Chloroform	5.76	83	1929353	8.723 ppbv	97
30) Cyclohexane	7.13	84	1011900	9.164 ppbv	98
31) cis-1,2-Dichloroethene	5.56	61	1189561	8.875 ppbv	97
32) 1,1,1-Trichloroethane	6.52	97	1974565	9.123 ppbv	99
34) 2-Butanone	5.25	43	1619827	8.436 ppbv	99
35) Carbon Tetrachloride	7.02	117	2091630	8.108 ppbv	98
36) Benzene	6.90	78	2428306	8.463 ppbv	98
37) 1,2-Dichloroethane	6.31	62	1496702	7.925 ppbv	98
38) Trichloroethene	7.84	130	1251600	9.496 ppbv	93
39) 1,2-Dichloropropane	7.62	63	899914	7.885 ppbv	96
40) 1,4-Dioxane	7.83	88	351607	9.357 ppbv	79
41) Tetrahydrofuran	6.05	42	918978	7.957 ppbv	98
42) Bromodichloromethane	7.80	83	2081166	7.941 ppbv	99
43) Methyl Methacrylate	8.02	69	985327	8.815 ppbv	98

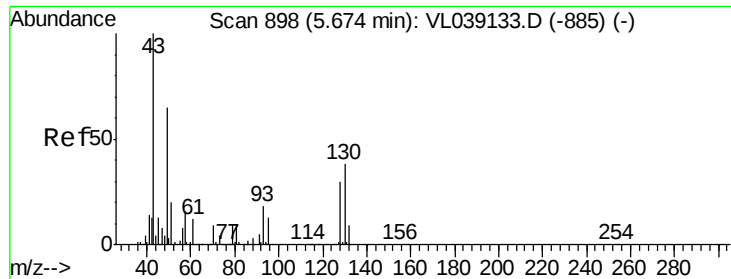
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061422\
 Data File : VL039282.D
 Acq On : 14 Jun 2022 15:07
 Operator : SY/AP
 Sample : VL0614ABS01
 Misc : 400mL/MSVOA L
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Instrument :
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 ClientSampleId :
 VL0614ABS01

Quant Time: Jun 15 03:17:40 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	4123434	8.214	ppbv	98
45) t-1,3-Dichloropropene	9.28	75	983083	8.445	ppbv	95
46) cis-1,3-Dichloropropene	8.71	75	1285147	8.357	ppbv	98
47) 1,1,2-Trichloroethane	9.48	97	1020410	8.569	ppbv	98
48) Dibromochloromethane	10.31	129	1839096	8.650	ppbv	99
49) Bromoform	13.04	173	1531160	8.641	ppbv	99
50) 4-Methyl-2-Pentanone	8.74	43	2557797	8.899	ppbv	99
51) 2-Hexanone	10.13	43	1926725	8.615	ppbv #	97
52) Tetrachloroethene	11.23	164	961834	8.585	ppbv	96
53) Toluene	9.81	91	2953775	8.939	ppbv	100
54) 1,2-Dibromoethane	10.61	107	1386308	8.664	ppbv	94
56) 1,1,1,2-Tetrachloroethane	12.12	131	1334372	6.832	ppbv	100
57) Chlorobenzene	12.15	112	2243739	7.225	ppbv	94
58) Ethyl Benzene	12.71	91	3962618	6.970	ppbv	98
59) m/p-Xylene	13.00	91	4084251	8.158	ppbv #	51
60) o-Xylene	13.69	91	3277434	6.967	ppbv	98
61) Styrene	13.53	104	1962927	7.792	ppbv	96
62) Isopropylbenzene	14.67	105	4938898	7.064	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.68	83	1640440	6.212	ppbv	99
64) n-propylbenzene	15.56	120	1292345	7.519	ppbv	89
65) tert-Butylbenzene	16.74	119	4548534	7.114	ppbv	96
66) Benzyl Chloride	16.99	91	463252	5.572	ppbv	100
67) sec-Butylbenzene	17.29	105	6179017	7.083	ppbv	98
69) p-Isopropyltoluene	17.65	119	5361958	7.285	ppbv	98
70) n-Butylbenzene	18.55	91	5252072	6.952	ppbv	99
71) 2-Chlorotoluene	15.46	91	3618751	6.787	ppbv	97
72) 4-Ethyltoluene	15.84	105	4043237	7.333	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	3682517	7.405	ppbv	99
74) 1,2,4-Trimethylbenzene	16.76	105	3943377	7.106	ppbv #	91
75) 1,3-Dichlorobenzene	17.00	146	2318058	7.379	ppbv	99
76) 1,4-Dichlorobenzene	17.14	146	2230237	7.116	ppbv	99
77) 1,2-Dichlorobenzene	17.82	146	2243915	7.088	ppbv	99
78) Hexachloro-1,3-Butadiene	23.37	225	1712411	5.915	ppbv	99
79) Naphthalene	22.19	128	3299738	7.724	ppbv	99
80) Naphthalene, 2-methyl-	24.97	142	1007171	6.345	ppbv	97
81) 1,2,4-Trichlorobenzene	21.92	180	1927947	7.123	ppbv #	100

(#) = 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: 14 Jun 2022 15:07

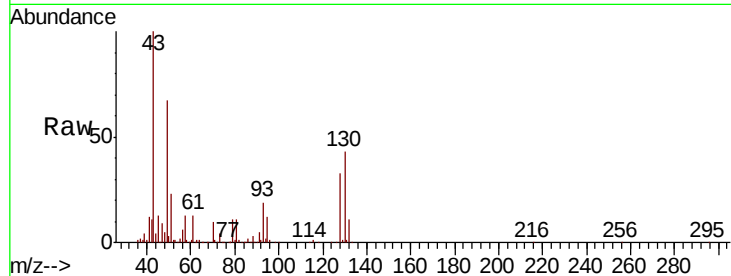
Tot Ion: 49 Resp: 1274002

Ion Ratio Lower Upper

49 100

128 53.5 24.7 74.1

130 68.3 31.4 94.0



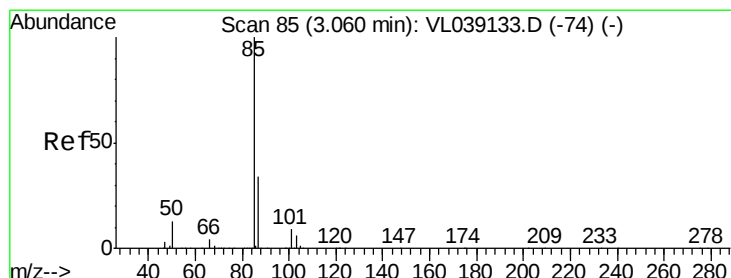
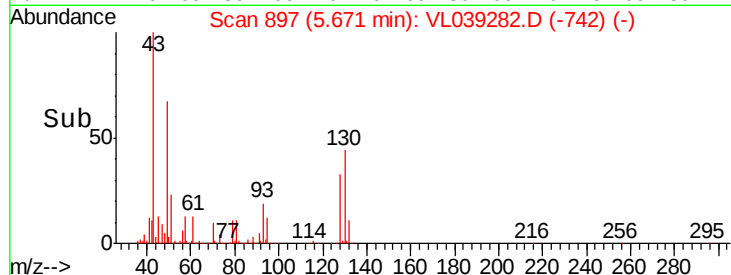
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V

5.67

Time-->



#2

Dichlorodifluoromethane

Concen: 8.287 ppbv

RT: 3.06 min Scan# 84

Delta R.T. -0.00 min

Lab File: VL039282.D

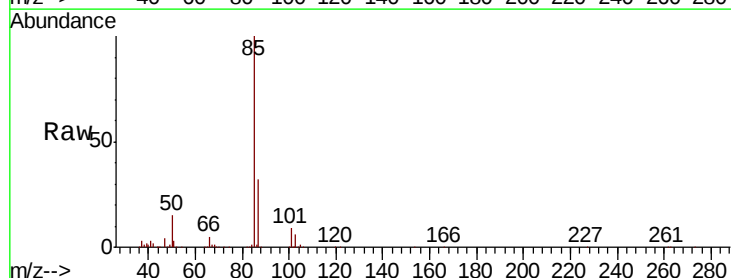
Acq: 14 Jun 2022 15:07

Tgt Ion: 85 Resp: 1854468

Ion Ratio Lower Upper

85 100

87 32.4 26.9 40.3

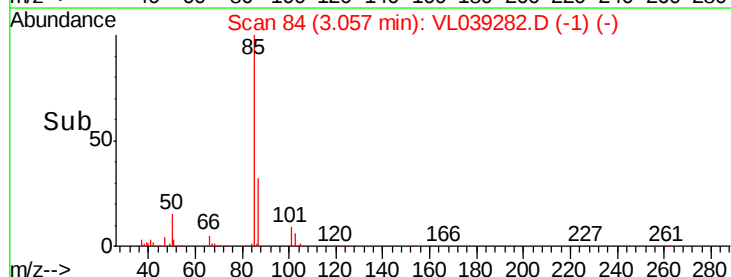


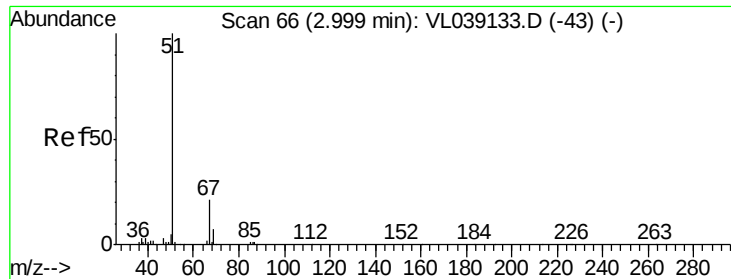
Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

3.06

Time-->





#3

Chlorodifluoromethane

Concen: 8.463 ppbv

RT: 3.00 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

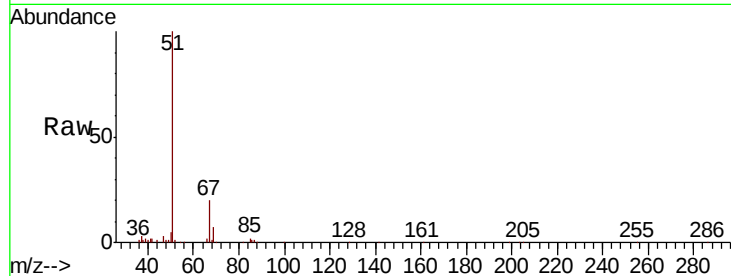
Acq: 14 Jun 2022 15:07 VL0614ABS01

Tot Ion: 51 Resp: 1371927

Ion Ratio Lower Upper

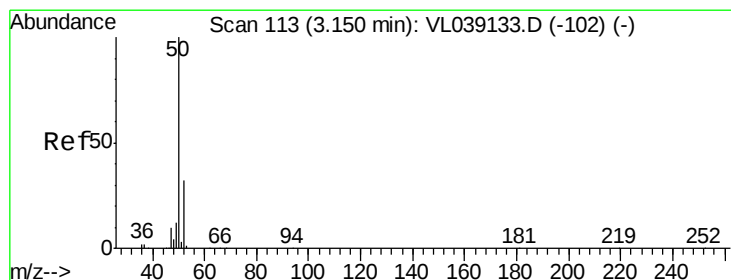
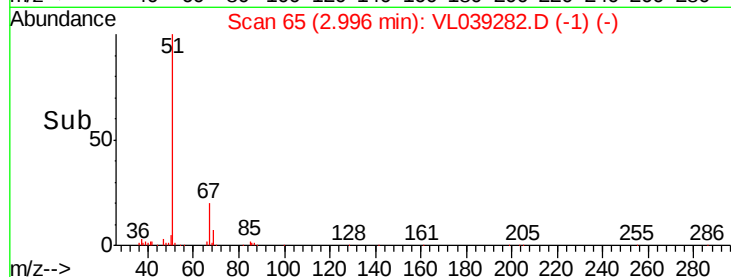
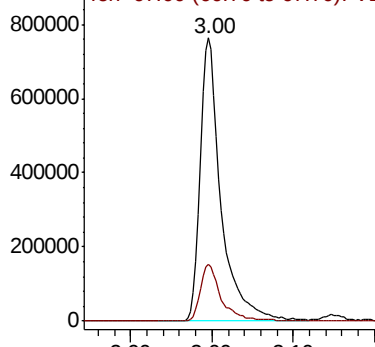
51 100

67 20.3 16.2 24.4



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 9.002 ppbv

RT: 3.15 min Scan# 112

Delta R.T. -0.00 min

Lab File: VL039282.D

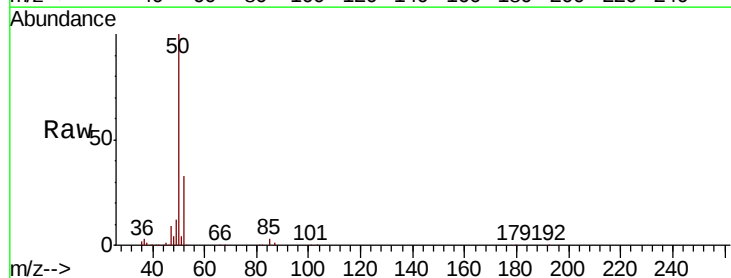
Acq: 14 Jun 2022 15:07

Tgt Ion: 50 Resp: 749563

Ion Ratio Lower Upper

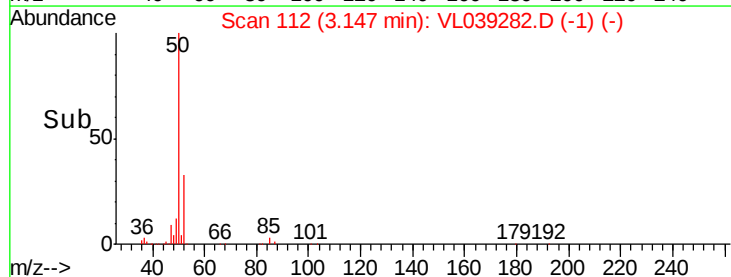
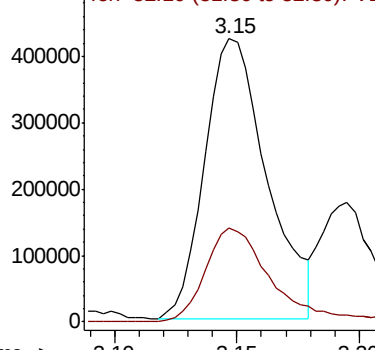
50 100

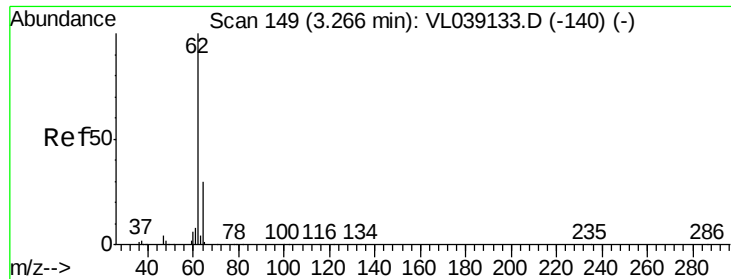
52 33.1 25.9 38.9



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 9.424 ppbv

RT: 3.27 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0614ABS01

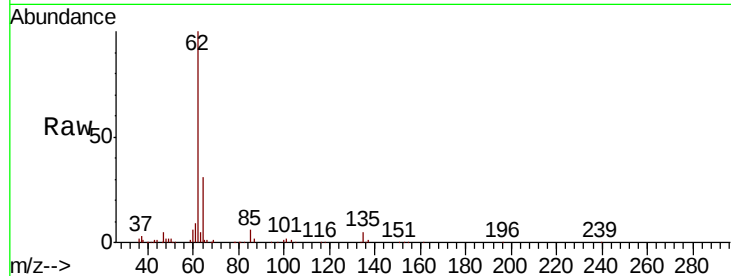
Acq: 14 Jun 2022 15:07

Tot Ion: 62 Resp: 733557

Ion Ratio Lower Upper

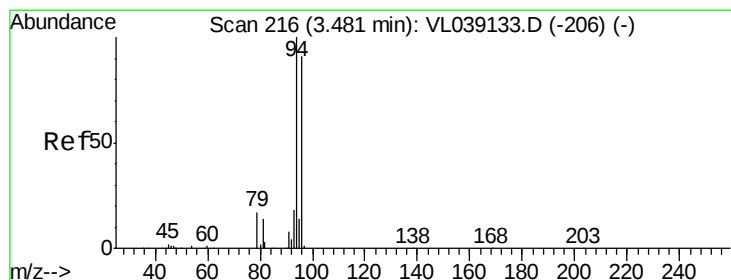
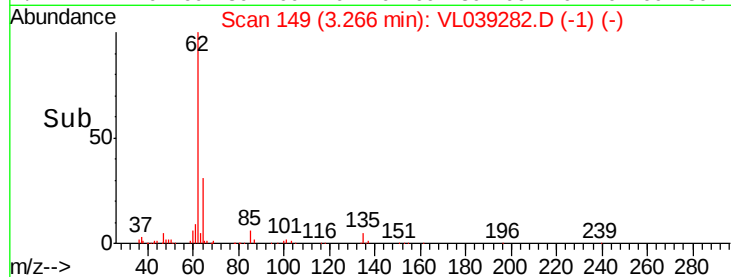
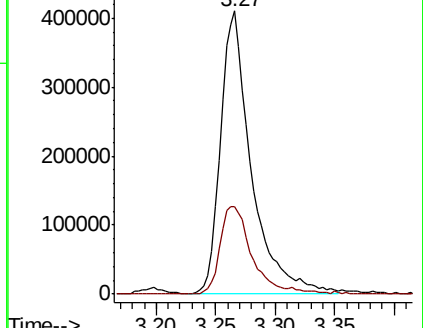
62 100

64 31.1 24.2 36.2



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 8.820 ppbv

RT: 3.48 min Scan# 216

Delta R.T. 0.00 min

Lab File: VL039282.D

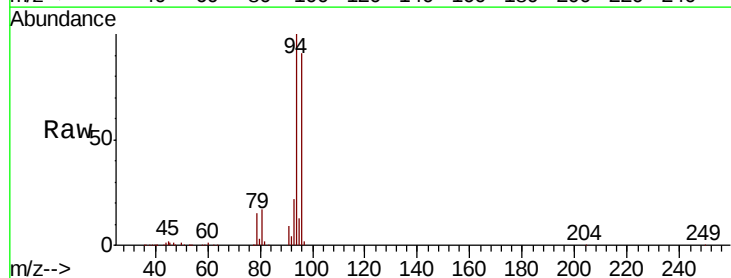
Acq: 14 Jun 2022 15:07

Tgt Ion: 94 Resp: 337725

Ion Ratio Lower Upper

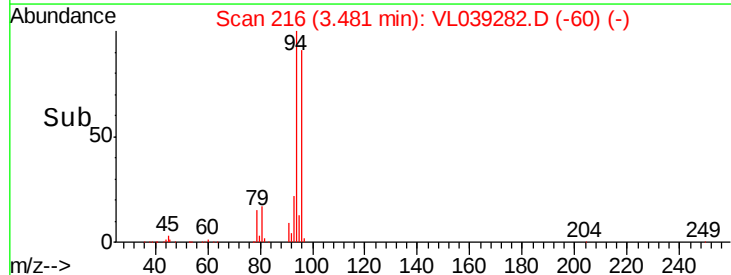
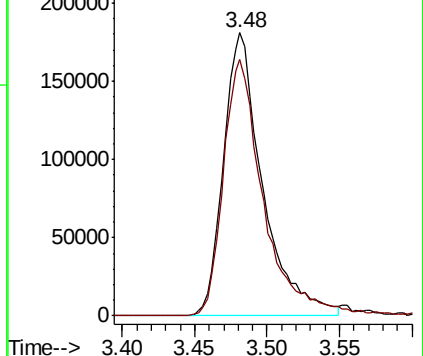
94 100

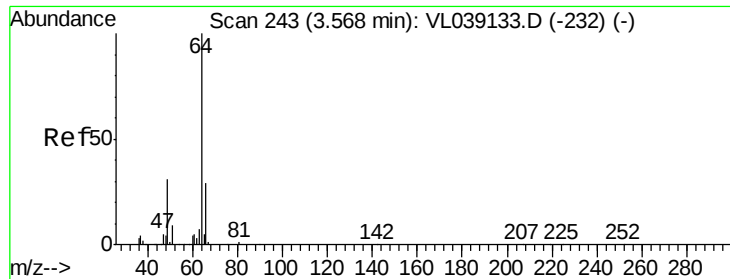
96 90.7 73.0 109.4



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 10.536 ppbv

RT: 3.57 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

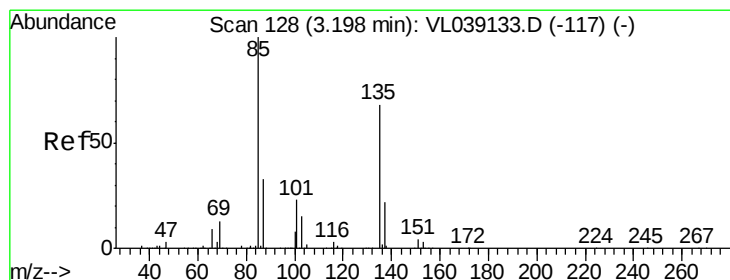
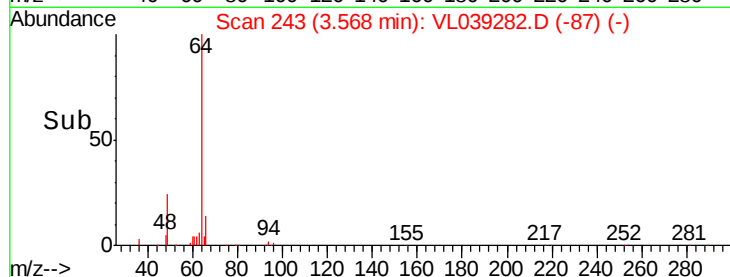
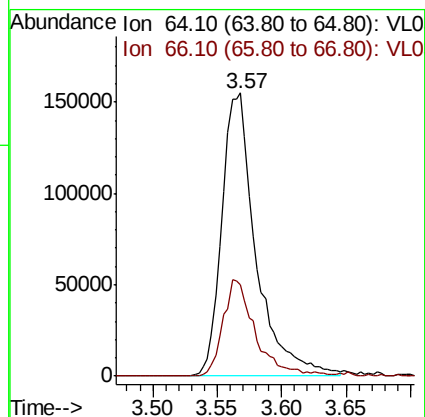
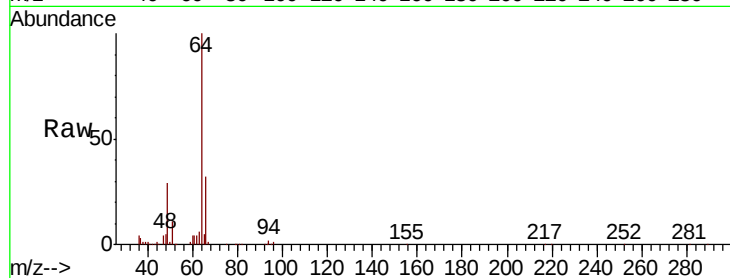
Acq: 14 Jun 2022 15:07 VL0614ABS01

Tot Ion: 64 Resp: 285761

Ion Ratio Lower Upper

64 100

66 32.5 23.6 35.4



#8

Dichlorotetrafluoroethane

Concen: 8.973 ppbv

RT: 3.20 min Scan# 127

Delta R.T. -0.00 min

Lab File: VL039282.D

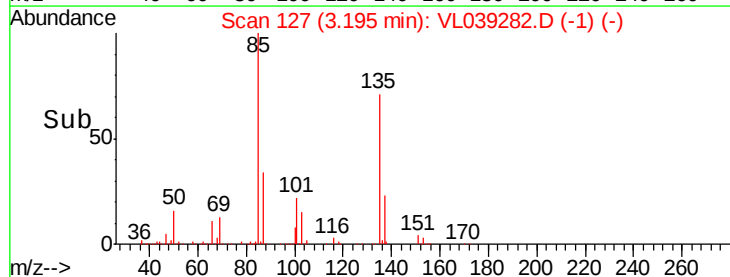
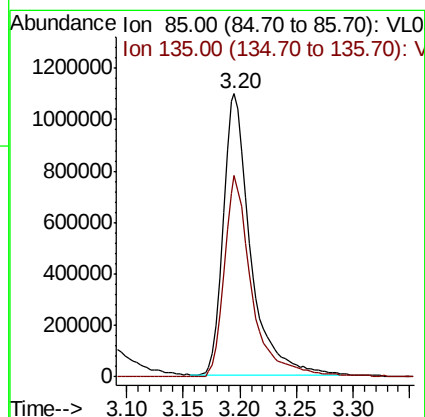
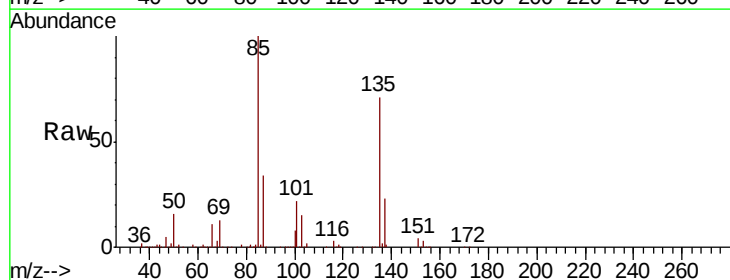
Acq: 14 Jun 2022 15:07

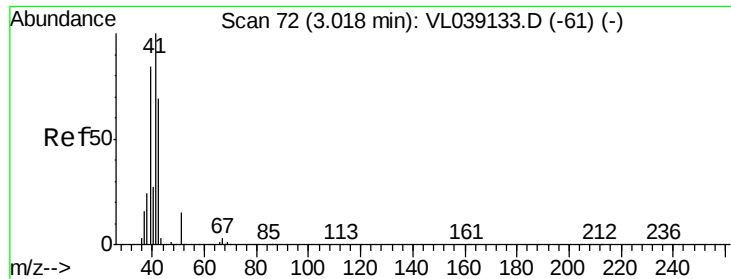
Tgt Ion: 85 Resp: 1835153

Ion Ratio Lower Upper

85 100

135 72.6 55.0 82.4





#9

Propene

Concen: 8.071 ppbv

RT: 3.02 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VL0614ABS01

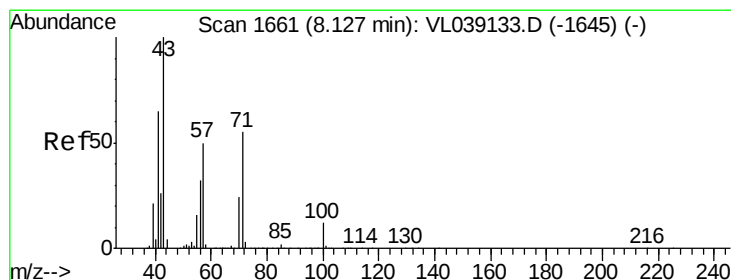
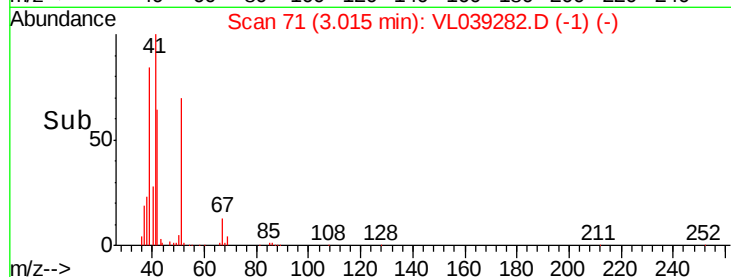
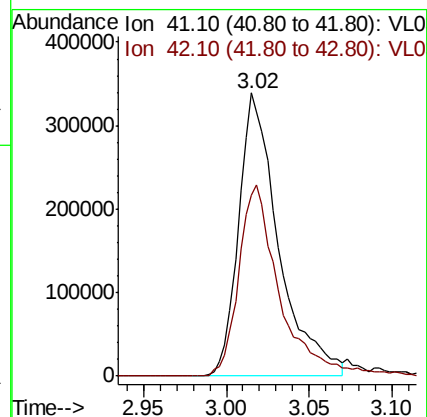
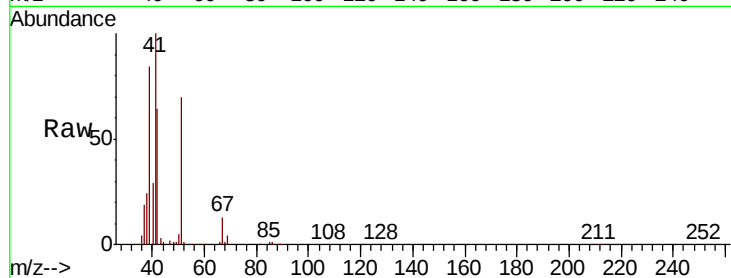
Acq: 14 Jun 2022 15:07

Tot Ion: 41 Resp: 570474

Ion Ratio Lower Upper

41 100

42 69.6 55.4 83.2



#10

Heptane

Concen: 9.233 ppbv

RT: 8.13 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VL039282.D

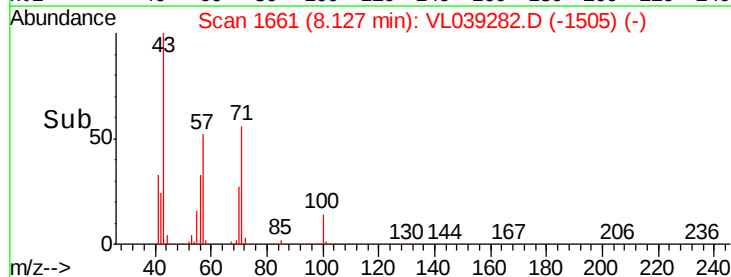
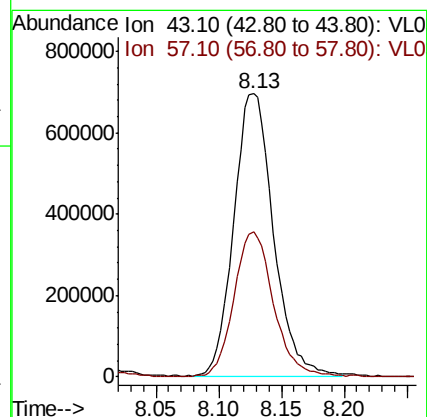
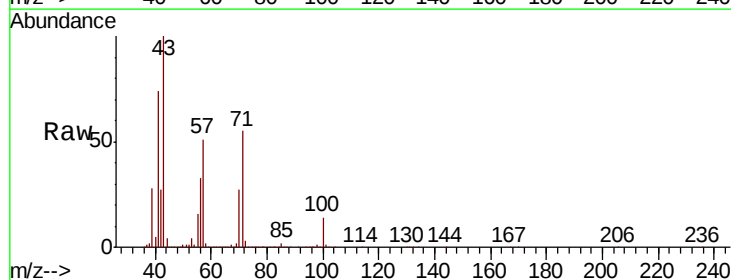
Acq: 14 Jun 2022 15:07

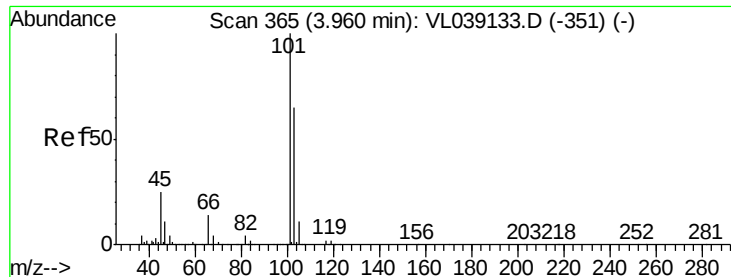
Tgt Ion: 43 Resp: 1522437

Ion Ratio Lower Upper

43 100

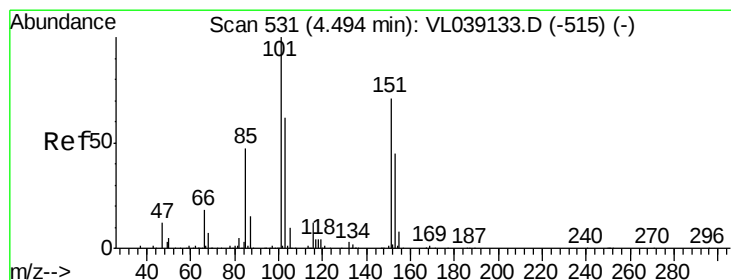
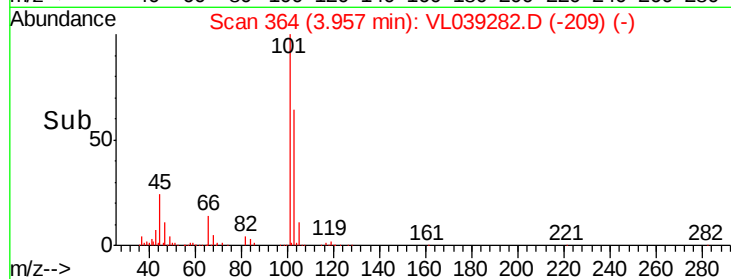
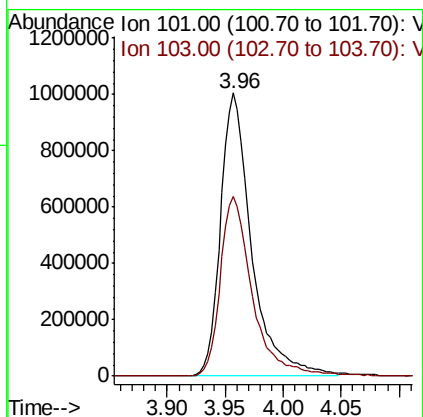
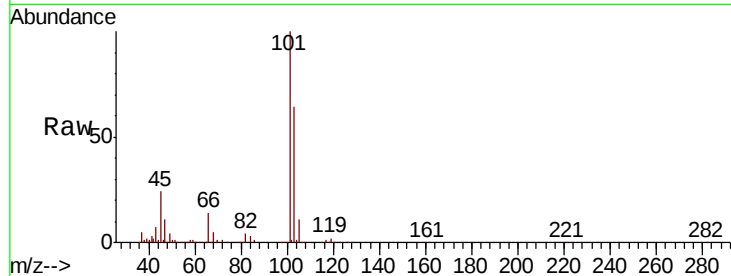
57 51.5 41.4 62.2





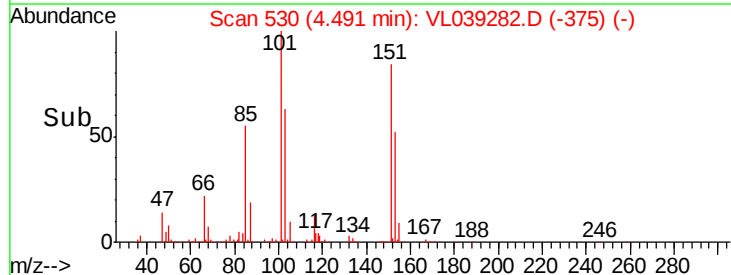
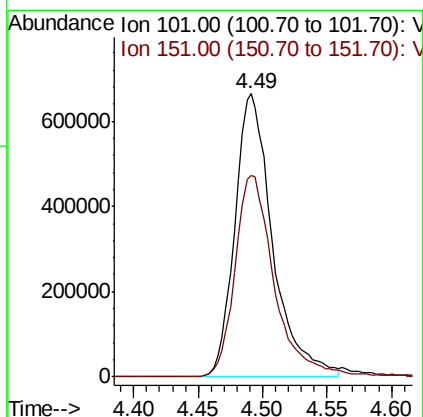
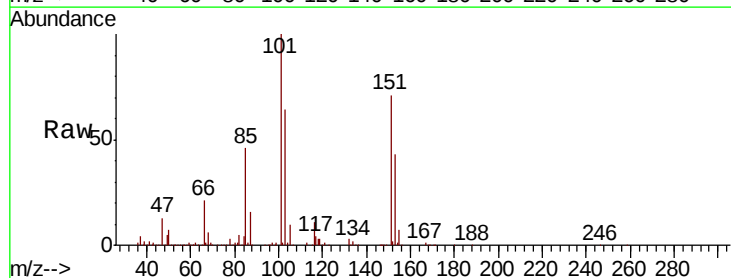
#11
 Trichlorofluoromethane
 Concen: 9.250 ppbv
 RT: 3.96
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VL0614ABS01
 Acq: 14 Jun 2022 15:07

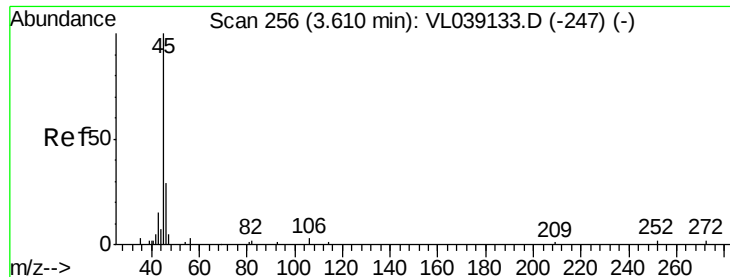
Tot Ion:101 Resp: 1873685
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.107 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VL039282.D
 Acq: 14 Jun 2022 15:07

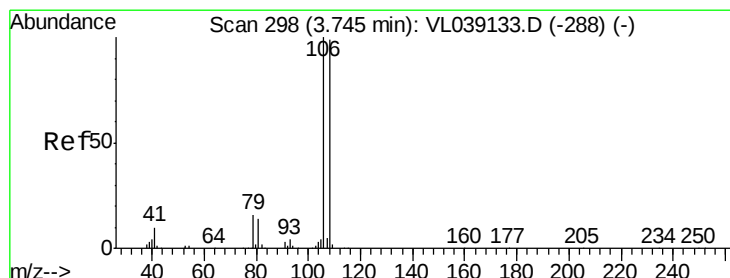
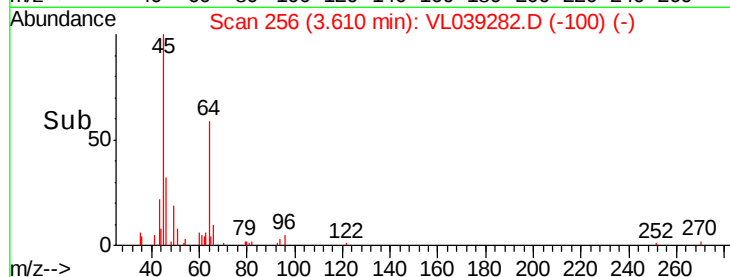
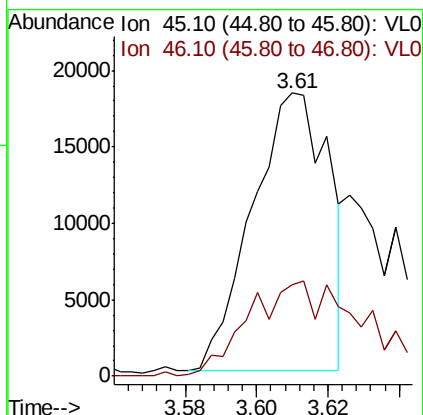
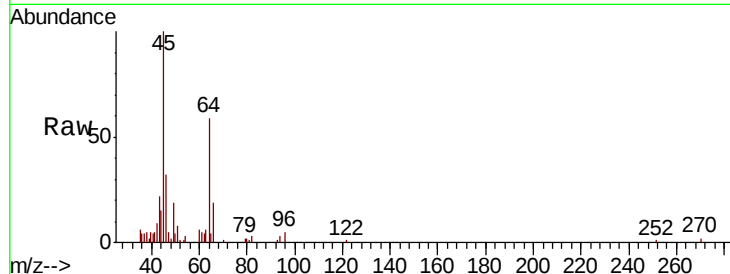
Tgt Ion:101 Resp: 1353911
 Ion Ratio Lower Upper
 101 100
 151 75.1 59.4 89.0





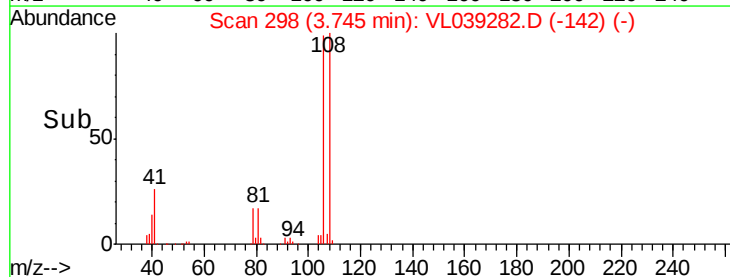
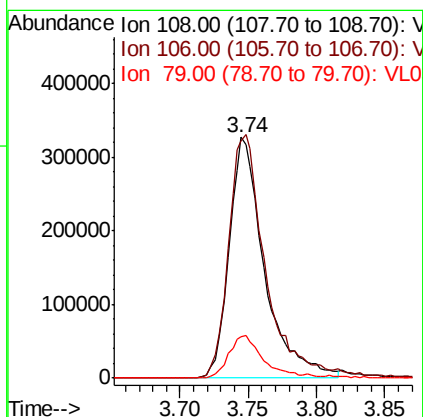
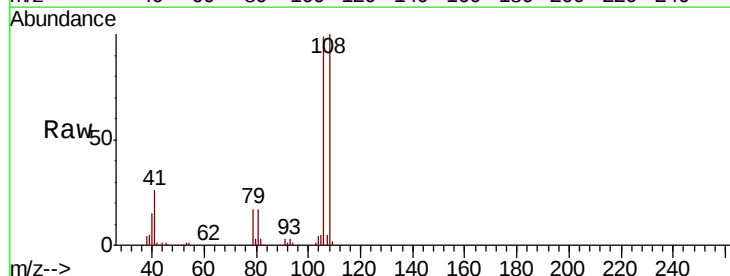
#13
Ethanol
Concen: 6.982 ppbv
RT: 3.61
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0614ABS01
Acq: 14 Jun 2022 15:07

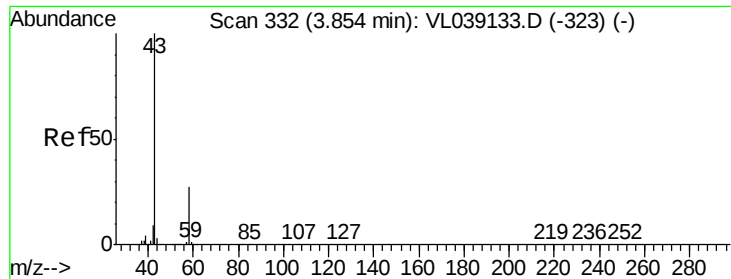
Tot Ion: 45 Resp: 26913
Ion Ratio Lower Upper
45 100
46 69.2 0.0 0.0#



#14
Bromoethene
Concen: 9.743 ppbv
RT: 3.74 min Scan# 298
Delta R.T. 0.00 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

Tgt Ion:108 Resp: 586697
Ion Ratio Lower Upper
108 100
106 108.1 88.4 132.6
79 18.6 13.4 20.2





#15

Acetone

Concen: 10.017 ppbv

RT: 3.85 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

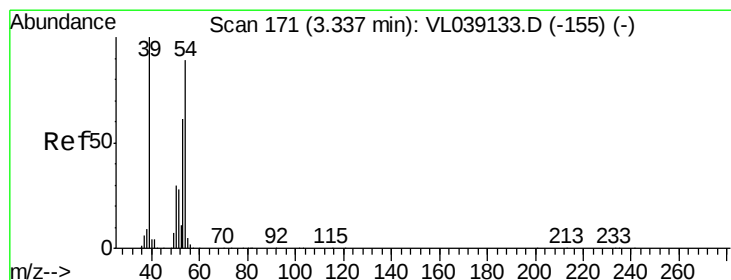
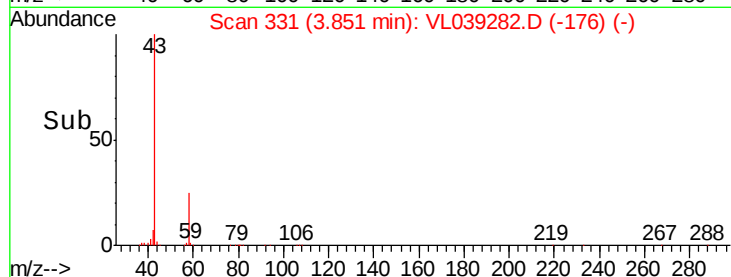
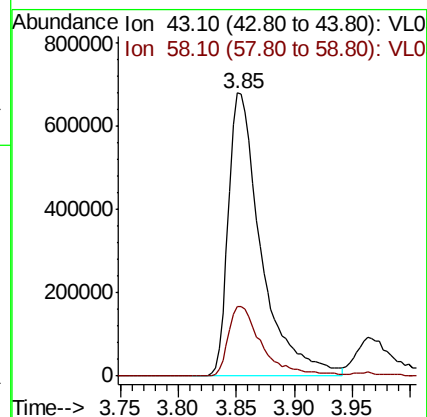
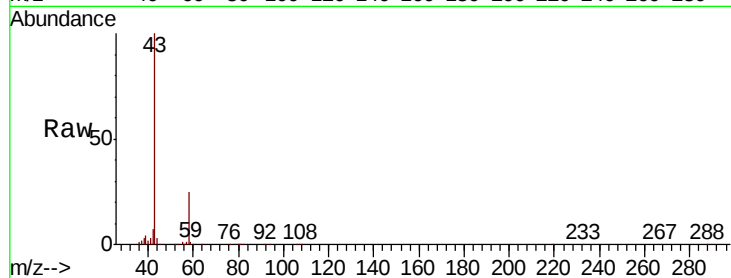
Acq: 14 Jun 2022 15:07 VL0614ABS01

Tot Ion: 43 Resp: 1329415

Ion Ratio Lower Upper

43 100

58 27.6 22.5 33.7



#16

1,3-Butadiene

Concen: 10.148 ppbv

RT: 3.34 min Scan# 171

Delta R.T. 0.00 min

Lab File: VL039282.D

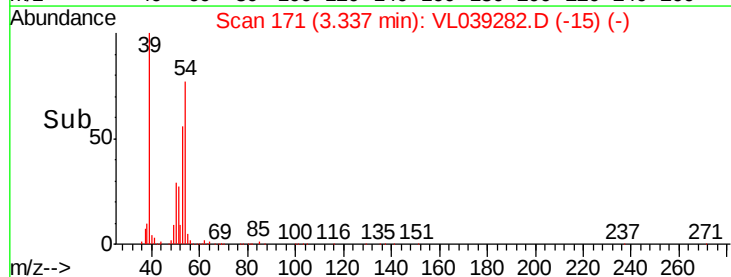
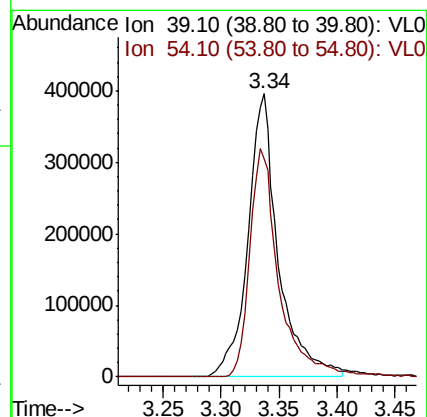
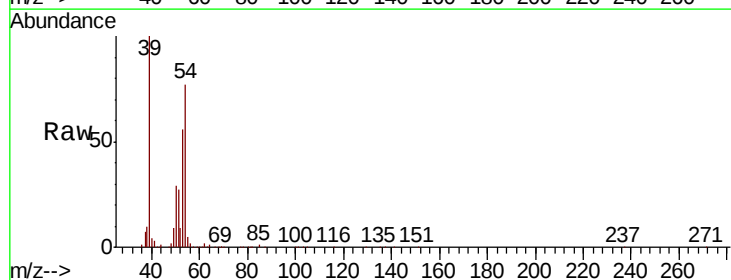
Acq: 14 Jun 2022 15:07

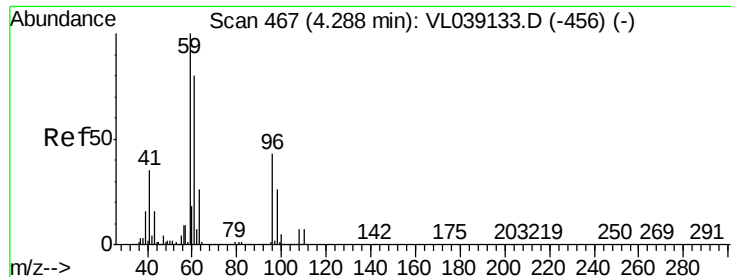
Tgt Ion: 39 Resp: 723984

Ion Ratio Lower Upper

39 100

54 78.0 65.8 98.6





#17

tert-Butyl alcohol

Concen: 11.351 ppbv

RT: 4.29 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0614ABS01

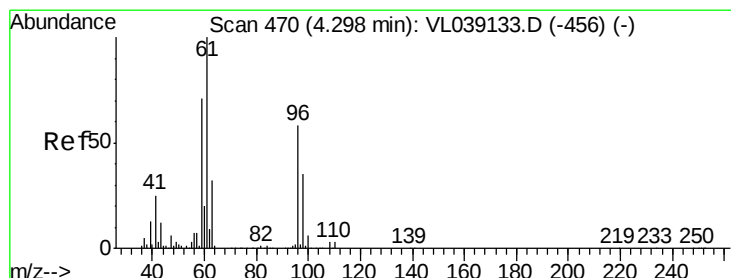
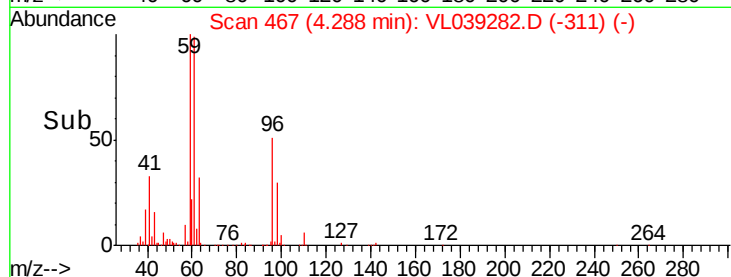
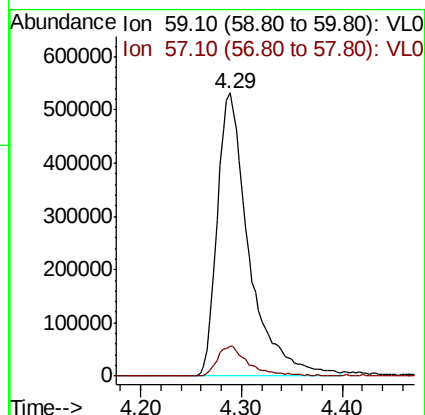
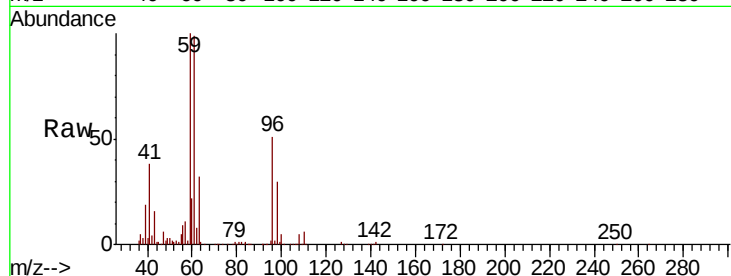
Acq: 14 Jun 2022 15:07

Tot Ion: 59 Resp: 1168386

Ion Ratio Lower Upper

59 100

57 10.7 9.1 13.7



#18

1,1-Dichloroethene

Concen: 10.199 ppbv

RT: 4.29 min Scan# 469

Delta R.T. -0.00 min

Lab File: VL039282.D

Acq: 14 Jun 2022 15:07

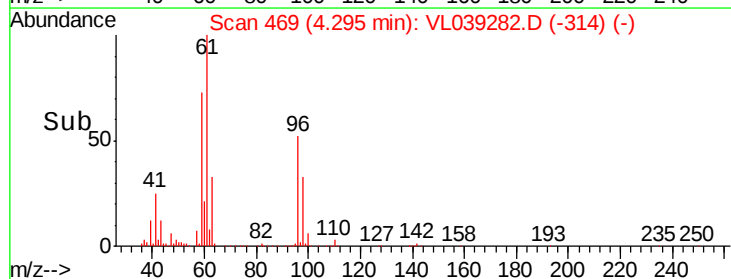
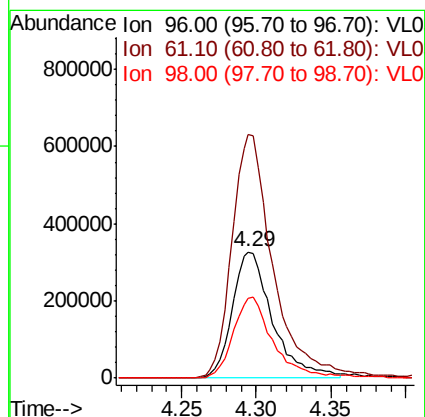
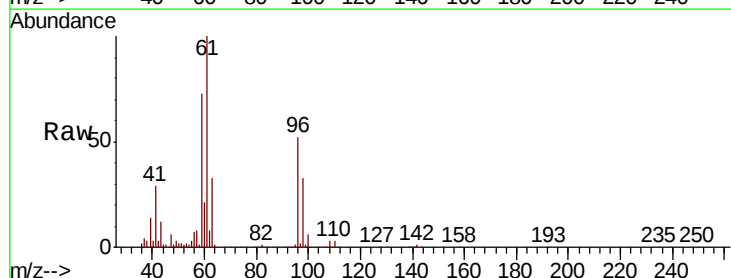
Tgt Ion: 96 Resp: 612837

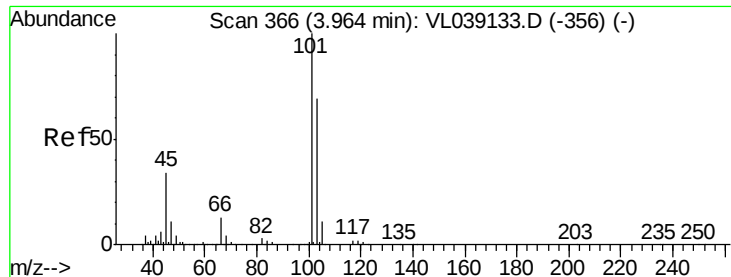
Ion Ratio Lower Upper

96 100

61 192.5 138.4 207.6

98 63.5 47.8 71.8





#19

Isopropyl Alcohol

Concen: 10.930 ppbv

RT: 3.97 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

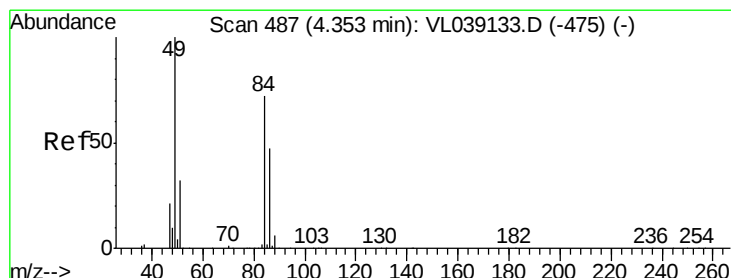
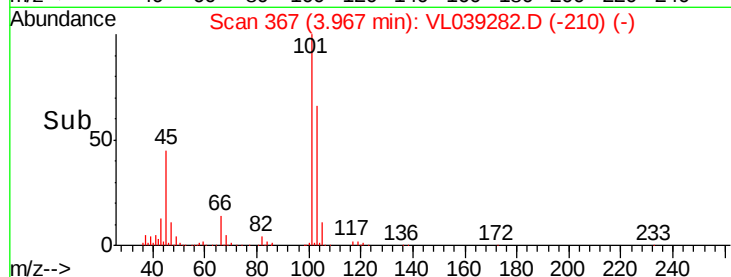
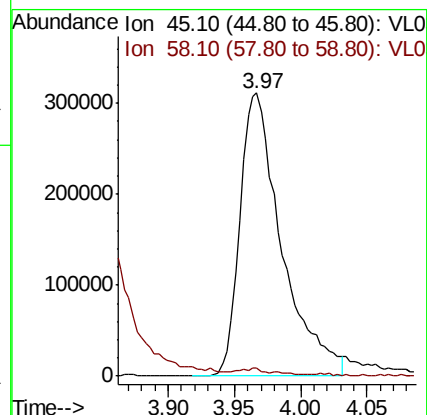
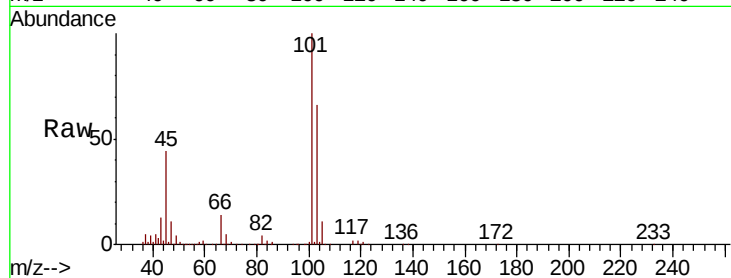
Acq: 14 Jun 2022 15:07

Tot Ion: 45 Resp: 680331

Ion Ratio Lower Upper

45 100

58 1.9 1.8 2.8



#20

Methylene Chloride

Concen: 9.150 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.00 min

Lab File: VL039282.D

Acq: 14 Jun 2022 15:07

Tgt Ion: 84 Resp: 511724

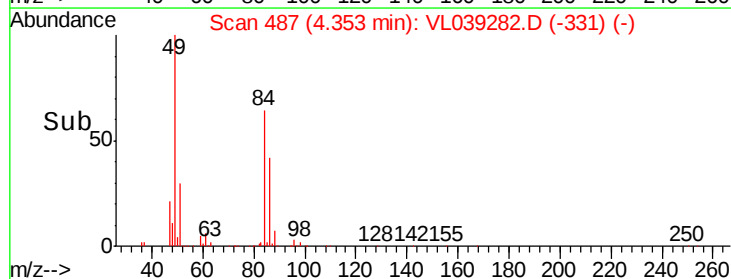
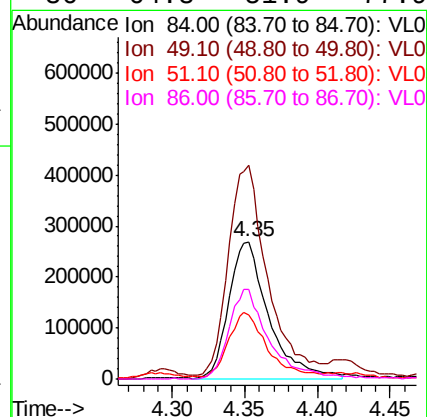
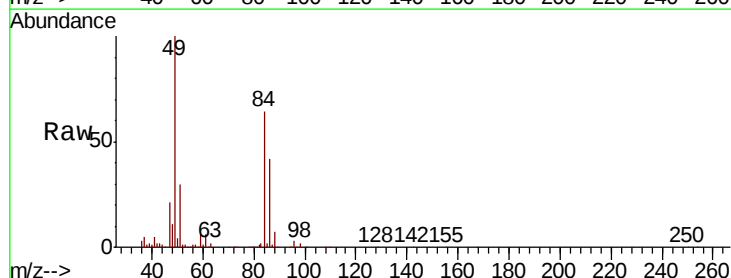
Ion Ratio Lower Upper

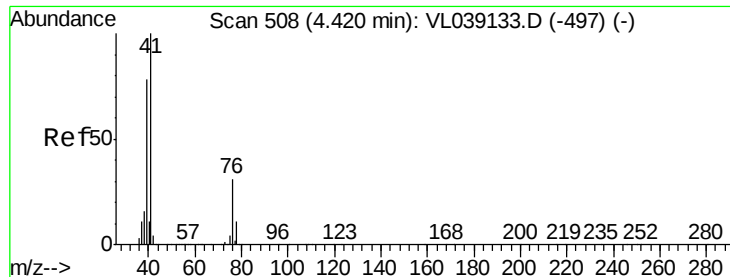
84 100

49 153.3 111.1 166.7

51 44.9 35.3 52.9

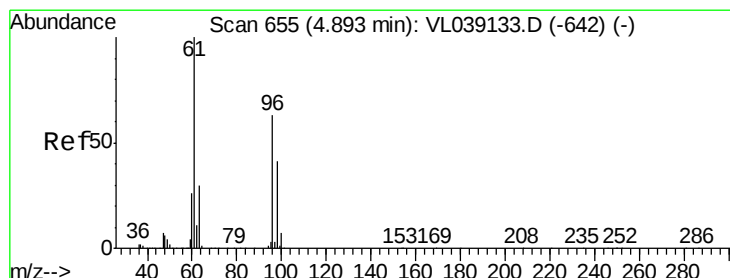
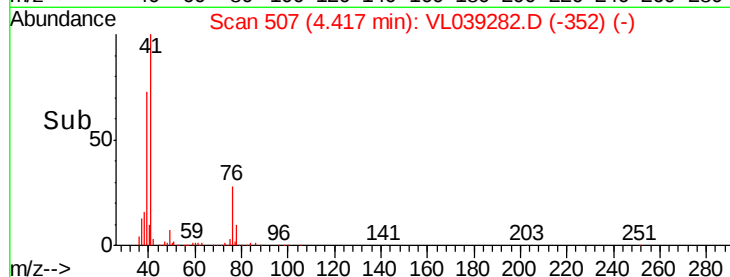
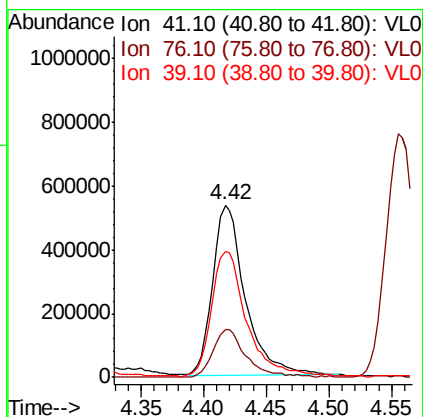
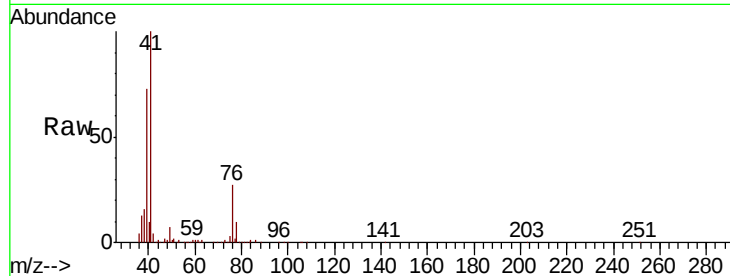
86 64.8 51.9 77.9





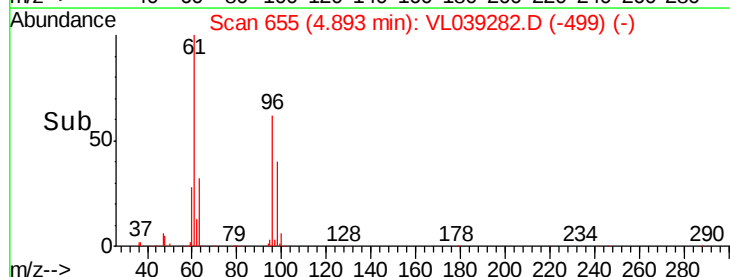
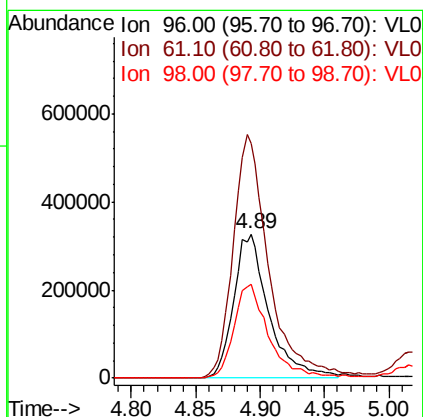
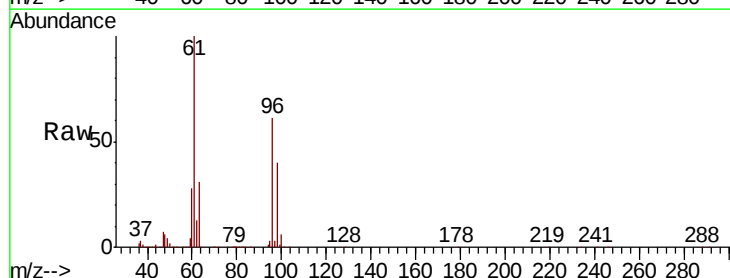
#21
Allvl Chloride
Concen: 10.845 ppbv
RT: 4.42
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0614ABS01
Acq: 14 Jun 2022 15:07

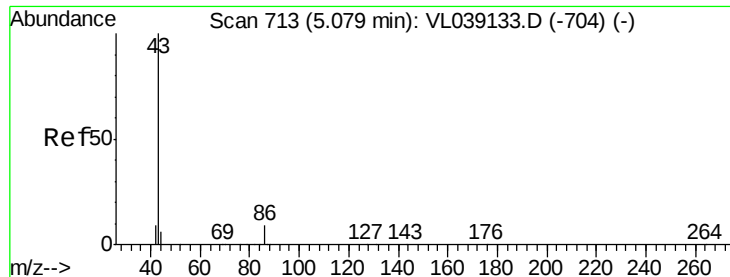
Tot Ion	Ratio	Lower	Upper
41	100		
76	28.8	24.2	36.2
39	79.0	62.2	93.2



#22
trans-1,2-Dichloroethene
Concen: 10.713 ppbv
RT: 4.89 min Scan# 655
Delta R.T. 0.00 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.1	126.6	190.0
98	65.3	52.5	78.7

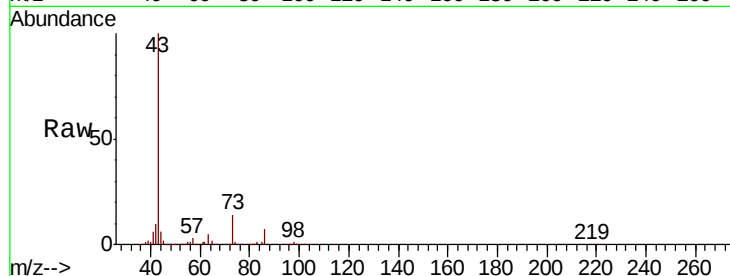




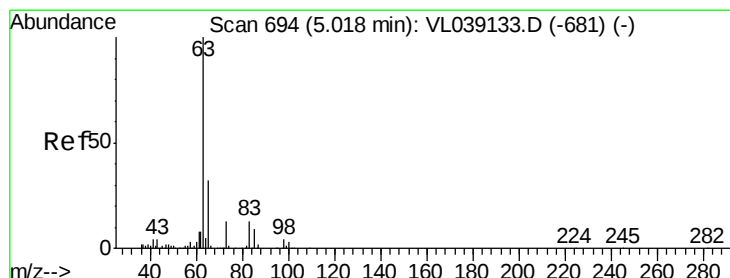
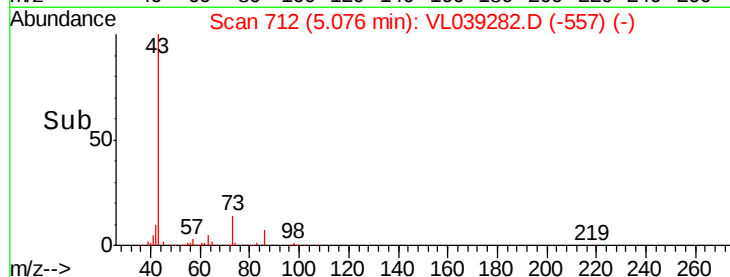
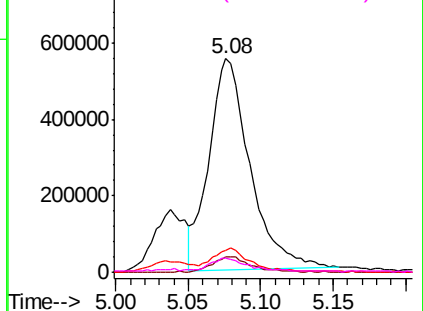
#23
 Vinyl Acetate
 Concen: 9.937 ppbv
 RT: 5.08
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0614ABS01
 Acq: 14 Jun 2022 15:07

Tot Ion: 43 Resp: 1091052

Ion	Ratio	Lower	Upper
43	100		
86	7.3	6.0	9.0
42	10.1	8.2	12.4
44	6.0	4.3	6.5



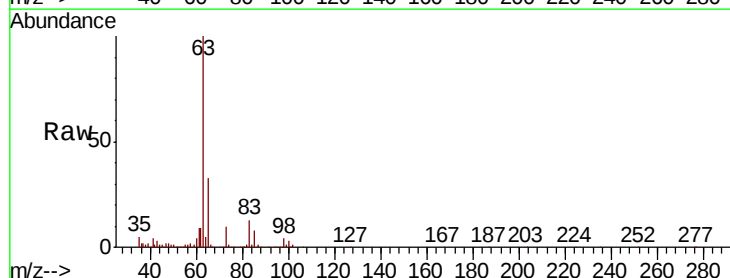
Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 86.10 (85.80 to 86.80): VL0
 Ion 42.10 (41.80 to 42.80): VL0
 Ion 44.10 (43.80 to 44.80): VL0



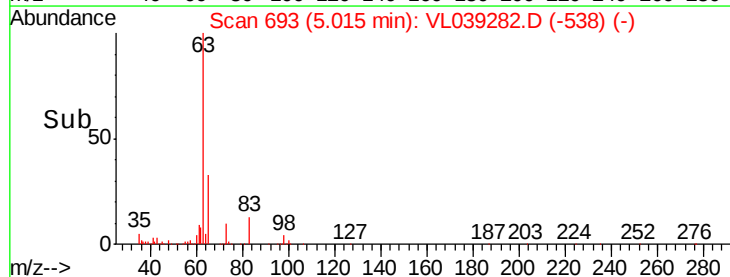
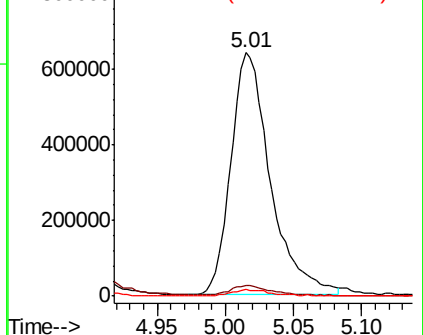
#24
 1,1-Dichloroethane
 Concen: 8.625 ppbv
 RT: 5.01 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: VL039282.D
 Acq: 14 Jun 2022 15:07

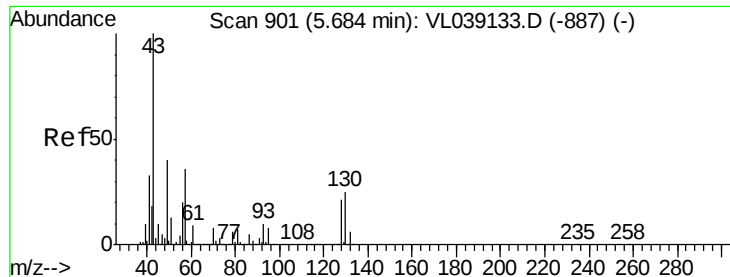
Tgt Ion: 63 Resp: 1297629

Ion	Ratio	Lower	Upper
63	100		
98	4.2	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

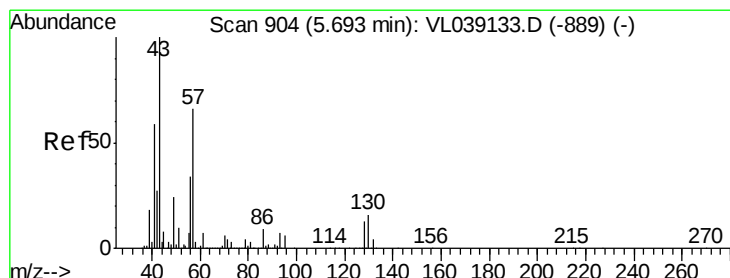
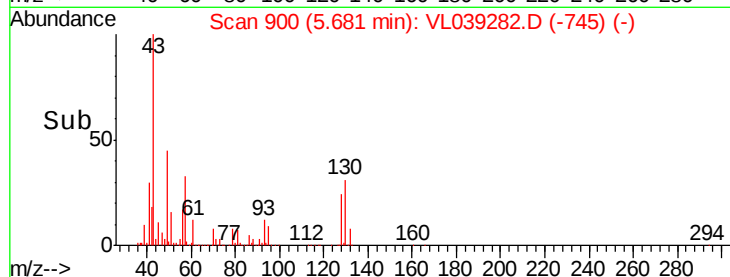
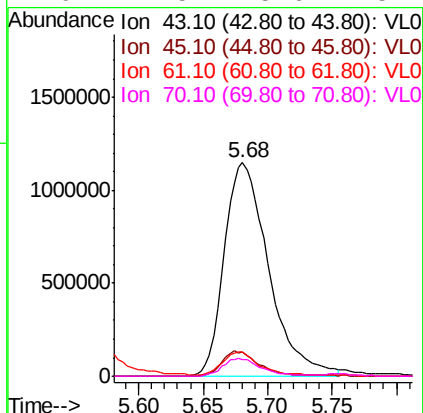
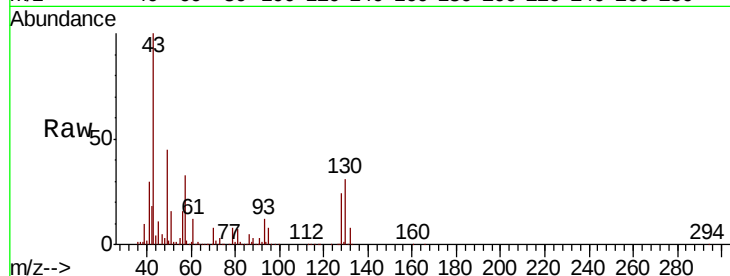




#25
Ethyl Acetate
Concen: 9.123 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VL0614ABS01
Acq: 14 Jun 2022 15:07

Tot Ion: 43 Resp: 2728771

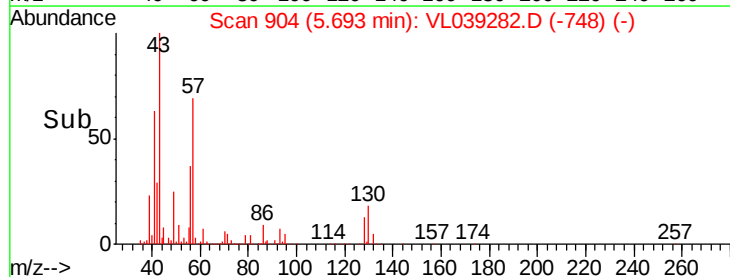
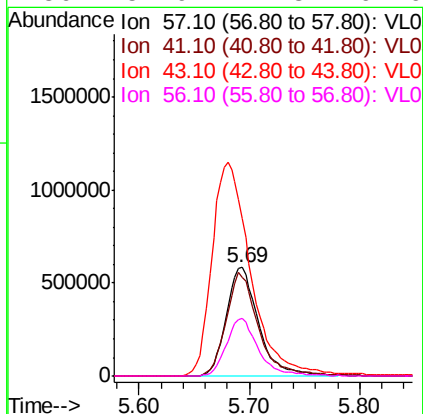
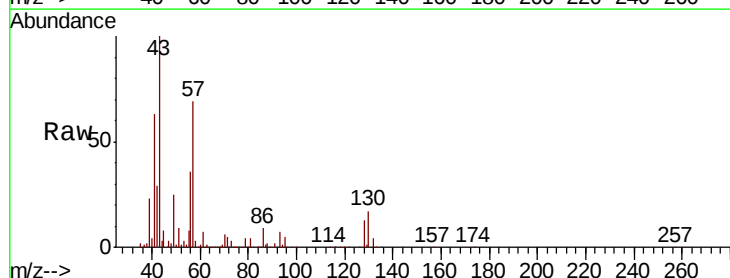
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.2	12.2
61	10.5	8.4	12.6
70	7.5	5.6	8.4

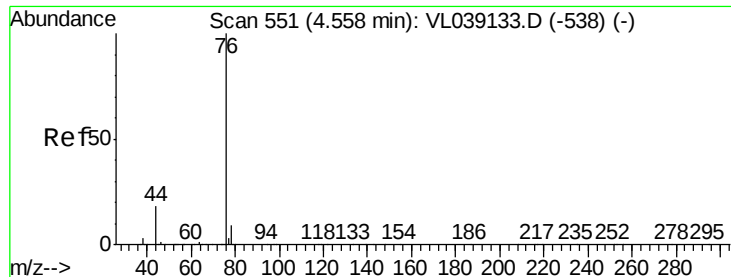


#26
Hexane
Concen: 9.039 ppbv
RT: 5.69 min Scan# 904
Delta R.T.: 0.00 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

Tgt Ion: 57 Resp: 1188180

Ion	Ratio	Lower	Upper
57	100		
41	95.7	72.4	108.6
43	236.3	187.0	280.6
56	52.9	41.8	62.6





#27

Carbon Disulfide

Concen: 10.968 ppbv

RT: 4.56 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 14 Jun 2022 15:07

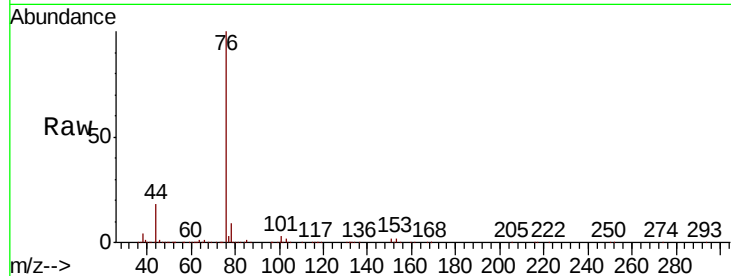
Tot Ion: 76 Resp: 1494200

Ion Ratio Lower Upper

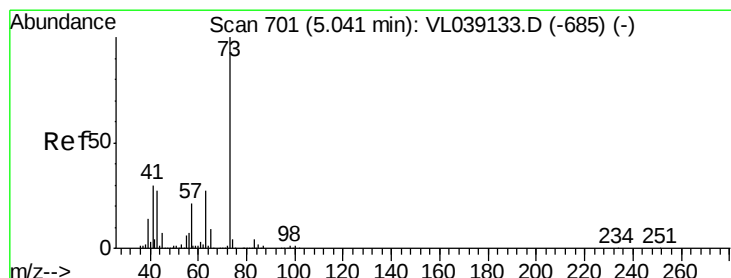
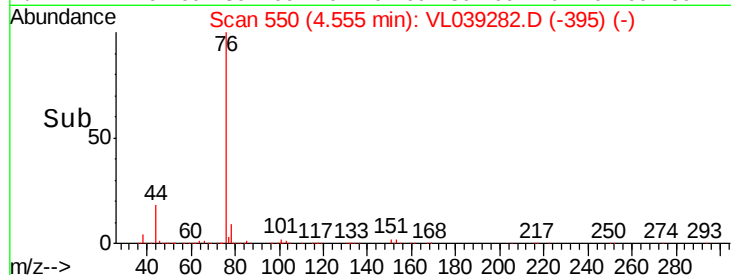
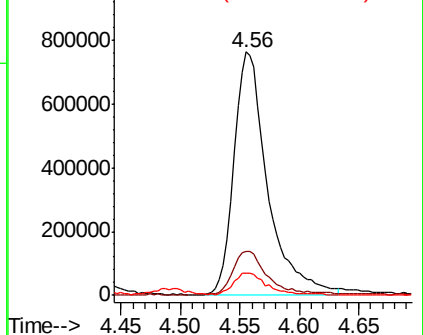
76 100

44 18.4 14.4 21.6

78 9.7 7.7 11.5



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: 8.560 ppbv

RT: 5.04 min Scan# 701

Delta R.T. 0.00 min

Lab File: VL039282.D

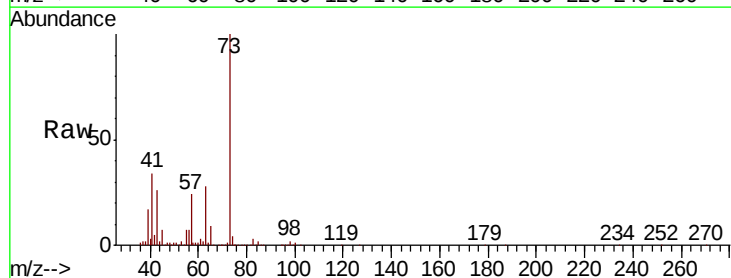
Acq: 14 Jun 2022 15:07

Tgt Ion: 73 Resp: 1242129

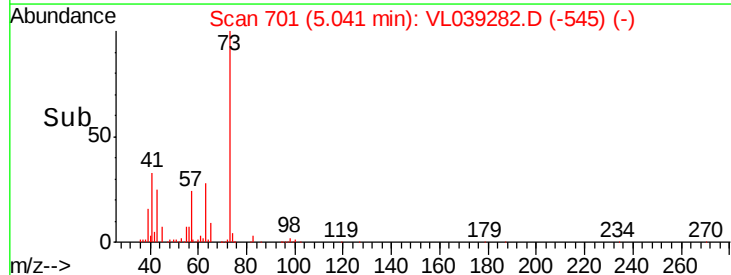
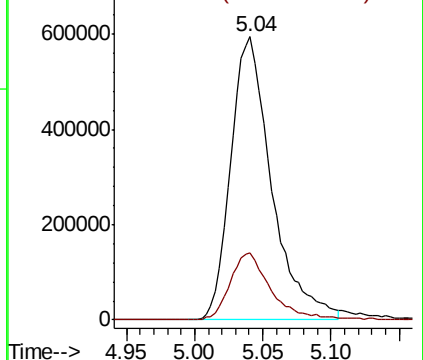
Ion Ratio Lower Upper

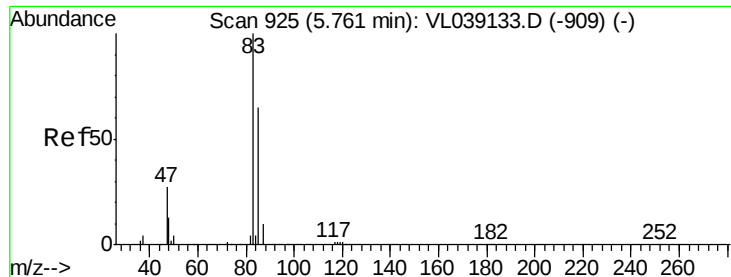
73 100

57 24.0 18.6 27.8



Abundance Ion 73.10 (72.80 to 73.80): VL0
Ion 57.10 (56.80 to 57.80): VL0





#29

Chloroform

Concen: 8.723 ppbv

RT: 5.76 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

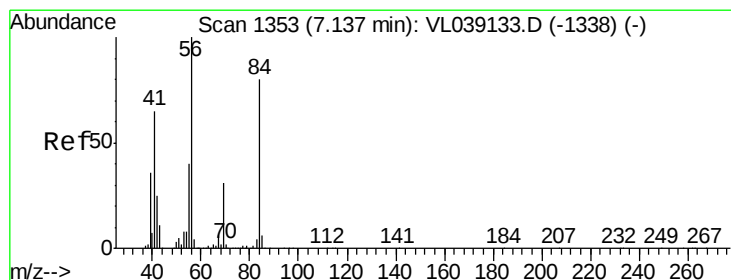
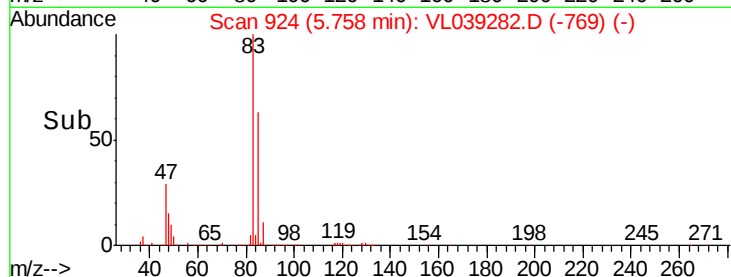
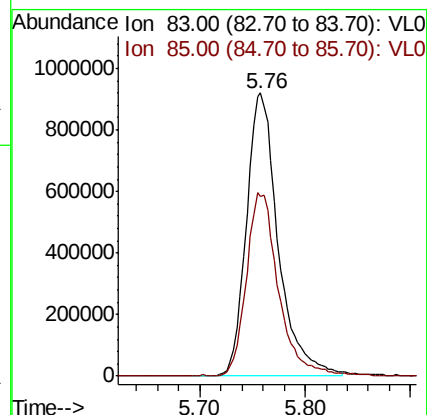
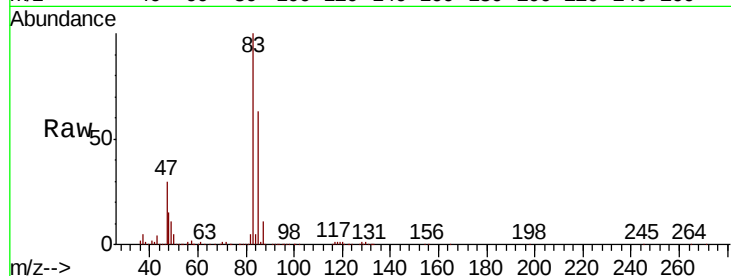
Acq: 14 Jun 2022 15:07 VL0614ABS01

Tot Ion: 83 Resp: 1929353

Ion Ratio Lower Upper

83 100

85 63.0 52.4 78.6



#30

Cyclohexane

Concen: 9.164 ppbv

RT: 7.13 min Scan# 1352

Delta R.T. -0.00 min

Lab File: VL039282.D

Acq: 14 Jun 2022 15:07

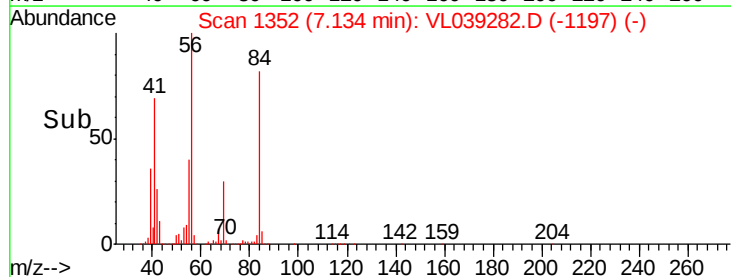
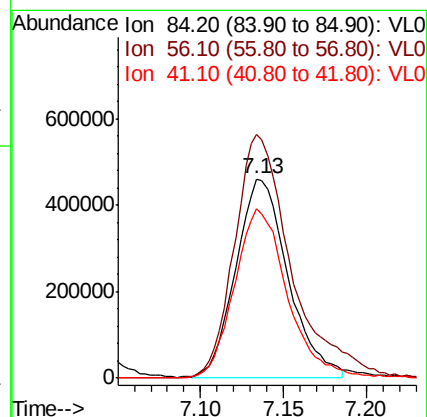
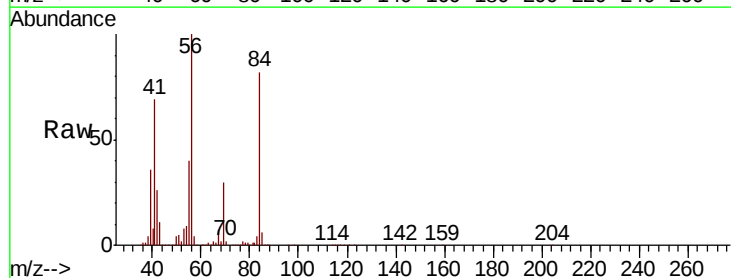
Tgt Ion: 84 Resp: 1011900

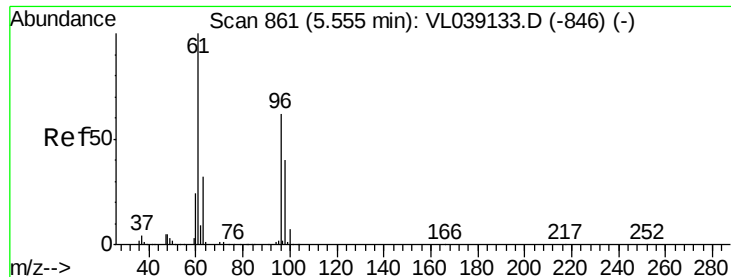
Ion Ratio Lower Upper

84 100

56 133.9 110.6 165.8

41 86.8 68.9 103.3





#31

cis-1,2-Dichloroethene

Concen: 8.875 ppbv

RT: 5.56 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 14 Jun 2022 15:07 VL0614ABS01

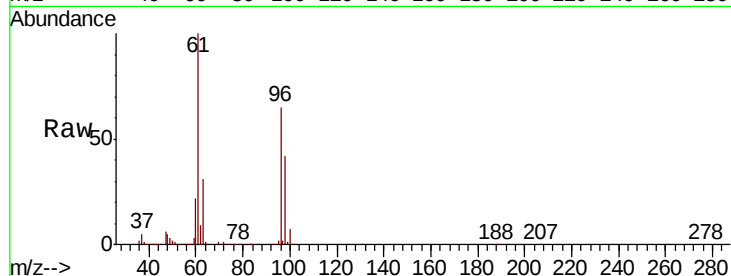
Tot Ion: 61 Resp: 1189561

Ion Ratio Lower Upper

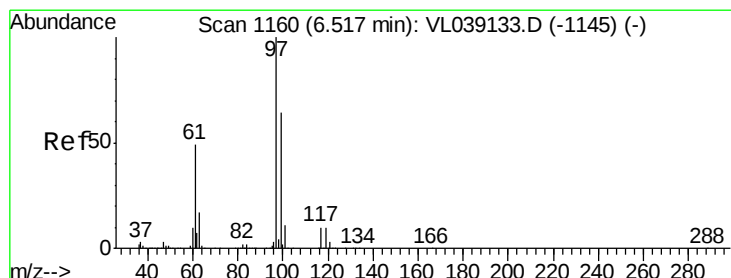
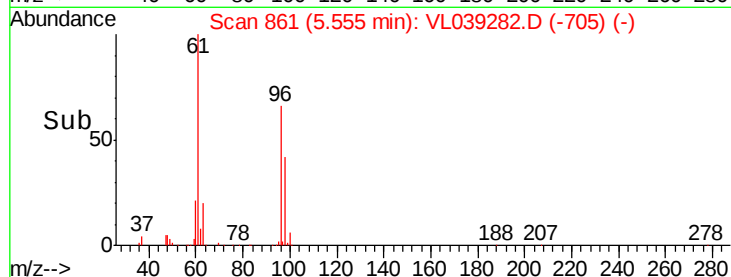
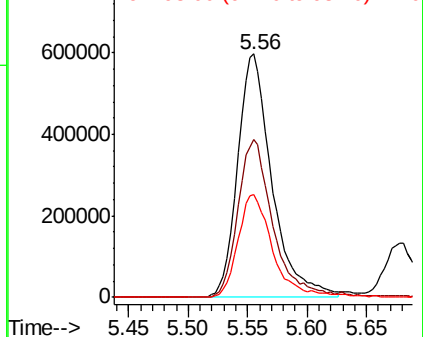
61 100

96 65.0 49.9 74.9

98 42.0 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: 9.123 ppbv

RT: 6.52 min Scan# 1160

Delta R.T. 0.00 min

Lab File: VL039282.D

Acq: 14 Jun 2022 15:07

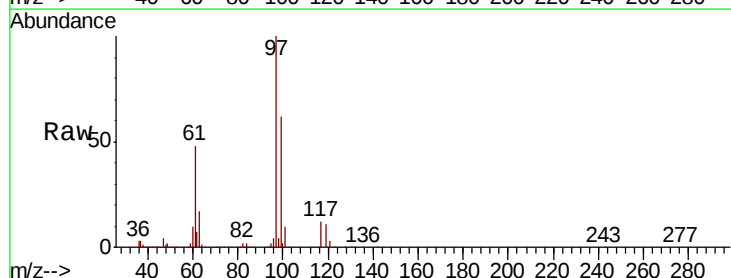
Tgt Ion: 97 Resp: 1974565

Ion Ratio Lower Upper

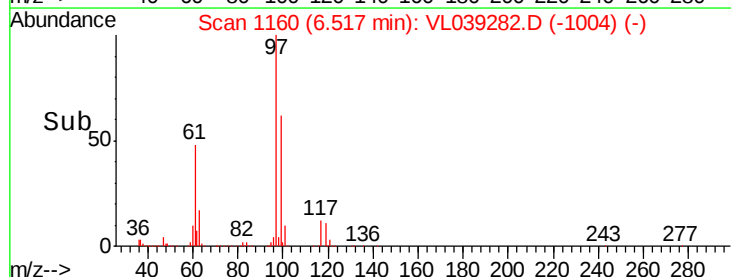
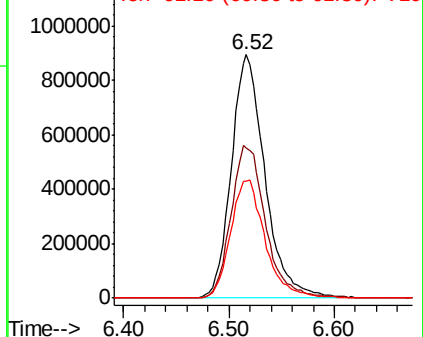
97 100

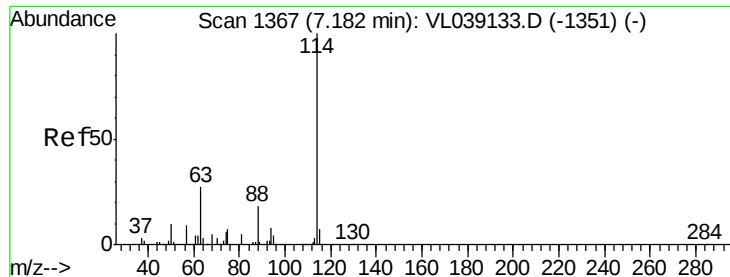
99 64.6 52.1 78.1

61 50.4 40.0 60.0



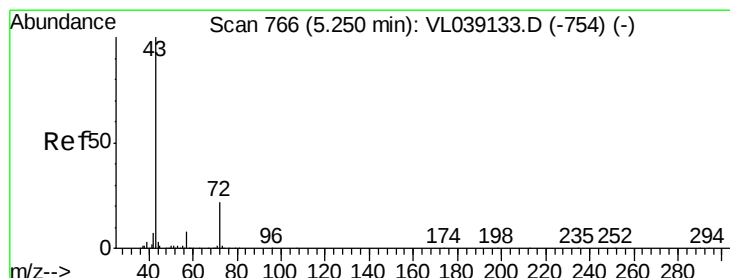
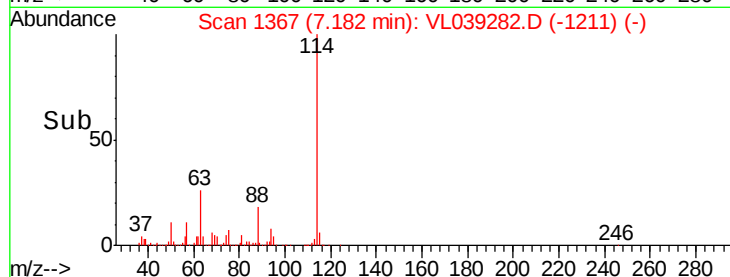
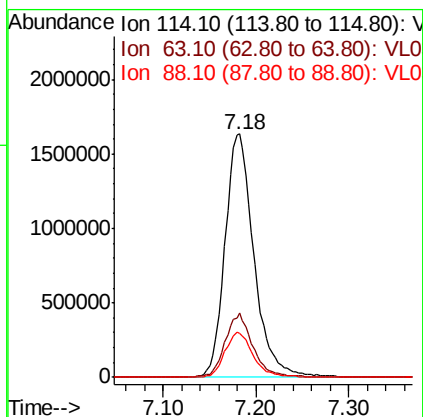
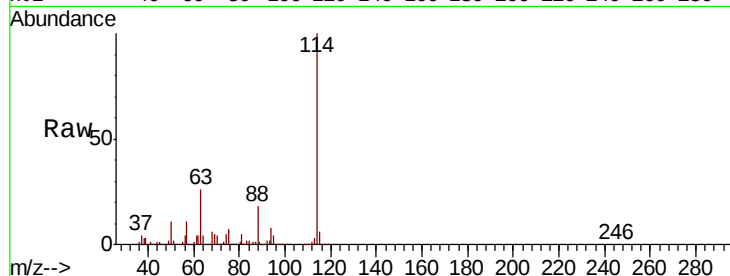
Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 99.00 (98.70 to 99.70): VL0
Ion 61.10 (60.80 to 61.80): VL0





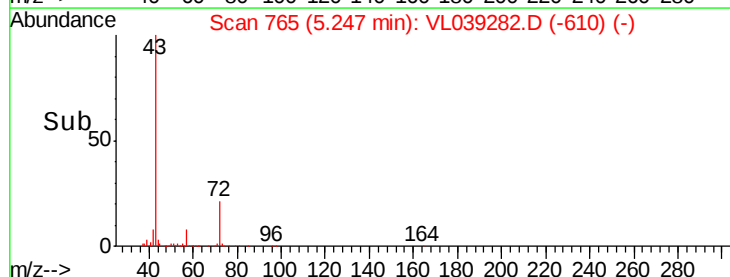
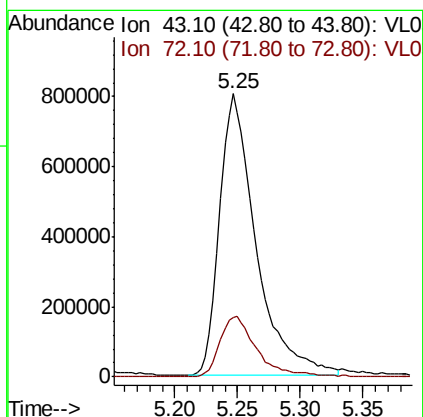
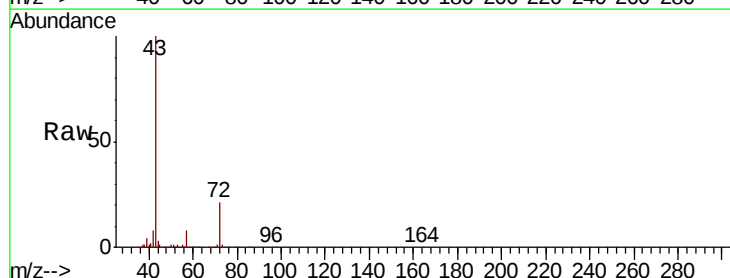
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0614ABS01
 Acq: 14 Jun 2022 15:07

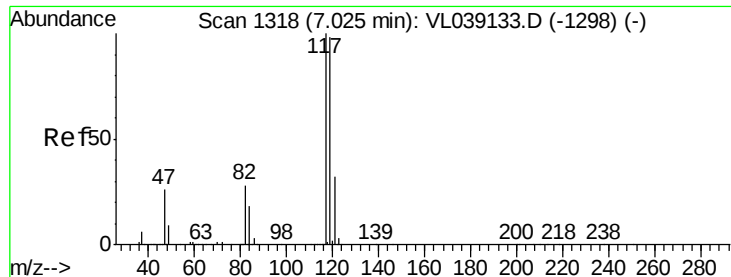
Tot Ion:114 Resp: 3534497
 Ion Ratio Lower Upper
 114 100
 63 25.5 21.7 32.5
 88 18.2 14.8 22.2



#34
 2-Butanone
 Concen: 8.436 ppbv
 RT: 5.25 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: VL039282.D
 Acq: 14 Jun 2022 15:07

Tgt Ion: 43 Resp: 1619827
 Ion Ratio Lower Upper
 43 100
 72 22.4 18.2 27.2

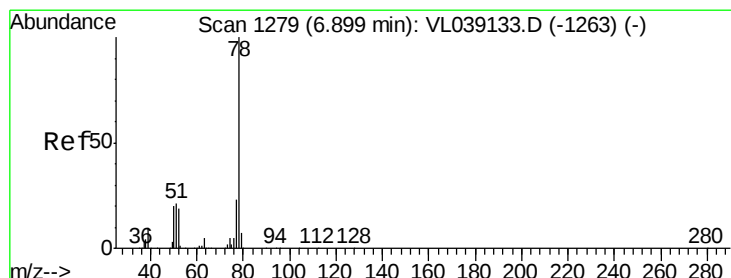
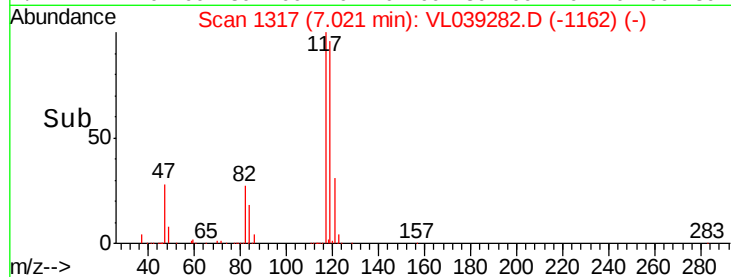
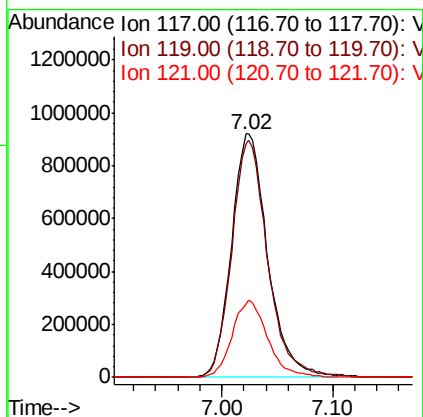
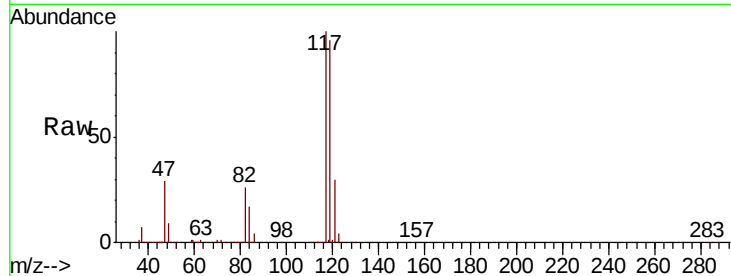




#35
Carbon Tetrachloride
Concen: 8.108 ppbv
RT: 7.02
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0614ABS01
Acq: 14 Jun 2022 15:07

Tot Ion:117 Resp: 2091630

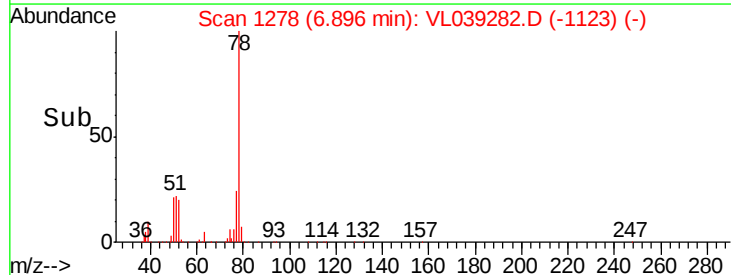
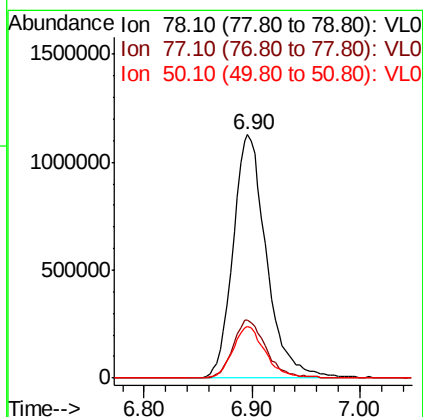
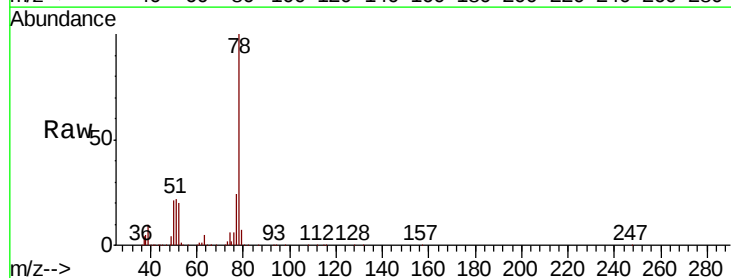
Ion	Ratio	Lower	Upper
117	100		
119	95.8	78.6	118.0
121	30.3	25.4	38.0

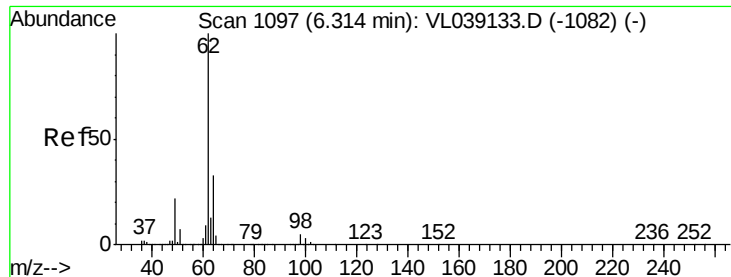


#36
Benzene
Concen: 8.463 ppbv
RT: 6.90 min Scan# 1278
Delta R.T. -0.00 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

Tgt Ion: 78 Resp: 2428306

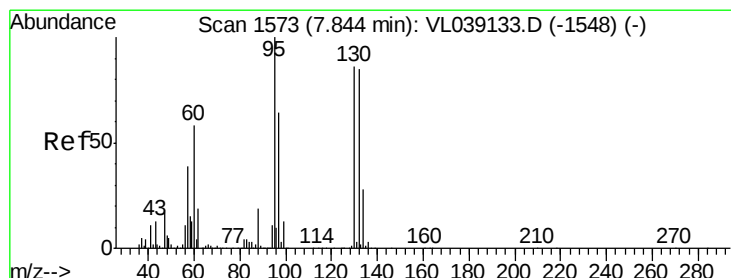
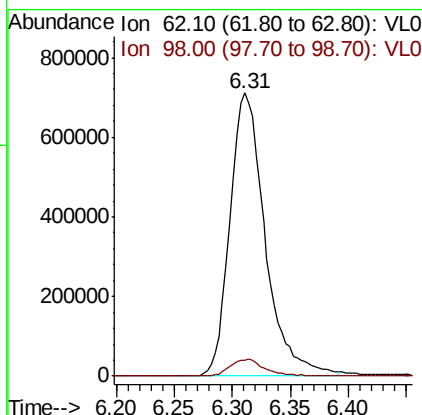
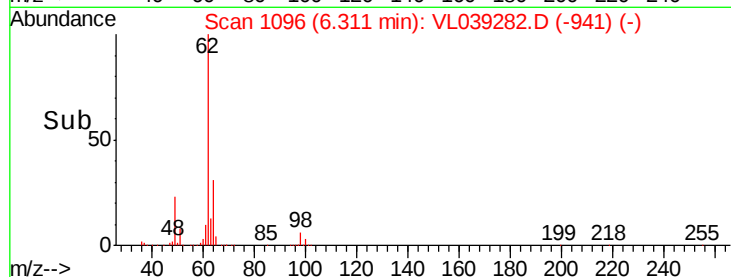
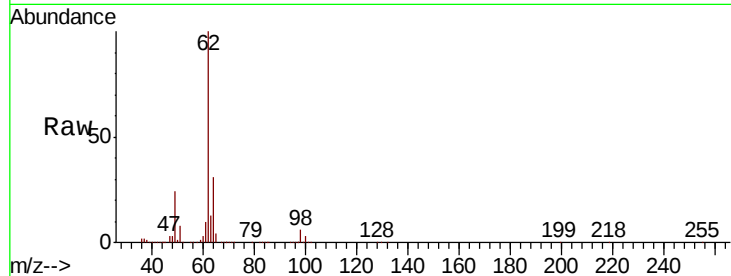
Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.6	27.8
50	21.3	15.8	23.8





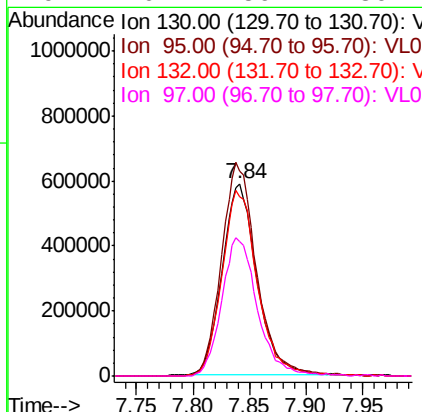
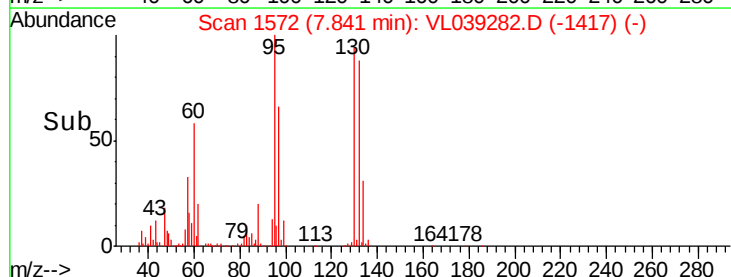
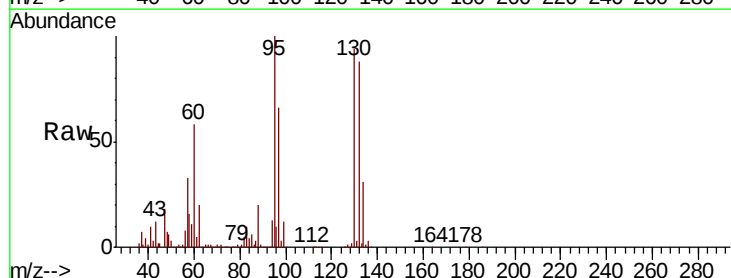
#37
 1,2-Dichloroethane
 Concen: 7.925 ppbv
 RT: 6.31
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0614ABS01
 Acq: 14 Jun 2022 15:07

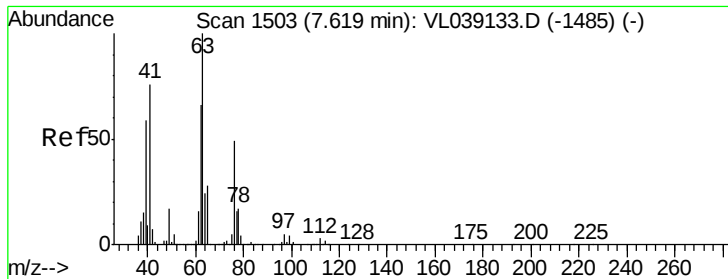
Tot Ion: 62 Resp: 1496702
 Ion Ratio Lower Upper
 62 100
 98 6.1 4.3 6.5



#38
 Trichloroethene
 Concen: 9.496 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VL039282.D
 Acq: 14 Jun 2022 15:07

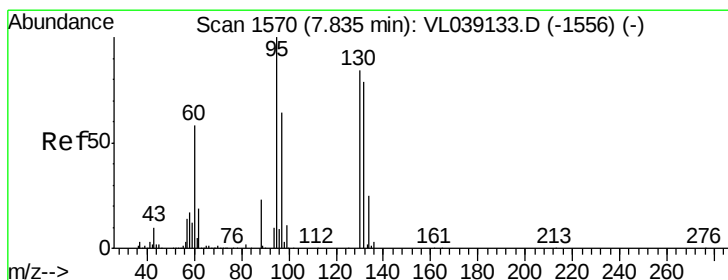
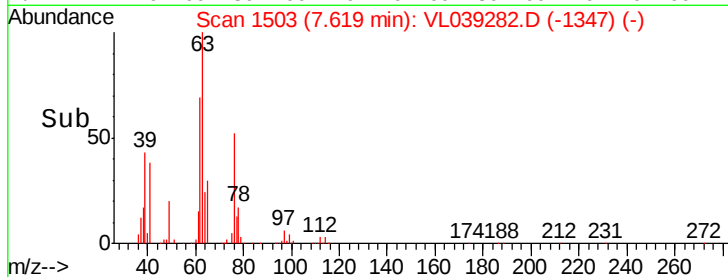
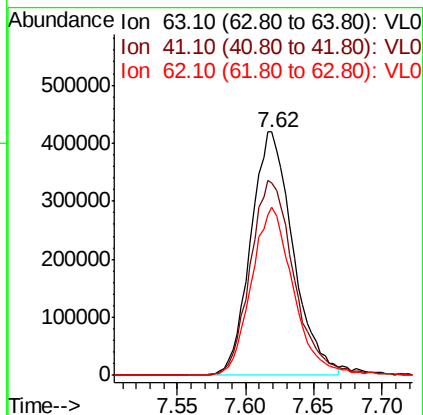
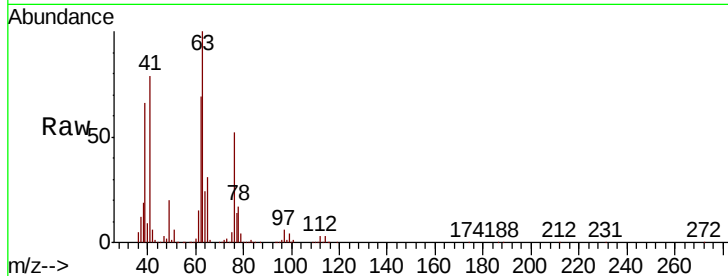
Tgt Ion:130 Resp: 1251600
 Ion Ratio Lower Upper
 130 100
 95 106.8 93.3 139.9
 132 93.7 79.0 118.4
 97 70.1 59.4 89.2





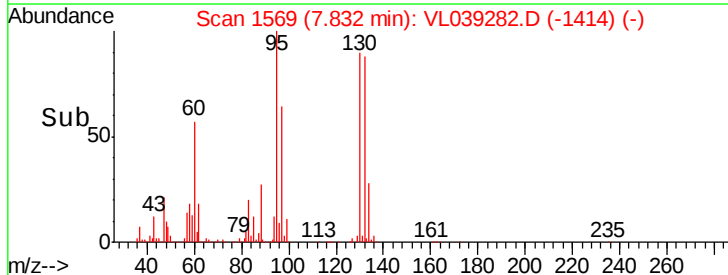
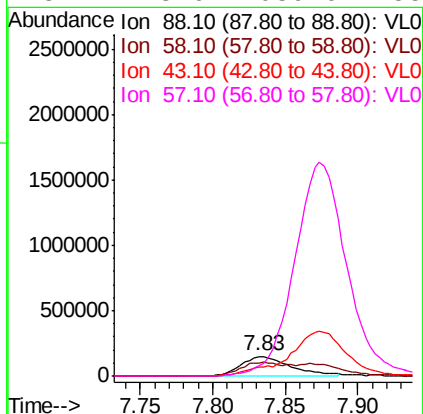
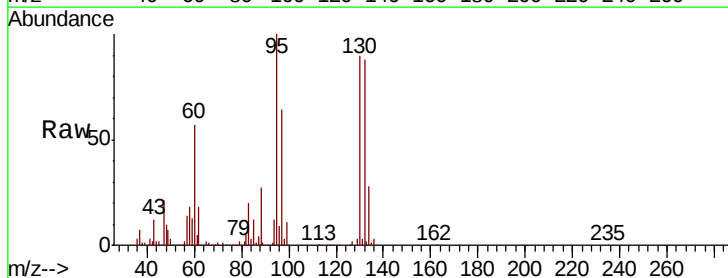
#39
 1,2-Dichloropropane
 Concen: 7.885 ppbv
 RT: 7.62
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0614ABS01
 Acq: 14 Jun 2022 15:07

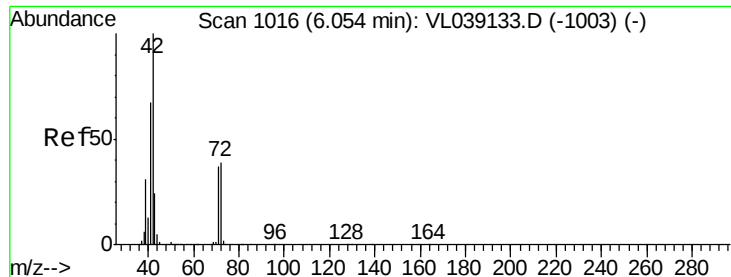
Tot Ion	Ratio	Lower	Upper
63	100		
41	79.2	60.8	91.2
62	68.8	52.9	79.3



#40
 1,4-Dioxane
 Concen: 9.357 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: VL039282.D
 Acq: 14 Jun 2022 15:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	124.4	111.2	166.8
43	271.2	234.2	351.4
57	1173.0	1039.9	1559.9





#41

Tetrahydrofuran

Concen: 7.957 ppbv

RT: 6.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 14 Jun 2022 15:07

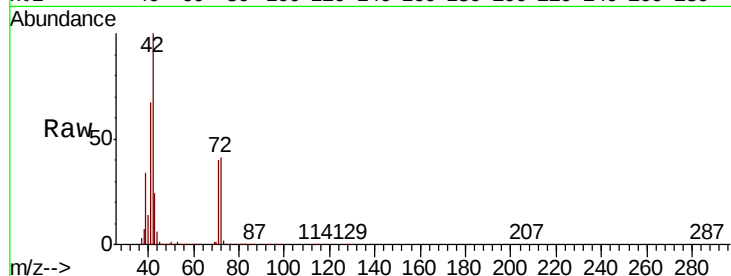
Tot Ion: 42 Resp: 918978

Ion Ratio Lower Upper

42 100

72 41.0 32.0 48.0

71 40.5 31.1 46.7



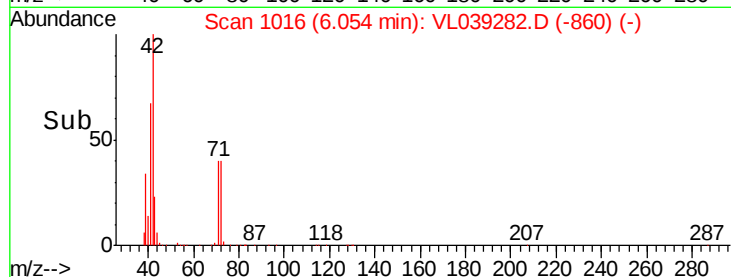
Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0

6.05

Time-->



#42

Bromodichloromethane

Concen: 7.941 ppbv

RT: 7.80 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VL039282.D

Acq: 14 Jun 2022 15:07

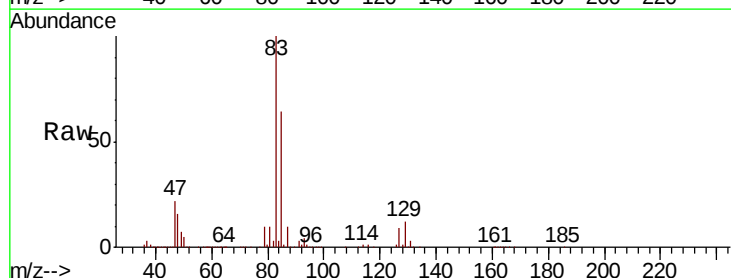
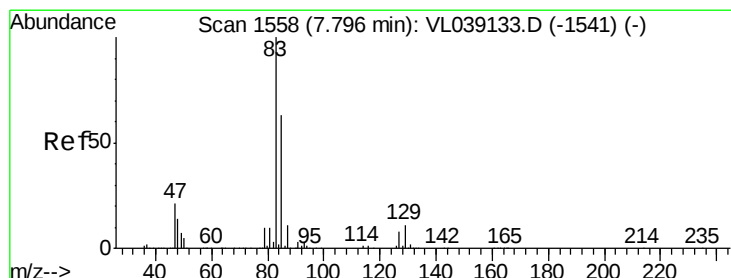
Tgt Ion: 83 Resp: 2081166

Ion Ratio Lower Upper

83 100

85 63.6 50.2 75.4

127 9.3 6.6 9.8



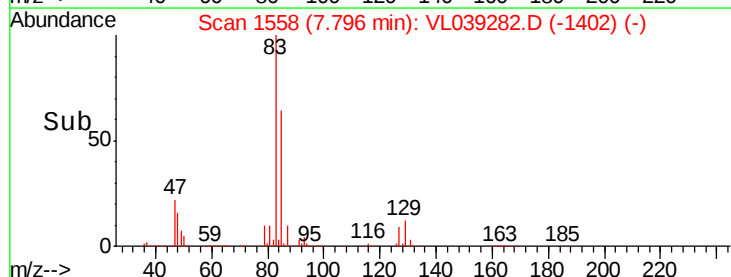
Abundance Ion 83.00 (82.70 to 83.70): VL0

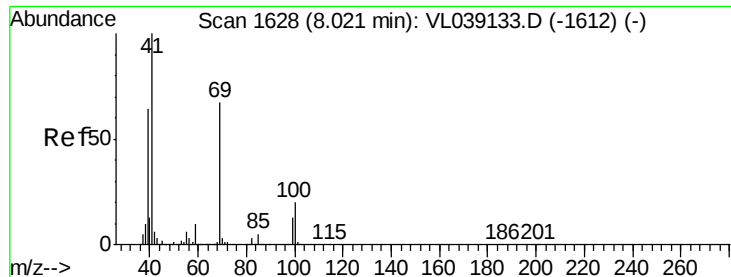
Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): V

7.80

Time-->





#43

Methyl Methacrylate

Concen: 8.815 ppbv

RT: 8.02

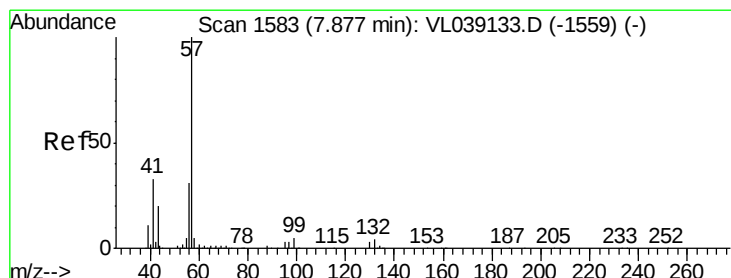
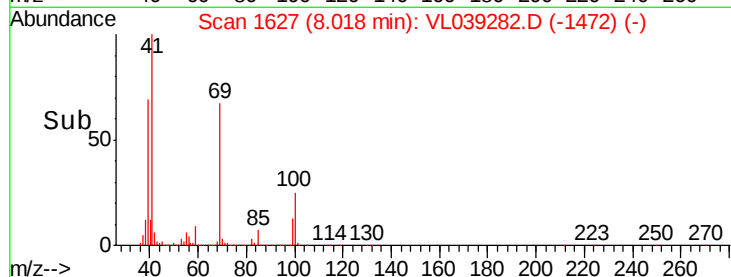
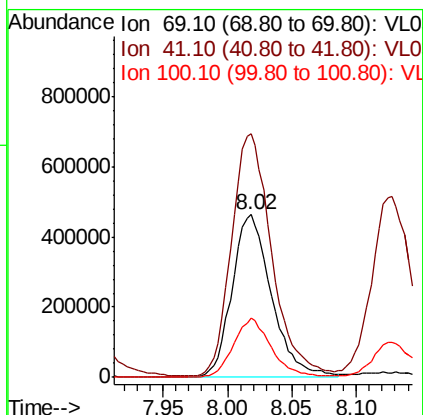
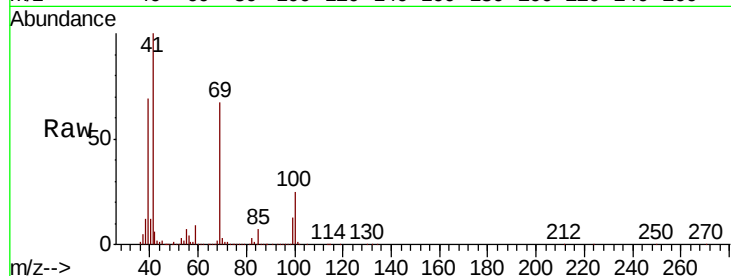
Instrument: MSVOA_1

Delta R.T.:

Lab File: ClientSampleId: VL0614ABS01

Acq: 14 Jun 2022 15:07

Tot Ion	Ratio	Lower	Upper
69	100		
41	153.2	121.9	182.9
100	35.1	24.1	36.1



#44

2,2,4-Trimethylpentane

Concen: 8.214 ppbv

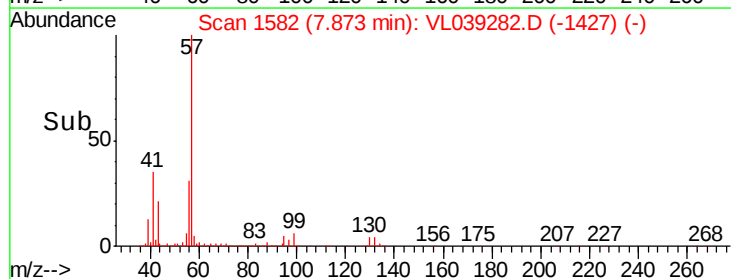
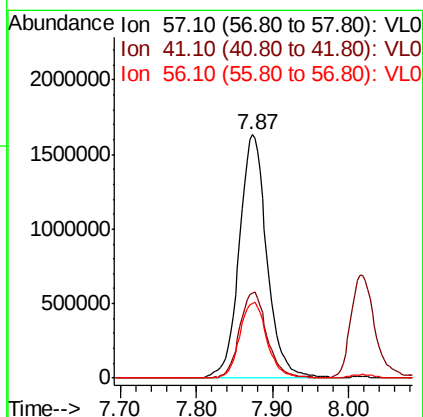
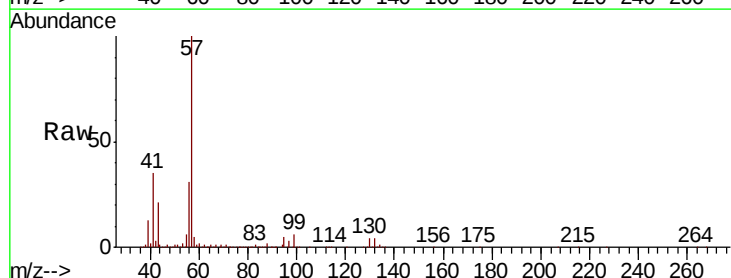
RT: 7.87 min Scan# 1582

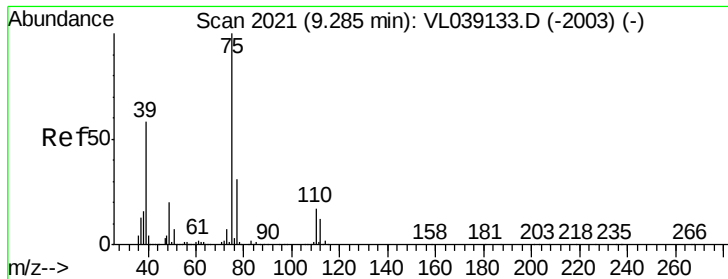
Delta R.T. -0.00 min

Lab File: VL039282.D

Acq: 14 Jun 2022 15:07

Tgt Ion	Ratio	Lower	Upper
57	100		
41	34.9	26.2	39.4
56	30.8	24.7	37.1





#45

t-1,3-Dichloropropene

Concen: 8.445 ppbv

RT: 9.28 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0614ABS01

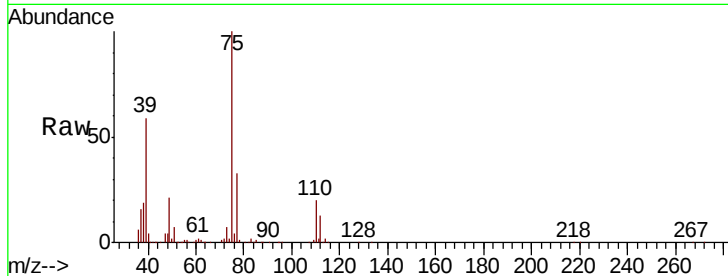
Acq: 14 Jun 2022 15:07

Tot Ion: 75 Resp: 983083

Ion Ratio Lower Upper

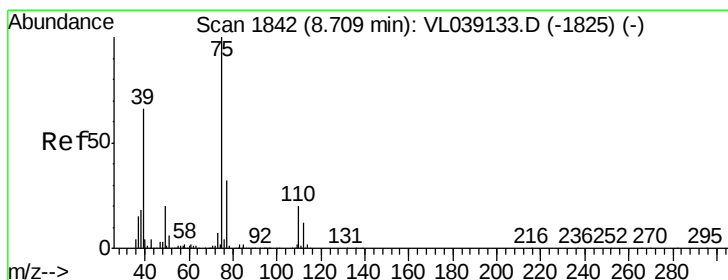
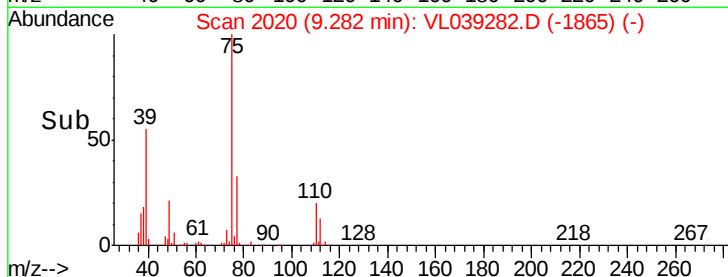
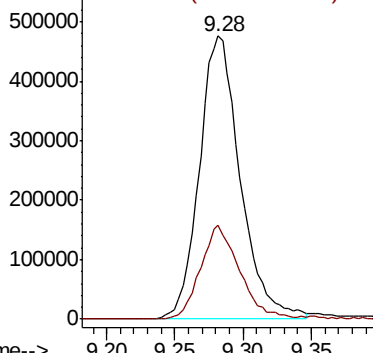
75 100

77 33.1 24.4 36.6



Abundance Ion 75.10 (74.80 to 75.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#46

cis-1,3-Dichloropropene

Concen: 8.357 ppbv

RT: 8.71 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VL039282.D

Acq: 14 Jun 2022 15:07

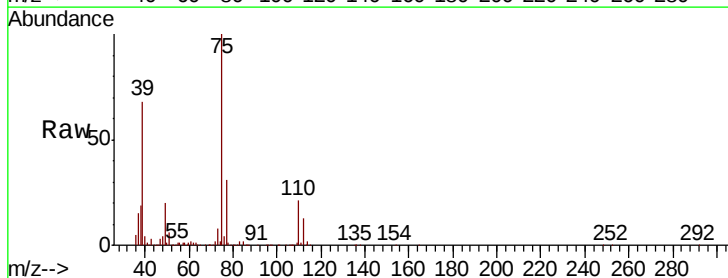
Tgt Ion: 75 Resp: 1285147

Ion Ratio Lower Upper

75 100

39 67.8 52.4 78.6

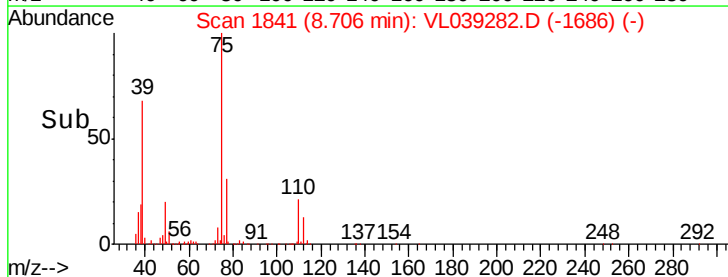
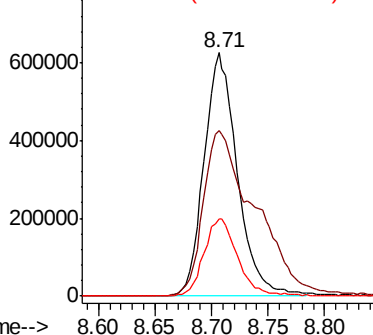
77 31.5 25.5 38.3

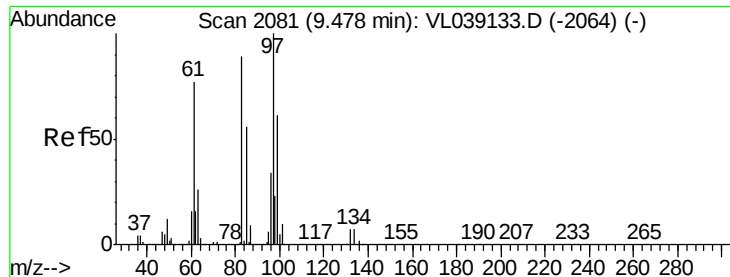


Abundance Ion 75.00 (74.70 to 75.70): VL0

Ion 39.00 (38.70 to 39.70): VL0

Ion 77.00 (76.70 to 77.70): VL0

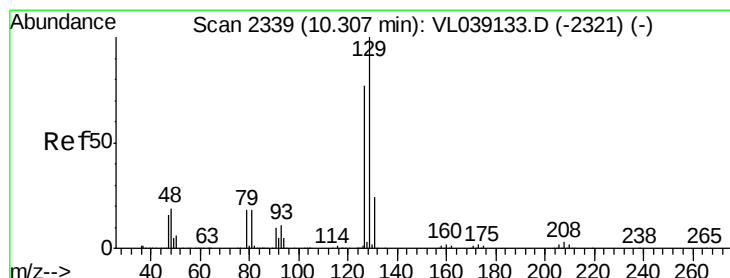
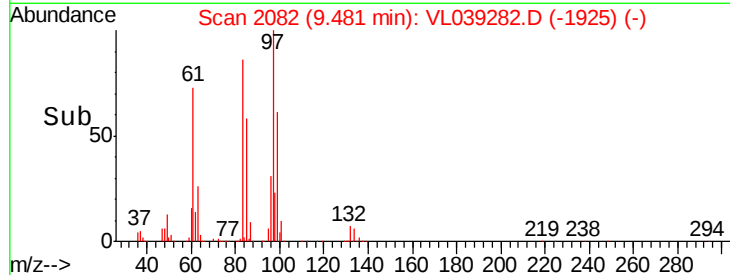
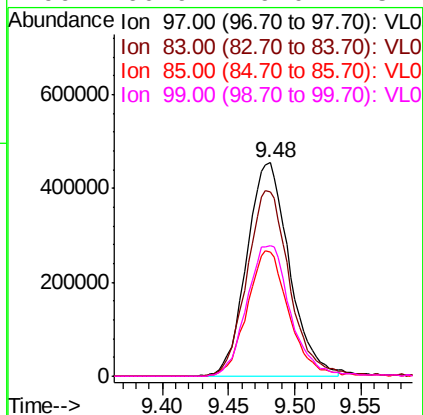
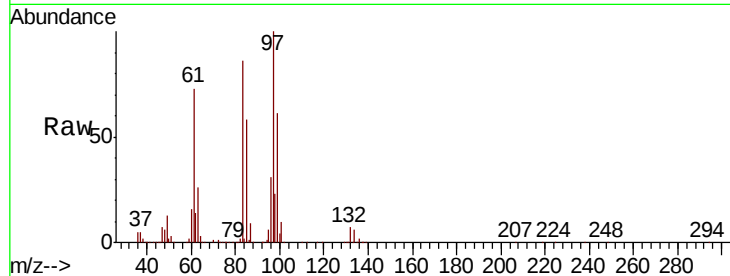




#47
 1,1,2-Trichloroethane
 Concen: 8.569 ppbv
 RT: 9.48
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0614ABS01
 Acq: 14 Jun 2022 15:07

Tot Ion: 97 Resp: 1020410

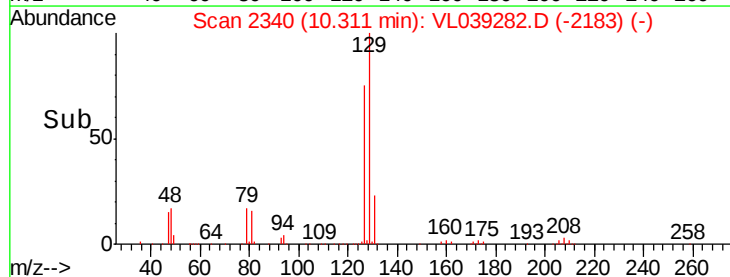
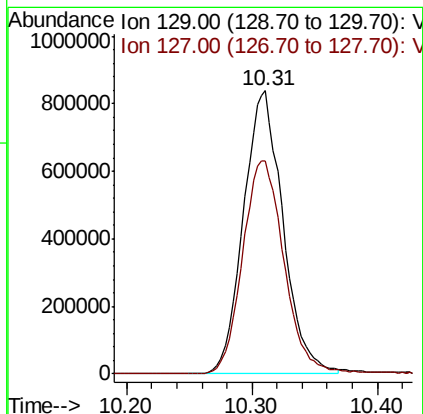
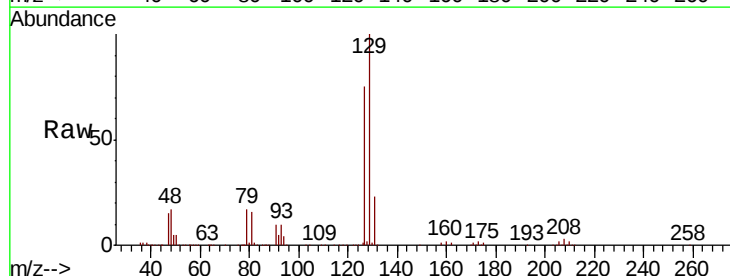
Ion	Ratio	Lower	Upper
97	100		
83	86.1	71.6	107.4
85	58.2	44.8	67.2
99	60.9	49.0	73.4

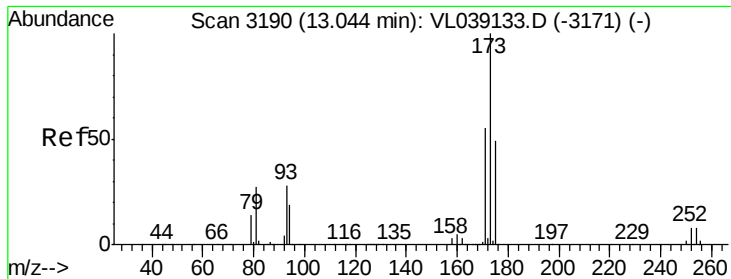


#48
 Dibromochloromethane
 Concen: 8.650 ppbv
 RT: 10.31 min Scan# 2340
 Delta R.T. 0.00 min
 Lab File: VL039282.D
 Acq: 14 Jun 2022 15:07

Tgt Ion: 129 Resp: 1839096

Ion	Ratio	Lower	Upper
129	100		
127	79.2	40.0	119.9





#49

Bromoform

Concen: 8.641 ppbv

RT: 13.04

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 14 Jun 2022 15:07

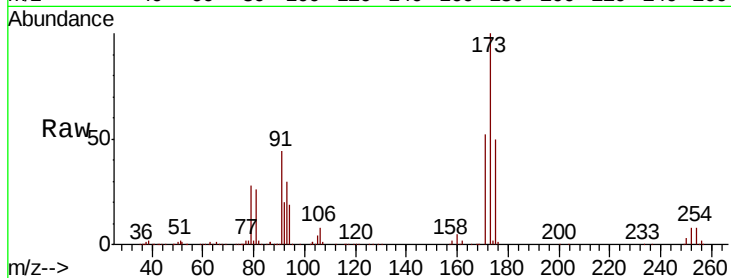
Tot Ion:173 Resp: 1531160

Ion Ratio Lower Upper

173 100

175 50.6 40.2 60.2

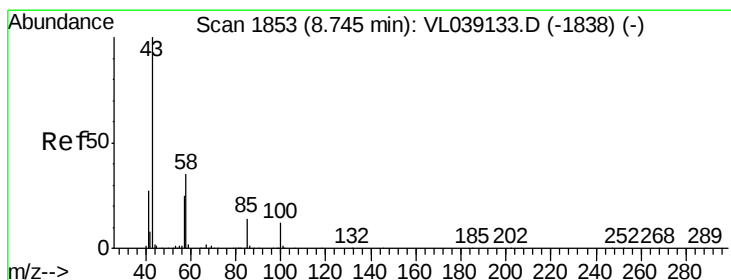
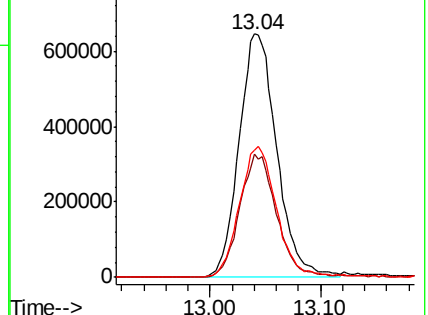
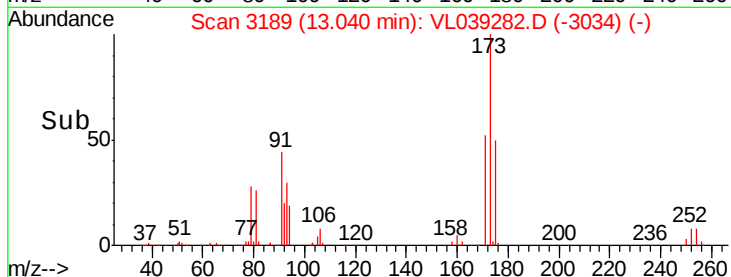
171 53.7 43.9 65.9



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 8.899 ppbv

RT: 8.74 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VL039282.D

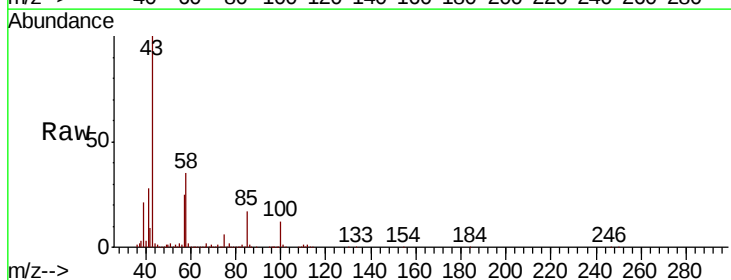
Acq: 14 Jun 2022 15:07

Tgt Ion: 43 Resp: 2557797

Ion Ratio Lower Upper

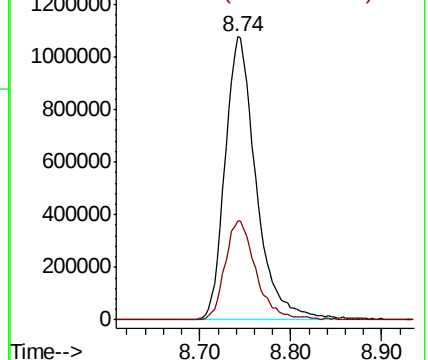
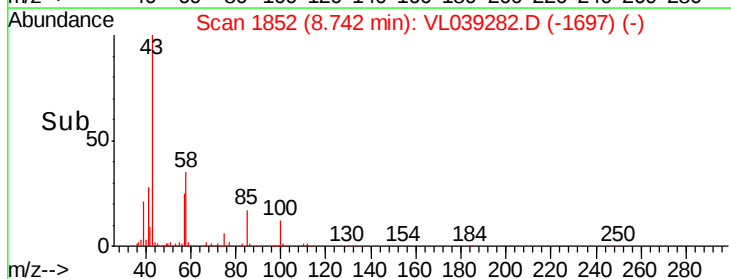
43 100

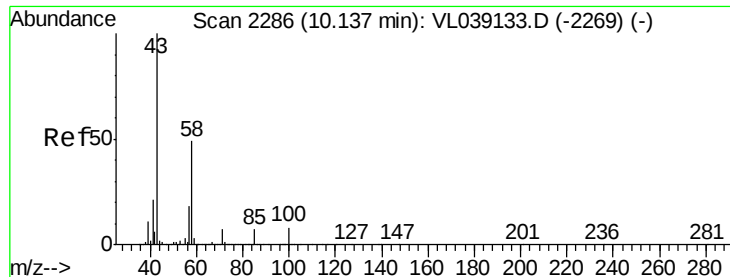
58 35.3 28.7 43.1



Abundance Ion 43.10 (42.80 to 43.80): VL0

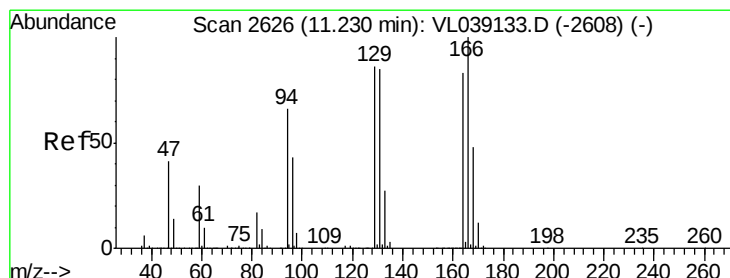
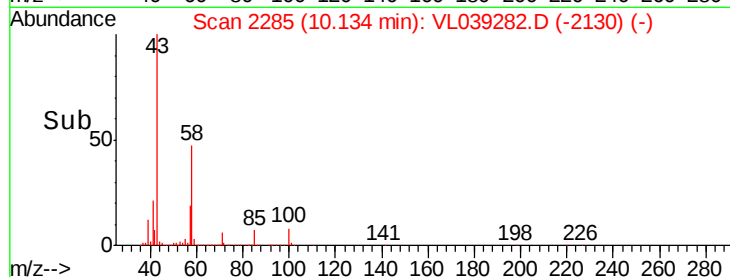
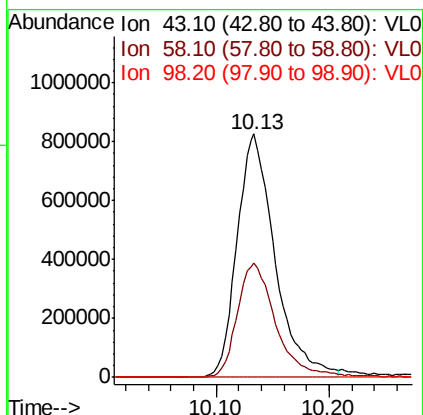
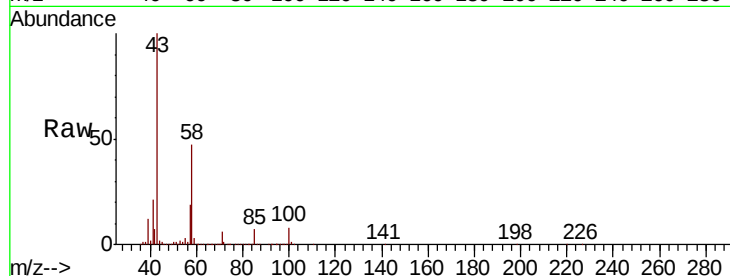
Ion 58.10 (57.80 to 58.80): VL0





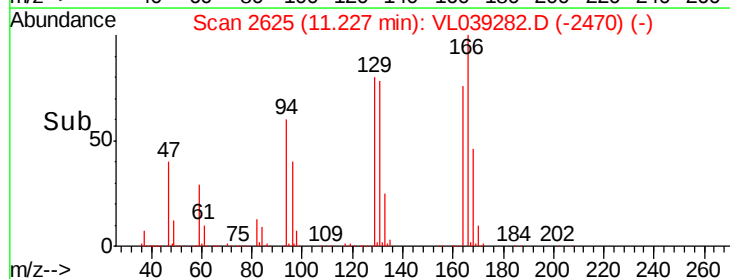
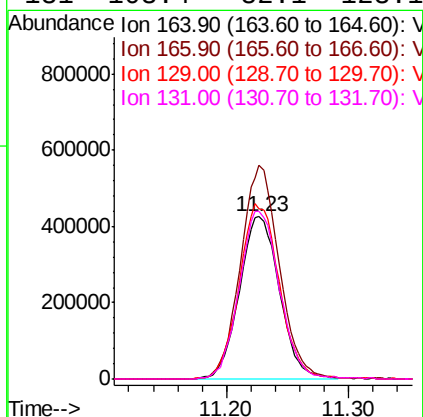
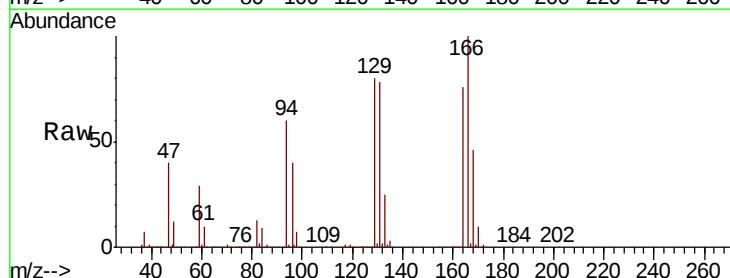
#51
2-Hexanone
Concen: 8.615 ppbv
RT: 10.13 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0614ABS01
Acq: 14 Jun 2022 15:07

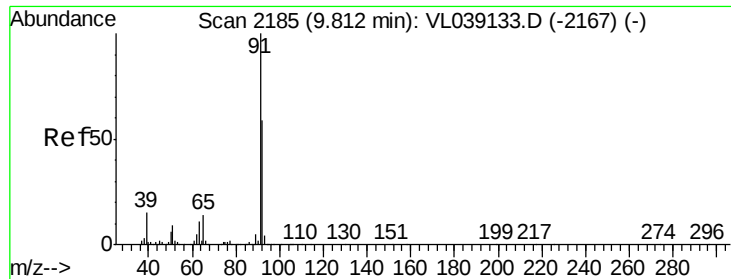
Tot Ion: 43 Resp: 1926725
Ion Ratio Lower Upper
43 100
58 47.9 40.0 60.0
98 0.3 0.1 0.1#



#52
Tetrachloroethene
Concen: 8.585 ppbv
RT: 11.23 min Scan# 2625
Delta R.T. -0.00 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

Tgt Ion: 164 Resp: 961834
Ion Ratio Lower Upper
164 100
166 131.7 96.3 144.5
129 104.7 82.5 123.7
131 103.4 82.1 123.1





#53

Toluene

Concen: 8.939 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

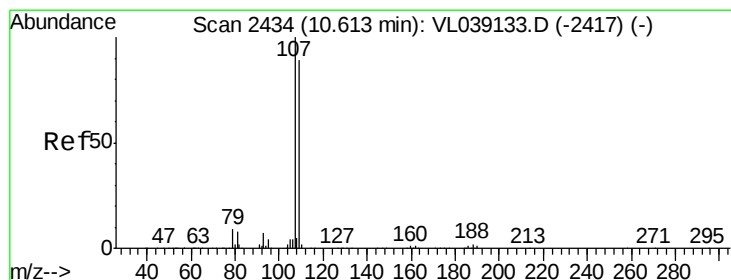
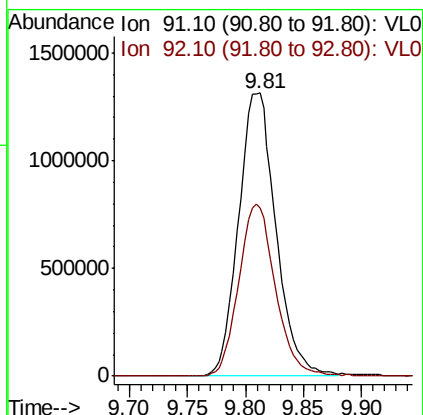
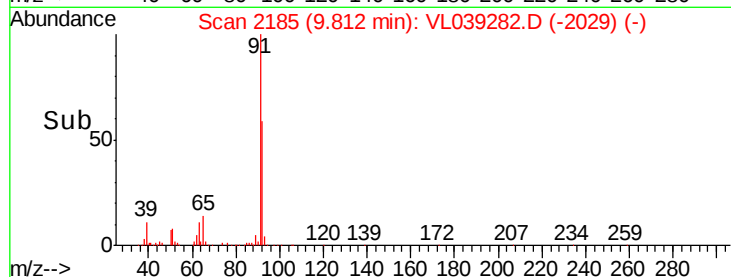
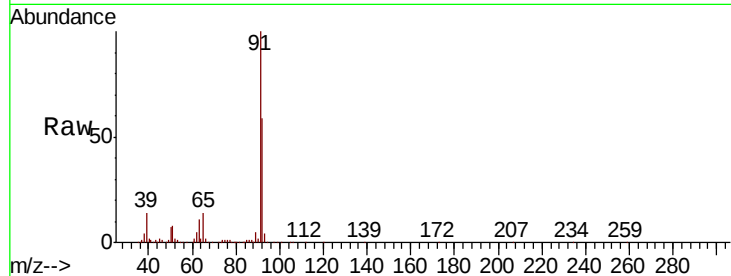
Acq: 14 Jun 2022 15:07 VL0614ABS01

Tot Ion: 91 Resp: 2953775

Ion Ratio Lower Upper

91 100

92 60.0 48.1 72.1



#54

1,2-Dibromoethane

Concen: 8.664 ppbv

RT: 10.61 min Scan# 2434

Delta R.T. 0.00 min

Lab File: VL039282.D

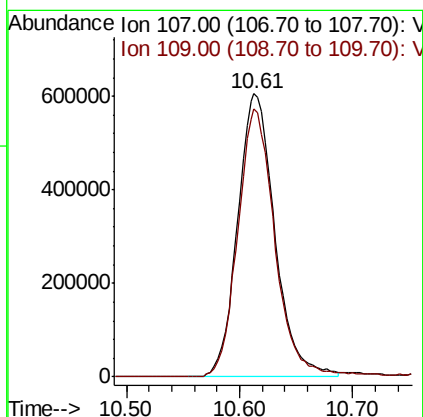
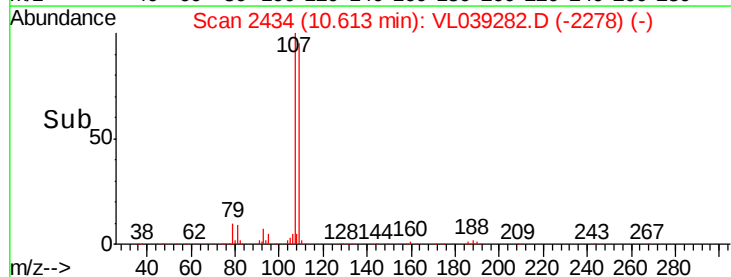
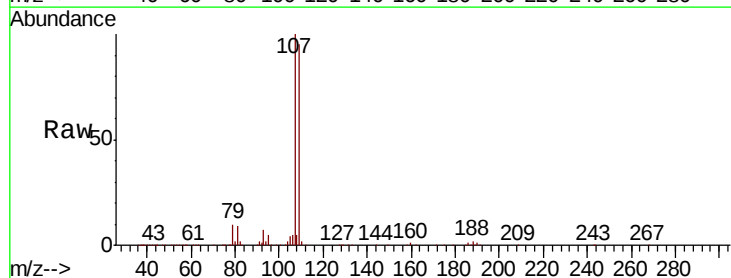
Acq: 14 Jun 2022 15:07

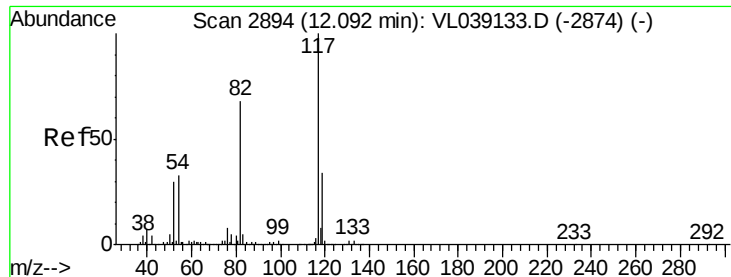
Tgt Ion: 107 Resp: 1386308

Ion Ratio Lower Upper

107 100

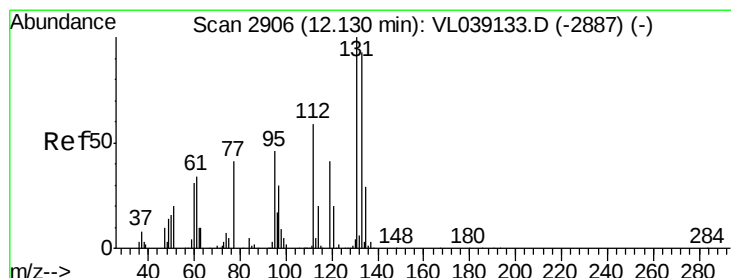
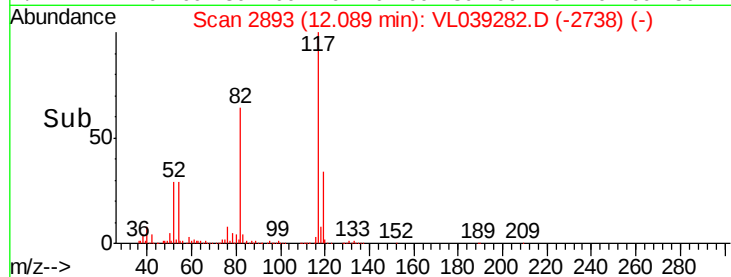
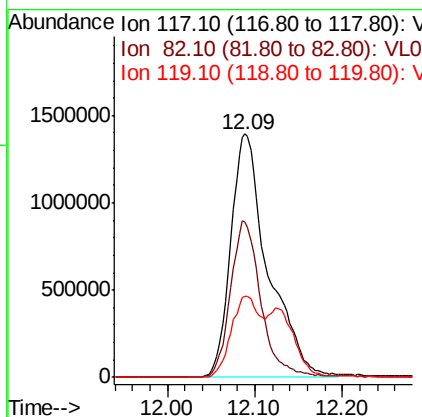
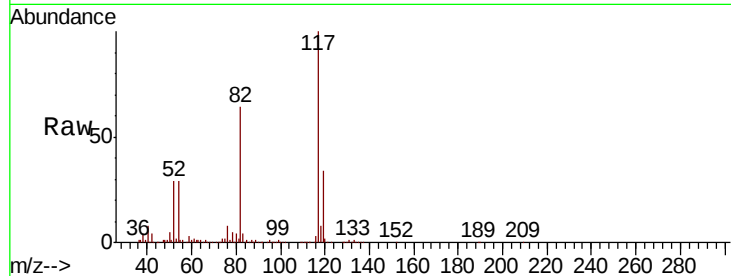
109 94.6 71.4 107.0





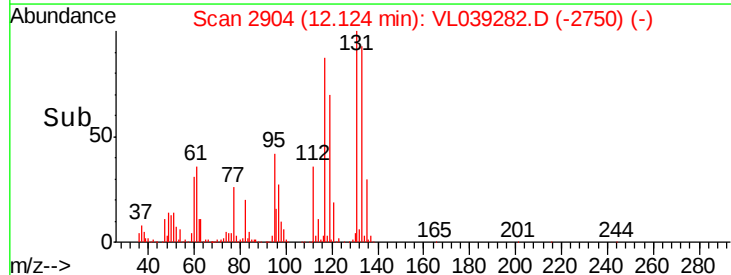
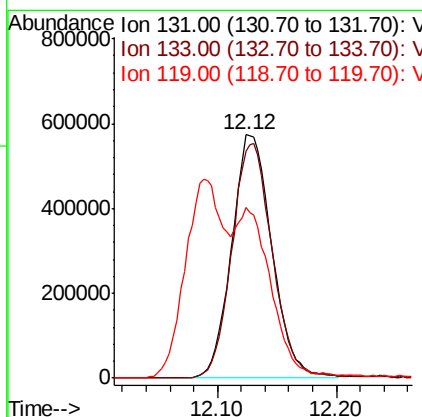
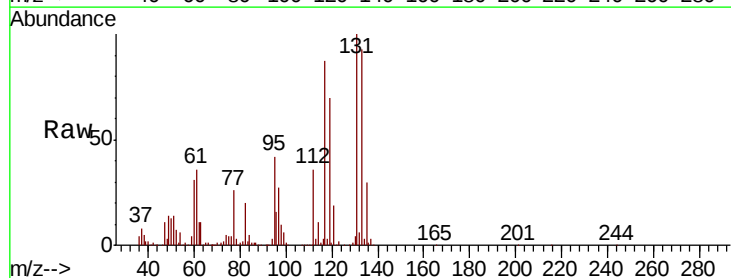
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0614ABS01
Acq: 14 Jun 2022 15:07

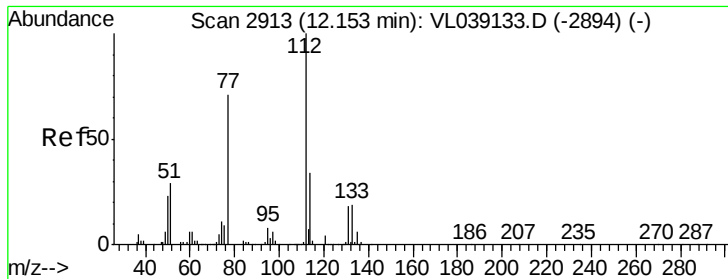
Tot Ion:117 Resp: 4127395
Ion Ratio Lower Upper
117 100
82 52.9 55.1 82.7#
119 26.2 24.7 37.1



#56
1,1,1,2-Tetrachloroethane
Concen: 6.832 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. -0.01 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

Tgt Ion:131 Resp: 1334372
Ion Ratio Lower Upper
131 100
133 98.1 78.6 117.8
119 64.2 51.7 77.5





#57

Chlorobenzene

Concen: 7.225 ppbv

RT: 12.15

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 14 Jun 2022 15:07

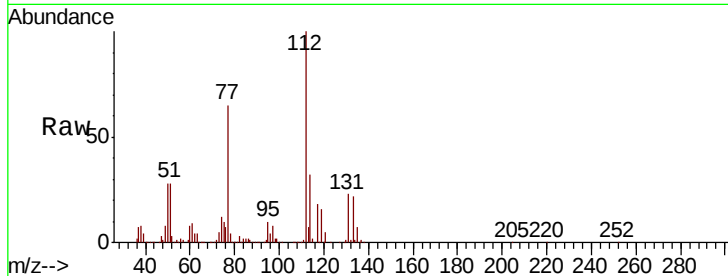
Tot Ion: 112 Resp: 2243739

Ion Ratio Lower Upper

112 100

77 64.1 56.5 84.7

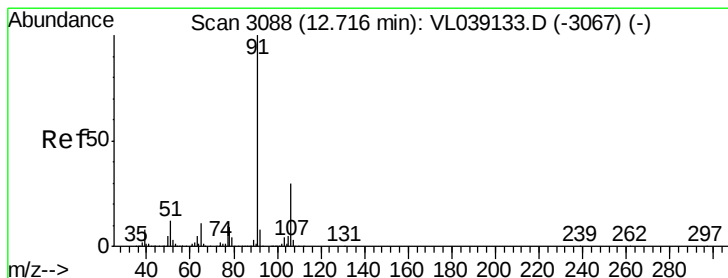
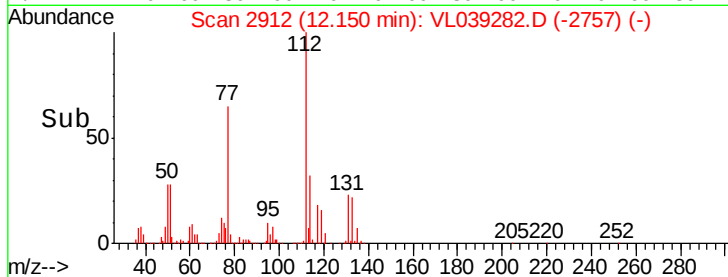
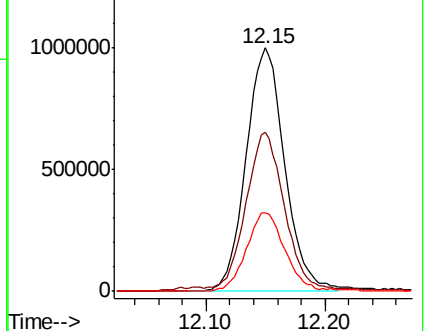
114 32.1 30.3 37.1



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: 6.970 ppbv

RT: 12.71 min Scan# 3087

Delta R.T. -0.00 min

Lab File: VL039282.D

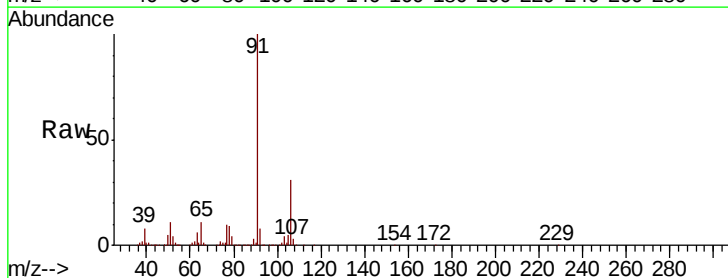
Acq: 14 Jun 2022 15:07

Tgt Ion: 91 Resp: 3962618

Ion Ratio Lower Upper

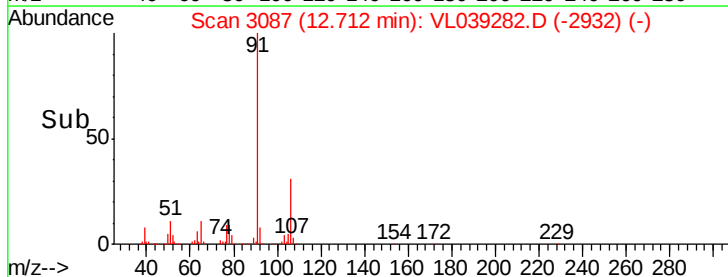
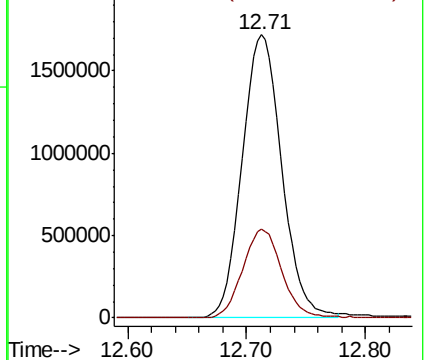
91 100

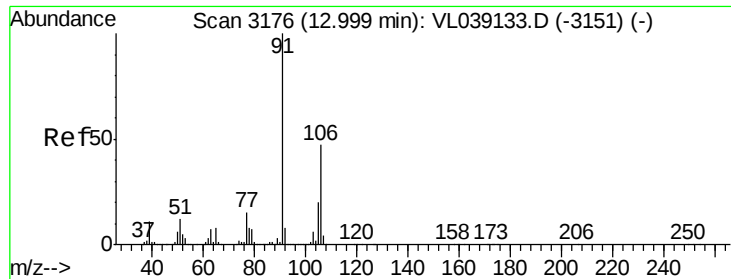
106 31.4 24.2 36.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

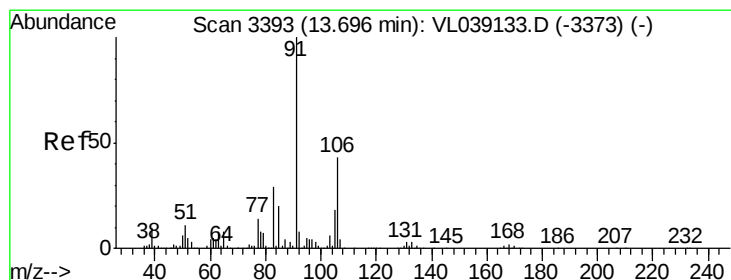
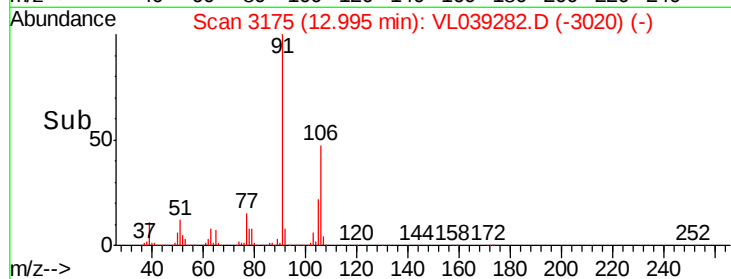
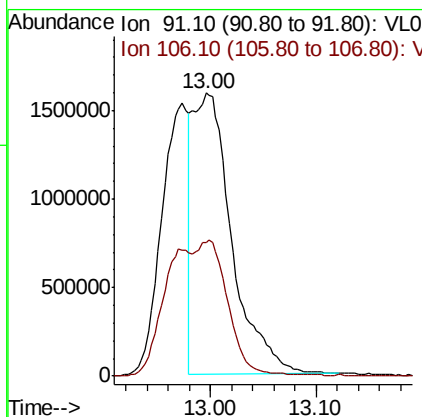
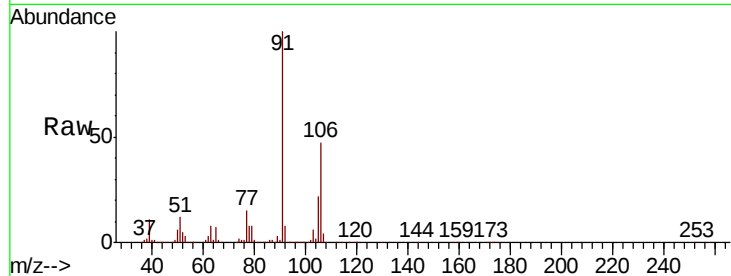
Ion 106.10 (105.80 to 106.80): V





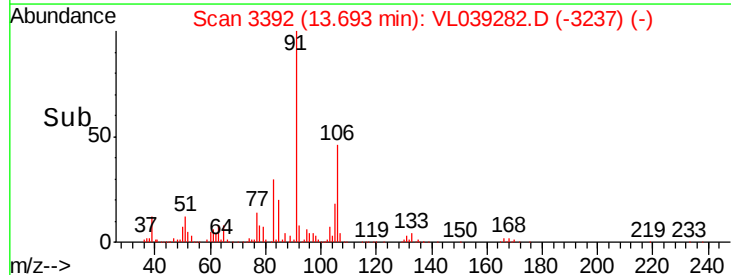
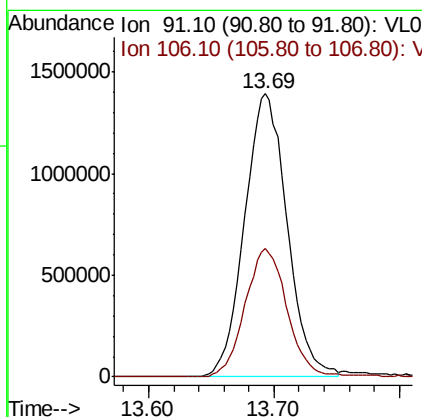
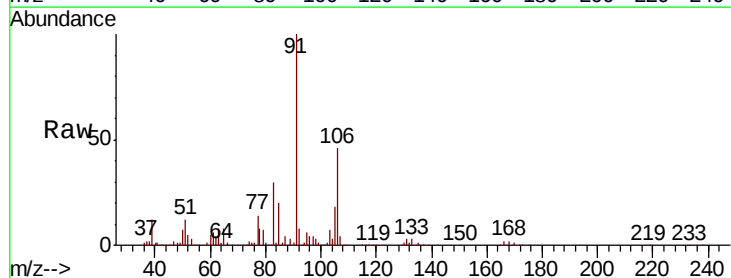
#59
m/p-Xylene
Concen: 8.158 ppbv
RT: 13.00
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0614ABS01
Acq: 14 Jun 2022 15:07

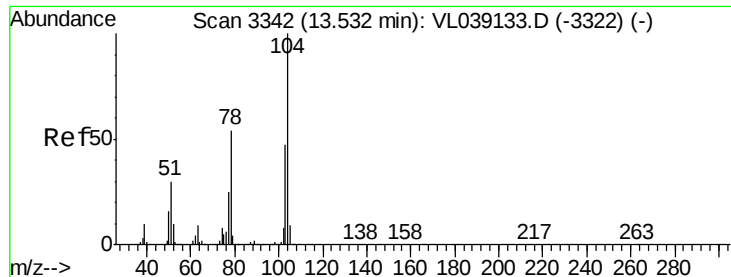
Tot Ion: 91 Resp: 4084251
Ion Ratio Lower Upper
91 100
106 74.5 34.3 51.5#



#60
o-Xylene
Concen: 6.967 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. -0.00 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

Tgt Ion: 91 Resp: 3277434
Ion Ratio Lower Upper
91 100
106 45.7 22.3 66.9

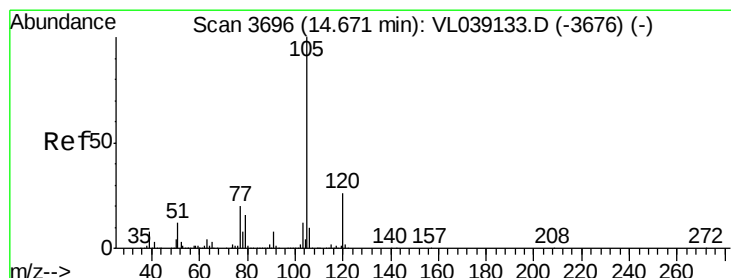
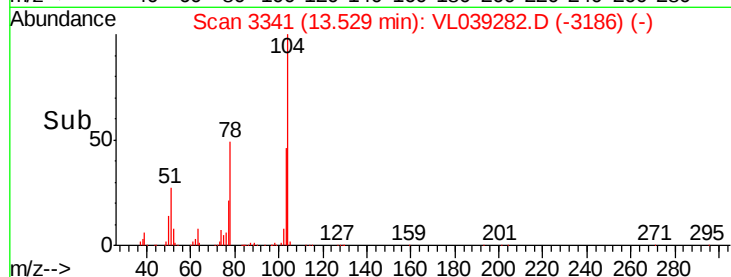
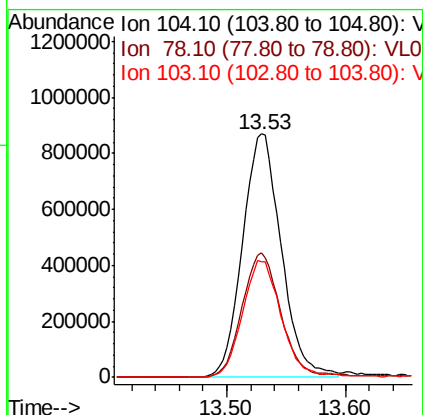
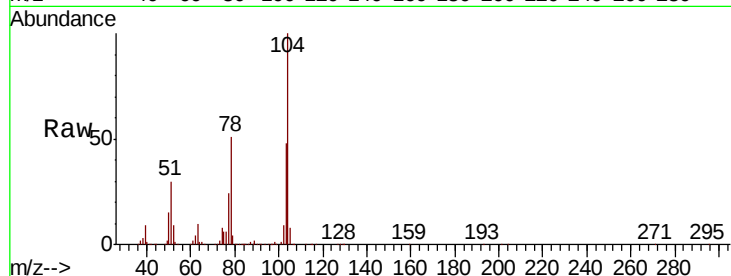




#61
Stvrene
Concen: 7.792 ppbv
RT: 13.53 min
Delta R.T.: 0.00 min
Lab File: VL0614ABS01
Acq: 14 Jun 2022 15:07

Tot Ion: 104 Resp: 1962927

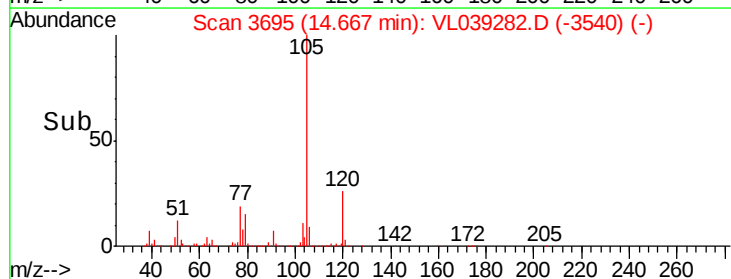
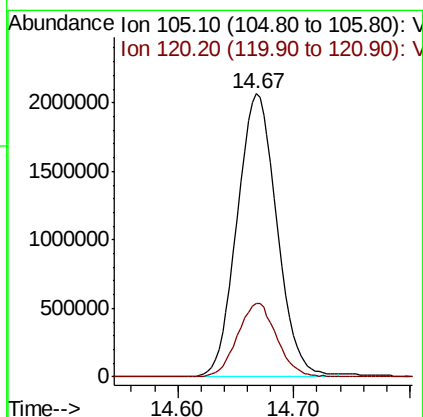
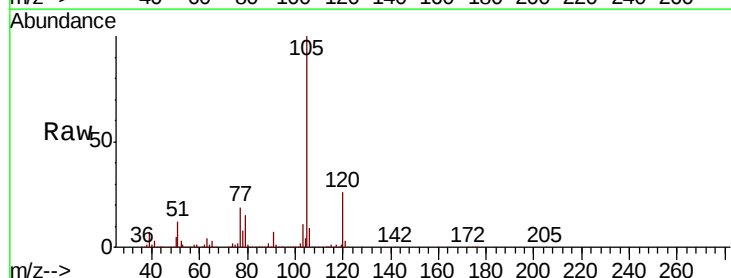
Ion	Ratio	Lower	Upper
104	100		
78	51.9	45.7	68.5
103	48.7	39.6	59.4

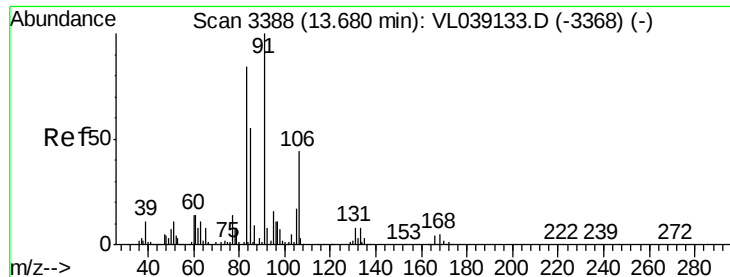


#62
Isopropylbenzene
Concen: 7.064 ppbv
RT: 14.67 min Scan# 3695
Delta R.T.: -0.00 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

Tgt Ion: 105 Resp: 4938898

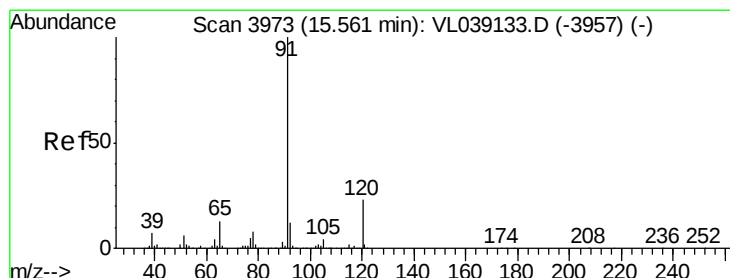
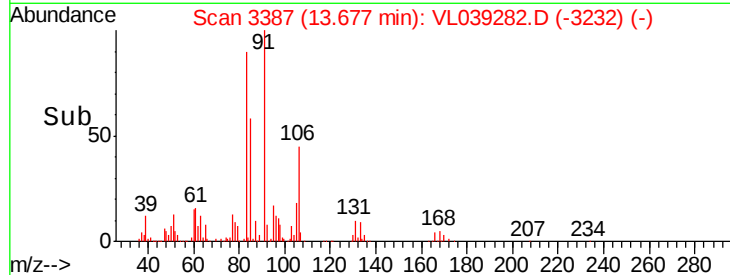
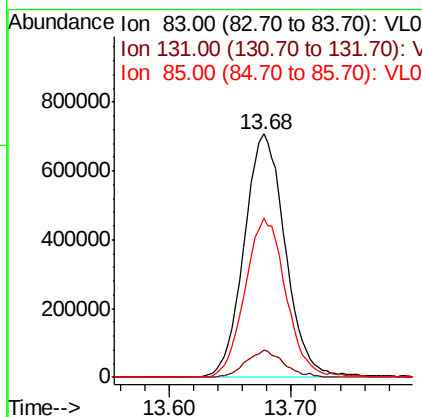
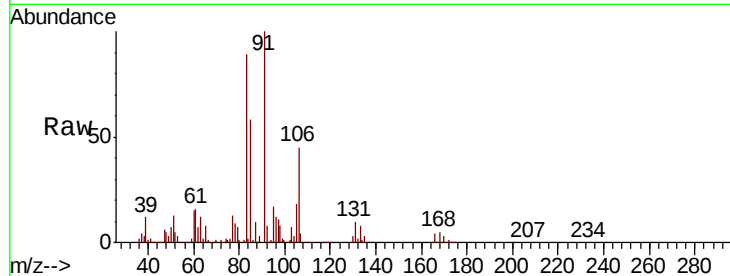
Ion	Ratio	Lower	Upper
105	100		
120	25.8	20.3	30.5





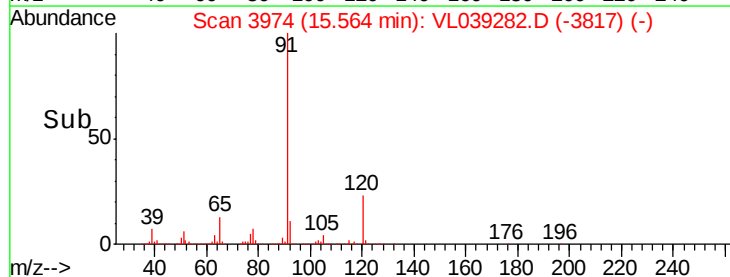
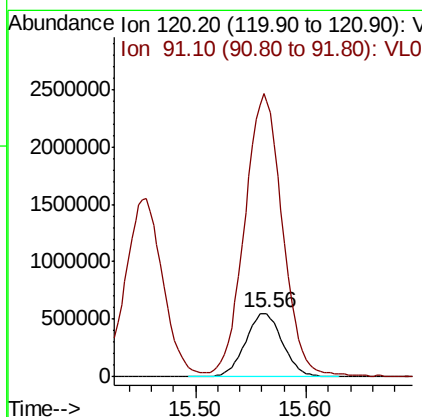
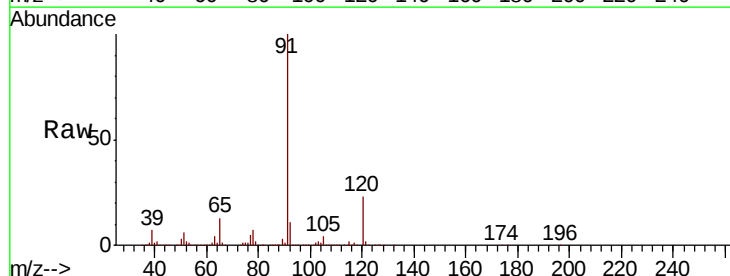
#63
 1,1,2,2-Tetrachloroethane
 Concen: 6.212 ppbv
 RT: 13.68 min
 Delta R.T. 0.00 min
 Lab File: VL0614ABS01
 Acq: 14 Jun 2022 15:07

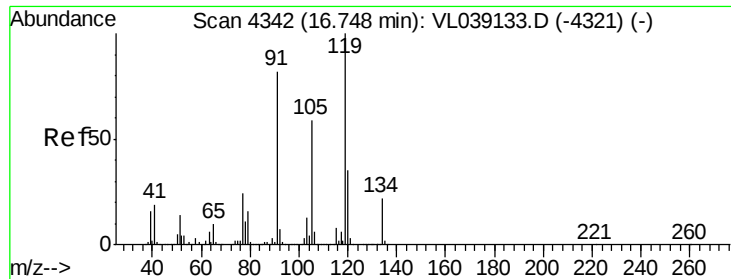
Tot Ion: 83 Resp: 1640440
 Ion Ratio Lower Upper
 83 100
 131 10.4 4.8 14.3
 85 65.7 33.0 99.0



#64
 n-propylbenzene
 Concen: 7.519 ppbv
 RT: 15.56 min Scan# 3974
 Delta R.T. 0.00 min
 Lab File: VL039282.D
 Acq: 14 Jun 2022 15:07

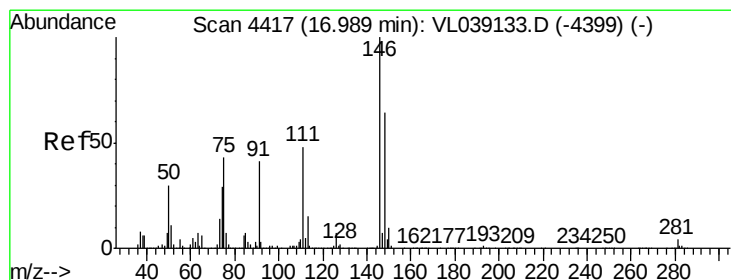
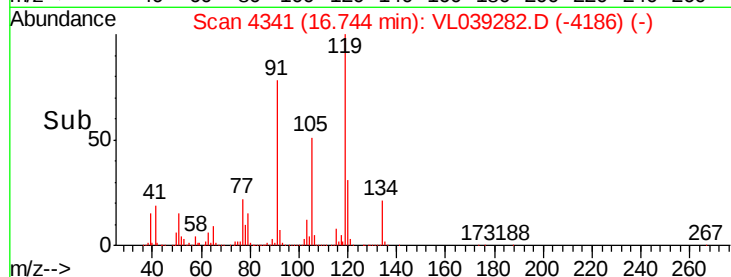
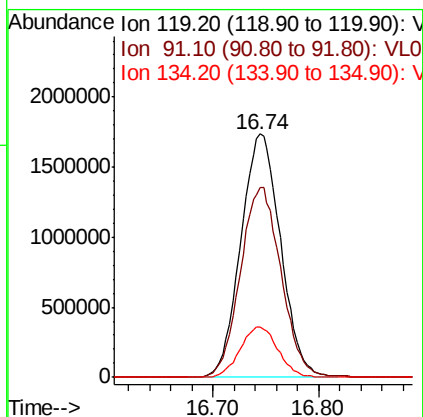
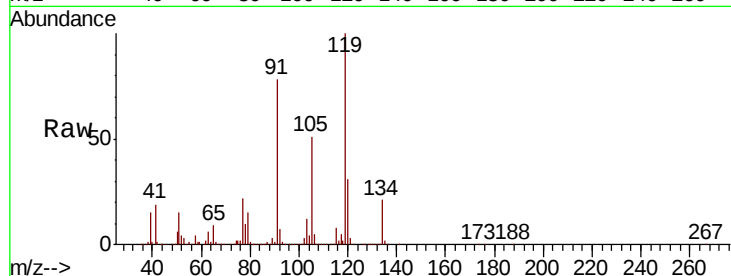
Tgt Ion:120 Resp: 1292345
 Ion Ratio Lower Upper
 120 100
 91 454.6 388.4 582.6





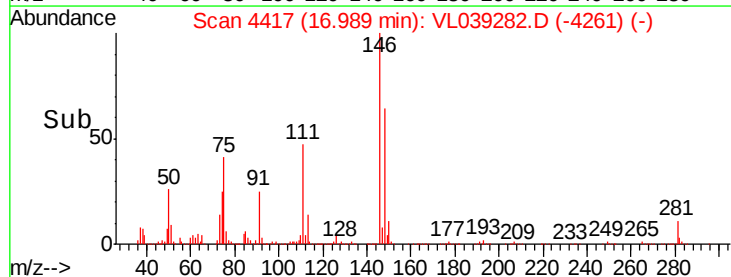
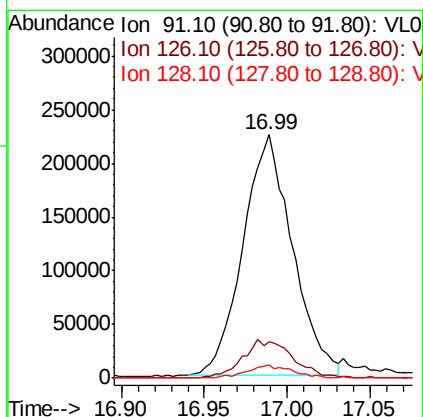
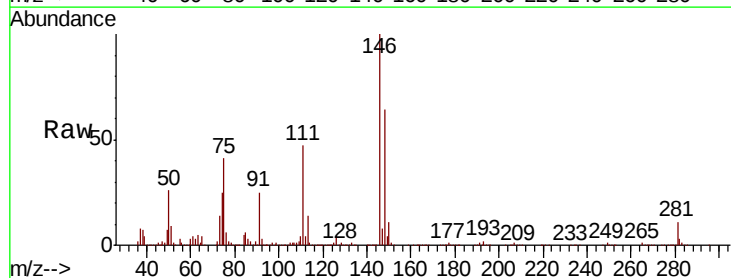
#65
tert-Butylbenzene
Concen: 7.114 ppbv
RT: 16.74 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0614ABS01
Acq: 14 Jun 2022 15:07

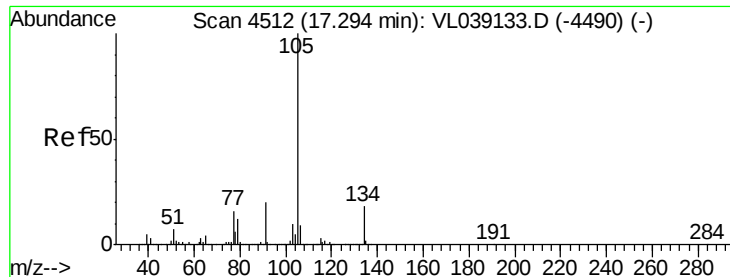
Tot Ion: 119 Resp: 4548534
Ion Ratio Lower Upper
119 100
91 79.7 67.1 100.7
134 19.8 15.8 23.8



#66
Benzyl Chloride
Concen: 5.572 ppbv
RT: 16.99 min Scan# 4417
Delta R.T. 0.00 min
Lab File: VL039282.D
Acq: 14 Jun 2022 15:07

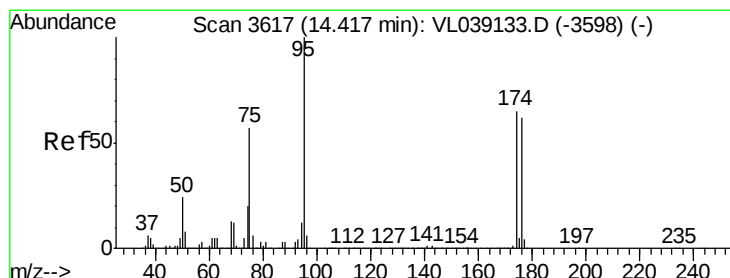
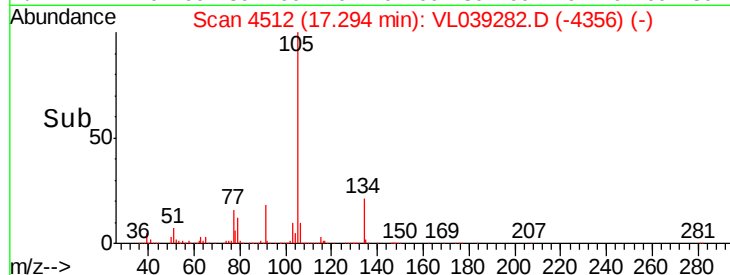
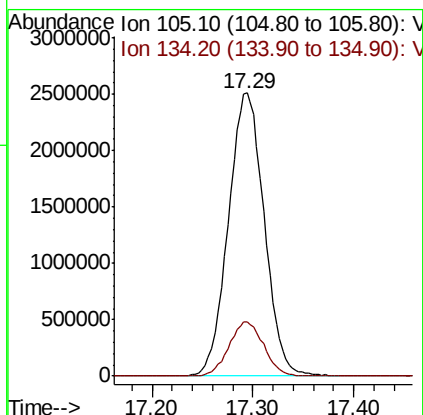
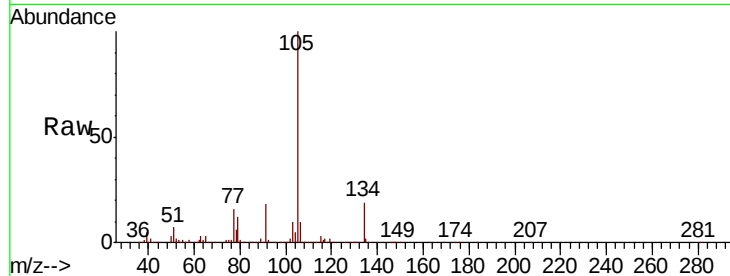
Tgt Ion: 91 Resp: 463252
Ion Ratio Lower Upper
91 100
126 16.8 13.4 20.0
128 5.2 4.1 6.1





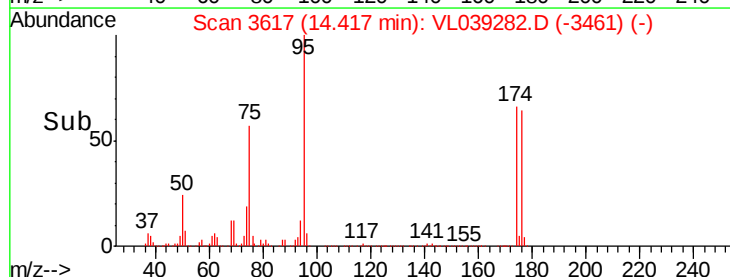
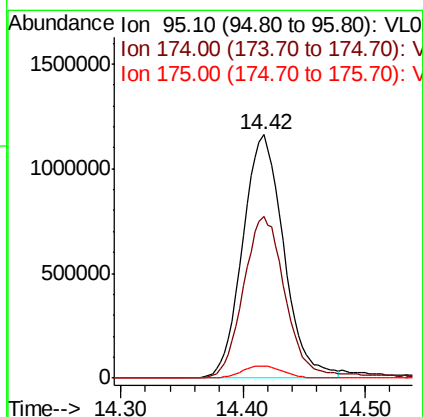
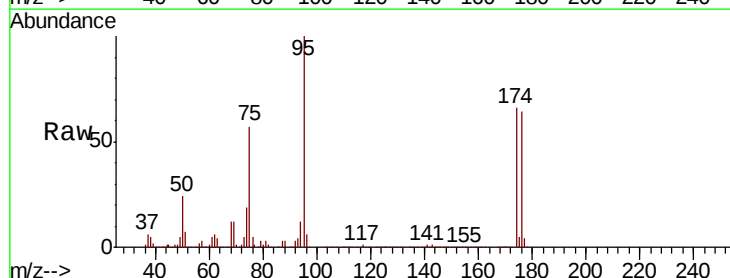
#67
 sec-Butylbenzene
 Concen: 7.083 ppbv
 RT: 17.29 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0614ABS01
 Acq: 14 Jun 2022 15:07

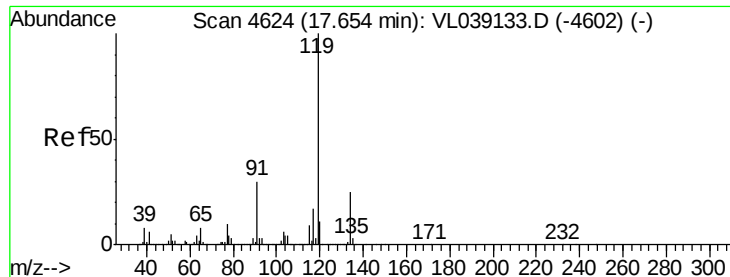
Tot Ion: 105 Resp: 6179017
 Ion Ratio Lower Upper
 105 100
 134 18.8 14.4 21.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 7.905 ppbv
 RT: 14.42 min Scan# 3617
 Delta R.T.: 0.00 min
 Lab File: VL039282.D
 Acq: 14 Jun 2022 15:07

Tgt Ion: 95 Resp: 2697222
 Ion Ratio Lower Upper
 95 100
 174 69.8 53.8 80.8
 175 5.1 4.1 6.1

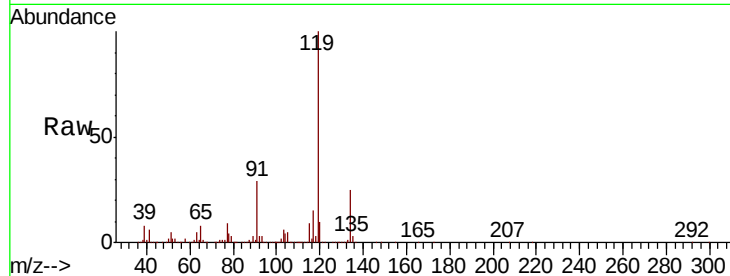




#69
 p-Isopropyltoluene
 Concen: 7.285 ppbv
 RT: 17.65 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0614ABS01
 Acq: 14 Jun 2022 15:07

Tot Ion: 119 Resp: 5361958

Ion	Ratio	Lower	Upper
119	100		
134	24.9	20.4	30.6
91	28.9	24.2	36.4

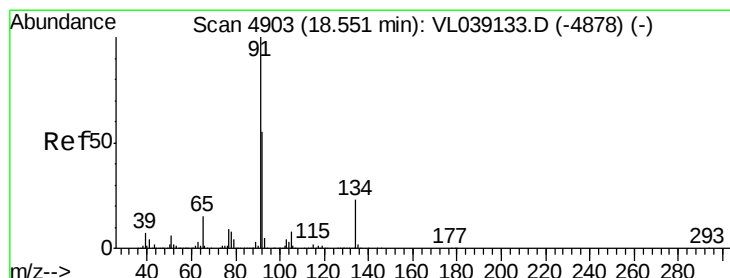
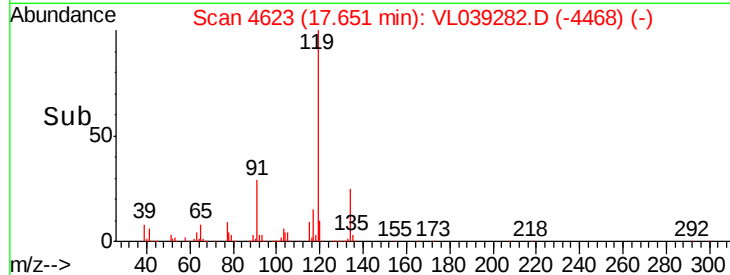
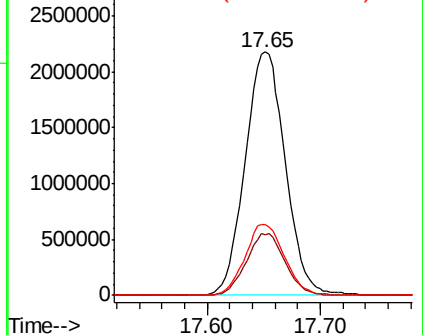


Abundance

Ion 119.10 (118.80 to 119.80): VL039133.D (-4602) (-)

Ion 134.20 (133.90 to 134.90): VL039133.D (-4602) (-)

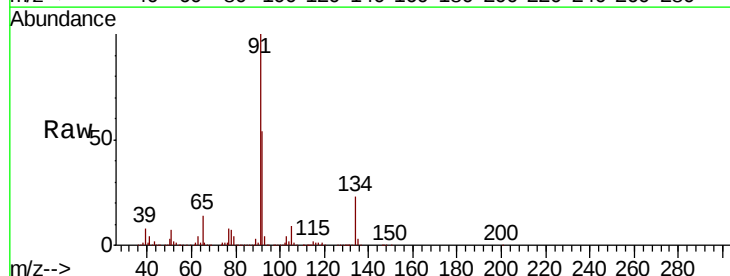
Ion 91.10 (90.80 to 91.80): VL039133.D (-4602) (-)



#70
 n-Butylbenzene
 Concen: 6.952 ppbv
 RT: 18.55 min Scan# 4902
 Delta R.T. -0.00 min
 Lab File: VL039282.D
 Acq: 14 Jun 2022 15:07

Tgt Ion: 91 Resp: 5252072

Ion	Ratio	Lower	Upper
91	100		
92	54.2	43.6	65.4
134	23.7	17.7	26.5

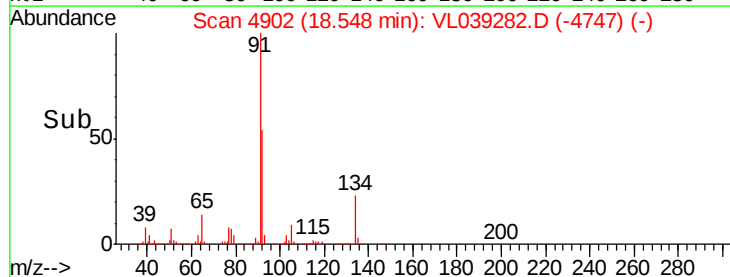
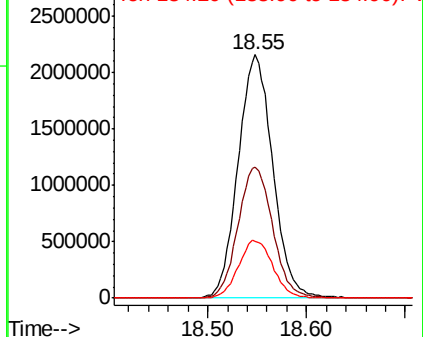


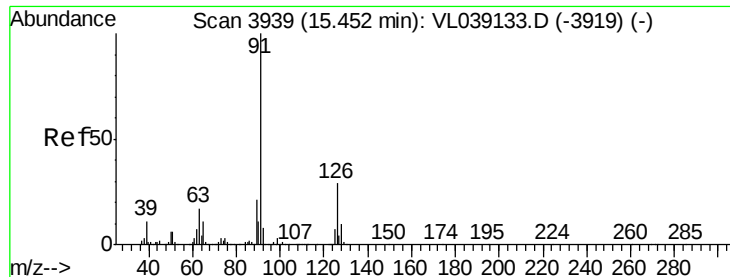
Abundance

Ion 91.10 (90.80 to 91.80): VL039133.D (-4878) (-)

Ion 92.10 (91.80 to 92.80): VL039133.D (-4878) (-)

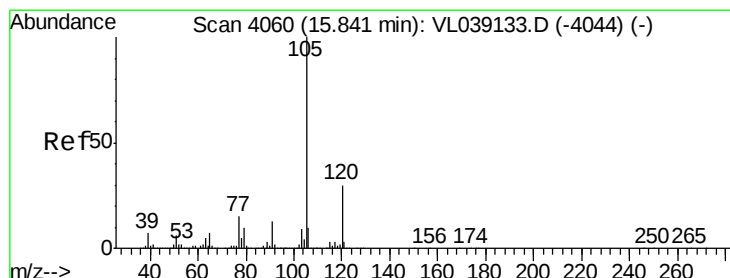
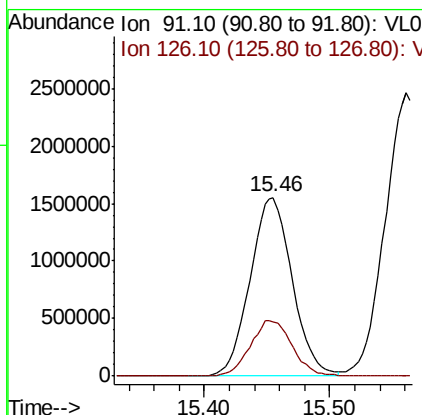
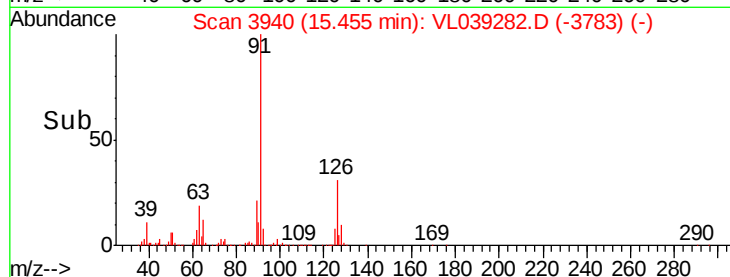
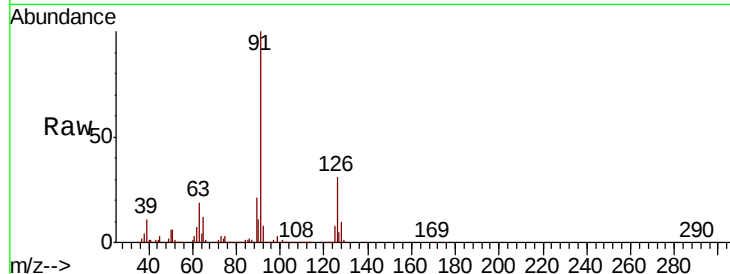
Ion 134.20 (133.90 to 134.90): VL039133.D (-4878) (-)





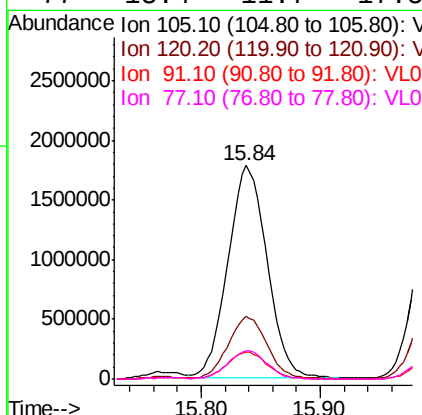
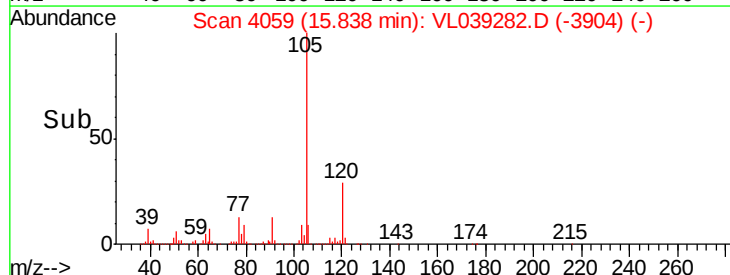
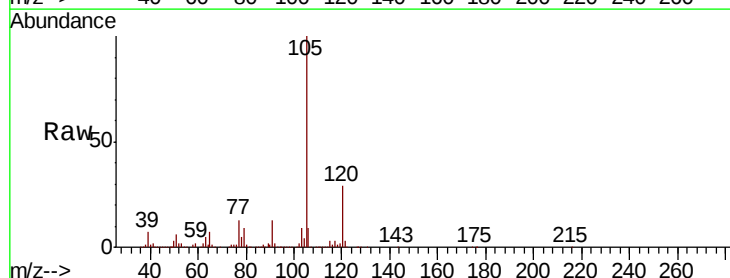
#71
 2-Chlorotoluene
 Concen: 6.787 ppbv
 RT: 15.46
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0614ABS01
 Acq: 14 Jun 2022 15:07

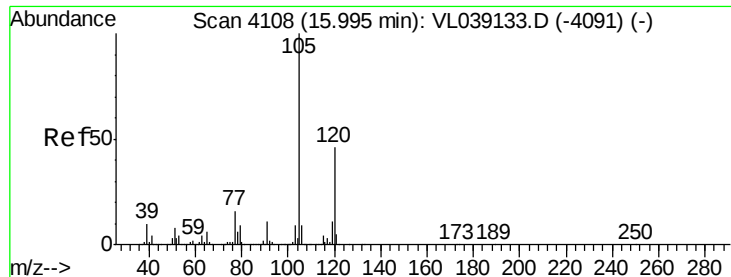
Tot Ion: 91 Resp: 3618751
 Ion Ratio Lower Upper
 91 100
 126 31.9 12.2 48.6



#72
 4-Ethyltoluene
 Concen: 7.333 ppbv
 RT: 15.84 min Scan# 4059
 Delta R.T. -0.00 min
 Lab File: VL039282.D
 Acq: 14 Jun 2022 15:07

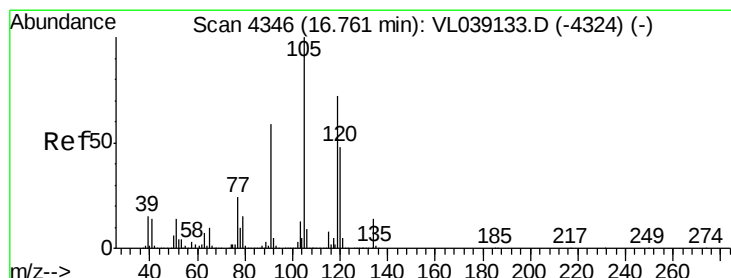
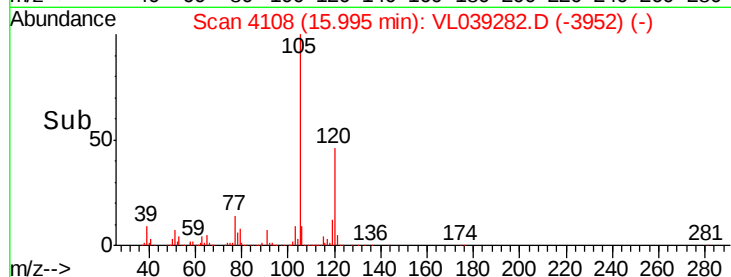
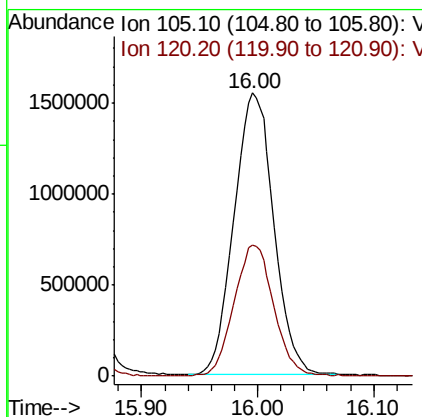
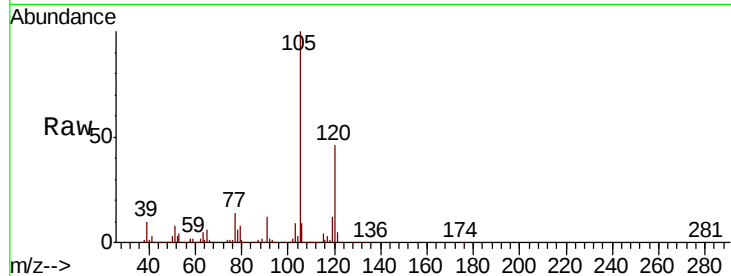
Tgt Ion:105 Resp: 4043237
 Ion Ratio Lower Upper
 105 100
 120 29.6 23.9 35.9
 91 12.9 10.6 16.0
 77 13.4 11.7 17.5





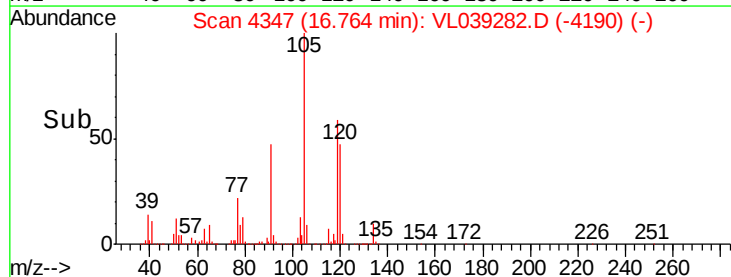
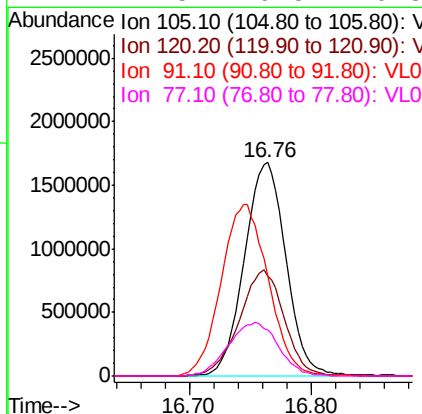
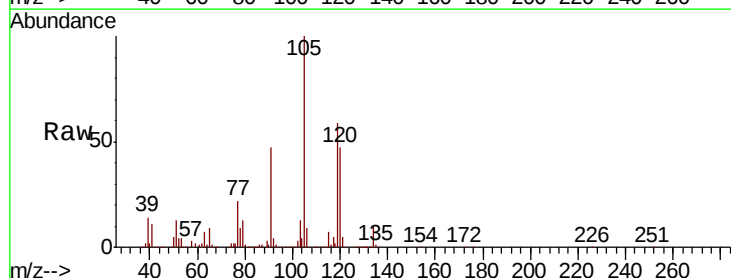
#73
 1,3,5-Trimethylbenzene
 Concen: 7.405 ppbv
 RT: 16.00
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0614ABS01
 Acq: 14 Jun 2022 15:07

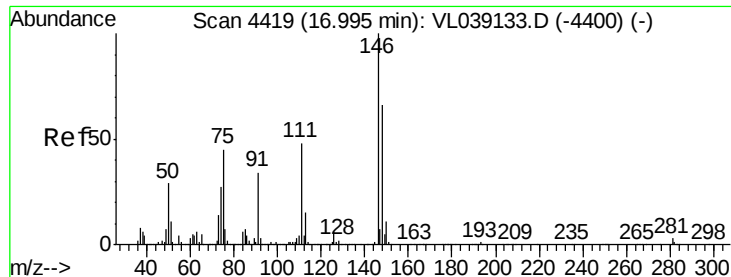
Tot Ion:105 Resp: 3682517
 Ion Ratio Lower Upper
 105 100
 120 46.5 36.7 55.1



#74
 1,2,4-Trimethylbenzene
 Concen: 7.106 ppbv
 RT: 16.76 min Scan# 4347
 Delta R.T. 0.00 min
 Lab File: VL039282.D
 Acq: 14 Jun 2022 15:07

Tgt Ion:105 Resp: 3943377
 Ion Ratio Lower Upper
 105 100
 120 46.3 38.1 57.1
 91 46.5 47.4 71.0#
 77 21.5 19.5 29.3





#75

1,3-Dichlorobenzene

Concen: 7.379 ppbv

RT: 17.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 14 Jun 2022 15:07

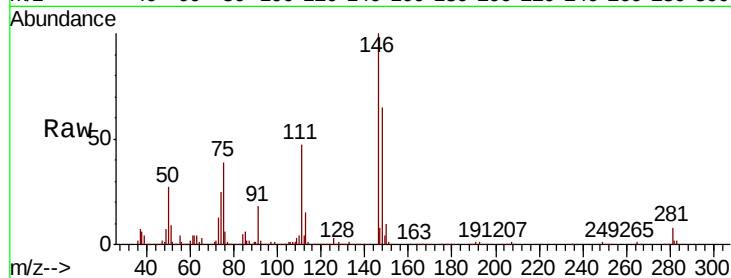
Tot Ion:146 Resp: 2318058

Ion Ratio Lower Upper

146 100

111 46.1 23.8 71.4

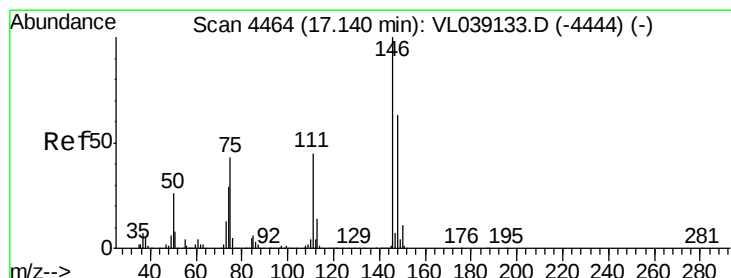
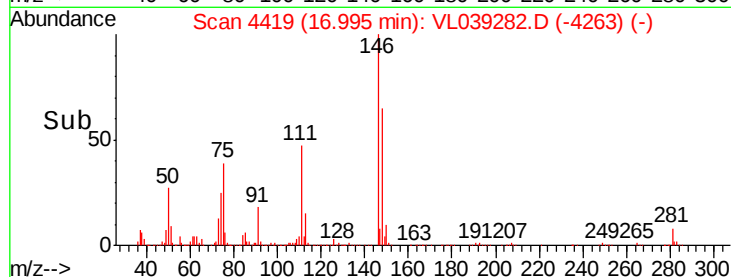
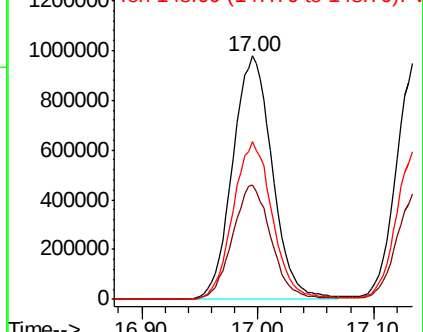
148 64.6 32.4 97.0



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: 7.116 ppbv

RT: 17.14 min Scan# 4463

Delta R.T. -0.00 min

Lab File: VL039282.D

Acq: 14 Jun 2022 15:07

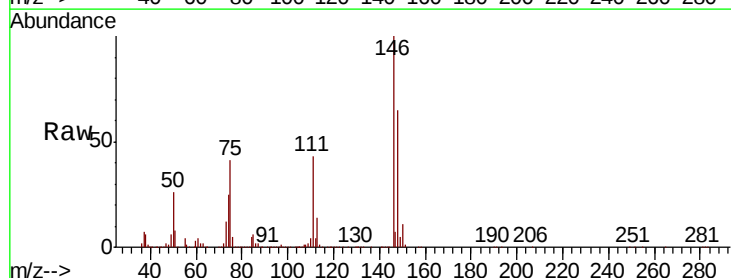
Tgt Ion:146 Resp: 2230237

Ion Ratio Lower Upper

146 100

111 46.0 23.6 71.0

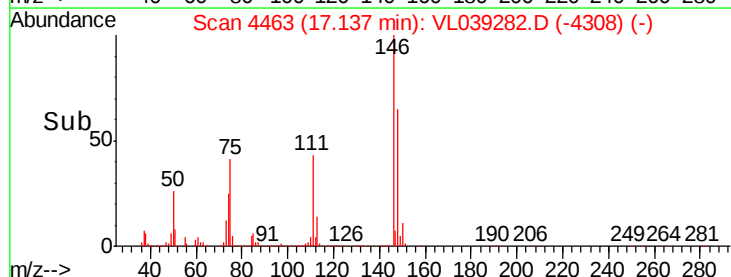
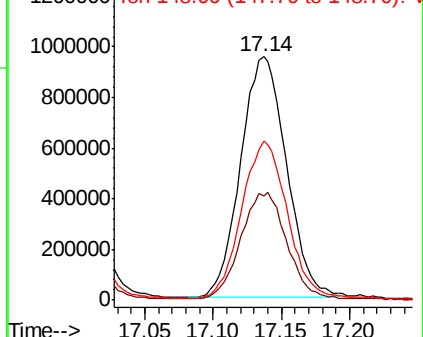
148 67.1 33.7 101.0

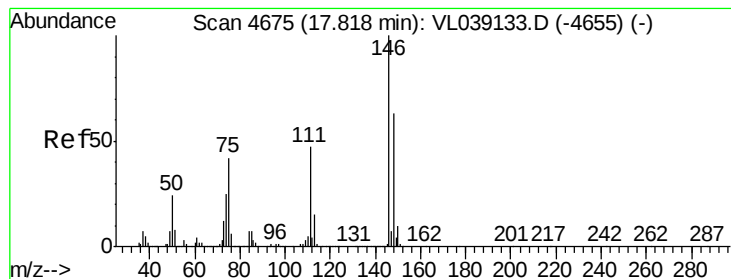


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





#77

1,2-Dichlorobenzene

Concen: 7.088 ppbv

RT: 17.82

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 14 Jun 2022 15:07

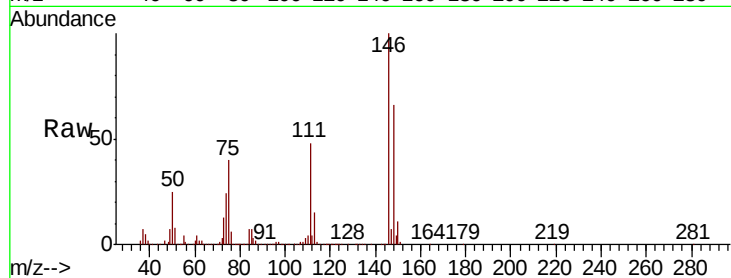
Tot Ion:146 Resp: 2243915

Ion Ratio Lower Upper

146 100

111 47.7 24.4 73.4

148 65.0 32.1 96.5

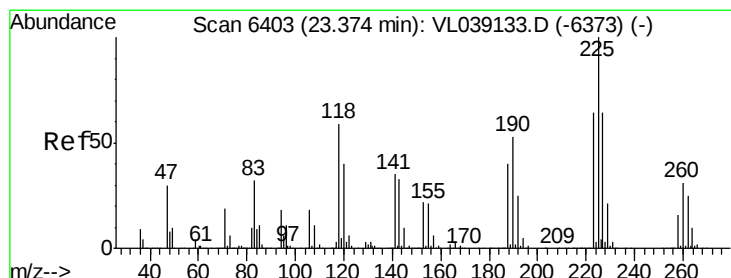
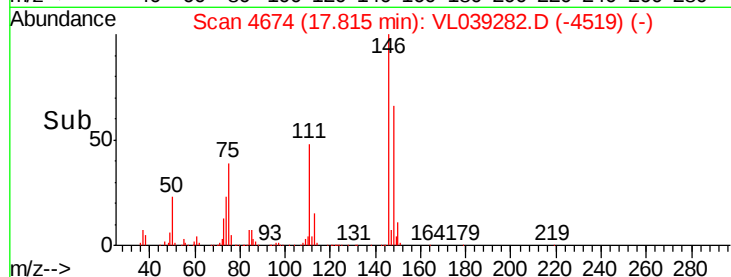
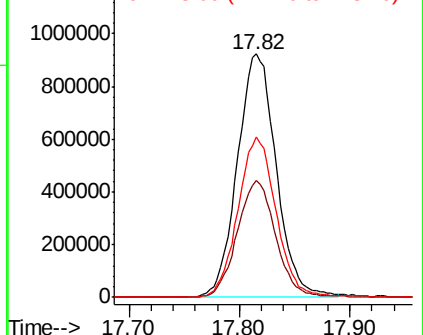


Abundance

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



#78

Hexachloro-1,3-Butadiene

Concen: 5.915 ppbv

RT: 23.37 min Scan# 6402

Delta R.T. -0.00 min

Lab File: VL039282.D

Acq: 14 Jun 2022 15:07

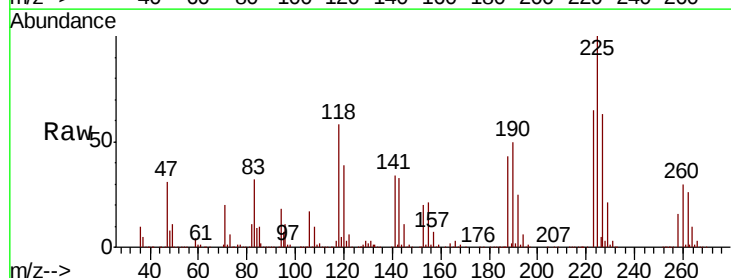
Tgt Ion:225 Resp: 1712411

Ion Ratio Lower Upper

225 100

223 64.1 51.4 77.0

227 64.6 50.6 75.8

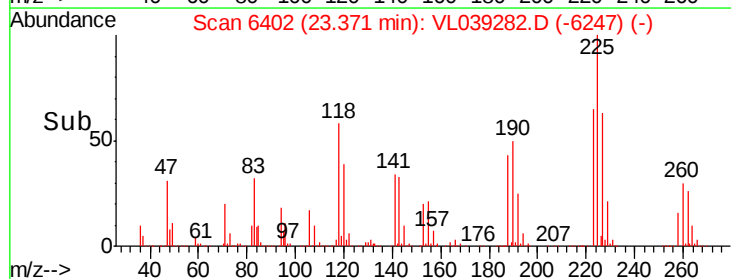
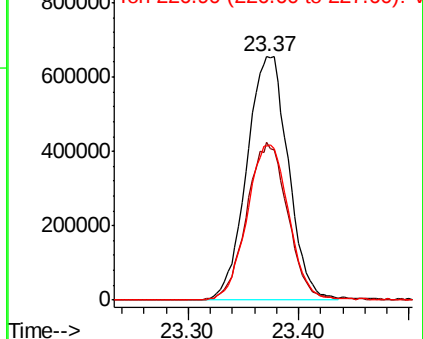


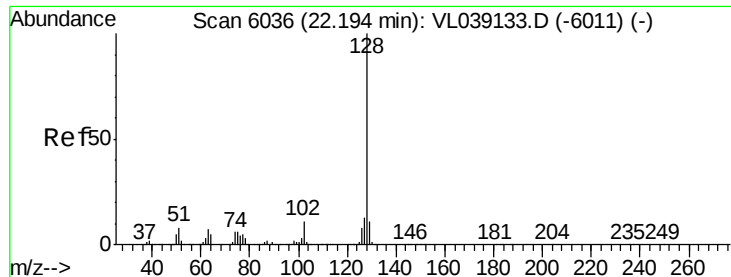
Abundance

Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V





#79

Naphthalene

Concen: 7.724 ppbv

RT: 22.19 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 14 Jun 2022 15:07

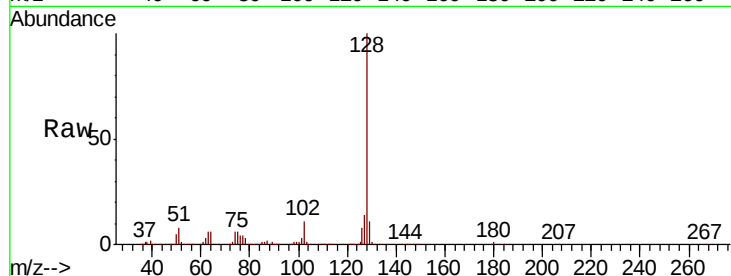
Tot Ion:128 Resp: 3299738

Ion Ratio Lower Upper

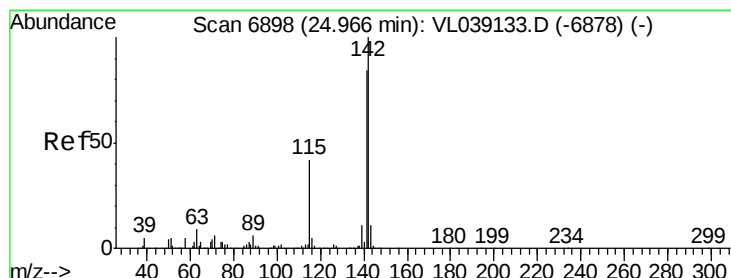
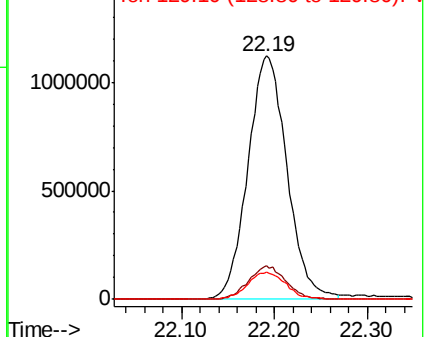
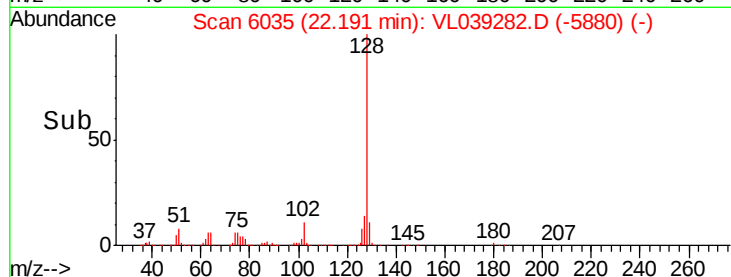
128 100

127 13.7 10.4 15.6

129 11.4 9.0 13.6



Abundance Ion 128.10 (127.80 to 128.80): V
1500000 Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 6.345 ppbv

RT: 24.97 min Scan# 6898

Delta R.T. 0.00 min

Lab File: VL039282.D

Acq: 14 Jun 2022 15:07

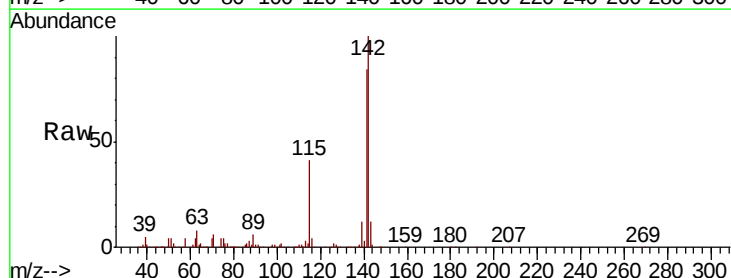
Tgt Ion:142 Resp: 1007171

Ion Ratio Lower Upper

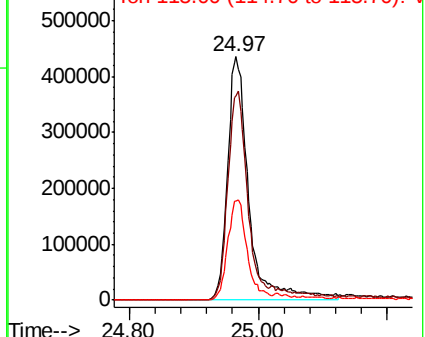
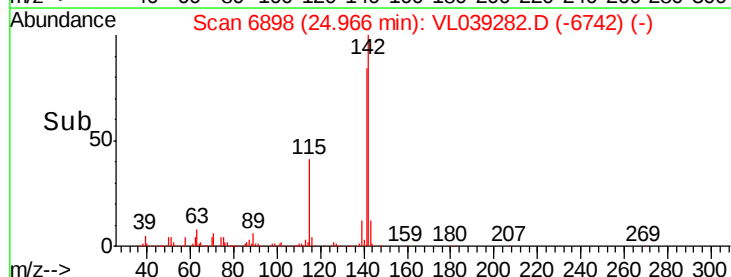
142 100

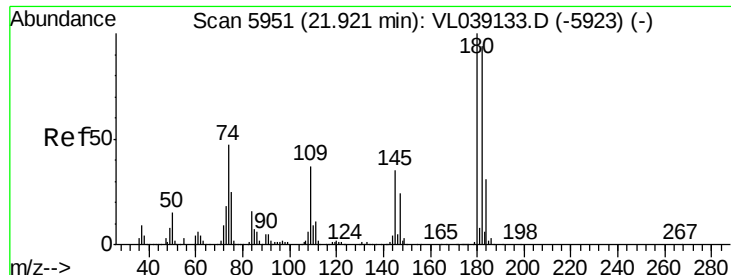
141 84.8 64.6 96.8

115 40.9 32.7 49.1



Abundance Ion 142.00 (141.70 to 142.70): V
600000 Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 7.123 ppbv
 RT: 21.92
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId : VL0614ABS01
 Acq: 14 Jun 2022 15:07

Tot Ion:180 Resp: 1927947
 Ion Ratio Lower Upper
 180 100
 182 97.1 0.0 0.0#
 184 30.9 0.0 0.0#

