

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062722\
 Data File : VL039362.D
 Acq On : 27 Jun 2022 15:56
 Operator : SY/AP
 Sample : VL0627ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL0627ABS01

Quant Time: Jun 28 02:36:52 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	1158395	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3210642	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3835620	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2408443	7.60	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	76.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	1732964	8.517 ppbv	100
3) Chlorodifluoromethane	2.99	51	1416947	9.614 ppbv	99
4) Chloromethane	3.14	50	773435	10.216 ppbv	97
5) Vinyl Chloride	3.26	62	759168	10.727 ppbv	96
6) Bromomethane	3.48	94	332442	9.548 ppbv	95
7) Chloroethane	3.56	64	280698	11.382 ppbv	100
8) Dichlorotetrafluoroethane	3.19	85	1885109	10.138 ppbv	95
9) Propene	3.02	41	601900	9.365 ppbv	99
10) Heptane	8.13	43	1623510	10.829 ppbv	99
11) Trichlorofluoromethane	3.95	101	1916045	10.403 ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1397954	11.478 ppbv	100
13) Ethanol	3.61	45	38719	11.047 ppbv #	100
14) Bromoethene	3.74	108	593868	10.846 ppbv	99
15) Acetone	3.85	43	1378120	11.421 ppbv	96
16) 1,3-Butadiene	3.33	39	746997	11.516 ppbv	94
17) tert-Butyl alcohol	4.29	59	1192542	12.741 ppbv	99
18) 1,1-Dichloroethene	4.29	96	636962	11.658 ppbv	87
19) Isopropyl Alcohol	3.96	45	689769	12.188 ppbv #	97
20) Methylene Chloride	4.35	84	535492	10.531 ppbv	93
21) Allyl Chloride	4.41	41	965702	11.864 ppbv	98
22) trans-1,2-Dichloroethene	4.89	96	628359	11.953 ppbv	96
23) Vinyl Acetate	5.08	43	1105447	11.072 ppbv	98
24) 1,1-Dichloroethane	5.01	63	1426165	10.426 ppbv	99
25) Ethyl Acetate	5.68	43	2893769	10.640 ppbv	100
26) Hexane	5.69	57	1239591	10.372 ppbv	97
27) Carbon Disulfide	4.56	76	1544841	12.471 ppbv	100
28) Methyl tert-Butyl Ether	5.04	73	1345143	10.195 ppbv	99
29) Chloroform	5.76	83	1987910	9.884 ppbv	99
30) Cyclohexane	7.14	84	1092148	10.878 ppbv	95
31) cis-1,2-Dichloroethene	5.55	61	1244306	10.210 ppbv	95
32) 1,1,1-Trichloroethane	6.51	97	2000354	10.165 ppbv	98
34) 2-Butanone	5.25	43	1694387	9.714 ppbv	100
35) Carbon Tetrachloride	7.02	117	2158419	9.211 ppbv	99
36) Benzene	6.90	78	2570781	9.863 ppbv	97
37) 1,2-Dichloroethane	6.31	62	1539257	8.973 ppbv	97
38) Trichloroethene	7.84	130	1332456	11.129 ppbv	98
39) 1,2-Dichloropropane	7.62	63	947195	9.136 ppbv	95
40) 1,4-Dioxane	7.83	88	343370	10.060 ppbv #	1
41) Tetrahydrofuran	6.05	42	986827	9.407 ppbv	100
42) Bromodichloromethane	7.80	83	2150027	9.031 ppbv	98
43) Methyl Methacrylate	8.01	69	1032289	10.167 ppbv	98

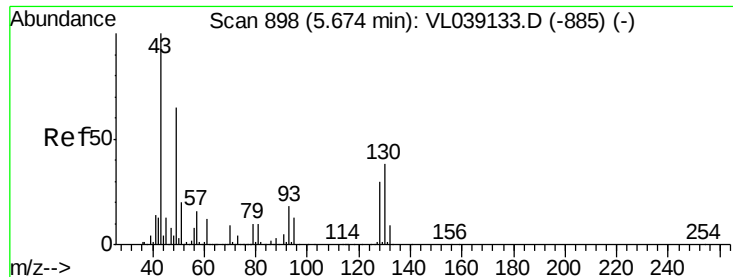
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062722\
 Data File : VL039362.D
 Acq On : 27 Jun 2022 15:56
 Operator : SY/AP
 Sample : VL0627ABS01
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Instrument :
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 ClientSampleId :
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Quant Time: Jun 28 02:36:52 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	4339817	9.517	ppbv	98
45) t-1,3-Dichloropropene	9.28	75	1033868	9.777	ppbv	96
46) cis-1,3-Dichloropropene	8.71	75	1334578	9.554	ppbv	96
47) 1,1,2-Trichloroethane	9.48	97	1073301	9.923	ppbv	98
48) Dibromochloromethane	10.31	129	1918136	9.932	ppbv	99
49) Bromoform	13.04	173	1582408	9.831	ppbv	99
50) 4-Methyl-2-Pentanone	8.74	43	2634277	10.089	ppbv	99
51) 2-Hexanone	10.13	43	2005126	9.869	ppbv #	98
52) Tetrachloroethene	11.23	164	1003357	9.859	ppbv	96
53) Toluene	9.81	91	3086647	10.284	ppbv	100
54) 1,2-Dibromoethane	10.61	107	1442893	9.927	ppbv	95
56) 1,1,1,2-Tetrachloroethane	12.13	131	1415704	7.800	ppbv	96
57) Chlorobenzene	12.15	112	2371780	8.218	ppbv	94
58) Ethyl Benzene	12.71	91	4215474	7.979	ppbv	99
59) m/p-Xylene	13.00	91	4297021	9.236	ppbv #	50
60) o-Xylene	13.69	91	3505395	8.018	ppbv	100
61) Styrene	13.53	104	2034136	8.689	ppbv	96
62) Isopropylbenzene	14.67	105	5164154	7.947	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.68	83	1743191	7.104	ppbv	100
64) n-propylbenzene	15.56	120	1349281	8.447	ppbv	89
65) tert-Butylbenzene	16.74	119	4714638	7.935	ppbv	96
66) Benzyl Chloride	16.99	91	481723	6.235	ppbv	98
67) sec-Butylbenzene	17.29	105	6481357	7.994	ppbv	99
69) p-Isopropyltoluene	17.65	119	5532174	8.088	ppbv	98
70) n-Butylbenzene	18.55	91	5492194	7.823	ppbv	98
71) 2-Chlorotoluene	15.46	91	3767040	7.602	ppbv	97
72) 4-Ethyltoluene	15.84	105	4250725	8.296	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	3847585	8.325	ppbv	99
74) 1,2,4-Trimethylbenzene	16.76	105	4143711	8.035	ppbv #	90
75) 1,3-Dichlorobenzene	17.00	146	2373583	8.131	ppbv	99
76) 1,4-Dichlorobenzene	17.14	146	2337135	8.024	ppbv	99
77) 1,2-Dichlorobenzene	17.82	146	2342212	7.961	ppbv	99
78) Hexachloro-1,3-Butadiene	23.37	225	1748777	6.500	ppbv	99
79) Naphthalene	22.19	128	3440649	8.666	ppbv	99
80) Naphthalene, 2-methyl-	24.97	142	1096305	7.432	ppbv	97
81) 1,2,4-Trichlorobenzene	21.92	180	1981819	7.880	ppbv #	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0627ABS01

Acq: 27 Jun 2022 15:56

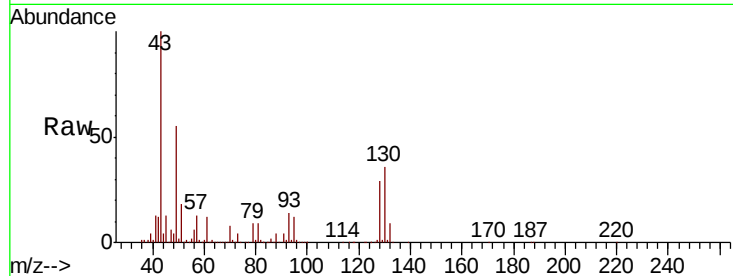
Tot Ion: 49 Resp: 1158395

Ion Ratio Lower Upper

49 100

128 53.6 24.7 74.1

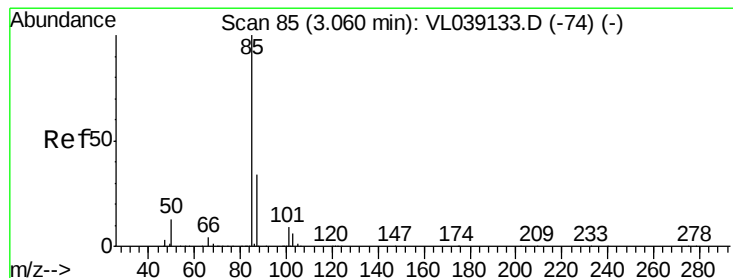
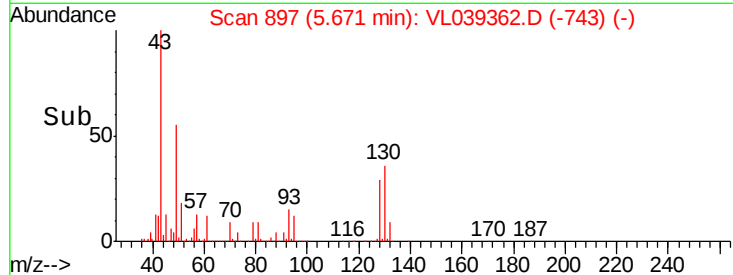
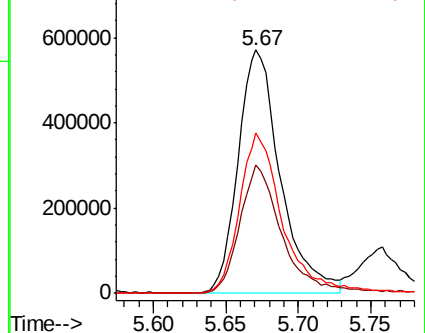
130 68.1 31.4 94.0



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: 8.517 ppbv

RT: 3.05 min Scan# 83

Delta R.T. -0.01 min

Lab File: VL039362.D

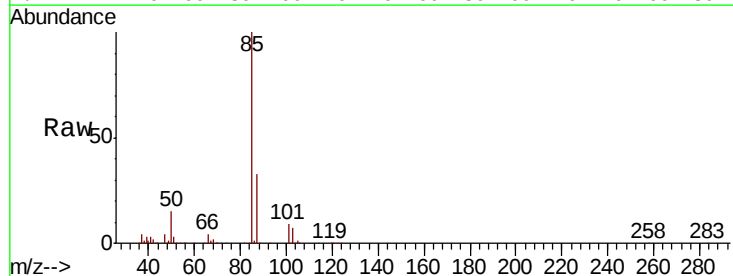
Acq: 27 Jun 2022 15:56

Tgt Ion: 85 Resp: 1732964

Ion Ratio Lower Upper

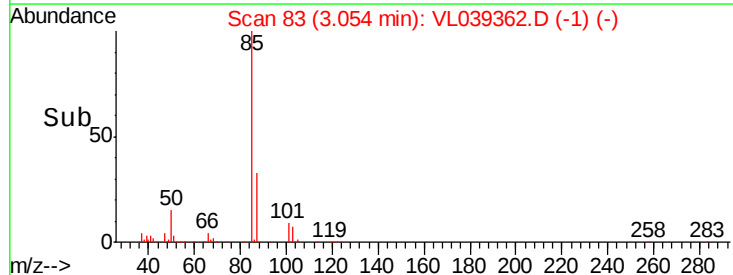
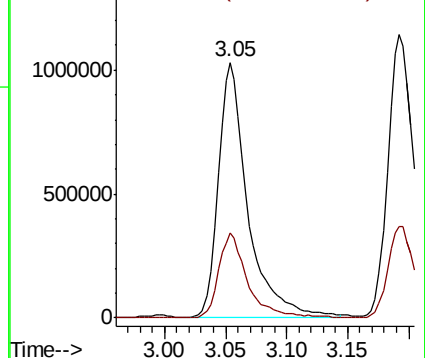
85 100

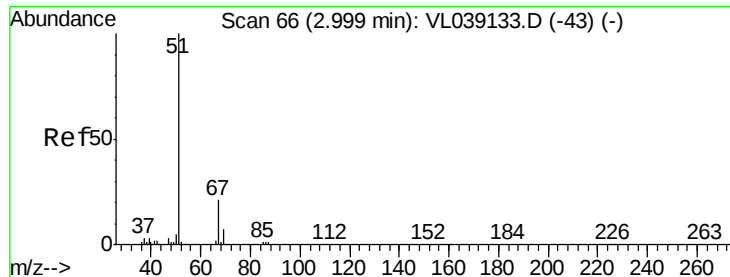
87 33.4 26.9 40.3



Abundance Ion 85.00 (84.70 to 85.70): VL0

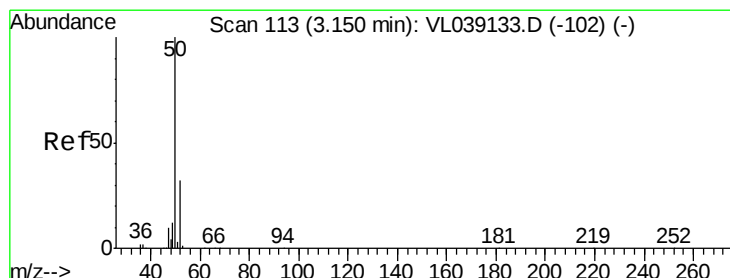
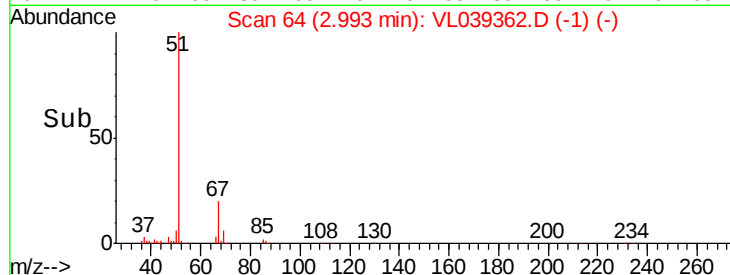
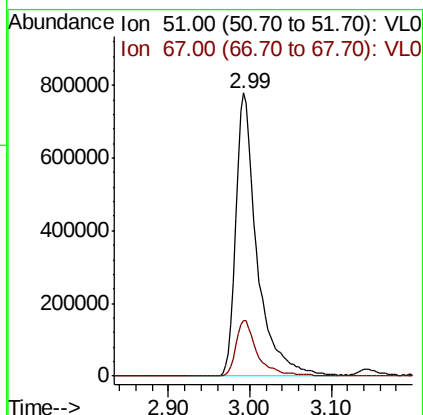
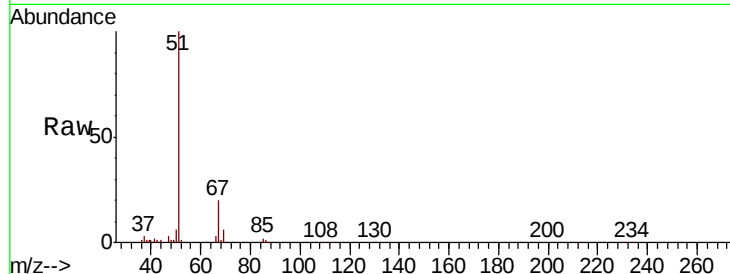
Ion 87.00 (86.70 to 87.70): VL0





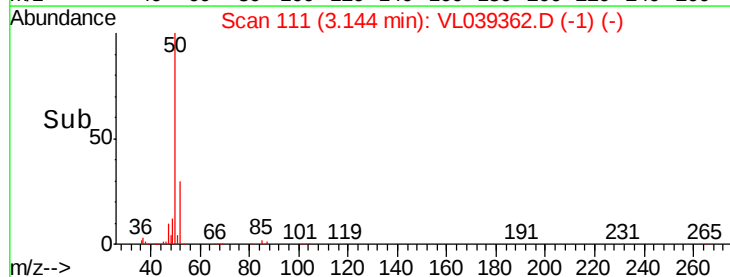
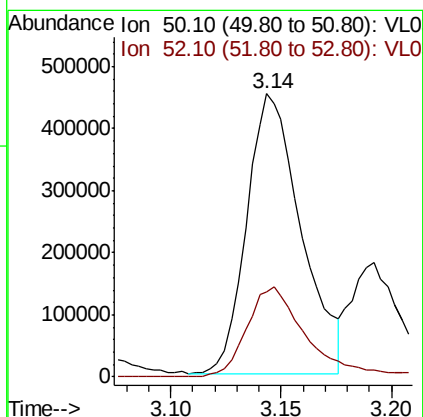
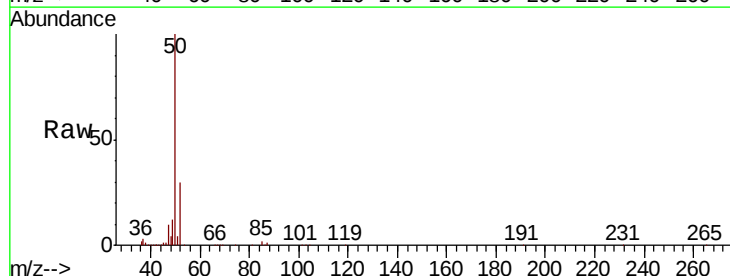
#3
 Chlorodifluoromethane
 Concen: 9.614 ppbv
 RT: 2.99
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0627ABS01
 Acq: 27 Jun 2022 15:56

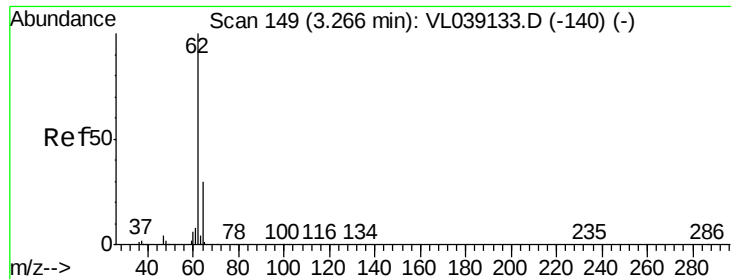
Tot Ion: 51 Resp: 1416947
 Ion Ratio Lower Upper
 51 100
 67 20.1 16.2 24.4



#4
 Chloromethane
 Concen: 10.216 ppbv
 RT: 3.14 min Scan# 111
 Delta R.T. -0.01 min
 Lab File: VL039362.D
 Acq: 27 Jun 2022 15:56

Tgt Ion: 50 Resp: 773435
 Ion Ratio Lower Upper
 50 100
 52 30.7 25.9 38.9





#5

Vinyl Chloride

Concen: 10.727 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

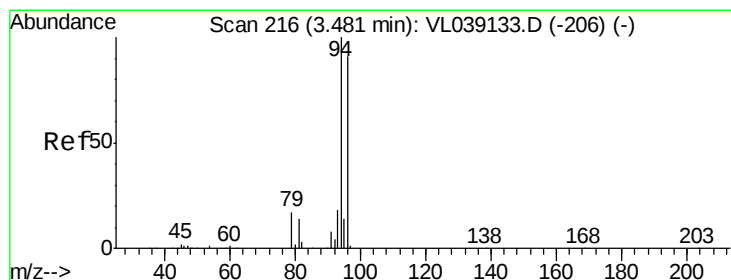
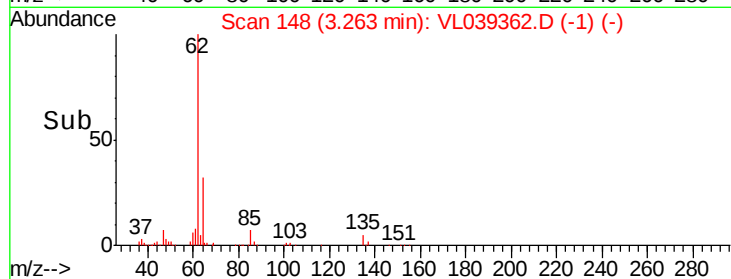
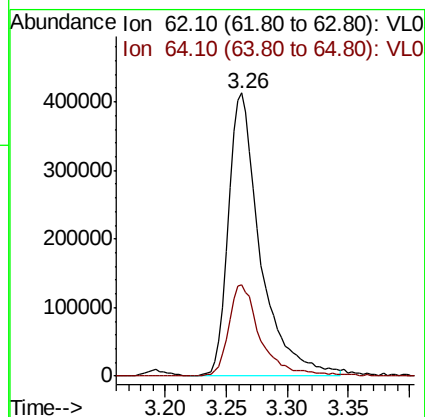
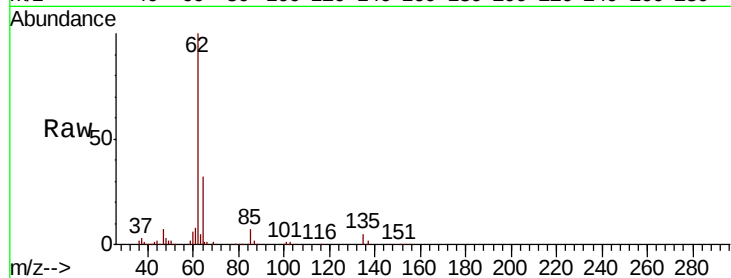
Acq: 27 Jun 2022 15:56 VL0627ABS01

Tot Ion: 62 Resp: 759168

Ion Ratio Lower Upper

62 100

64 32.3 24.2 36.2



#6

Bromomethane

Concen: 9.548 ppbv

RT: 3.48 min Scan# 215

Delta R.T. -0.00 min

Lab File: VL039362.D

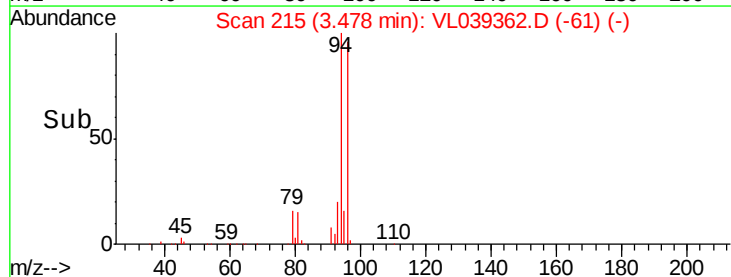
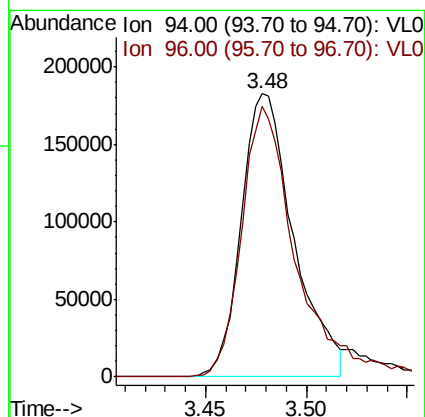
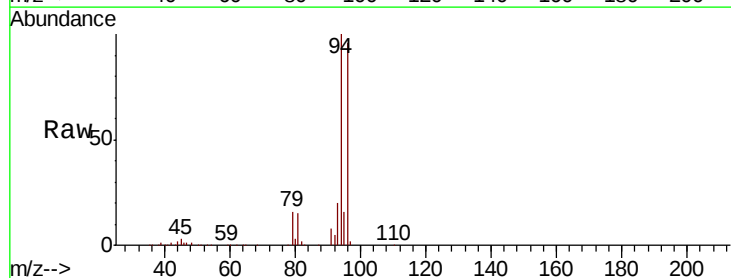
Acq: 27 Jun 2022 15:56

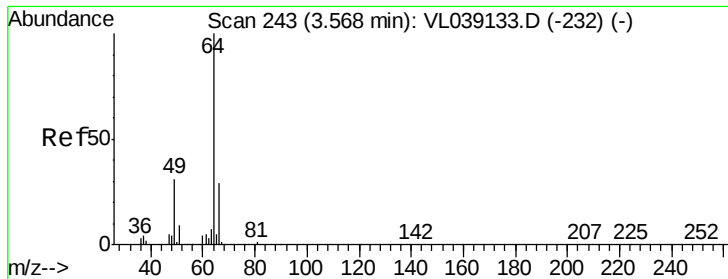
Tgt Ion: 94 Resp: 332442

Ion Ratio Lower Upper

94 100

96 95.6 73.0 109.4





#7

Chloroethane

Concen: 11.382 ppbv

RT: 3.56 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0627ABS01

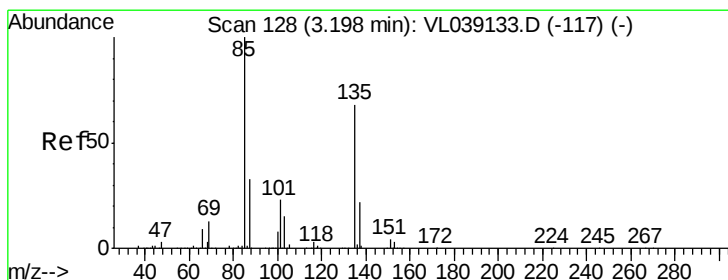
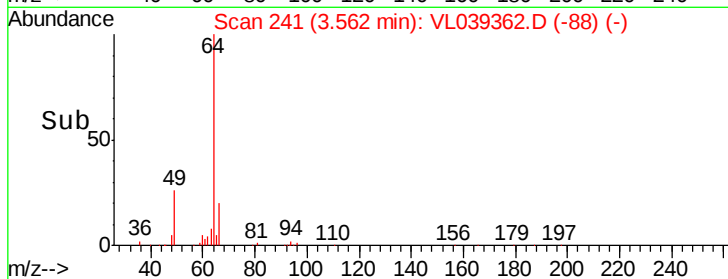
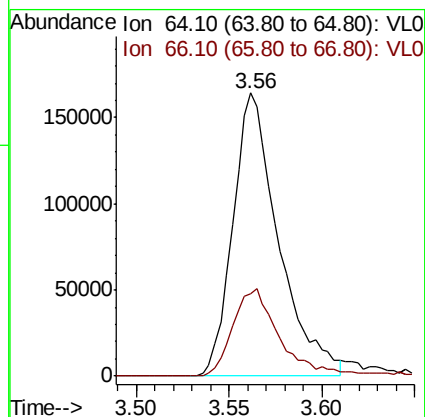
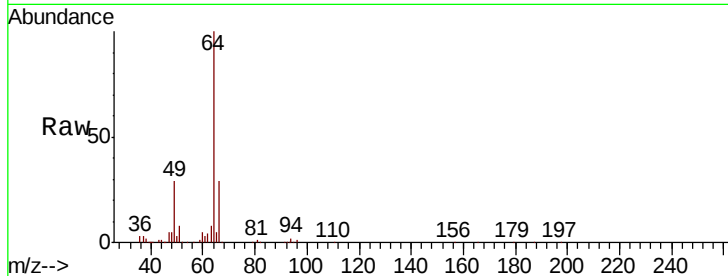
Acq: 27 Jun 2022 15:56

Tot Ion: 64 Resp: 280698

Ion Ratio Lower Upper

64 100

66 29.3 23.6 35.4



#8

Dichlorotetrafluoroethane

Concen: 10.138 ppbv

RT: 3.19 min Scan# 126

Delta R.T. -0.01 min

Lab File: VL039362.D

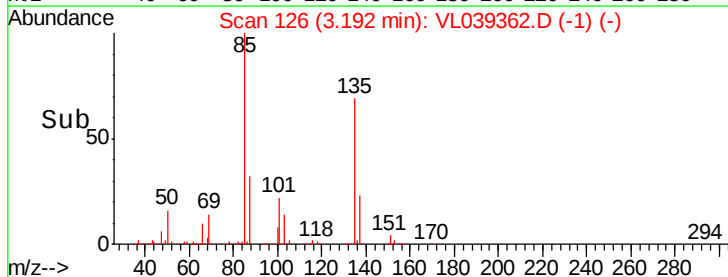
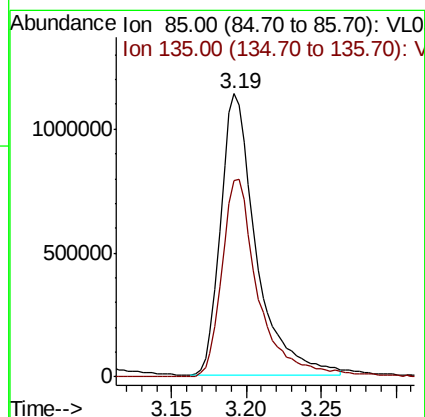
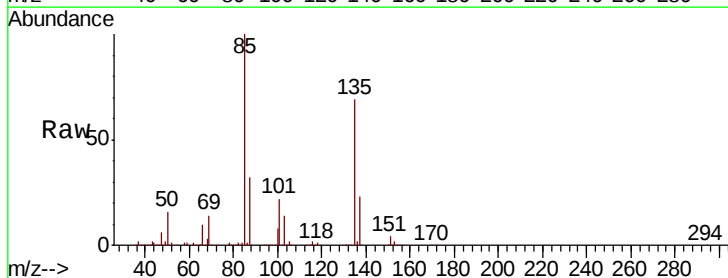
Acq: 27 Jun 2022 15:56

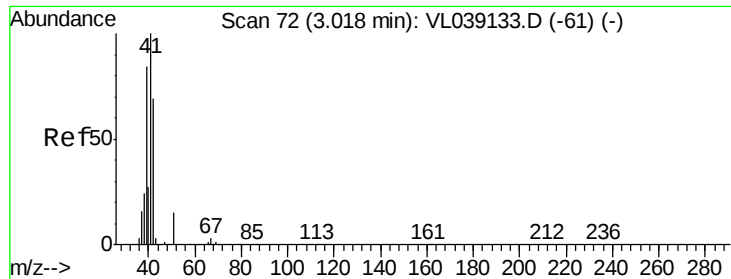
Tgt Ion: 85 Resp: 1885109

Ion Ratio Lower Upper

85 100

135 73.1 55.0 82.4





#9

Propene

Concen: 9.365 ppbv

RT: 3.02 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

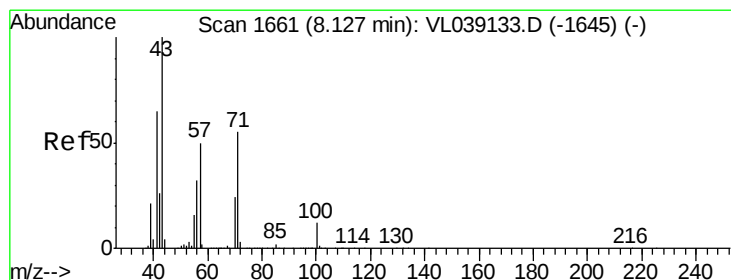
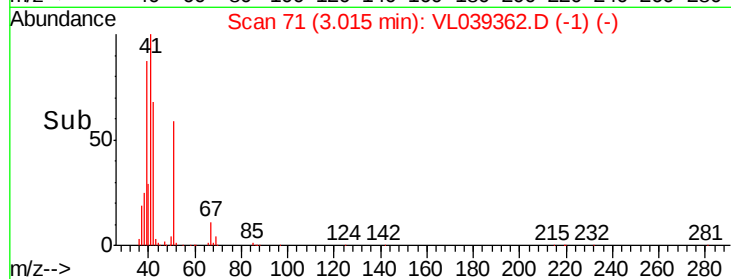
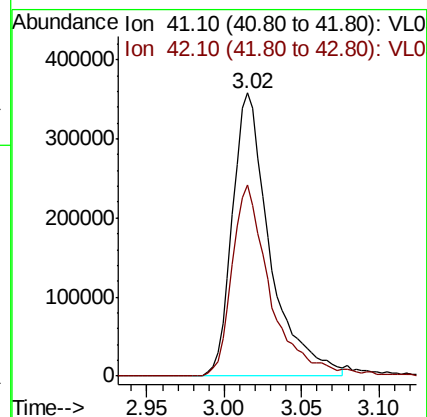
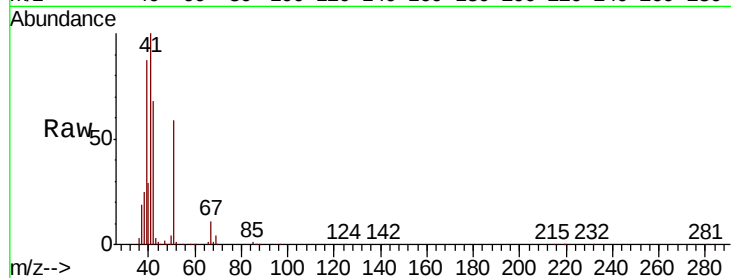
Acq: 27 Jun 2022 15:56 VL0627ABS01

Tot Ion: 41 Resp: 601900

Ion Ratio Lower Upper

41 100

42 70.0 55.4 83.2



#10

Heptane

Concen: 10.829 ppbv

RT: 8.13 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VL039362.D

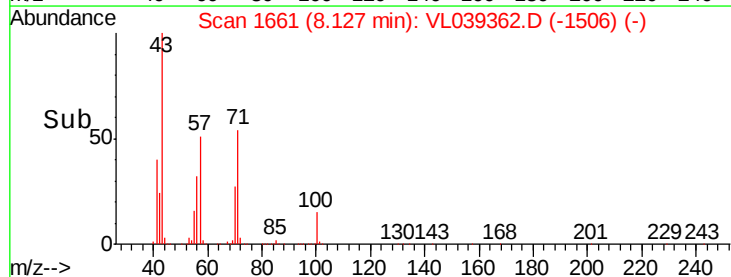
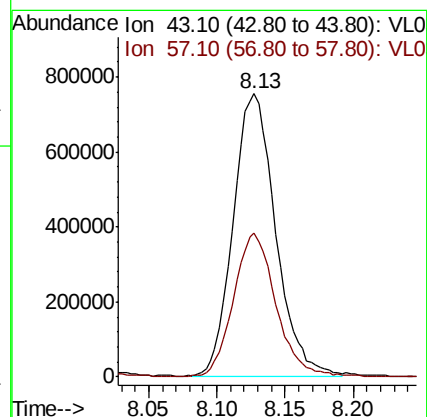
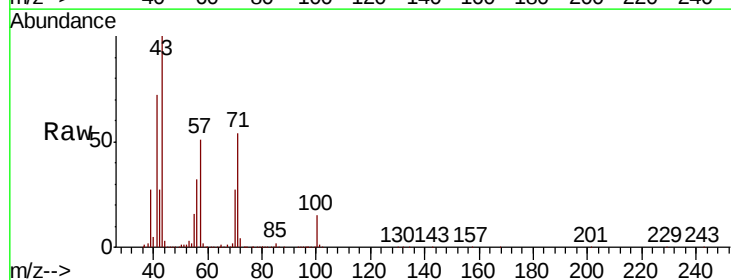
Acq: 27 Jun 2022 15:56

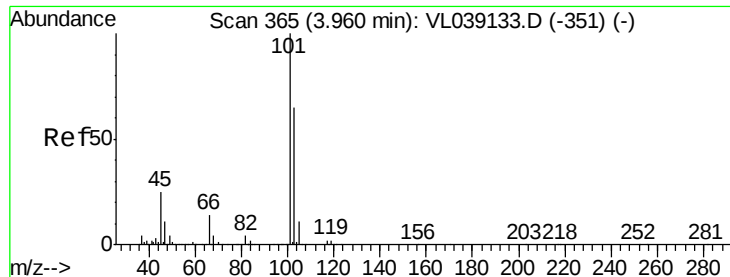
Tgt Ion: 43 Resp: 1623510

Ion Ratio Lower Upper

43 100

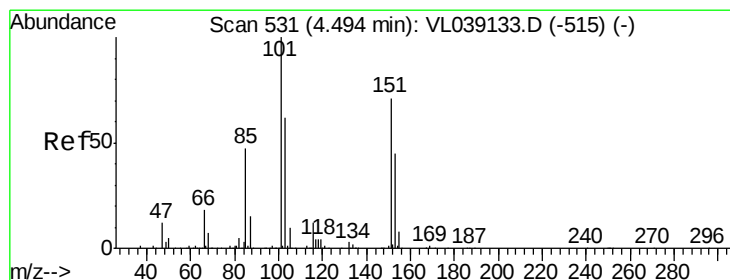
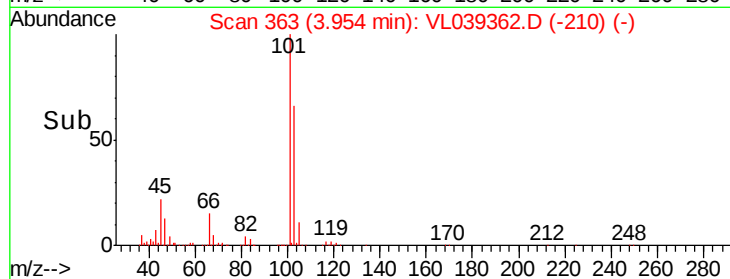
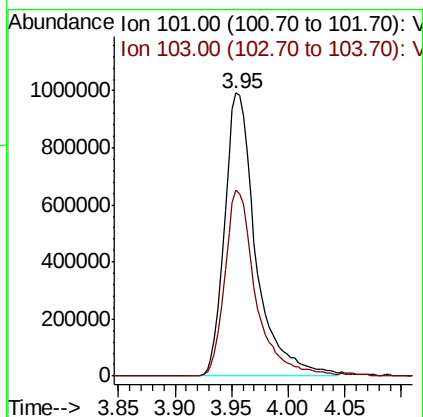
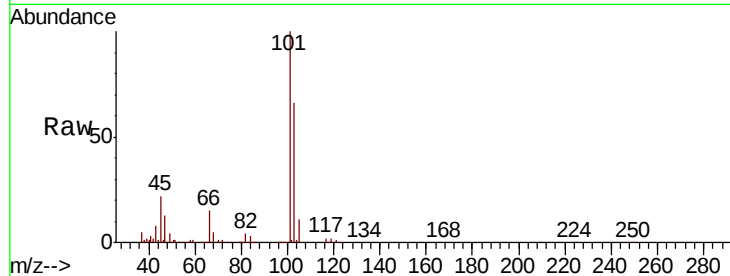
57 51.3 41.4 62.2





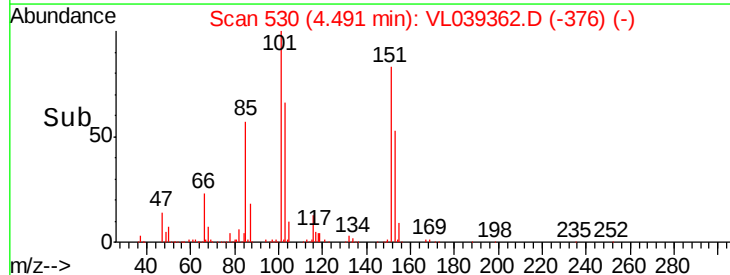
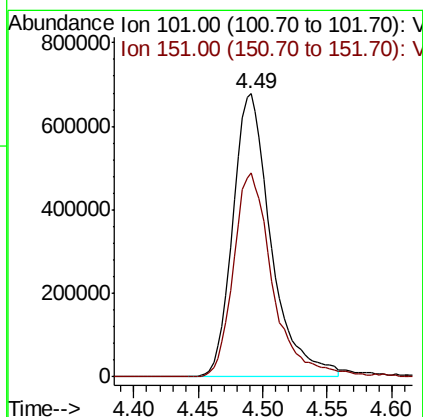
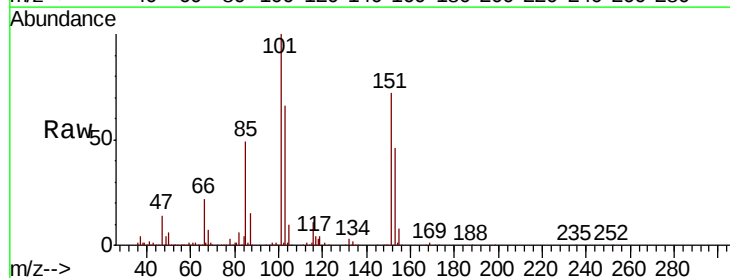
#11
 Trichlorofluoromethane
 Concen: 10.403 ppbv
 RT: 3.95
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VL0627ABS01
 Acq: 27 Jun 2022 15:56

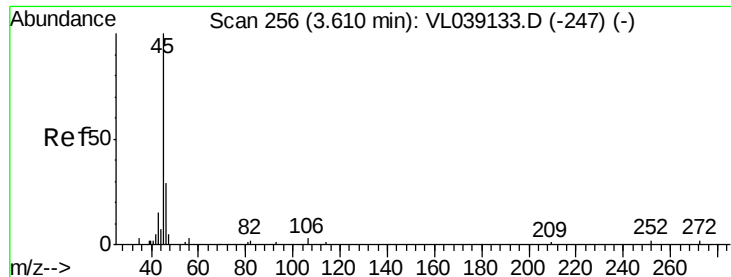
Tot Ion:101 Resp: 1916045
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.478 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VL039362.D
 Acq: 27 Jun 2022 15:56

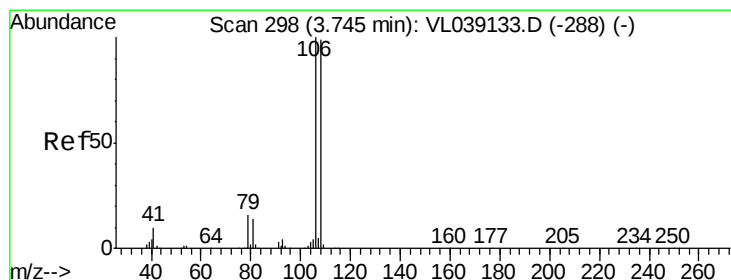
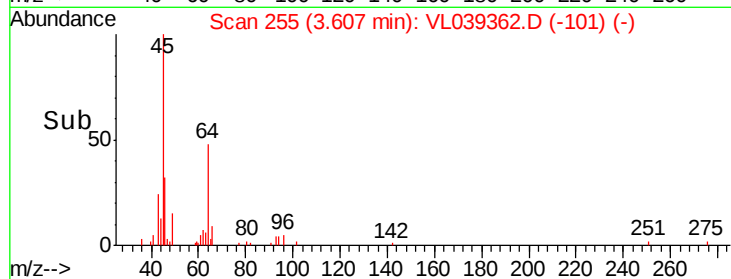
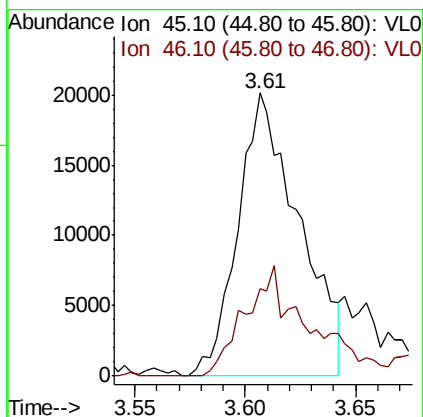
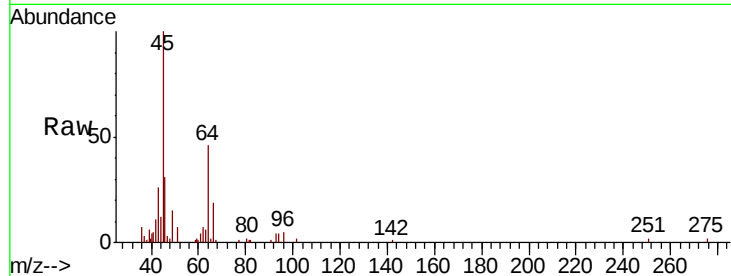
Tgt Ion:101 Resp: 1397954
 Ion Ratio Lower Upper
 101 100
 151 74.5 59.4 89.0





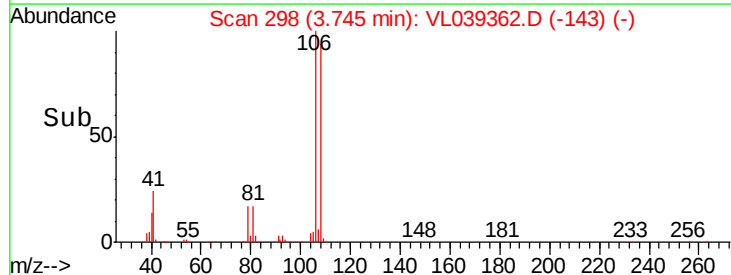
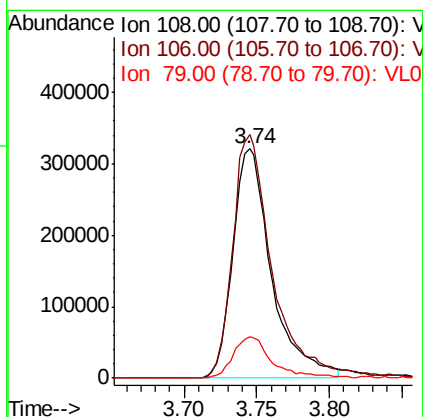
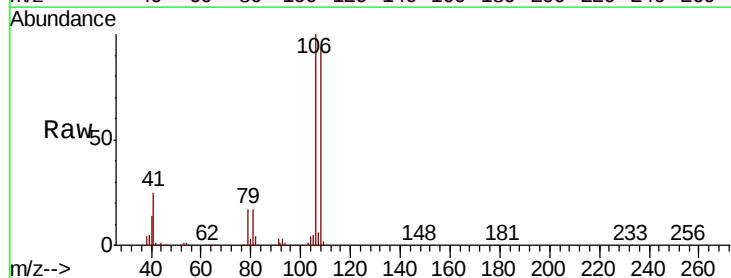
#13
 Ethanol
 Concen: 11.047 ppbv
 RT: 3.61
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL0627ABS01
 Acq: 27 Jun 2022 15:58

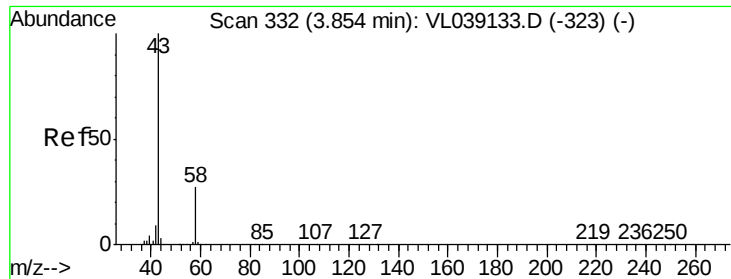
Tot Ion: 45 Resp: 38719
 Ion Ratio Lower Upper
 45 100
 46 45.5 0.0 0.0#



#14
 Bromoethene
 Concen: 10.846 ppbv
 RT: 3.74 min Scan# 298
 Delta R.T.: -0.00 min
 Lab File: VL039362.D
 Acq: 27 Jun 2022 15:56

Tgt Ion: 108 Resp: 593868
 Ion Ratio Lower Upper
 108 100
 106 110.4 88.4 132.6
 79 18.5 13.4 20.2





#15

Acetone

Concen: 11.421 ppbv

RT: 3.85 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

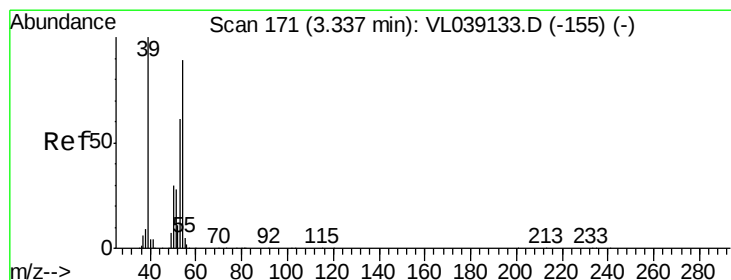
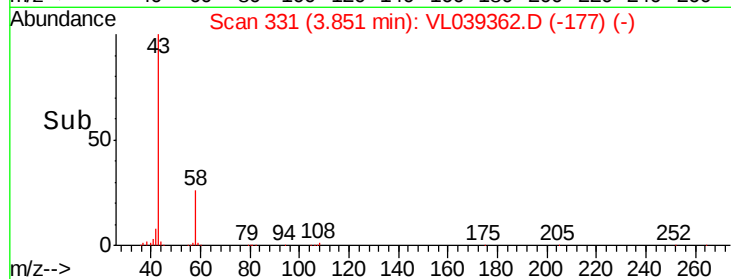
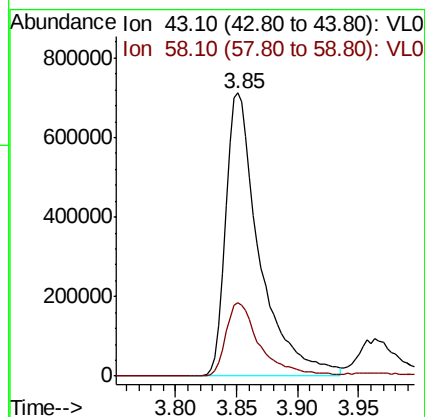
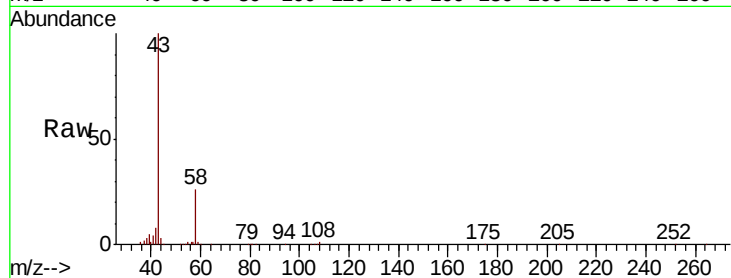
Acq: 27 Jun 2022 15:56 VL0627ABS01

Tot Ion: 43 Resp: 1378120

Ion Ratio Lower Upper

43 100

58 26.2 22.5 33.7



#16

1,3-Butadiene

Concen: 11.516 ppbv

RT: 3.33 min Scan# 169

Delta R.T. -0.01 min

Lab File: VL039362.D

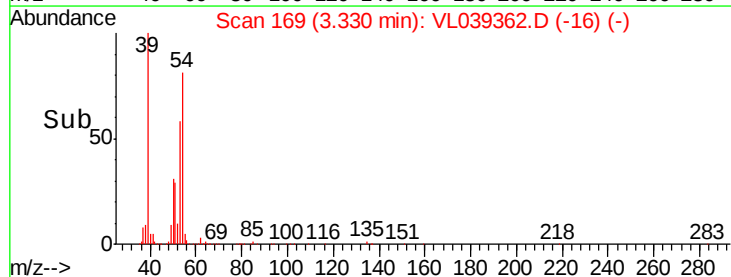
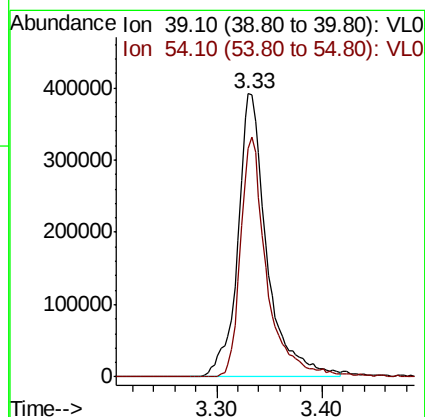
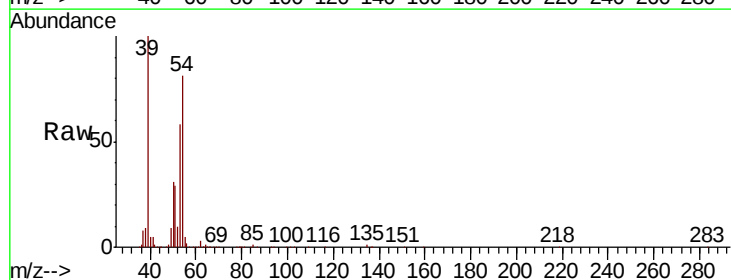
Acq: 27 Jun 2022 15:56

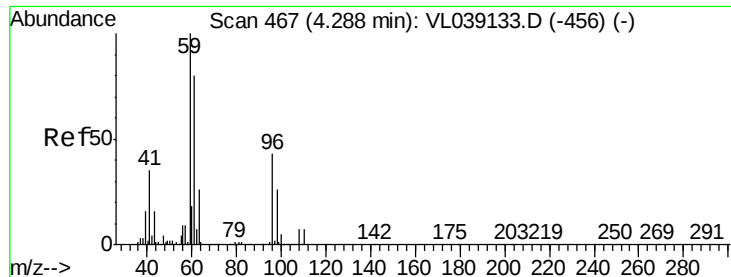
Tgt Ion: 39 Resp: 746997

Ion Ratio Lower Upper

39 100

54 77.1 65.8 98.6





#17

tert-Butyl alcohol

Concen: 12.741 ppbv

RT: 4.29 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

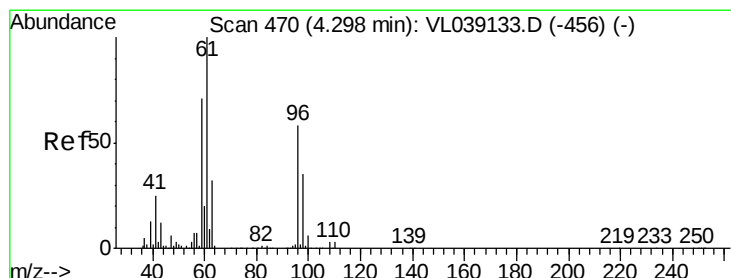
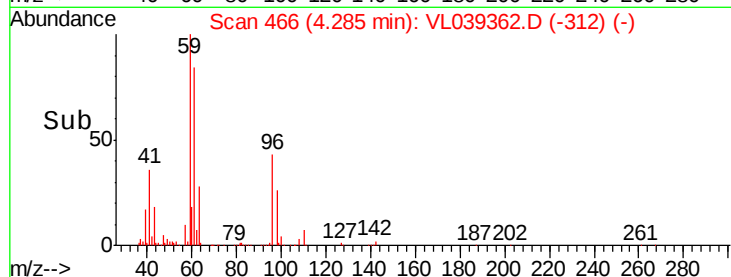
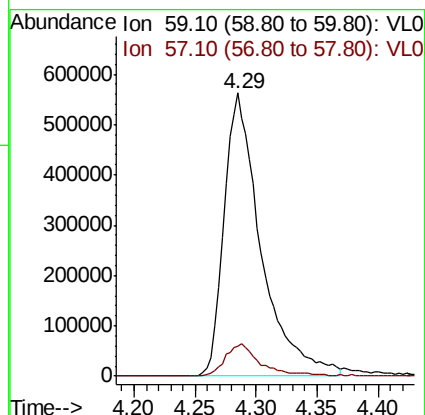
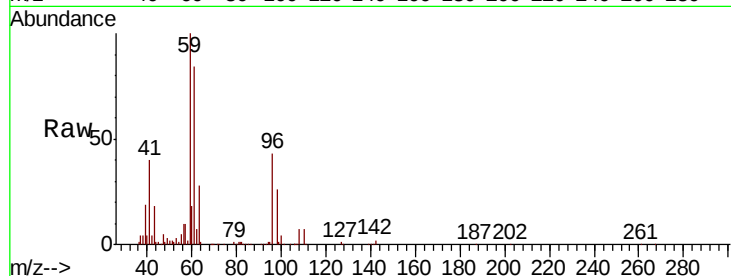
Acq: 27 Jun 2022 15:56

Tot Ion: 59 Resp: 1192542

Ion Ratio Lower Upper

59 100

57 11.1 9.1 13.7



#18

1,1-Dichloroethene

Concen: 11.658 ppbv

RT: 4.29 min Scan# 469

Delta R.T. -0.00 min

Lab File: VL039362.D

Acq: 27 Jun 2022 15:56

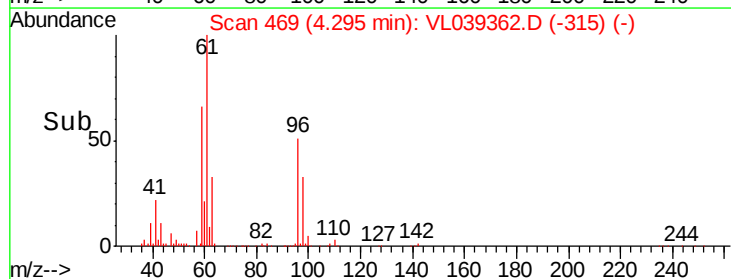
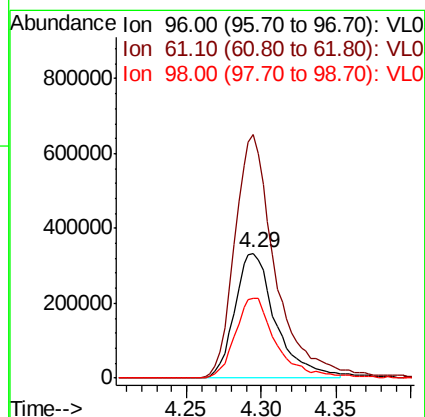
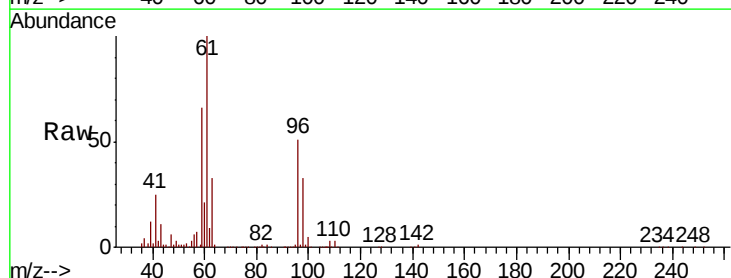
Tgt Ion: 96 Resp: 636962

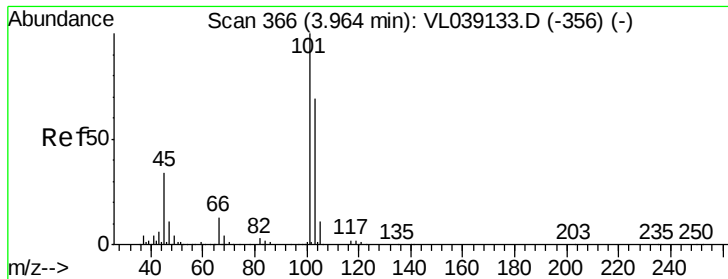
Ion Ratio Lower Upper

96 100

61 195.4 138.4 207.6

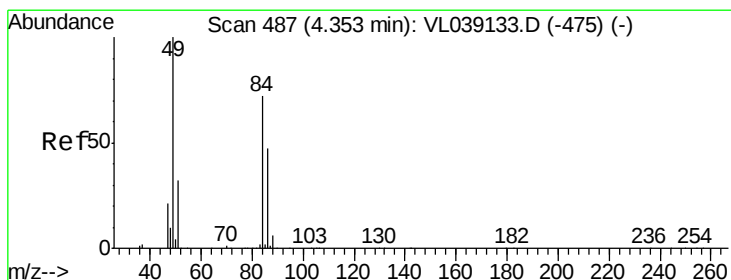
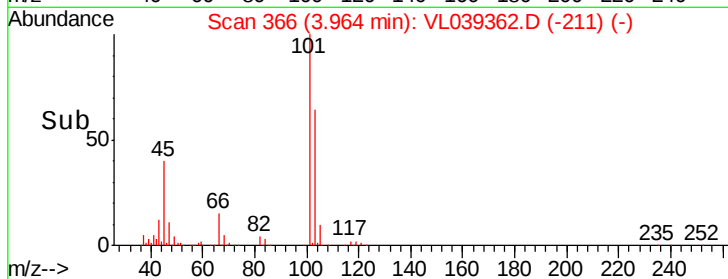
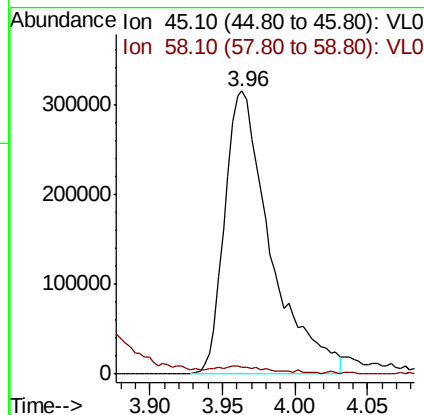
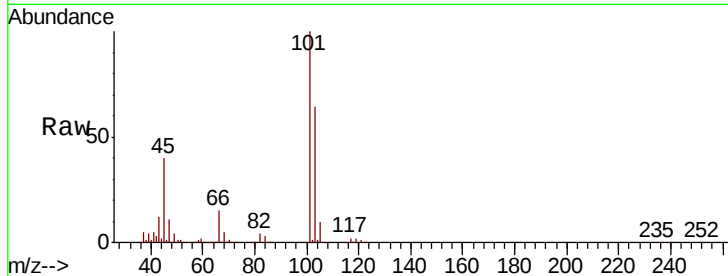
98 63.8 47.8 71.8





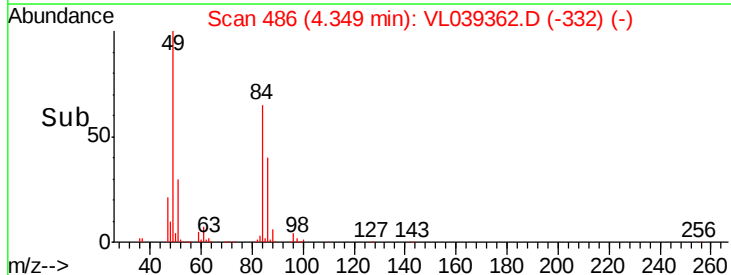
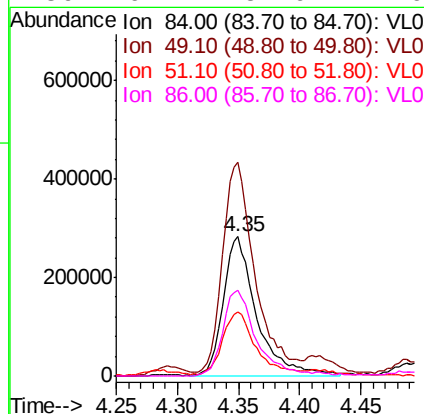
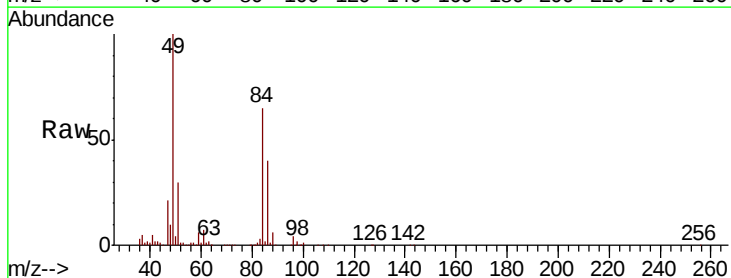
#19
Isopropyl Alcohol
Concen: 12.188 ppbv
RT: 3.96
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0627ABS01
Acq: 27 Jun 2022 15:56

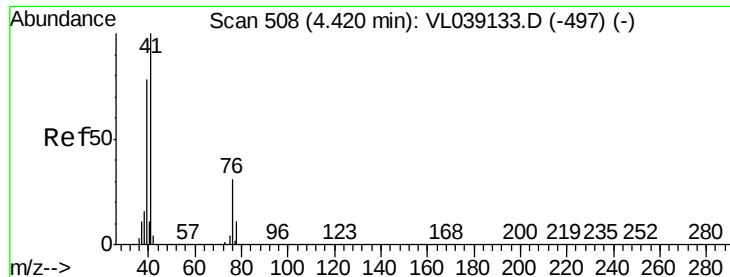
Tot Ion: 45 Resp: 689769
Ion Ratio Lower Upper
45 100
58 3.5 1.8 2.8#



#20
Methylene Chloride
Concen: 10.531 ppbv
RT: 4.35 min Scan# 486
Delta R.T. -0.00 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

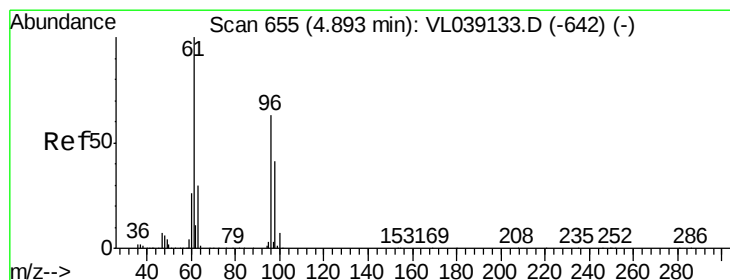
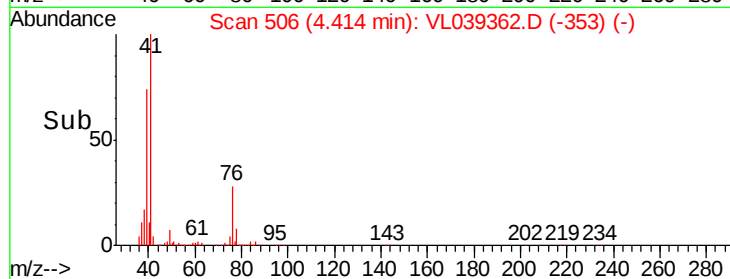
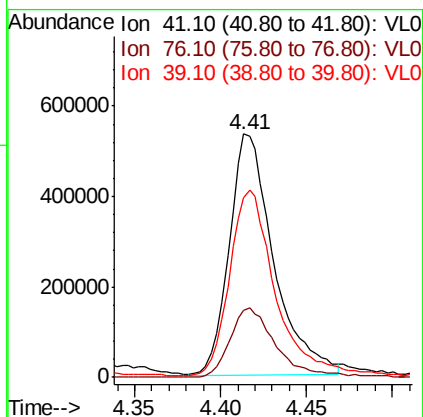
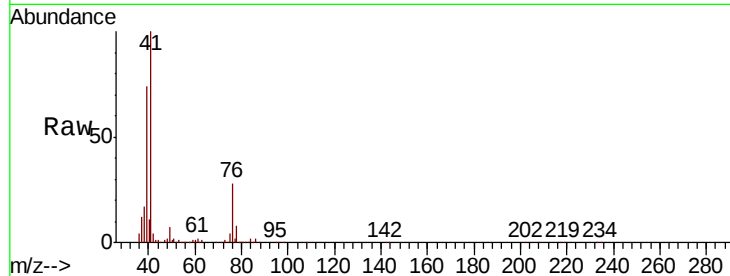
Tgt Ion: 84 Resp: 535492
Ion Ratio Lower Upper
84 100
49 151.4 111.1 166.7
51 45.4 35.3 52.9
86 61.7 51.9 77.9





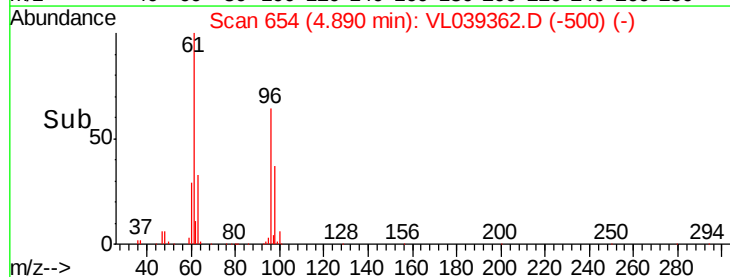
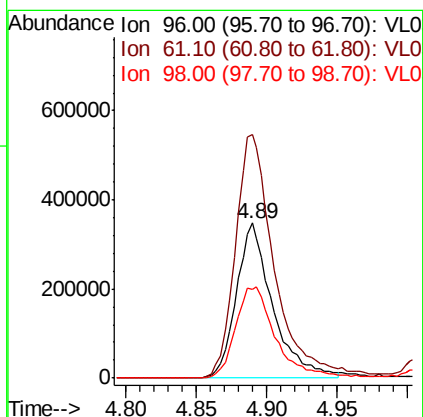
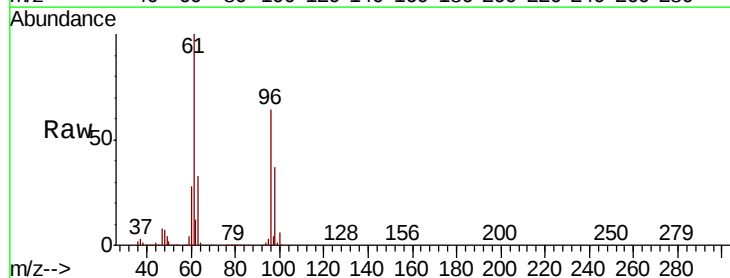
#21
 Allvl Chloride
 Concen: 11.864 ppbv
 RT: 4.41
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0627ABS01
 Acq: 27 Jun 2022 15:56

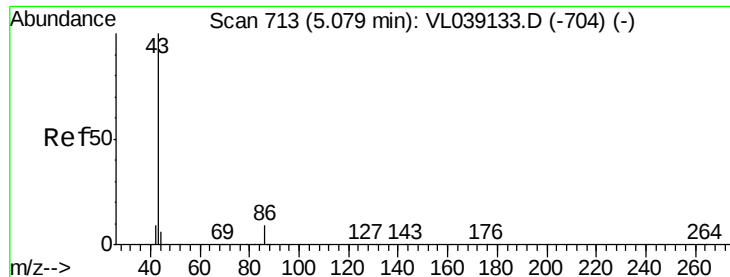
Tot Ion:	41	Resp:	965702
Ion	Ratio	Lower	Upper
41	100		
76	30.0	24.2	36.2
39	79.8	62.2	93.2



#22
 trans-1,2-Dichloroethene
 Concen: 11.953 ppbv
 RT: 4.89 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: VL039362.D
 Acq: 27 Jun 2022 15:56

Tgt Ion:	96	Resp:	628359
Ion	Ratio	Lower	Upper
96	100		
61	156.9	126.6	190.0
98	57.5	52.5	78.7





#23

Vinyl Acetate

Concen: 11.072 ppbv

RT: 5.08 Instrument: MSVOA_1

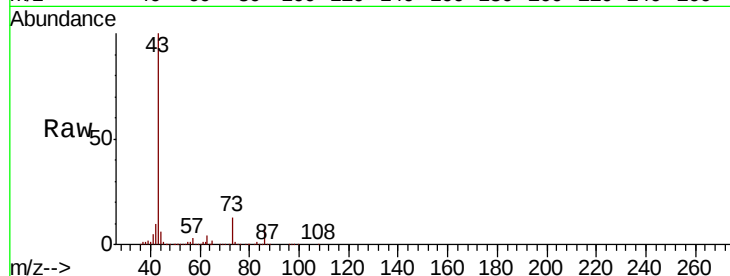
Delta R.T.

Lab File: ClientSampleId:

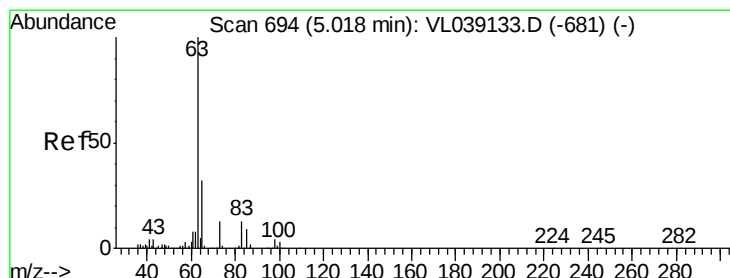
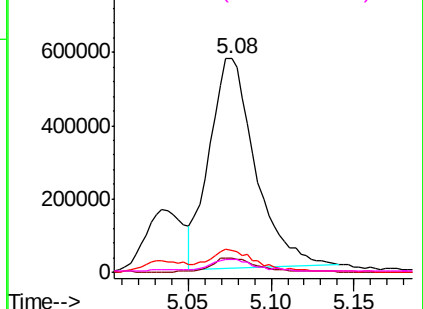
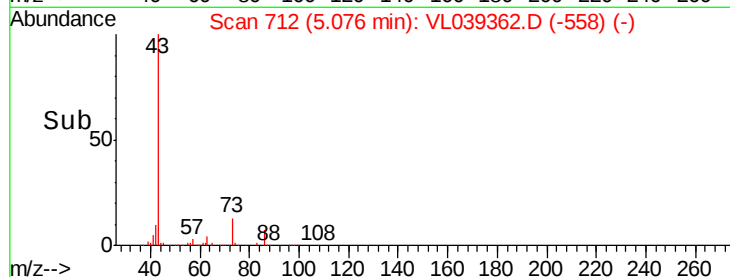
Acq: 27 Jun 2022 15:56 VL0627ABS01

Tot Ion: 43 Resp: 1105447

Ion	Ratio	Lower	Upper
43	100		
86	6.7	6.0	9.0
42	9.6	8.2	12.4
44	5.7	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: 10.426 ppbv

RT: 5.01 min Scan# 693

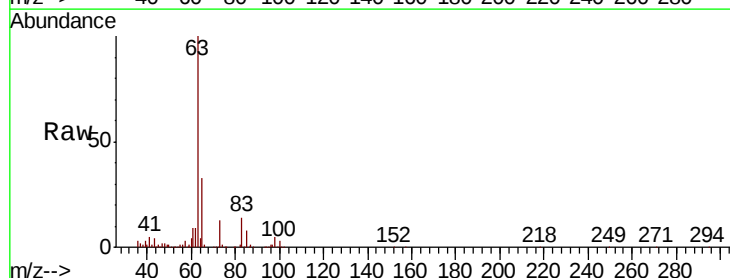
Delta R.T. -0.00 min

Lab File: VL039362.D

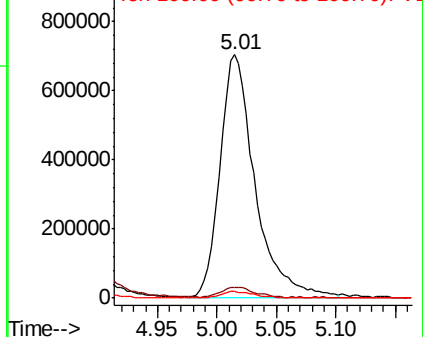
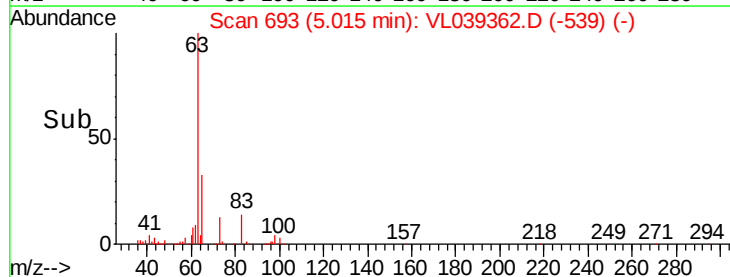
Acq: 27 Jun 2022 15:56

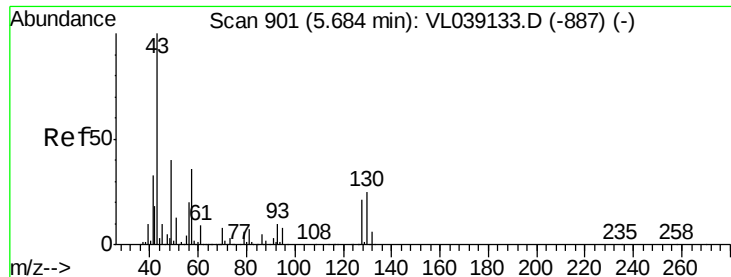
Tgt Ion: 63 Resp: 1426165

Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.1	6.2
100	2.7	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: 10.640 ppbv

RT: 5.68 Instrument: MSVOA_1

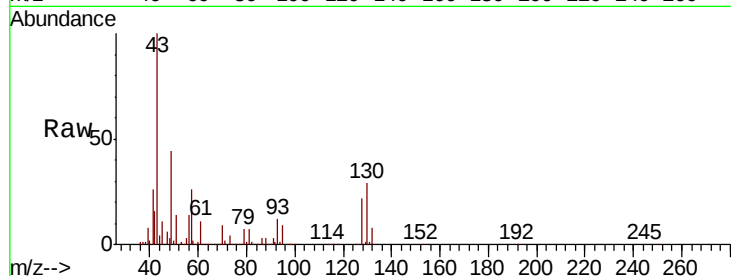
Delta R.T. -0.00 min

Lab File: VL0627ABS01

Acq: 27 Jun 2022 15:56

Tot Ion: 43 Resp: 2893769

Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.2	12.2
61	10.5	8.4	12.6
70	7.1	5.6	8.4



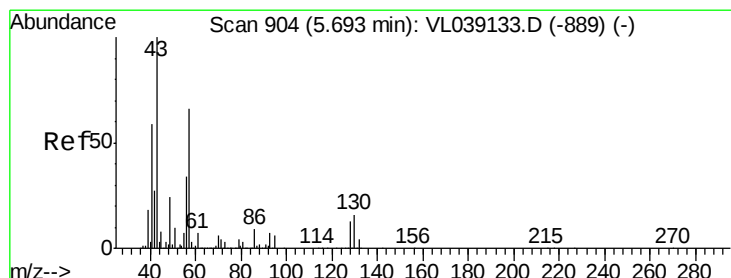
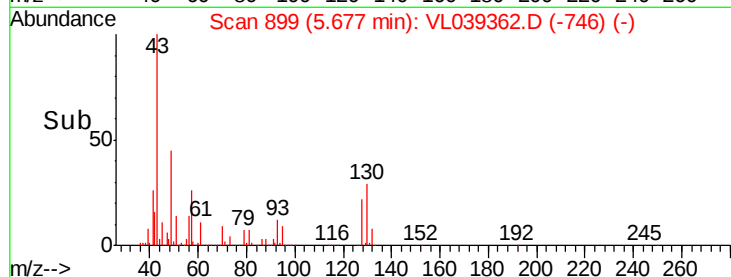
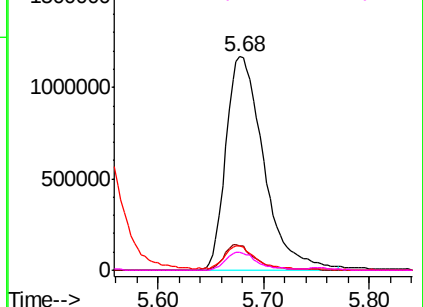
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26

Hexane

Concen: 10.372 ppbv

RT: 5.69 min Scan# 903

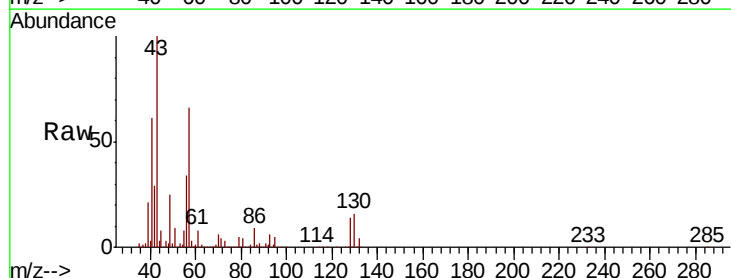
Delta R.T. -0.00 min

Lab File: VL039362.D

Acq: 27 Jun 2022 15:56

Tgt Ion: 57 Resp: 1239591

Ion	Ratio	Lower	Upper
57	100		
41	95.8	72.4	108.6
43	236.3	187.0	280.6
56	53.5	41.8	62.6



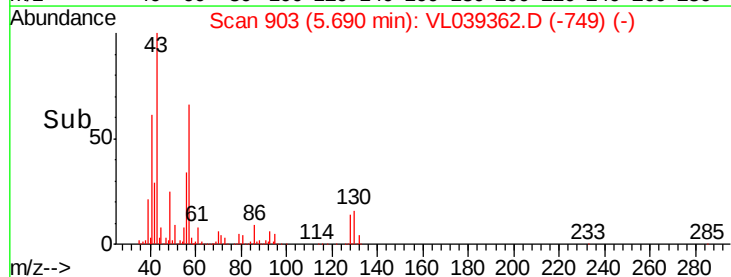
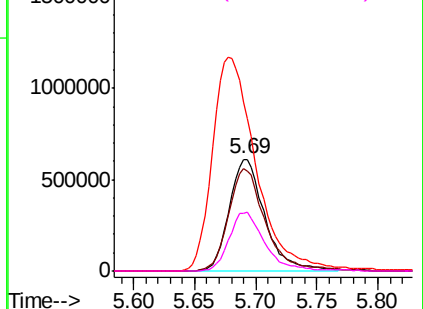
Abundance

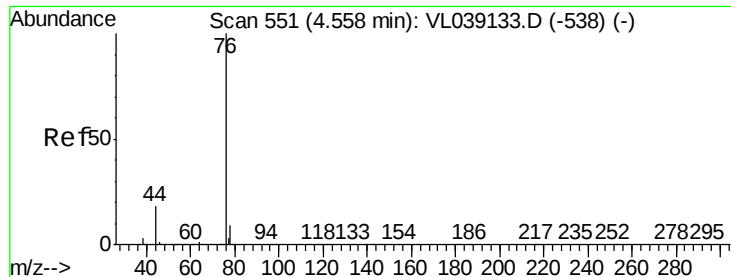
Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 12.471 ppbv

RT: 4.56 Instrument: MSVOA_1

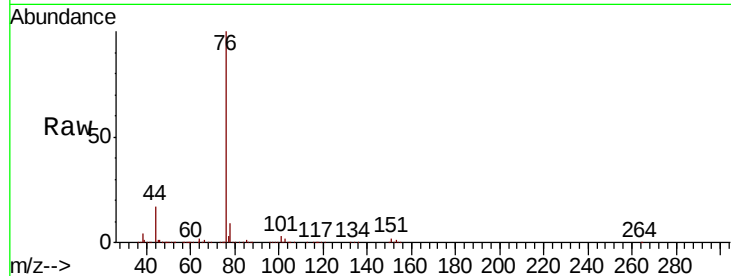
Delta R.T.

Lab File: ClientSampleId:

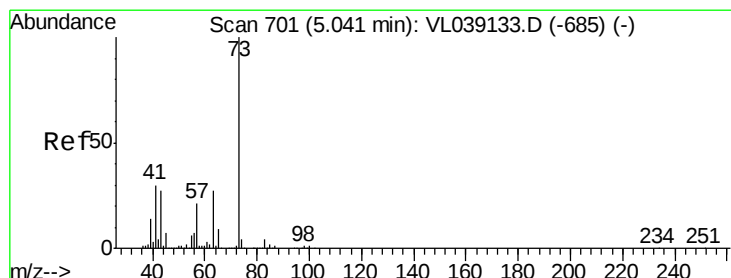
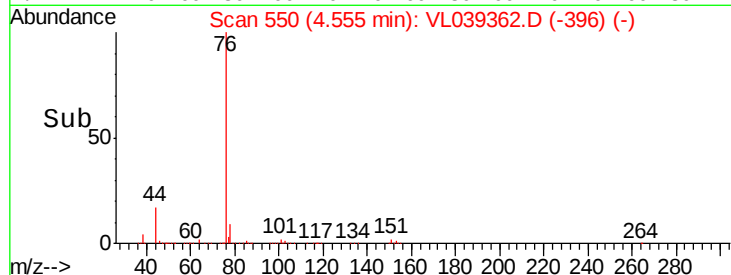
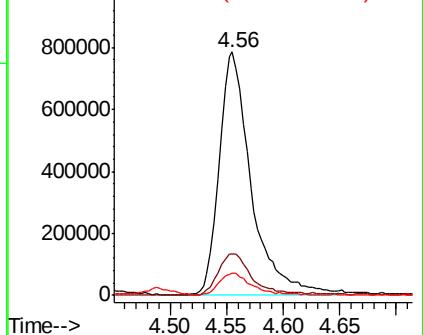
Acq: 27 Jun 2022 15:56 VL0627ABS01

Tot Ion: 76 Resp: 1544841

Ion	Ratio	Lower	Upper
76	100		
44	18.1	14.4	21.6
78	9.6	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: 10.195 ppbv

RT: 5.04 min Scan# 700

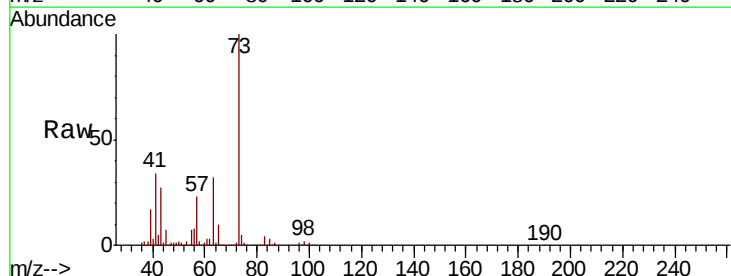
Delta R.T. -0.00 min

Lab File: VL039362.D

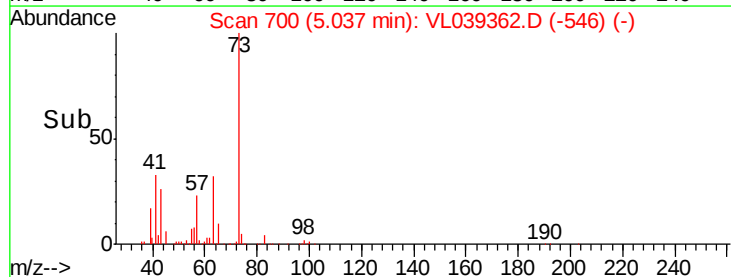
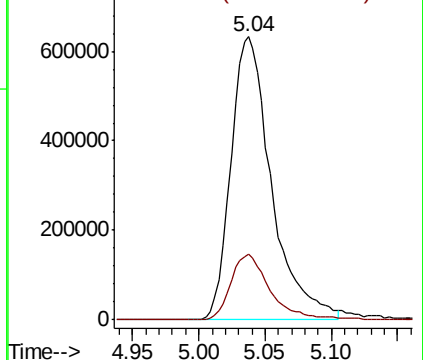
Acq: 27 Jun 2022 15:56

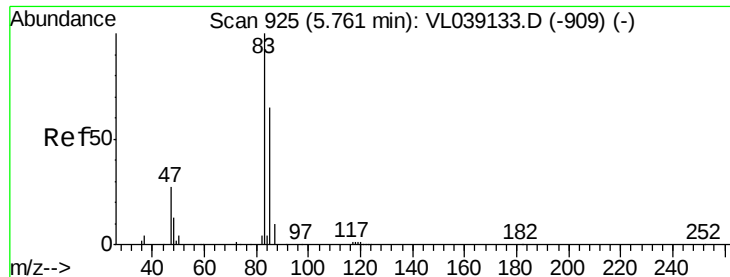
Tgt Ion: 73 Resp: 1345143

Ion	Ratio	Lower	Upper
73	100		
57	22.7	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: 9.884 ppbv

RT: 5.76 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0627ABS01

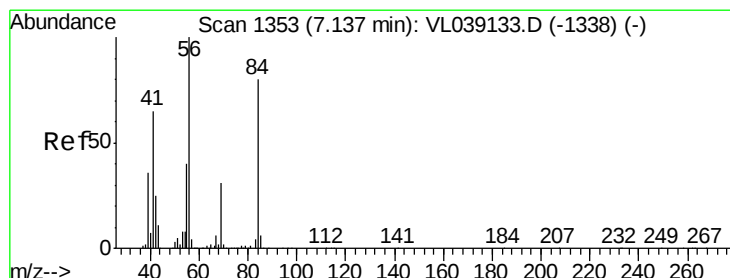
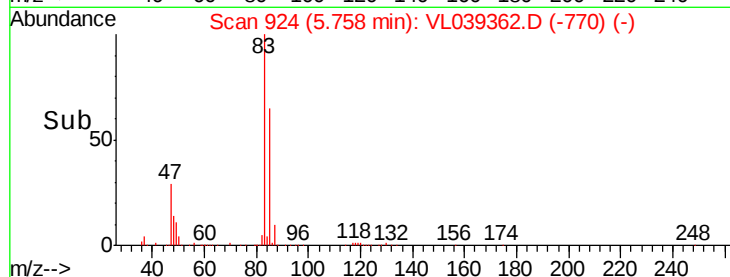
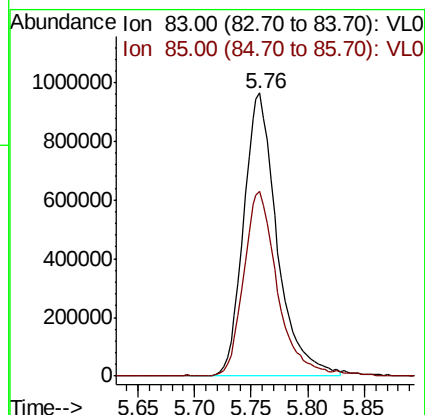
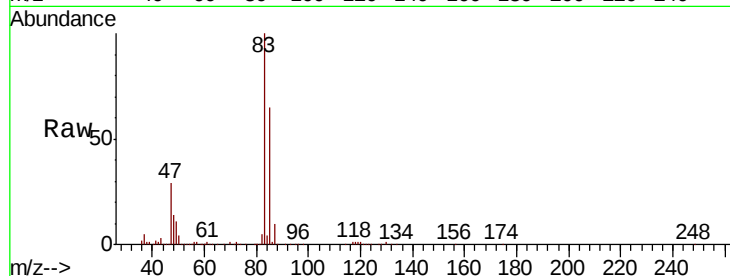
Acq: 27 Jun 2022 15:56

Tot Ion: 83 Resp: 1987910

Ion Ratio Lower Upper

83 100

85 65.0 52.4 78.6



#30

Cyclohexane

Concen: 10.878 ppbv

RT: 7.14 min Scan# 1353

Delta R.T. -0.00 min

Lab File: VL039362.D

Acq: 27 Jun 2022 15:56

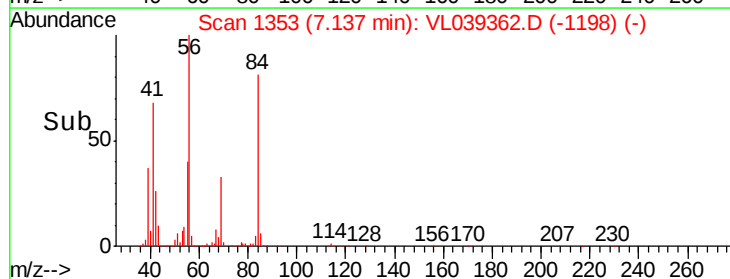
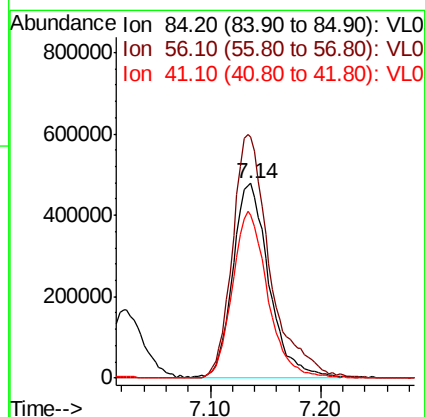
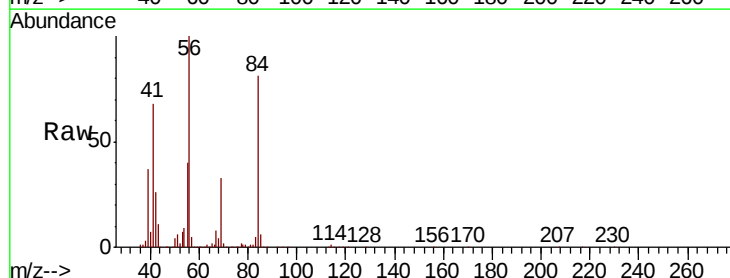
Tgt Ion: 84 Resp: 1092148

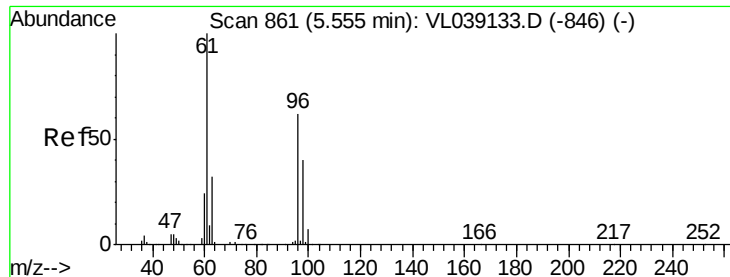
Ion Ratio Lower Upper

84 100

56 129.9 110.6 165.8

41 83.8 68.9 103.3





#31

cis-1,2-Dichloroethene

Concen: 10.210 ppbv

RT: 5.55 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 27 Jun 2022 15:50

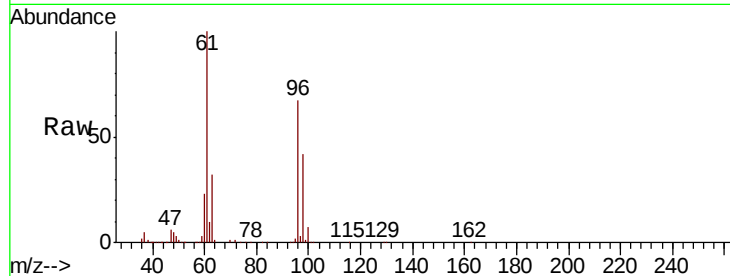
Tot Ion: 61 Resp: 1244306

Ion Ratio Lower Upper

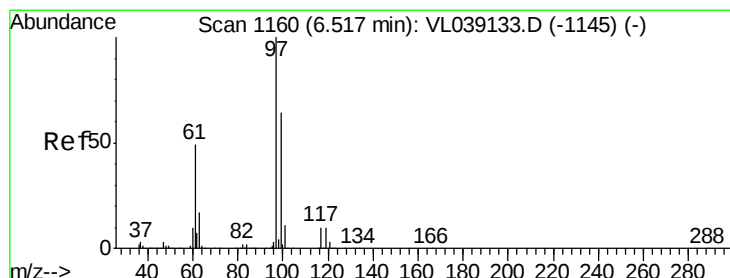
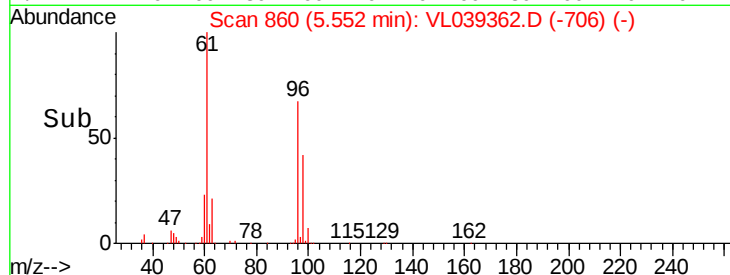
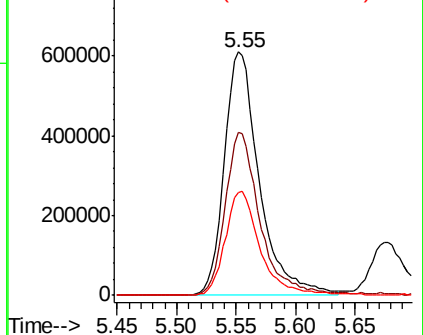
61 100

96 66.7 49.9 74.9

98 42.3 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: 10.165 ppbv

RT: 6.51 min Scan# 1159

Delta R.T. -0.00 min

Lab File: VL039362.D

Acq: 27 Jun 2022 15:56

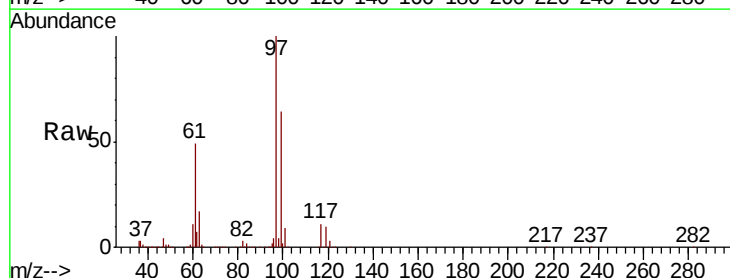
Tgt Ion: 97 Resp: 2000354

Ion Ratio Lower Upper

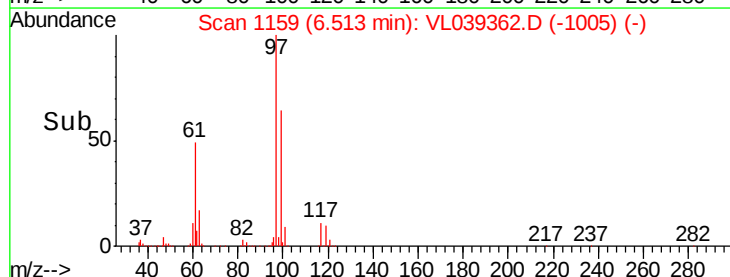
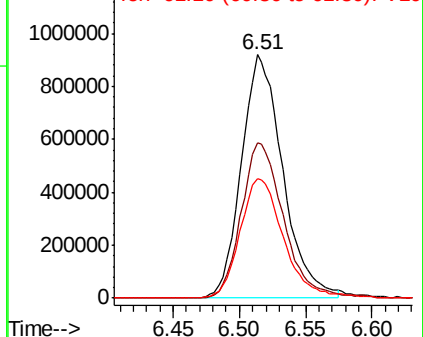
97 100

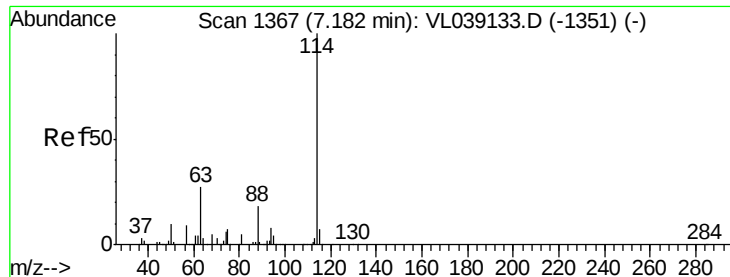
99 65.6 52.1 78.1

61 52.0 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

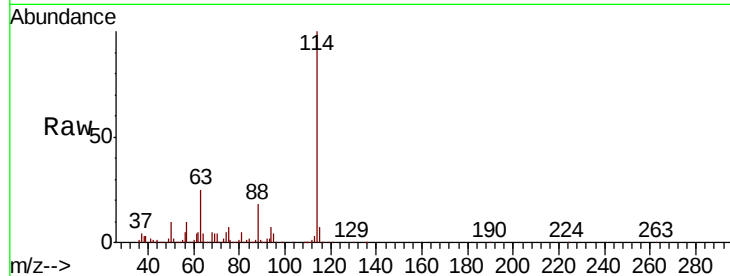




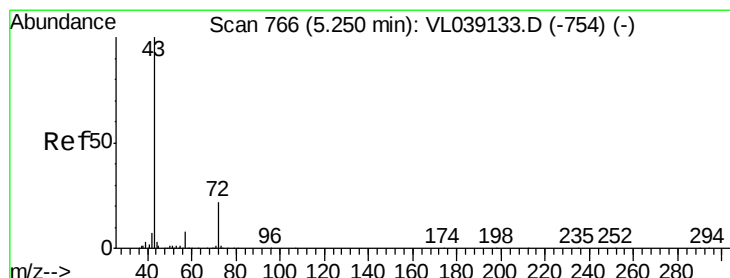
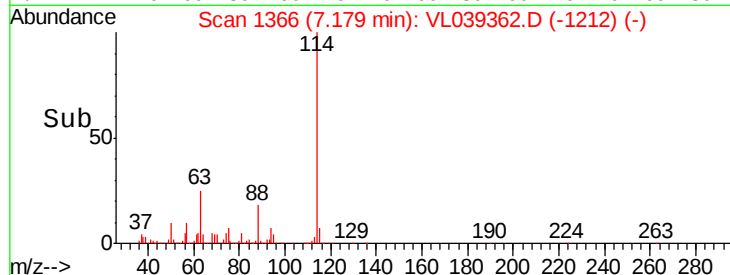
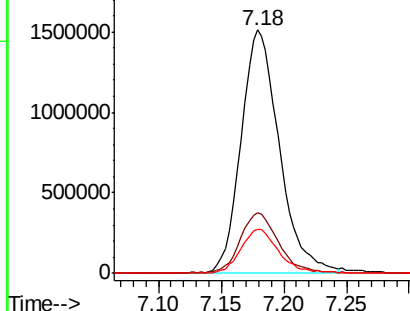
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0627ABS01
 Acq: 27 Jun 2022 15:56

Tot Ion:114 Resp: 3210642

Ion	Ratio	Lower	Upper
114	100		
63	25.2	21.7	32.5
88	18.1	14.8	22.2



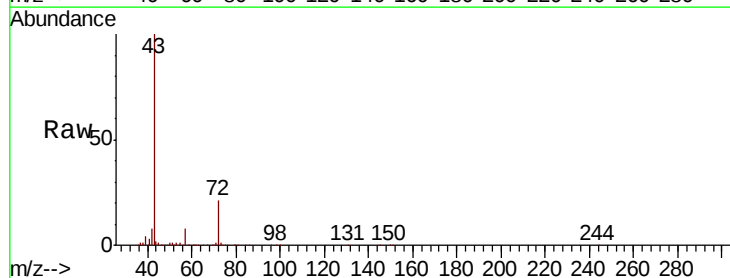
Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0



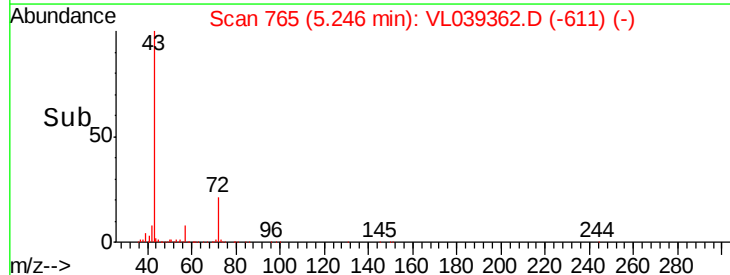
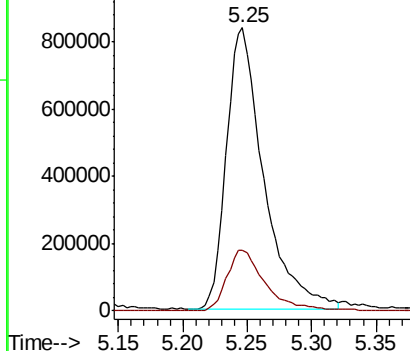
#34
 2-Butanone
 Concen: 9.714 ppbv
 RT: 5.25 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: VL039362.D
 Acq: 27 Jun 2022 15:56

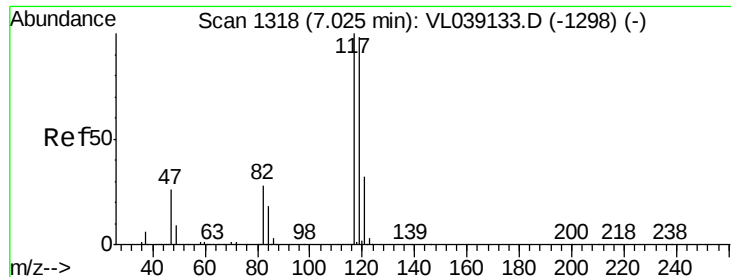
Tgt Ion: 43 Resp: 1694387

Ion	Ratio	Lower	Upper
43	100		
72	22.6	18.2	27.2



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0

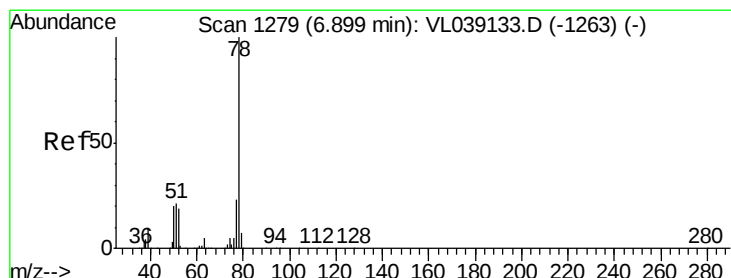
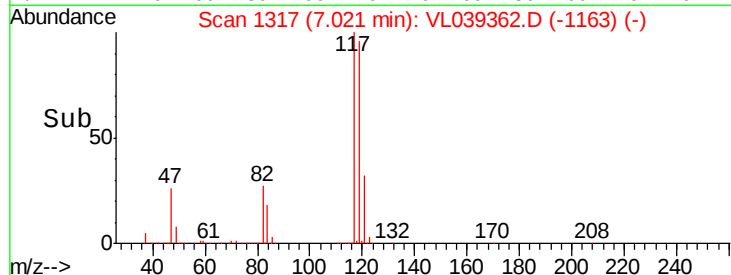
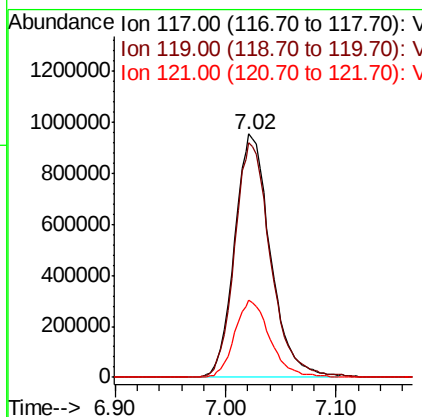
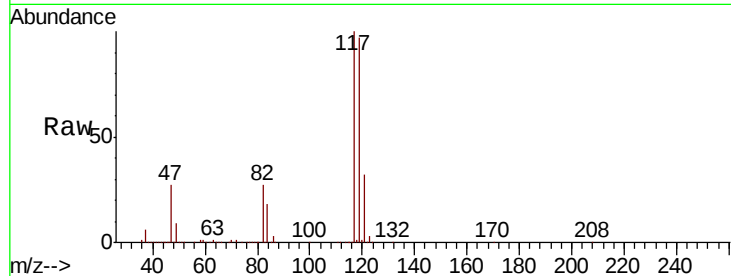




#35
Carbon Tetrachloride
Concen: 9.211 ppbv
RT: 7.02
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0627ABS01
Acq: 27 Jun 2022 15:56

Tot Ion:117 Resp: 2158419

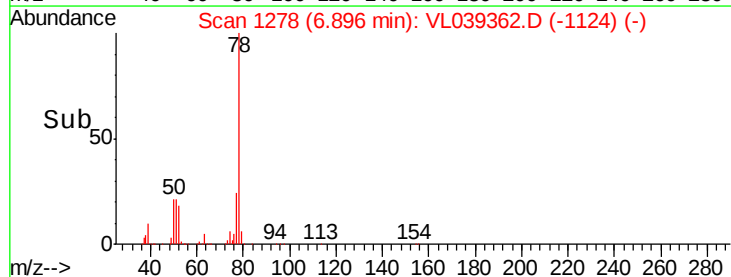
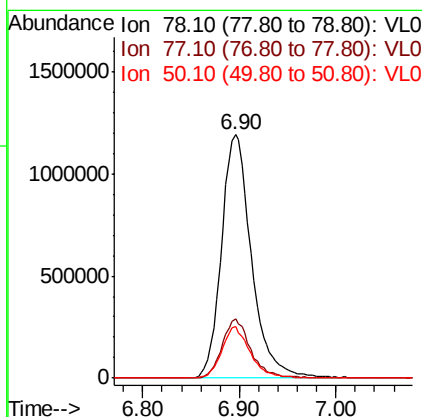
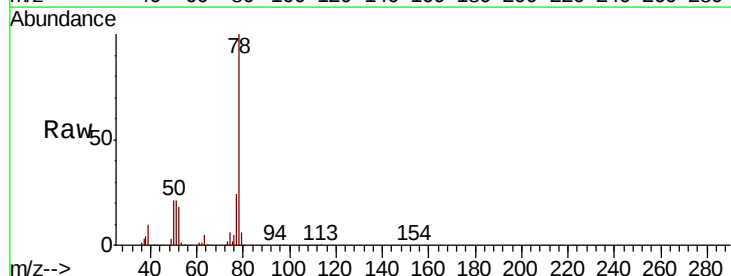
Ion	Ratio	Lower	Upper
117	100		
119	96.5	78.6	118.0
121	31.8	25.4	38.0

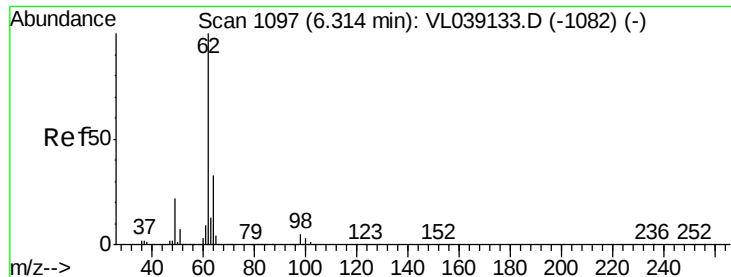


#36
Benzene
Concen: 9.863 ppbv
RT: 6.90 min Scan# 1278
Delta R.T. -0.00 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

Tgt Ion: 78 Resp: 2570781

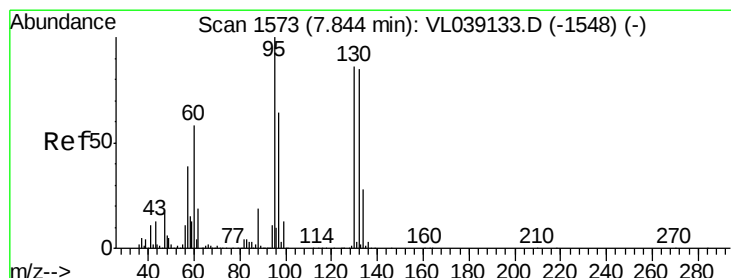
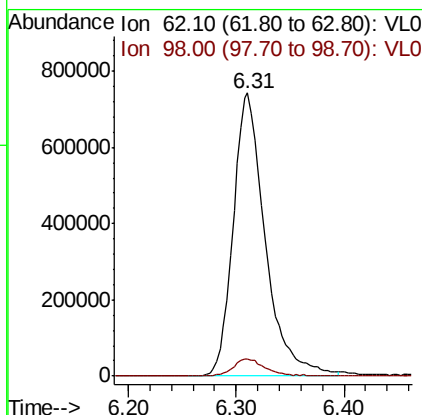
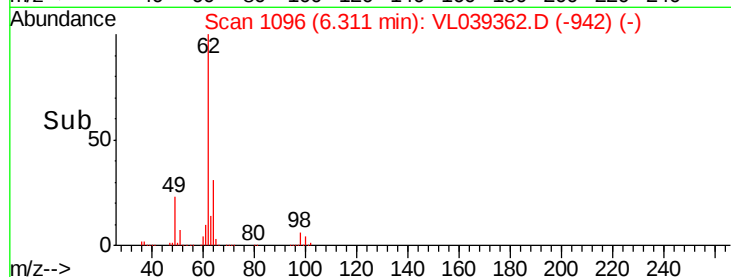
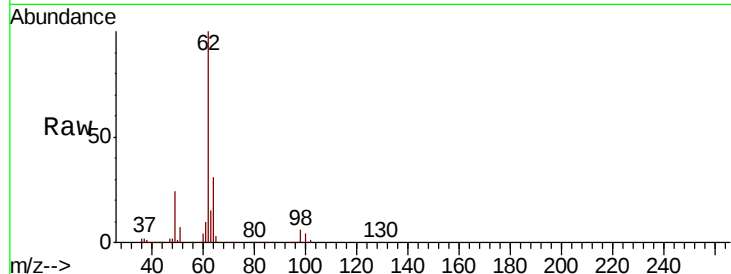
Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.6	27.8
50	21.2	15.8	23.8





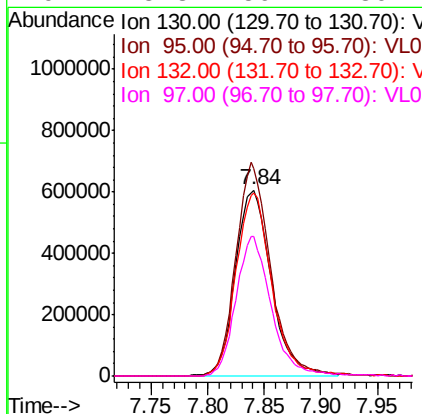
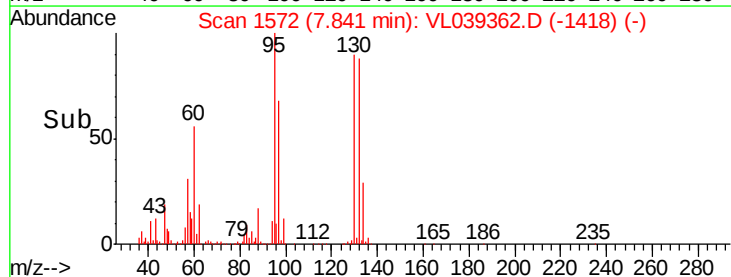
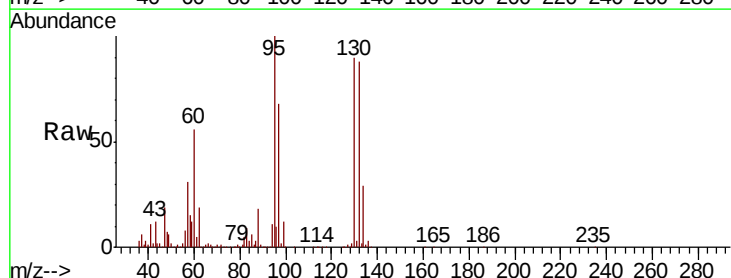
#37
 1,2-Dichloroethane
 Concen: 8.973 ppbv
 RT: 6.31
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0627ABS01
 Acq: 27 Jun 2022 15:56

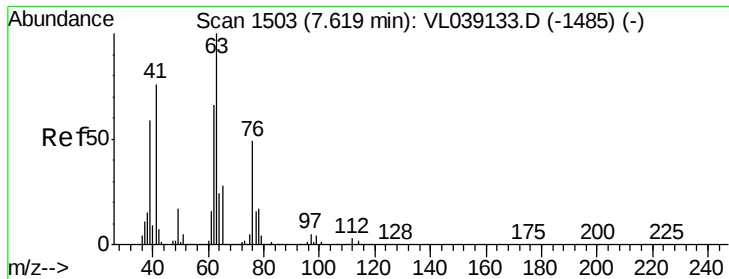
Tot Ion: 62 Resp: 1539257
 Ion Ratio Lower Upper
 62 100
 98 6.3 4.3 6.5



#38
 Trichloroethene
 Concen: 11.129 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VL039362.D
 Acq: 27 Jun 2022 15:56

Tgt Ion:130 Resp: 1332456
 Ion Ratio Lower Upper
 130 100
 95 111.4 93.3 139.9
 132 98.3 79.0 118.4
 97 75.3 59.4 89.2





#39

1,2-Dichloropropane

Concen: 9.136 ppbv

RT: 7.62 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Jun 2022 15:56 VL0627ABS01

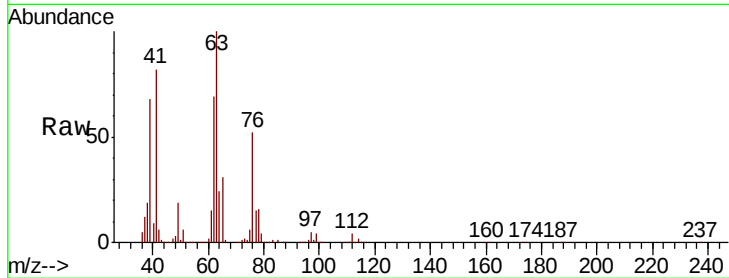
Tot Ion: 63 Resp: 947195

Ion Ratio Lower Upper

63 100

41 81.4 60.8 91.2

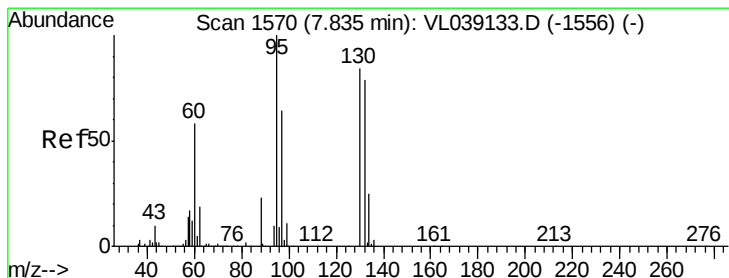
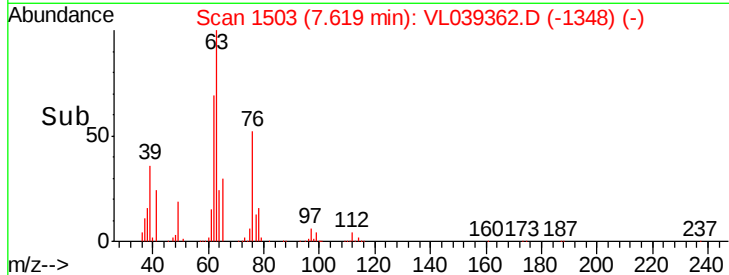
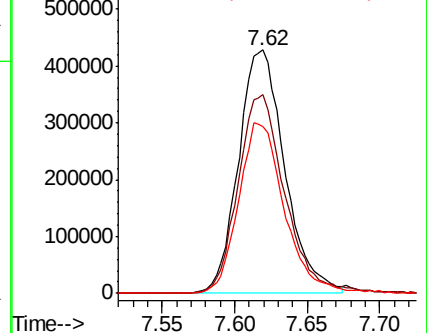
62 68.4 52.9 79.3



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#40

1,4-Dioxane

Concen: 10.060 ppbv

RT: 7.83 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VL039362.D

Acq: 27 Jun 2022 15:56

Tgt Ion: 88 Resp: 343370

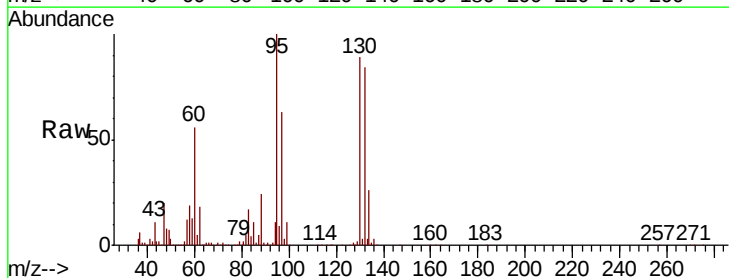
Ion Ratio Lower Upper

88 100

58 63.2 111.2 166.8#

43 0.0 234.2 351.4#

57 0.0 1039.9 1559.9#

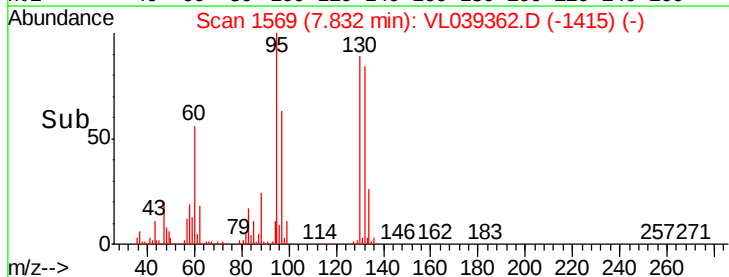
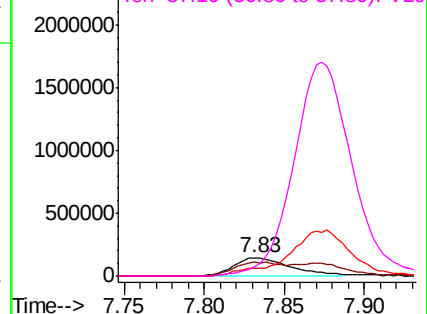


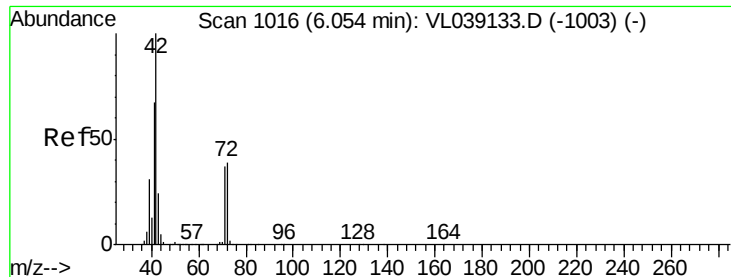
Abundance Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

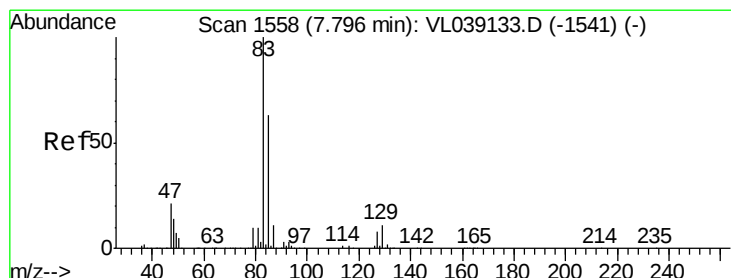
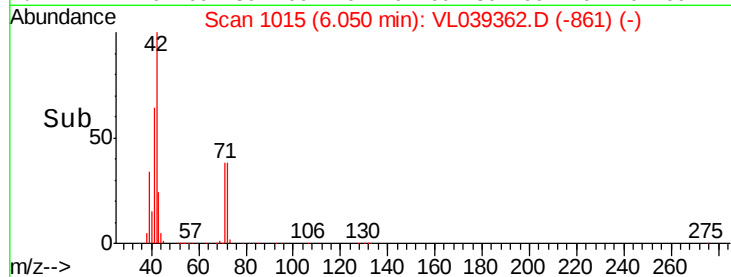
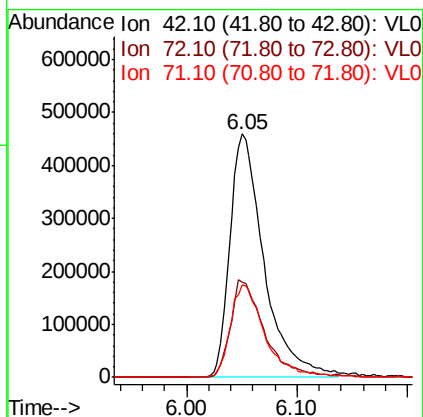
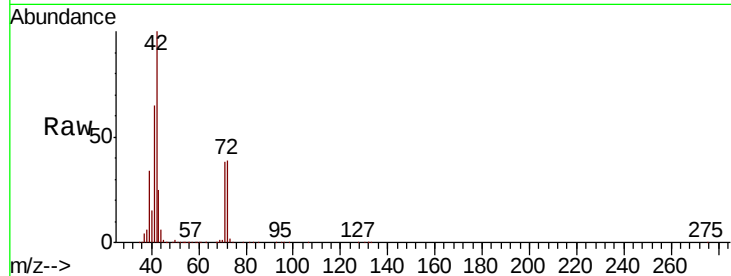
Ion 57.10 (56.80 to 57.80): VL0





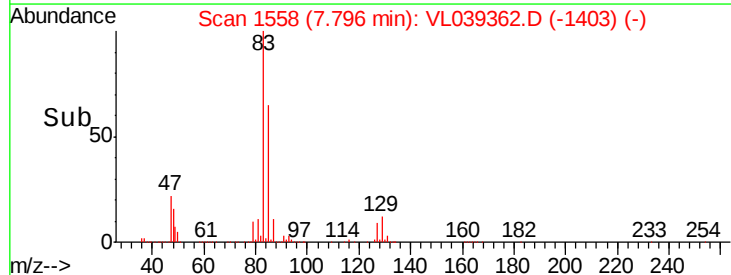
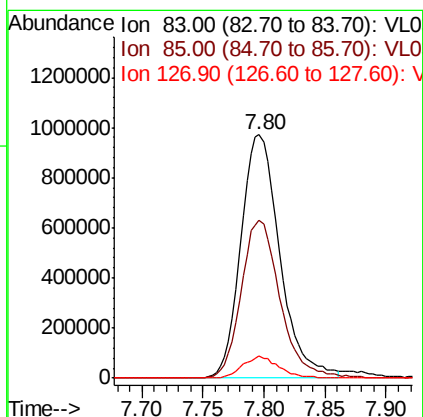
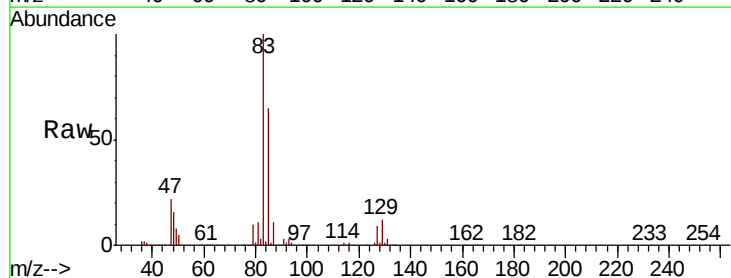
#41
Tetrahydrofuran
Concen: 9.407 ppbv
RT: 6.05
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL0627ABS01
Acq: 27 Jun 2022 15:56

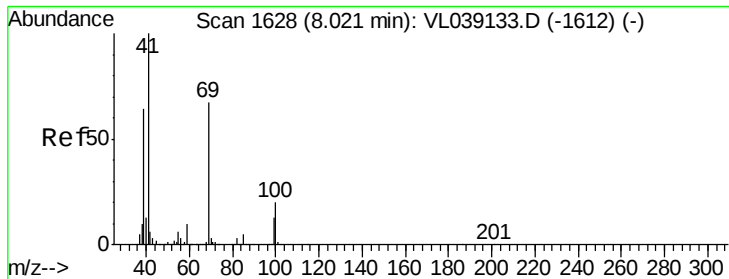
Tot Ion:	42	Resp:	986827
Ion	Ratio	Lower	Upper
42	100		
72	40.4	32.0	48.0
71	38.8	31.1	46.7



#42
Bromodichloromethane
Concen: 9.031 ppbv
RT: 7.80 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

Tgt Ion:	83	Resp:	2150027
Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.2	75.4
127	9.0	6.6	9.8





#43

Methyl Methacrylate

Concen: 10.167 ppbv

RT: 8.01

Instrument: MSVOA_1

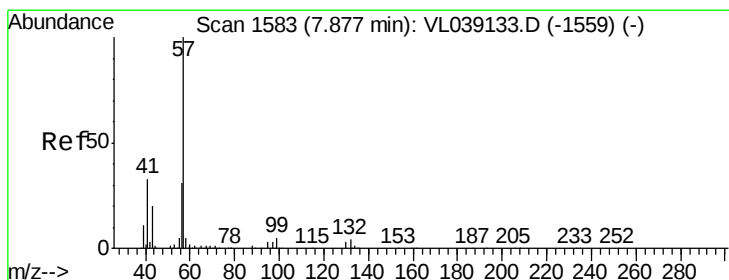
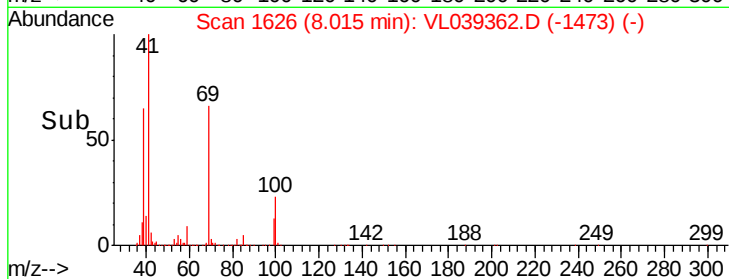
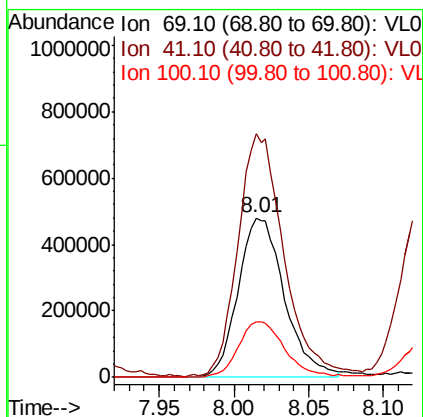
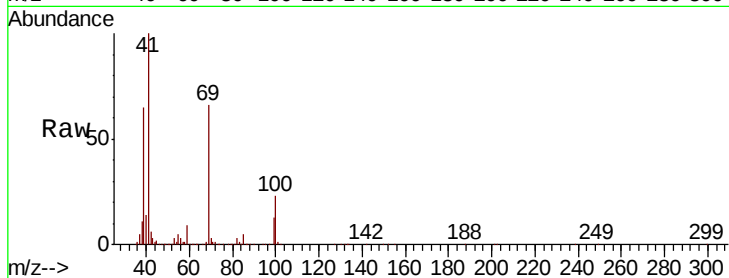
Delta R.T.:

Lab File: ClientSampleId:

Acq: 27 Jun 2022 15:56

Tot Ion: 69 Resp: 1032289

Ion	Ratio	Lower	Upper
69	100		
41	152.6	121.9	182.9
100	35.4	24.1	36.1



#44

2,2,4-Trimethylpentane

Concen: 9.517 ppbv

RT: 7.87 min Scan# 1582

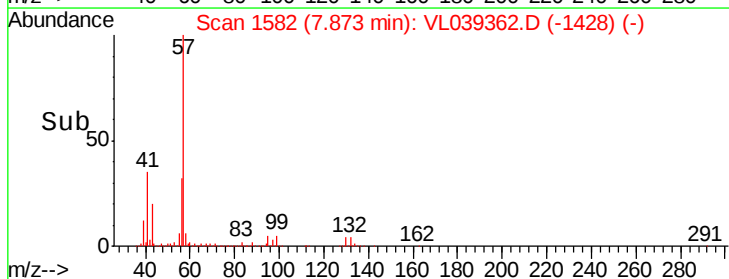
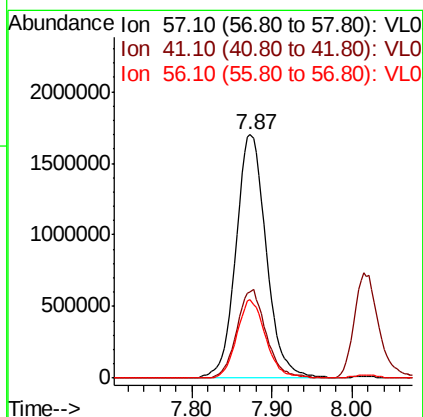
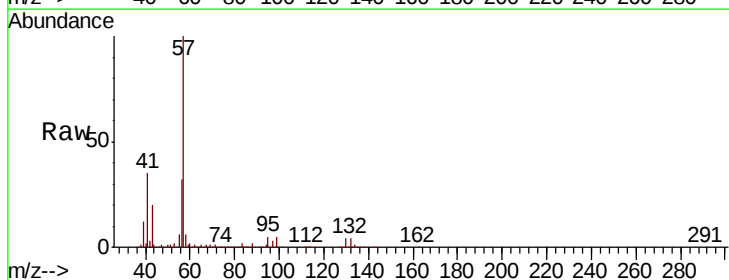
Delta R.T. -0.00 min

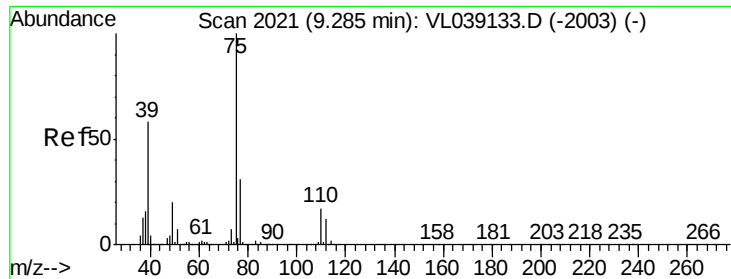
Lab File: VL039362.D

Acq: 27 Jun 2022 15:56

Tgt Ion: 57 Resp: 4339817

Ion	Ratio	Lower	Upper
57	100		
41	35.0	26.2	39.4
56	30.6	24.7	37.1





#45

t-1,3-Dichloropropene

Concen: 9.777 ppbv

RT: 9.28 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

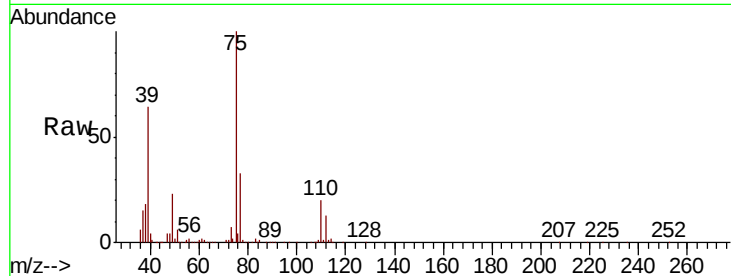
Acq: 27 Jun 2022 15:56 VL0627ABS01

Tot Ion: 75 Resp: 1033868

Ion Ratio Lower Upper

75 100

77 32.8 24.4 36.6



Abundance Ion 75.10 (74.80 to 75.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

9.28

500000

400000

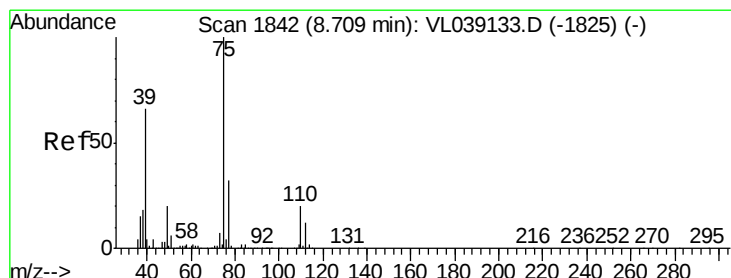
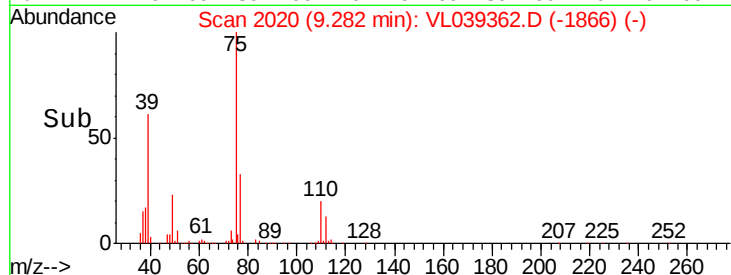
300000

200000

100000

0

Time-->



#46

cis-1,3-Dichloropropene

Concen: 9.554 ppbv

RT: 8.71 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VL039362.D

Acq: 27 Jun 2022 15:56

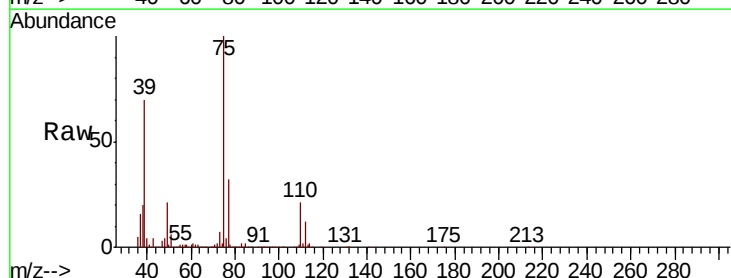
Tgt Ion: 75 Resp: 1334578

Ion Ratio Lower Upper

75 100

39 69.8 52.4 78.6

77 31.9 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

8.71

800000

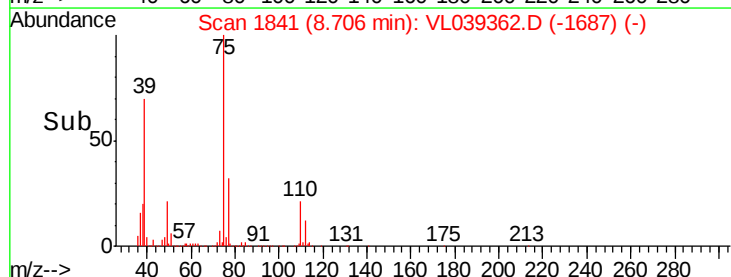
600000

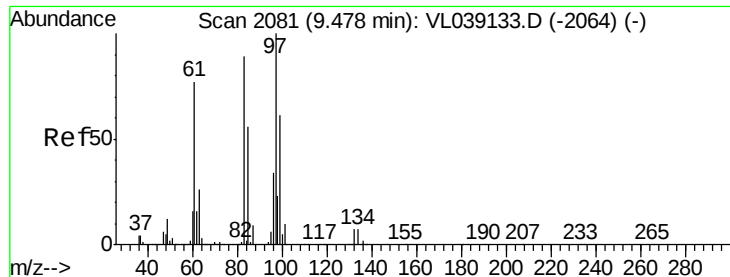
400000

200000

0

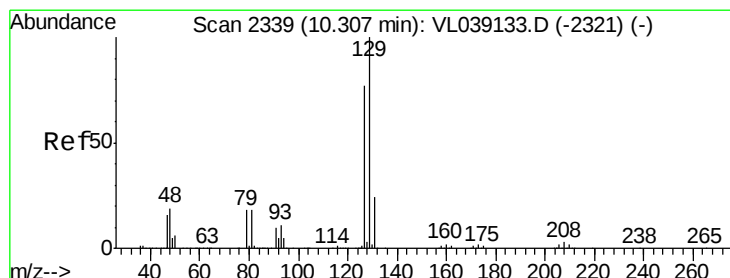
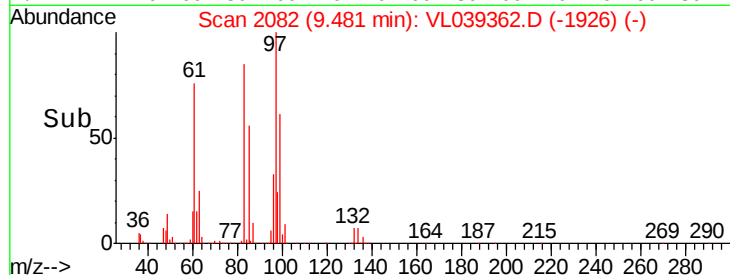
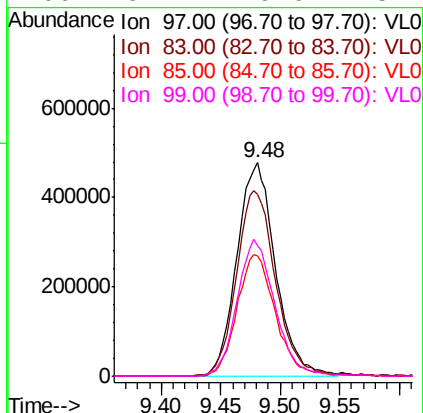
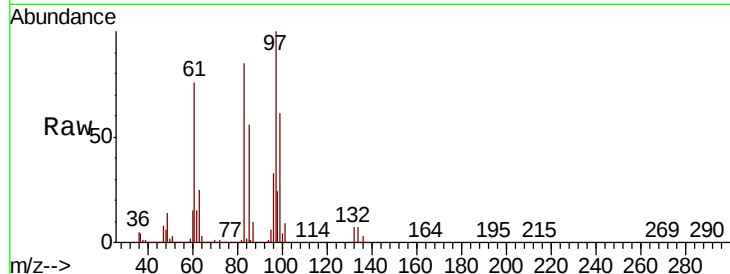
Time-->





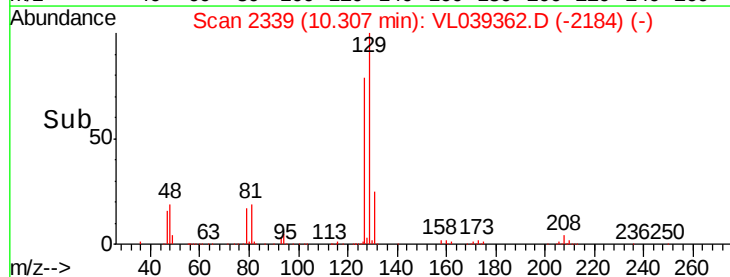
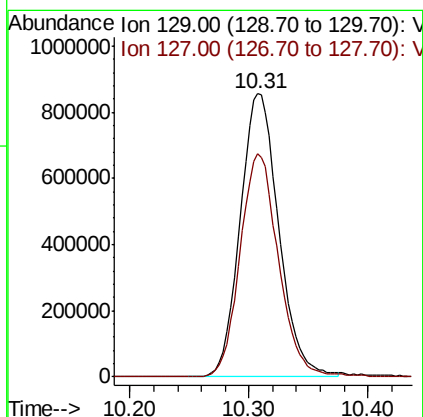
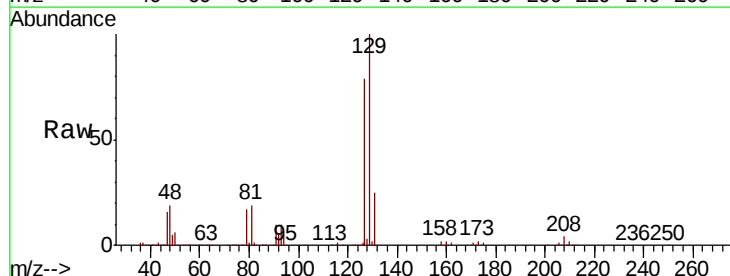
#47
 1,1,2-Trichloroethane
 Concen: 9.923 ppbv
 RT: 9.48
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0627ABS01
 Acq: 27 Jun 2022 15:58

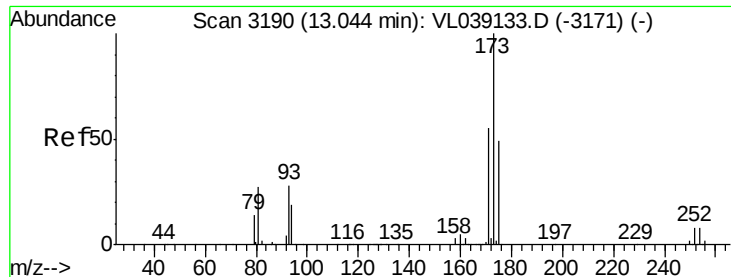
Tot Ion:	97	Resp:	1073301
Ion	Ratio	Lower	Upper
97	100		
83	84.8	71.6	107.4
85	56.3	44.8	67.2
99	61.4	49.0	73.4



#48
 Dibromochloromethane
 Concen: 9.932 ppbv
 RT: 10.31 min Scan# 2339
 Delta R.T.: -0.00 min
 Lab File: VL039362.D
 Acq: 27 Jun 2022 15:56

Tgt Ion:	129	Resp:	1918136
Ion	Ratio	Lower	Upper
129	100		
127	79.0	40.0	119.9





#49

Bromoform

Concen: 9.831 ppbv

RT: 13.04

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Jun 2022 15:58

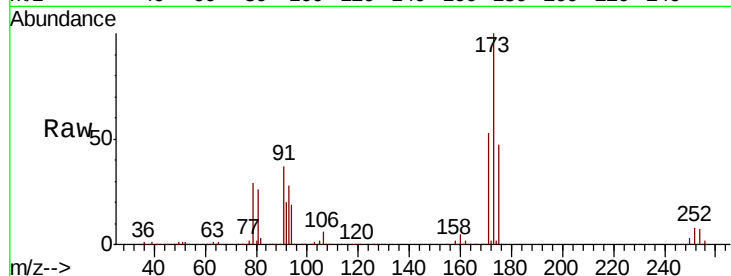
Tot Ion:173 Resp: 1582408

Ion Ratio Lower Upper

173 100

175 50.5 40.2 60.2

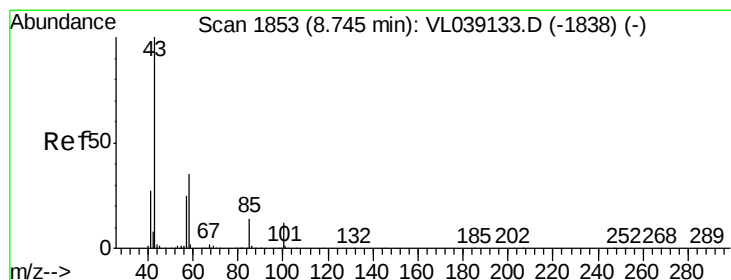
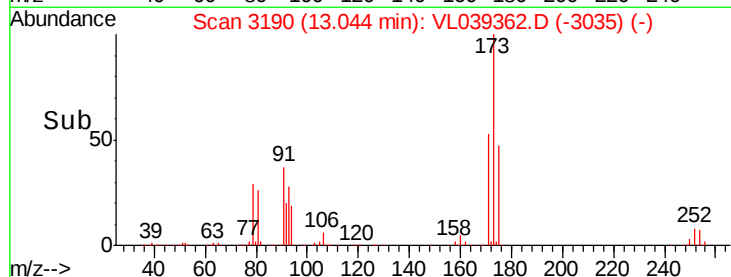
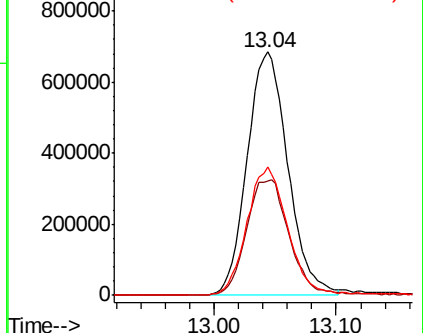
171 53.5 43.9 65.9



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: 10.089 ppbv

RT: 8.74 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VL039362.D

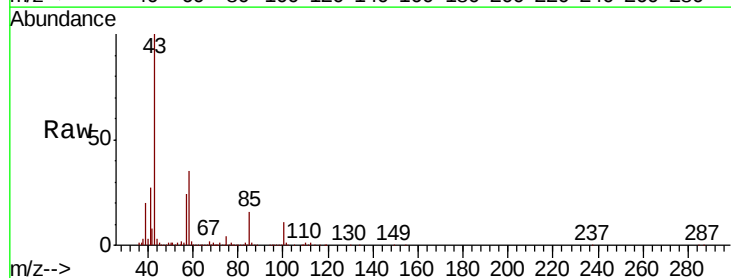
Acq: 27 Jun 2022 15:56

Tgt Ion: 43 Resp: 2634277

Ion Ratio Lower Upper

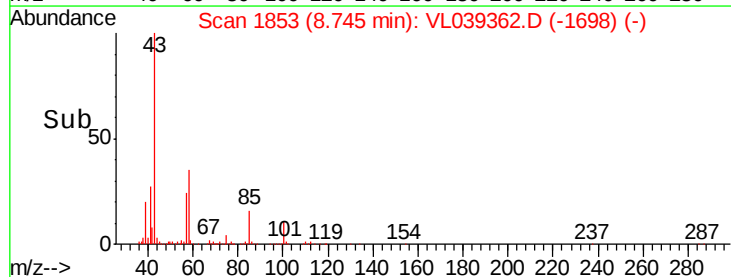
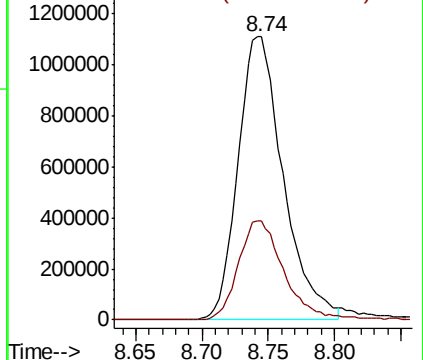
43 100

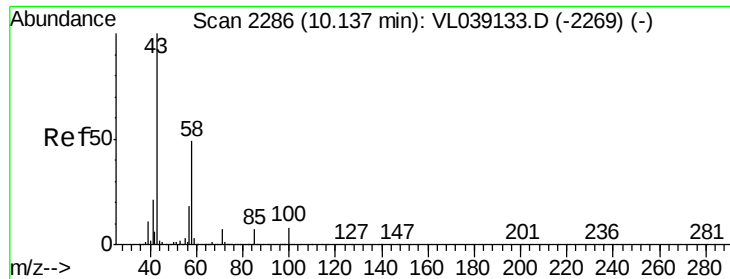
58 35.6 28.7 43.1



Abundance Ion 43.10 (42.80 to 43.80): VL0

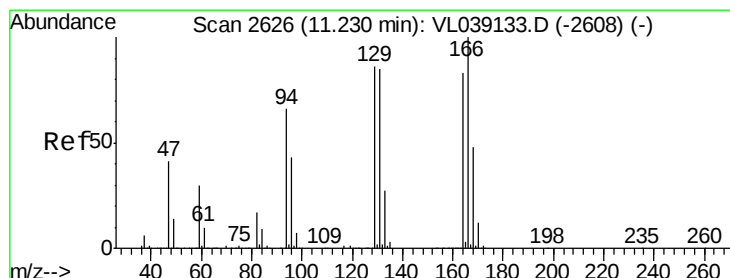
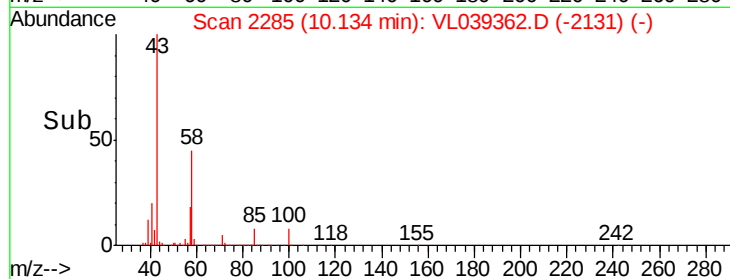
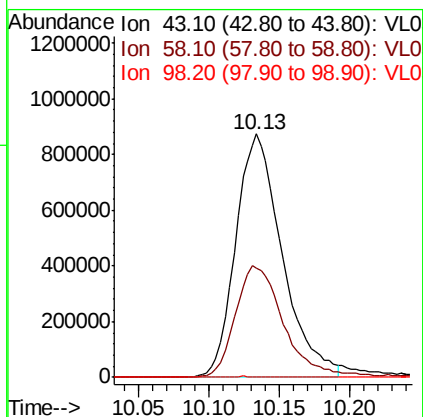
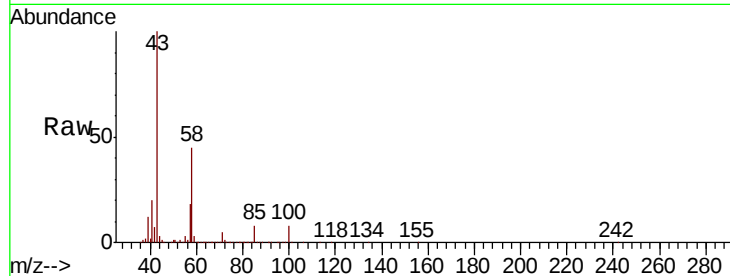
Ion 58.10 (57.80 to 58.80): VL0





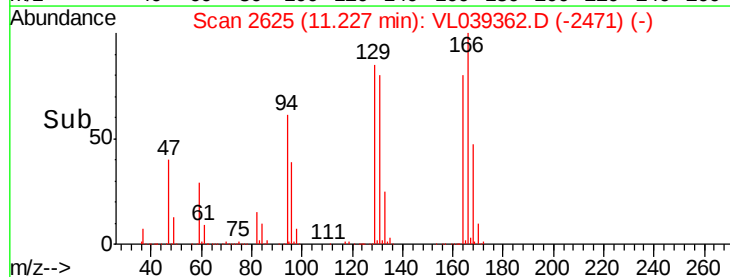
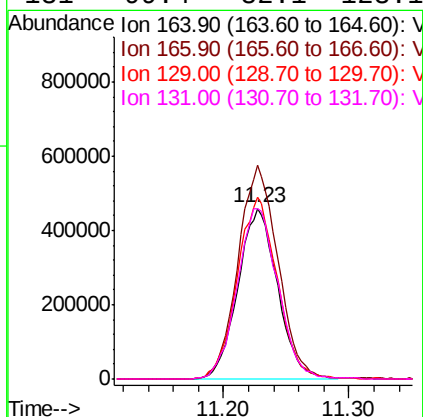
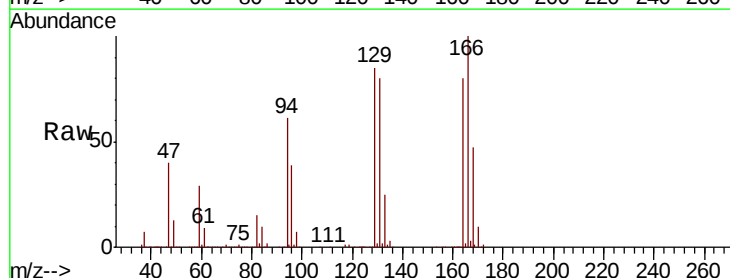
#51
2-Hexanone
Concen: 9.869 ppbv
RT: 10.13 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0627ABS01
Acq: 27 Jun 2022 15:56

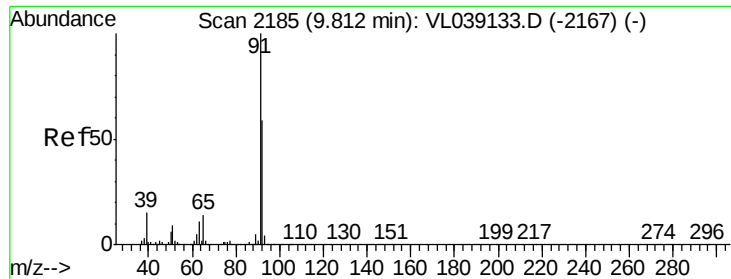
Tot Ion: 43 Resp: 2005126
Ion Ratio Lower Upper
43 100
58 48.9 40.0 60.0
98 0.4 0.1 0.1#



#52
Tetrachloroethene
Concen: 9.859 ppbv
RT: 11.23 min Scan# 2625
Delta R.T. -0.00 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

Tgt Ion:164 Resp: 1003357
Ion Ratio Lower Upper
164 100
166 125.3 96.3 144.5
129 106.6 82.5 123.7
131 99.4 82.1 123.1





#53

Toluene

Concen: 10.284 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

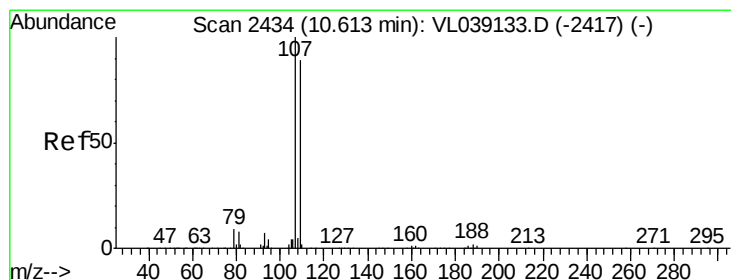
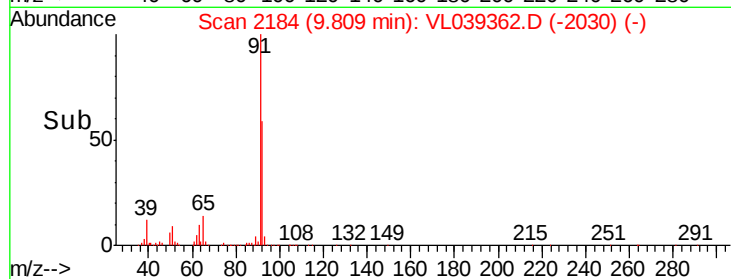
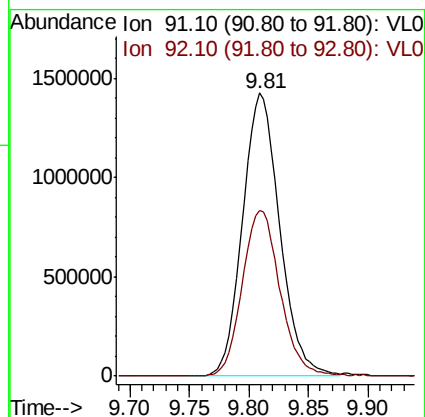
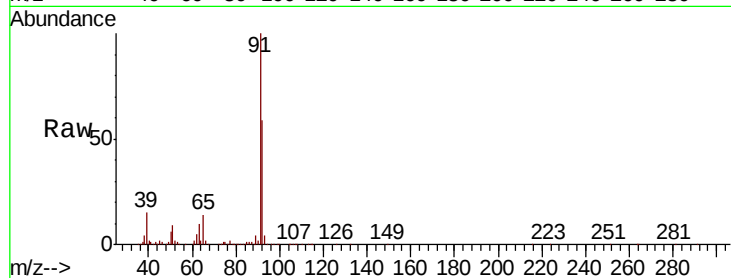
Acq: 27 Jun 2022 15:56 VL0627ABS01

Tot Ion: 91 Resp: 3086647

Ion Ratio Lower Upper

91 100

92 60.0 48.1 72.1



#54

1,2-Dibromoethane

Concen: 9.927 ppbv

RT: 10.61 min Scan# 2434

Delta R.T. -0.00 min

Lab File: VL039362.D

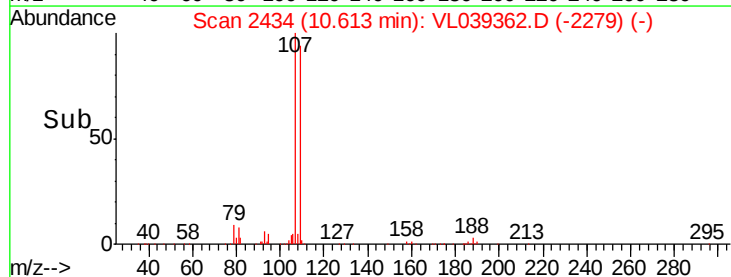
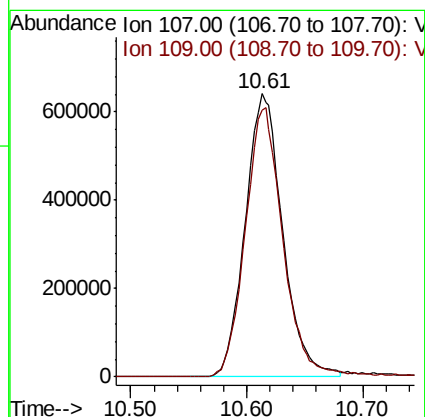
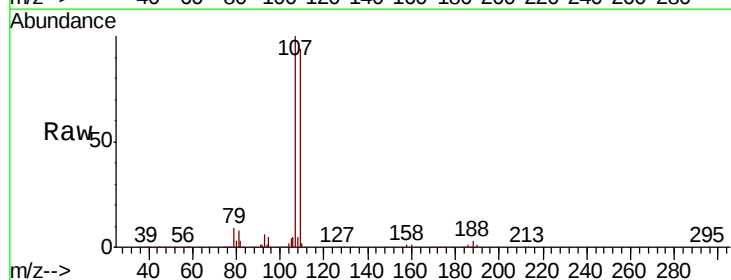
Acq: 27 Jun 2022 15:56

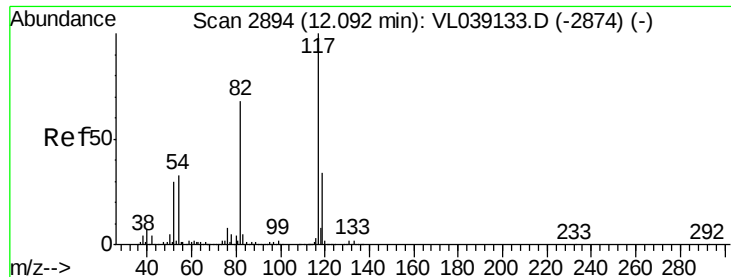
Tgt Ion: 107 Resp: 1442893

Ion Ratio Lower Upper

107 100

109 94.1 71.4 107.0

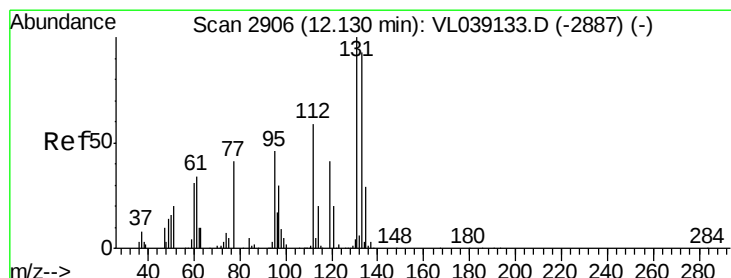
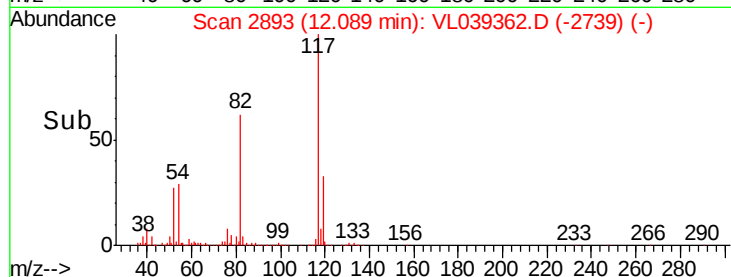
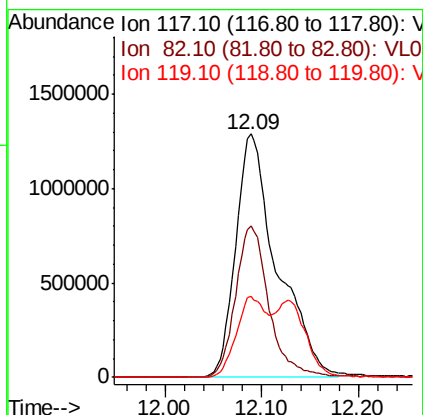
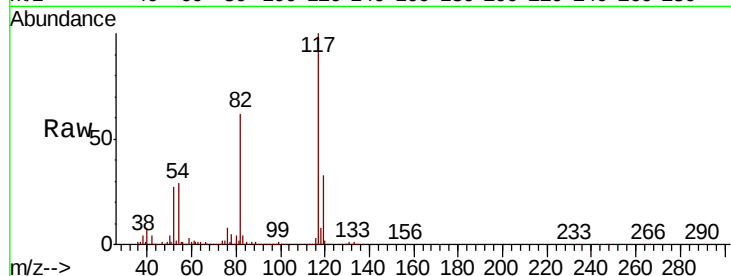




#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0627ABS01
 Acq: 27 Jun 2022 15:56

Tot Ion:117 Resp: 3835620

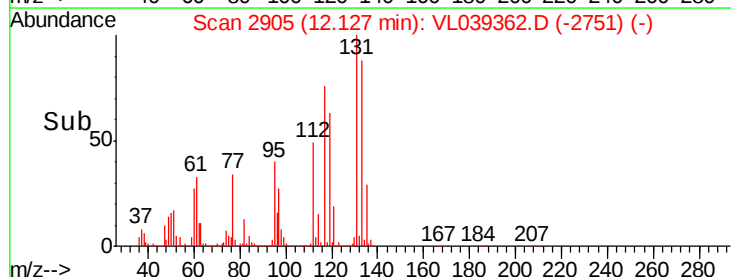
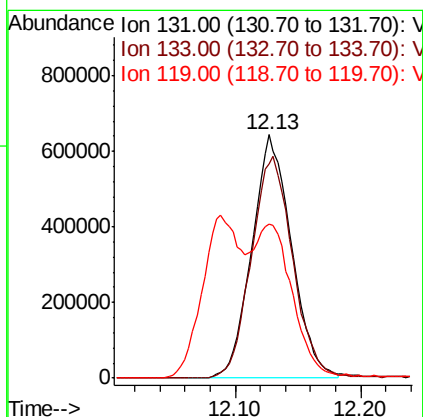
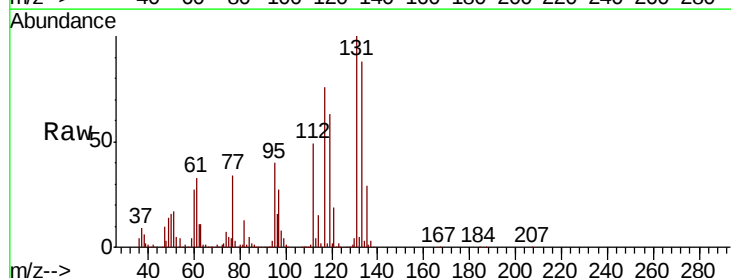
Ion	Ratio	Lower	Upper
117	100		
82	50.8	55.1	82.7#
119	23.9	24.7	37.1#

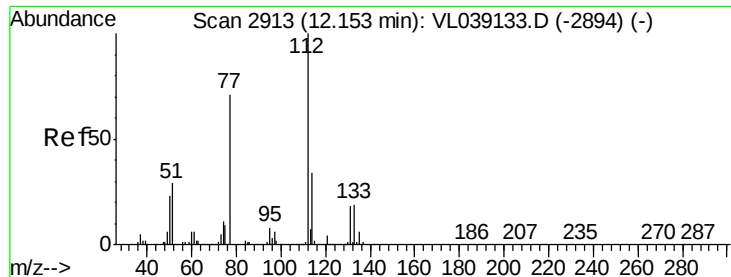


#56
 1,1,1,2-Tetrachloroethane
 Concen: 7.800 ppbv
 RT: 12.13 min Scan# 2905
 Delta R.T.: -0.00 min
 Lab File: VL039362.D
 Acq: 27 Jun 2022 15:56

Tgt Ion:131 Resp: 1415704

Ion	Ratio	Lower	Upper
131	100		
133	95.4	78.6	117.8
119	60.6	51.7	77.5





#57

Chlorobenzene

Concen: 8.218 ppbv

RT: 12.15

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Jun 2022 15:56

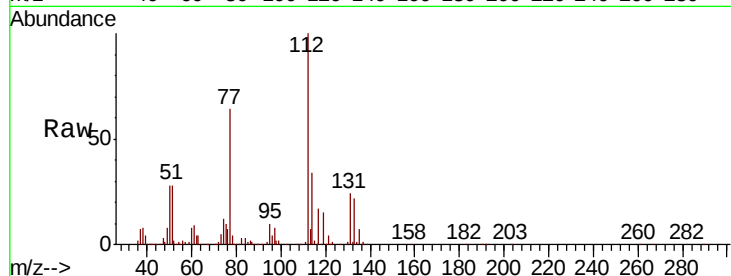
Tot Ion: 112 Resp: 2371780

Ion Ratio Lower Upper

112 100

77 62.9 56.5 84.7

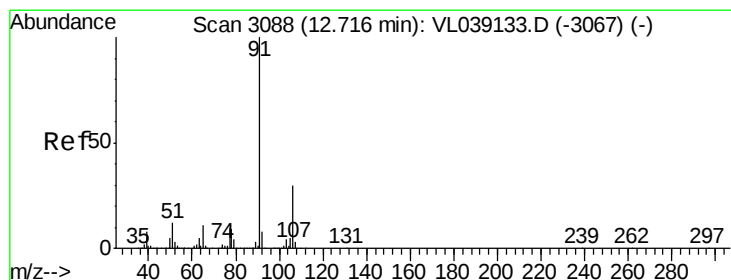
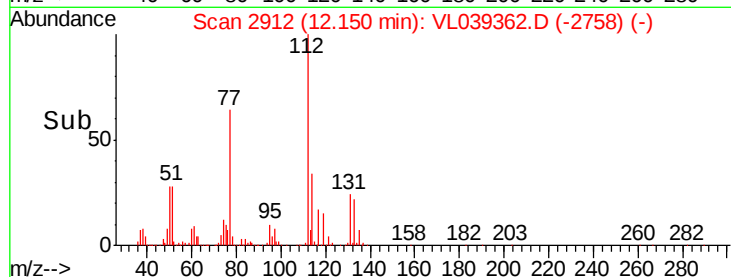
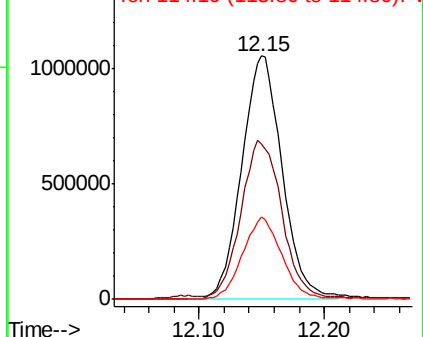
114 33.7 30.3 37.1



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: 7.979 ppbv

RT: 12.71 min Scan# 3087

Delta R.T. -0.00 min

Lab File: VL039362.D

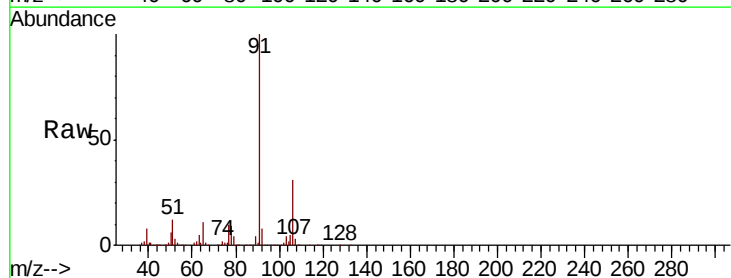
Acq: 27 Jun 2022 15:56

Tgt Ion: 91 Resp: 4215474

Ion Ratio Lower Upper

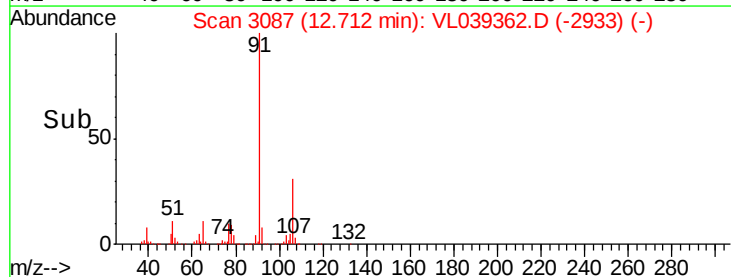
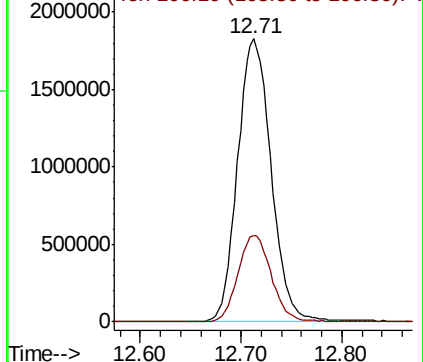
91 100

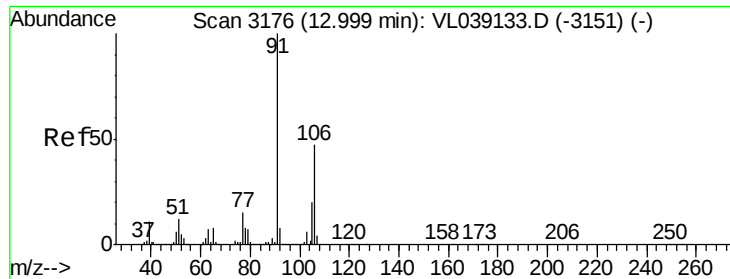
106 30.6 24.2 36.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

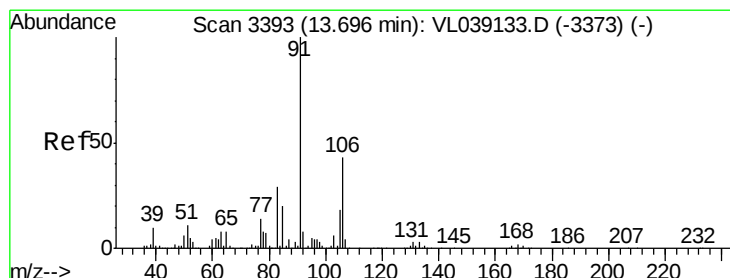
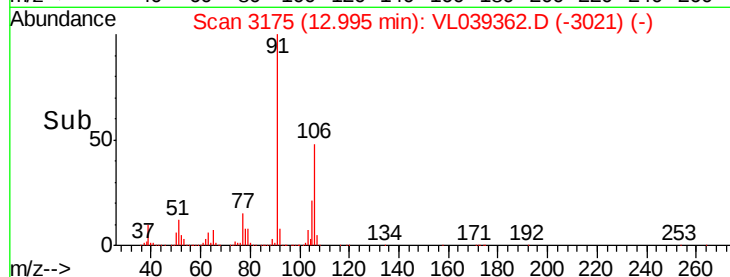
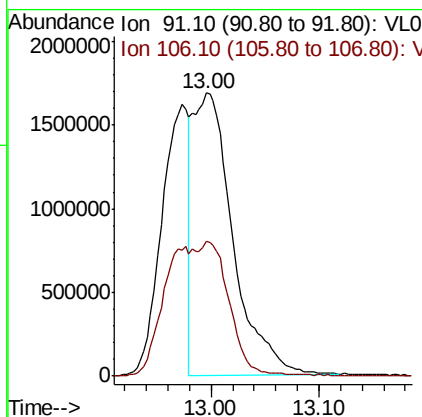
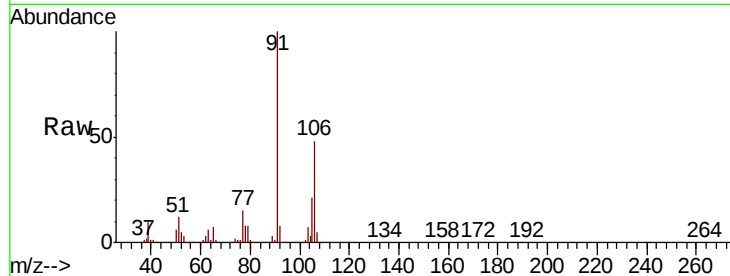
Ion 106.10 (105.80 to 106.80): V





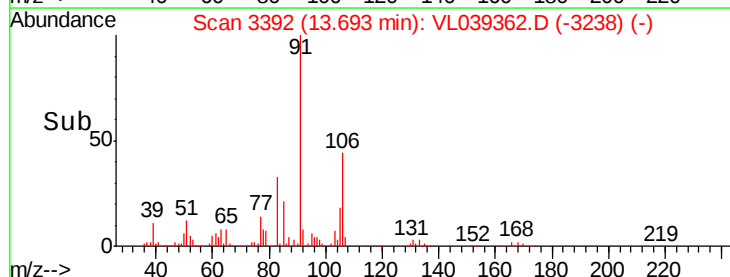
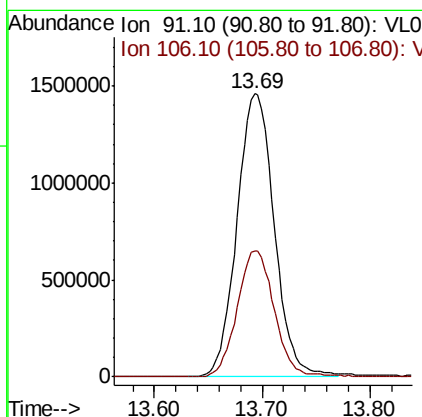
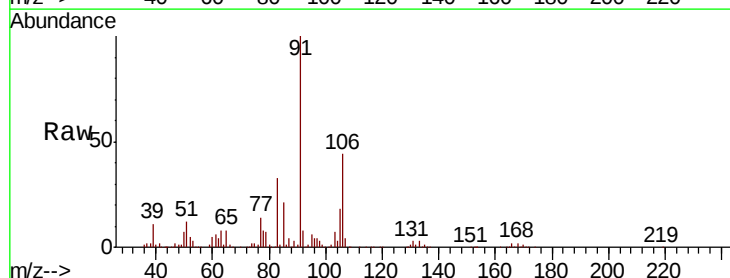
#59
m/p-Xylene
Concen: 9.236 ppbv
RT: 13.00
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0627ABS01
Acq: 27 Jun 2022 15:58

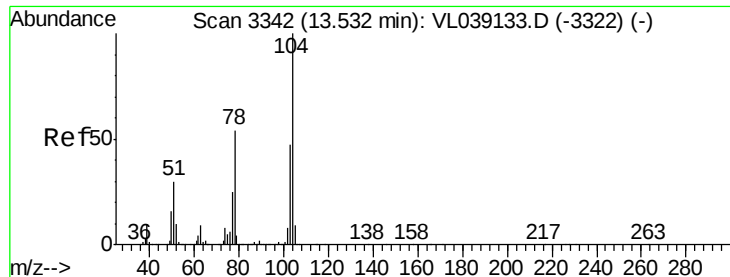
Tot Ion: 91 Resp: 4297021
Ion Ratio Lower Upper
91 100
106 75.1 34.3 51.5#



#60
o-Xylene
Concen: 8.018 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. -0.00 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

Tgt Ion: 91 Resp: 3505395
Ion Ratio Lower Upper
91 100
106 44.8 22.3 66.9

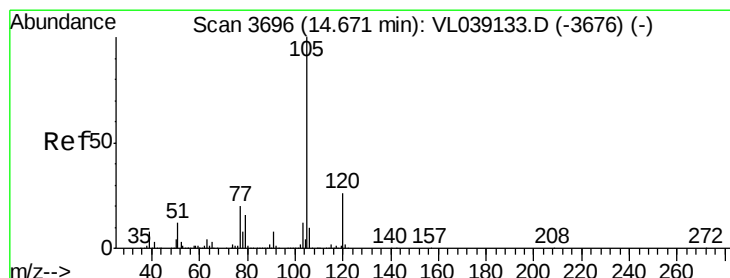
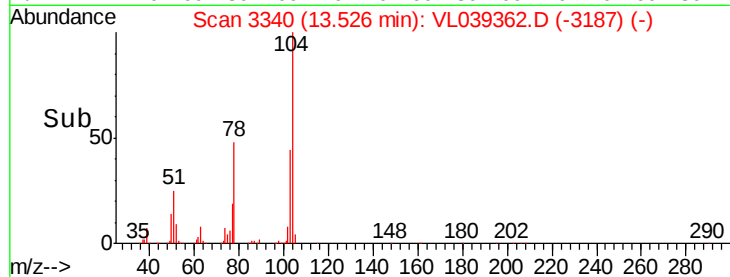
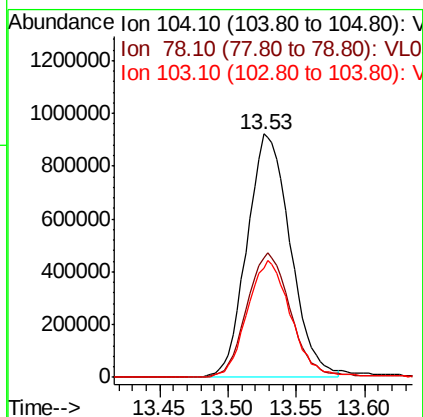
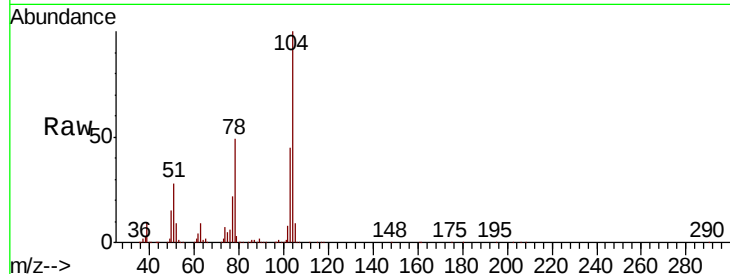




#61
Stvrene
Concen: 8.689 ppbv
RT: 13.53 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0627ABS01
Acq: 27 Jun 2022 15:56

Tot Ion:104 Resp: 2034136

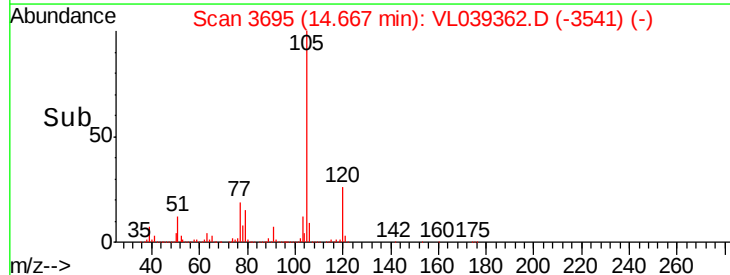
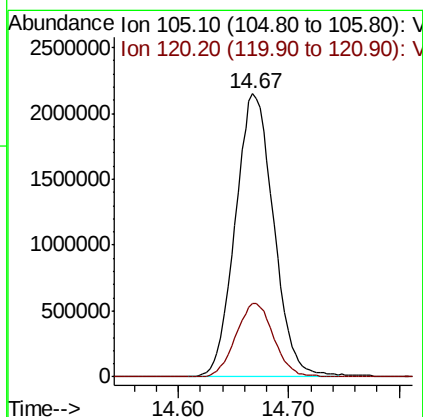
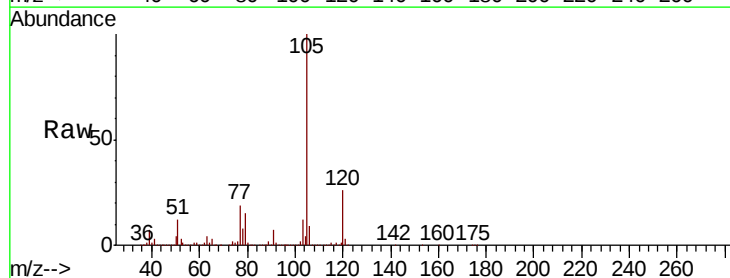
Ion	Ratio	Lower	Upper
104	100		
78	52.4	45.7	68.5
103	48.9	39.6	59.4

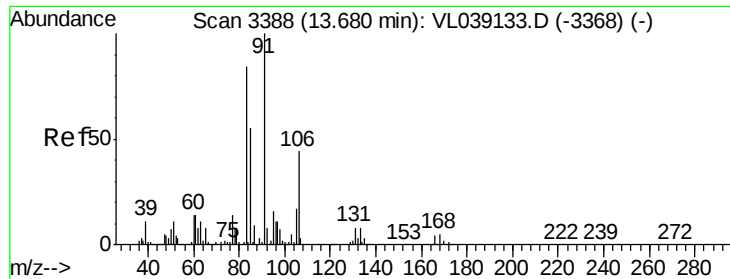


#62
Isopropylbenzene
Concen: 7.947 ppbv
RT: 14.67 min Scan# 3695
Delta R.T.: -0.00 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

Tgt Ion:105 Resp: 5164154

Ion	Ratio	Lower	Upper
105	100		
120	26.0	20.3	30.5

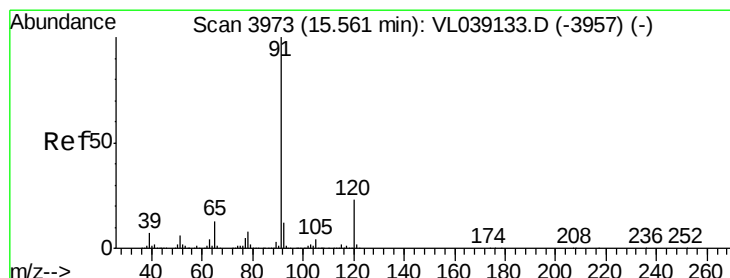
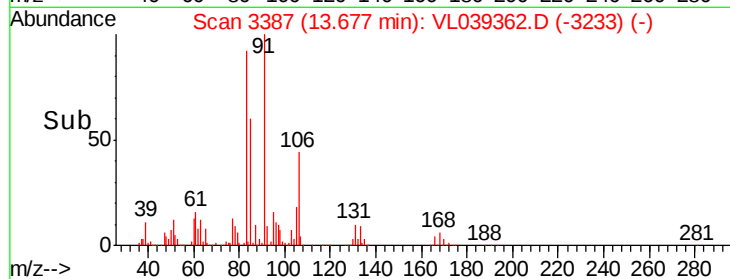
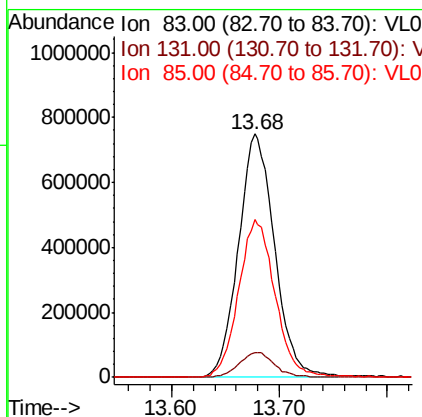
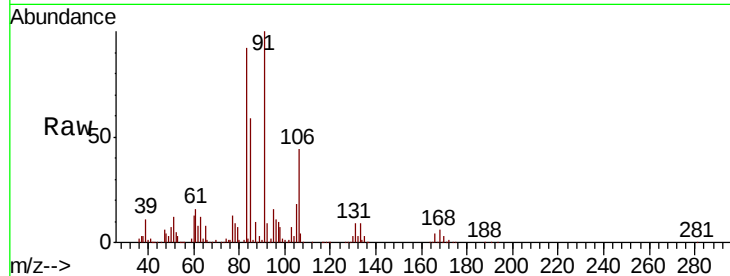




#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.104 ppbv
 RT: 13.68 min
 Delta R.T.: 0.00 min
 Lab File: VL0627ABS01
 Acq: 27 Jun 2022 15:56

Tot Ion: 83 Resp: 1743191

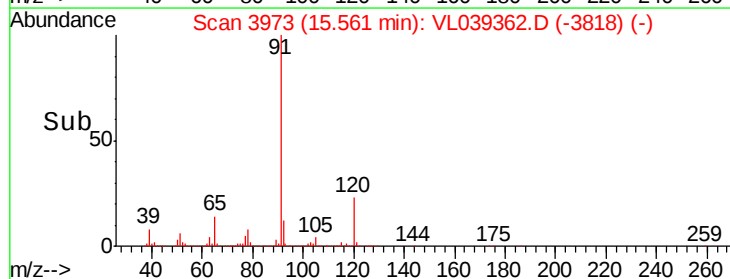
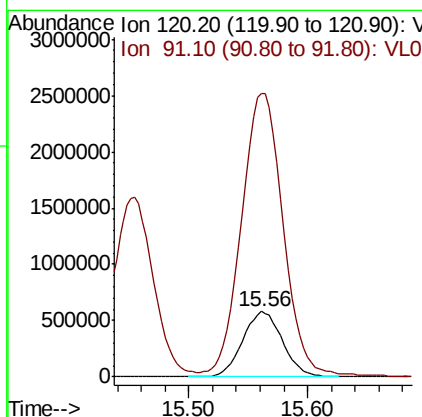
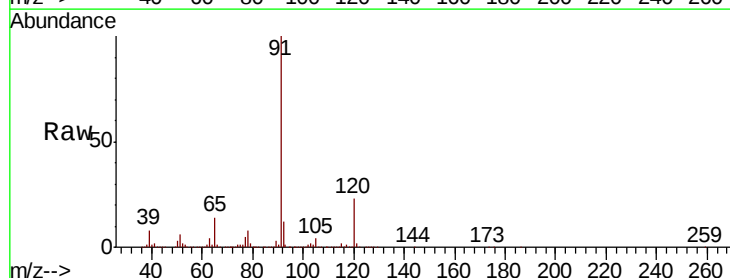
Ion	Ratio	Lower	Upper
83	100		
131	10.3	4.8	14.3
85	66.0	33.0	99.0

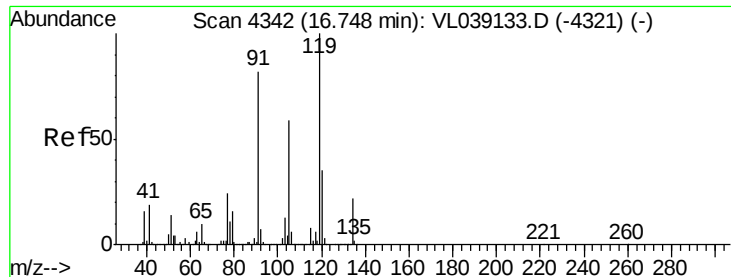


#64
 n-propylbenzene
 Concen: 8.447 ppbv
 RT: 15.56 min Scan# 3973
 Delta R.T.: -0.00 min
 Lab File: VL039362.D
 Acq: 27 Jun 2022 15:56

Tgt Ion: 120 Resp: 1349281

Ion	Ratio	Lower	Upper
120	100		
91	455.1	388.4	582.6

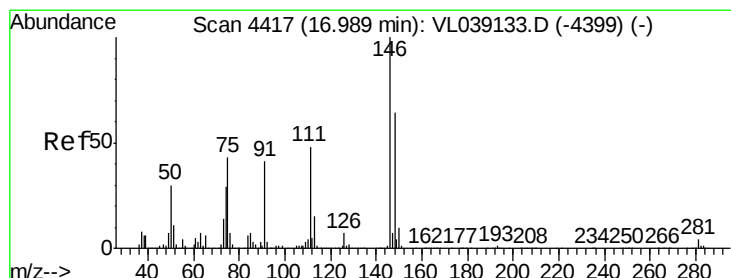
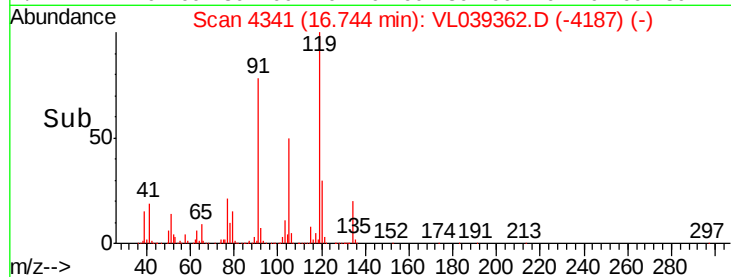
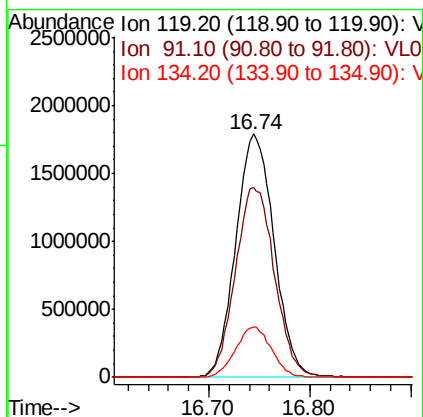
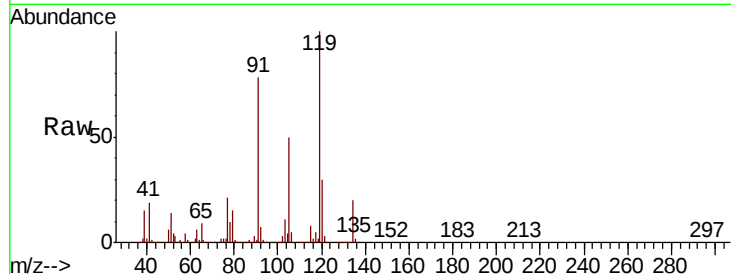




#65
tert-Butylbenzene
Concen: 7.935 ppbv
RT: 16.74 min
Delta R.T. 0.00 min
Lab File: VL0627ABS01
Acq: 27 Jun 2022 15:56

Tot Ion: 119 Resp: 4714638

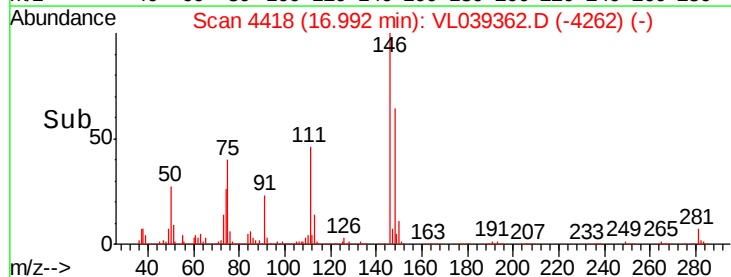
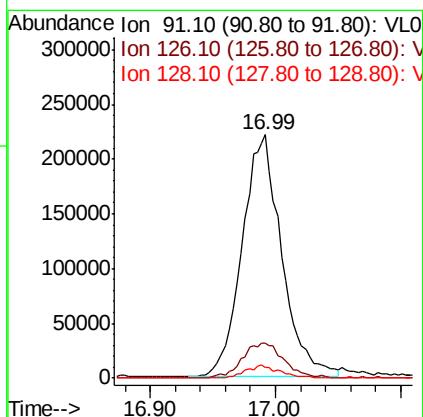
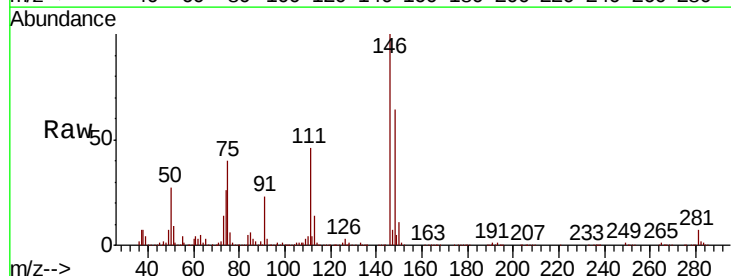
Ion	Ratio	Lower	Upper
119	100		
91	79.9	67.1	100.7
134	19.6	15.8	23.8

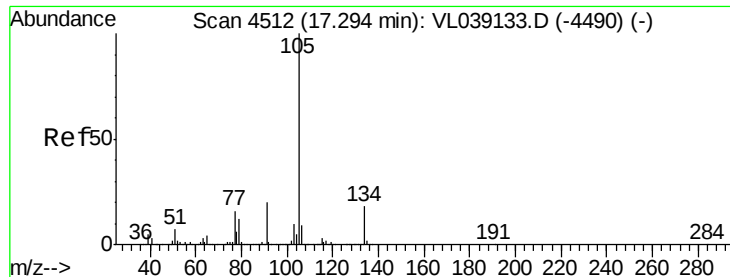


#66
Benzyl Chloride
Concen: 6.235 ppbv
RT: 16.99 min Scan# 4418
Delta R.T. 0.00 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

Tgt Ion: 91 Resp: 481723

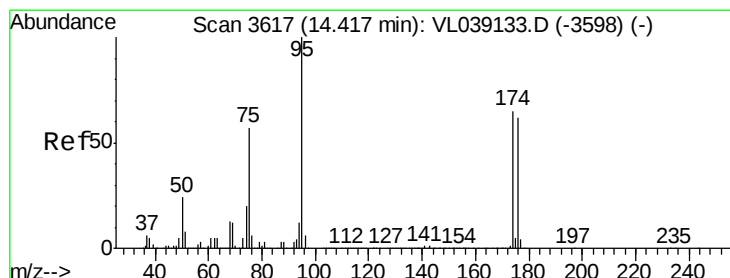
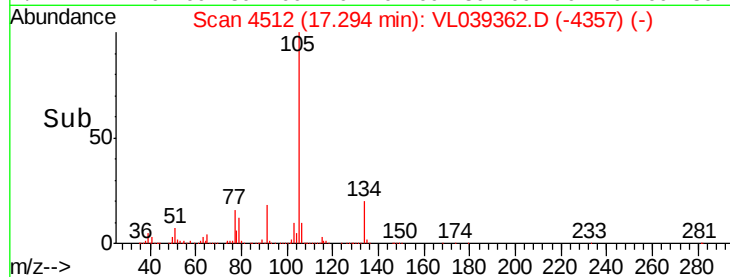
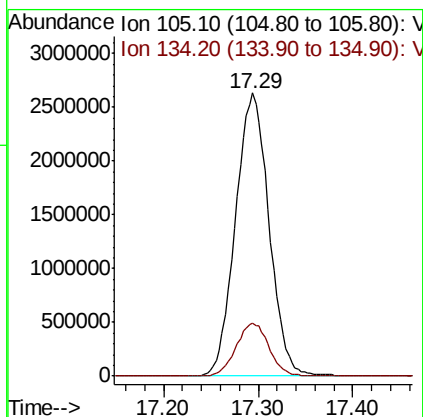
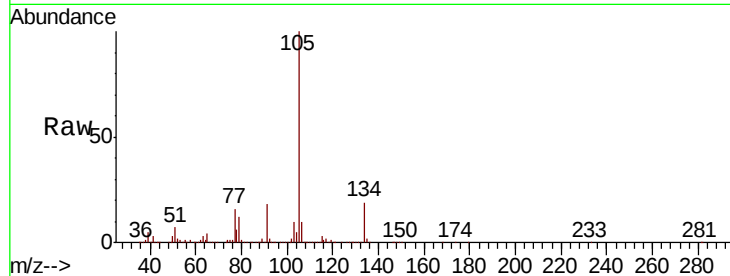
Ion	Ratio	Lower	Upper
91	100		
126	15.7	13.4	20.0
128	5.0	4.1	6.1





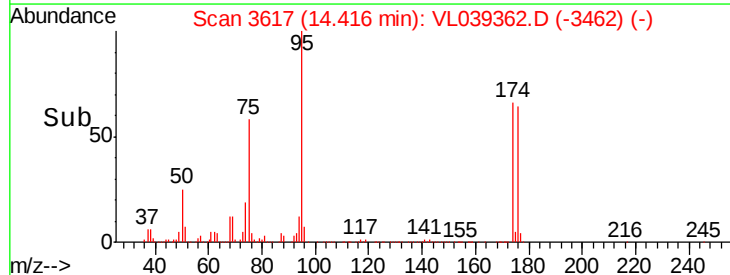
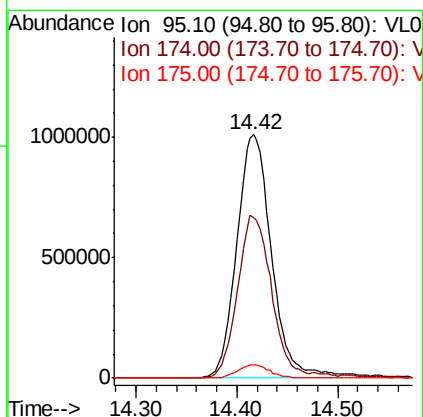
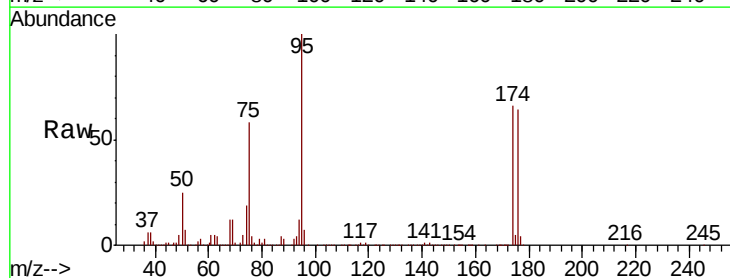
#67
 sec-Butylbenzene
 Concen: 7.994 ppbv
 RT: 17.29 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0627ABS01
 Acq: 27 Jun 2022 15:56

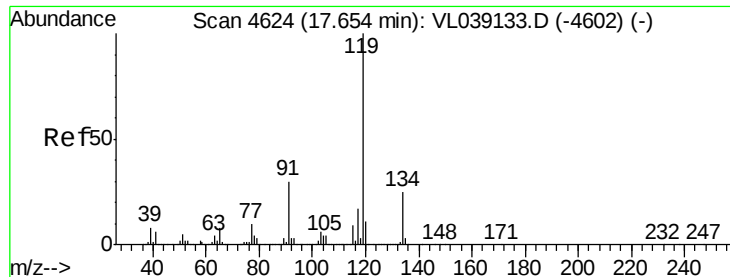
Tot Ion: 105 Resp: 6481357
 Ion Ratio Lower Upper
 105 100
 134 18.4 14.4 21.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 7.595 ppbv
 RT: 14.42 min Scan# 3617
 Delta R.T.: -0.00 min
 Lab File: VL039362.D
 Acq: 27 Jun 2022 15:56

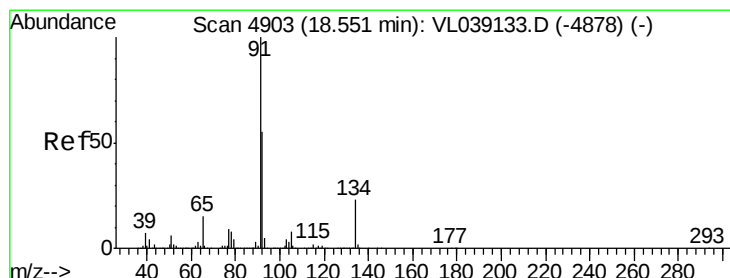
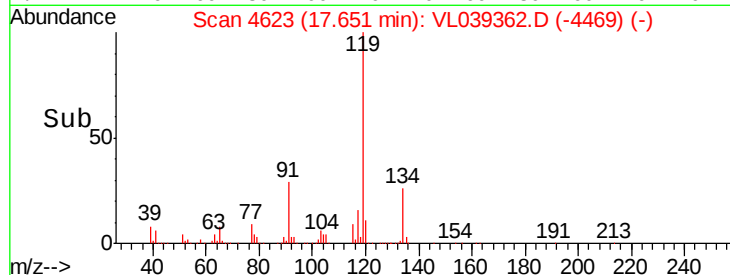
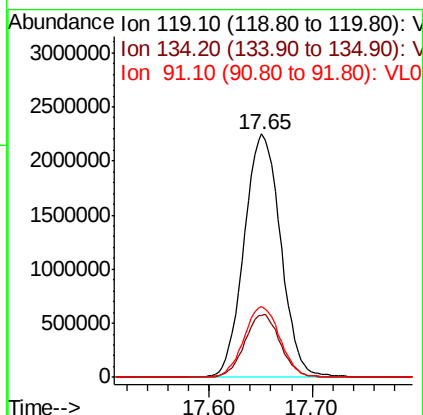
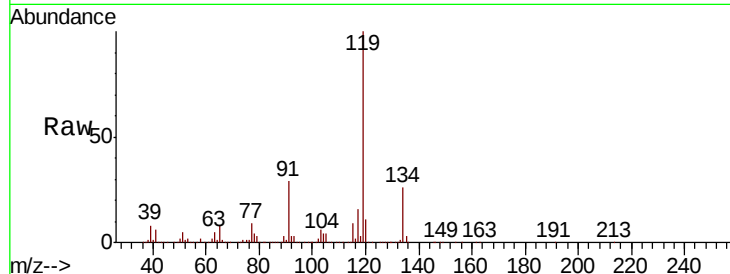
Tgt Ion: 95 Resp: 2408443
 Ion Ratio Lower Upper
 95 100
 174 67.9 53.8 80.8
 175 5.2 4.1 6.1





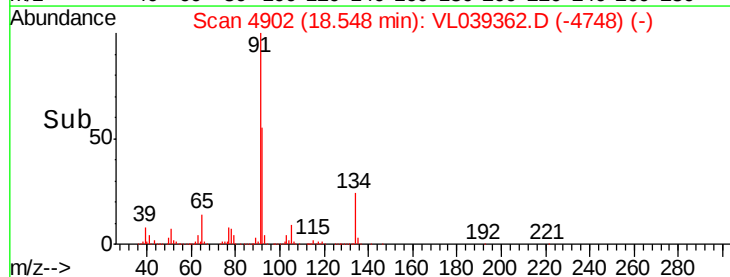
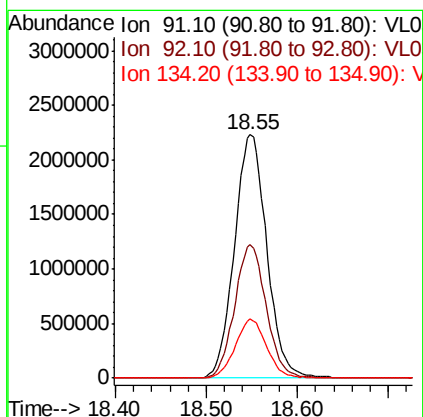
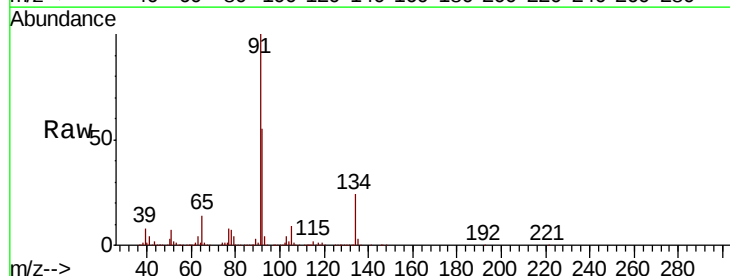
#69
 p-Isopropyltoluene
 Concen: 8.088 ppbv
 RT: 17.65 min
 Delta R.T.: 0.00 min
 Lab File: VL0627ABS01
 Acq: 27 Jun 2022 15:56

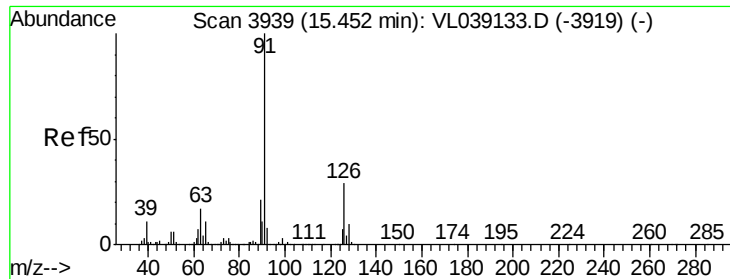
Tot Ion:	119	Resp:	5532174
Ion	Ratio	Lower	Upper
119	100		
134	25.3	20.4	30.6
91	28.8	24.2	36.4



#70
 n-Butylbenzene
 Concen: 7.823 ppbv
 RT: 18.55 min Scan# 4902
 Delta R.T.: -0.00 min
 Lab File: VL039362.D
 Acq: 27 Jun 2022 15:56

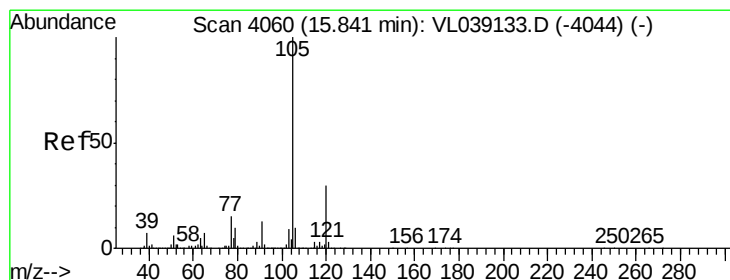
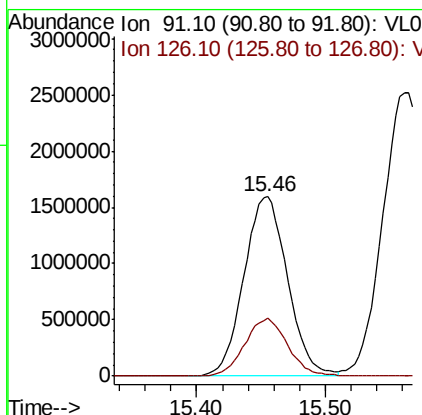
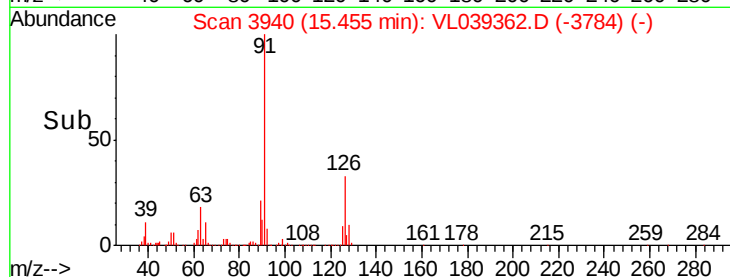
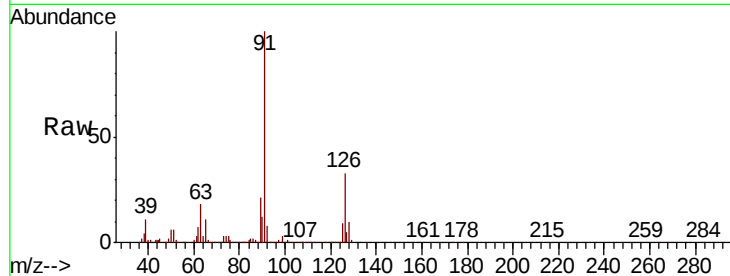
Tgt Ion:	91	Resp:	5492194
Ion	Ratio	Lower	Upper
91	100		
92	53.9	43.6	65.4
134	23.6	17.7	26.5





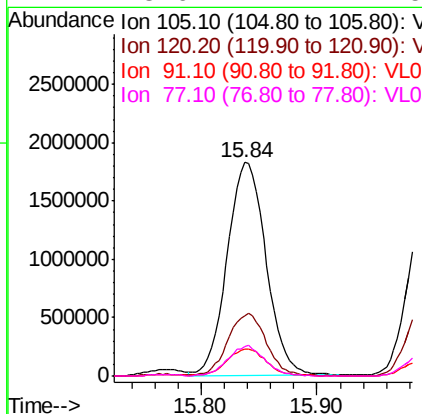
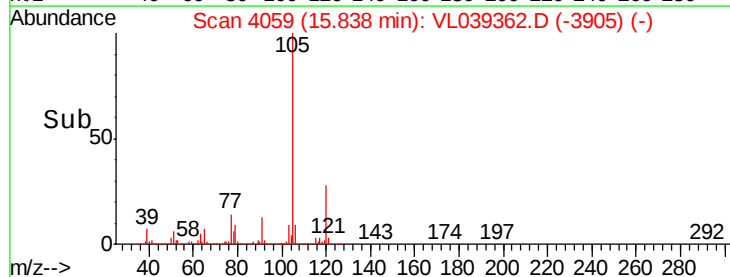
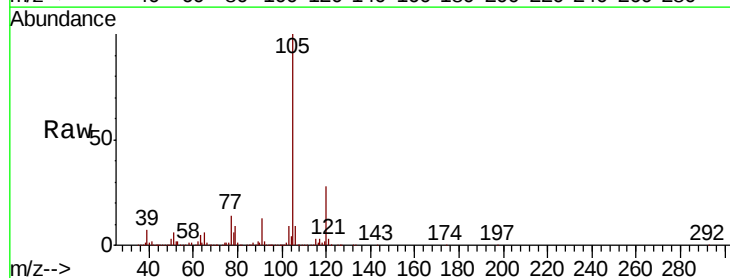
#71
 2-Chlorotoluene
 Concen: 7.602 ppbv
 RT: 15.46
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0627ABS01
 Acq: 27 Jun 2022 15:50

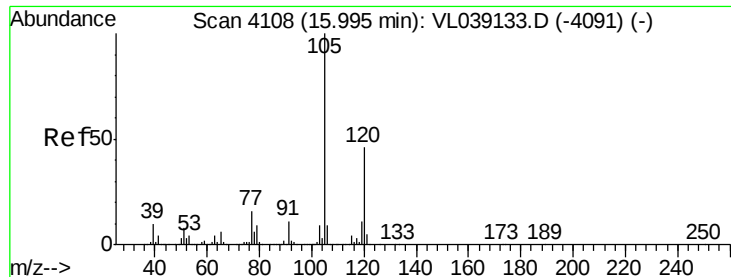
Tot Ion: 91 Resp: 3767040
 Ion Ratio Lower Upper
 91 100
 126 32.2 12.2 48.6



#72
 4-Ethyltoluene
 Concen: 8.296 ppbv
 RT: 15.84 min Scan# 4059
 Delta R.T. -0.00 min
 Lab File: VL039362.D
 Acq: 27 Jun 2022 15:56

Tgt Ion:105 Resp: 4250725
 Ion Ratio Lower Upper
 105 100
 120 29.3 23.9 35.9
 91 12.7 10.6 16.0
 77 13.6 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 8.325 ppbv

RT: 16.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

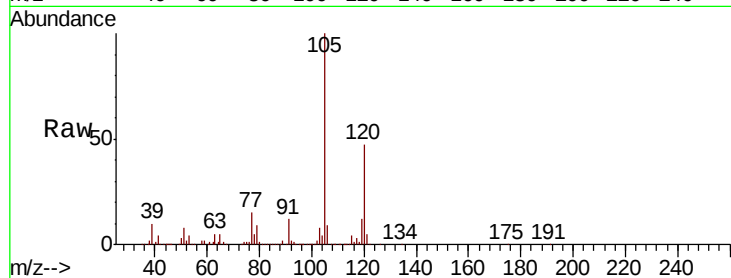
Acq: 27 Jun 2022 15:56

Tot Ion:105 Resp: 3847585

Ion Ratio Lower Upper

105 100

120 46.8 36.7 55.1



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

16.00

1500000

1000000

500000

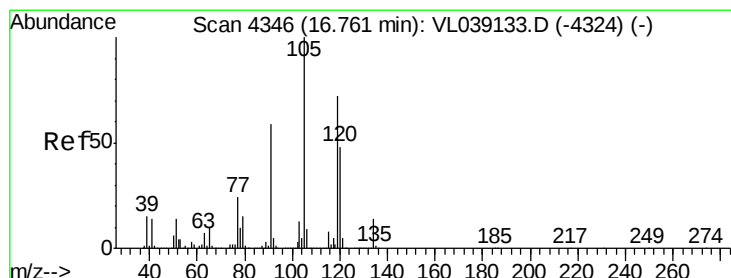
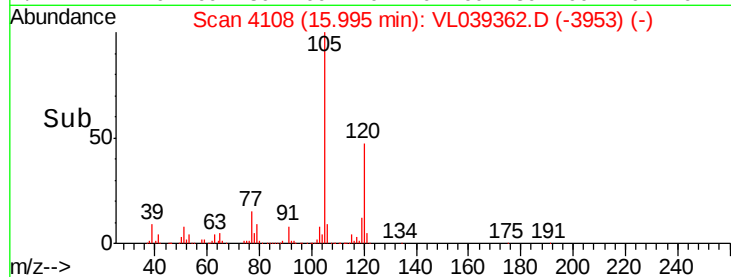
0

Time-->

15.90

16.00

16.10



#74

1,2,4-Trimethylbenzene

Concen: 8.035 ppbv

RT: 16.76 min Scan# 4347

Delta R.T. 0.00 min

Lab File: VL039362.D

Acq: 27 Jun 2022 15:56

Tgt Ion:105 Resp: 4143711

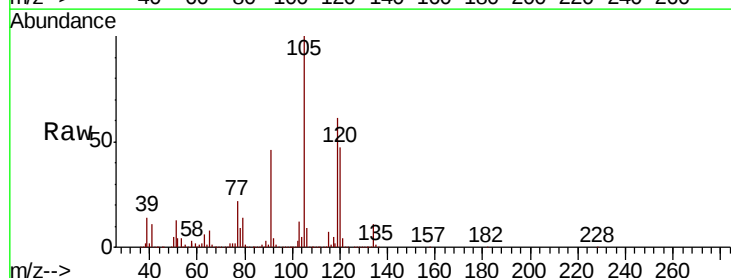
Ion Ratio Lower Upper

105 100

120 47.2 38.1 57.1

91 45.5 47.4 71.0#

77 21.5 19.5 29.3



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

2500000

2000000

1500000

1000000

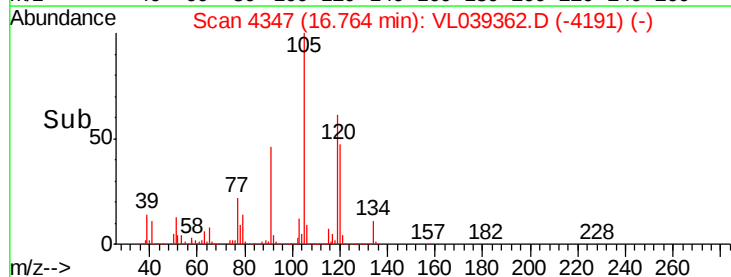
500000

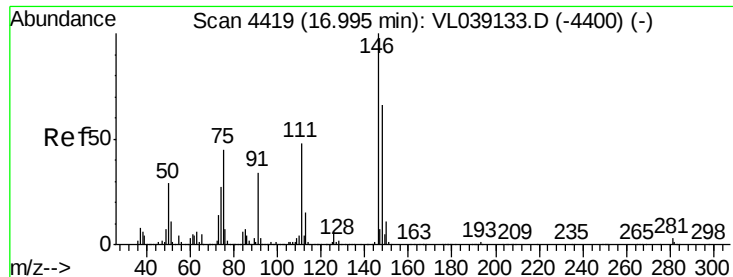
0

Time-->

16.70

16.80





#75

1,3-Dichlorobenzene

Concen: 8.131 ppbv

RT: 17.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Jun 2022 15:56

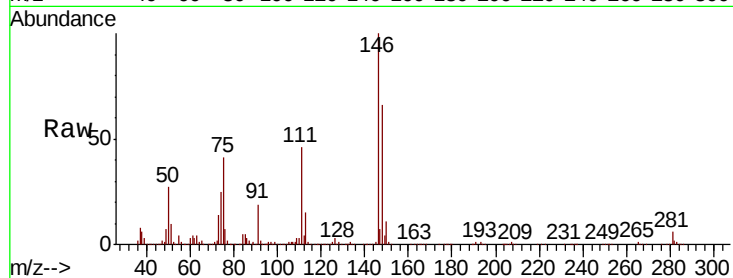
Tot Ion:146 Resp: 2373583

Ion Ratio Lower Upper

146 100

111 46.7 23.8 71.4

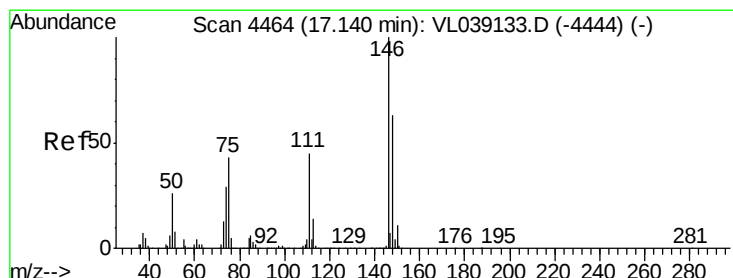
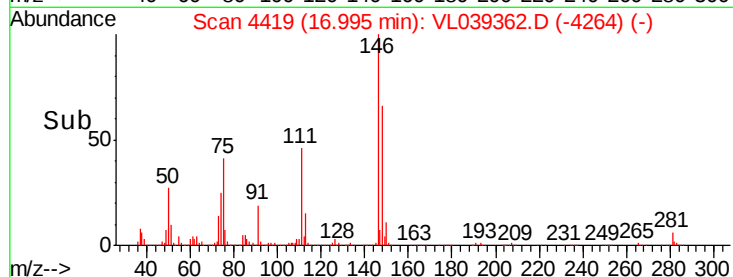
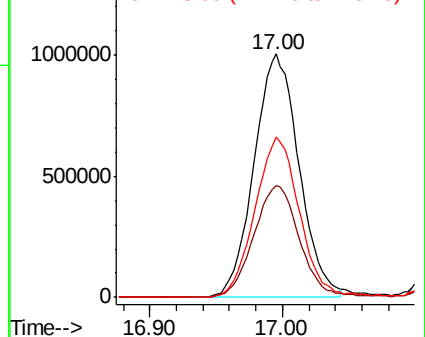
148 65.4 32.4 97.0



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: 8.024 ppbv

RT: 17.14 min Scan# 4463

Delta R.T. -0.00 min

Lab File: VL039362.D

Acq: 27 Jun 2022 15:56

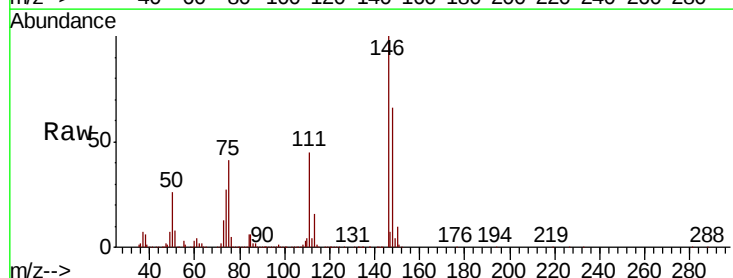
Tgt Ion:146 Resp: 2337135

Ion Ratio Lower Upper

146 100

111 45.8 23.6 71.0

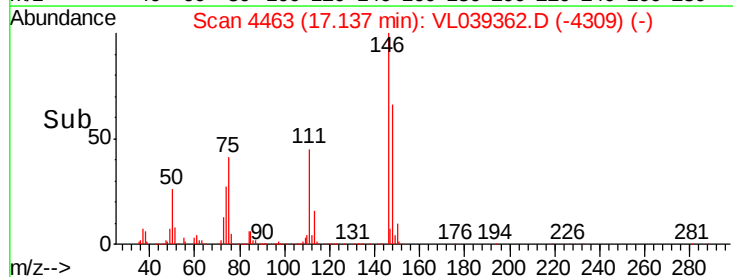
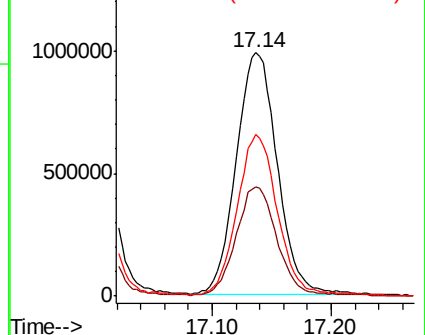
148 66.6 33.7 101.0

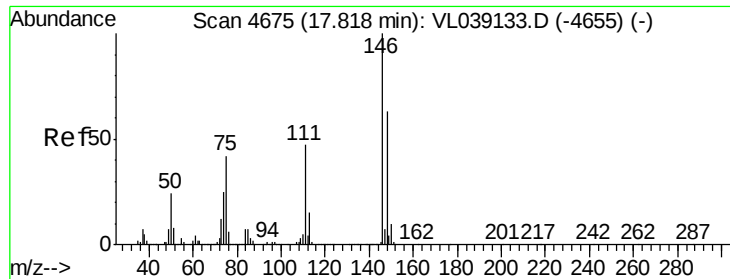


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

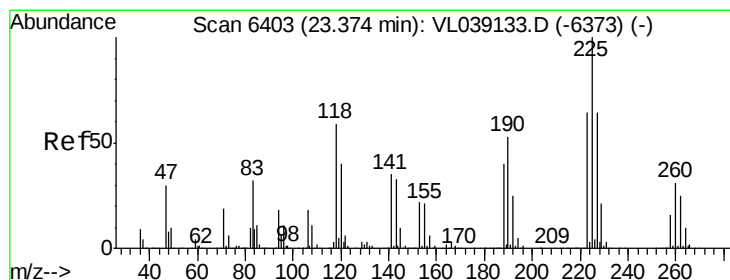
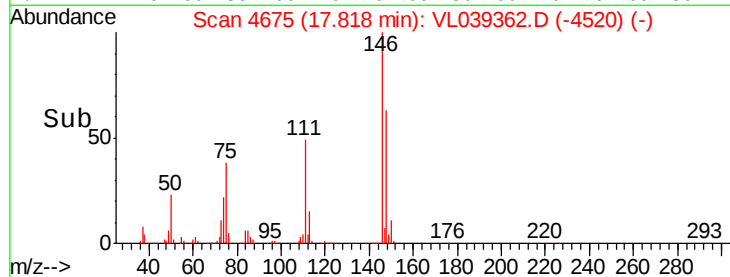
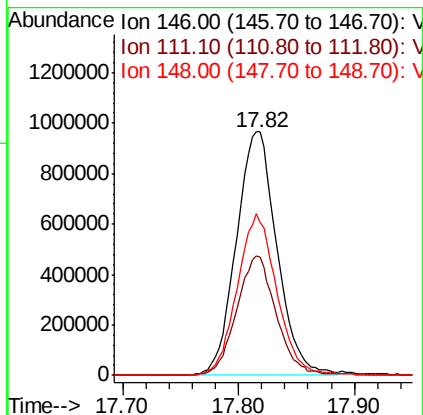
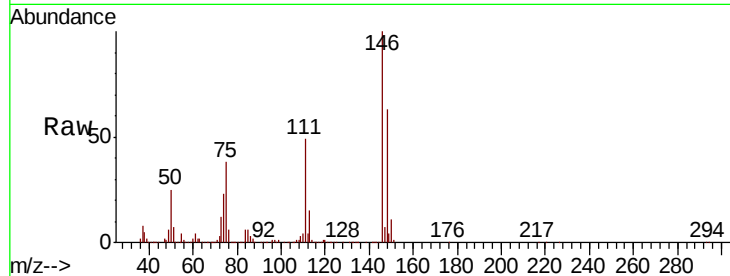
Ion 148.00 (147.70 to 148.70): V





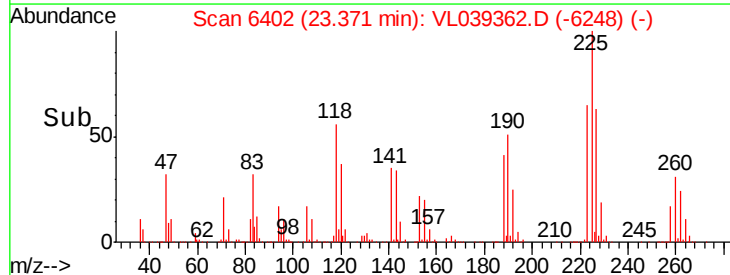
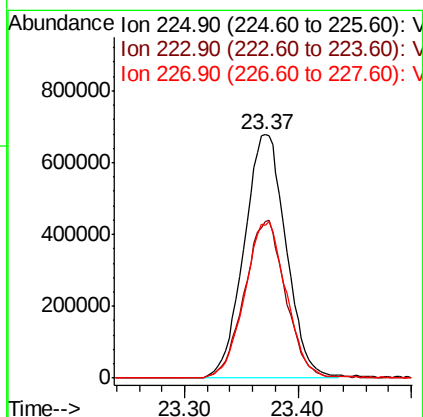
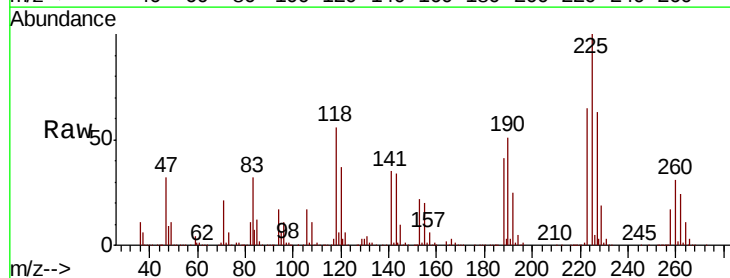
#77
 1,2-Dichlorobenzene
 Concen: 7.961 ppbv
 RT: 17.82
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0627ABS01
 Acq: 27 Jun 2022 15:58

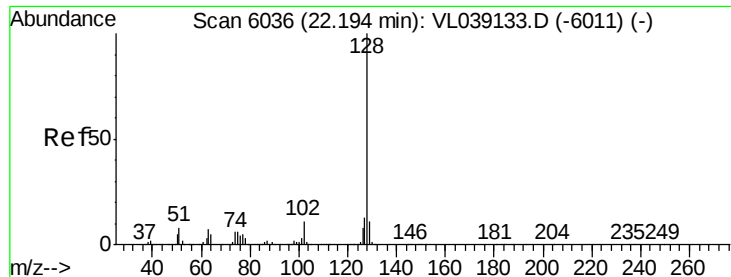
Tot Ion:146 Resp: 2342212
 Ion Ratio Lower Upper
 146 100
 111 48.0 24.4 73.4
 148 65.1 32.1 96.5



#78
 Hexachloro-1,3-Butadiene
 Concen: 6.500 ppbv
 RT: 23.37 min Scan# 6402
 Delta R.T. -0.00 min
 Lab File: VL039362.D
 Acq: 27 Jun 2022 15:56

Tgt Ion:225 Resp: 1748777
 Ion Ratio Lower Upper
 225 100
 223 63.7 51.4 77.0
 227 63.9 50.6 75.8





#79

Naphthalene

Concen: 8.666 ppbv

RT: 22.19 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Jun 2022 15:56

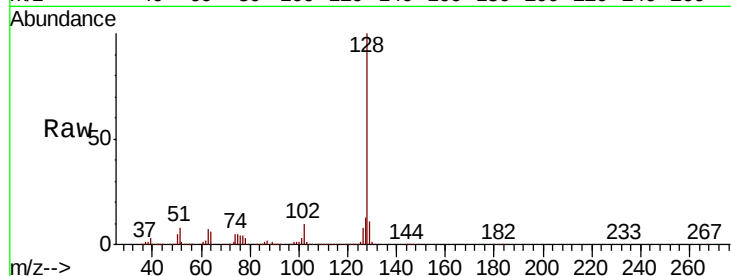
Tot Ion:128 Resp: 3440649

Ion Ratio Lower Upper

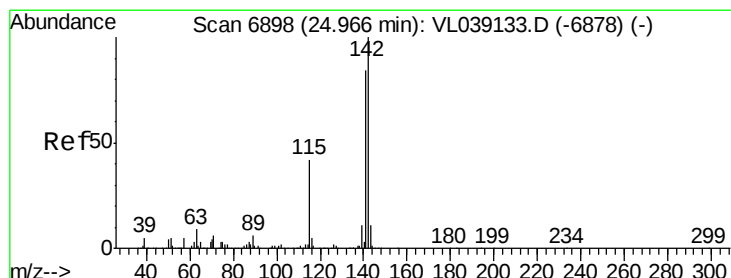
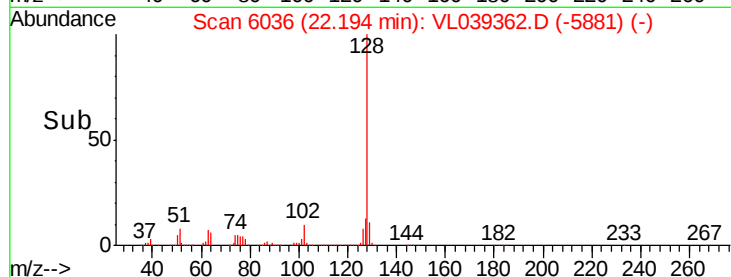
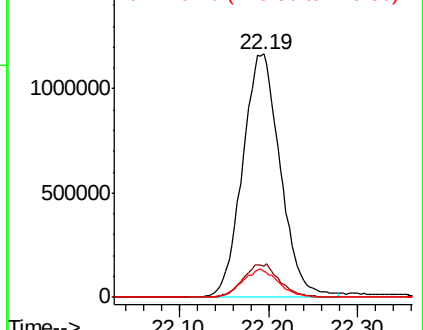
128 100

127 13.0 10.4 15.6

129 10.8 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: 7.432 ppbv

RT: 24.97 min Scan# 6898

Delta R.T. -0.00 min

Lab File: VL039362.D

Acq: 27 Jun 2022 15:56

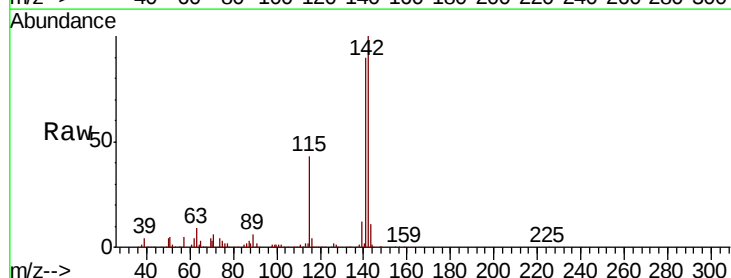
Tgt Ion:142 Resp: 1096305

Ion Ratio Lower Upper

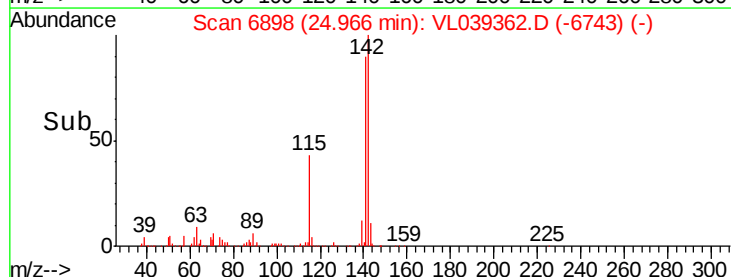
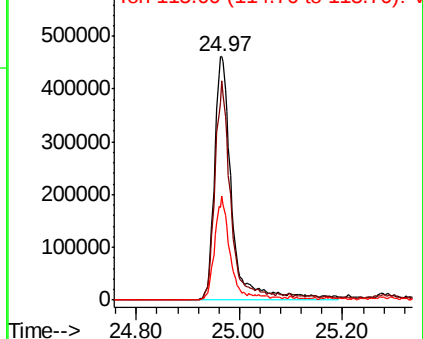
142 100

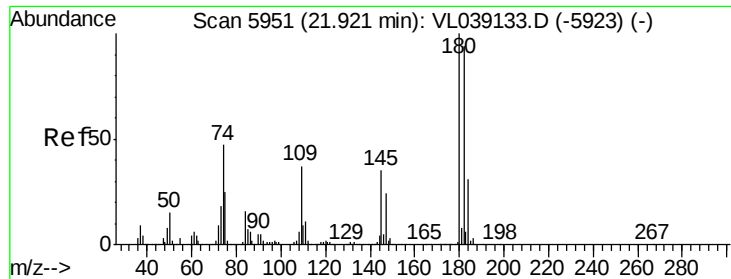
141 83.5 64.6 96.8

115 38.9 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: 7.880 ppbv
 RT: 21.92
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId : VL0627ABS01
 Acq: 27 Jun 2022 15:58

Tot Ion:180 Resp: 1981819
 Ion Ratio Lower Upper
 180 100
 182 98.2 0.0 0.0#
 184 31.1 0.0 0.0#

