

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062422\
 Data File : VL039338.D
 Acq On : 24 Jun 2022 12:17
 Operator : SY/AP
 Sample : VL0624ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL0624ABS01

Quant Time: Jun 27 01:47:49 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1228210	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	3479356	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.08	117	4064049	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2527955	7.52	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	75.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	1586882	7.356 ppbv	95
3) Chlorodifluoromethane	2.99	51	1422614	9.103 ppbv	99
4) Chloromethane	3.14	50	779720	9.714 ppbv	99
5) Vinyl Chloride	3.25	62	770898	10.273 ppbv	98
6) Bromomethane	3.47	94	344842	9.342 ppbv	98
7) Chloroethane	3.55	64	271118	10.369 ppbv	96
8) Dichlorotetrafluoroethane	3.19	85	1894955	9.611 ppbv	96
9) Propene	3.01	41	618902	9.083 ppbv	99
10) Heptane	8.11	43	1620540	10.194 ppbv	99
11) Trichlorofluoromethane	3.95	101	1893931	9.699 ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1380856	10.693 ppbv	99
13) Ethanol	3.60	45	22102	5.948 ppbv #	100
14) Bromoethene	3.74	108	575924	9.920 ppbv	99
15) Acetone	3.84	43	1376361	10.758 ppbv	97
16) 1,3-Butadiene	3.32	39	740417	10.766 ppbv	96
17) tert-Butyl alcohol	4.28	59	1213434	12.228 ppbv	98
18) 1,1-Dichloroethene	4.29	96	615333	10.622 ppbv	86
19) Isopropyl Alcohol	3.95	45	701110	11.684 ppbv #	98
20) Methylene Chloride	4.34	84	518786	9.622 ppbv	88
21) Allyl Chloride	4.41	41	975533	11.303 ppbv	100
22) trans-1,2-Dichloroethene	4.88	96	622859	11.175 ppbv	91
23) Vinyl Acetate	5.07	43	985397	9.309 ppbv	98
24) 1,1-Dichloroethane	5.01	63	1257505	8.670 ppbv	99
25) Ethyl Acetate	5.67	43	2919425	10.124 ppbv	100
26) Hexane	5.68	57	1226529	9.679 ppbv	96
27) Carbon Disulfide	4.55	76	1524468	11.607 ppbv	99
28) Methyl tert-Butyl Ether	5.03	73	1144101	8.178 ppbv	98
29) Chloroform	5.74	83	1992823	9.346 ppbv	97
30) Cyclohexane	7.12	84	1068025	10.033 ppbv	97
31) cis-1,2-Dichloroethene	5.54	61	1211599	9.377 ppbv	96
32) 1,1,1-Trichloroethane	6.50	97	2020000	9.681 ppbv	99
34) 2-Butanone	5.23	43	1733966	9.173 ppbv	99
35) Carbon Tetrachloride	7.01	117	2120749	8.351 ppbv	100
36) Benzene	6.89	78	2560354	9.064 ppbv	99
37) 1,2-Dichloroethane	6.30	62	1534961	8.257 ppbv	97
38) Trichloroethene	7.83	130	1327465	10.231 ppbv	95
39) 1,2-Dichloropropane	7.61	63	972581	8.656 ppbv	96
40) 1,4-Dioxane	7.82	88	357687	9.670 ppbv #	1
41) Tetrahydrofuran	6.04	42	992355	8.729 ppbv	100
42) Bromodichloromethane	7.79	83	2146194	8.319 ppbv	100
43) Methyl Methacrylate	8.01	69	1040400	9.456 ppbv	98

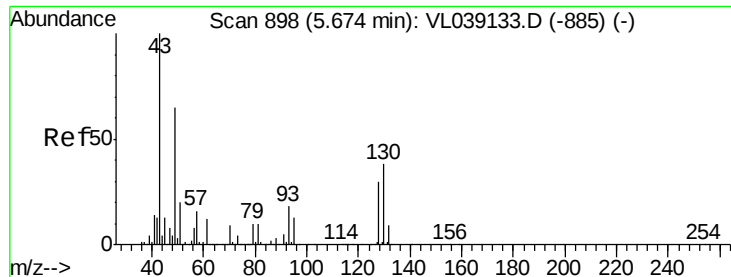
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062422\
 Data File : VL039338.D
 Acq On : 24 Jun 2022 12:17
 Operator : SY/AP
 Sample : VL0624ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL0624ABS01

Quant Time: Jun 27 01:47:49 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	7.86	57	4320409	8.743	ppbv	98
45) t-1,3-Dichloropropene	9.27	75	1032892	9.014	ppbv	96
46) cis-1,3-Dichloropropene	8.69	75	1326770	8.765	ppbv	95
47) 1,1,2-Trichloroethane	9.47	97	1071565	9.142	ppbv	97
48) Dibromochloromethane	10.30	129	1910143	9.126	ppbv	99
49) Bromoform	13.03	173	1568868	8.995	ppbv	98
50) 4-Methyl-2-Pentanone	8.73	43	2659200	9.398	ppbv	100
51) 2-Hexanone	10.12	43	2080706	9.451	ppbv #	96
52) Tetrachloroethene	11.22	164	989724	8.974	ppbv	98
53) Toluene	9.80	91	3119680	9.591	ppbv	99
54) 1,2-Dibromoethane	10.60	107	1460926	9.275	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.12	131	1396620	7.263	ppbv	95
57) Chlorobenzene	12.14	112	2348294	7.679	ppbv	93
58) Ethyl Benzene	12.70	91	4192476	7.489	ppbv	99
59) m/p-Xylene	12.99	91	3728302	7.563	ppbv #	33
60) o-Xylene	13.68	91	3449395	7.446	ppbv	99
61) Styrene	13.52	104	2044646	8.243	ppbv	95
62) Isopropylbenzene	14.66	105	5111377	7.424	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.66	83	1706926	6.565	ppbv	99
64) n-propylbenzene	15.55	120	1325977	7.835	ppbv	92
65) tert-Butylbenzene	16.73	119	4642744	7.374	ppbv	97
66) Benzyl Chloride	16.98	91	458151	5.597	ppbv	99
67) sec-Butylbenzene	17.28	105	6413743	7.466	ppbv	99
69) p-Isopropyltoluene	17.64	119	5496661	7.584	ppbv	98
70) n-Butylbenzene	18.54	91	5420524	7.287	ppbv	99
71) 2-Chlorotoluene	15.44	91	3707841	7.062	ppbv	96
72) 4-Ethyltoluene	15.83	105	4097109	7.547	ppbv	99
73) 1,3,5-Trimethylbenzene	15.98	105	3760839	7.680	ppbv	99
74) 1,2,4-Trimethylbenzene	16.75	105	4078419	7.463	ppbv	94
75) 1,3-Dichlorobenzene	16.99	146	2366037	7.650	ppbv	99
76) 1,4-Dichlorobenzene	17.12	146	2272997	7.366	ppbv	99
77) 1,2-Dichlorobenzene	17.80	146	2333634	7.486	ppbv	99
78) Hexachloro-1,3-Butadiene	23.36	225	1743494	6.116	ppbv	99
79) Naphthalene	22.18	128	3463867	8.234	ppbv	98
80) Naphthalene, 2-methyl-	24.96	142	1095811	7.012	ppbv	92
81) 1,2,4-Trichlorobenzene	21.91	180	1984801	7.448	ppbv #	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

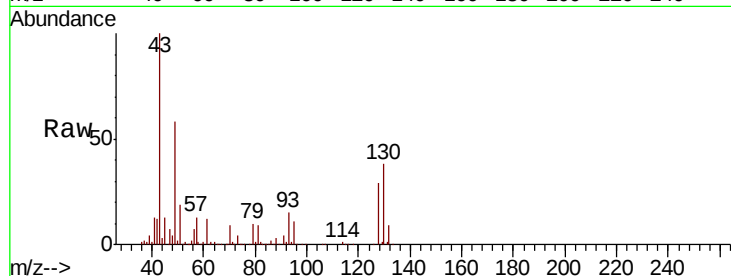
Delta R.T. ClientSampleId:

Lab File: VL0624ABS01

Acq: 24 Jun 2022 12:17

Tot Ion: 49 Resp: 1228210

Ion	Ratio	Lower	Upper
49	100		
128	54.2	24.7	74.1
130	69.3	31.4	94.0



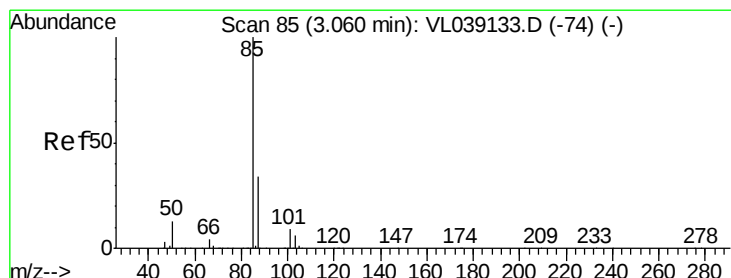
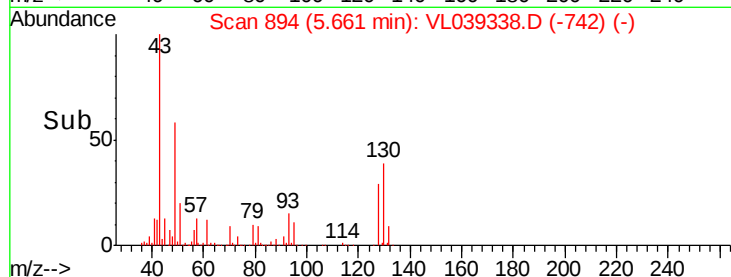
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V

5.66

Time-->



#2

Dichlorodifluoromethane

Concen: 7.356 ppbv

RT: 3.05 min Scan# 81

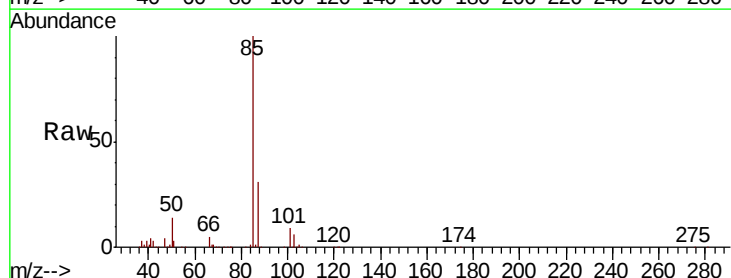
Delta R.T. -0.01 min

Lab File: VL039338.D

Acq: 24 Jun 2022 12:17

Tgt Ion: 85 Resp: 1586882

Ion	Ratio	Lower	Upper
85	100		
87	30.9	26.9	40.3

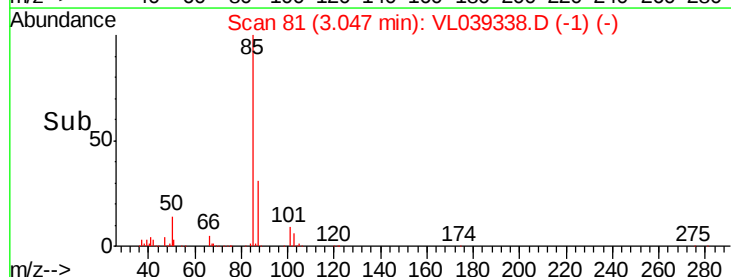


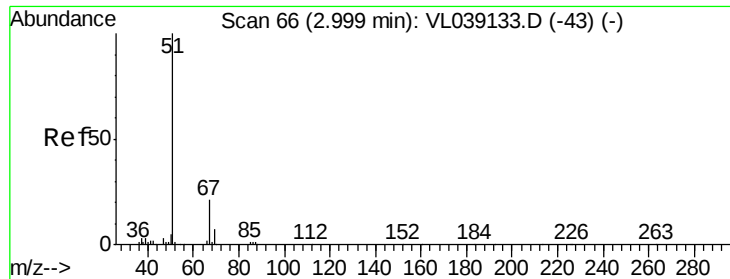
Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

3.05

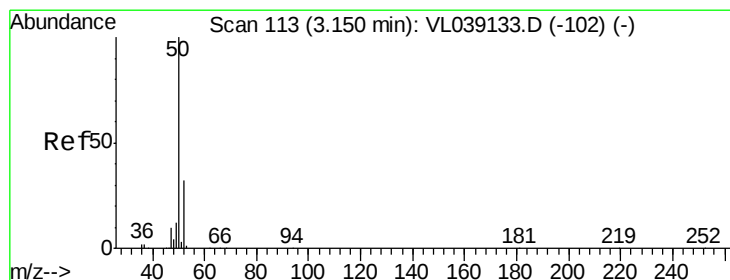
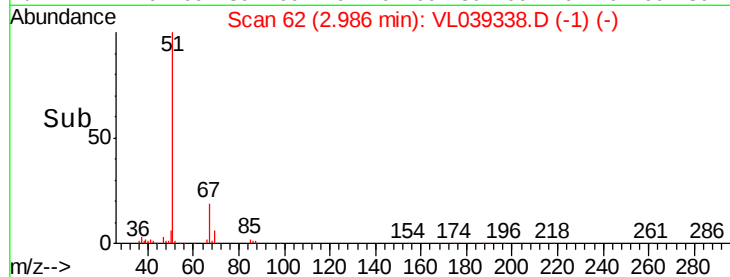
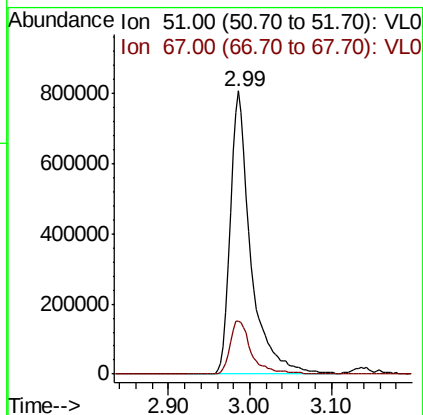
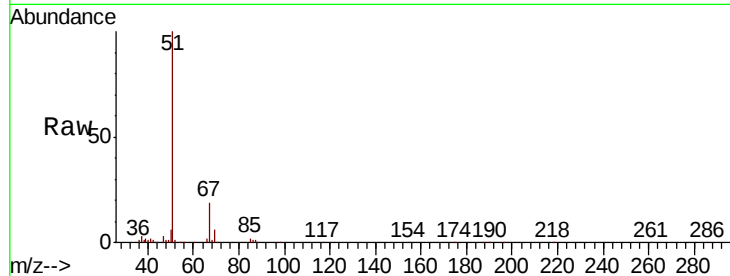
Time-->





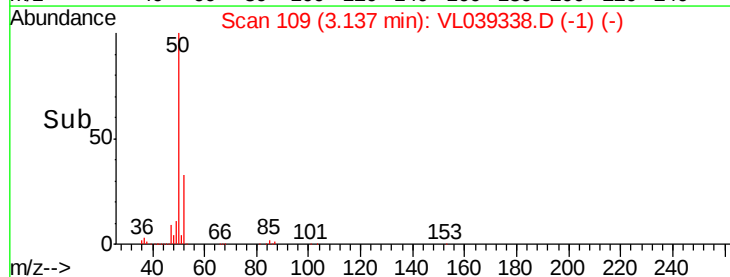
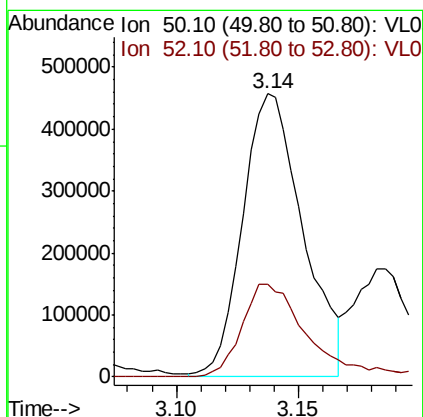
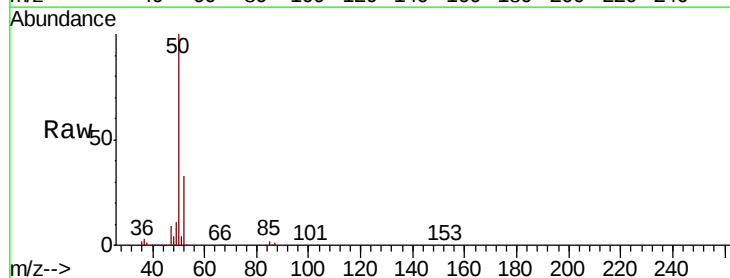
#3
 Chlorodifluoromethane
 Concen: 9.103 ppbv
 RT: 2.99
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId : VL0624ABS01
 Acq: 24 Jun 2022 12:17

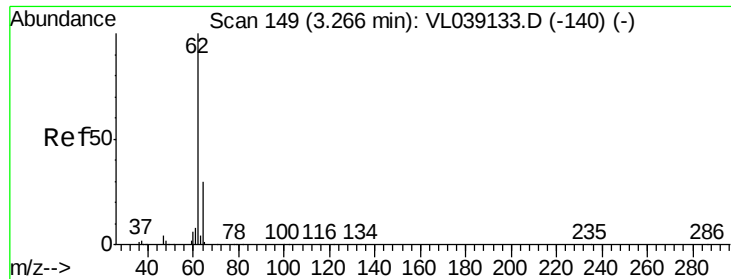
Tot Ion: 51 Resp: 1422614
 Ion Ratio Lower Upper
 51 100
 67 19.8 16.2 24.4



#4
 Chloromethane
 Concen: 9.714 ppbv
 RT: 3.14 min Scan# 109
 Delta R.T. -0.01 min
 Lab File: VL039338.D
 Acq: 24 Jun 2022 12:17

Tgt Ion: 50 Resp: 779720
 Ion Ratio Lower Upper
 50 100
 52 33.2 25.9 38.9





#5

Vinyl Chloride

Concen: 10.273 ppbv

RT: 3.25 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

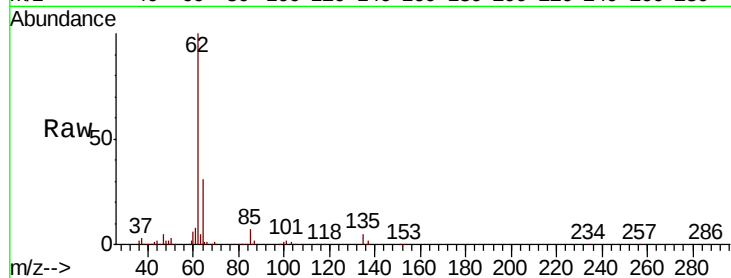
Acq: 24 Jun 2022 12:17 VL0624ABS01

Tot Ion: 62 Resp: 770898

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

3.25

400000

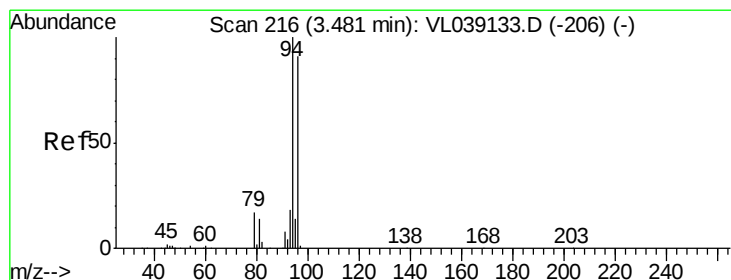
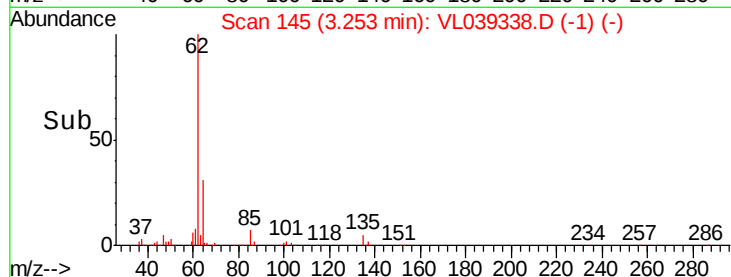
300000

200000

100000

0

Time-->



#6

Bromomethane

Concen: 9.342 ppbv

RT: 3.47 min Scan# 212

Delta R.T. -0.01 min

Lab File: VL039338.D

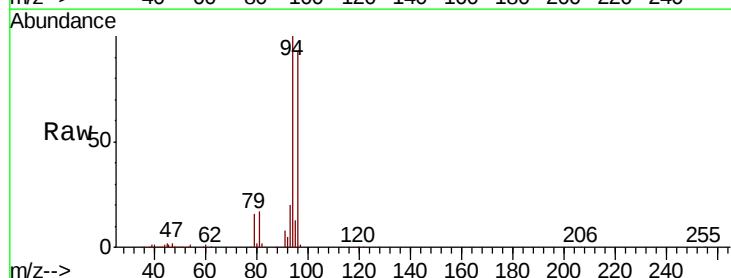
Acq: 24 Jun 2022 12:17

Tgt Ion: 94 Resp: 344842

Ion Ratio Lower Upper

94 100

96 92.8 73.0 109.4



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

3.47

200000

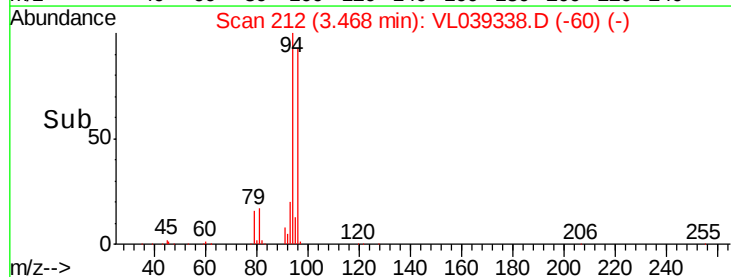
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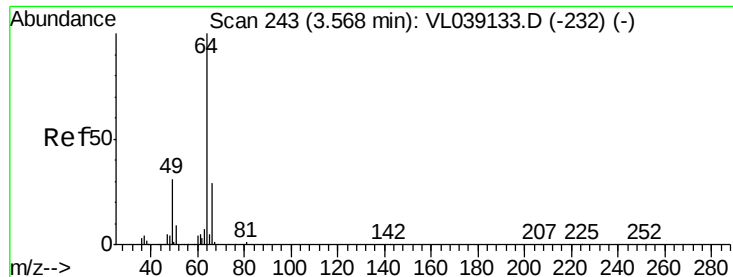
100000

50000

0

Time-->





#7

Chloroethane

Concen: 10.369 ppbv

RT: 3.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

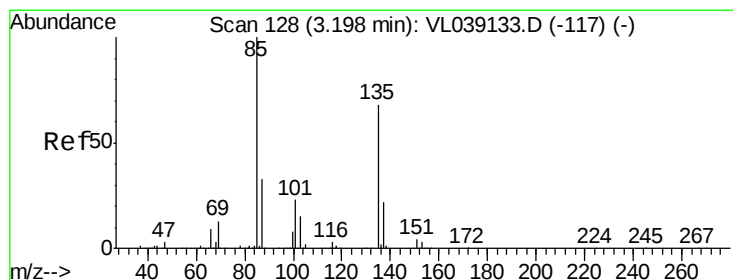
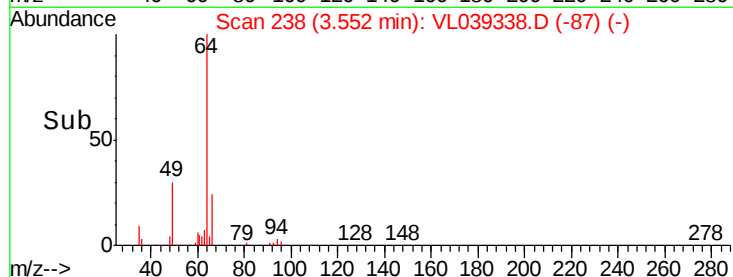
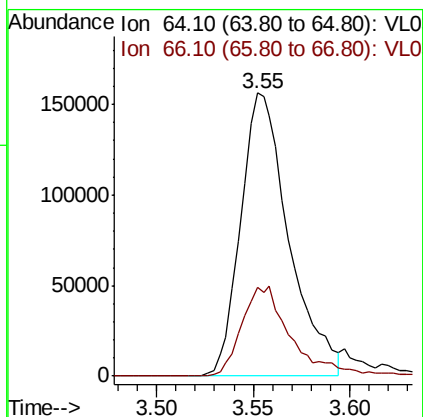
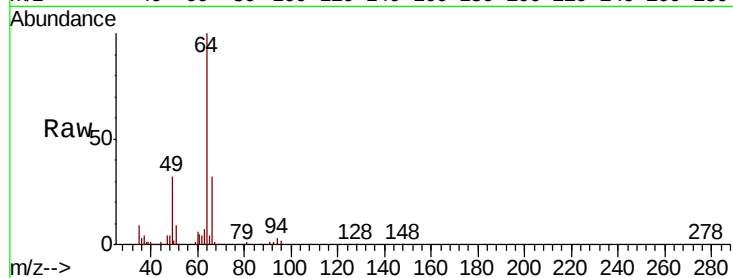
Acq: 24 Jun 2022 12:17 VL0624ABS01

Tot Ion: 64 Resp: 271118

Ion Ratio Lower Upper

64 100

66 31.5 23.6 35.4



#8

Dichlorotetrafluoroethane

Concen: 9.611 ppbv

RT: 3.19 min Scan# 124

Delta R.T. -0.01 min

Lab File: VL039338.D

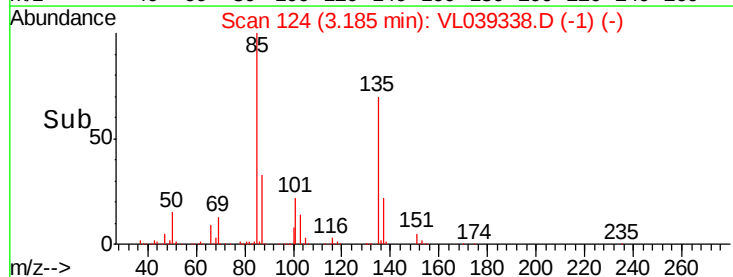
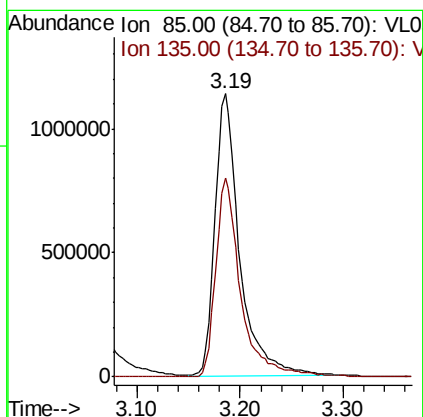
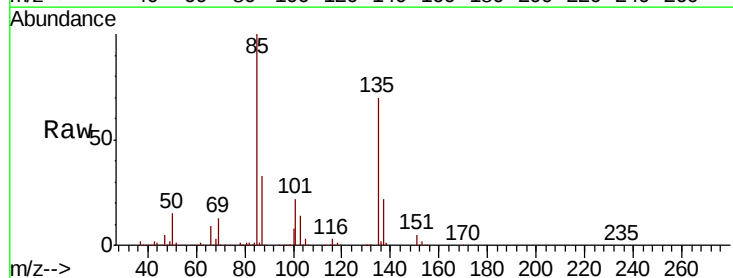
Acq: 24 Jun 2022 12:17

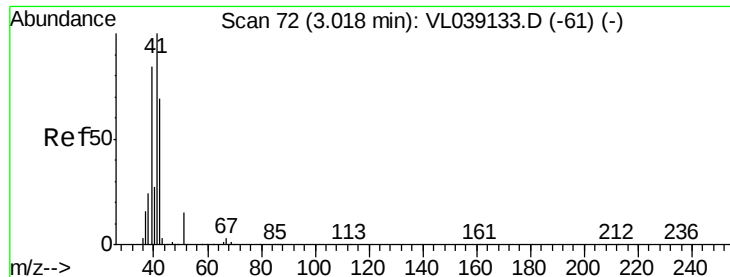
Tgt Ion: 85 Resp: 1894955

Ion Ratio Lower Upper

85 100

135 71.7 55.0 82.4





#9

Propene

Concen: 9.083 ppbv

RT: 3.01 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0624ABS01

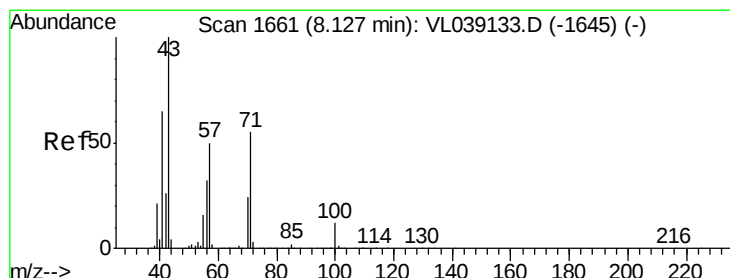
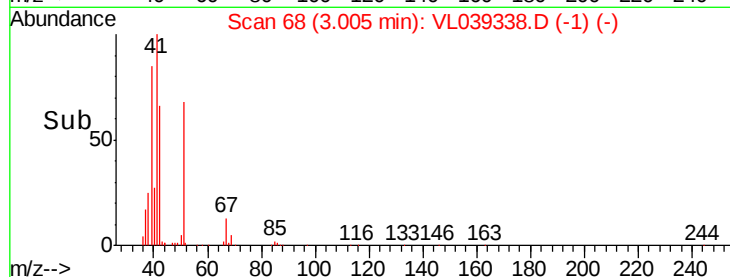
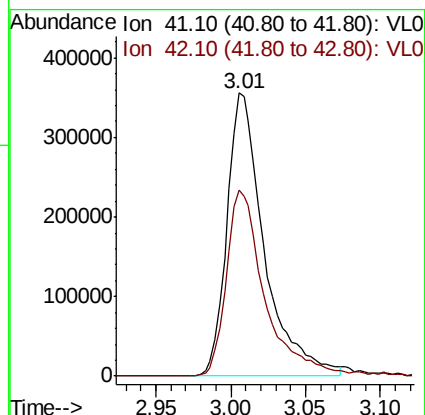
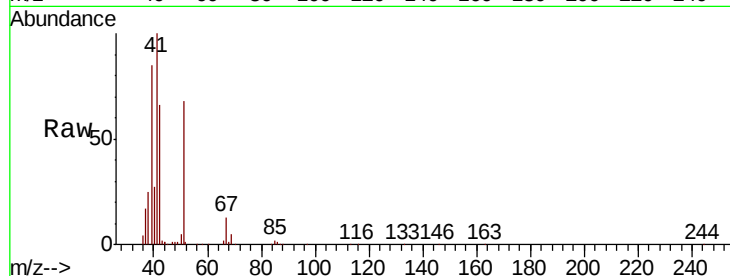
Acq: 24 Jun 2022 12:17

Tot Ion: 41 Resp: 618902

Ion Ratio Lower Upper

41 100

42 68.6 55.4 83.2



#10

Heptane

Concen: 10.194 ppbv

RT: 8.11 min Scan# 1657

Delta R.T. -0.01 min

Lab File: VL039338.D

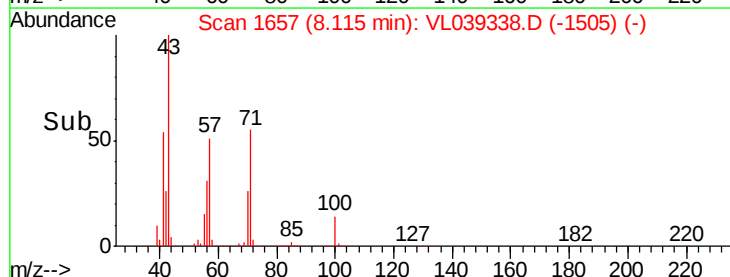
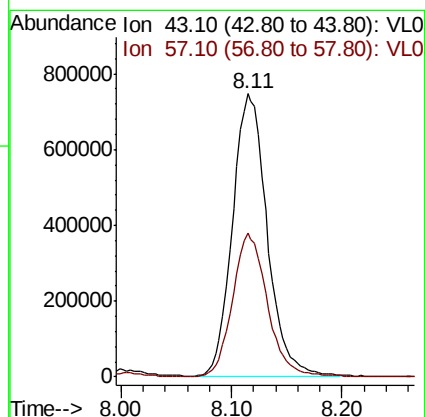
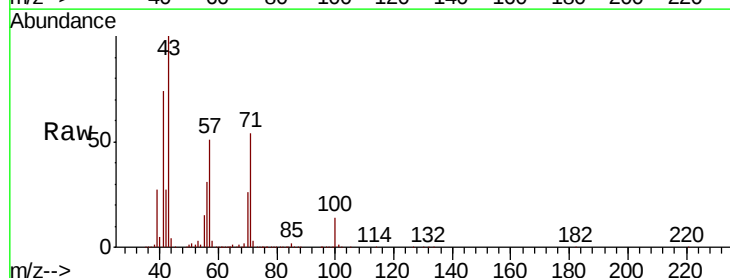
Acq: 24 Jun 2022 12:17

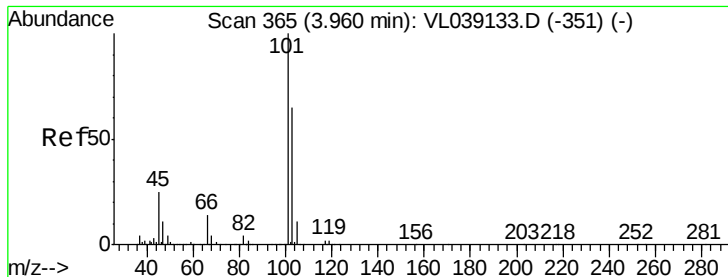
Tgt Ion: 43 Resp: 1620540

Ion Ratio Lower Upper

43 100

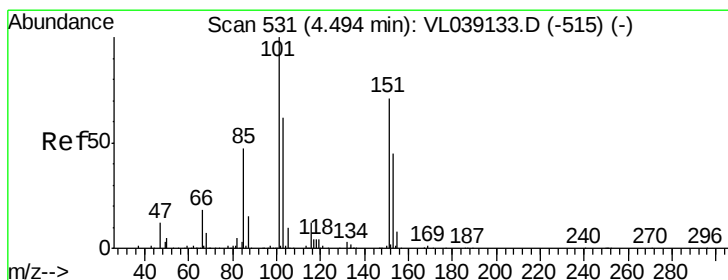
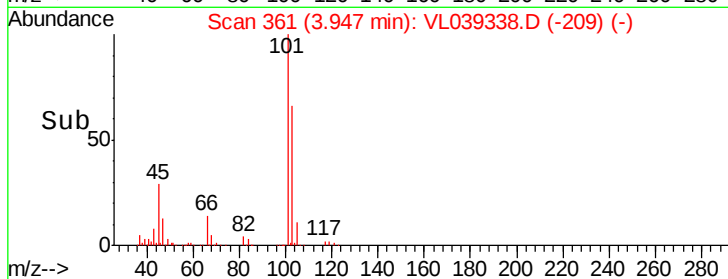
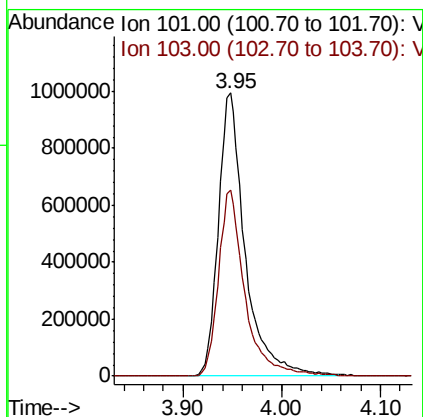
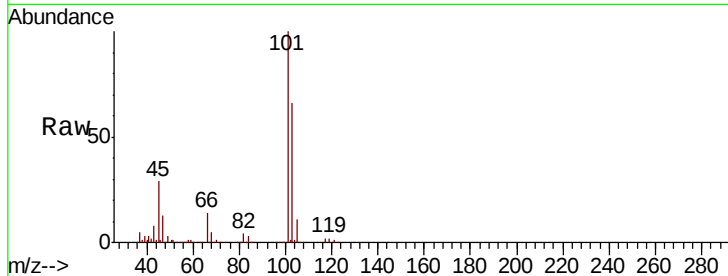
57 51.3 41.4 62.2





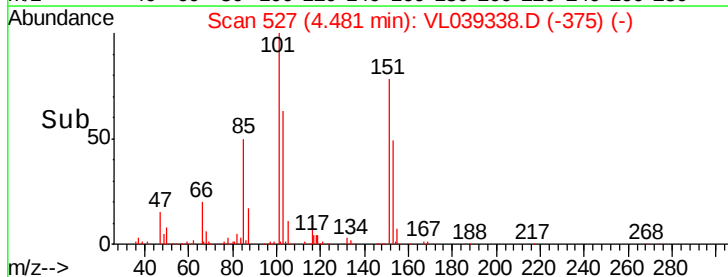
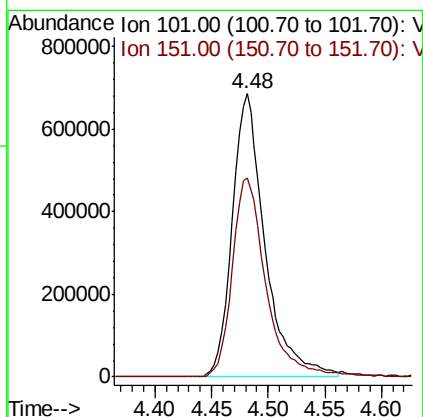
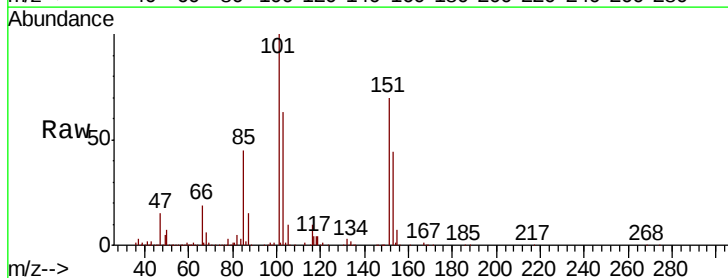
#11
 Trichlorofluoromethane
 Concen: 9.699 ppbv
 RT: 3.95
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0624ABS01
 Acq: 24 Jun 2022 12:17

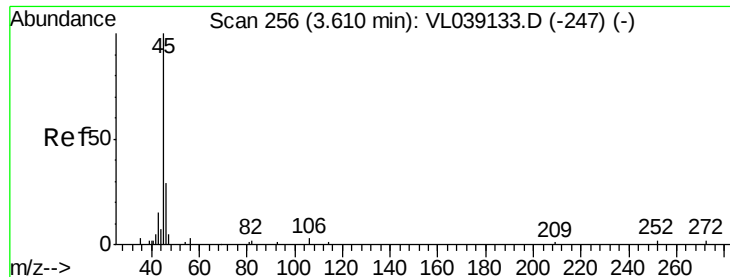
Tot Ion:101 Resp: 1893931
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.693 ppbv
 RT: 4.48 min Scan# 527
 Delta R.T. -0.01 min
 Lab File: VL039338.D
 Acq: 24 Jun 2022 12:17

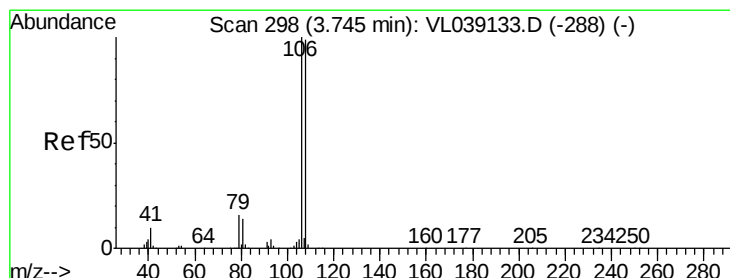
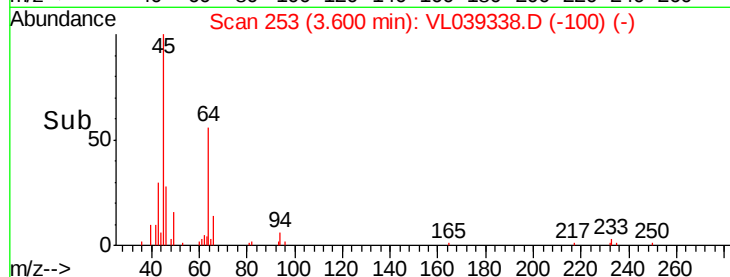
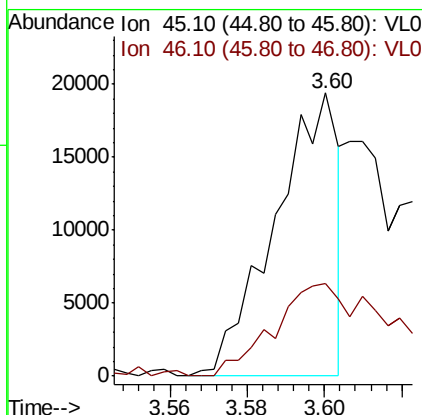
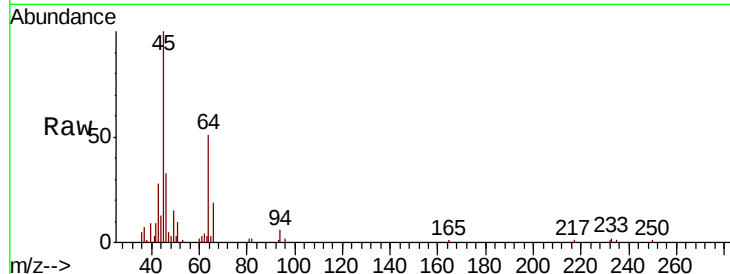
Tgt Ion:101 Resp: 1380856
 Ion Ratio Lower Upper
 101 100
 151 73.0 59.4 89.0





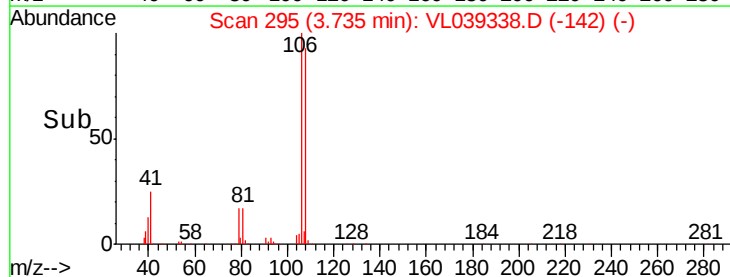
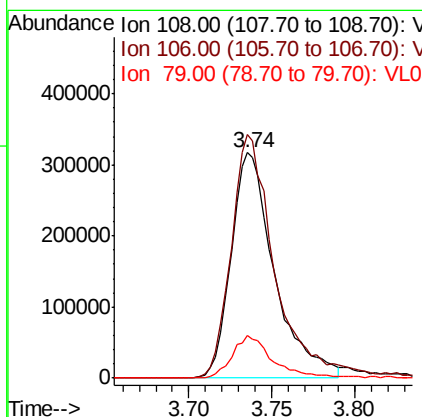
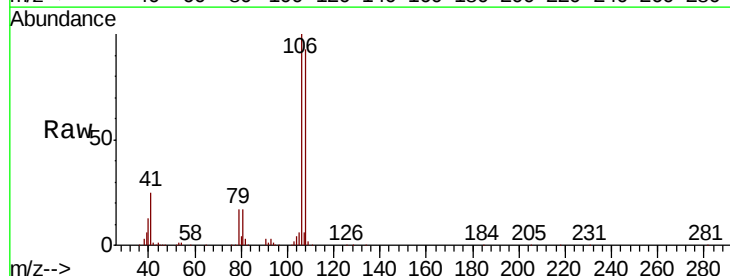
#13
Ethanol
Concen: 5.948 ppbv
RT: 3.60
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Jun 2022 12:17

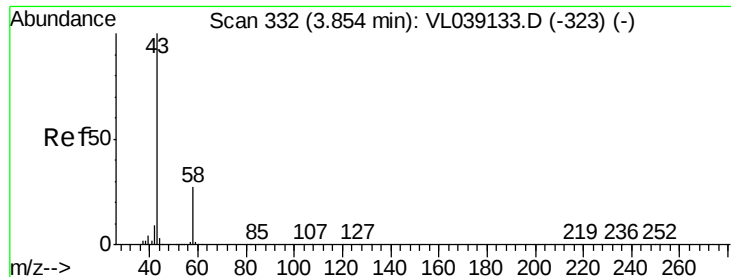
Tot Ion: 45 Resp: 22102
Ion Ratio Lower Upper
45 100
46 77.9 0.0 0.0#



#14
Bromoethene
Concen: 9.920 ppbv
RT: 3.74 min Scan# 295
Delta R.T. -0.01 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

Tgt Ion: 108 Resp: 575924
Ion Ratio Lower Upper
108 100
106 111.4 88.4 132.6
79 18.6 13.4 20.2





#15

Acetone

Concen: 10.758 ppbv

RT: 3.84 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

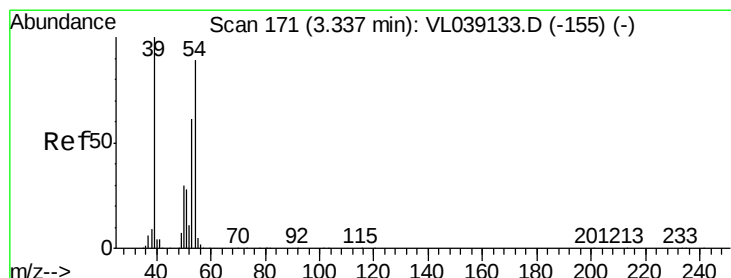
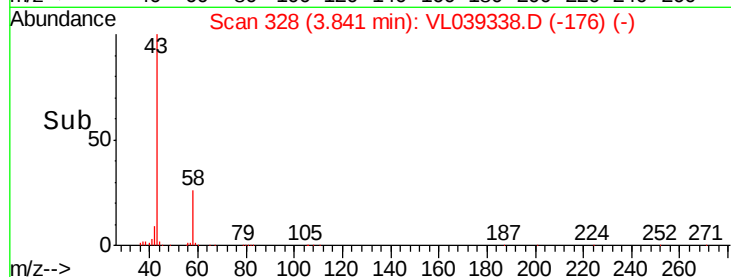
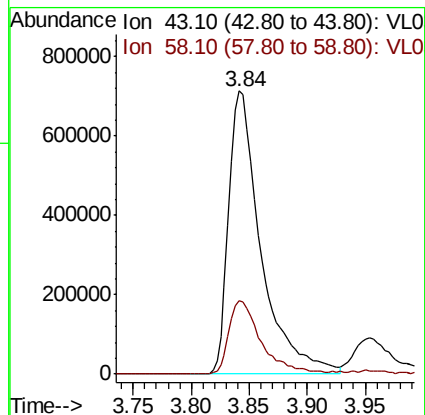
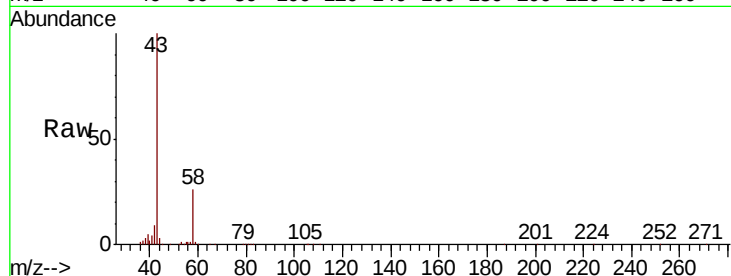
Acq: 24 Jun 2022 12:17 VL0624ABS01

Tot Ion: 43 Resp: 1376361

Ion Ratio Lower Upper

43 100

58 26.3 22.5 33.7



#16

1,3-Butadiene

Concen: 10.766 ppbv

RT: 3.32 min Scan# 167

Delta R.T. -0.01 min

Lab File: VL039338.D

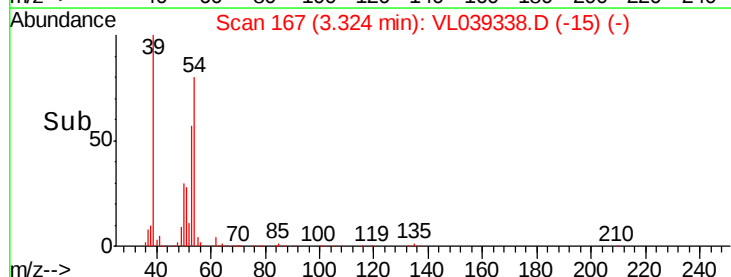
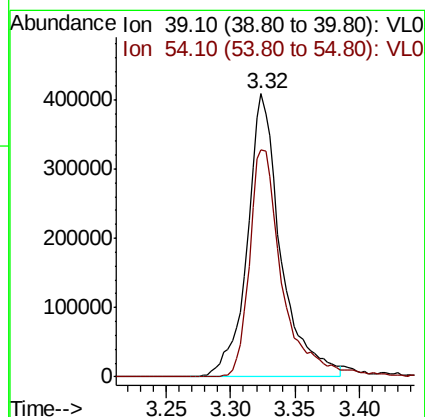
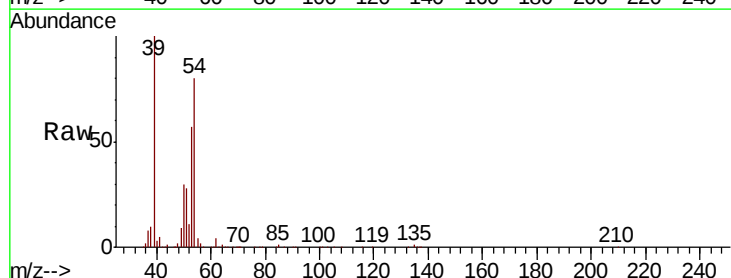
Acq: 24 Jun 2022 12:17

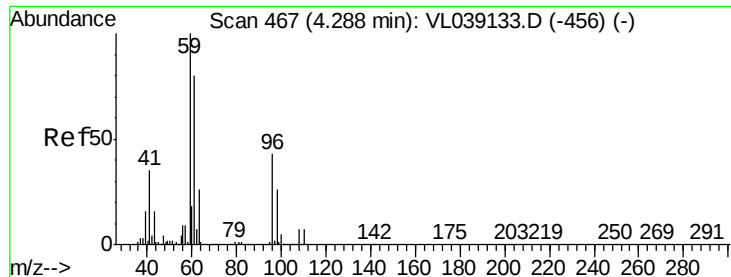
Tgt Ion: 39 Resp: 740417

Ion Ratio Lower Upper

39 100

54 79.0 65.8 98.6





#17

tert-Butyl alcohol

Concen: 12.228 ppbv

RT: 4.28 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0624ABS01

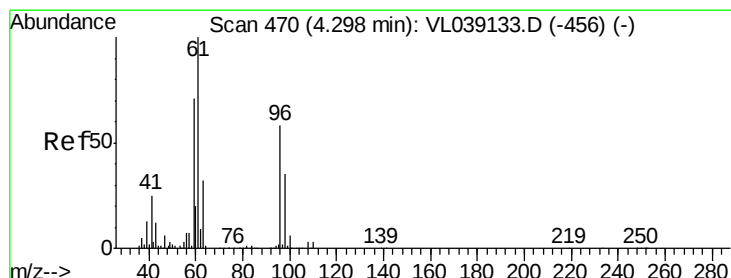
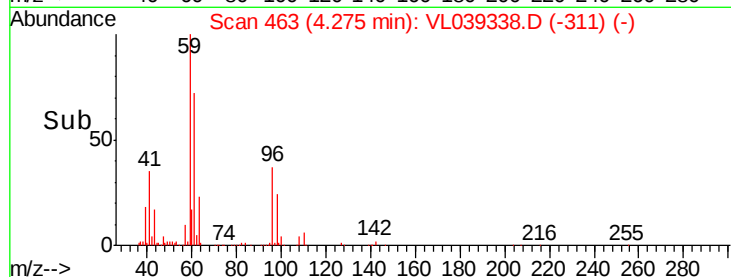
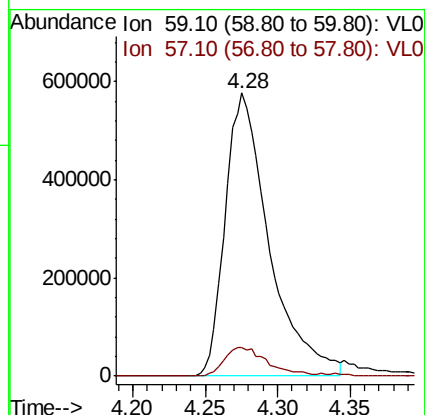
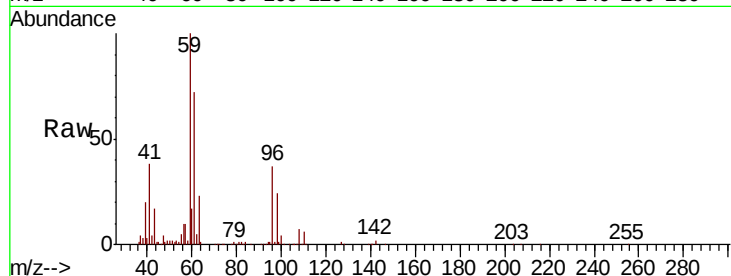
Acq: 24 Jun 2022 12:17

Tot Ion: 59 Resp: 1213434

Ion Ratio Lower Upper

59 100

57 10.7 9.1 13.7



#18

1,1-Dichloroethene

Concen: 10.622 ppbv

RT: 4.29 min Scan# 466

Delta R.T. -0.01 min

Lab File: VL039338.D

Acq: 24 Jun 2022 12:17

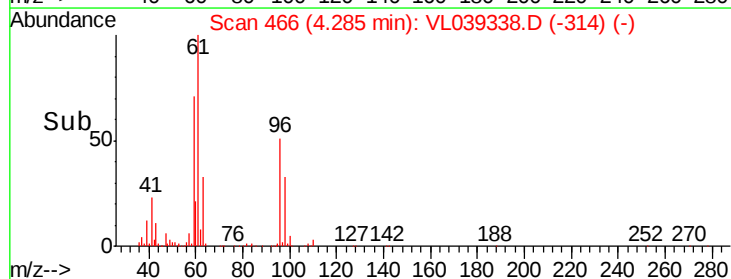
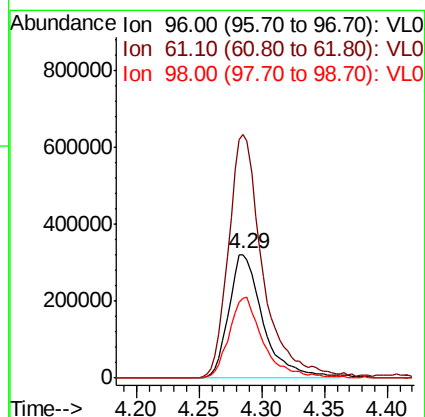
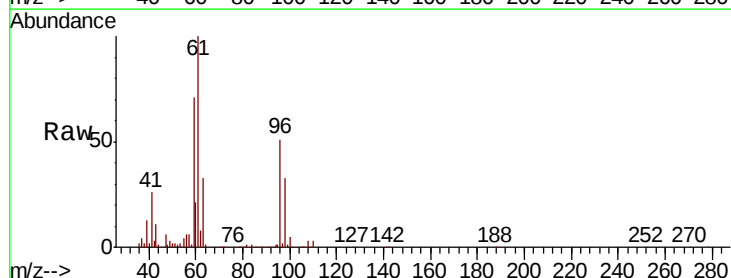
Tgt Ion: 96 Resp: 615333

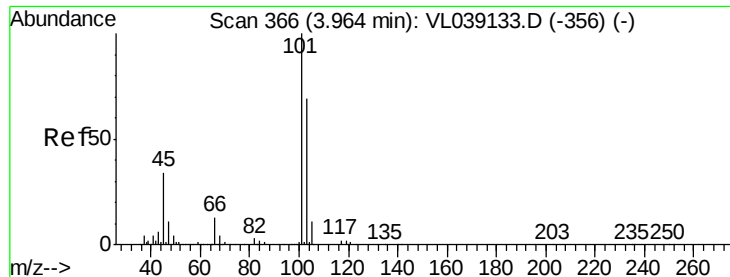
Ion Ratio Lower Upper

96 100

61 196.4 138.4 207.6

98 64.4 47.8 71.8





#19

Isopropyl Alcohol

Concen: 11.684 ppbv

RT: 3.95 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId: VL0624ABS01

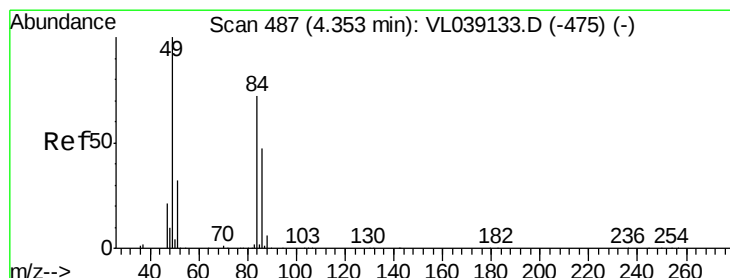
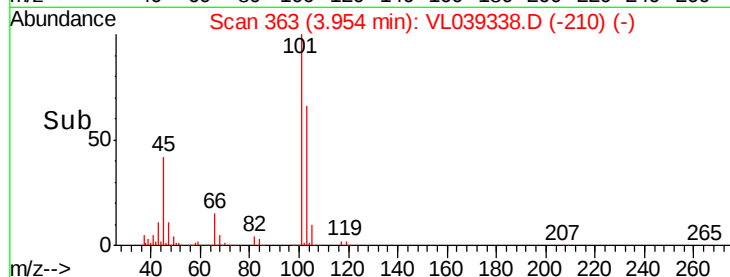
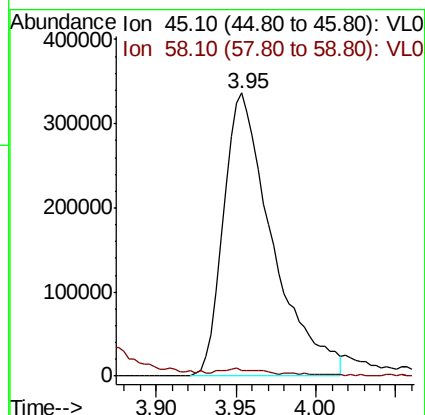
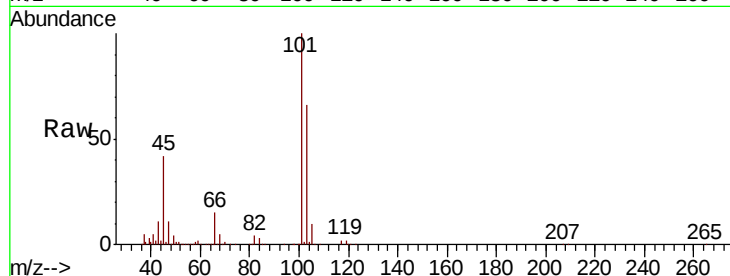
Acq: 24 Jun 2022 12:17

Tot Ion: 45 Resp: 701110

Ion Ratio Lower Upper

45 100

58 3.1 1.8 2.8#



#20

Methylene Chloride

Concen: 9.622 ppbv

RT: 4.34 min Scan# 483

Delta R.T. -0.01 min

Lab File: VL039338.D

Acq: 24 Jun 2022 12:17

Tgt Ion: 84 Resp: 518786

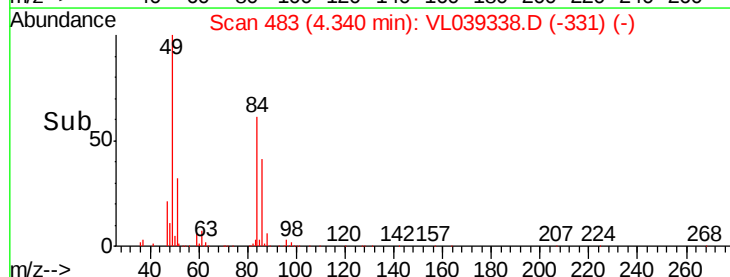
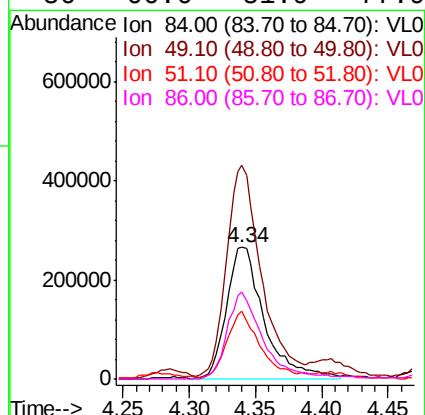
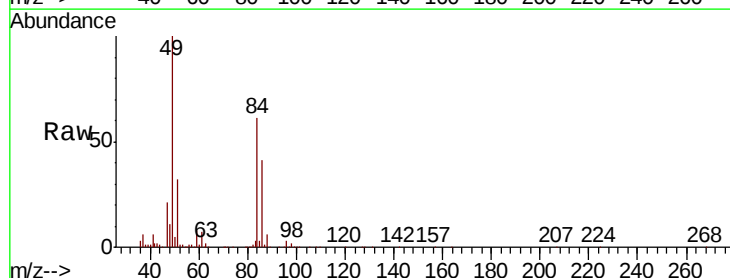
Ion Ratio Lower Upper

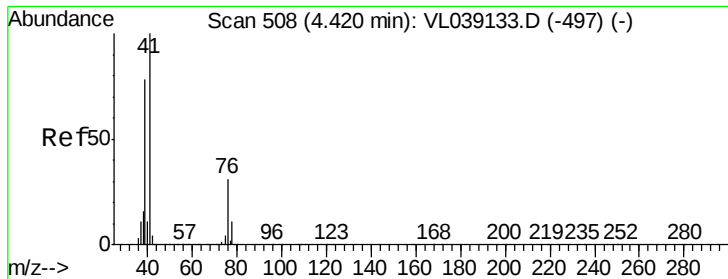
84 100

49 160.3 111.1 166.7

51 49.8 35.3 52.9

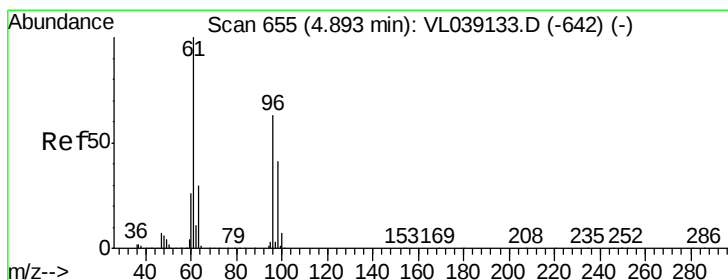
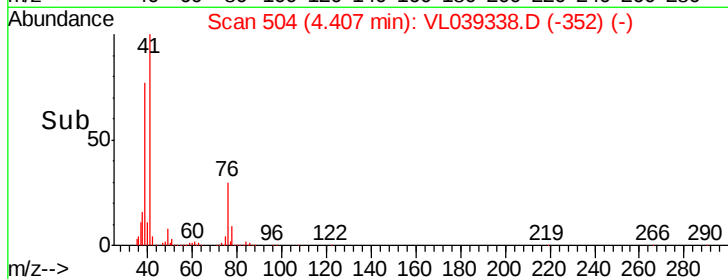
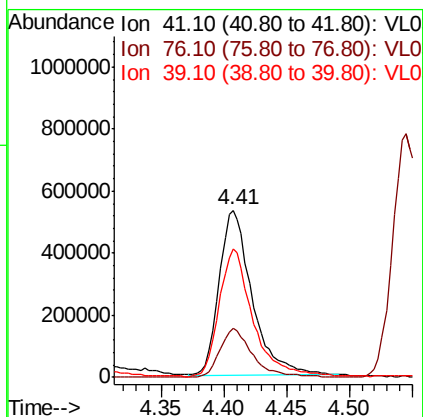
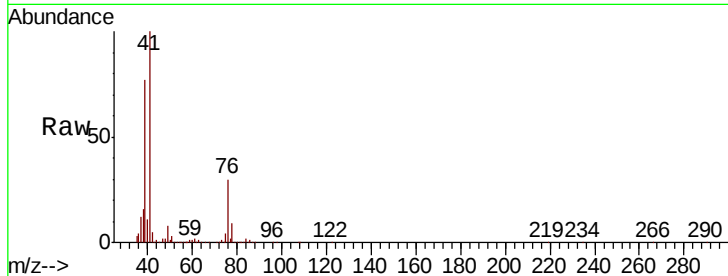
86 66.6 51.9 77.9





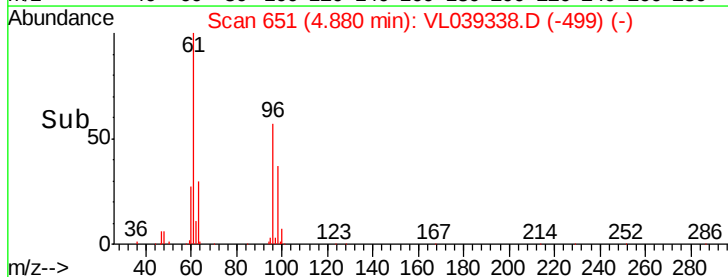
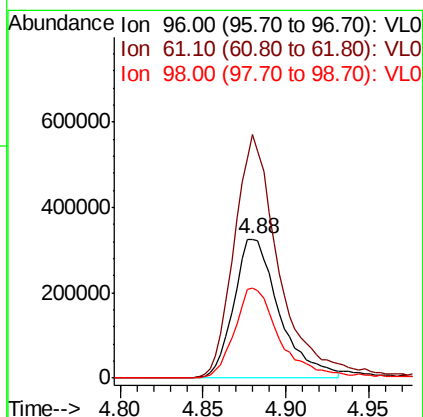
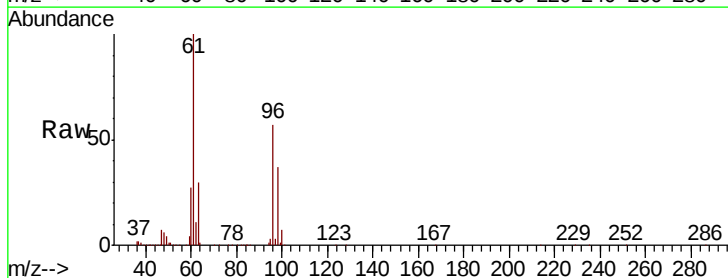
#21
 Allvl Chloride
 Concen: 11.303 ppbv
 RT: 4.41
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0624ABS01
 Acq: 24 Jun 2022 12:17

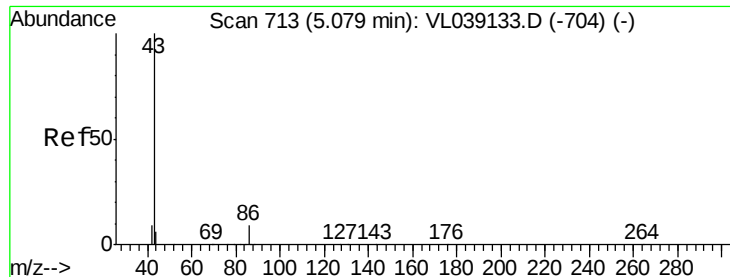
Tot Ion	Ratio	Lower	Upper
41	100		
76	29.6	24.2	36.2
39	77.8	62.2	93.2



#22
 trans-1,2-Dichloroethene
 Concen: 11.175 ppbv
 RT: 4.88 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: VL039338.D
 Acq: 24 Jun 2022 12:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	174.9	126.6	190.0
98	64.2	52.5	78.7





#23

Vinyl Acetate

Concen: 9.309 ppbv

RT: 5.07 Instrument: MSVOA_1

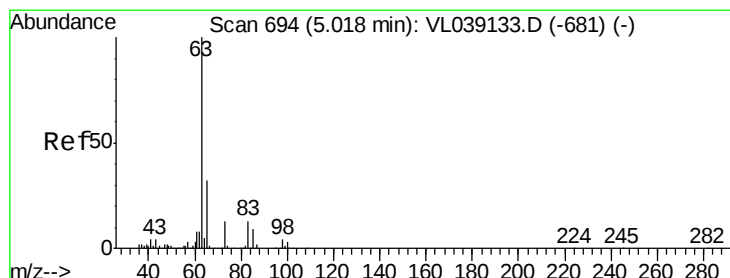
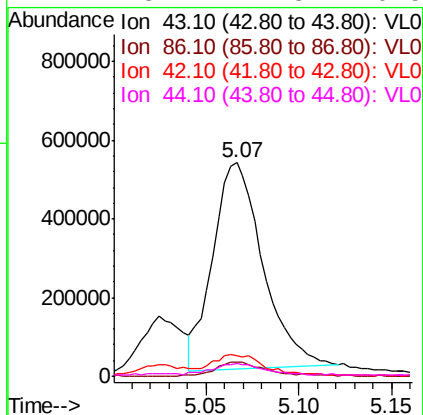
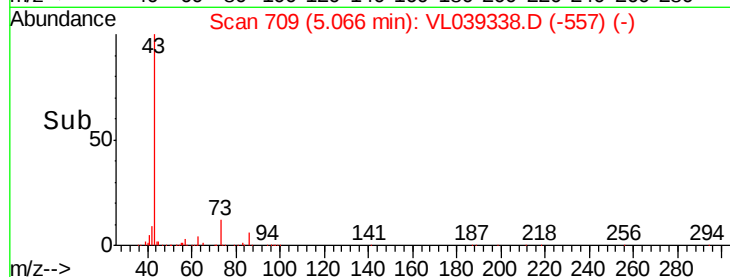
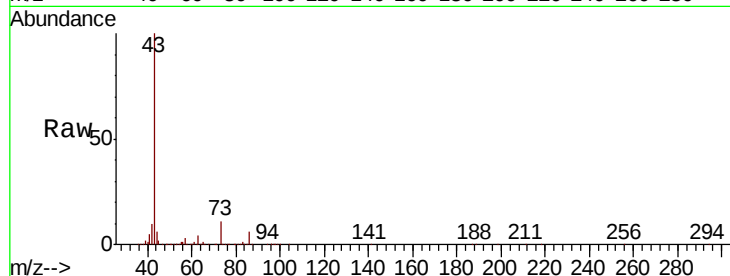
Delta R.T.

Lab File: ClientSampleId:

Acq: 24 Jun 2022 12:17

Tot Ion: 43 Resp: 985397

Ion	Ratio	Lower	Upper
43	100		
86	6.5	6.0	9.0
42	9.6	8.2	12.4
44	5.7	4.3	6.5



#24

1,1-Dichloroethane

Concen: 8.670 ppbv

RT: 5.01 min Scan# 691

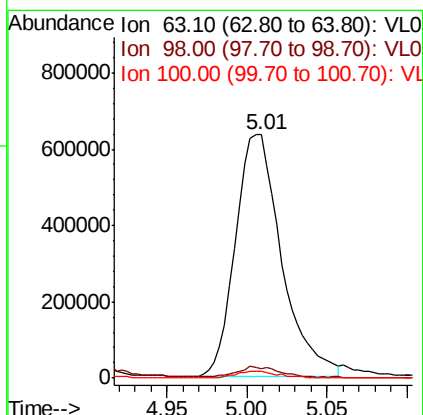
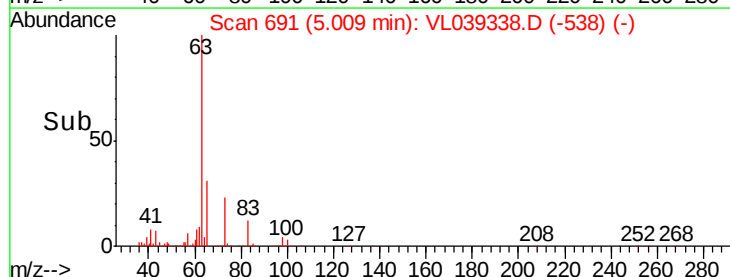
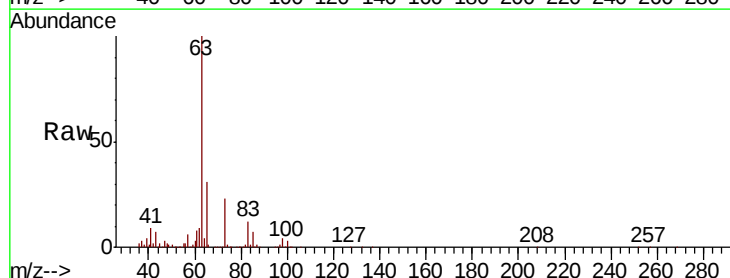
Delta R.T. -0.01 min

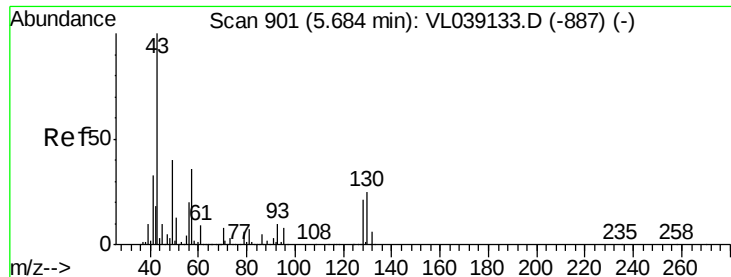
Lab File: VL039338.D

Acq: 24 Jun 2022 12:17

Tgt Ion: 63 Resp: 1257505

Ion	Ratio	Lower	Upper
63	100		
98	3.5	2.1	6.2
100	3.1	1.5	4.5

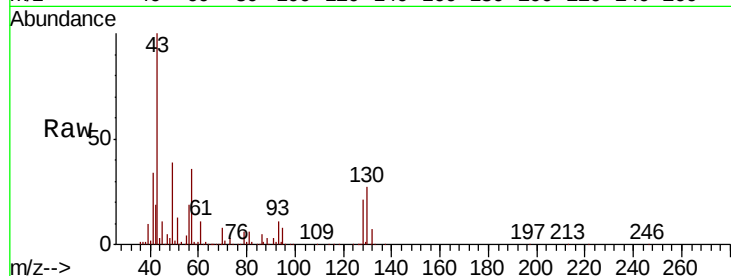




#25
Ethyl Acetate
Concen: 10.124 ppbv
RT: 5.67
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0624ABS01
Acq: 24 Jun 2022 12:17

Tot Ion: 43 Resp: 2919425

Ion	Ratio	Lower	Upper
43	100		
45	10.0	8.2	12.2
61	10.2	8.4	12.6
70	7.0	5.6	8.4



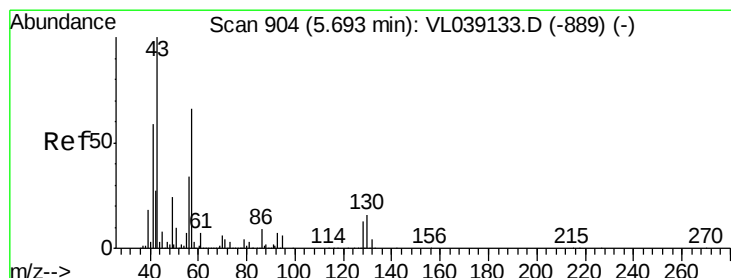
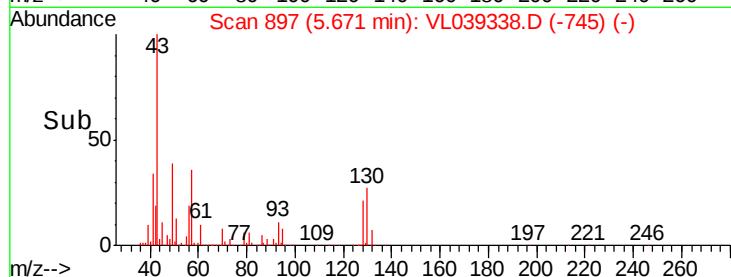
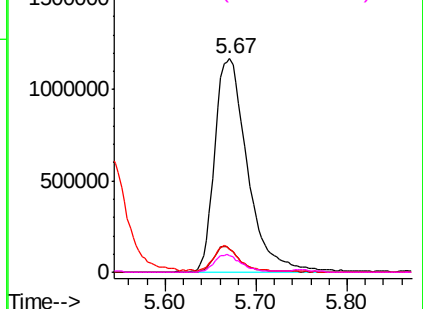
Abundance

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

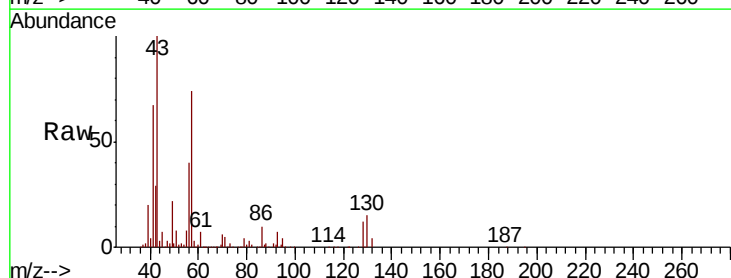
Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 9.679 ppbv
RT: 5.68 min Scan# 901
Delta R.T.: -0.01 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

Tgt Ion: 57 Resp: 1226529

Ion	Ratio	Lower	Upper
57	100		
41	96.3	72.4	108.6
43	240.2	187.0	280.6
56	54.6	41.8	62.6



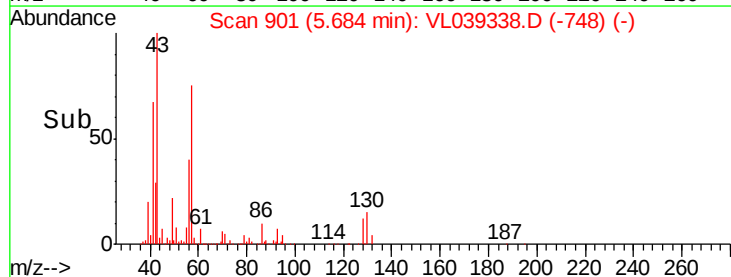
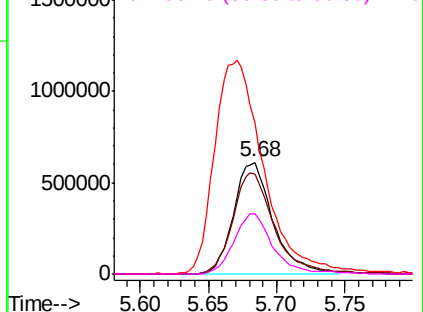
Abundance

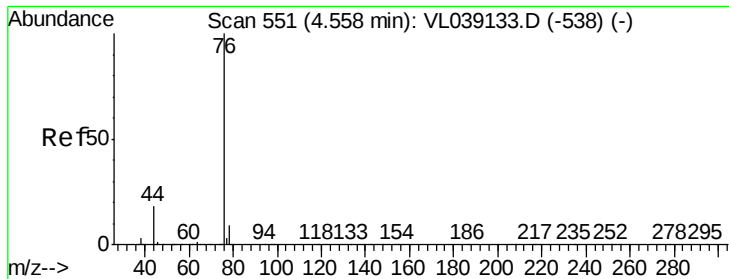
Ion 57.10 (56.80 to 57.80): VL0

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

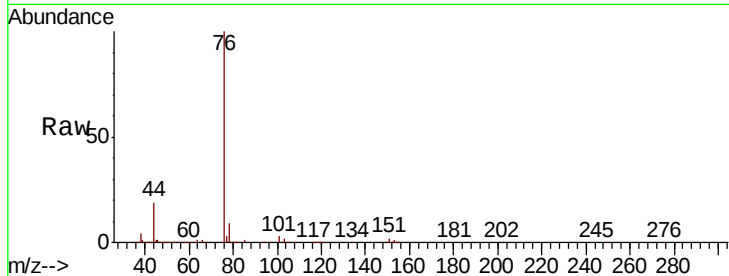




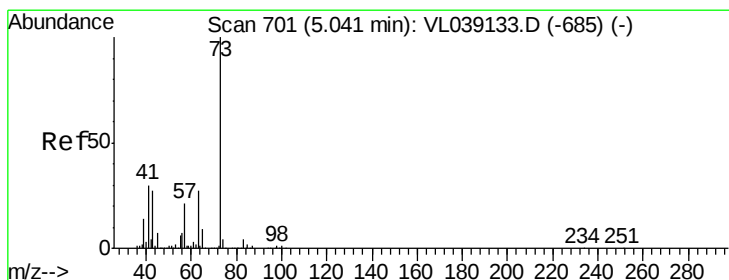
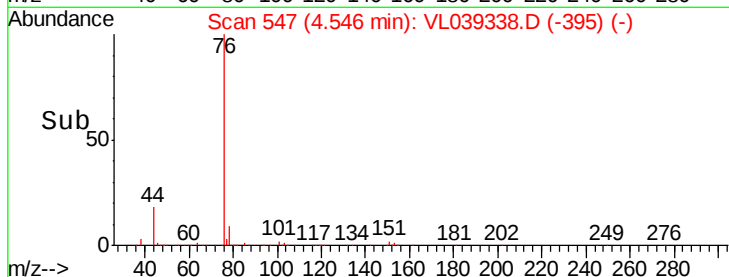
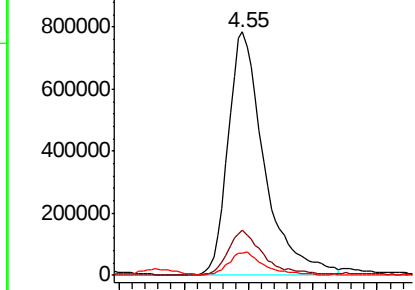
#27
Carbon Disulfide
Concen: 11.607 ppbv
RT: 4.55
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 24 Jun 2022 12:17

Tot Ion: 76 Resp: 1524468

Ion	Ratio	Lower	Upper
76	100		
44	18.4	14.4	21.6
78	9.6	7.7	11.5



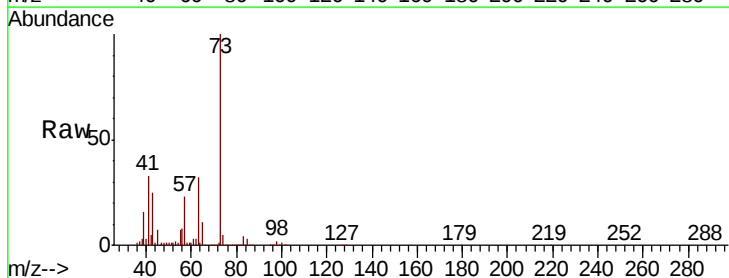
Abundance Ion 76.00 (75.70 to 76.70): VL0
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0



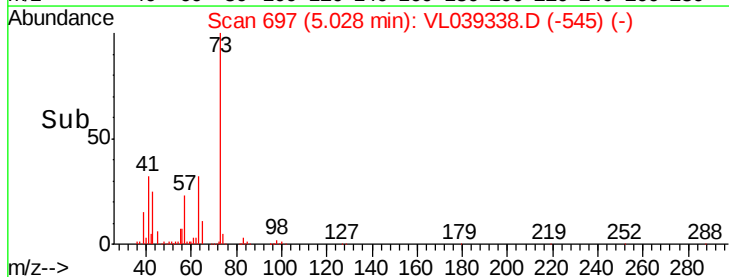
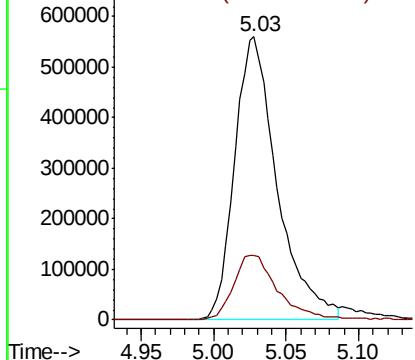
#28
Methyl tert-Butyl Ether
Concen: 8.178 ppbv
RT: 5.03 min Scan# 697
Delta R.T. -0.01 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

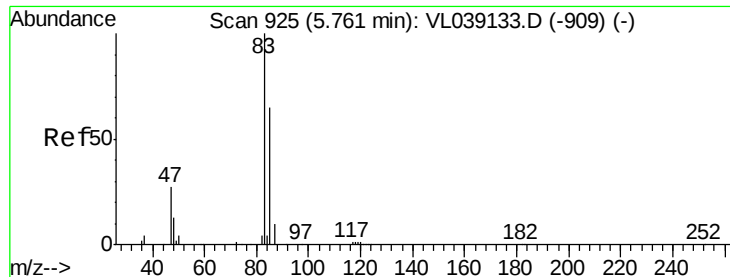
Tgt Ion: 73 Resp: 1144101

Ion	Ratio	Lower	Upper
73	100		
57	24.2	18.6	27.8



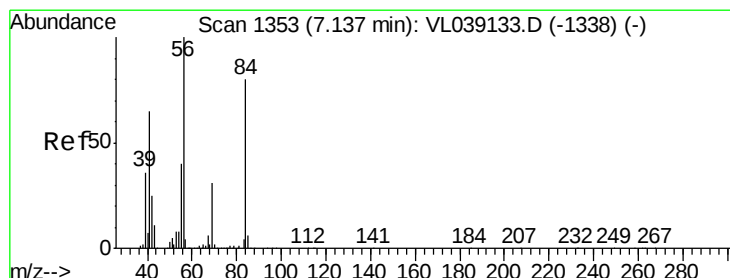
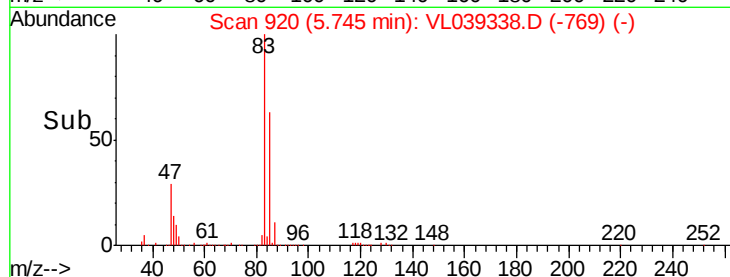
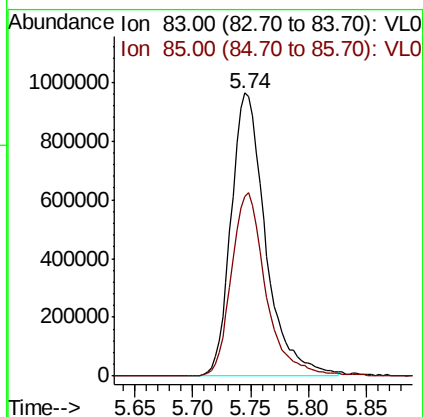
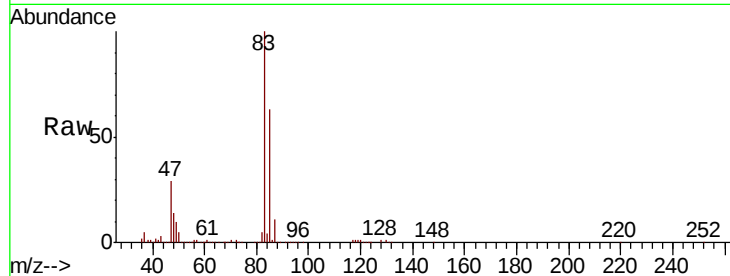
Abundance Ion 73.10 (72.80 to 73.80): VL0
Ion 57.10 (56.80 to 57.80): VL0





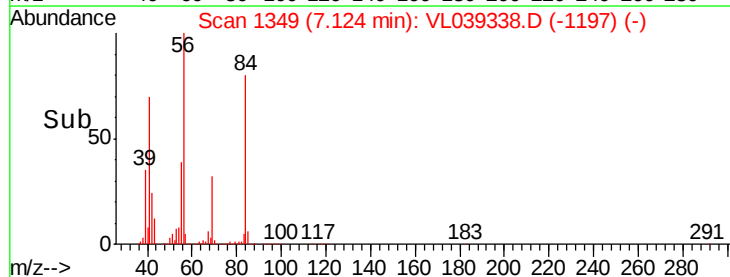
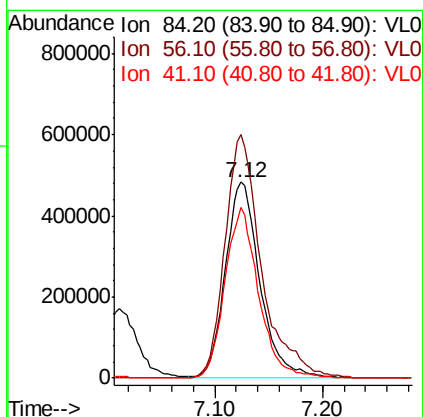
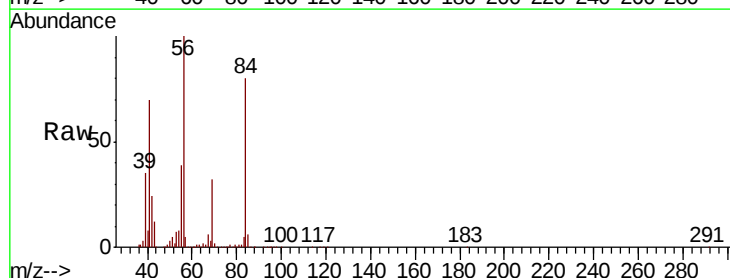
#29
Chloroform
Concen: 9.346 ppbv
RT: 5.74
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Jun 2022 12:17

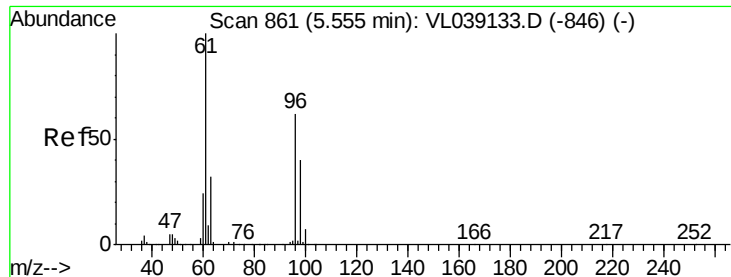
Tot Ion: 83 Resp: 1992823
Ion Ratio Lower Upper
83 100
85 63.1 52.4 78.6



#30
Cyclohexane
Concen: 10.033 ppbv
RT: 7.12 min Scan# 1349
Delta R.T. -0.01 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

Tgt Ion: 84 Resp: 1068025
Ion Ratio Lower Upper
84 100
56 133.0 110.6 165.8
41 85.5 68.9 103.3





#31

cis-1,2-Dichloroethene

Concen: 9.377 ppbv

RT: 5.54 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Jun 2022 12:17 VL0624ABS01

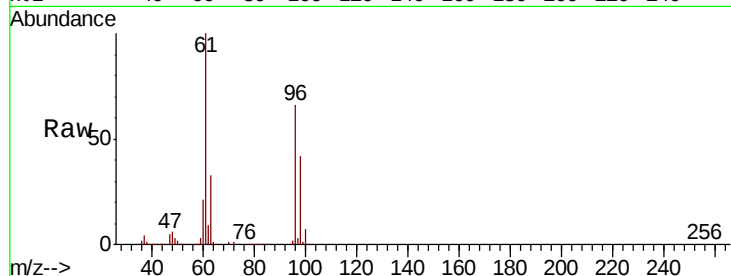
Tot Ion: 61 Resp: 1211599

Ion Ratio Lower Upper

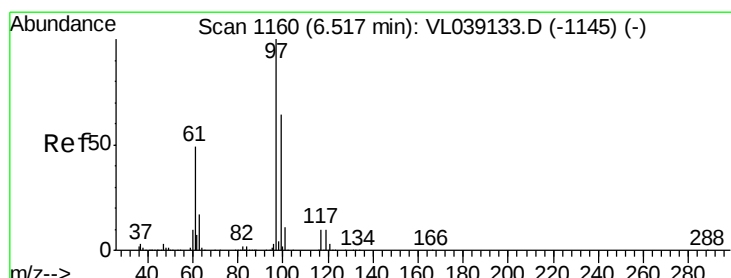
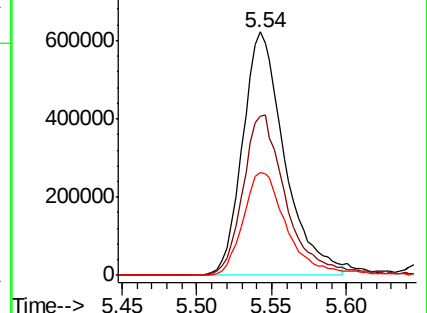
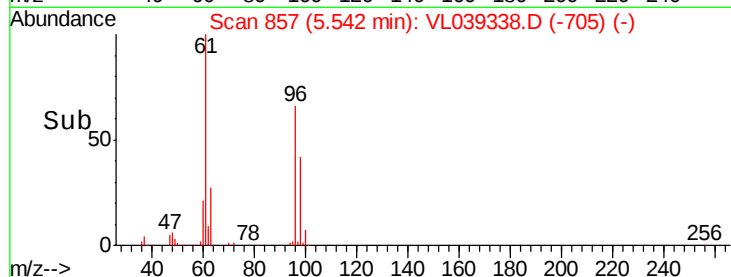
61 100

96 65.5 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: 9.681 ppbv

RT: 6.50 min Scan# 1156

Delta R.T. -0.01 min

Lab File: VL039338.D

Acq: 24 Jun 2022 12:17

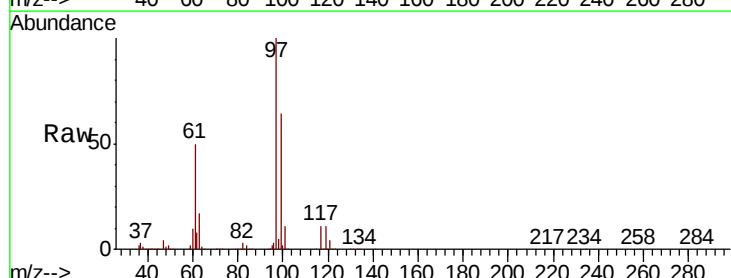
Tgt Ion: 97 Resp: 2020000

Ion Ratio Lower Upper

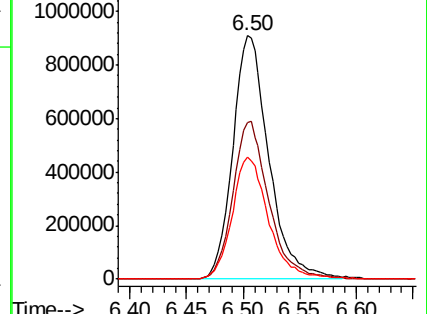
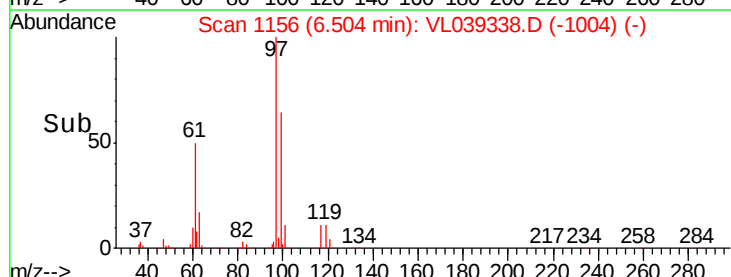
97 100

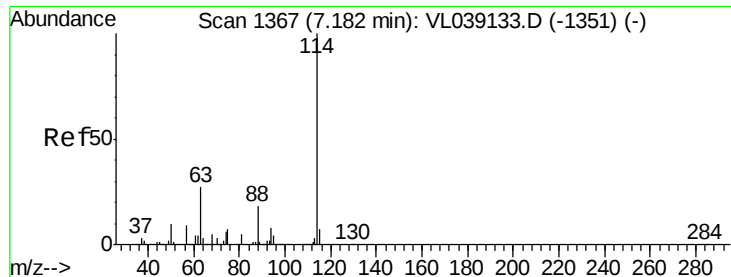
99 64.6 52.1 78.1

61 50.9 40.0 60.0



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

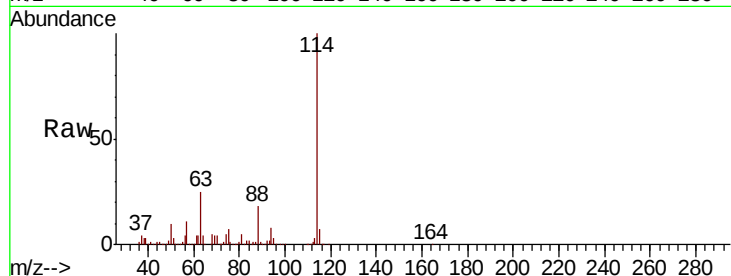




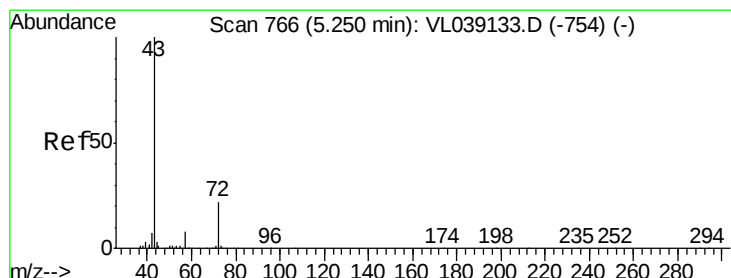
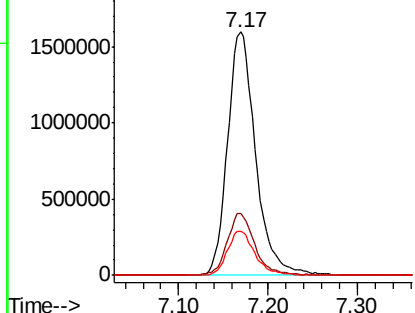
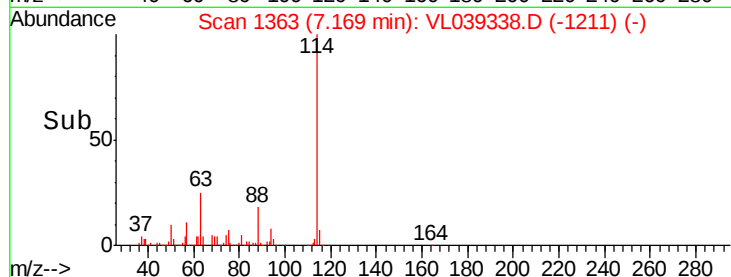
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0624ABS01
 Acq: 24 Jun 2022 12:17

Tot Ion:114 Resp: 3479356

Ion	Ratio	Lower	Upper
114	100		
63	25.0	21.7	32.5
88	18.1	14.8	22.2



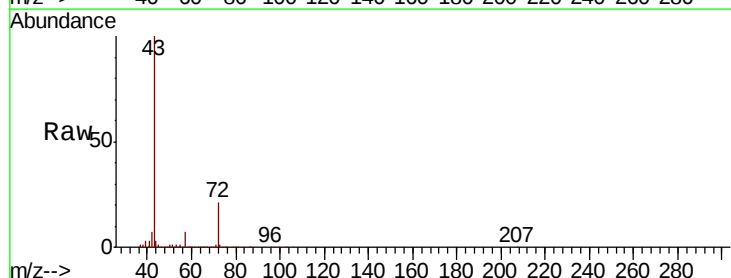
Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0



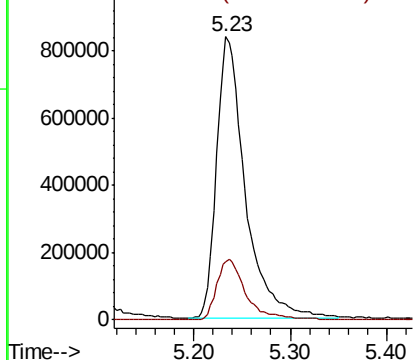
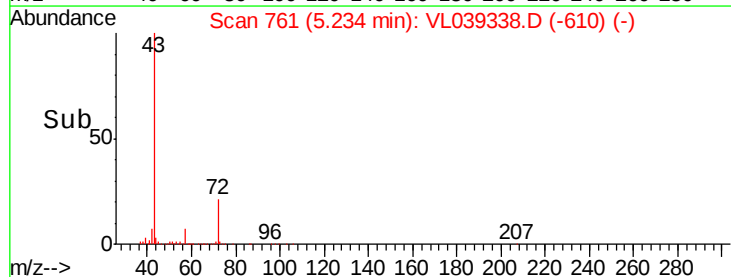
#34
 2-Butanone
 Concen: 9.173 ppbv
 RT: 5.23 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: VL039338.D
 Acq: 24 Jun 2022 12:17

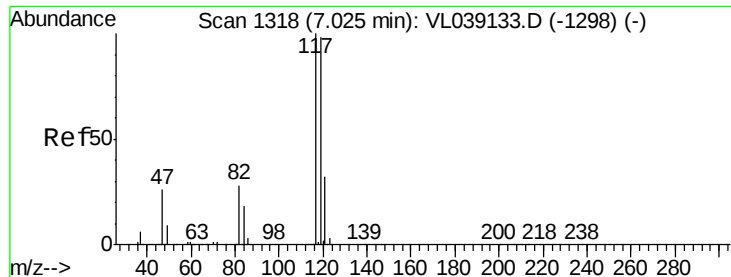
Tgt Ion: 43 Resp: 1733966

Ion	Ratio	Lower	Upper
43	100		
72	22.0	18.2	27.2



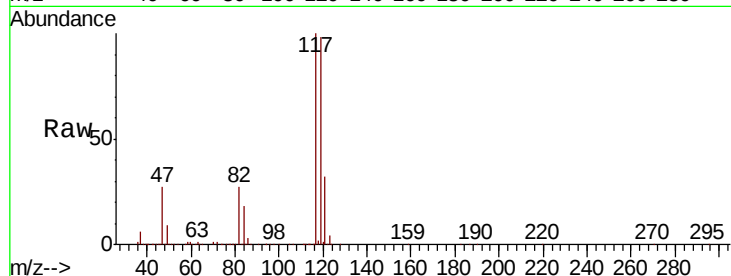
Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0



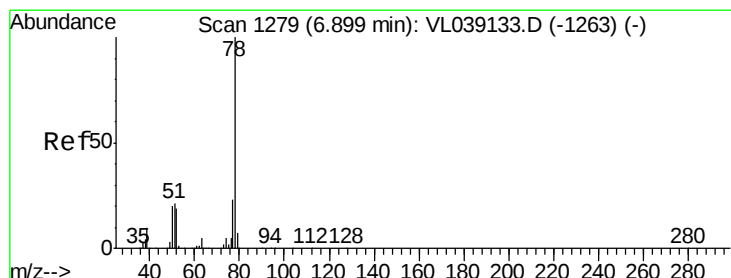
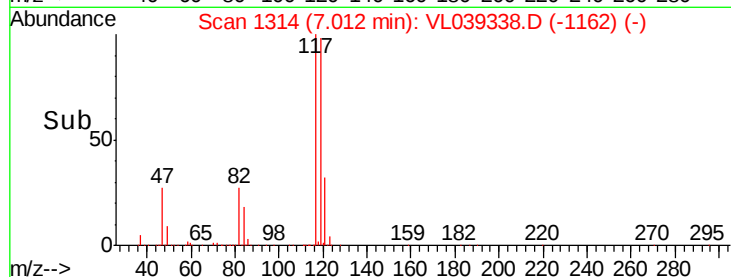
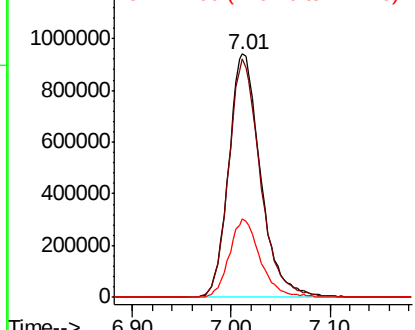


#35
Carbon Tetrachloride
Concen: 8.351 ppbv
RT: 7.01
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId : VL0624ABS01
Acq: 24 Jun 2022 12:17

Tot Ion:117 Resp: 2120749
Ion Ratio Lower Upper
117 100
119 98.0 78.6 118.0
121 32.2 25.4 38.0

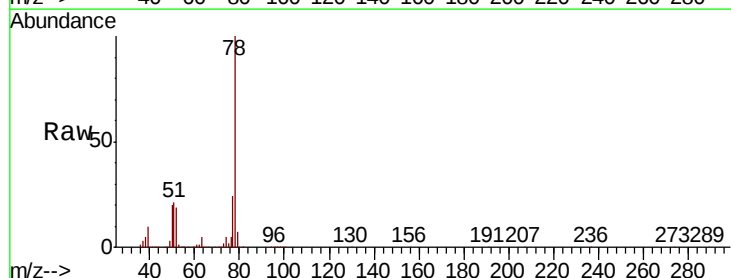


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

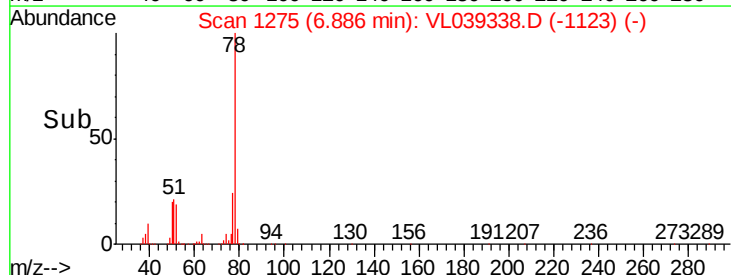
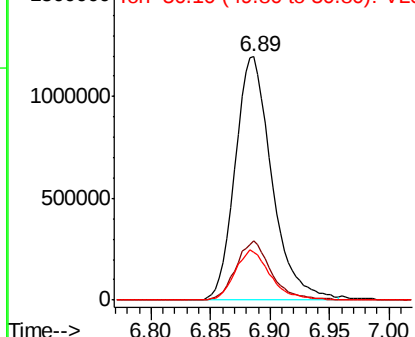


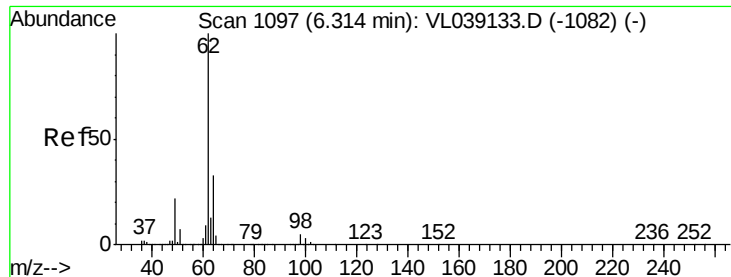
#36
Benzene
Concen: 9.064 ppbv
RT: 6.89 min Scan# 1275
Delta R.T. -0.01 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

Tgt Ion: 78 Resp: 2560354
Ion Ratio Lower Upper
78 100
77 24.2 18.6 27.8
50 19.5 15.8 23.8



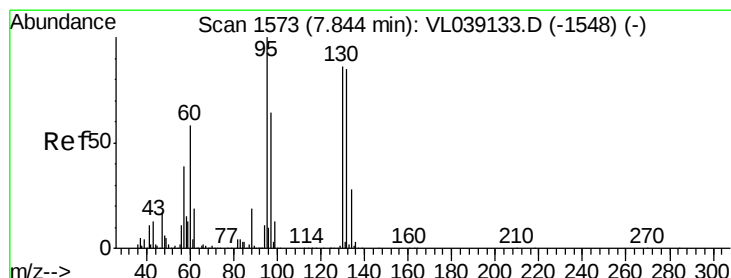
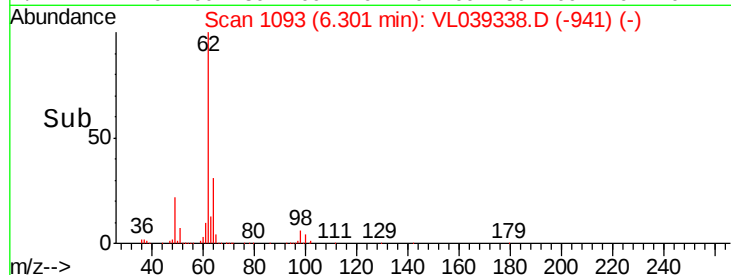
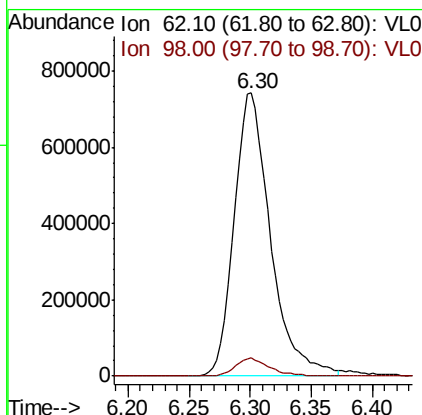
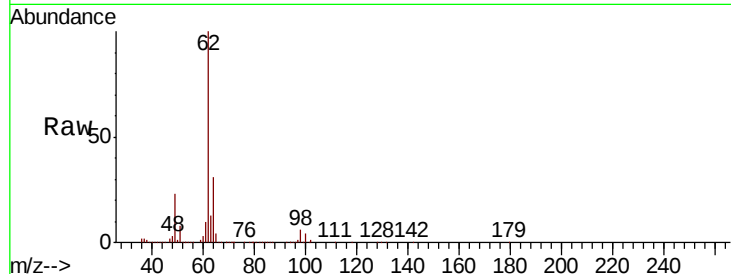
Abundance Ion 78.10 (77.80 to 78.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0





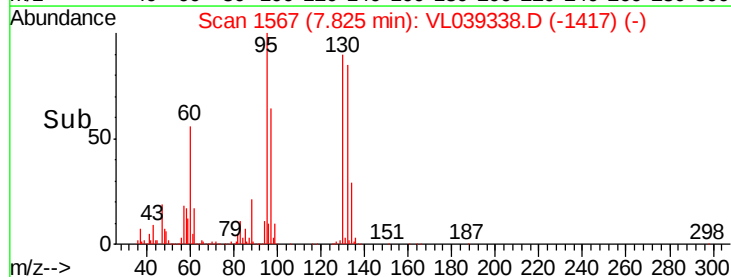
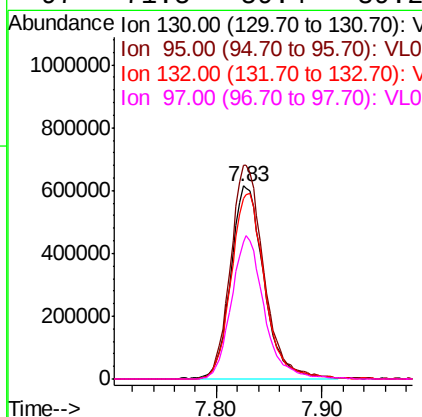
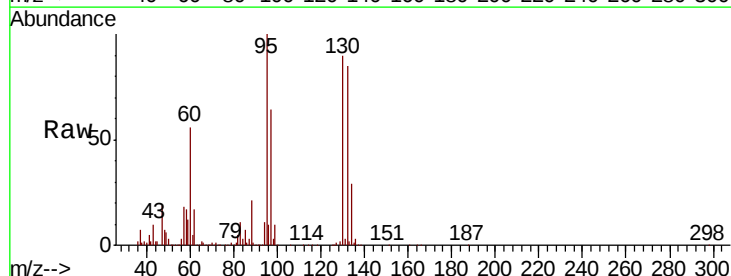
#37
 1,2-Dichloroethane
 Concen: 8.257 ppbv
 RT: 6.30
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0624ABS01
 Acq: 24 Jun 2022 12:17

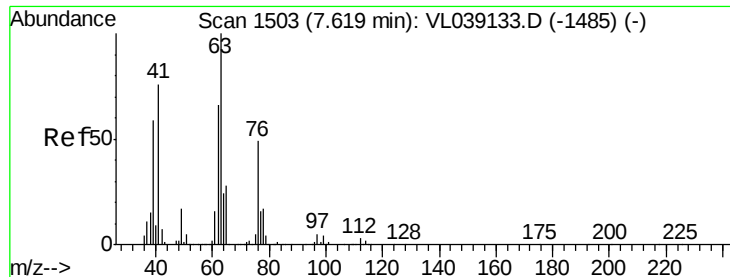
Tot Ion: 62 Resp: 1534961
 Ion Ratio Lower Upper
 62 100
 98 6.3 4.3 6.5



#38
 Trichloroethene
 Concen: 10.231 ppbv
 RT: 7.83 min Scan# 1567
 Delta R.T. -0.02 min
 Lab File: VL039338.D
 Acq: 24 Jun 2022 12:17

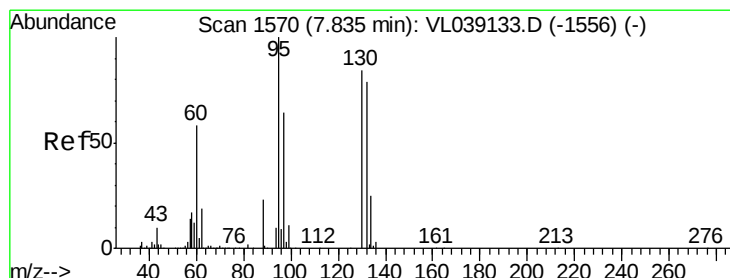
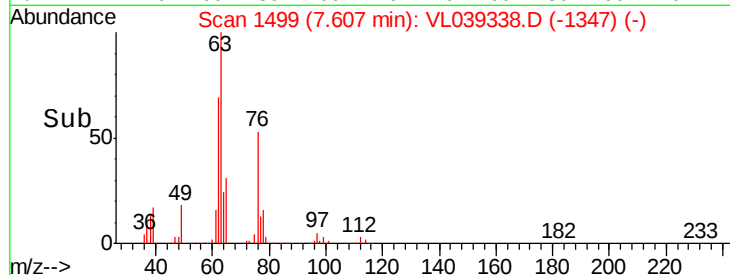
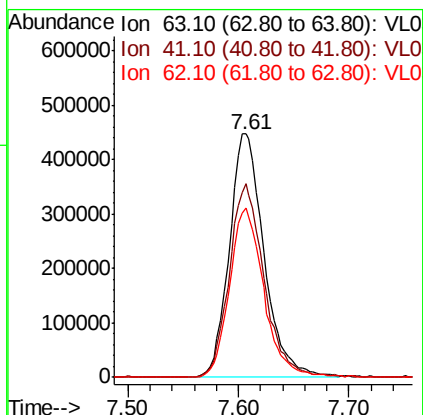
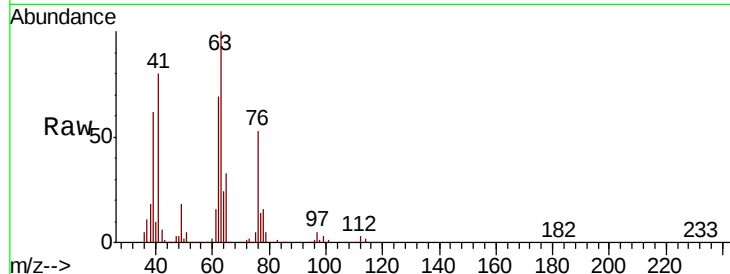
Tgt Ion: 130 Resp: 1327465
 Ion Ratio Lower Upper
 130 100
 95 110.9 93.3 139.9
 132 93.9 79.0 118.4
 97 71.5 59.4 89.2





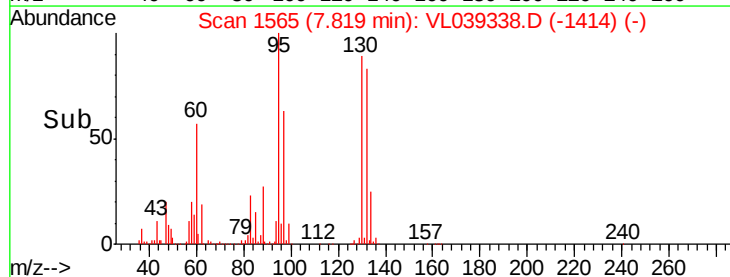
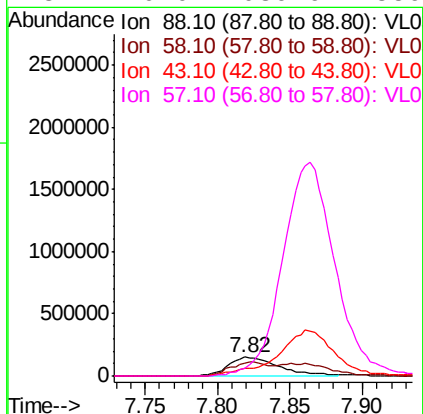
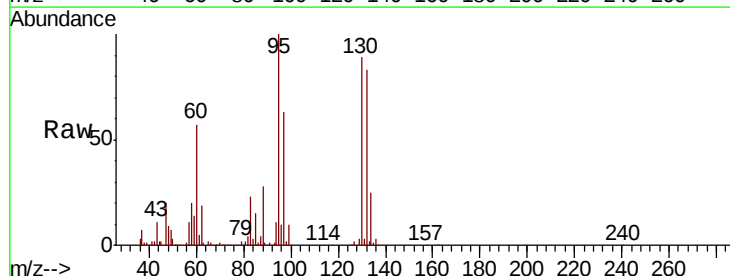
#39
 1,2-Dichloropropane
 Concen: 8.656 ppbv
 RT: 7.61 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0624ABS01
 Acq: 24 Jun 2022 12:17

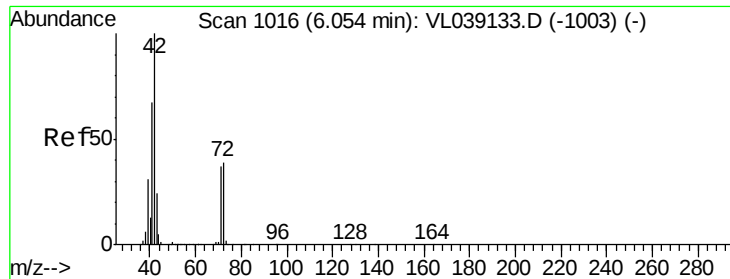
Tot Ion:	63	Resp:	972581
Ion	Ratio	Lower	Upper
63	100		
41	79.6	60.8	91.2
62	69.4	52.9	79.3



#40
 1,4-Dioxane
 Concen: 9.670 ppbv
 RT: 7.82 min Scan# 1565
 Delta R.T. -0.02 min
 Lab File: VL039338.D
 Acq: 24 Jun 2022 12:17

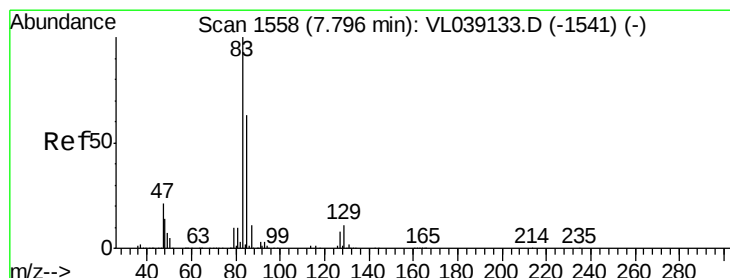
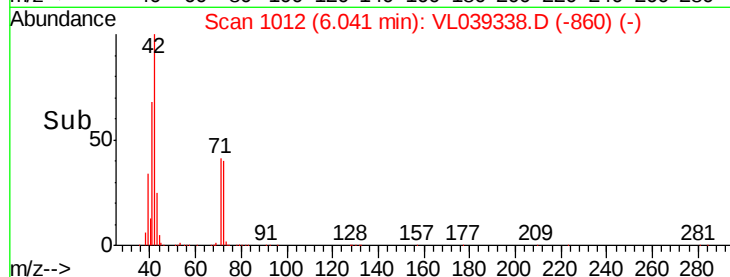
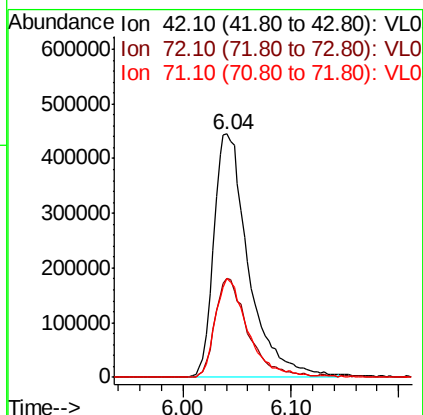
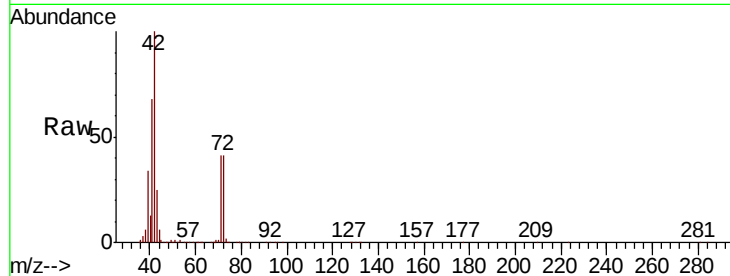
Tgt Ion:	88	Resp:	357687
Ion	Ratio	Lower	Upper
88	100		
58	63.1	111.2	166.8#
43	0.0	234.2	351.4#
57	0.0	1039.9	1559.9#





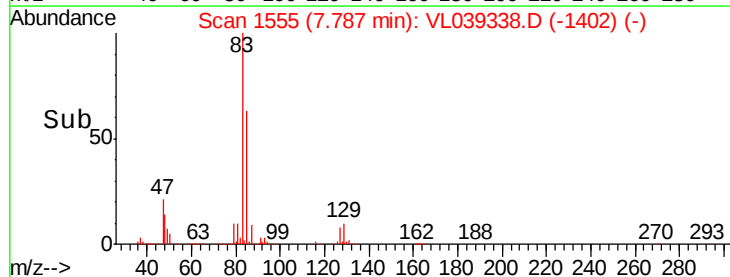
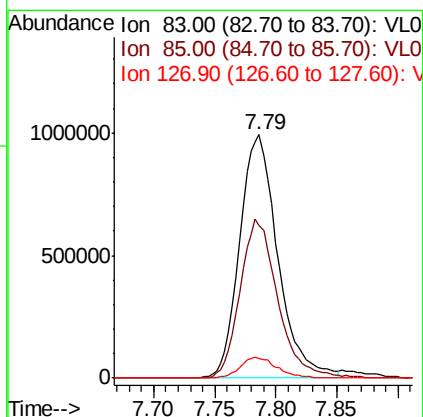
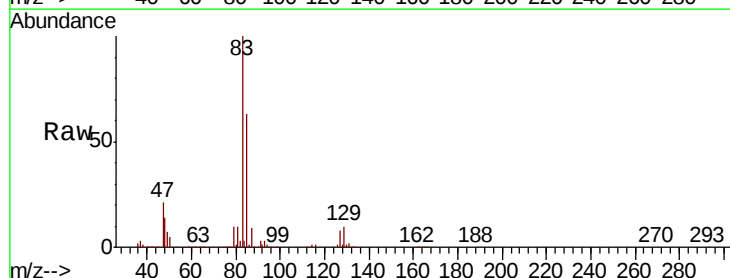
#41
Tetrahydrofuran
Concen: 8.729 ppbv
RT: 6.04
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL0624ABS01
Acq: 24 Jun 2022 12:17

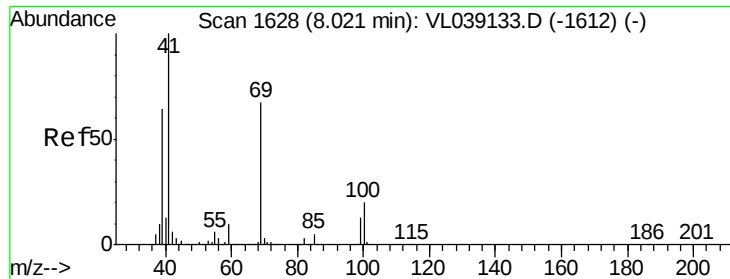
Tot Ion	Ratio	Lower	Upper
42	100		
72	39.9	32.0	48.0
71	39.1	31.1	46.7



#42
Bromodichloromethane
Concen: 8.319 ppbv
RT: 7.79 min Scan# 1555
Delta R.T. -0.01 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.2	75.4
127	8.2	6.6	9.8





#43

Methyl Methacrylate

Concen: 9.456 ppbv

RT: 8.01

Instrument: MSVOA_1

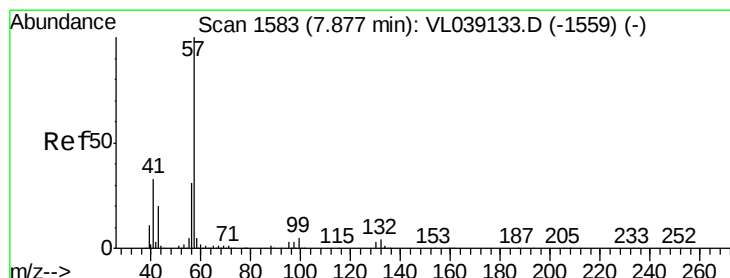
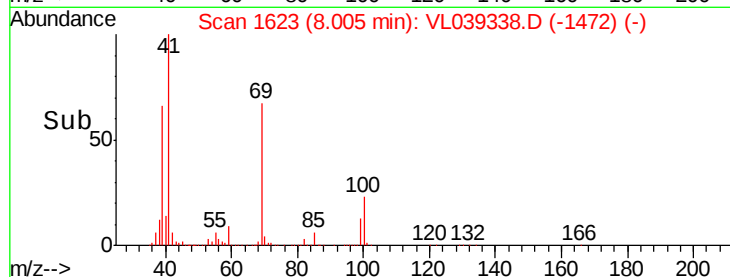
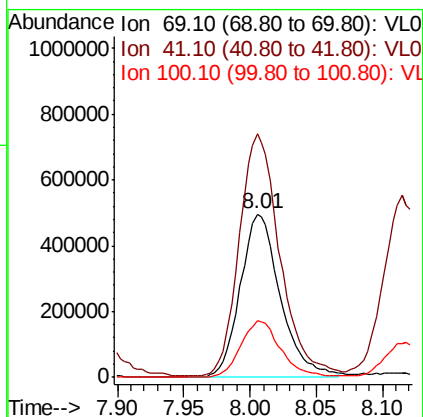
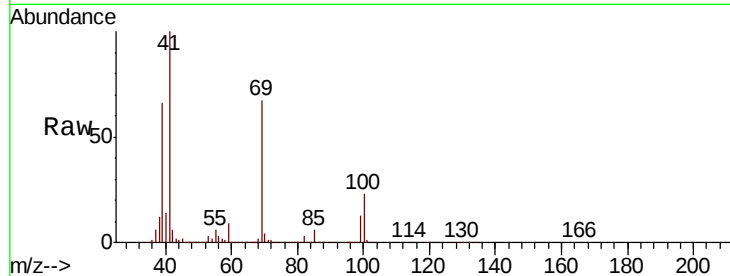
Delta R.T. ClientSampleId:

Lab File: VL0624ABS01

Acq: 24 Jun 2022 12:17

Tot Ion: 69 Resp: 1040400

Ion	Ratio	Lower	Upper
69	100		
41	152.2	121.9	182.9
100	34.7	24.1	36.1



#44

2,2,4-Trimethylpentane

Concen: 8.743 ppbv

RT: 7.86 min Scan# 1579

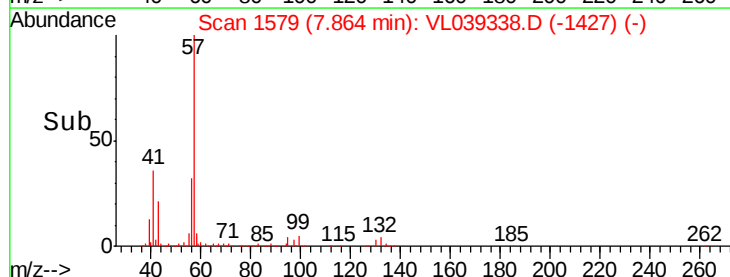
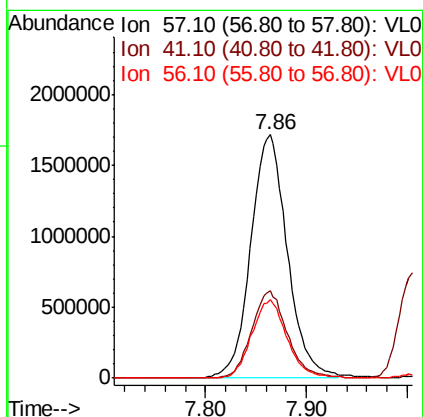
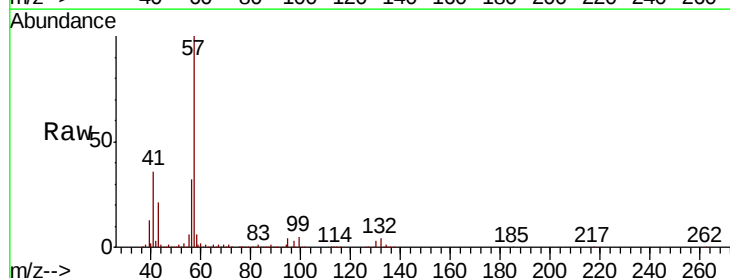
Delta R.T. -0.01 min

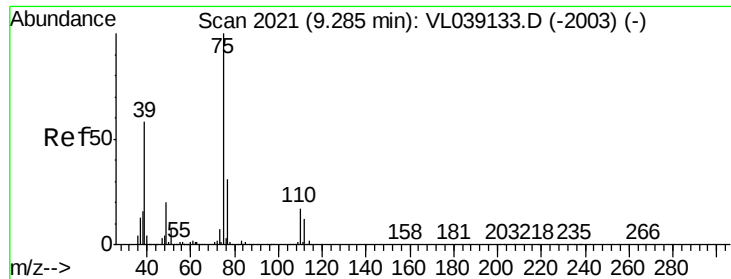
Lab File: VL039338.D

Acq: 24 Jun 2022 12:17

Tgt Ion: 57 Resp: 4320409

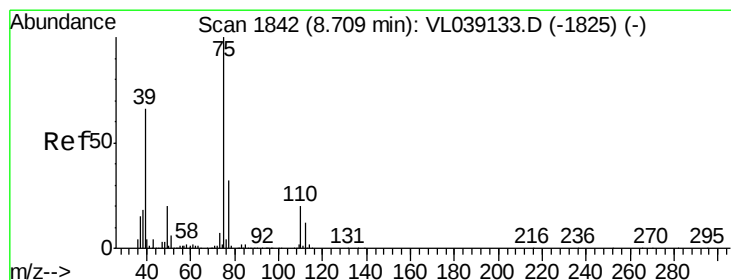
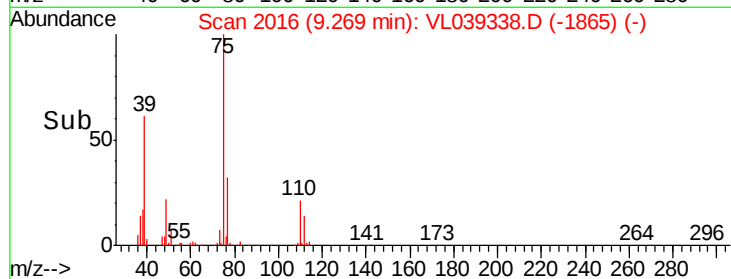
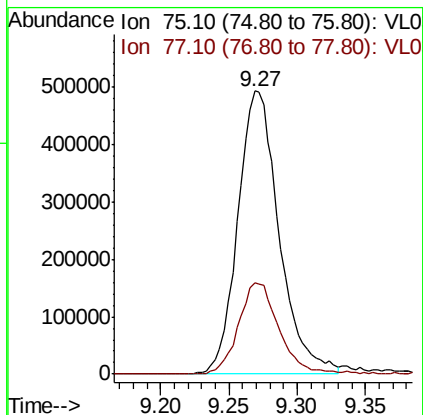
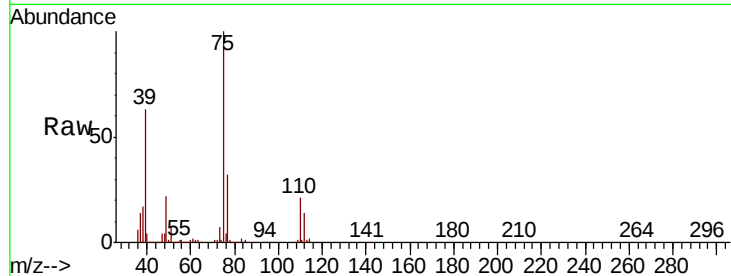
Ion	Ratio	Lower	Upper
57	100		
41	35.0	26.2	39.4
56	31.0	24.7	37.1





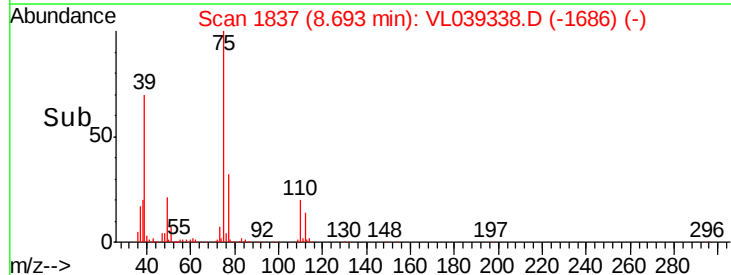
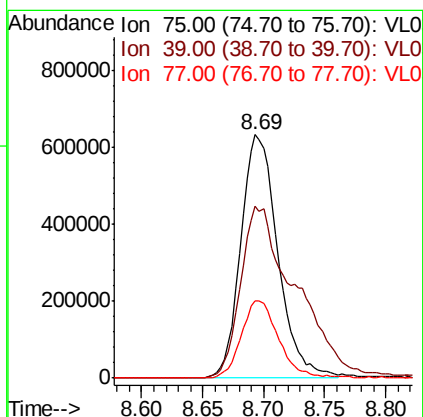
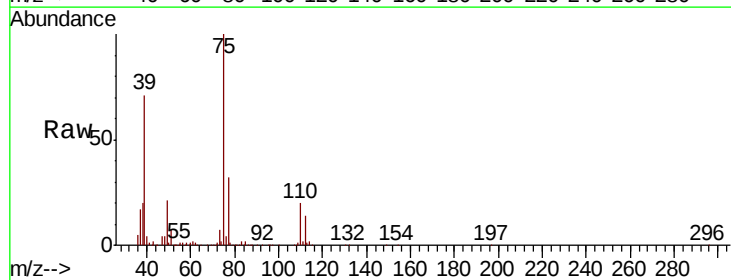
#45
t-1,3-Dichloropropene
Concen: 9.014 ppbv
RT: 9.27
Instrument: MSVOA_1
Delta R.T.:
ClientSampleId:
Lab File: VL0624ABS01
Acq: 24 Jun 2022 12:17

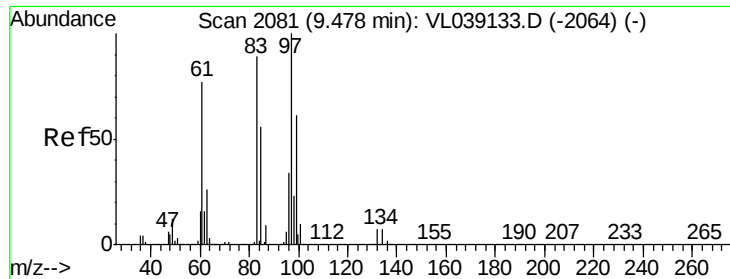
Tot Ion: 75 Resp: 1032892
Ion Ratio Lower Upper
75 100
77 32.5 24.4 36.6



#46
cis-1,3-Dichloropropene
Concen: 8.765 ppbv
RT: 8.69 min Scan# 1837
Delta R.T. -0.02 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

Tgt Ion: 75 Resp: 1326770
Ion Ratio Lower Upper
75 100
39 70.6 52.4 78.6
77 31.6 25.5 38.3





#47

1,1,2-Trichloroethane

Concen: 9.142 ppbv

RT: 9.47 Instrument:

Delta R.T. MSVOA_L

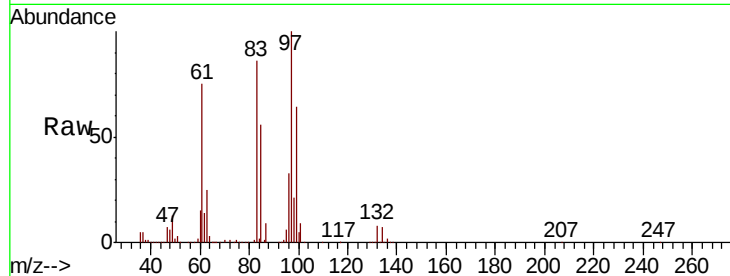
Lab File: ClientSampleId:

VL0624ABS01

Acq: 24 Jun 2022 12:17

Tot Ion: 97 Resp: 1071565

Ion	Ratio	Lower	Upper
97	100		
83	85.5	71.6	107.4
85	55.9	44.8	67.2
99	63.5	49.0	73.4

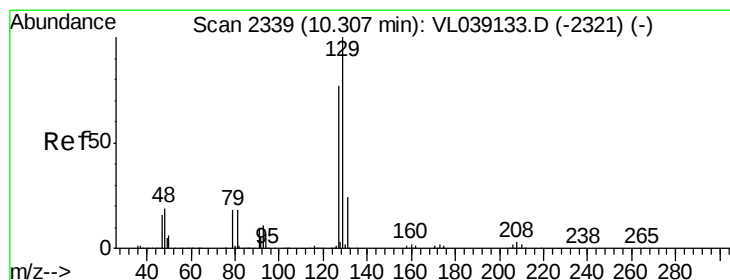
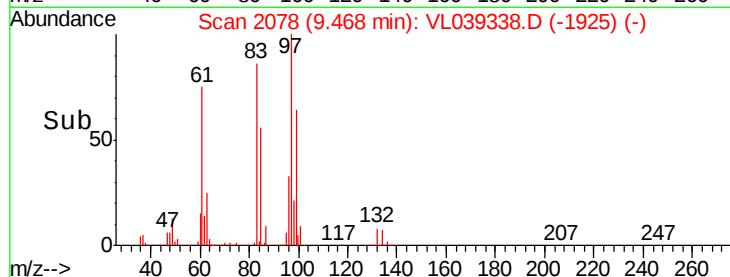
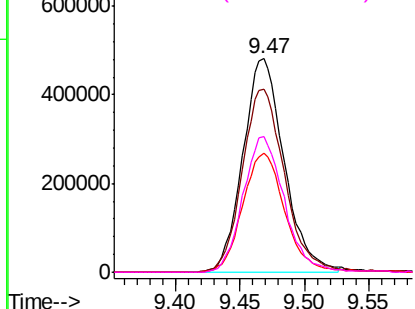


Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 99.00 (98.70 to 99.70): VL0



#48

Dibromochloromethane

Concen: 9.126 ppbv

RT: 10.30 min Scan# 2336

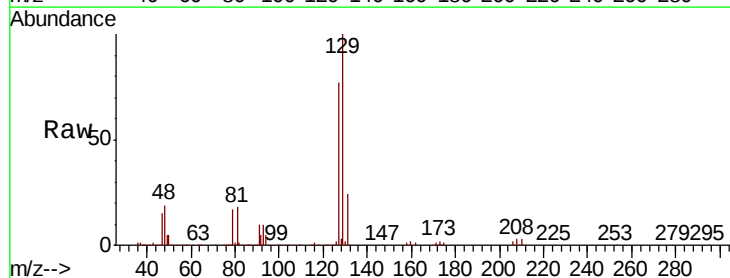
Delta R.T. -0.01 min

Lab File: VL039338.D

Acq: 24 Jun 2022 12:17

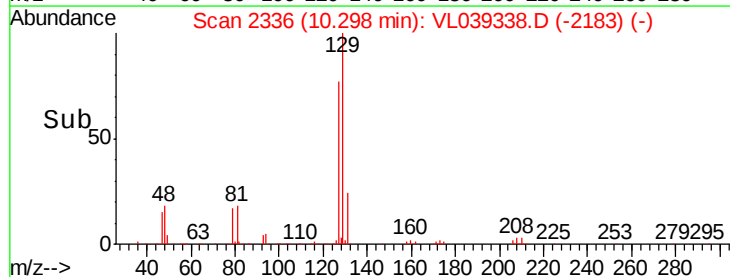
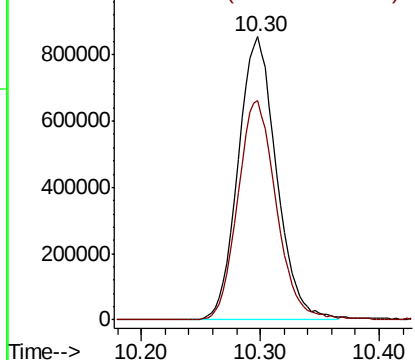
Tgt Ion: 129 Resp: 1910143

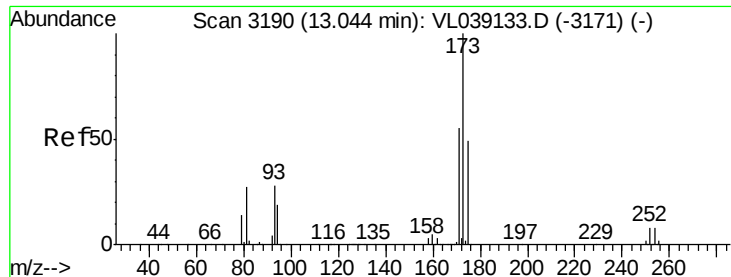
Ion	Ratio	Lower	Upper
129	100		
127	78.6	40.0	119.9



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 8.995 ppbv

RT: 13.03

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Jun 2022 12:17

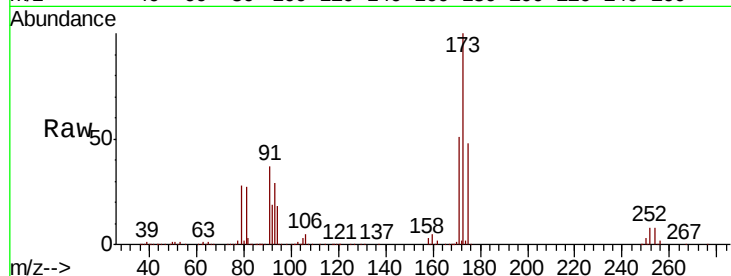
Tot Ion:173 Resp: 1568868

Ion Ratio Lower Upper

173 100

175 49.9 40.2 60.2

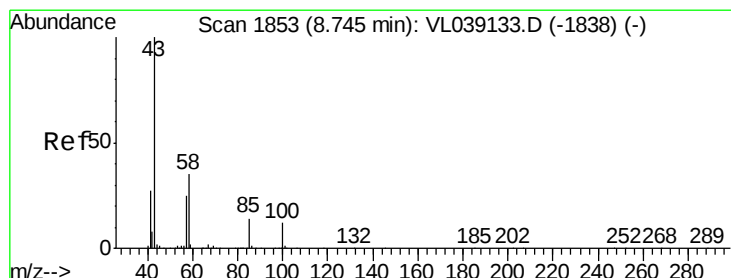
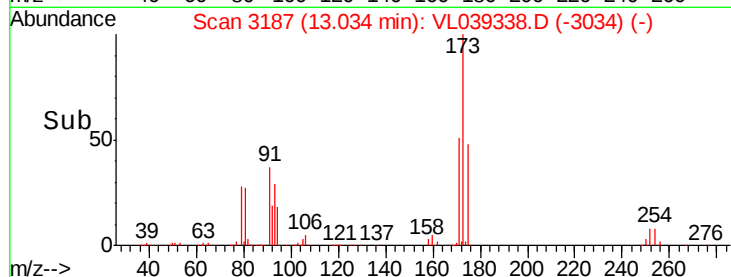
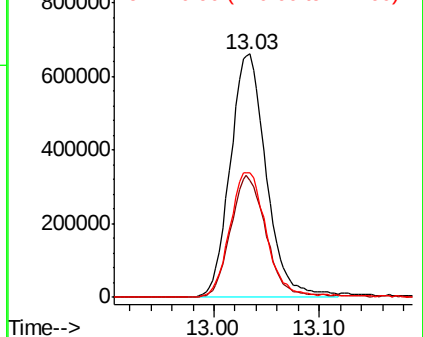
171 53.1 43.9 65.9



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: 9.398 ppbv

RT: 8.73 min Scan# 1849

Delta R.T. -0.01 min

Lab File: VL039338.D

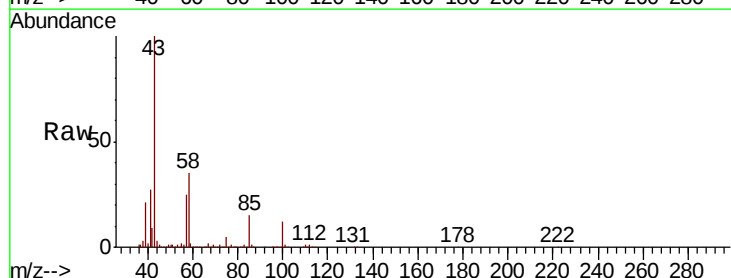
Acq: 24 Jun 2022 12:17

Tgt Ion: 43 Resp: 2659200

Ion Ratio Lower Upper

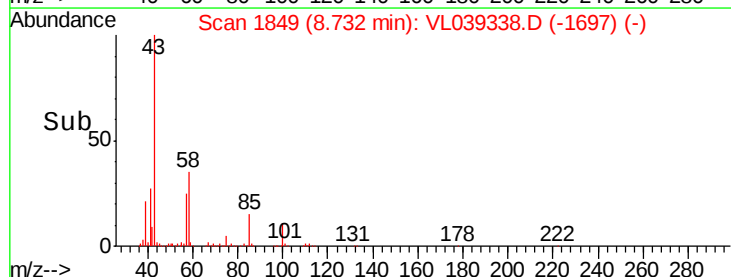
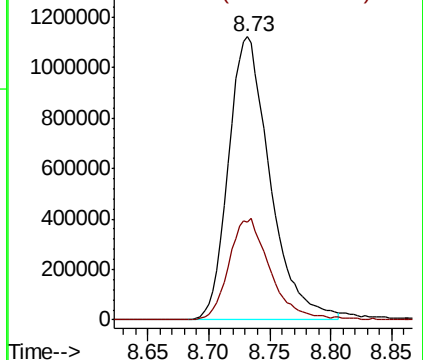
43 100

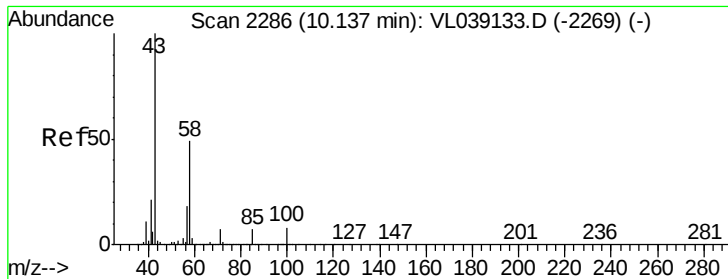
58 35.8 28.7 43.1



Abundance Ion 43.10 (42.80 to 43.80): VL0

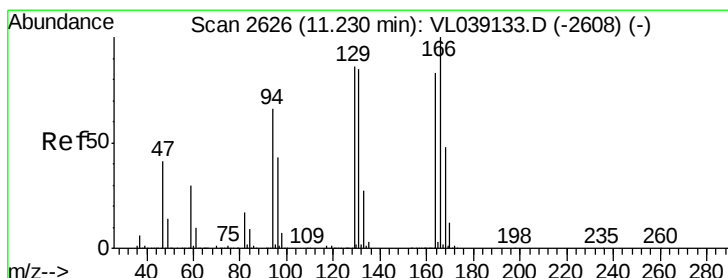
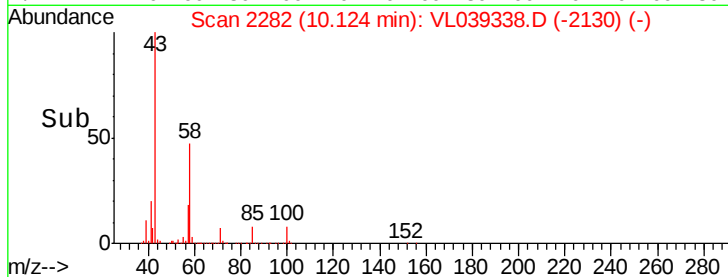
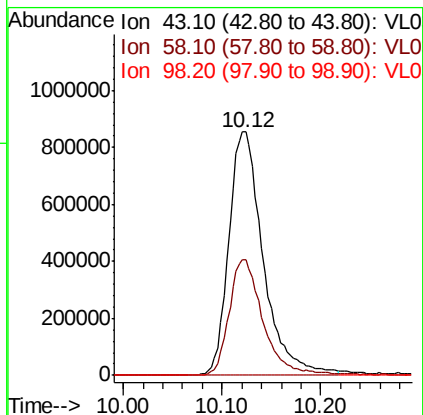
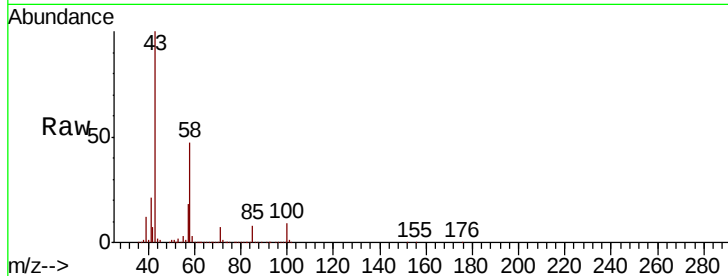
Ion 58.10 (57.80 to 58.80): VL0





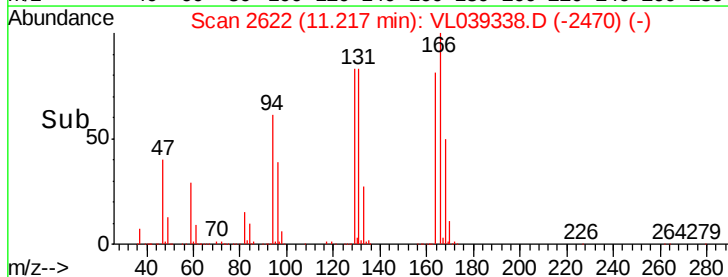
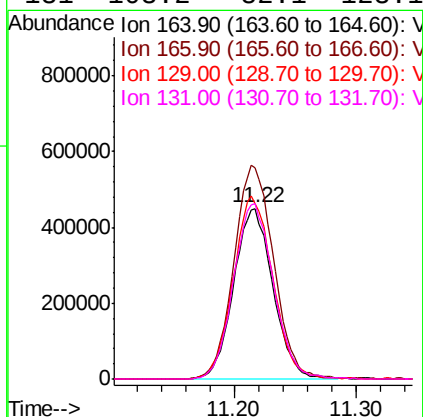
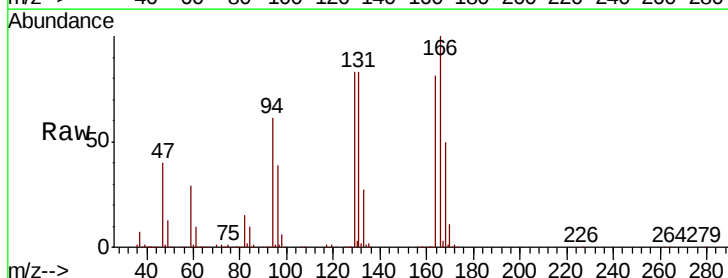
#51
2-Hexanone
Concen: 9.451 ppbv
RT: 10.12
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Jun 2022 12:17

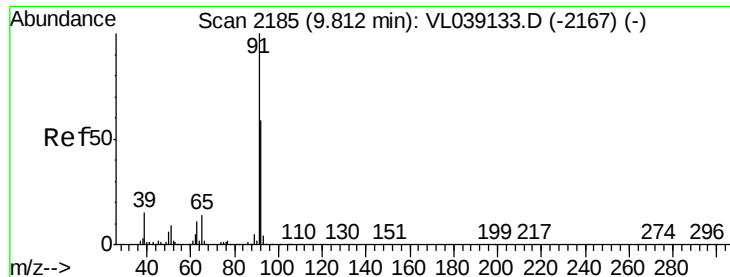
Tot Ion: 43 Resp: 2080706
Ion Ratio Lower Upper
43 100
58 47.1 40.0 60.0
98 0.3 0.1 0.1#



#52
Tetrachloroethene
Concen: 8.974 ppbv
RT: 11.22 min Scan# 2622
Delta R.T. -0.01 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

Tgt Ion:164 Resp: 989724
Ion Ratio Lower Upper
164 100
166 123.9 96.3 144.5
129 102.5 82.5 123.7
131 103.2 82.1 123.1





#53

Toluene

Concen: 9.591 ppbv

RT: 9.80 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

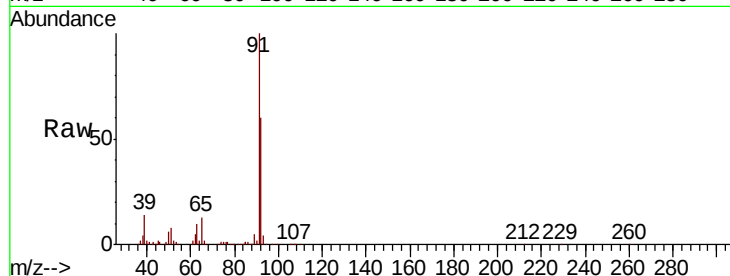
Acq: 24 Jun 2022 12:17 VL0624ABS01

Tot Ion: 91 Resp: 3119680

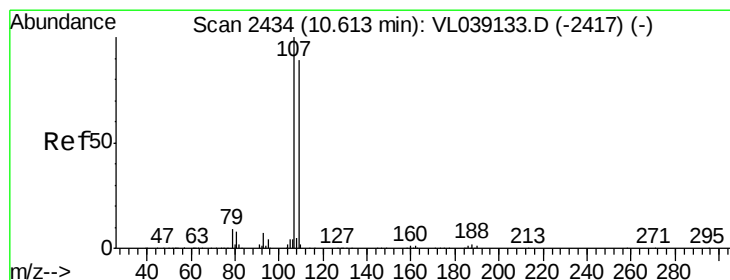
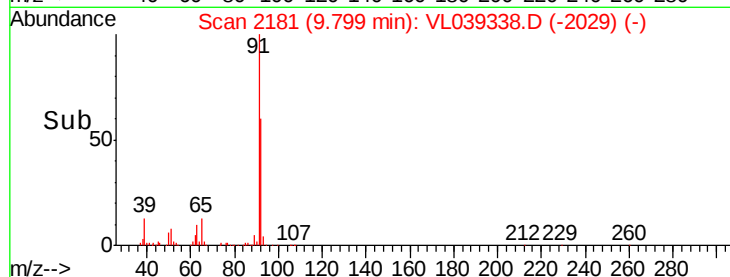
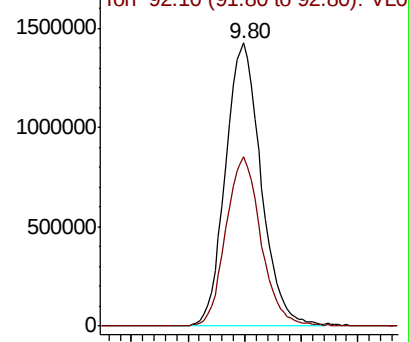
Ion Ratio Lower Upper

91 100

92 59.4 48.1 72.1



Abundance Ion 91.10 (90.80 to 91.80): VL0



#54

1,2-Dibromoethane

Concen: 9.275 ppbv

RT: 10.60 min Scan# 2430

Delta R.T. -0.01 min

Lab File: VL039338.D

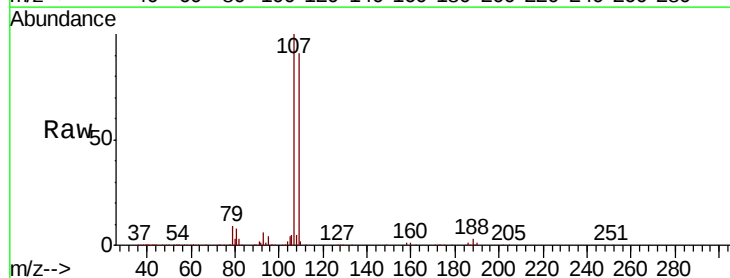
Acq: 24 Jun 2022 12:17

Tgt Ion: 107 Resp: 1460926

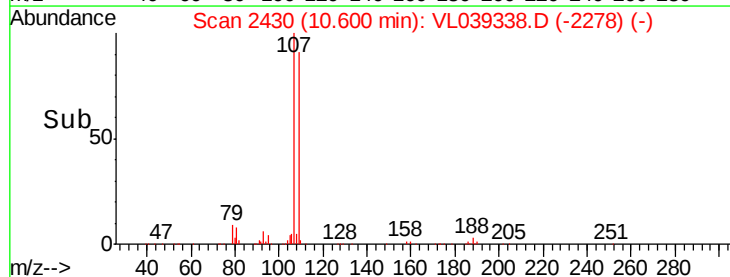
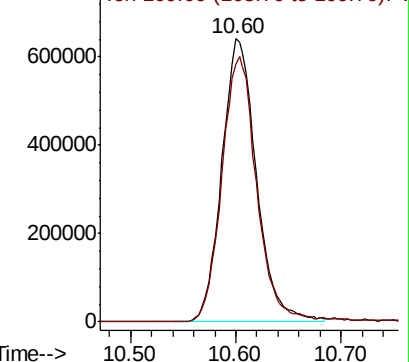
Ion Ratio Lower Upper

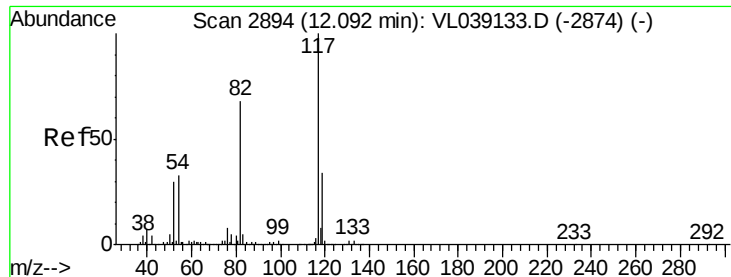
107 100

109 91.2 71.4 107.0



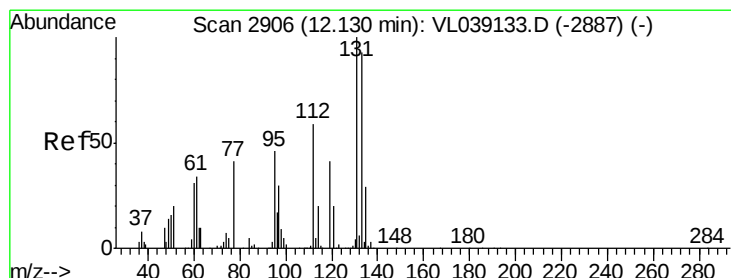
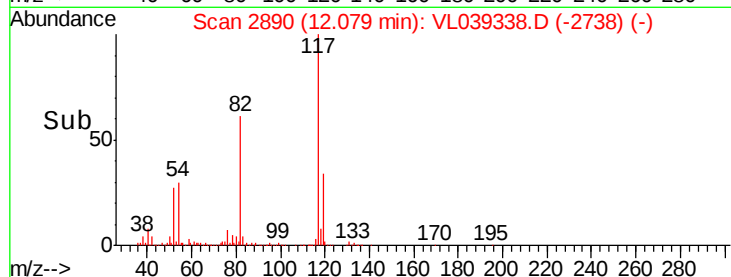
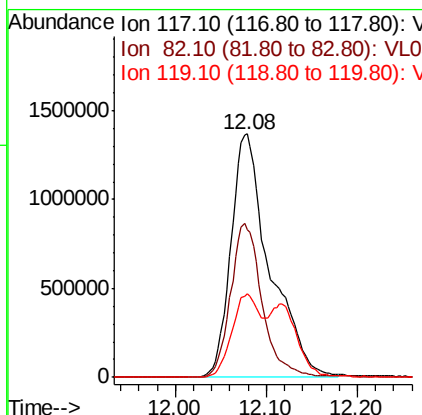
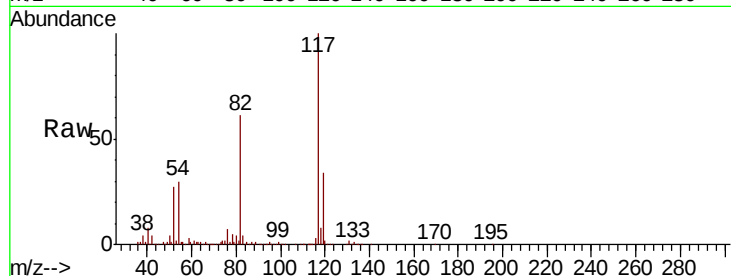
Abundance Ion 107.00 (106.70 to 107.70): V





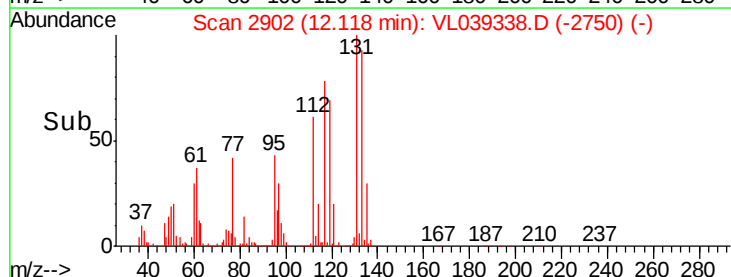
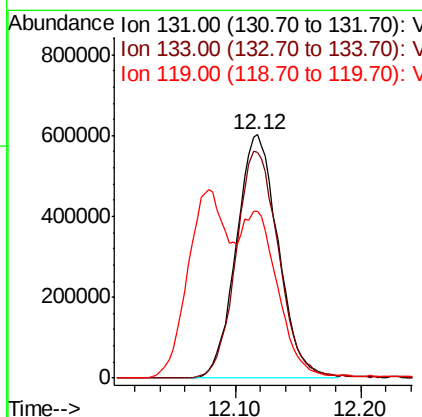
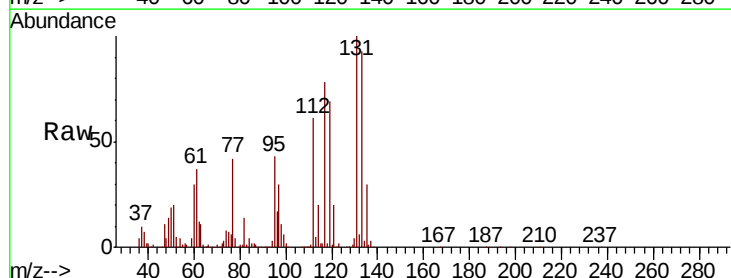
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0624ABS01
Acq: 24 Jun 2022 12:17

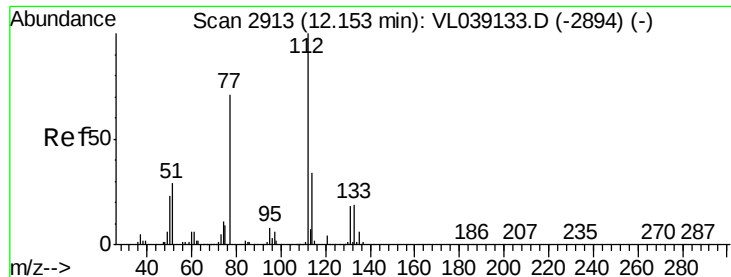
Tot Ion:117 Resp: 4064049
Ion Ratio Lower Upper
117 100
82 51.9 55.1 82.7#
119 27.0 24.7 37.1



#56
1,1,1,2-Tetrachloroethane
Concen: 7.263 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. -0.01 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

Tgt Ion:131 Resp: 1396620
Ion Ratio Lower Upper
131 100
133 95.7 78.6 117.8
119 57.9 51.7 77.5





#57

Chlorobenzene

Concen: 7.679 ppbv

RT: 12.14

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Jun 2022 12:17

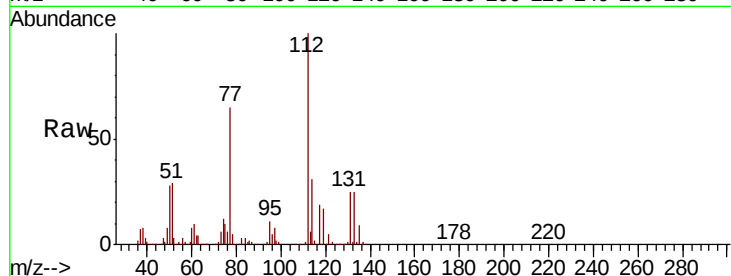
Tot Ion: 112 Resp: 2348294

Ion Ratio Lower Upper

112 100

77 64.3 56.5 84.7

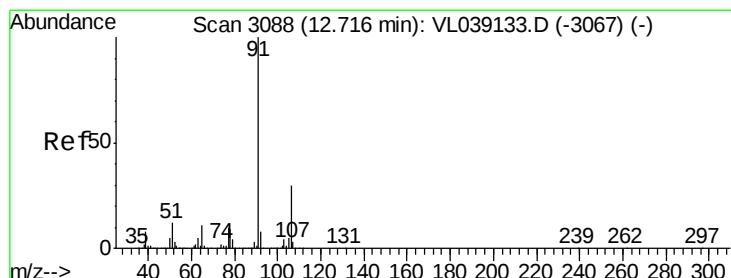
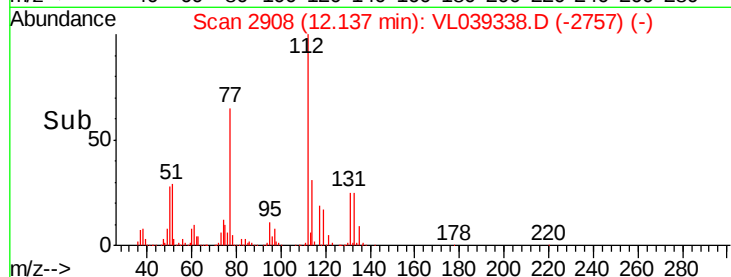
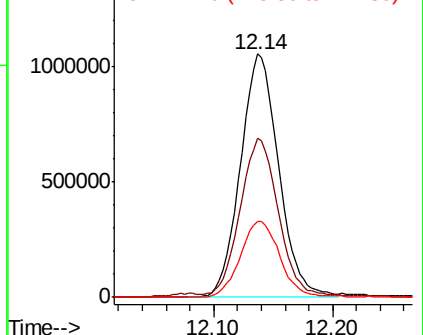
114 31.3 30.3 37.1



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: 7.489 ppbv

RT: 12.70 min Scan# 3084

Delta R.T. -0.01 min

Lab File: VL039338.D

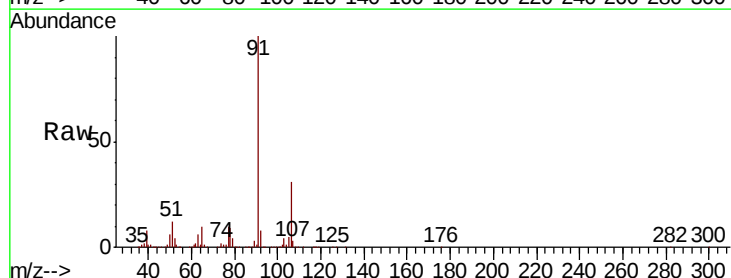
Acq: 24 Jun 2022 12:17

Tgt Ion: 91 Resp: 4192476

Ion Ratio Lower Upper

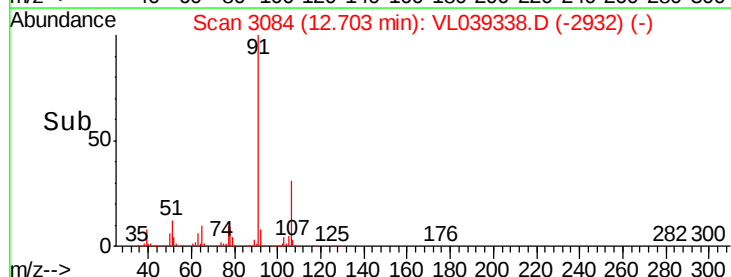
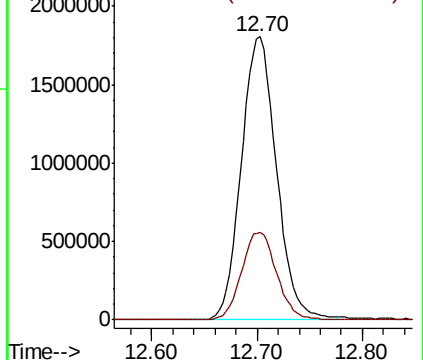
91 100

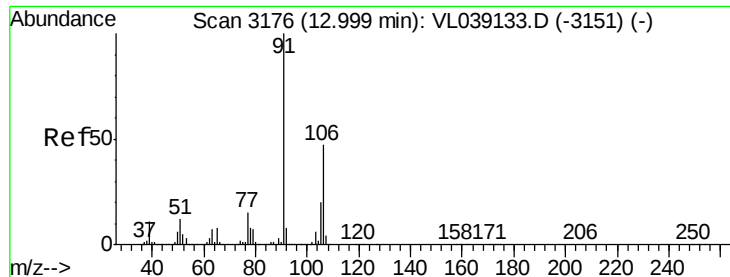
106 30.9 24.2 36.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

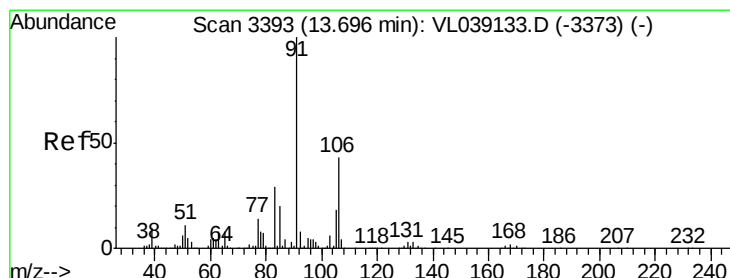
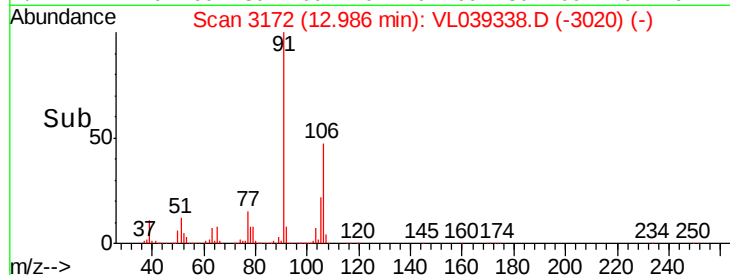
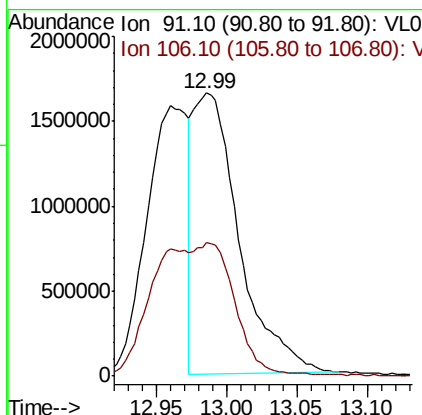
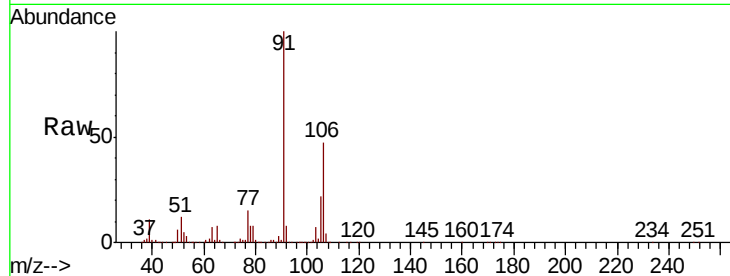
Ion 106.10 (105.80 to 106.80): V





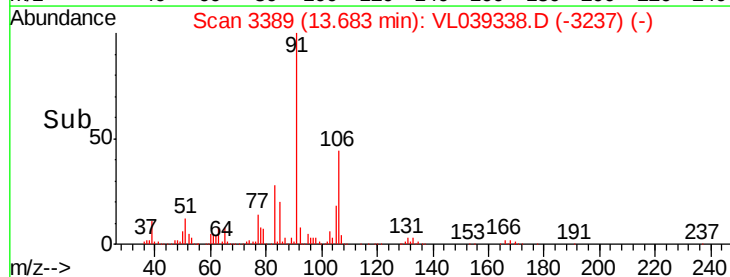
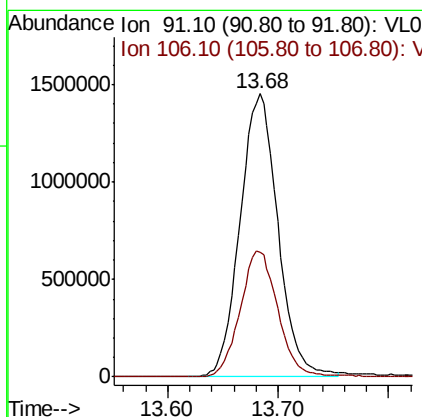
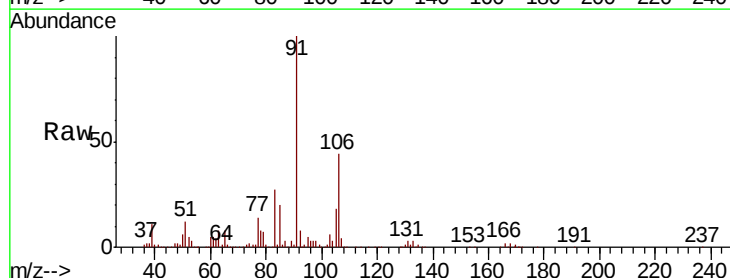
#59
m/p-Xylene
Concen: 7.563 ppbv
RT: 12.99 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0624ABS01
Acq: 24 Jun 2022 12:17

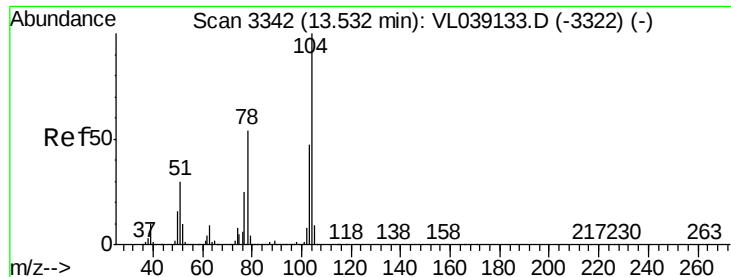
Tot Ion: 91 Resp: 3728302
Ion Ratio Lower Upper
91 100
106 85.7 34.3 51.5#



#60
o-Xylene
Concen: 7.446 ppbv
RT: 13.68 min Scan# 3389
Delta R.T. -0.01 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

Tgt Ion: 91 Resp: 3449395
Ion Ratio Lower Upper
91 100
106 45.0 22.3 66.9





#61

Stvrene

Concen: 8.243 ppbv

RT: 13.52

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Jun 2022 12:17

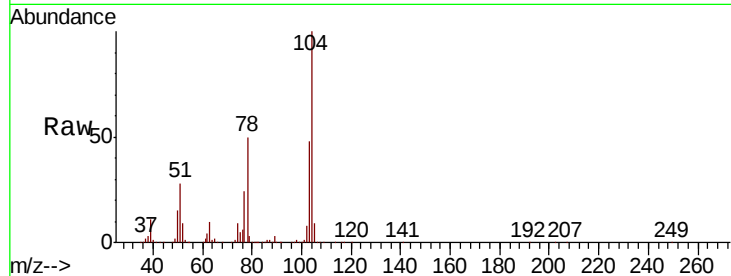
Tot Ion:104 Resp: 2044646

Ion Ratio Lower Upper

104 100

78 51.7 45.7 68.5

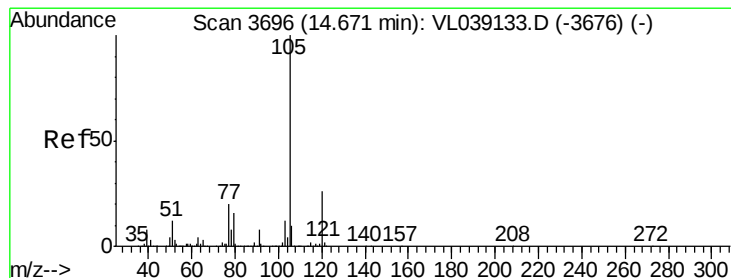
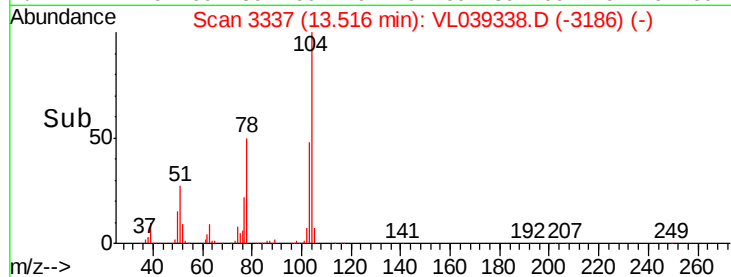
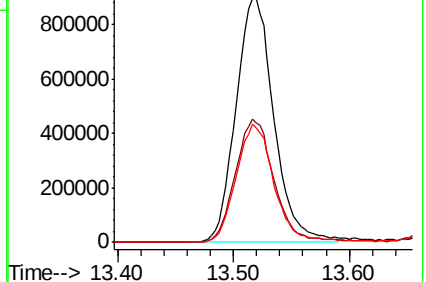
103 48.6 39.6 59.4



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 7.424 ppbv

RT: 14.66 min Scan# 3692

Delta R.T. -0.01 min

Lab File: VL039338.D

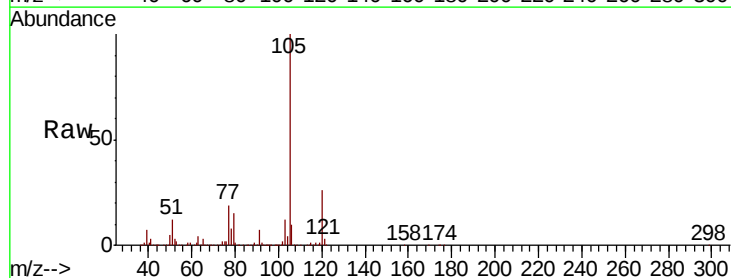
Acq: 24 Jun 2022 12:17

Tgt Ion:105 Resp: 5111377

Ion Ratio Lower Upper

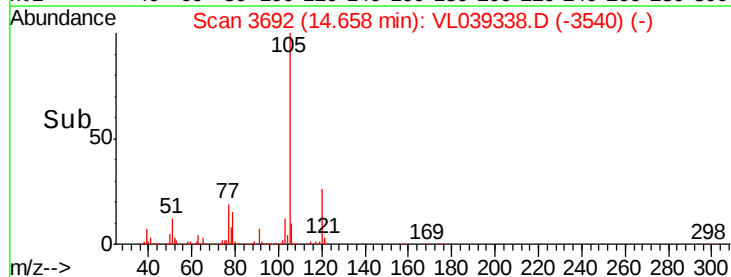
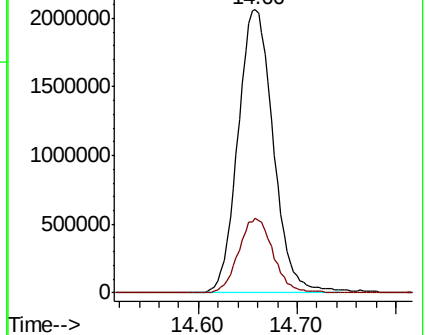
105 100

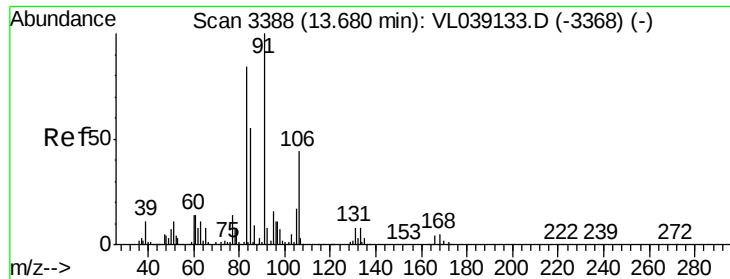
120 26.0 20.3 30.5



Abundance Ion 105.10 (104.80 to 105.80): V

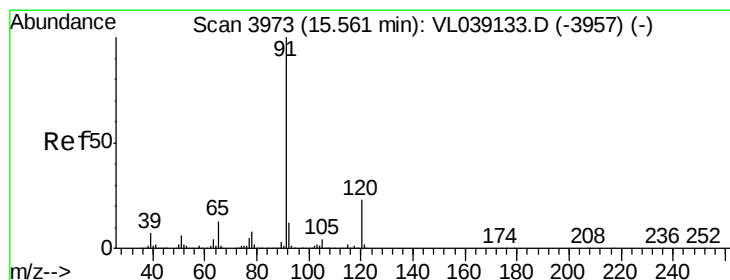
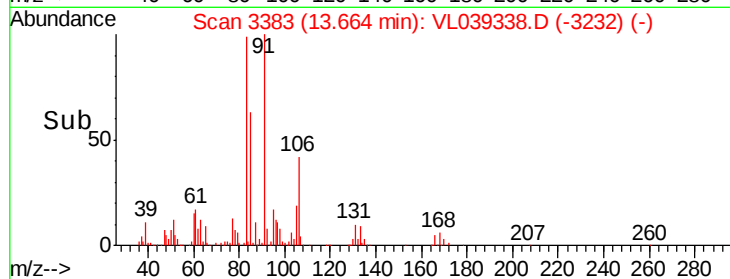
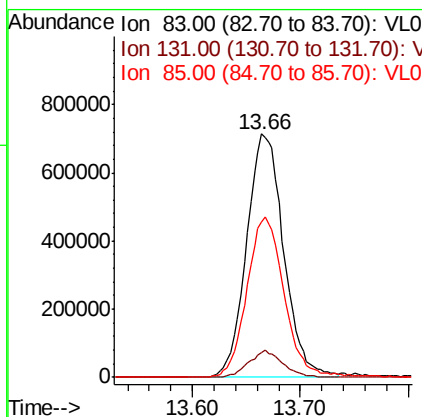
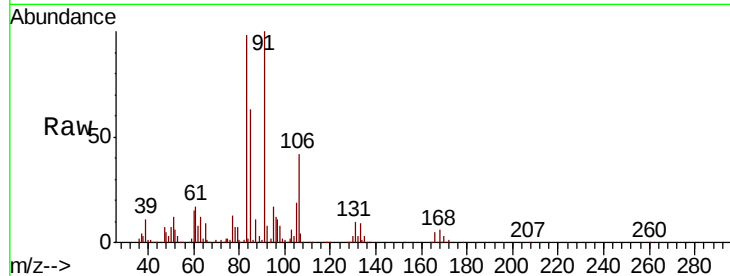
Ion 120.20 (119.90 to 120.90): V





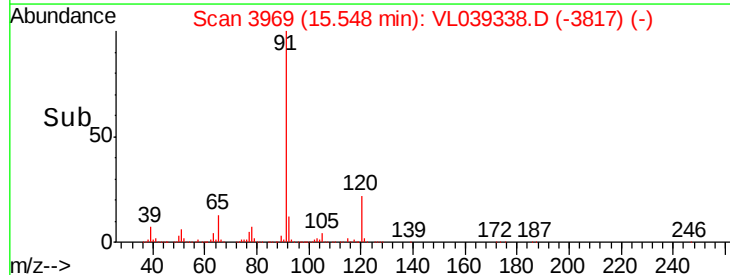
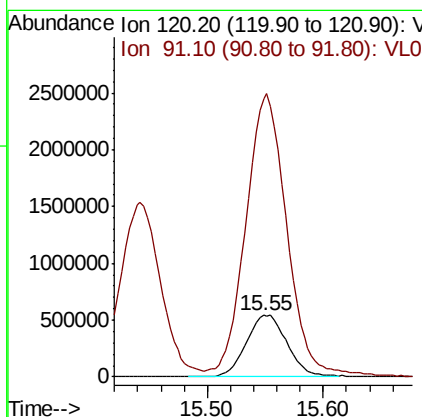
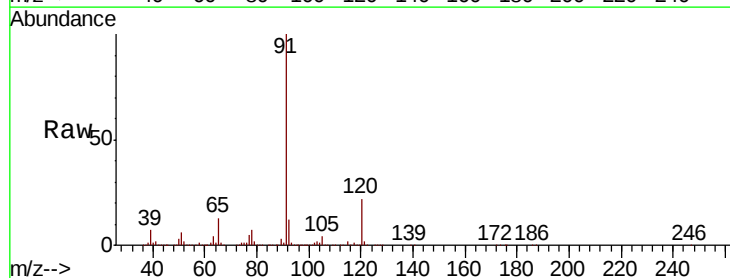
#63
 1,1,2,2-Tetrachloroethane
 Concen: 6.565 ppbv
 RT: 13.66
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0624ABS01
 Acq: 24 Jun 2022 12:17

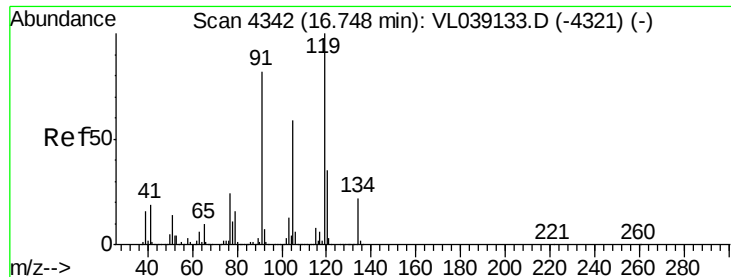
Tot Ion: 83 Resp: 1706926
 Ion Ratio Lower Upper
 83 100
 131 10.1 4.8 14.3
 85 66.6 33.0 99.0



#64
 n-propylbenzene
 Concen: 7.835 ppbv
 RT: 15.55 min Scan# 3969
 Delta R.T. -0.01 min
 Lab File: VL039338.D
 Acq: 24 Jun 2022 12:17

Tgt Ion:120 Resp: 1325977
 Ion Ratio Lower Upper
 120 100
 91 464.6 388.4 582.6

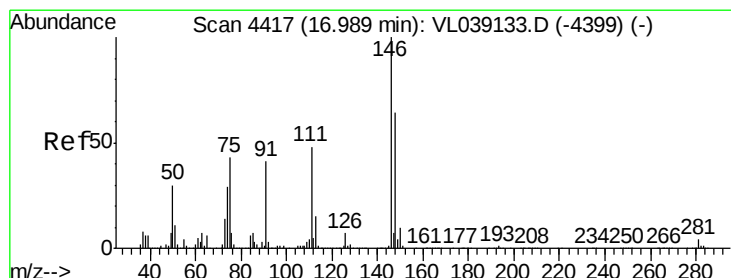
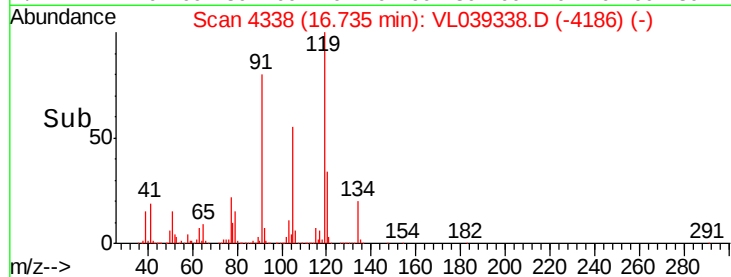
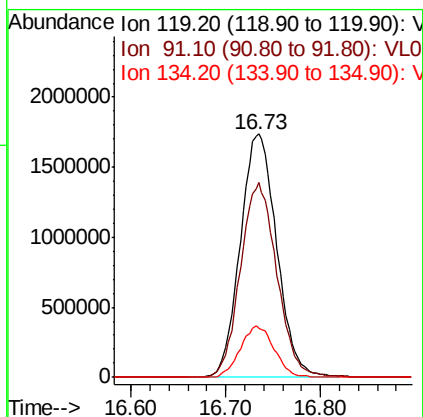
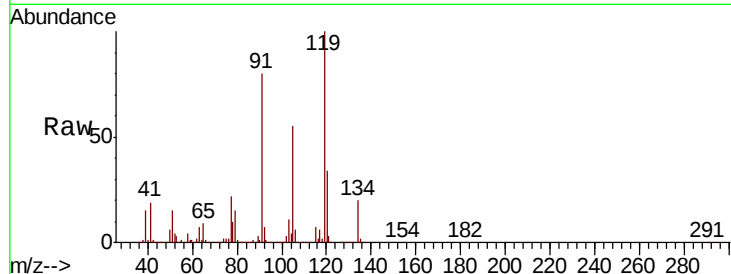




#65
tert-Butylbenzene
Concen: 7.374 ppbv
RT: 16.73 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL0624ABS01
Acq: 24 Jun 2022 12:17

Tot Ion: 119 Resp: 4642744

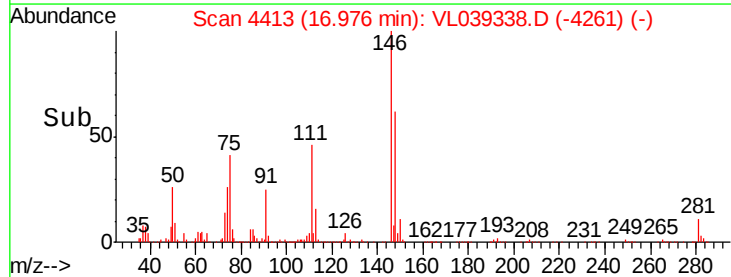
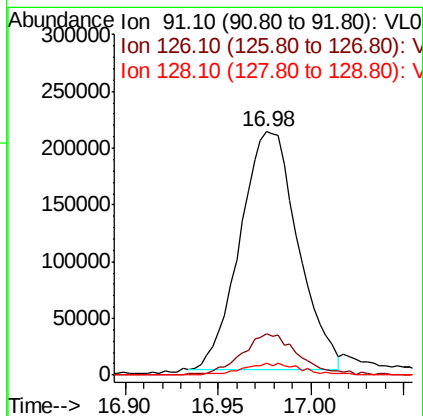
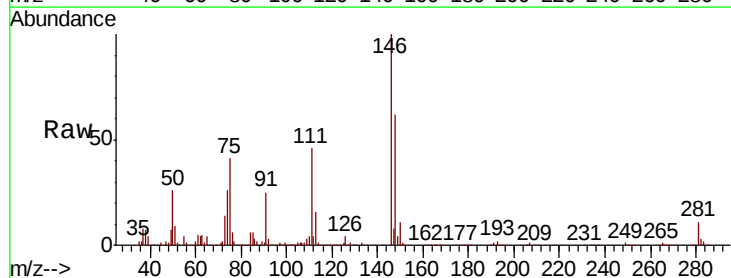
Ion	Ratio	Lower	Upper
119	100		
91	80.3	67.1	100.7
134	19.8	15.8	23.8

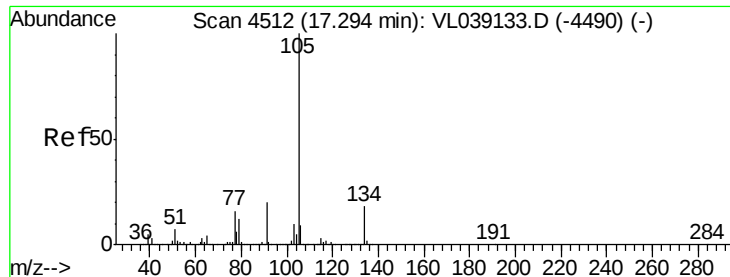


#66
Benzyl Chloride
Concen: 5.597 ppbv
RT: 16.98 min Scan# 4413
Delta R.T. -0.01 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

Tgt Ion: 91 Resp: 458151

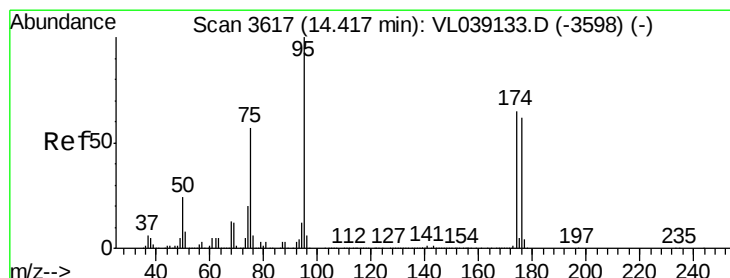
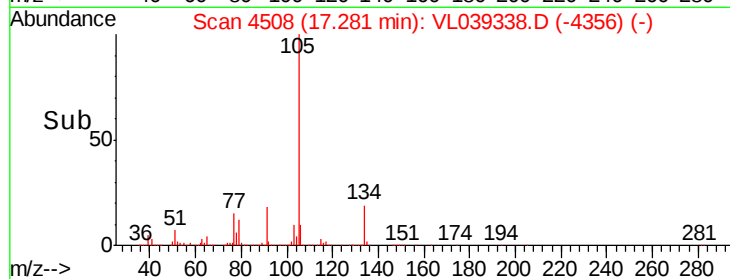
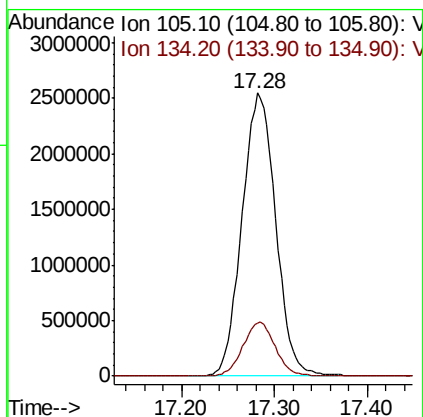
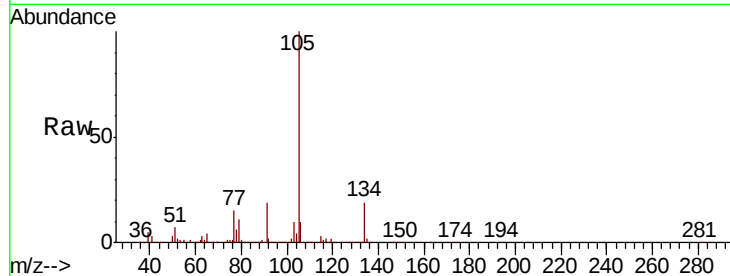
Ion	Ratio	Lower	Upper
91	100		
126	17.5	13.4	20.0
128	5.2	4.1	6.1





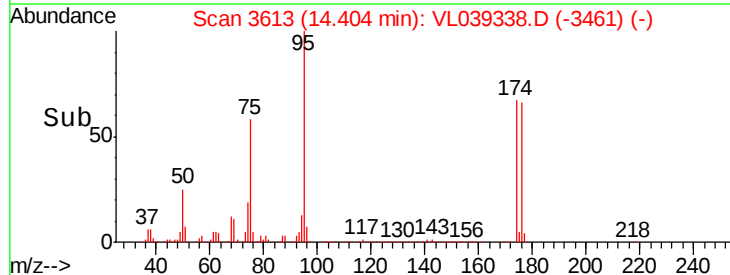
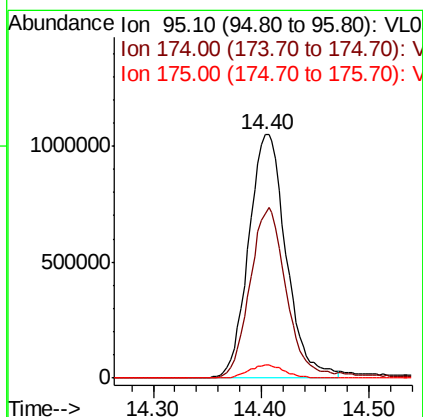
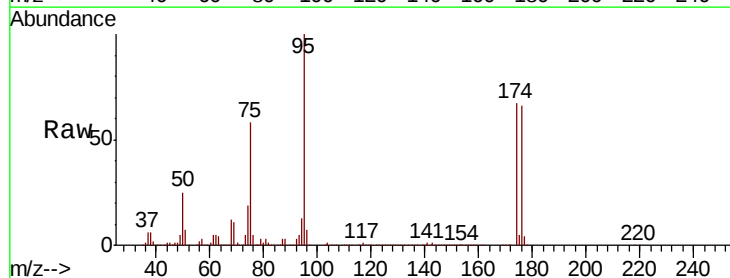
#67
 sec-Butylbenzene
 Concen: 7.466 ppbv
 RT: 17.28 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VL0624ABS01
 Acq: 24 Jun 2022 12:17

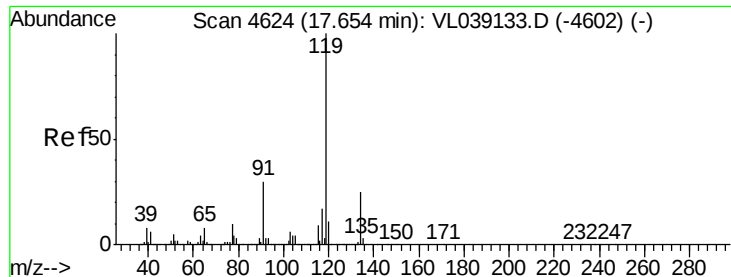
Tot Ion: 105 Resp: 6413743
 Ion Ratio Lower Upper
 105 100
 134 18.4 14.4 21.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 7.524 ppbv
 RT: 14.40 min Scan# 3613
 Delta R.T.: -0.01 min
 Lab File: VL039338.D
 Acq: 24 Jun 2022 12:17

Tgt Ion: 95 Resp: 2527955
 Ion Ratio Lower Upper
 95 100
 174 70.4 53.8 80.8
 175 5.4 4.1 6.1





#69

p-Isopropyltoluene

Concen: 7.584 ppbv

RT: 17.64

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Jun 2022 12:17

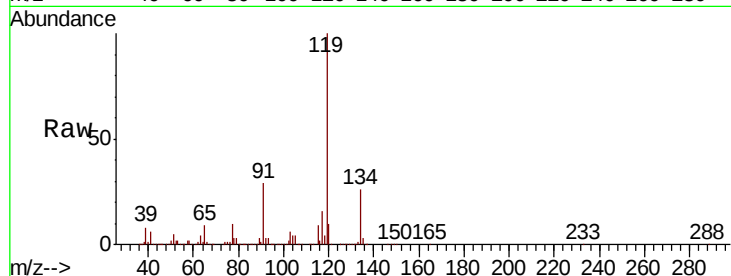
Tot Ion: 119 Resp: 5496661

Ion Ratio Lower Upper

119 100

134 25.4 20.4 30.6

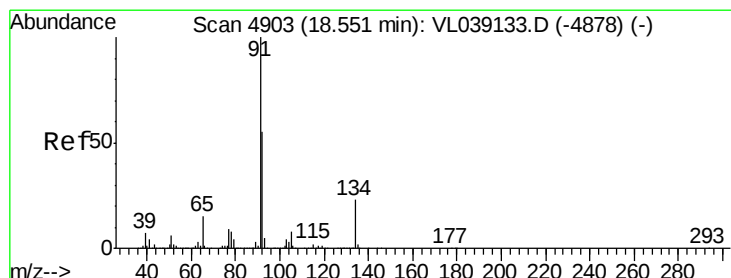
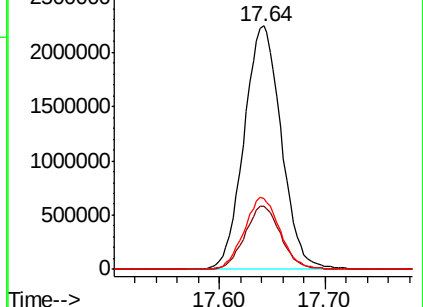
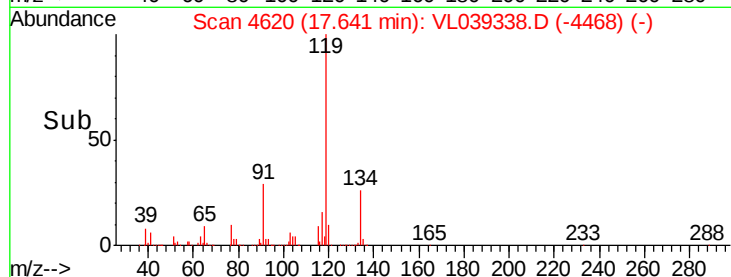
91 28.7 24.2 36.4



Abundance Ion 119.10 (118.80 to 119.80): V

Ion 134.20 (133.90 to 134.90): V

Ion 91.10 (90.80 to 91.80): V



#70

n-Butylbenzene

Concen: 7.287 ppbv

RT: 18.54 min Scan# 4899

Delta R.T. -0.01 min

Lab File: VL039338.D

Acq: 24 Jun 2022 12:17

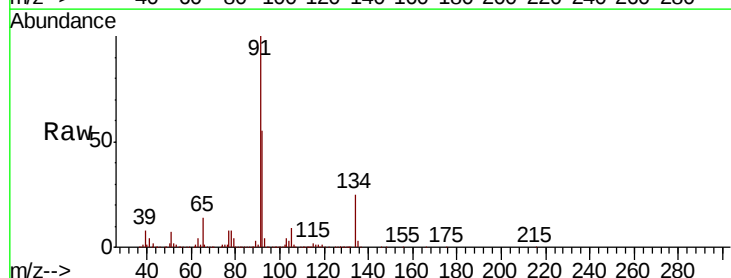
Tgt Ion: 91 Resp: 5420524

Ion Ratio Lower Upper

91 100

92 54.2 43.6 65.4

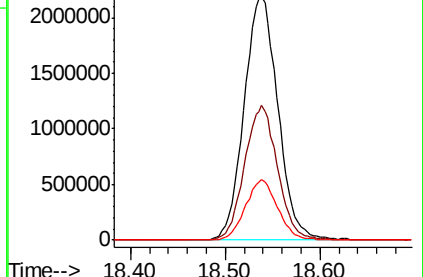
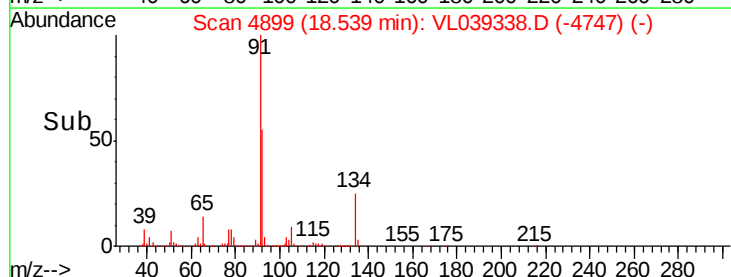
134 23.8 17.7 26.5

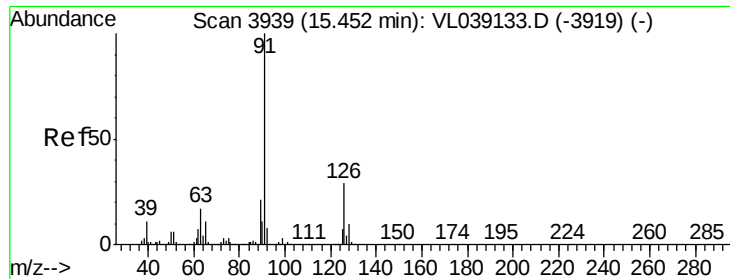


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

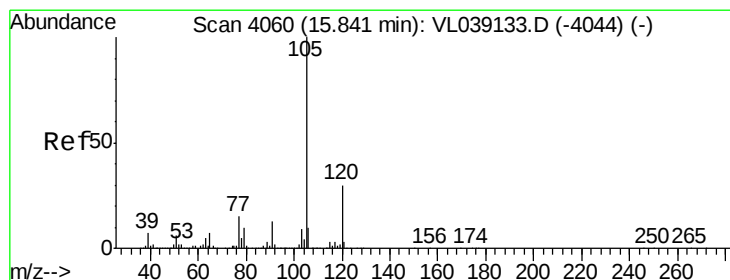
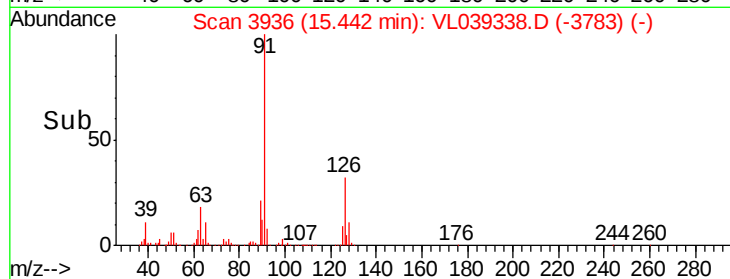
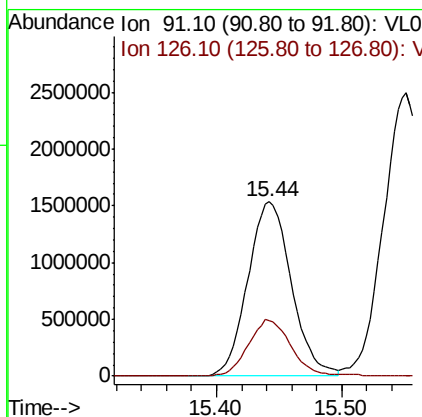
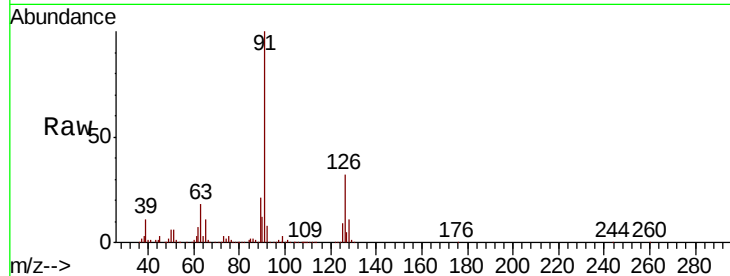
Ion 134.20 (133.90 to 134.90): V





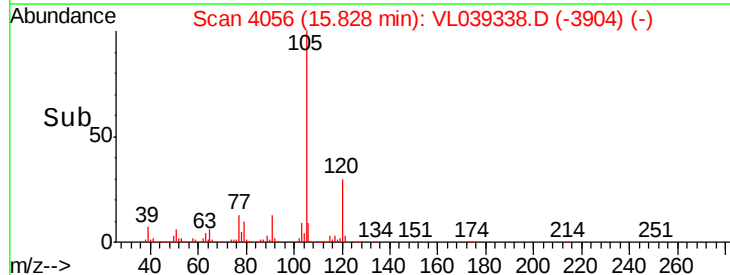
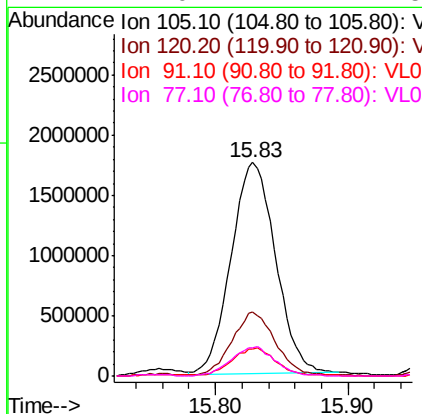
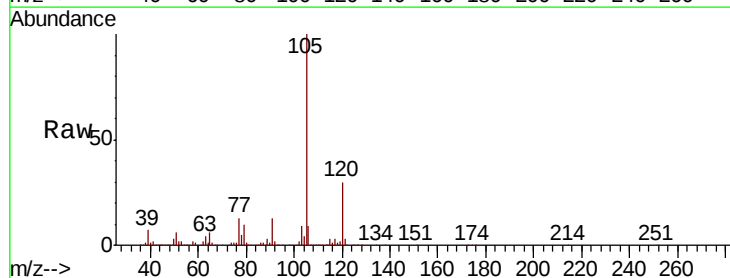
#71
 2-Chlorotoluene
 Concen: 7.062 ppbv
 RT: 15.44 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0624ABS01
 Acq: 24 Jun 2022 12:17

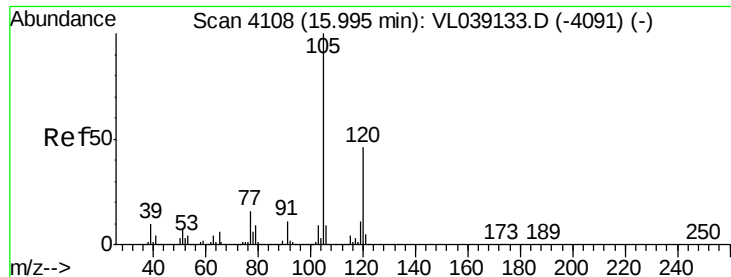
Tot Ion: 91 Resp: 3707841
 Ion Ratio Lower Upper
 91 100
 126 32.4 12.2 48.6



#72
 4-Ethyltoluene
 Concen: 7.547 ppbv
 RT: 15.83 min Scan# 4056
 Delta R.T. -0.01 min
 Lab File: VL039338.D
 Acq: 24 Jun 2022 12:17

Tgt Ion:105 Resp: 4097109
 Ion Ratio Lower Upper
 105 100
 120 30.0 23.9 35.9
 91 13.0 10.6 16.0
 77 14.0 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 7.680 ppbv

RT: 15.98

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

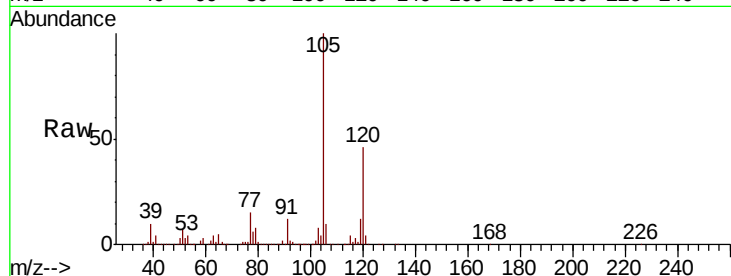
Acq: 24 Jun 2022 12:17

Tot Ion:105 Resp: 3760839

Ion Ratio Lower Upper

105 100

120 46.5 36.7 55.1



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

15.98

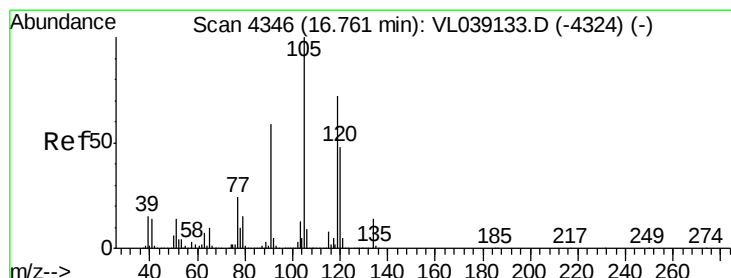
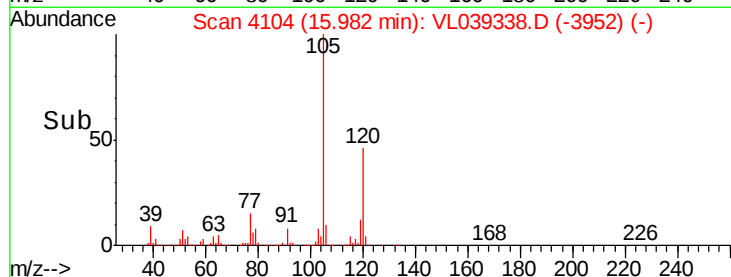
1500000

1000000

500000

0

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 7.463 ppbv

RT: 16.75 min Scan# 4343

Delta R.T. -0.01 min

Lab File: VL039338.D

Acq: 24 Jun 2022 12:17

Tgt Ion:105 Resp: 4078419

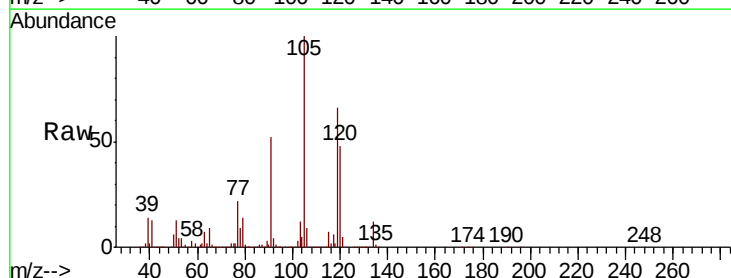
Ion Ratio Lower Upper

105 100

120 48.2 38.1 57.1

91 52.2 47.4 71.0

77 21.7 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

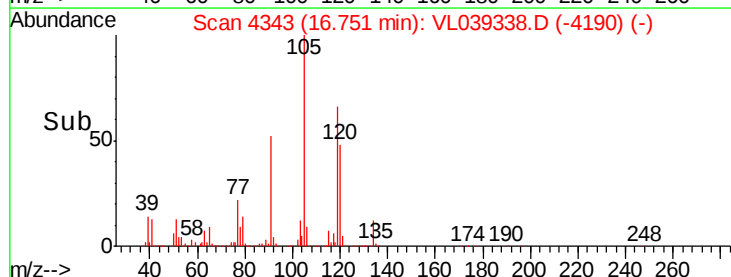
1500000

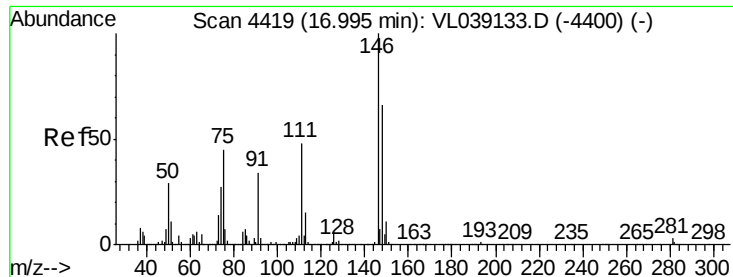
1000000

500000

0

Time-->





#75

1,3-Dichlorobenzene

Concen: 7.650 ppbv

RT: 16.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Jun 2022 12:17

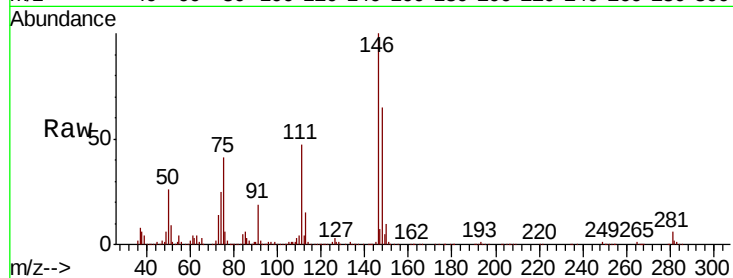
Tot Ion:146 Resp: 2366037

Ion Ratio Lower Upper

146 100

111 46.7 23.8 71.4

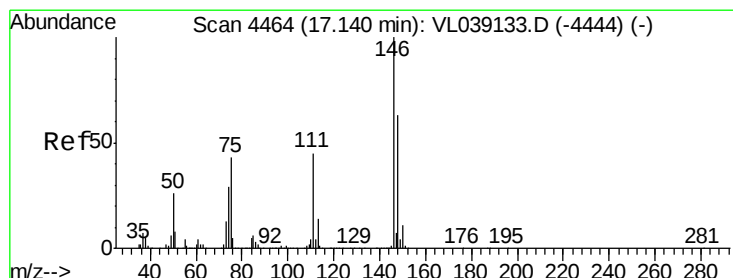
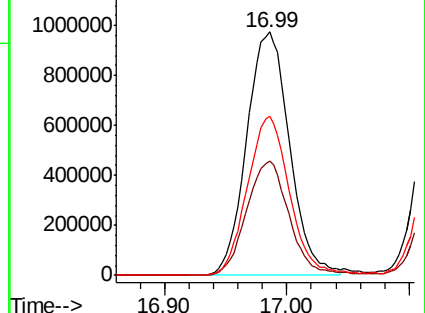
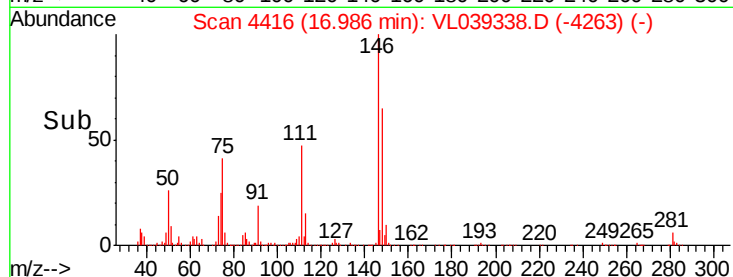
148 64.7 32.4 97.0



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: 7.366 ppbv

RT: 17.12 min Scan# 4459

Delta R.T. -0.02 min

Lab File: VL039338.D

Acq: 24 Jun 2022 12:17

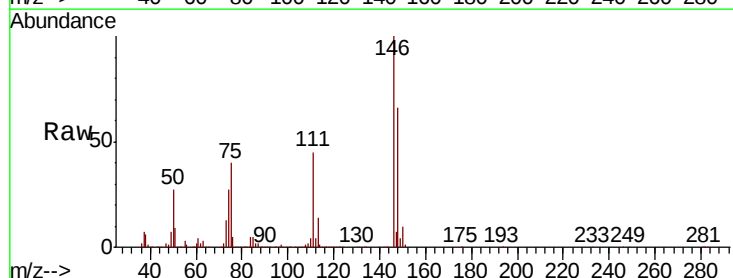
Tgt Ion:146 Resp: 2272997

Ion Ratio Lower Upper

146 100

111 46.4 23.6 71.0

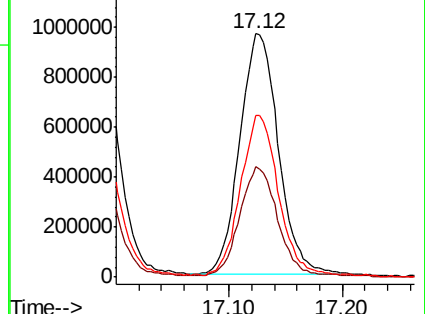
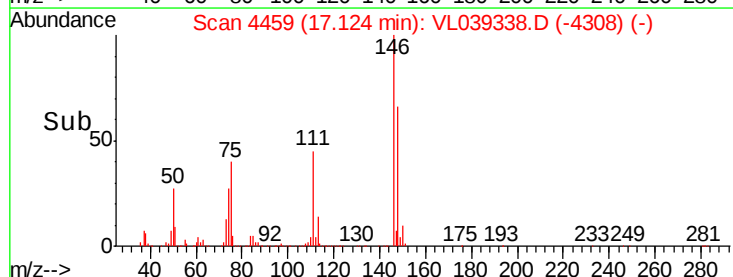
148 67.3 33.7 101.0

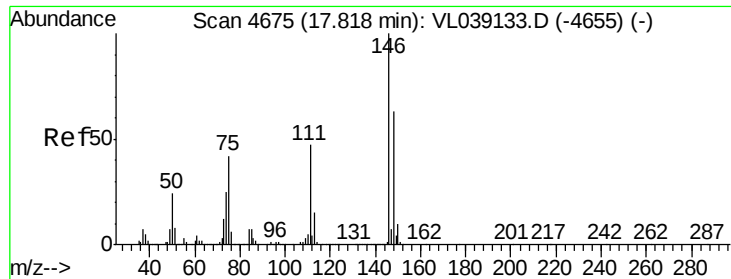


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

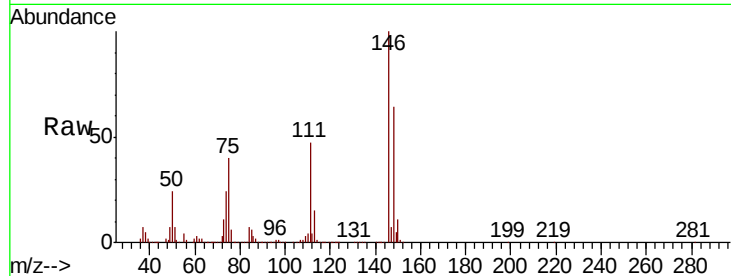
Ion 148.00 (147.70 to 148.70): V



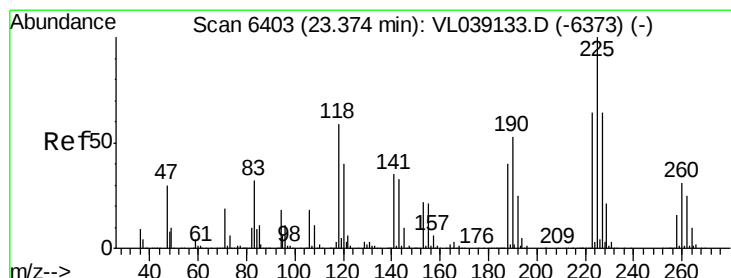
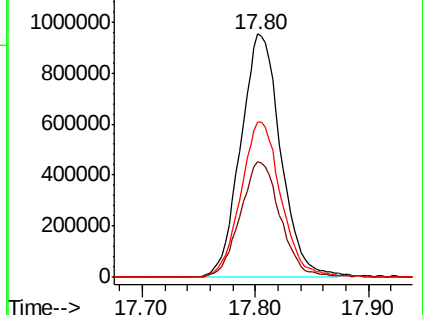
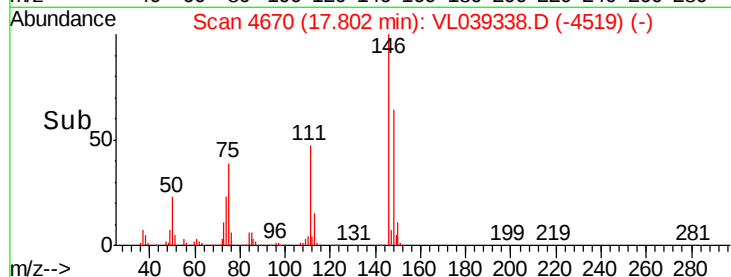


#77
 1,2-Dichlorobenzene
 Concen: 7.486 ppbv
 RT: 17.80 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0624ABS01
 Acq: 24 Jun 2022 12:17

Tot Ion:146 Resp: 2333634
 Ion Ratio Lower Upper
 146 100
 111 47.9 24.4 73.4
 148 64.5 32.1 96.5

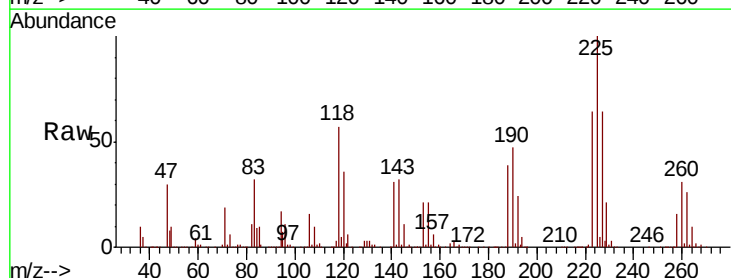


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

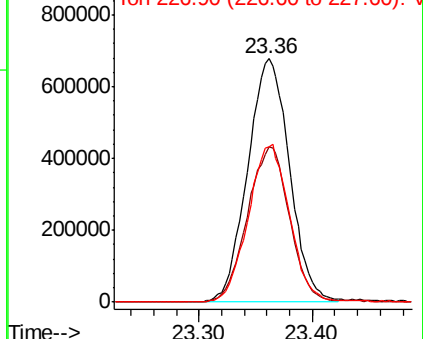
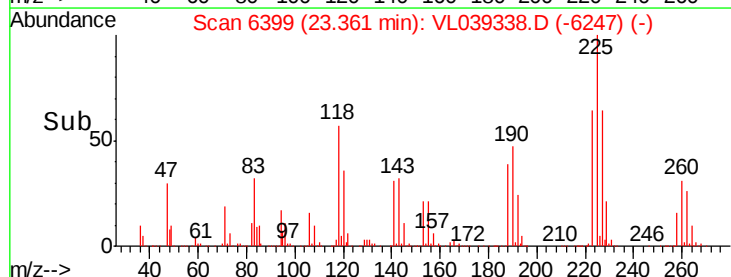


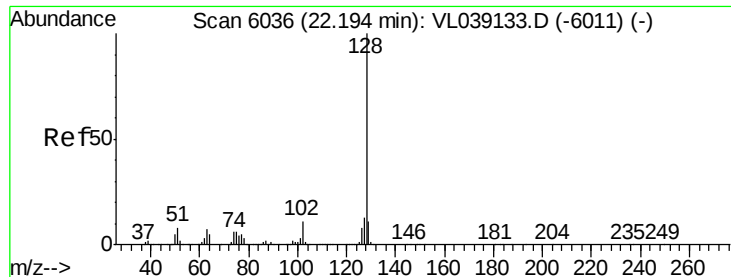
#78
 Hexachloro-1,3-Butadiene
 Concen: 6.116 ppbv
 RT: 23.36 min Scan# 6399
 Delta R.T.: -0.01 min
 Lab File: VL039338.D
 Acq: 24 Jun 2022 12:17

Tgt Ion:225 Resp: 1743494
 Ion Ratio Lower Upper
 225 100
 223 64.7 51.4 77.0
 227 64.1 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: 8.234 ppbv

RT: 22.18

Delta R.T. MSVOA_L

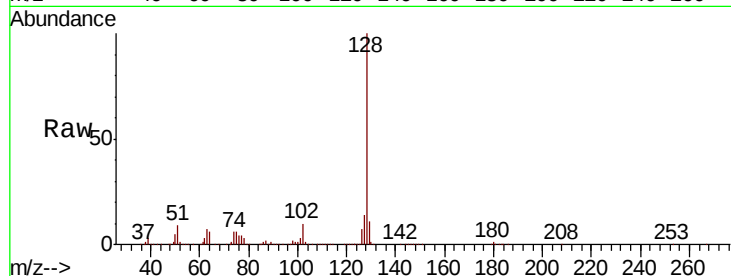
Lab File: ClientSampleId:

VL0624ABS01

Acq: 24 Jun 2022 12:17

Tot Ion:128 Resp: 3463867

Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.4	15.6
129	10.9	9.0	13.6

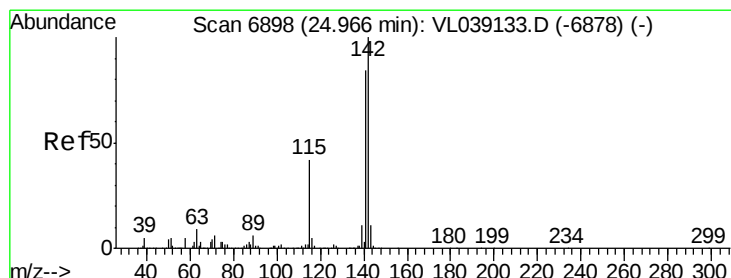
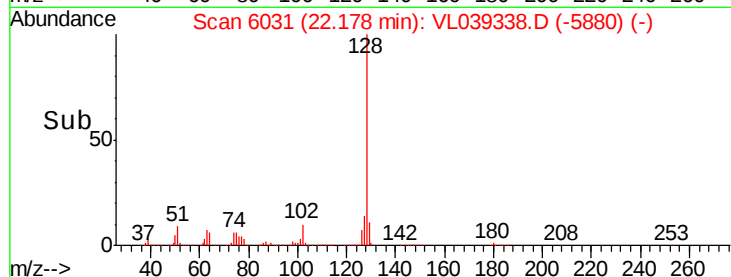
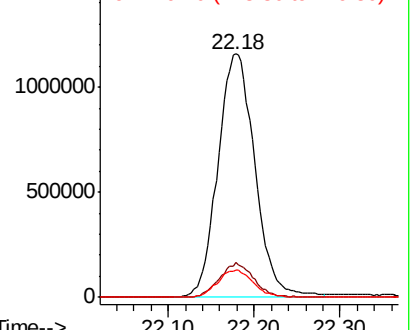


Abundance

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: 7.012 ppbv

RT: 24.96 min Scan# 6896

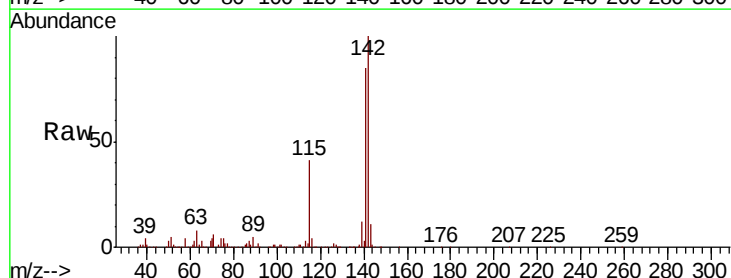
Delta R.T. -0.01 min

Lab File: VL039338.D

Acq: 24 Jun 2022 12:17

Tgt Ion:142 Resp: 1095811

Ion	Ratio	Lower	Upper
142	100		
141	91.5	64.6	96.8
115	40.6	32.7	49.1

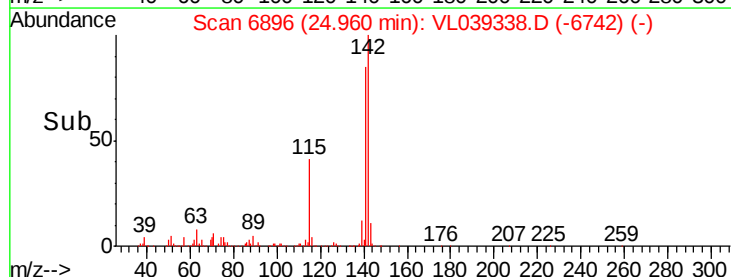
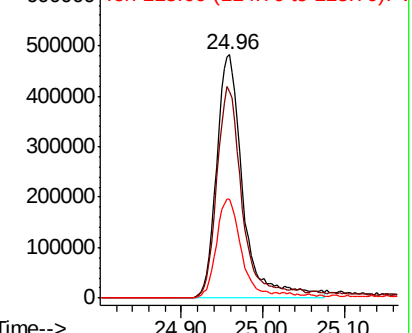


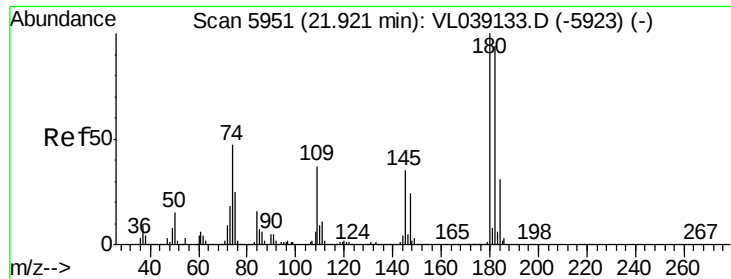
Abundance

Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

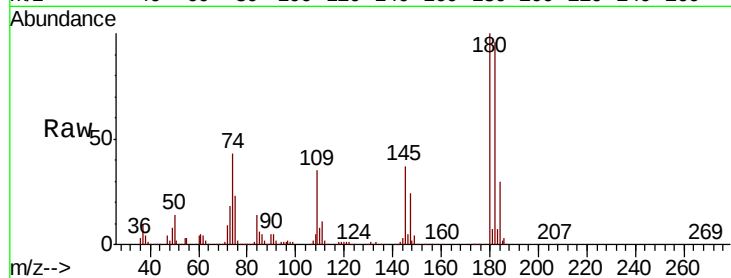
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 7.448 ppbv
 RT: 21.91
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VL0624ABS01
 Acq: 24 Jun 2022 12.17

Tot Ion:180 Resp: 1984801
 Ion Ratio Lower Upper
 180 100
 182 97.5 0.0 0.0#
 184 31.1 0.0 0.0#



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V

