

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060122\
 Data File : VL039144.D
 Acq On : 1 Jun 2022 11:39
 Operator : SY/AP
 Sample : VL0601ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL0601ABS01

Quant Time: Jun 02 00:36:14 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	1221183	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2924864	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3478304	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2438278	8.48	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	84.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.06	85	1753861	8.177 ppbv	97
3) Chlorodifluoromethane	3.00	51	1449842	9.331 ppbv	98
4) Chloromethane	3.15	50	763000	9.560 ppbv	99
5) Vinyl Chloride	3.26	62	740005	9.918 ppbv	97
6) Bromomethane	3.48	94	366616	9.989 ppbv	99
7) Chloroethane	3.56	64	261654	10.064 ppbv	99
8) Dichlorotetrafluoroethane	3.20	85	1887179	9.627 ppbv	100
9) Propene	3.02	41	564908	8.338 ppbv	99
10) Heptane	8.12	43	1487540	9.412 ppbv	99
11) Trichlorofluoromethane	3.95	101	1916184	9.869 ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1308317	10.189 ppbv	99
13) Ethanol	3.61	45	27527	7.450 ppbv #	100
14) Bromoethene	3.75	108	564548	9.780 ppbv	97
15) Acetone	3.85	43	1284746	10.100 ppbv	98
16) 1,3-Butadiene	3.33	39	693211	10.137 ppbv	97
17) tert-Butyl alcohol	4.29	59	964385	9.774 ppbv	98
18) 1,1-Dichloroethene	4.29	96	604887	10.502 ppbv	95
19) Isopropyl Alcohol	3.96	45	564597	9.463 ppbv	99
20) Methylene Chloride	4.35	84	458914	8.561 ppbv	95
21) Allyl Chloride	4.41	41	882246	10.281 ppbv	98
22) trans-1,2-Dichloroethene	4.89	96	621832	11.220 ppbv	92
23) Vinyl Acetate	5.08	43	961621	9.137 ppbv	99
24) 1,1-Dichloroethane	5.02	63	1160472	8.047 ppbv	99
25) Ethyl Acetate	5.68	43	2719159	9.484 ppbv	99
26) Hexane	5.69	57	1175658	9.331 ppbv	99
27) Carbon Disulfide	4.56	76	1416702	10.849 ppbv	99
28) Methyl tert-Butyl Ether	5.04	73	1035057	7.441 ppbv	100
29) Chloroform	5.75	83	2034611	9.597 ppbv	98
30) Cyclohexane	7.13	84	947819	8.955 ppbv	98
31) cis-1,2-Dichloroethene	5.55	61	1239636	9.649 ppbv	98
32) 1,1,1-Trichloroethane	6.51	97	2080398	10.028 ppbv	99
34) 2-Butanone	5.24	43	1642734	10.338 ppbv	100
35) Carbon Tetrachloride	7.02	117	2230954	10.450 ppbv	97
36) Benzene	6.89	78	2298789	9.681 ppbv	97
37) 1,2-Dichloroethane	6.31	62	1704997	10.910 ppbv	99
38) Trichloroethene	7.84	130	1161926	10.653 ppbv	97
39) 1,2-Dichloropropane	7.62	63	900038	9.529 ppbv	91
40) 1,4-Dioxane	7.83	88	297807	9.578 ppbv #	1
41) Tetrahydrofuran	6.05	42	939426	9.830 ppbv	100
42) Bromodichloromethane	7.79	83	2299636	10.603 ppbv	99
43) Methyl Methacrylate	8.01	69	971959	10.508 ppbv	99

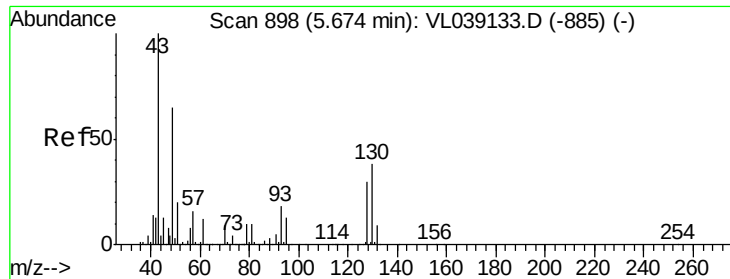
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 Data File : VL039144.D
 Acq On : 1 Jun 2022 11:39
 Operator : SY/AP
 Sample : VL0601ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0601ABS01

Quant Time: Jun 02 00:36:14 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

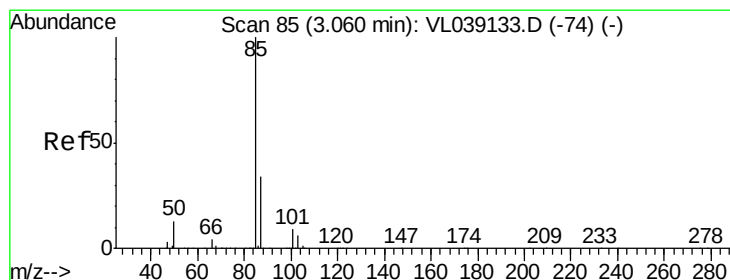
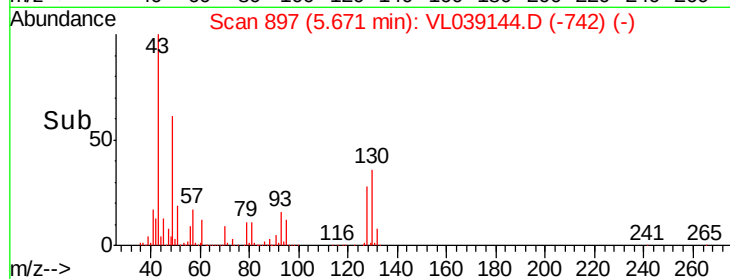
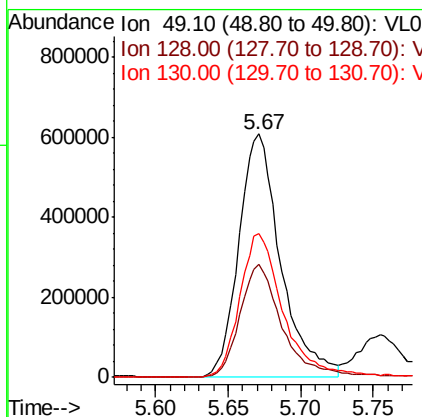
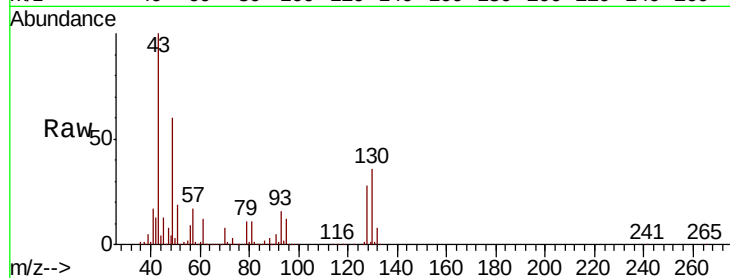
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	3989643	9.604	ppbv	98
45) t-1,3-Dichloropropene	9.28	75	1138636	11.820	ppbv	96
46) cis-1,3-Dichloropropene	8.70	75	1385114	10.885	ppbv	96
47) 1,1,2-Trichloroethane	9.47	97	989581	10.043	ppbv	98
48) Dibromochloromethane	10.30	129	1865136	10.601	ppbv	99
49) Bromoform	13.04	173	1547257	10.552	ppbv	99
50) 4-Methyl-2-Pentanone	8.74	43	2441588	10.265	ppbv	100
51) 2-Hexanone	10.13	43	1968836	10.638	ppbv #	97
52) Tetrachloroethene	11.22	164	869964	9.383	ppbv	97
53) Toluene	9.81	91	2734959	10.002	ppbv	99
54) 1,2-Dibromoethane	10.61	107	1367325	10.326	ppbv	96
56) 1,1,1,2-Tetrachloroethane	12.12	131	1275509	7.750	ppbv	96
57) Chlorobenzene	12.15	112	2044529	7.812	ppbv	97
58) Ethyl Benzene	12.71	91	3748584	7.824	ppbv	99
59) m/p-Xylene	12.99	91	3470620	8.226	ppbv #	42
60) o-Xylene	13.69	91	3172359	8.002	ppbv	99
61) Styrene	13.52	104	1767569	8.326	ppbv	98
62) Isopropylbenzene	14.66	105	4571879	7.759	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.67	83	1660480	7.462	ppbv	100
64) n-propylbenzene	15.56	120	1160038	8.008	ppbv	96
65) tert-Butylbenzene	16.74	119	4221198	7.834	ppbv	98
66) Benzyl Chloride	16.99	91	673739	9.616	ppbv	99
67) sec-Butylbenzene	17.29	105	5874014	7.990	ppbv	100
69) p-Isopropyltoluene	17.64	119	4934863	7.956	ppbv	99
70) n-Butylbenzene	18.54	91	5196792	8.162	ppbv	100
71) 2-Chlorotoluene	15.45	91	3550066	7.900	ppbv	99
72) 4-Ethyltoluene	15.83	105	3744840	8.059	ppbv	99
73) 1,3,5-Trimethylbenzene	15.99	105	3388794	8.086	ppbv	98
74) 1,2,4-Trimethylbenzene	16.76	105	3782237	8.087	ppbv	96
75) 1,3-Dichlorobenzene	16.99	146	2142325	8.093	ppbv	99
76) 1,4-Dichlorobenzene	17.13	146	2097604	7.942	ppbv	98
77) 1,2-Dichlorobenzene	17.81	146	2095151	7.853	ppbv	99
78) Hexachloro-1,3-Butadiene	23.37	225	1837002	7.529	ppbv	99
79) Naphthalene	22.18	128	3339639	9.276	ppbv	100
80) Naphthalene, 2-methyl-	24.96	142	1301367	9.729	ppbv	94
81) 1,2,4-Trichlorobenzene	21.91	180	1893651	8.302	ppbv #	100

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



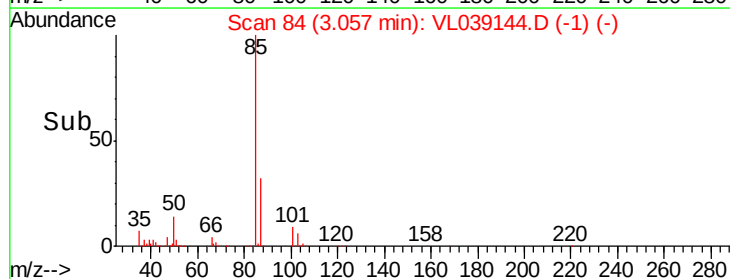
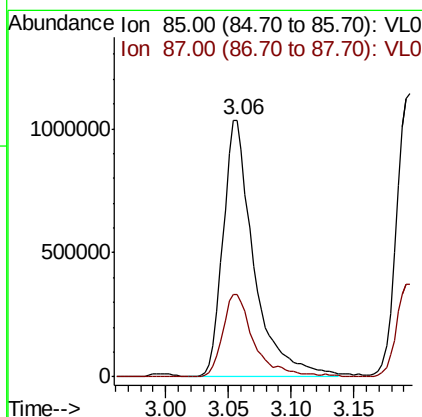
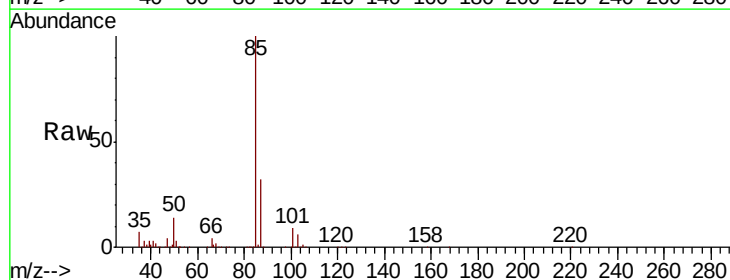
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0601ABS01
 Acq: 1 Jun 2022 11:39

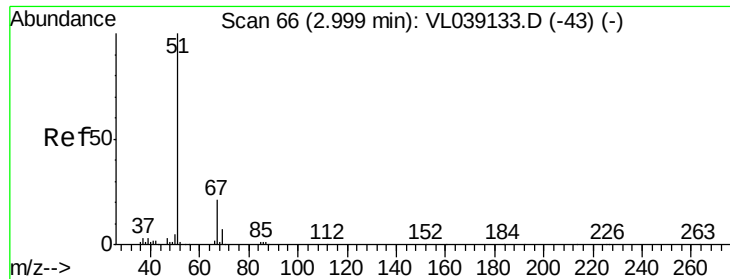
Tot Ion: 49 Resp: 1221183
 Ion Ratio Lower Upper
 49 100
 128 48.1 24.7 74.1
 130 62.6 31.4 94.0



#2
 Dichlorodifluoromethane
 Concen: 8.177 ppbv
 RT: 3.06 min Scan# 84
 Delta R.T. -0.00 min
 Lab File: VL039144.D
 Acq: 1 Jun 2022 11:39

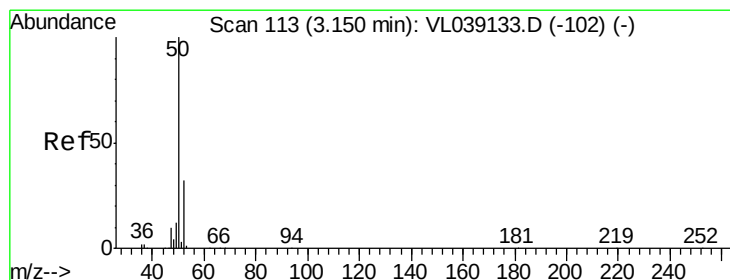
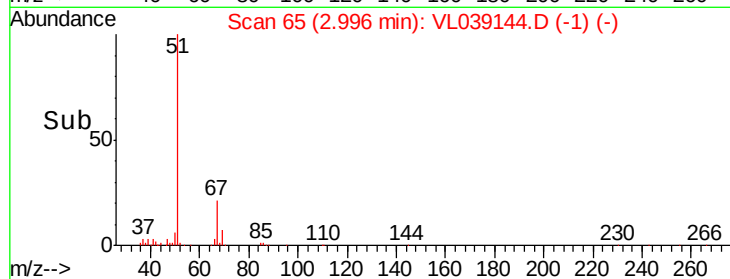
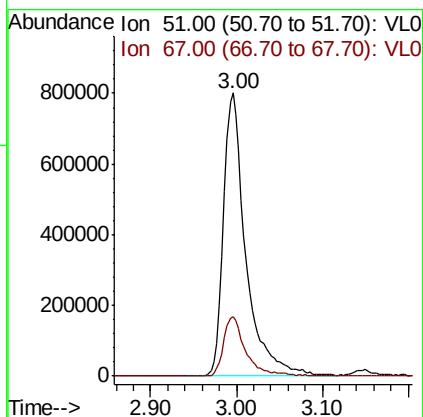
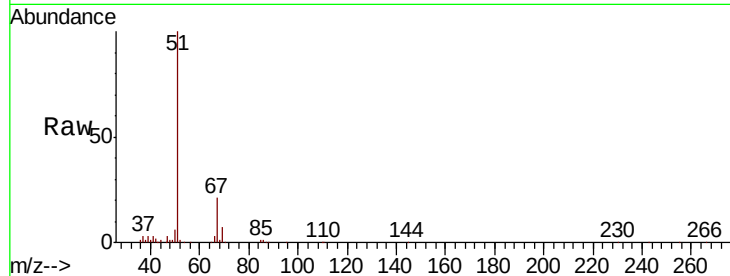
Tgt Ion: 85 Resp: 1753861
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.9 40.3





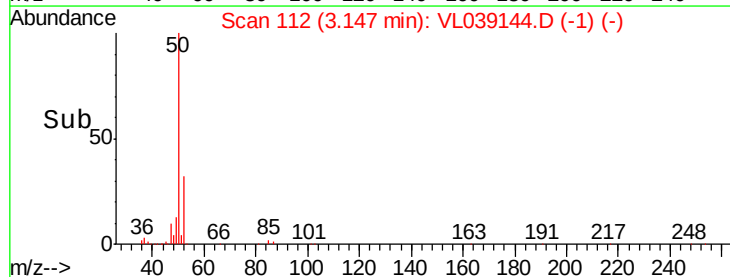
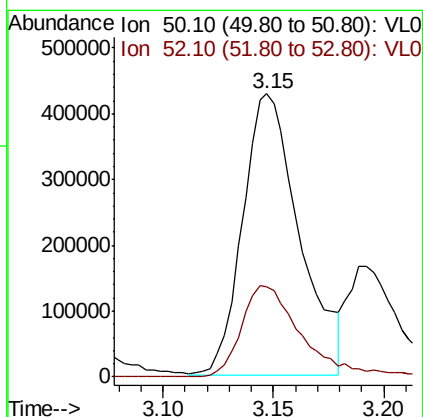
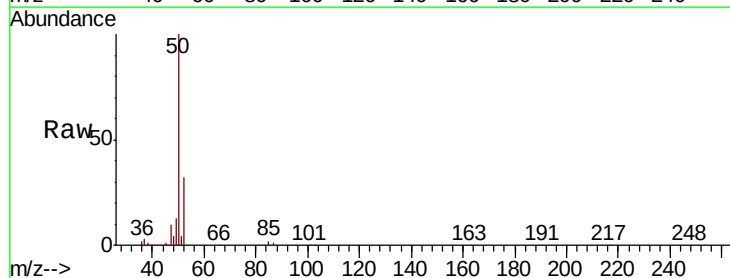
#3
 Chlorodifluoromethane
 Concen: 9.331 ppbv
 RT: 3.00
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0601ABS01
 Acq: 1 Jun 2022 11:39

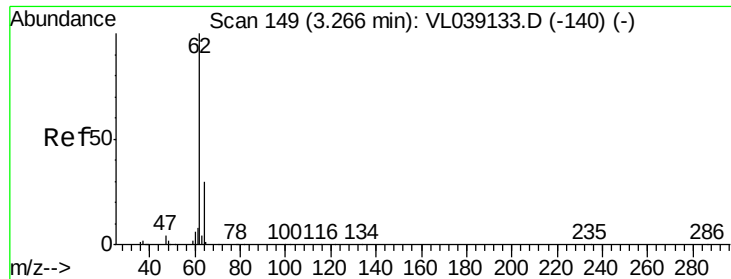
Tot Ion: 51 Resp: 1449842
 Ion Ratio Lower Upper
 51 100
 67 21.0 16.2 24.4



#4
 Chloromethane
 Concen: 9.560 ppbv
 RT: 3.15 min Scan# 112
 Delta R.T. -0.00 min
 Lab File: VL039144.D
 Acq: 1 Jun 2022 11:39

Tgt Ion: 50 Resp: 763000
 Ion Ratio Lower Upper
 50 100
 52 32.1 25.9 38.9





#5

Vinyl Chloride

Concen: 9.918 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

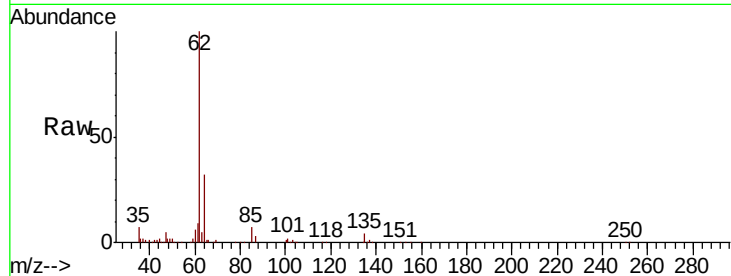
Acq: 1 Jun 2022 11:39 VL0601ABS01

Tot Ion: 62 Resp: 740005

Ion Ratio Lower Upper

62 100

64 31.6 24.2 36.2



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0

3.26

400000

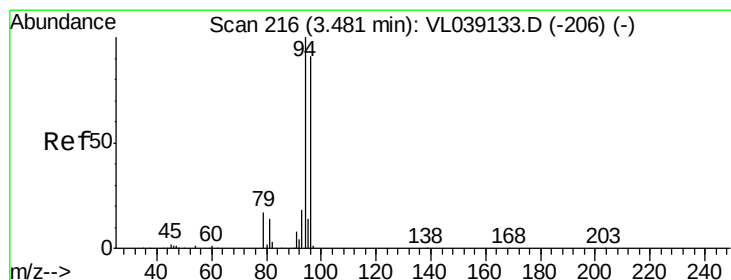
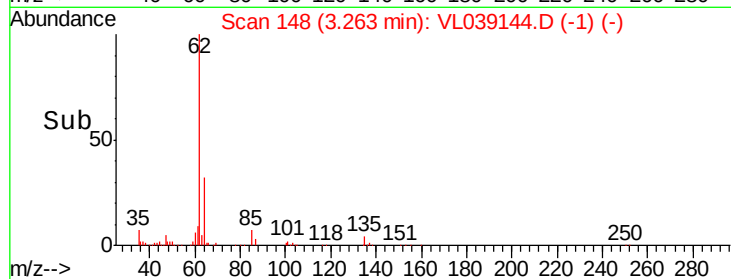
300000

200000

100000

0

Time-->



#6

Bromomethane

Concen: 9.989 ppbv

RT: 3.48 min Scan# 215

Delta R.T. -0.00 min

Lab File: VL039144.D

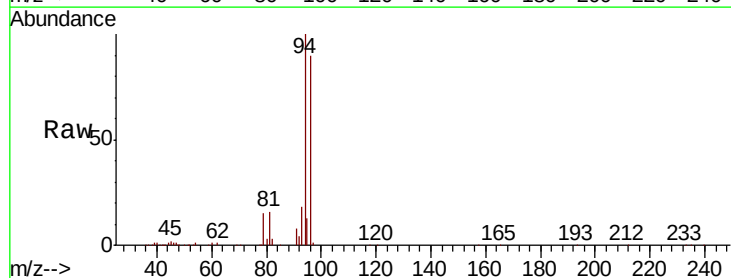
Acq: 1 Jun 2022 11:39

Tgt Ion: 94 Resp: 366616

Ion Ratio Lower Upper

94 100

96 90.4 73.0 109.4



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

3.48

200000

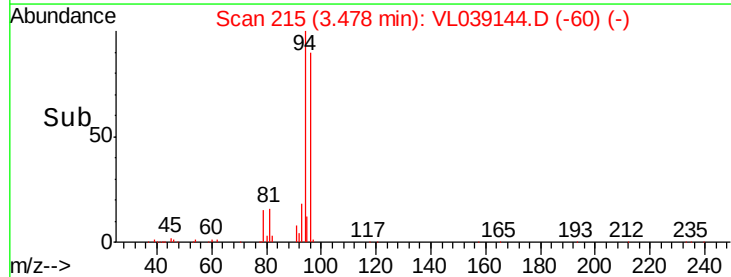
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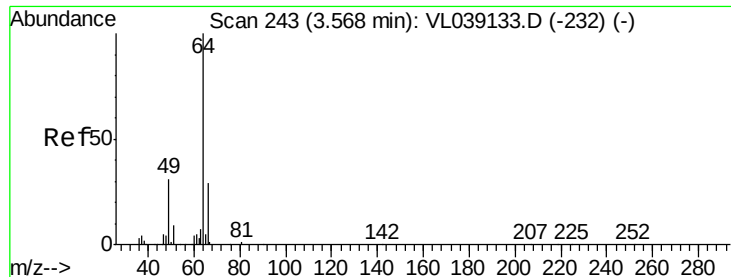
100000

50000

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Time-->





#7

Chloroethane

Concen: 10.064 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

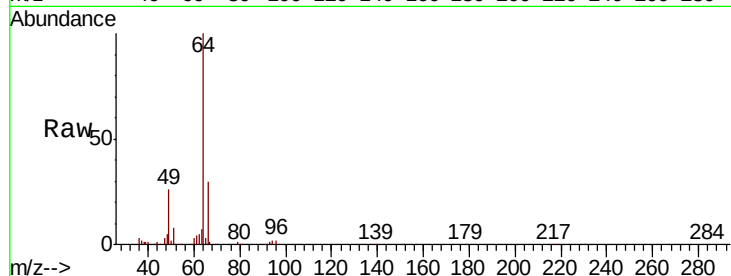
Acq: 1 Jun 2022 11:39 VL0601ABS01

Tot Ion: 64 Resp: 261654

Ion Ratio Lower Upper

64 100

66 30.0 23.6 35.4



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.56

150000

100000

50000

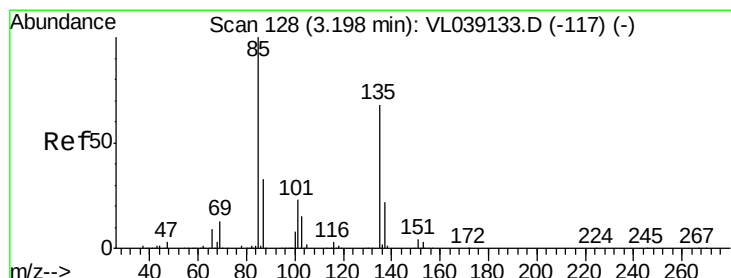
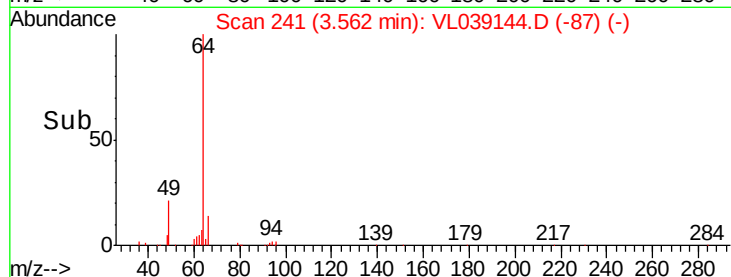
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Time-->

3.50

3.55

3.60



#8

Dichlorotetrafluoroethane

Concen: 9.627 ppbv

RT: 3.20 min Scan# 127

Delta R.T. -0.00 min

Lab File: VL039144.D

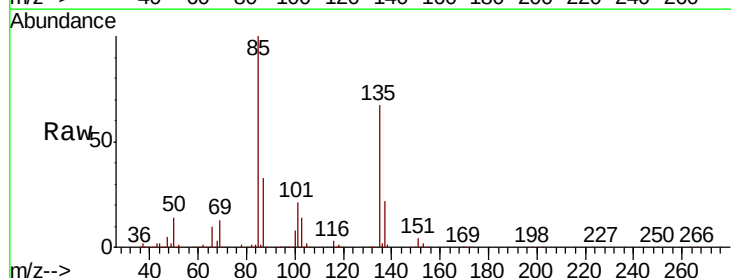
Acq: 1 Jun 2022 11:39

Tgt Ion: 85 Resp: 1887179

Ion Ratio Lower Upper

85 100

135 68.4 55.0 82.4



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

3.20

1000000

500000

0

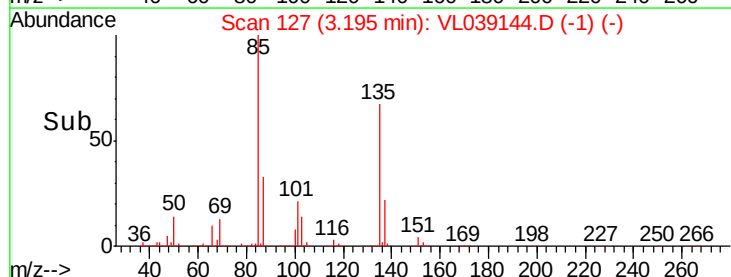
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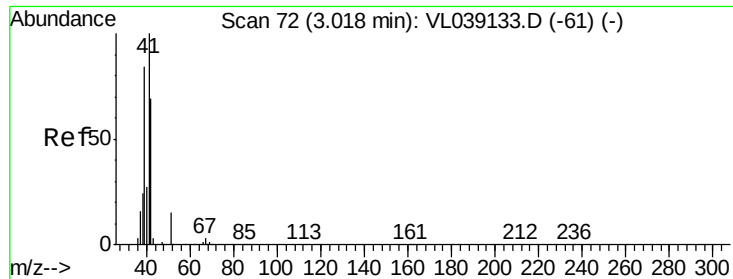
3.15

3.20

3.25

3.30





#9

Propene

Concen: 8.338 ppbv

RT: 3.02 Instrument: MSVOA_1

Delta R.T. -0.01 min

Lab File: VL0601ABS01 ClientSampleId:

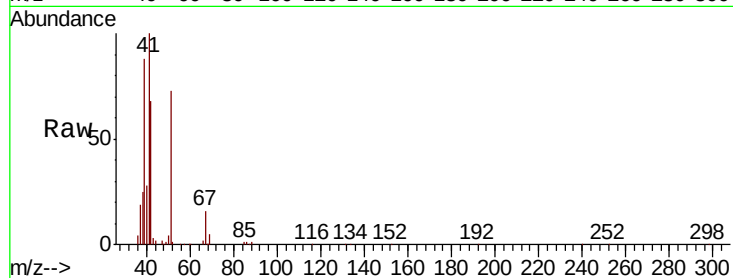
Acq: 1 Jun 2022 11:39

Tot Ion: 41 Resp: 564908

Ion Ratio Lower Upper

41 100

42 70.2 55.4 83.2



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

3.02

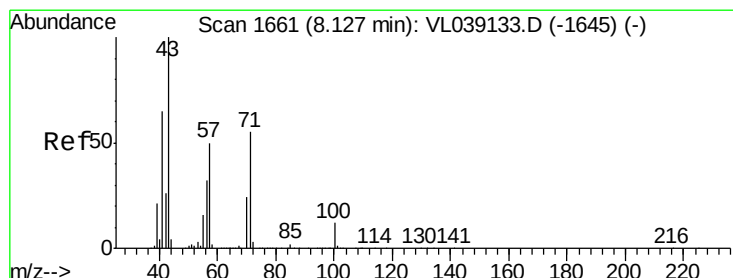
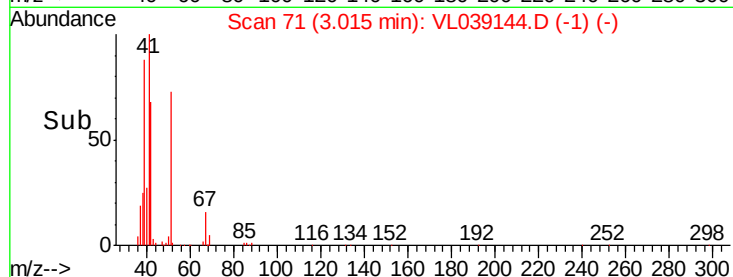
300000

200000

100000

0

Time-->



#10

Heptane

Concen: 9.412 ppbv

RT: 8.12 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VL039144.D

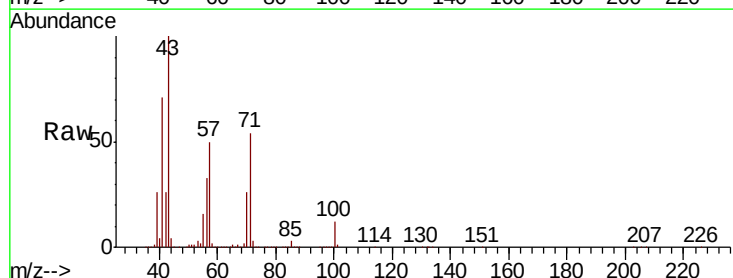
Acq: 1 Jun 2022 11:39

Tgt Ion: 43 Resp: 1487540

Ion Ratio Lower Upper

43 100

57 51.1 41.4 62.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

8.12

800000

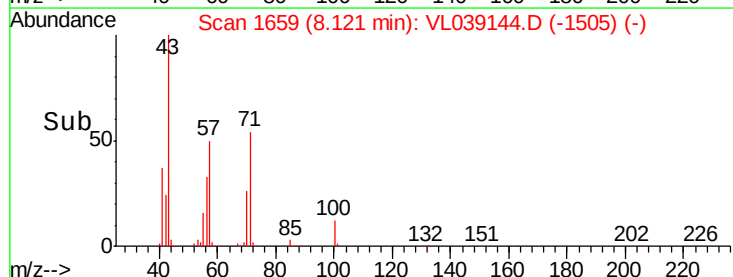
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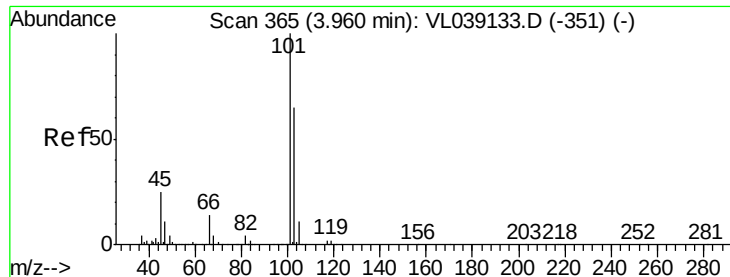
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200000

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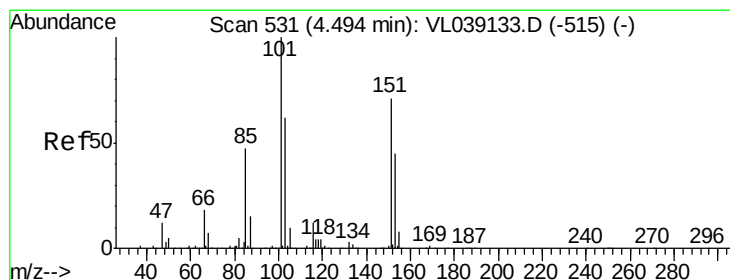
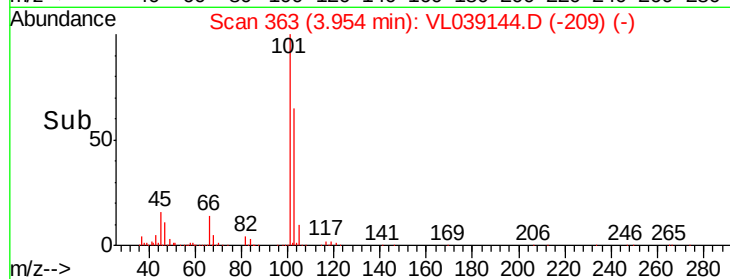
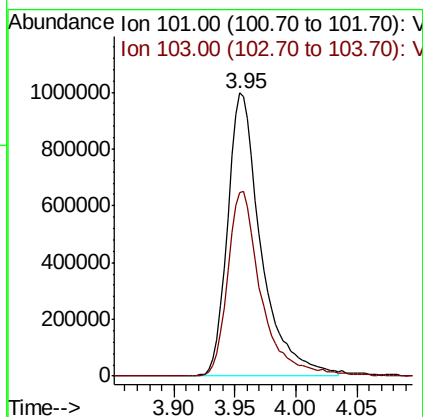
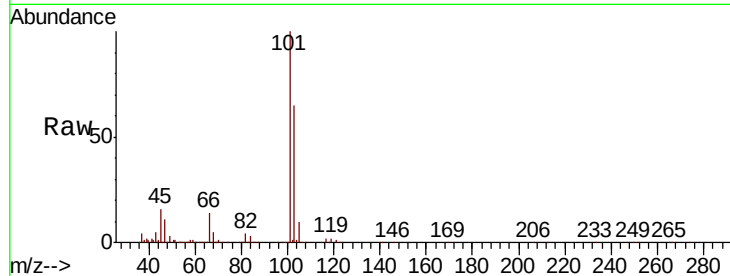
Time-->





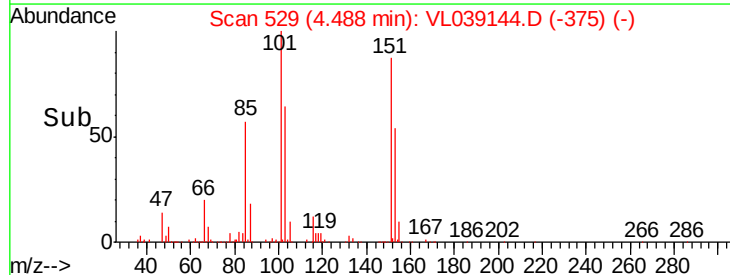
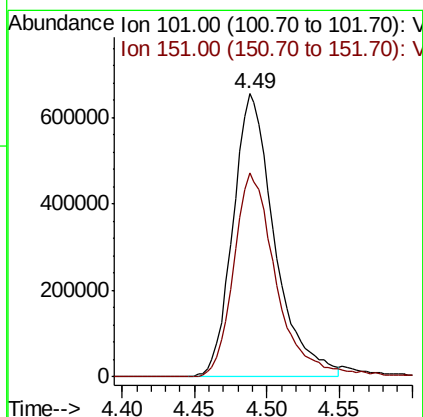
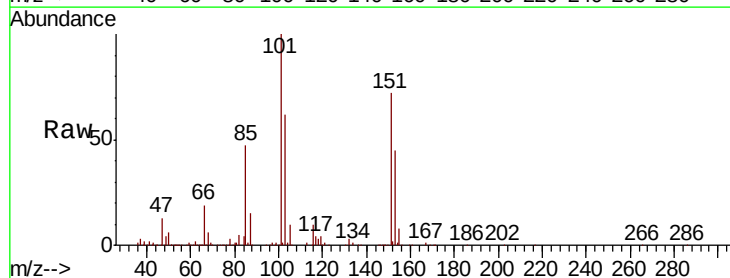
#11
 Trichlorofluoromethane
 Concen: 9.869 ppbv
 RT: 3.95
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0601ABS01
 Acq: 1 Jun 2022 11:39

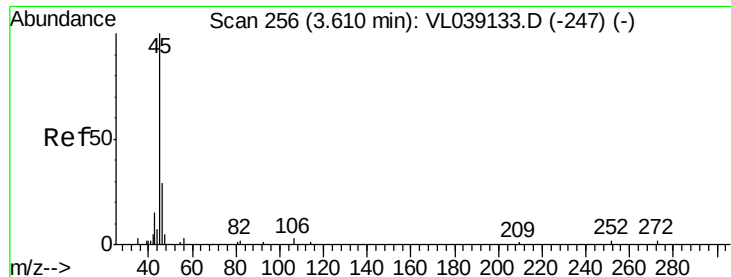
Tot Ion:101 Resp: 1916184
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.189 ppbv
 RT: 4.49 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VL039144.D
 Acq: 1 Jun 2022 11:39

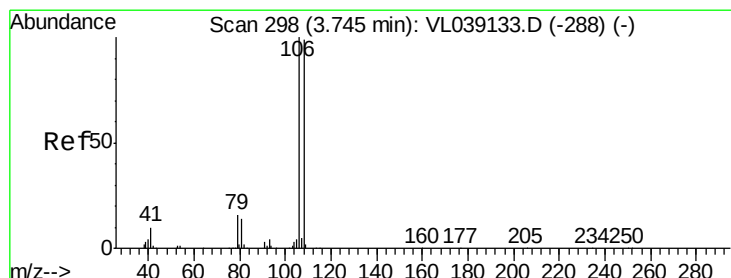
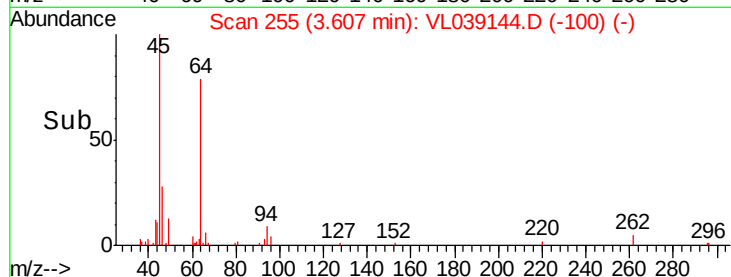
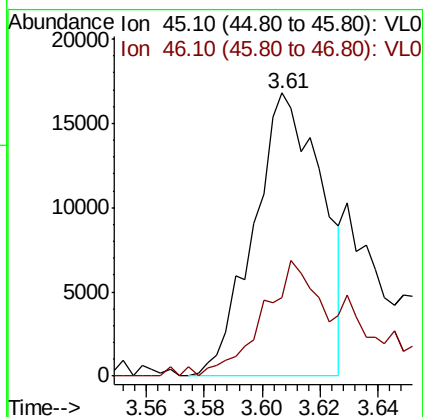
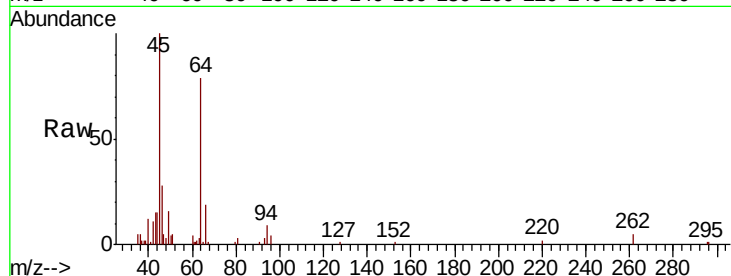
Tgt Ion:101 Resp: 1308317
 Ion Ratio Lower Upper
 101 100
 151 74.7 59.4 89.0





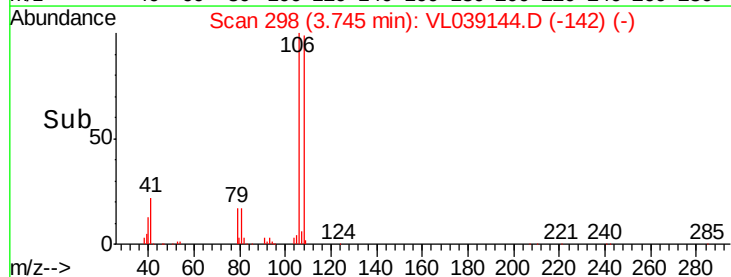
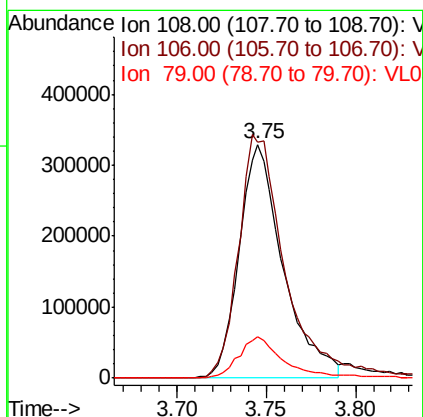
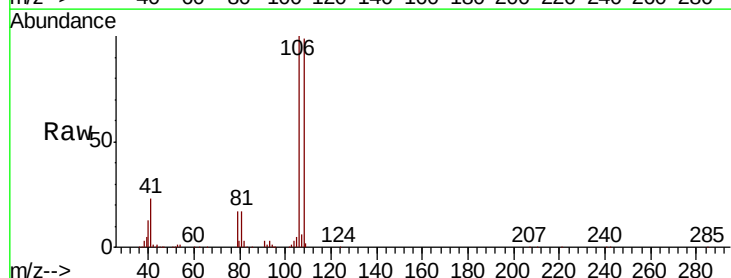
#13
Ethanol
Concen: 7.450 ppbv
RT: 3.61
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL0601ABS01
Acq: 1 Jun 2022 11:39

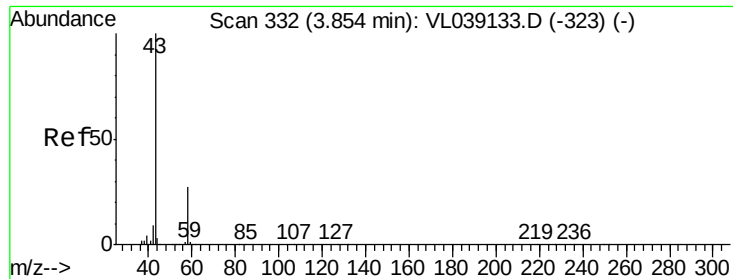
Tot Ion: 45 Resp: 27527
Ion Ratio Lower Upper
45 100
46 61.8 0.0 0.0#



#14
Bromoethene
Concen: 9.780 ppbv
RT: 3.75 min Scan# 298
Delta R.T. 0.00 min
Lab File: VL039144.D
Acq: 1 Jun 2022 11:39

Tgt Ion: 108 Resp: 564548
Ion Ratio Lower Upper
108 100
106 113.2 88.4 132.6
79 18.9 13.4 20.2





#15

Acetone

Concen: 10.100 ppbv

RT: 3.85

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

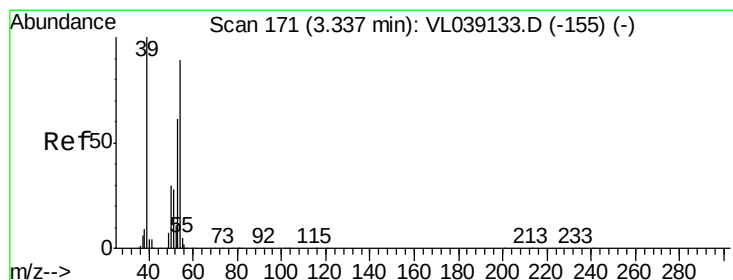
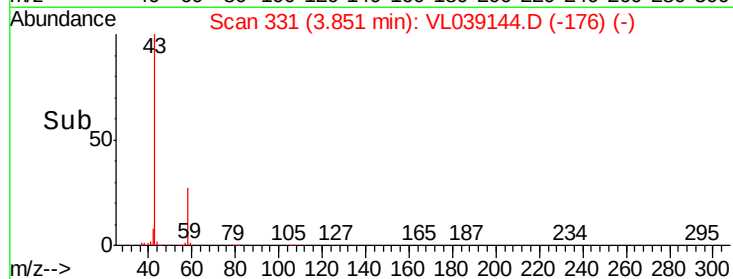
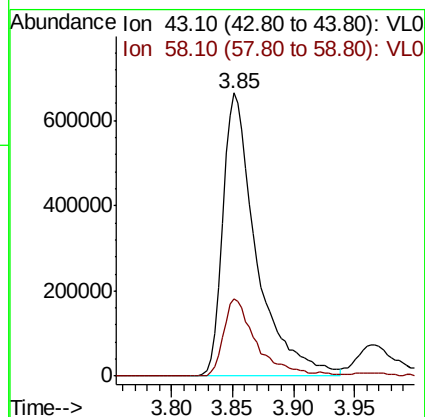
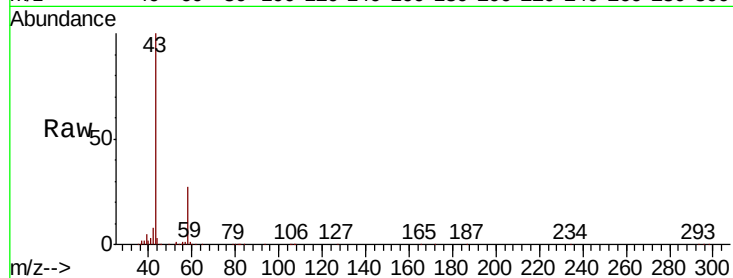
Acq: 1 Jun 2022 11:39

Tot Ion: 43 Resp: 1284746

Ion Ratio Lower Upper

43 100

58 27.1 22.5 33.7



#16

1,3-Butadiene

Concen: 10.137 ppbv

RT: 3.33 min Scan# 170

Delta R.T. -0.00 min

Lab File: VL039144.D

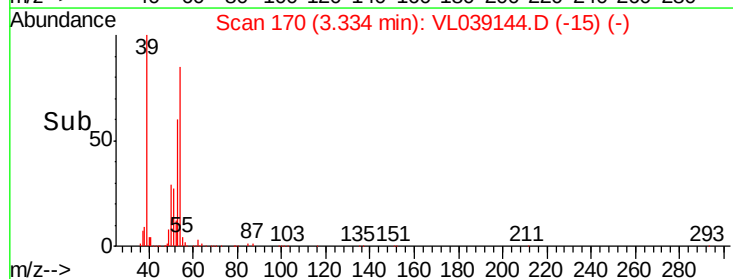
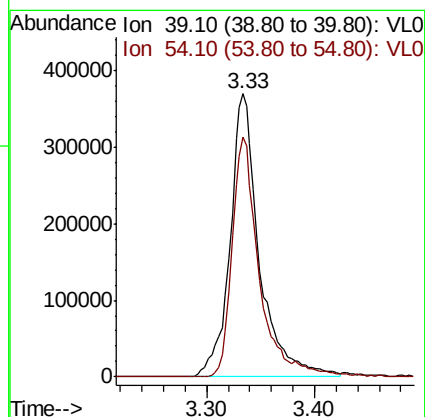
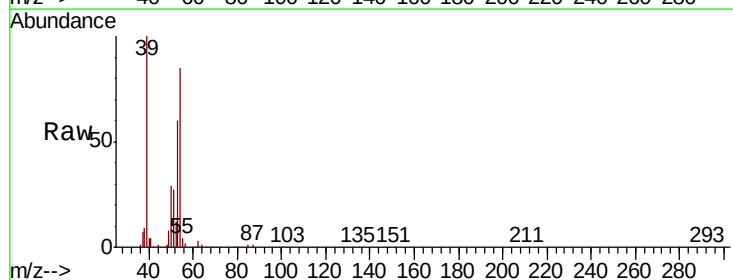
Acq: 1 Jun 2022 11:39

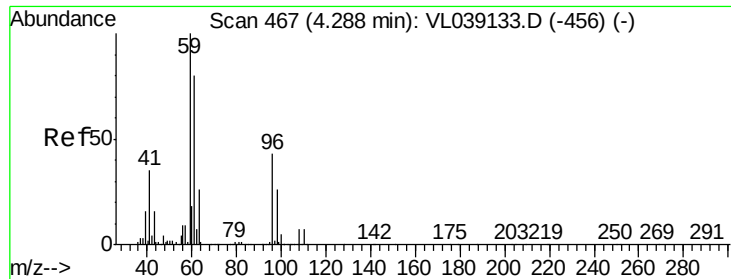
Tgt Ion: 39 Resp: 693211

Ion Ratio Lower Upper

39 100

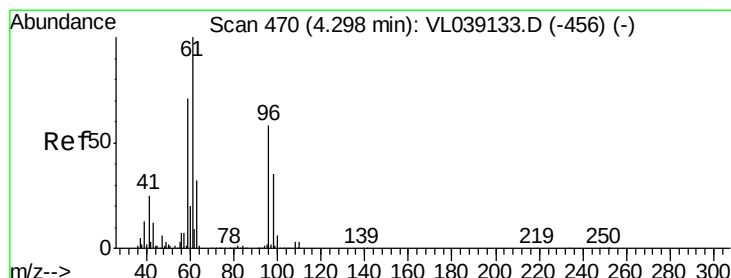
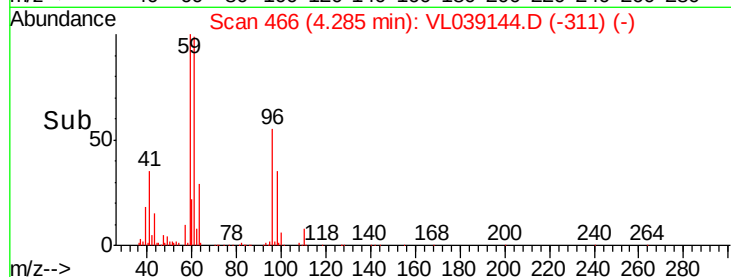
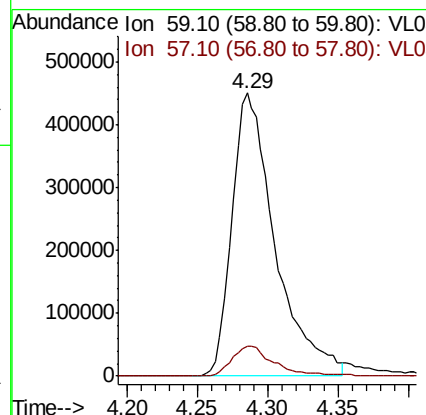
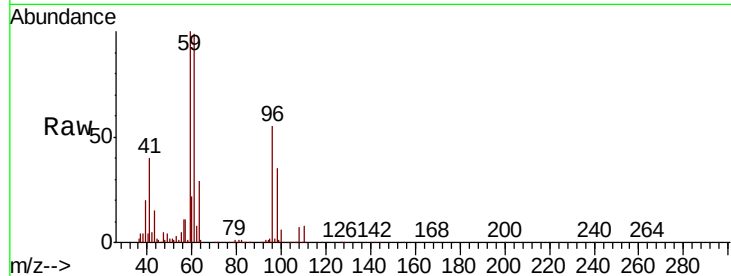
54 79.5 65.8 98.6





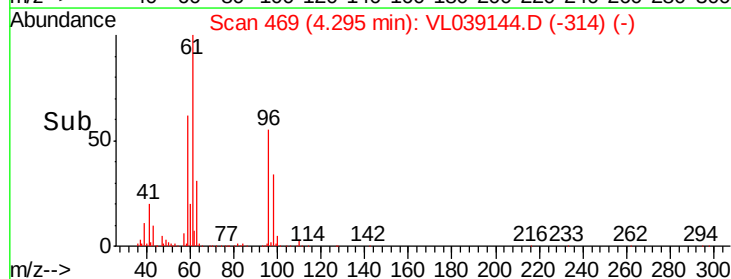
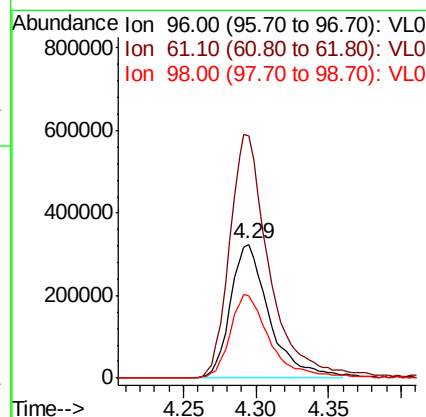
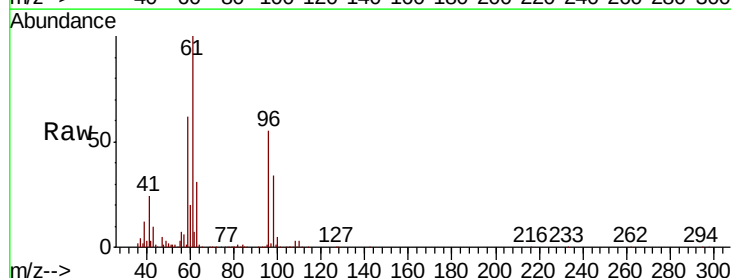
#17
 tert-Butyl alcohol
 Concen: 9.774 ppbv
 RT: 4.29
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 VL0601ABS01
 Acq: 1 Jun 2022 11:39

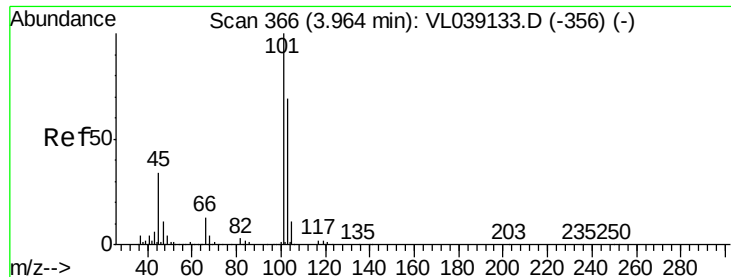
Tot Ion: 59 Resp: 964385
 Ion Ratio Lower Upper
 59 100
 57 10.7 9.1 13.7



#18
 1,1-Dichloroethene
 Concen: 10.502 ppbv
 RT: 4.29 min Scan# 469
 Delta R.T. -0.00 min
 Lab File: VL039144.D
 Acq: 1 Jun 2022 11:39

Tgt Ion: 96 Resp: 604887
 Ion Ratio Lower Upper
 96 100
 61 181.4 138.4 207.6
 98 61.7 47.8 71.8





#19

Isopropyl Alcohol

Concen: 9.463 ppbv

RT: 3.96 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0601ABS01

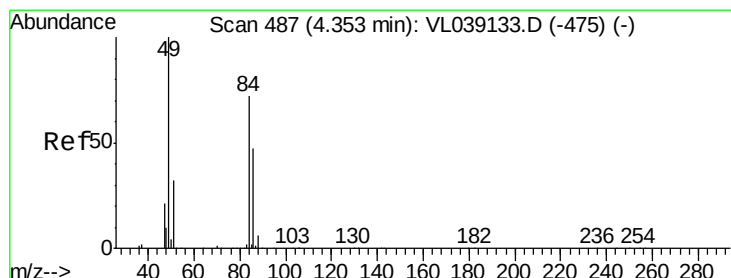
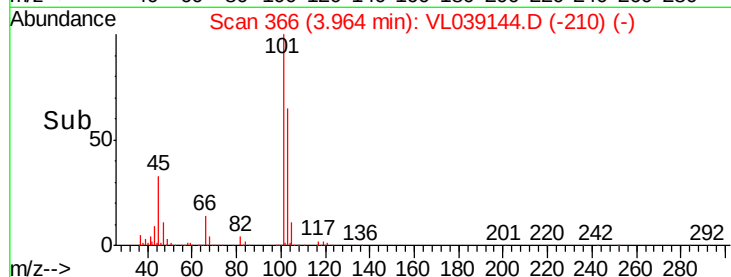
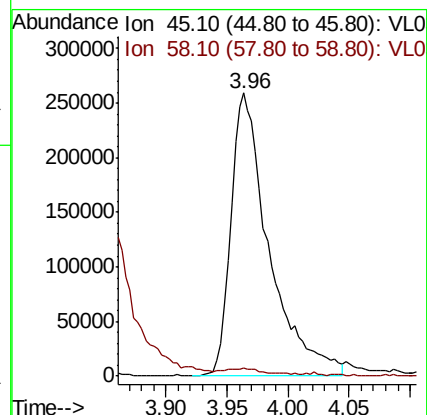
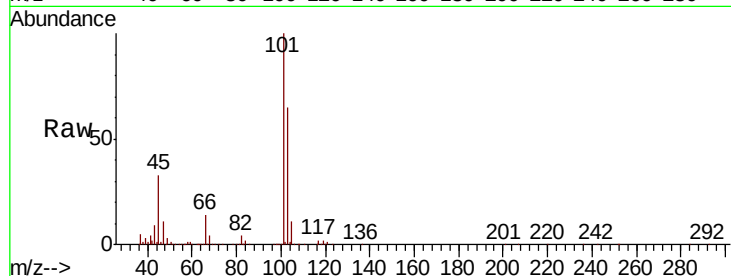
Acq: 1 Jun 2022 11:39

Tot Ion: 45 Resp: 564597

Ion Ratio Lower Upper

45 100

58 1.9 1.8 2.8



#20

Methylene Chloride

Concen: 8.561 ppbv

RT: 4.35 min Scan# 485

Delta R.T. -0.01 min

Lab File: VL039144.D

Acq: 1 Jun 2022 11:39

Tgt Ion: 84 Resp: 458914

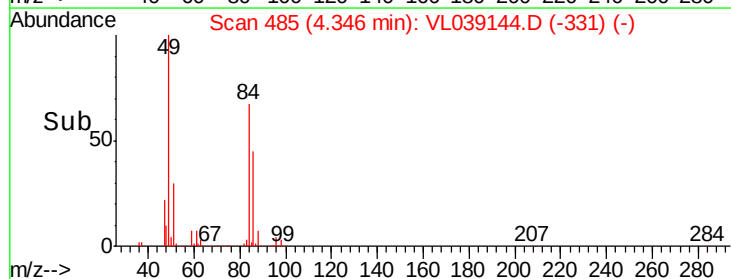
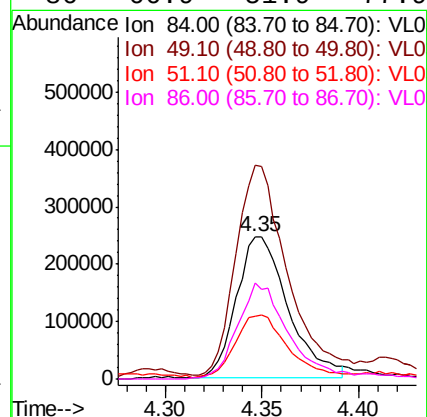
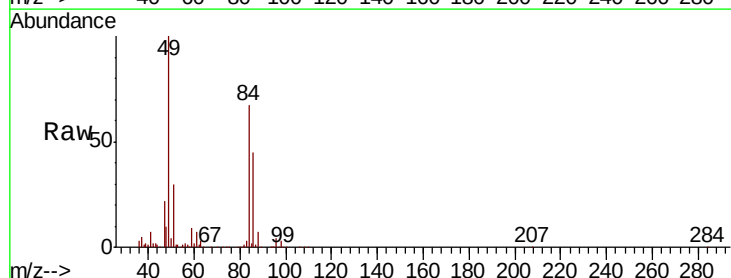
Ion Ratio Lower Upper

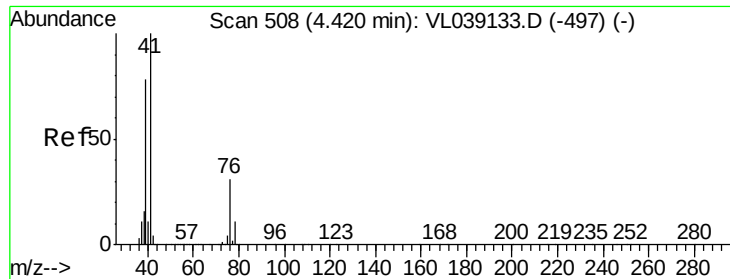
84 100

49 148.5 111.1 166.7

51 43.4 35.3 52.9

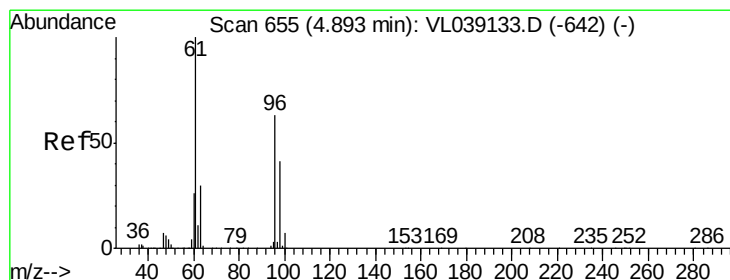
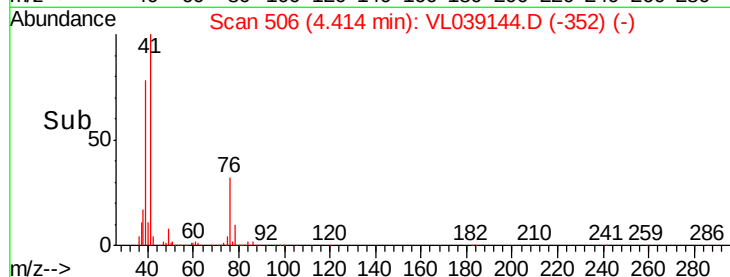
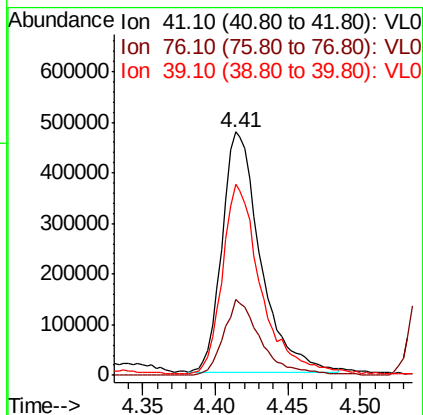
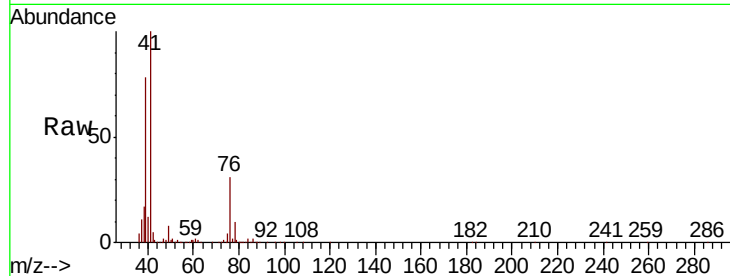
86 66.9 51.9 77.9





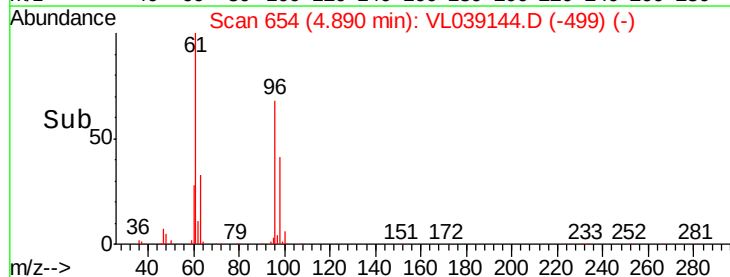
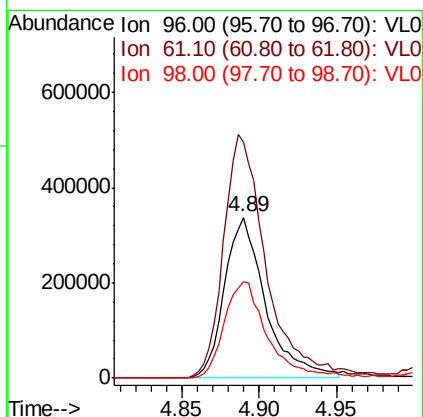
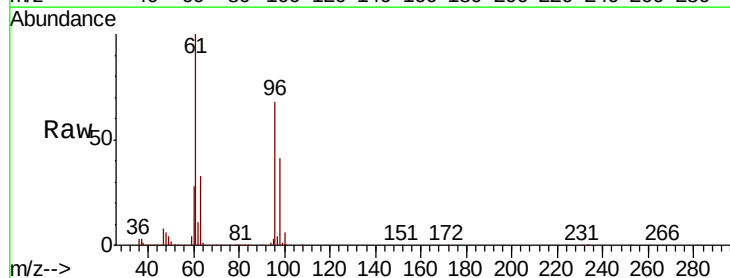
#21
 Allvl Chloride
 Concen: 10.281 ppbv
 RT: 4.41
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0601ABS01
 Acq: 1 Jun 2022 11:39

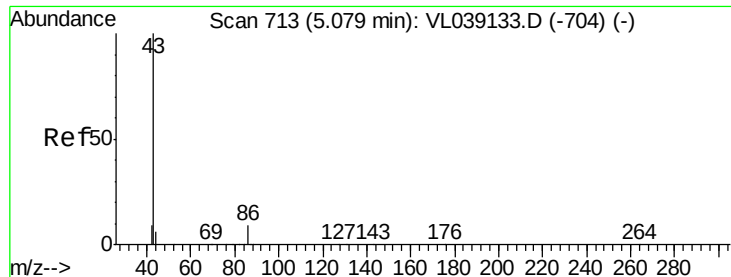
Tot Ion	Ratio	Lower	Upper
41	100		
76	30.6	24.2	36.2
39	80.0	62.2	93.2



#22
 trans-1,2-Dichloroethene
 Concen: 11.220 ppbv
 RT: 4.89 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: VL039144.D
 Acq: 1 Jun 2022 11:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.6	126.6	190.0
98	59.9	52.5	78.7





#23

Vinyl Acetate

Concen: 9.137 ppbv

RT: 5.08 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0601ABS01

Acq: 1 Jun 2022 11:39

Tot Ion: 43 Resp: 961621

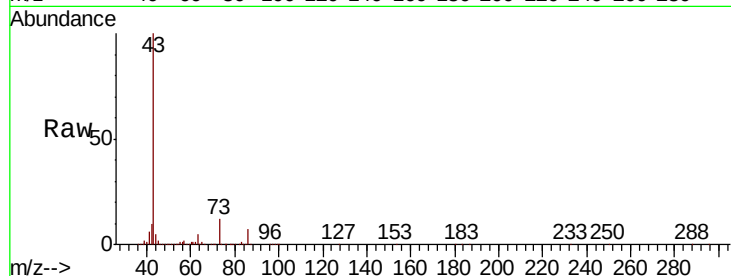
Ion Ratio Lower Upper

43 100

86 7.2 6.0 9.0

42 9.8 8.2 12.4

44 5.1 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

600000

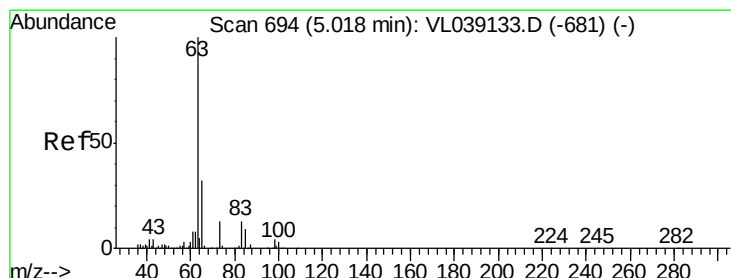
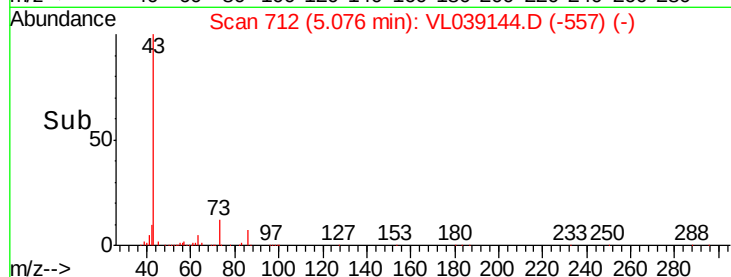
400000

200000

0

5.05 5.10 5.15

Time-->



#24

1,1-Dichloroethane

Concen: 8.047 ppbv

RT: 5.02 min Scan# 693

Delta R.T. -0.00 min

Lab File: VL039144.D

Acq: 1 Jun 2022 11:39

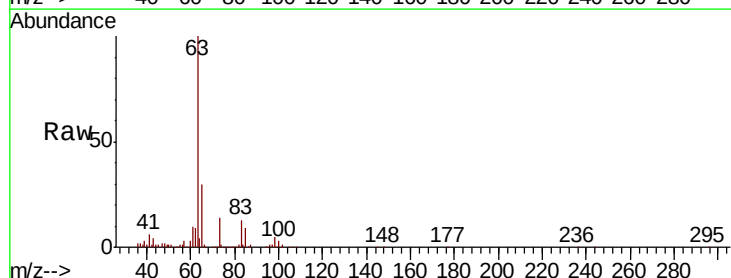
Tgt Ion: 63 Resp: 1160472

Ion Ratio Lower Upper

63 100

98 4.4 2.1 6.2

100 2.6 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

800000

600000

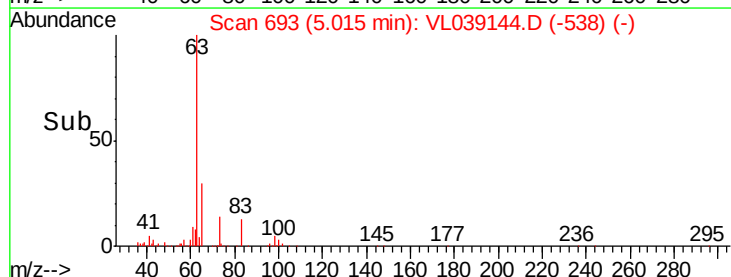
400000

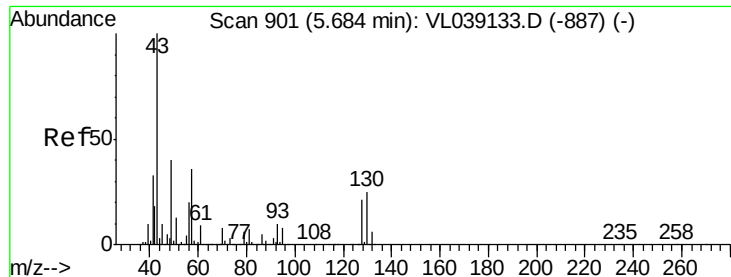
200000

0

4.95 5.00 5.05 5.10

Time-->

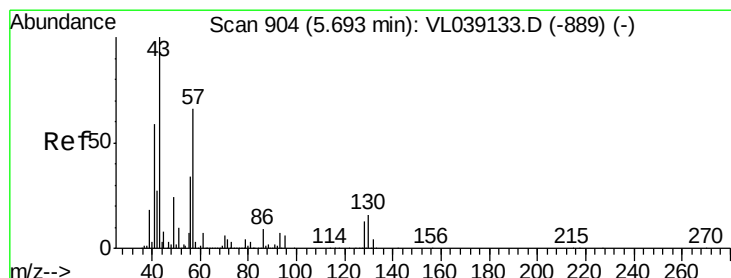
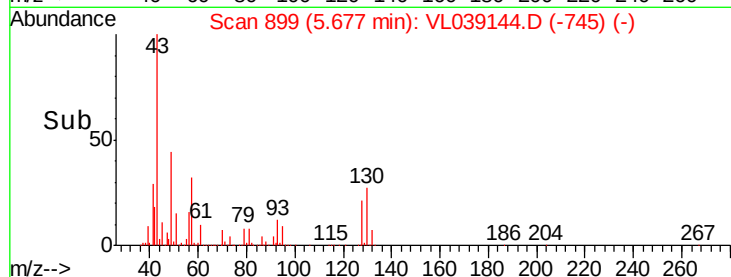
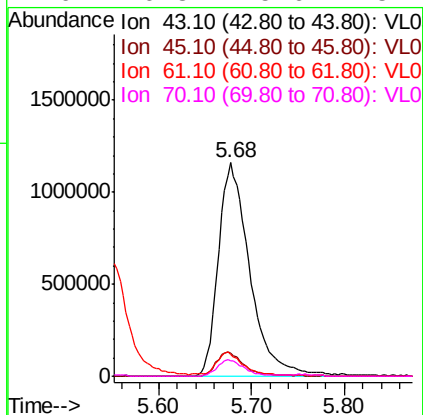
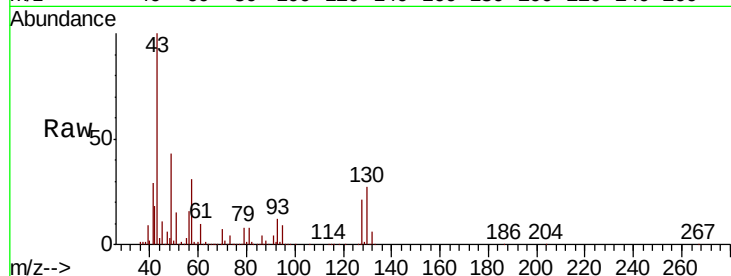




#25
Ethyl Acetate
Concen: 9.484 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 1 Jun 2022 11:39

Tot Ion: 43 Resp: 2719159

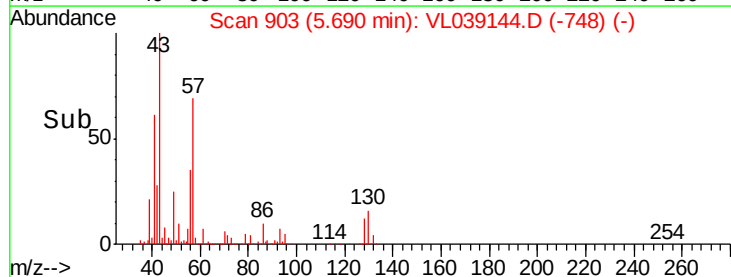
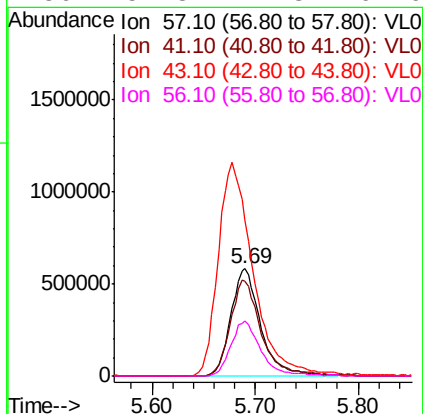
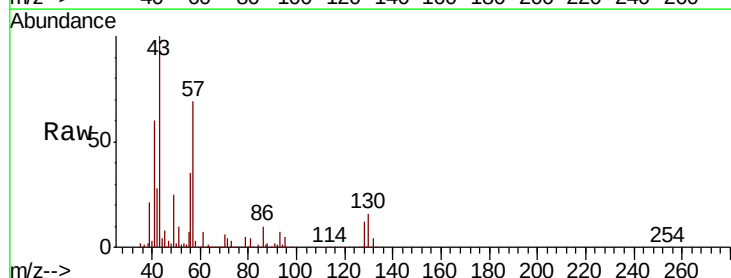
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.2	12.2
61	10.0	8.4	12.6
70	6.8	5.6	8.4

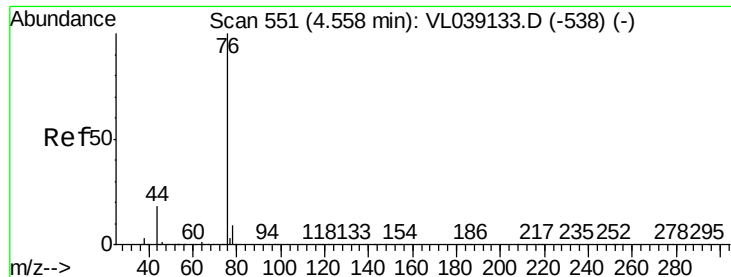


#26
Hexane
Concen: 9.331 ppbv
RT: 5.69 min Scan# 903
Delta R.T.: -0.00 min
Lab File: VL039144.D
Acq: 1 Jun 2022 11:39

Tgt Ion: 57 Resp: 1175658

Ion	Ratio	Lower	Upper
57	100		
41	93.0	72.4	108.6
43	233.1	187.0	280.6
56	51.8	41.8	62.6





#27

Carbon Disulfide

Concen: 10.849 ppbv

RT: 4.56 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0601ABS01

Acq: 1 Jun 2022 11:39

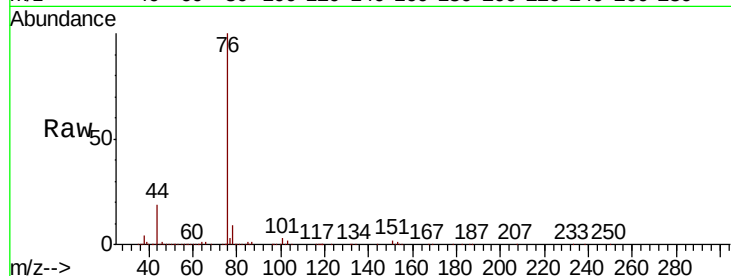
Tot Ion: 76 Resp: 1416702

Ion Ratio Lower Upper

76 100

44 18.3 14.4 21.6

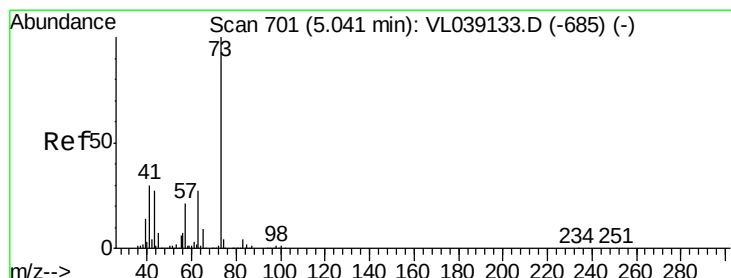
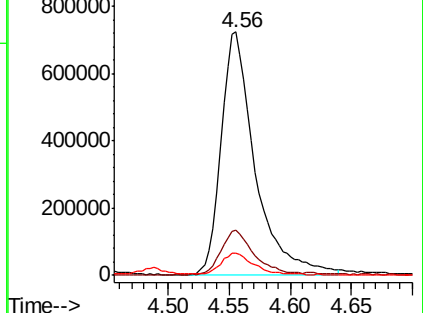
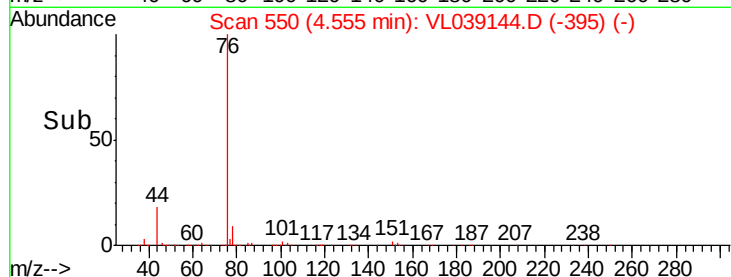
78 10.0 7.7 11.5



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: 7.441 ppbv

RT: 5.04 min Scan# 700

Delta R.T. -0.00 min

Lab File: VL039144.D

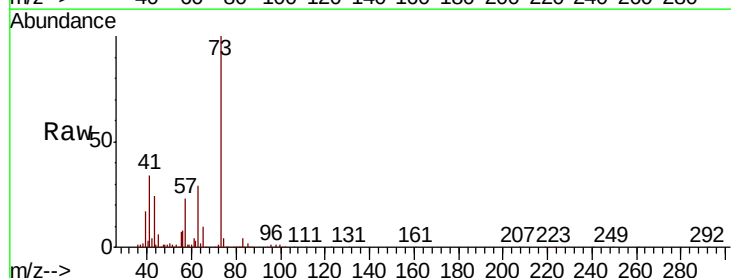
Acq: 1 Jun 2022 11:39

Tgt Ion: 73 Resp: 1035057

Ion Ratio Lower Upper

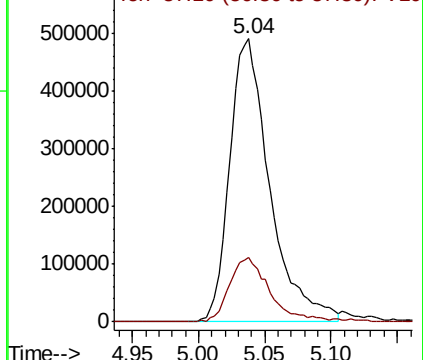
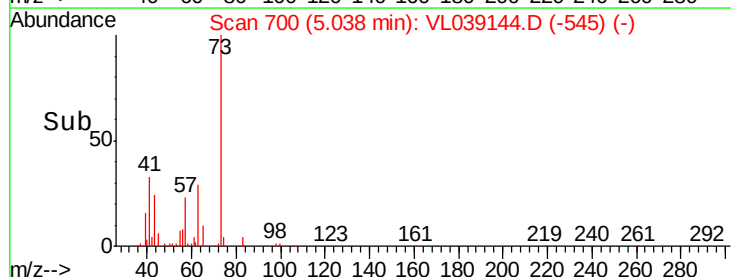
73 100

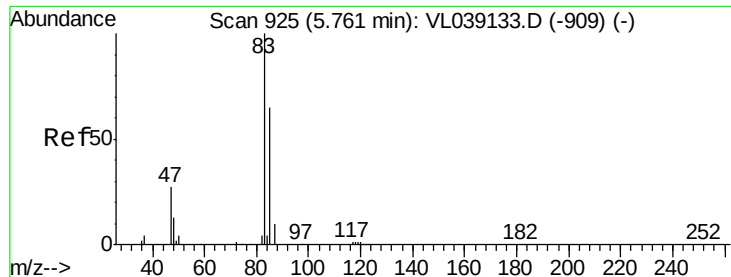
57 23.4 18.6 27.8



Abundance Ion 73.10 (72.80 to 73.80): VL0

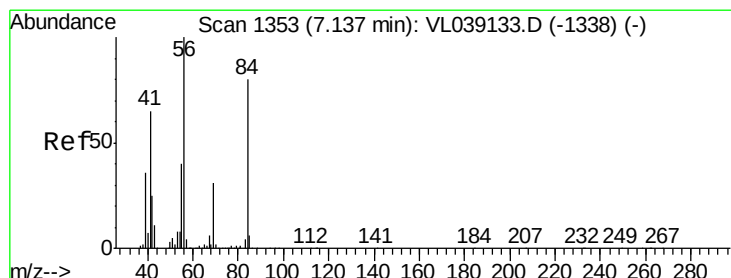
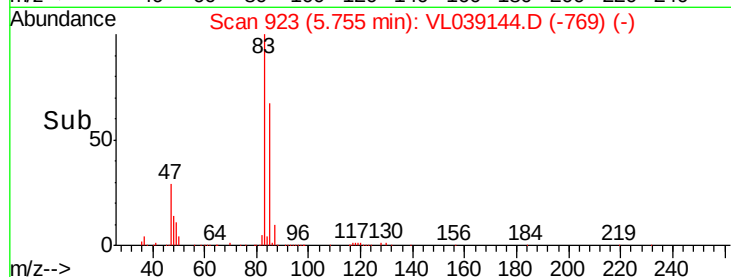
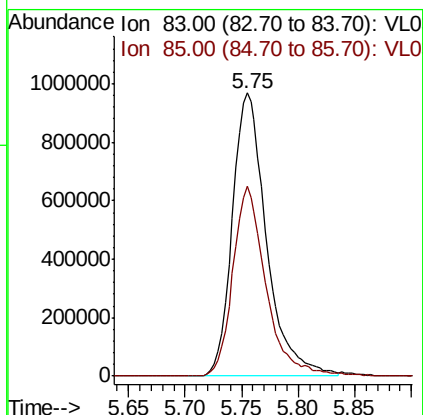
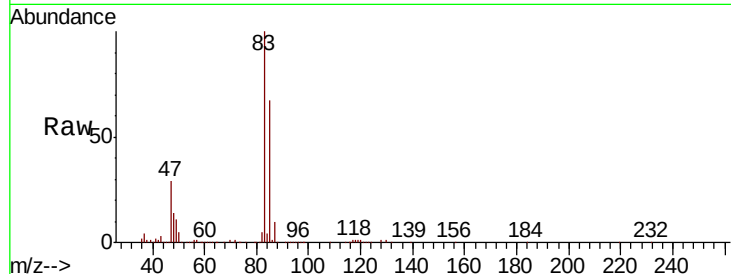
Ion 57.10 (56.80 to 57.80): VL0





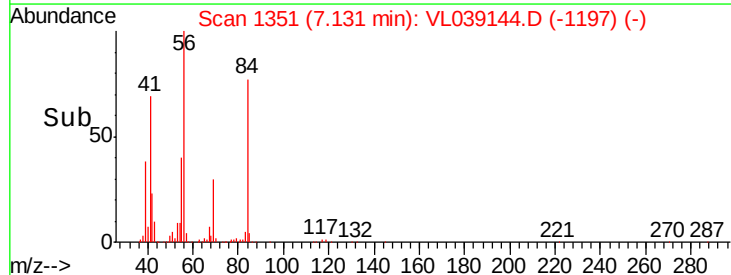
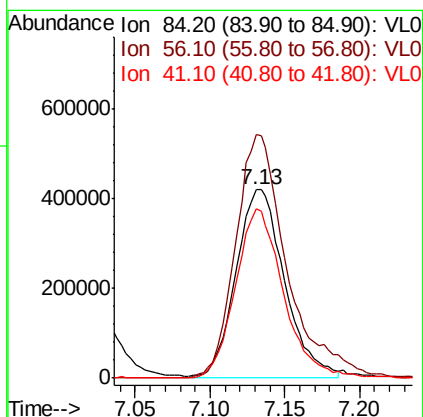
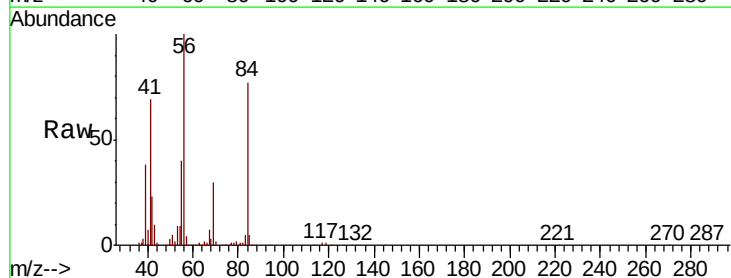
#29
Chloroform
Concen: 9.597 ppbv
RT: 5.75
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 1 Jun 2022 11:39 VL0601ABS01

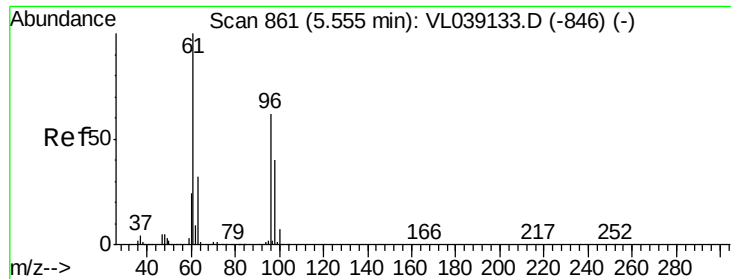
Tot Ion: 83 Resp: 2034611
Ion Ratio Lower Upper
83 100
85 67.0 52.4 78.6



#30
Cyclohexane
Concen: 8.955 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. -0.01 min
Lab File: VL039144.D
Acq: 1 Jun 2022 11:39

Tgt Ion: 84 Resp: 947819
Ion Ratio Lower Upper
84 100
56 137.9 110.6 165.8
41 89.6 68.9 103.3





#31

cis-1,2-Dichloroethene

Concen: 9.649 ppbv

RT: 5.55 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 1 Jun 2022 11:39 VL0601ABS01

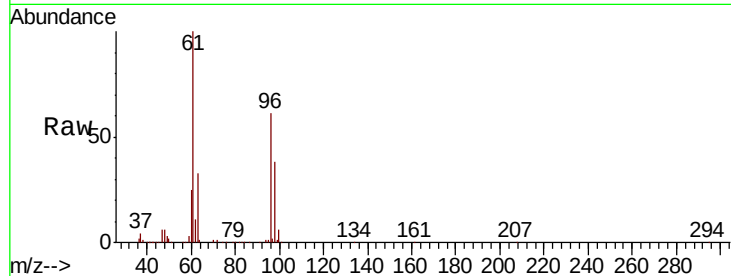
Tot Ion: 61 Resp: 1239636

Ion Ratio Lower Upper

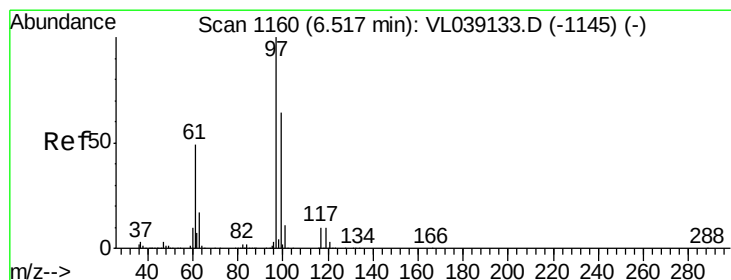
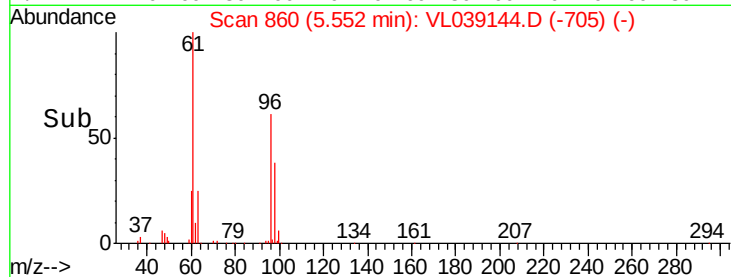
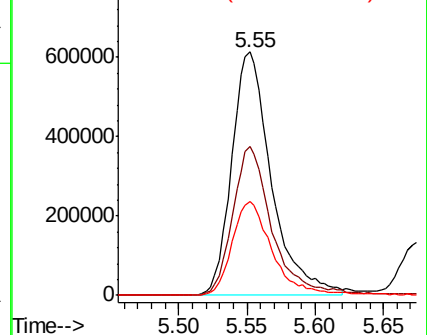
61 100

96 60.8 49.9 74.9

98 38.3 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: 10.028 ppbv

RT: 6.51 min Scan# 1159

Delta R.T. -0.00 min

Lab File: VL039144.D

Acq: 1 Jun 2022 11:39

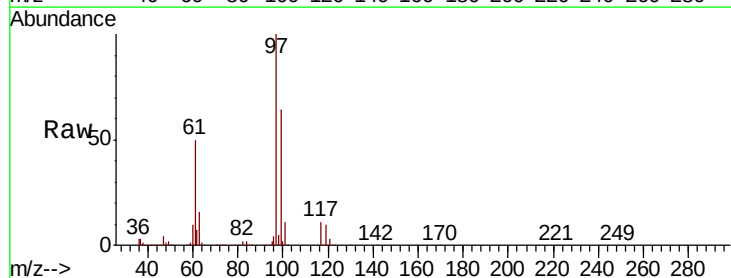
Tgt Ion: 97 Resp: 2080398

Ion Ratio Lower Upper

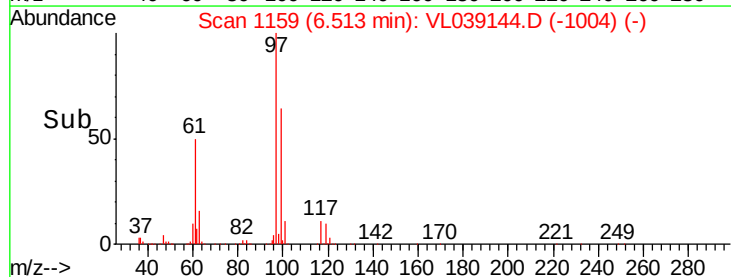
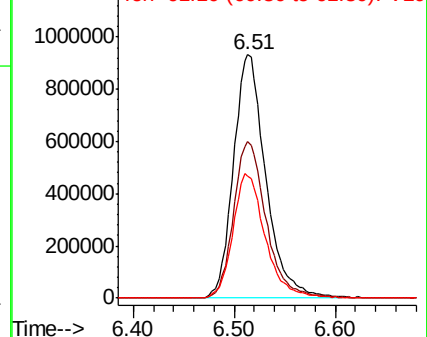
97 100

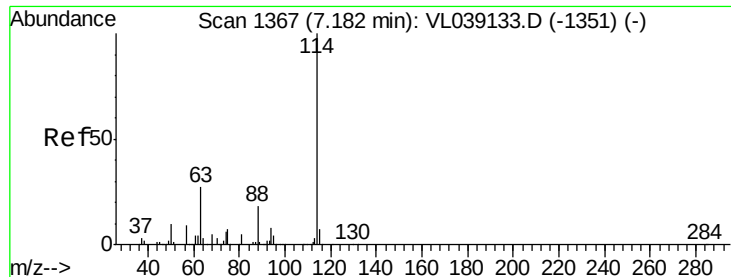
99 65.0 52.1 78.1

61 51.1 40.0 60.0



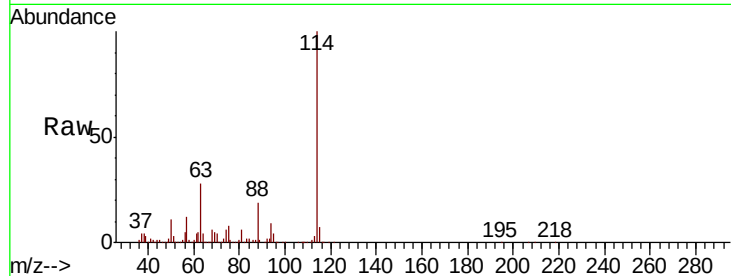
Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 99.00 (98.70 to 99.70): VL0
Ion 61.10 (60.80 to 61.80): VL0



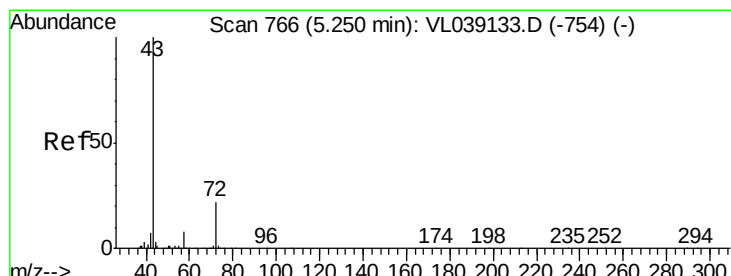
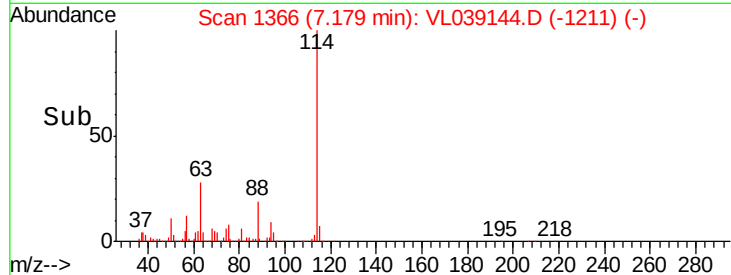
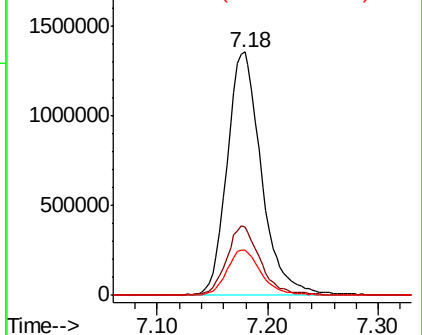


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VL0601ABS01
 Acq: 1 Jun 2022 11:39

Tot Ion:114 Resp: 2924864
 Ion Ratio Lower Upper
 114 100
 63 28.7 21.7 32.5
 88 18.6 14.8 22.2

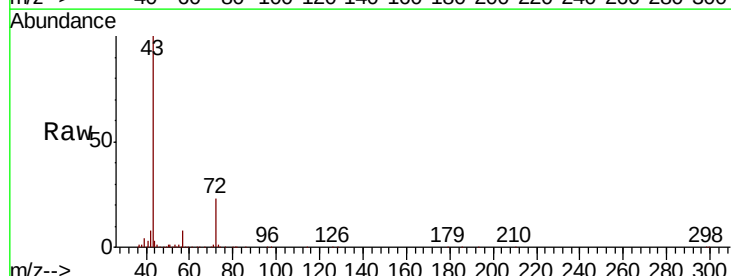


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

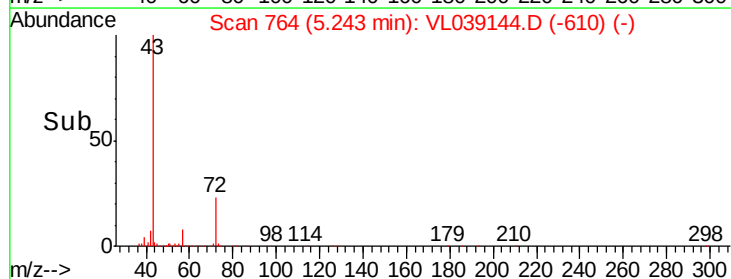
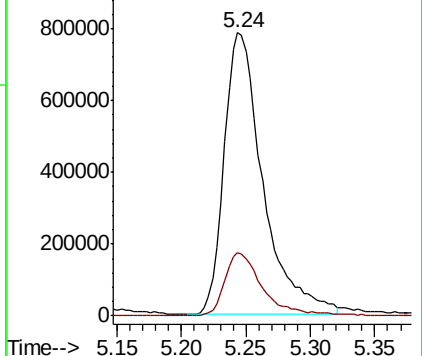


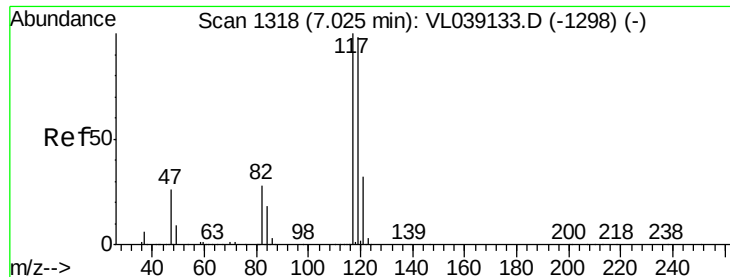
#34
 2-Butanone
 Concen: 10.338 ppbv
 RT: 5.24 min Scan# 764
 Delta R.T.: -0.01 min
 Lab File: VL039144.D
 Acq: 1 Jun 2022 11:39

Tgt Ion: 43 Resp: 1642734
 Ion Ratio Lower Upper
 43 100
 72 22.7 18.2 27.2



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

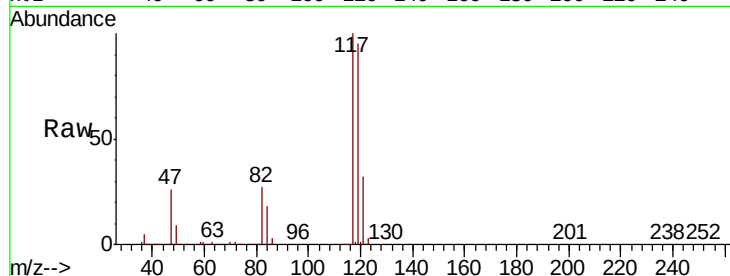




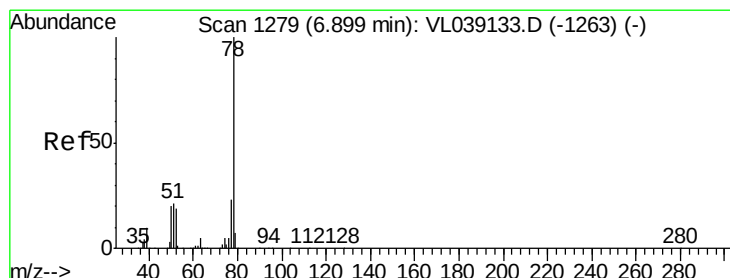
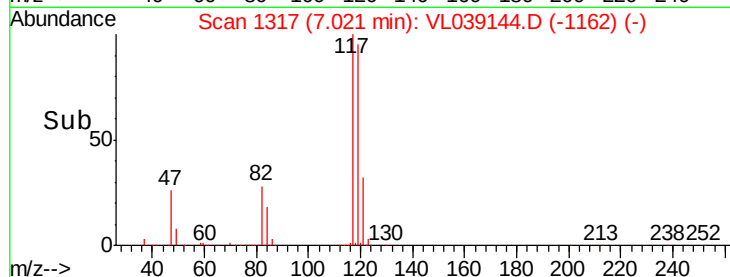
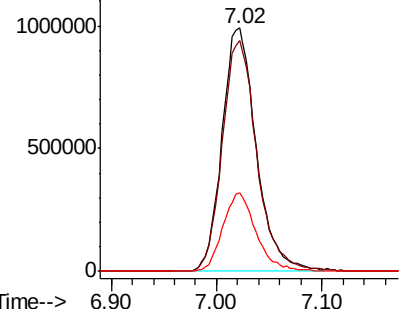
#35
Carbon Tetrachloride
Concen: 10.450 ppbv
RT: 7.02
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0601ABS01
Acq: 1 Jun 2022 11:39

Tot Ion:117 Resp: 2230954

Ion	Ratio	Lower	Upper
117	100		
119	95.0	78.6	118.0
121	32.1	25.4	38.0



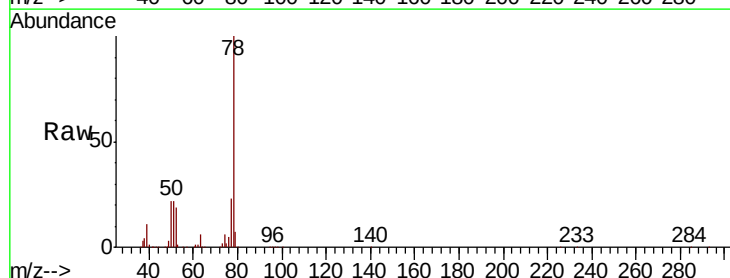
Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V



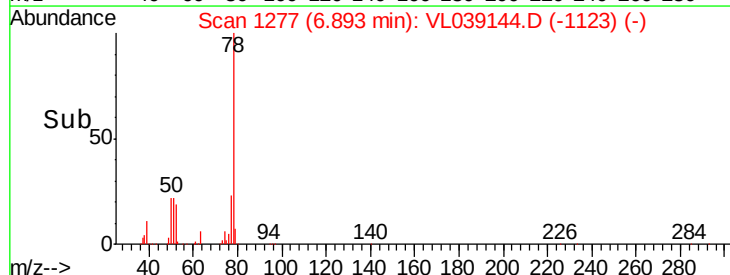
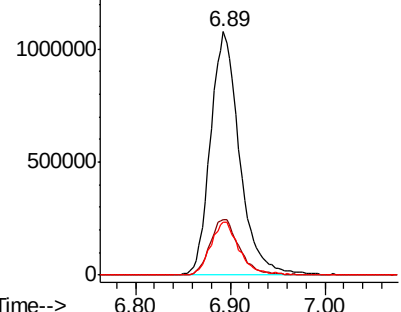
#36
Benzene
Concen: 9.681 ppbv
RT: 6.89 min Scan# 1277
Delta R.T. -0.01 min
Lab File: VL039144.D
Acq: 1 Jun 2022 11:39

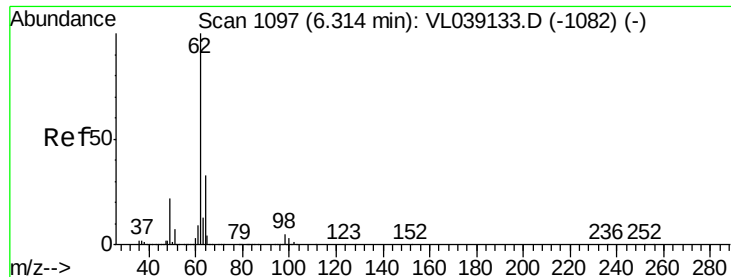
Tgt Ion: 78 Resp: 2298789

Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.6	27.8
50	21.8	15.8	23.8



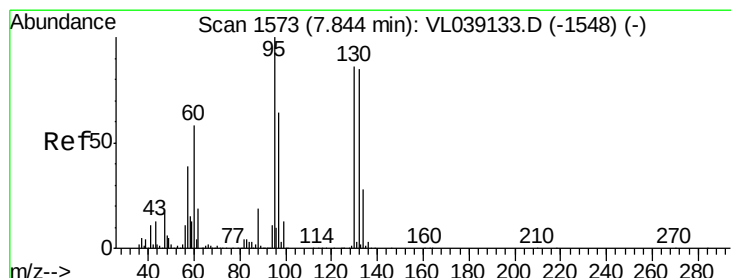
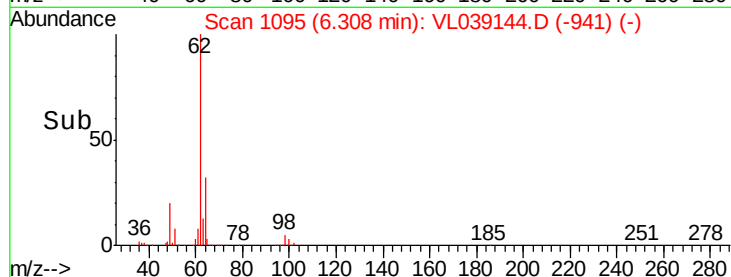
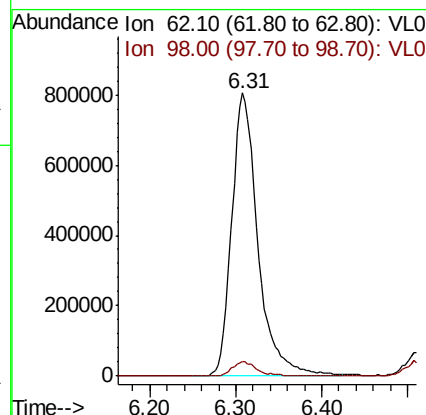
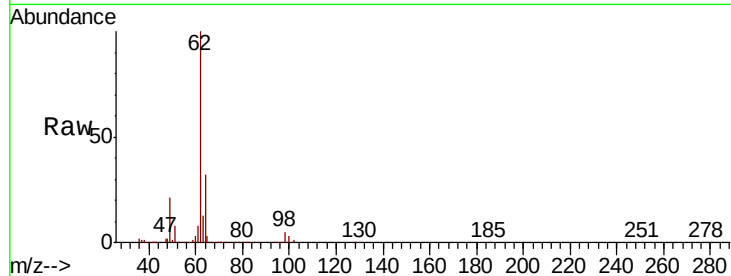
Abundance Ion 78.10 (77.80 to 78.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0





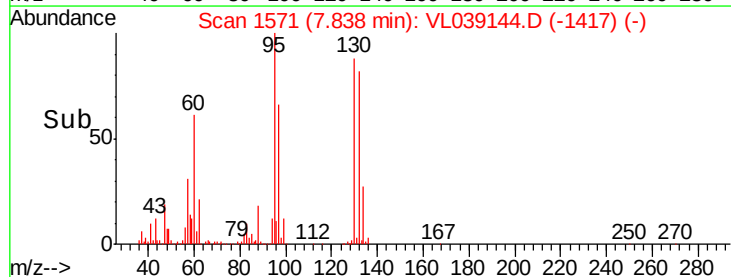
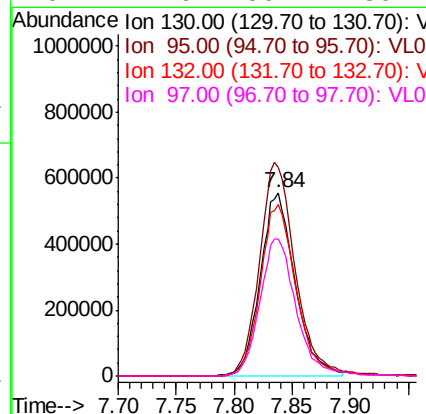
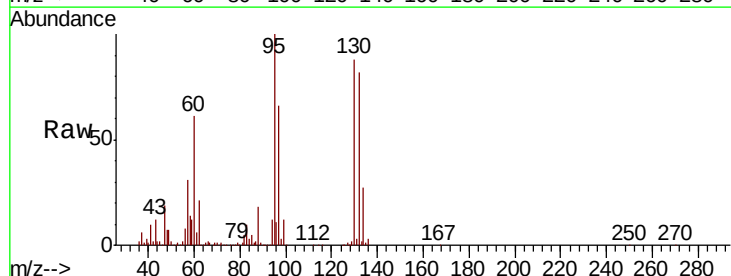
#37
 1,2-Dichloroethane
 Concen: 10.910 ppbv
 RT: 6.31
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0601ABS01
 Acq: 1 Jun 2022 11:39

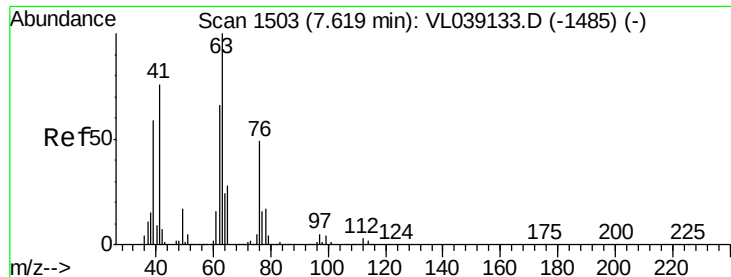
Tot Ion: 62 Resp: 1704997
 Ion Ratio Lower Upper
 62 100
 98 5.0 4.3 6.5



#38
 Trichloroethene
 Concen: 10.653 ppbv
 RT: 7.84 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: VL039144.D
 Acq: 1 Jun 2022 11:39

Tgt Ion: 130 Resp: 1161926
 Ion Ratio Lower Upper
 130 100
 95 113.6 93.3 139.9
 132 93.2 79.0 118.4
 97 74.9 59.4 89.2





#39

1,2-Dichloropropane

Concen: 9.529 ppbv

RT: 7.62 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 1 Jun 2022 11:39 VL0601ABS01

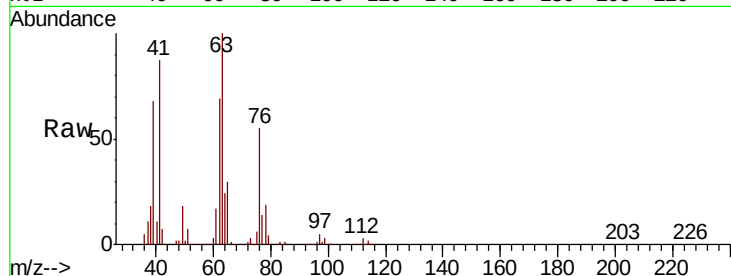
Tot Ion: 63 Resp: 900038

Ion Ratio Lower Upper

63 100

41 86.6 60.8 91.2

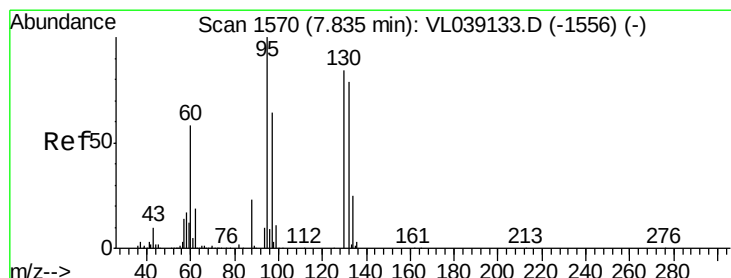
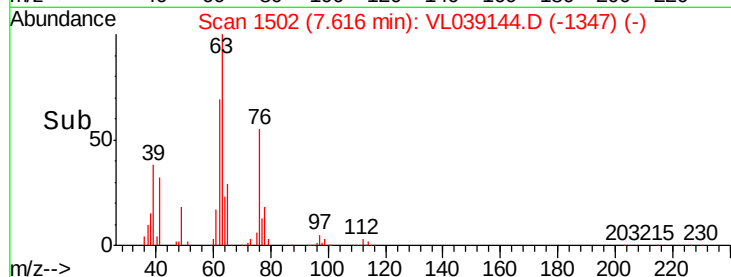
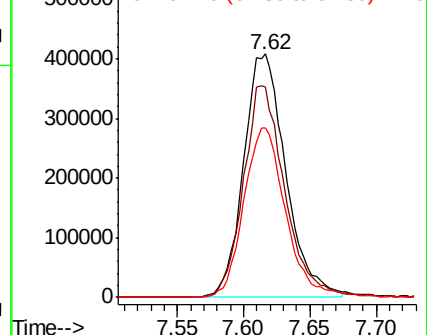
62 69.4 52.9 79.3



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: 9.578 ppbv

RT: 7.83 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VL039144.D

Acq: 1 Jun 2022 11:39

Tgt Ion: 88 Resp: 297807

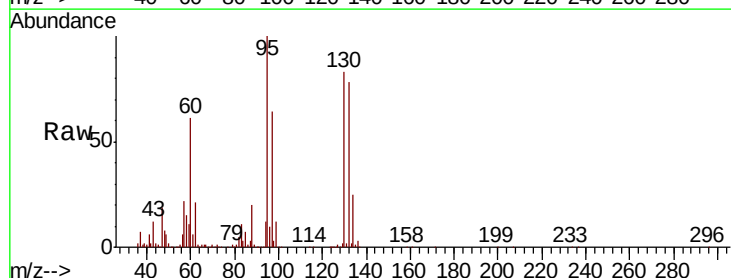
Ion Ratio Lower Upper

88 100

58 71.9 111.2 166.8#

43 0.0 234.2 351.4#

57 0.0 1039.9 1559.9#

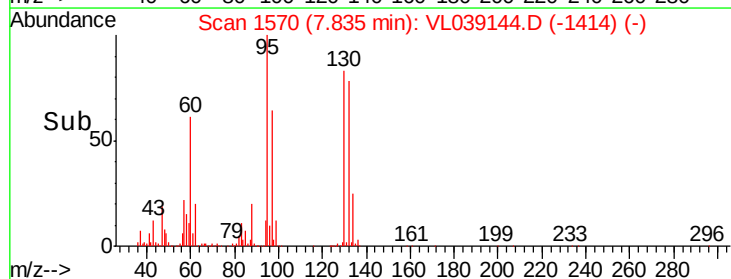
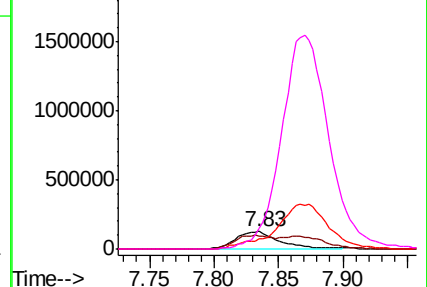


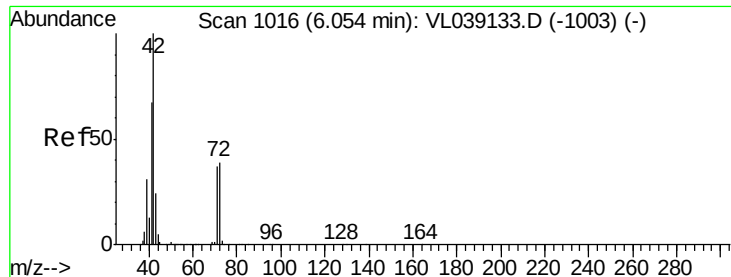
Abundance Ion 88.10 (87.80 to 88.80): VL0

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: 9.830 ppbv

RT: 6.05 Instrument: MSVOA_1

Delta R.T. -0.00 min

Lab File: VL0601ABS01 ClientSampleId:

Acq: 1 Jun 2022 11:39

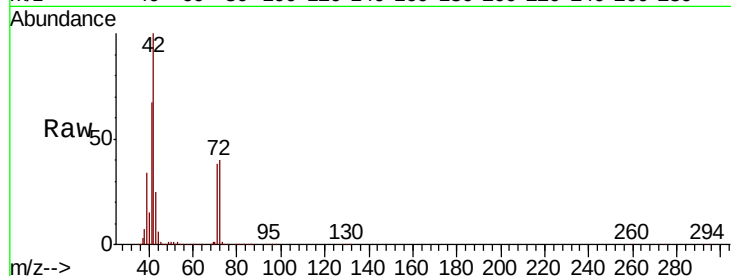
Tot Ion: 42 Resp: 939426

Ion Ratio Lower Upper

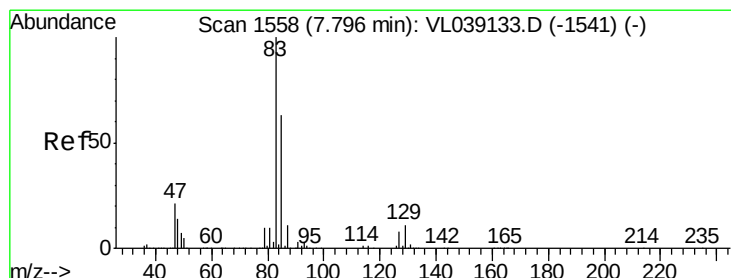
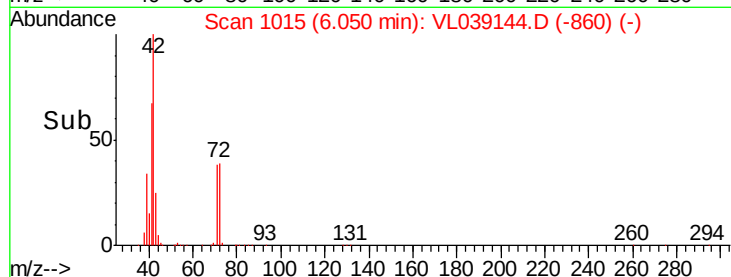
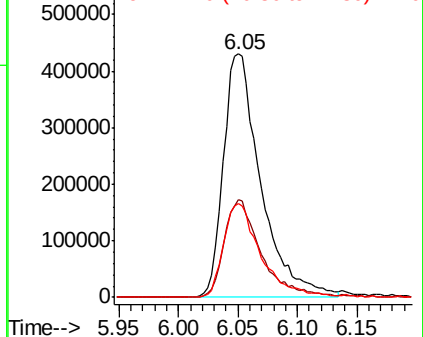
42 100

72 40.3 32.0 48.0

71 39.1 31.1 46.7



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



#42

Bromodichloromethane

Concen: 10.603 ppbv

RT: 7.79 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VL039144.D

Acq: 1 Jun 2022 11:39

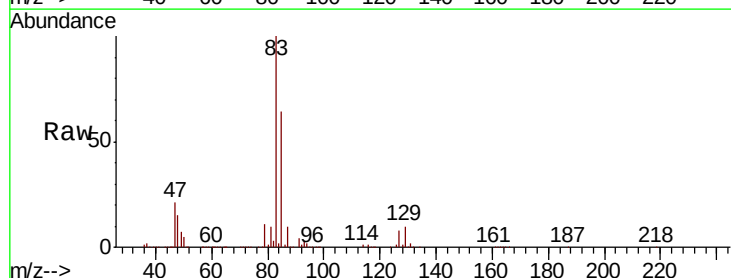
Tgt Ion: 83 Resp: 2299636

Ion Ratio Lower Upper

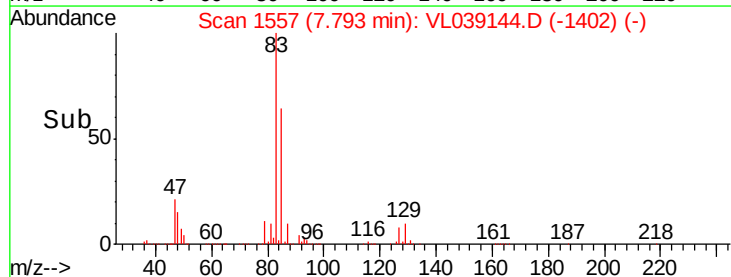
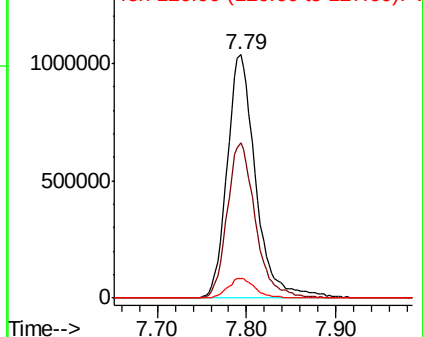
83 100

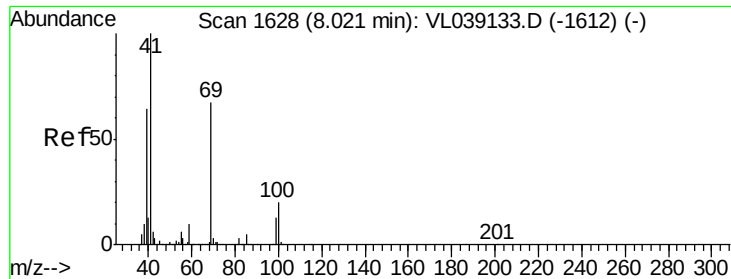
85 63.9 50.2 75.4

127 8.1 6.6 9.8



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0
Ion 126.90 (126.60 to 127.60): V





#43

Methyl Methacrylate

Concen: 10.508 ppbv

RT: 8.01

Instrument: MSVOA_1

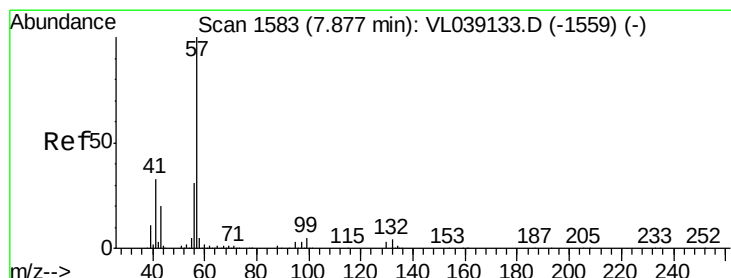
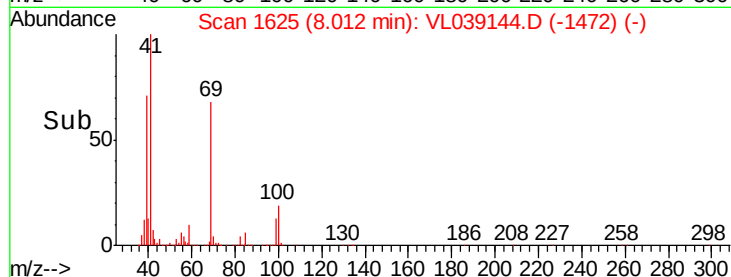
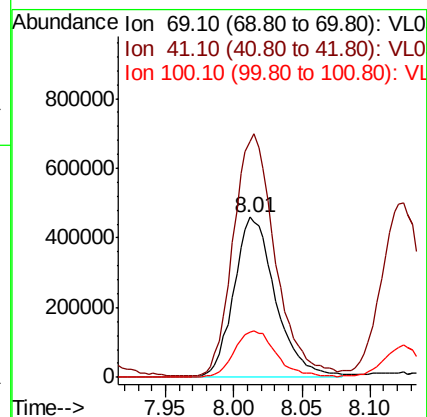
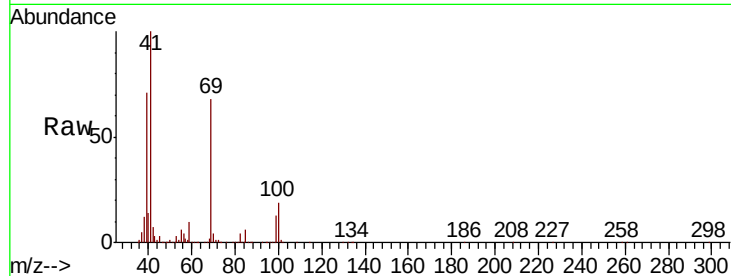
Delta R.T. ClientSampleId:

Lab File: VL0601ABS01

Acq: 1 Jun 2022 11:39

Tot Ion: 69 Resp: 971959

Ion	Ratio	Lower	Upper
69	100		
41	153.6	121.9	182.9
100	29.7	24.1	36.1



#44

2,2,4-Trimethylpentane

Concen: 9.604 ppbv

RT: 7.87 min Scan# 1581

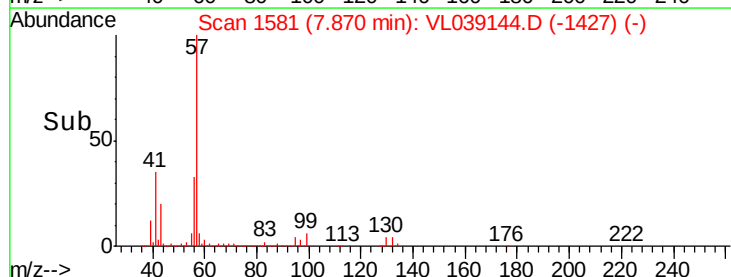
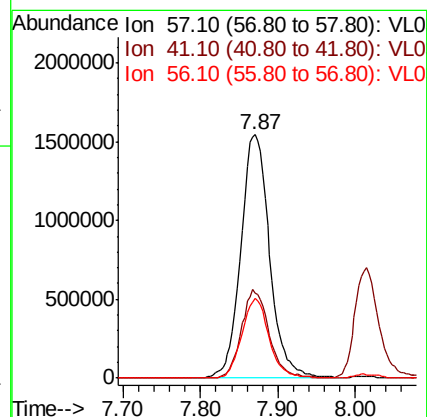
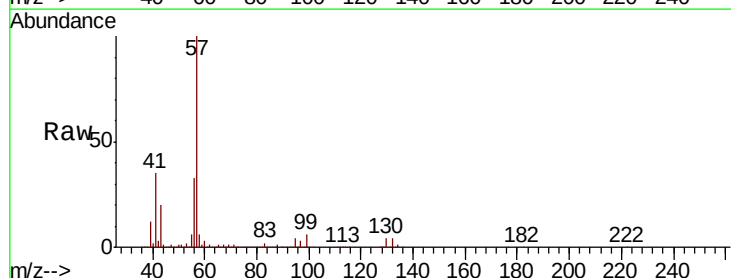
Delta R.T. -0.01 min

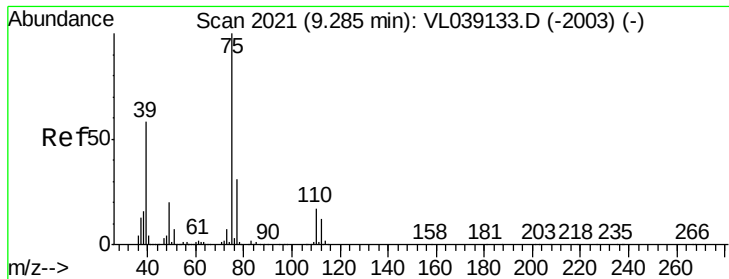
Lab File: VL039144.D

Acq: 1 Jun 2022 11:39

Tgt Ion: 57 Resp: 3989643

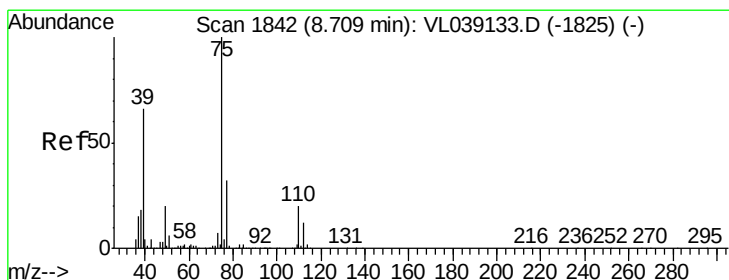
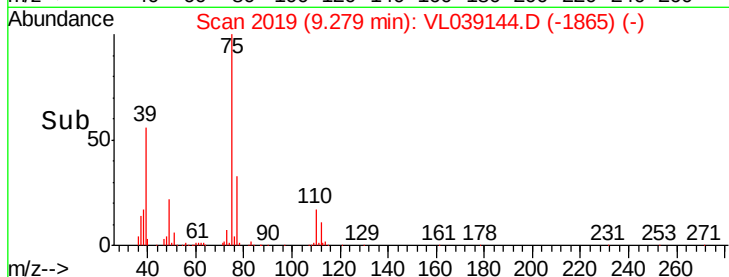
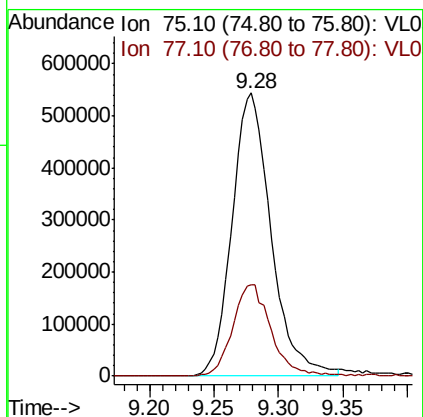
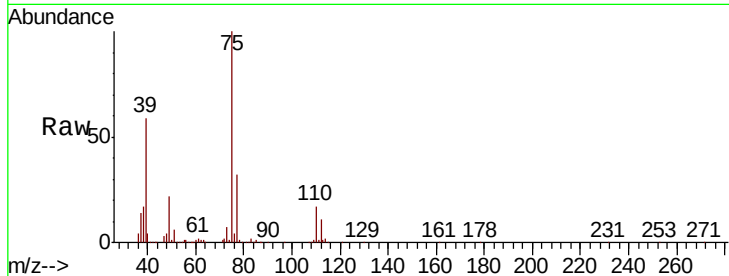
Ion	Ratio	Lower	Upper
57	100		
41	34.6	26.2	39.4
56	30.9	24.7	37.1





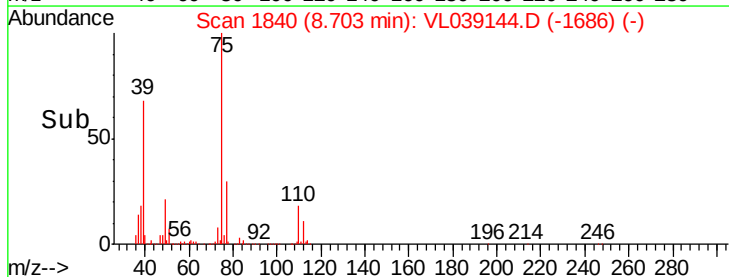
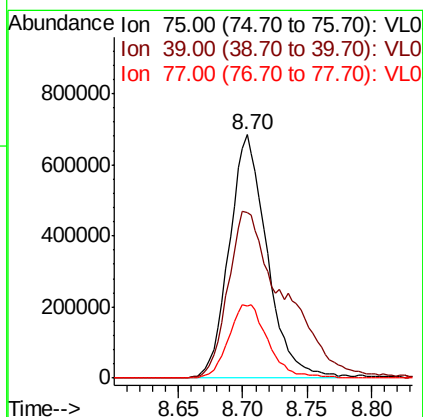
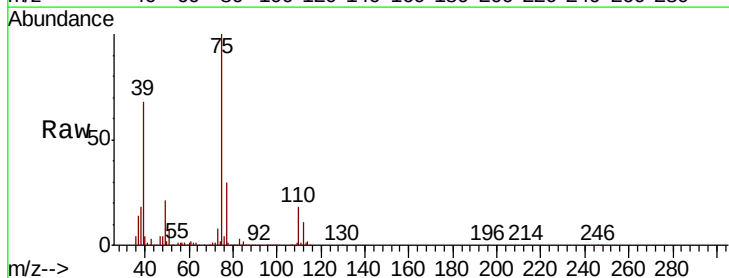
#45
t-1,3-Dichloropropene
Concen: 11.820 ppbv
RT: 9.28
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0601ABS01
Acq: 1 Jun 2022 11:39

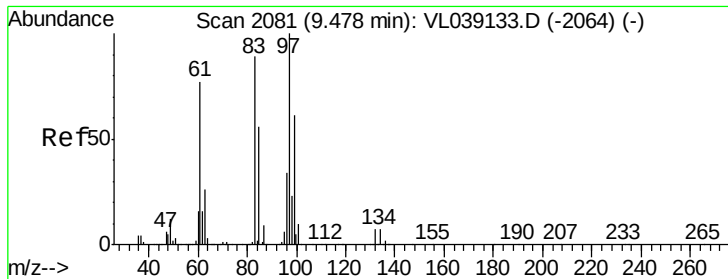
Tot Ion: 75 Resp: 1138636
Ion Ratio Lower Upper
75 100
77 32.4 24.4 36.6



#46
cis-1,3-Dichloropropene
Concen: 10.885 ppbv
RT: 8.70 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VL039144.D
Acq: 1 Jun 2022 11:39

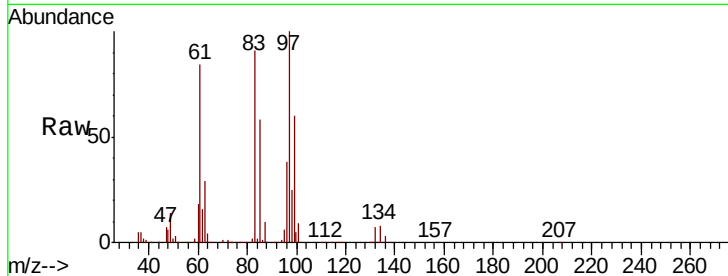
Tgt Ion: 75 Resp: 1385114
Ion Ratio Lower Upper
75 100
39 68.0 52.4 78.6
77 29.6 25.5 38.3



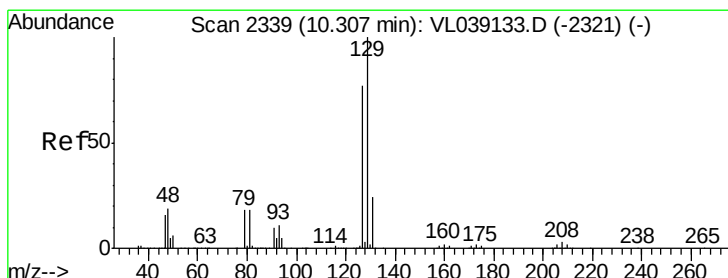
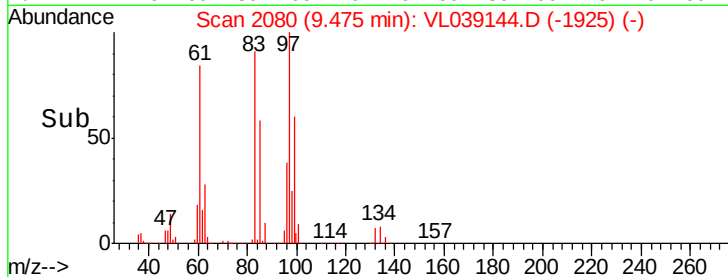
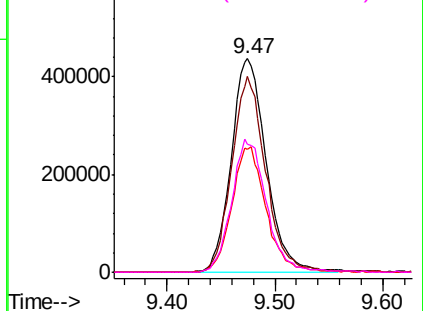


#47
 1,1,2-Trichloroethane
 Concen: 10.043 ppbv
 RT: 9.47
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0601ABS01
 Acq: 1 Jun 2022 11:39

Tot Ion: 97 Resp: 989581
 Ion Ratio Lower Upper
 97 100
 83 91.4 71.6 107.4
 85 57.7 44.8 67.2
 99 60.0 49.0 73.4

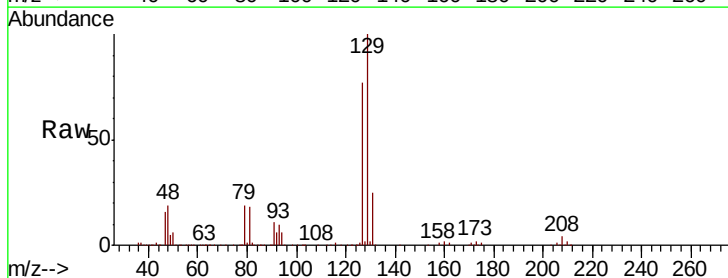


Abundance Ion 97.00 (96.70 to 97.70): VL0
 Ion 83.00 (82.70 to 83.70): VL0
 Ion 85.00 (84.70 to 85.70): VL0
 Ion 99.00 (98.70 to 99.70): VL0

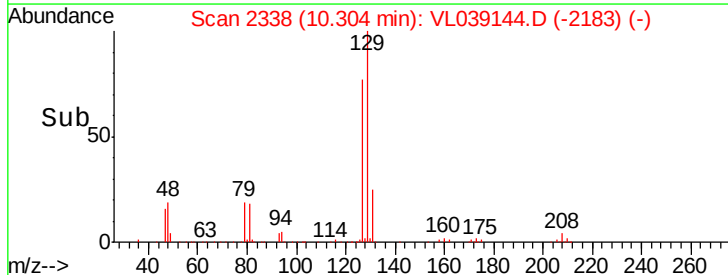
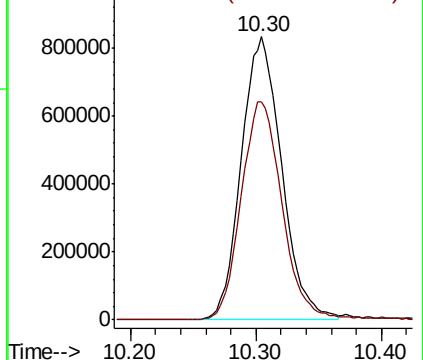


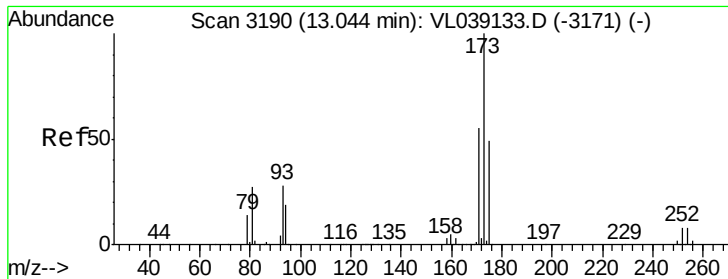
#48
 Dibromochloromethane
 Concen: 10.601 ppbv
 RT: 10.30 min Scan# 2338
 Delta R.T. -0.00 min
 Lab File: VL039144.D
 Acq: 1 Jun 2022 11:39

Tgt Ion: 129 Resp: 1865136
 Ion Ratio Lower Upper
 129 100
 127 78.9 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: 10.552 ppbv

RT: 13.04

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 1 Jun 2022 11:39

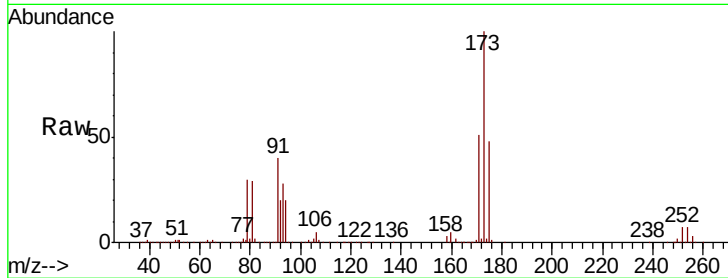
Tot Ion:173 Resp: 1547257

Ion Ratio Lower Upper

173 100

175 51.5 40.2 60.2

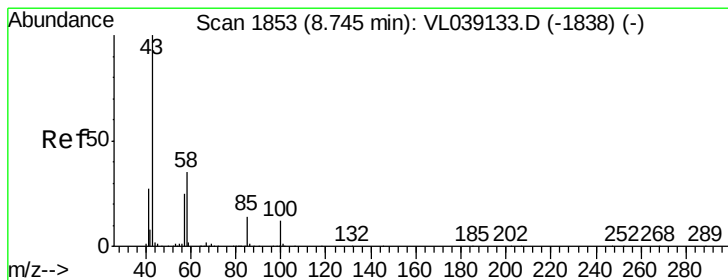
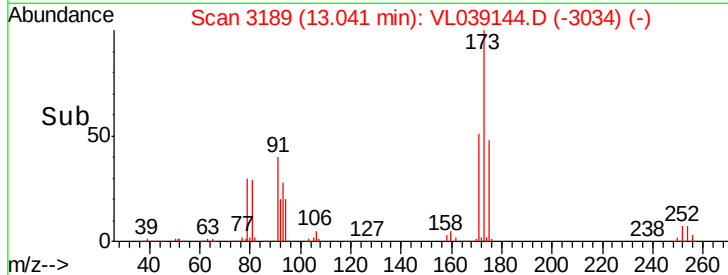
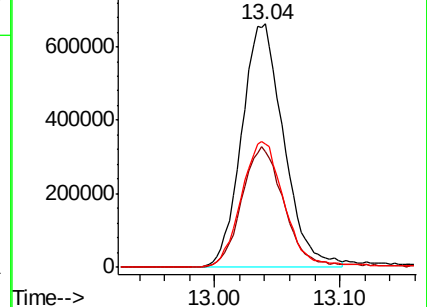
171 54.5 43.9 65.9



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: 10.265 ppbv

RT: 8.74 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VL039144.D

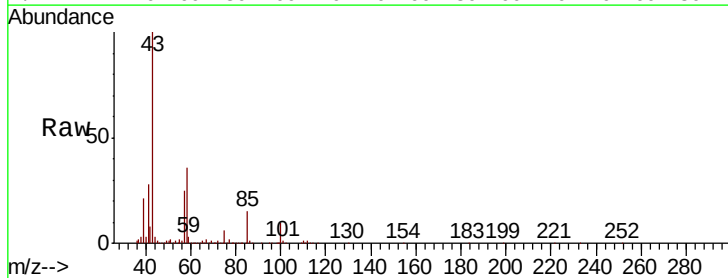
Acq: 1 Jun 2022 11:39

Tgt Ion: 43 Resp: 2441588

Ion Ratio Lower Upper

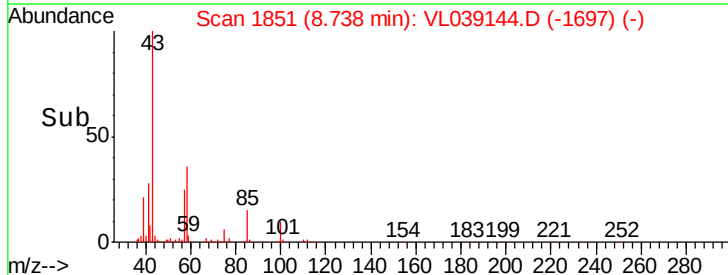
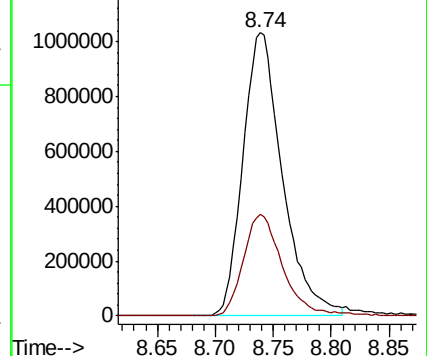
43 100

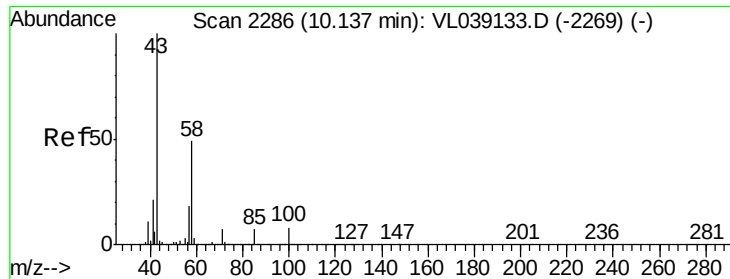
58 36.1 28.7 43.1



Abundance Ion 43.10 (42.80 to 43.80): VL0

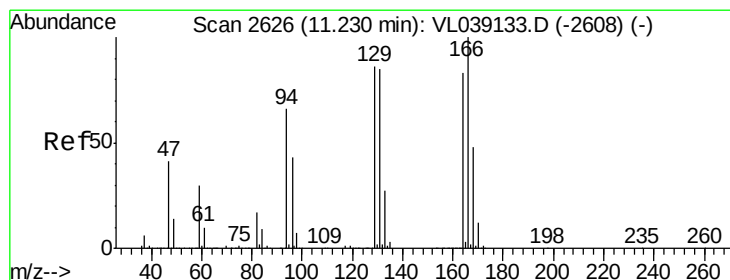
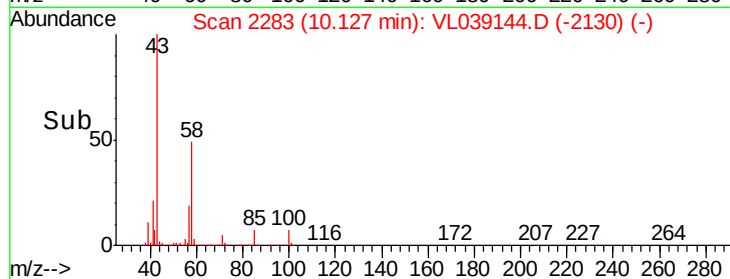
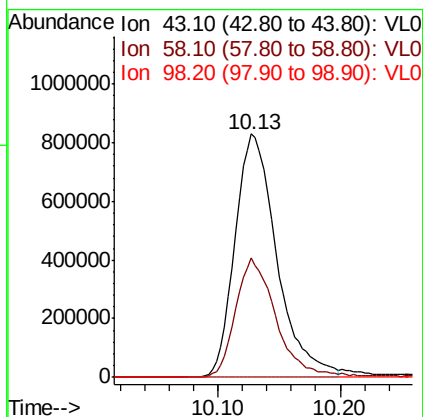
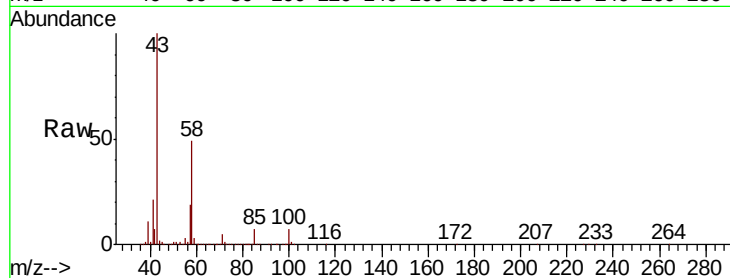
Ion 58.10 (57.80 to 58.80): VL0





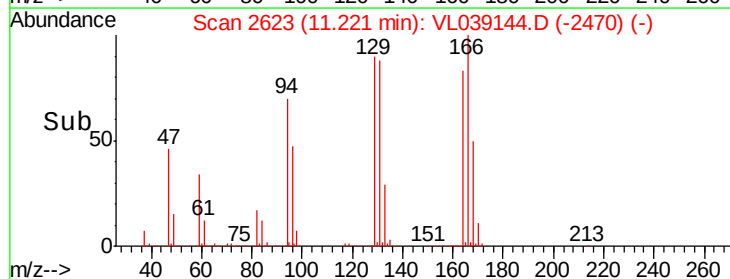
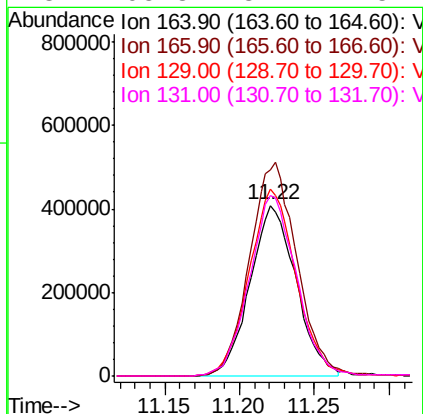
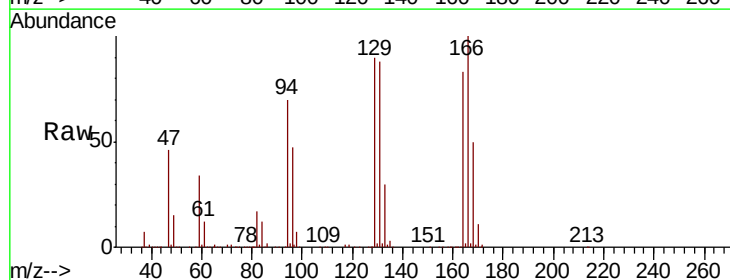
#51
2-Hexanone
Concen: 10.638 ppbv
RT: 10.13
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 1 Jun 2022 11:39

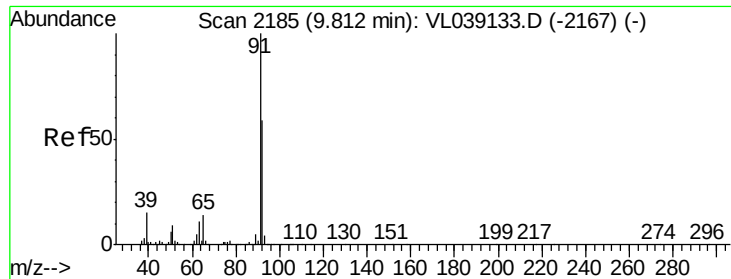
Tot Ion: 43 Resp: 1968836
Ion Ratio Lower Upper
43 100
58 48.0 40.0 60.0
98 0.1 0.1 0.1#



#52
Tetrachloroethene
Concen: 9.383 ppbv
RT: 11.22 min Scan# 2623
Delta R.T. -0.01 min
Lab File: VL039144.D
Acq: 1 Jun 2022 11:39

Tgt Ion: 164 Resp: 869964
Ion Ratio Lower Upper
164 100
166 120.7 96.3 144.5
129 109.2 82.5 123.7
131 105.8 82.1 123.1





#53

Toluene

Concen: 10.002 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

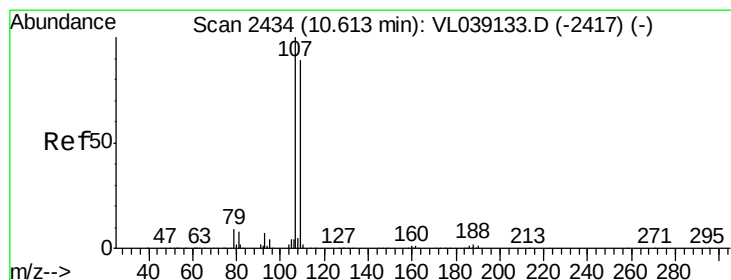
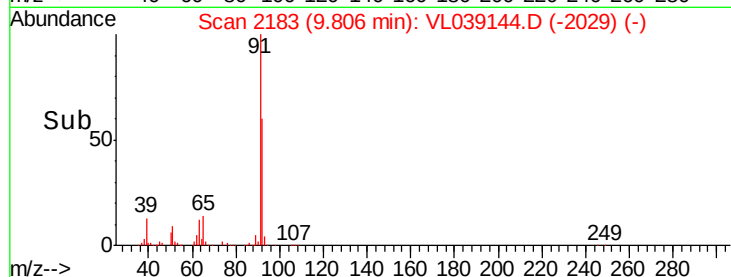
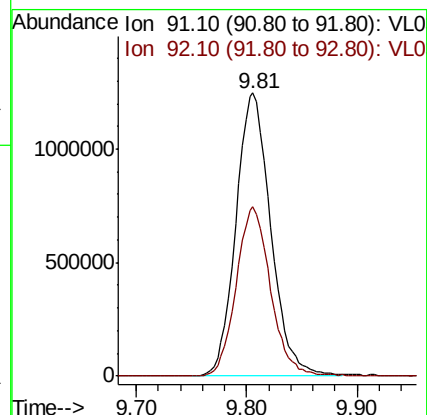
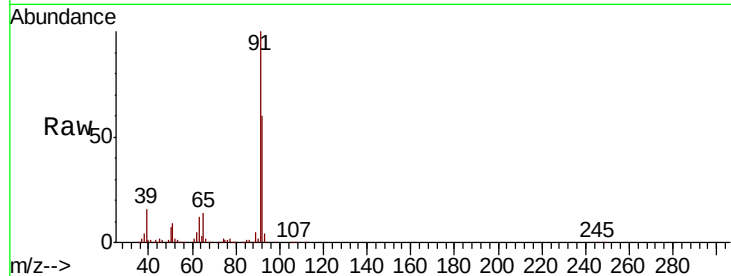
Acq: 1 Jun 2022 11:39 VL0601ABS01

Tot Ion: 91 Resp: 2734959

Ion Ratio Lower Upper

91 100

92 59.6 48.1 72.1



#54

1,2-Dibromoethane

Concen: 10.326 ppbv

RT: 10.61 min Scan# 2432

Delta R.T. -0.01 min

Lab File: VL039144.D

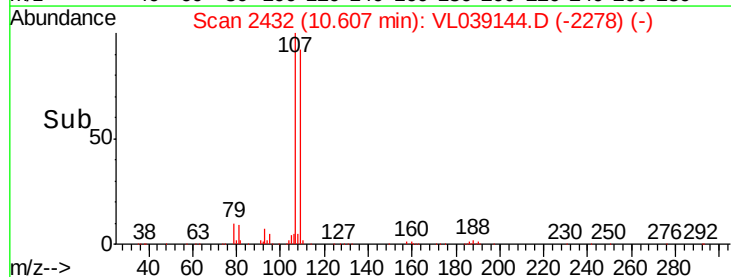
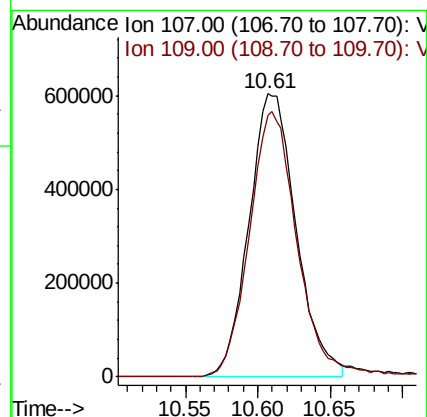
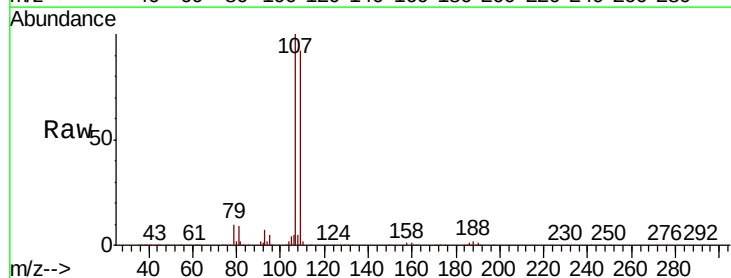
Acq: 1 Jun 2022 11:39

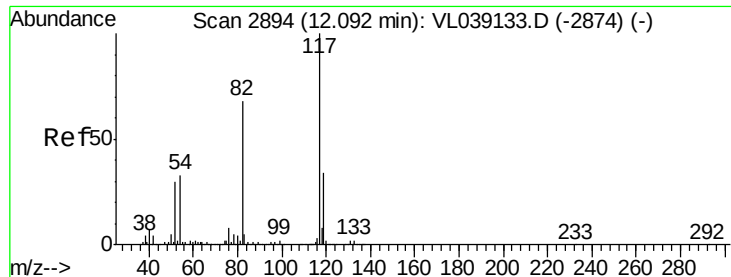
Tgt Ion: 107 Resp: 1367325

Ion Ratio Lower Upper

107 100

109 92.5 71.4 107.0

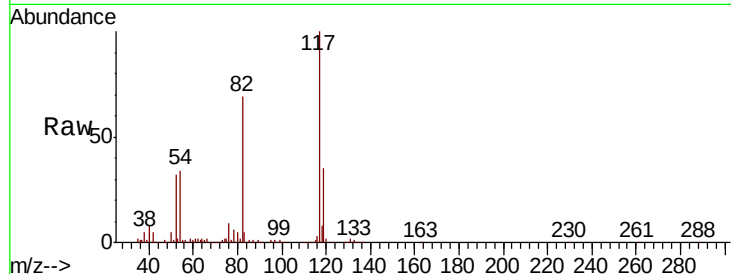




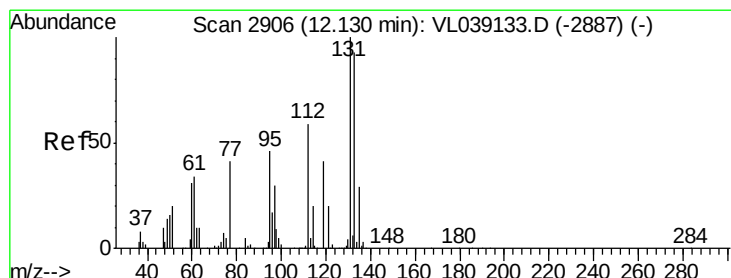
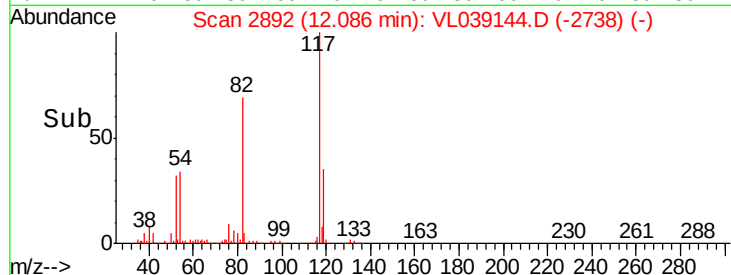
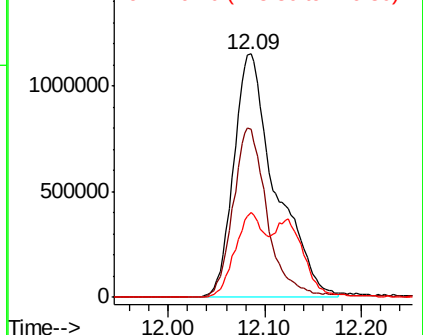
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0601ABS01
Acq: 1 Jun 2022 11:39

Tot Ion:117 Resp: 3478304

Ion	Ratio	Lower	Upper
117	100		
82	57.1	55.1	82.7
119	26.8	24.7	37.1



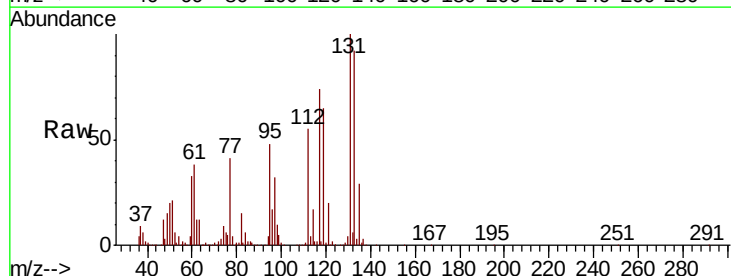
Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V



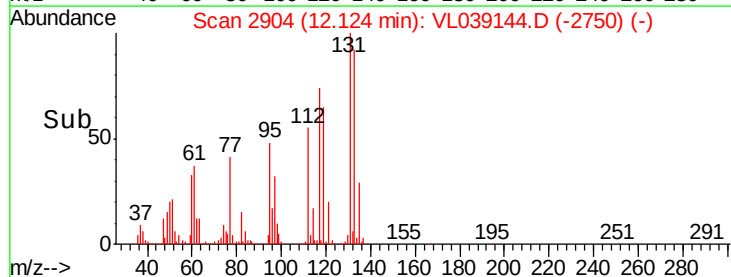
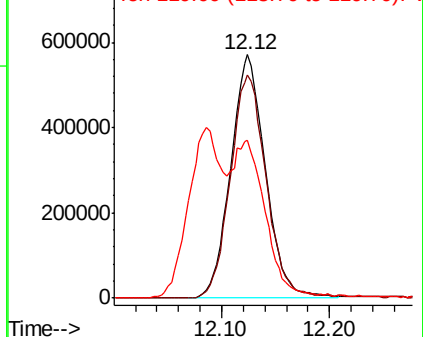
#56
1,1,1,2-Tetrachloroethane
Concen: 7.750 ppbv
RT: 12.12 min Scan# 2904
Delta R.T.: -0.01 min
Lab File: VL039144.D
Acq: 1 Jun 2022 11:39

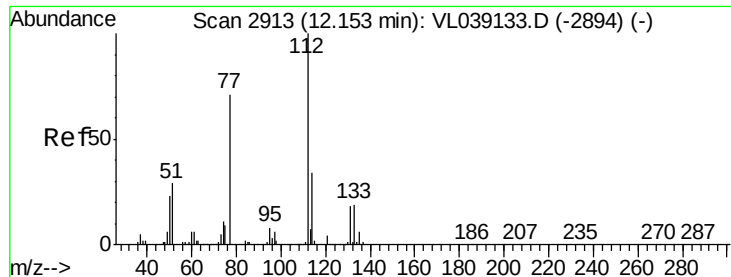
Tgt Ion:131 Resp: 1275509

Ion	Ratio	Lower	Upper
131	100		
133	96.3	78.6	117.8
119	59.2	51.7	77.5



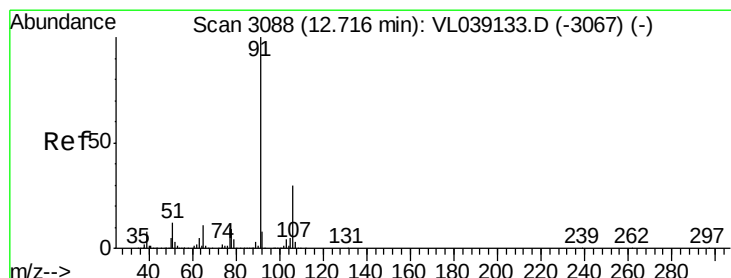
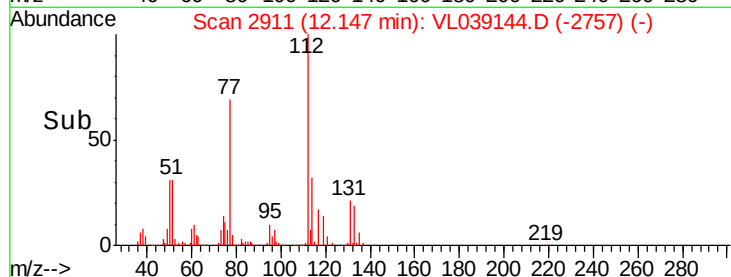
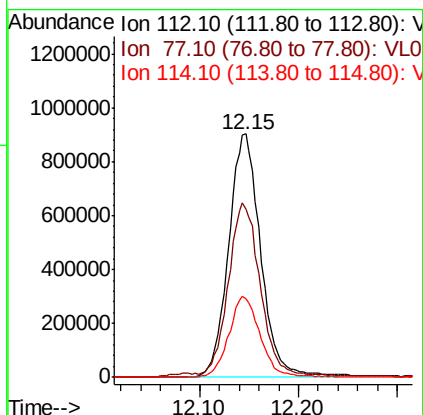
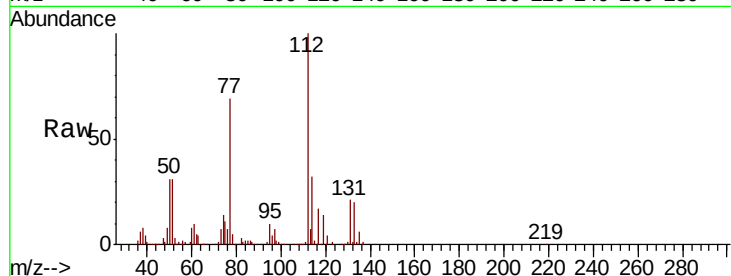
Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V





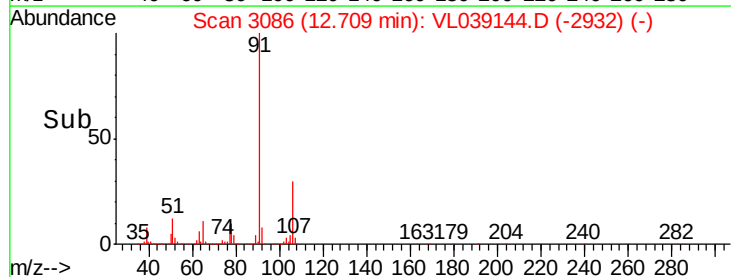
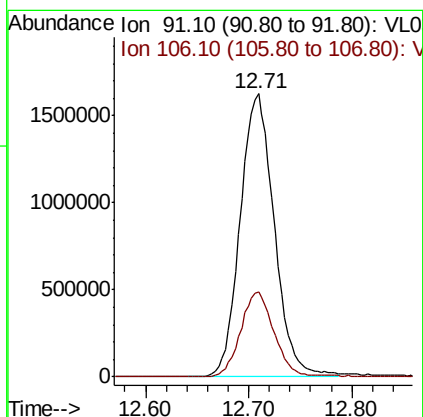
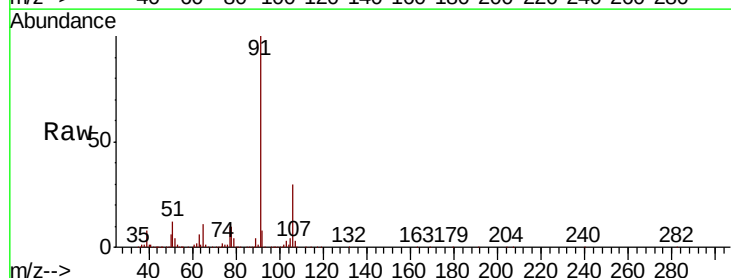
#57
Chlorobenzene
Concen: 7.812 ppbv
RT: 12.15
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0601ABS01
Acq: 1 Jun 2022 11:39

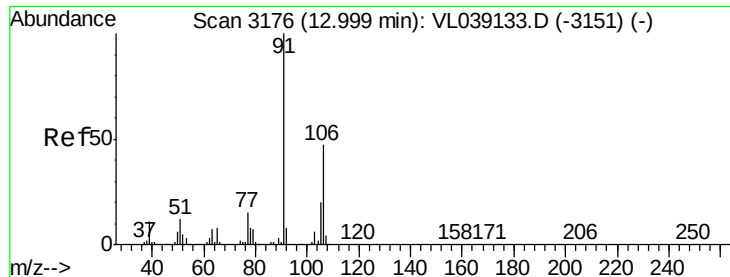
Tot Ion: 112 Resp: 2044529
Ion Ratio Lower Upper
112 100
77 68.1 56.5 84.7
114 32.1 30.3 37.1



#58
Ethyl Benzene
Concen: 7.824 ppbv
RT: 12.71 min Scan# 3086
Delta R.T. -0.01 min
Lab File: VL039144.D
Acq: 1 Jun 2022 11:39

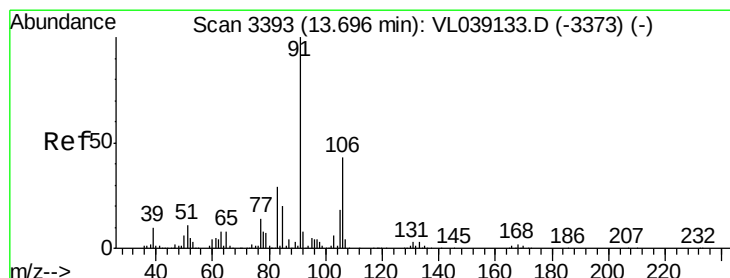
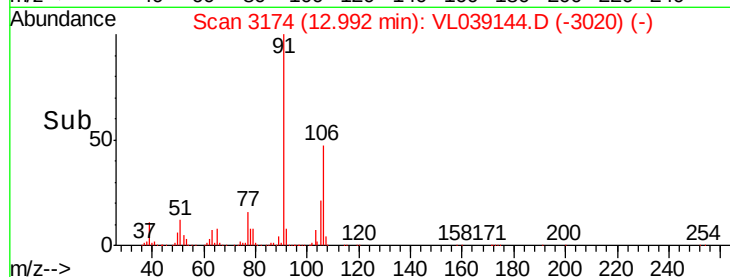
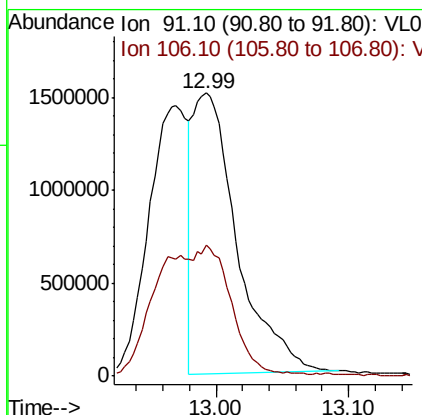
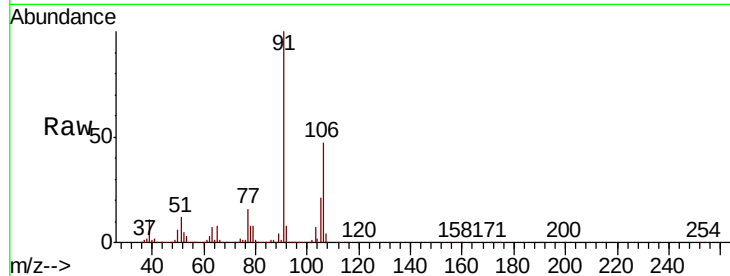
Tgt Ion: 91 Resp: 3748584
Ion Ratio Lower Upper
91 100
106 29.9 24.2 36.4





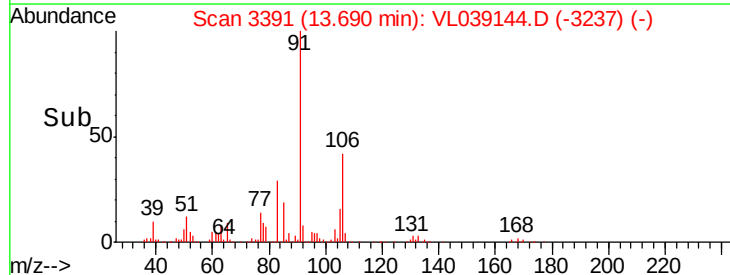
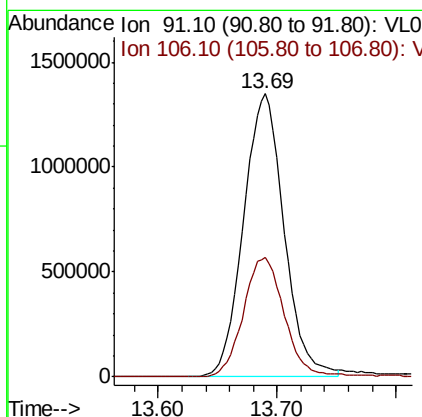
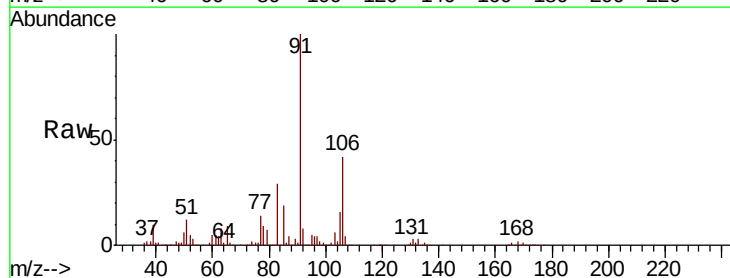
#59
m/p-Xylene
Concen: 8.226 ppbv
RT: 12.99 min
Delta R.T.: MSVOA_1
Lab File: ClientSampleId : VL0601ABS01
Acq: 1 Jun 2022 11:39

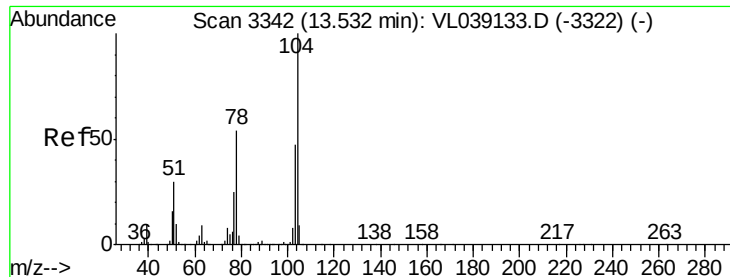
Tot Ion: 91 Resp: 3470620
Ion Ratio Lower Upper
91 100
106 79.9 34.3 51.5#



#60
o-Xylene
Concen: 8.002 ppbv
RT: 13.69 min Scan# 3391
Delta R.T.: -0.01 min
Lab File: VL039144.D
Acq: 1 Jun 2022 11:39

Tgt Ion: 91 Resp: 3172359
Ion Ratio Lower Upper
91 100
106 43.7 22.3 66.9

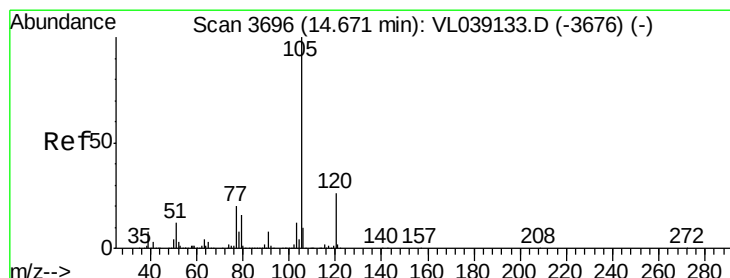
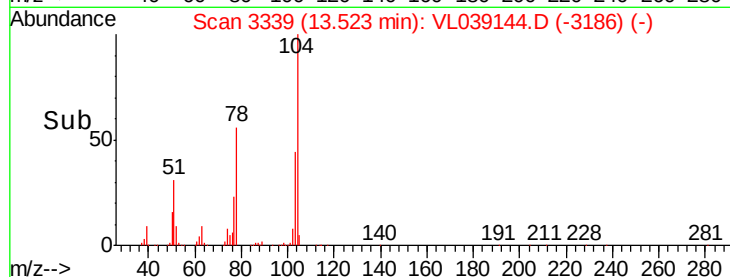
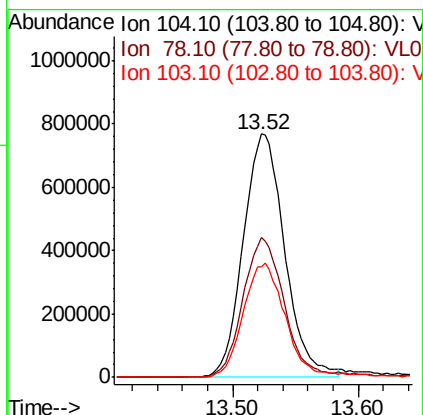
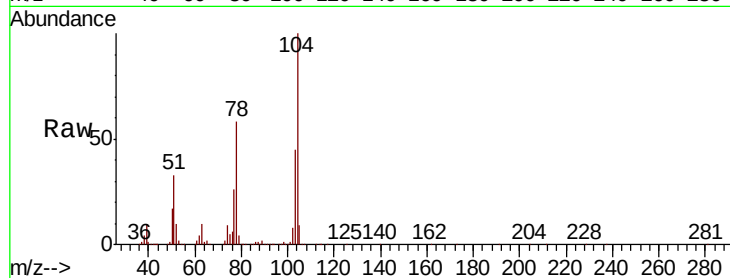




#61
Stvrene
Concen: 8.326 ppbv
RT: 13.52
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0601ABS01
Acq: 1 Jun 2022 11:39

Tot Ion:104 Resp: 1767569

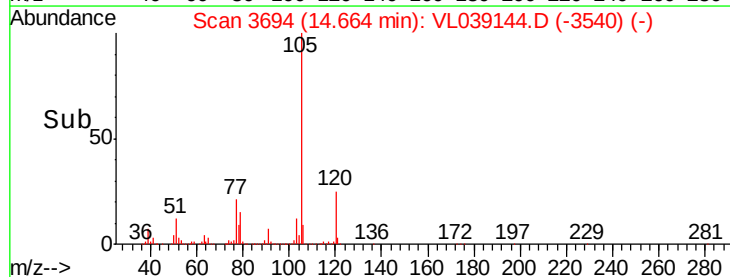
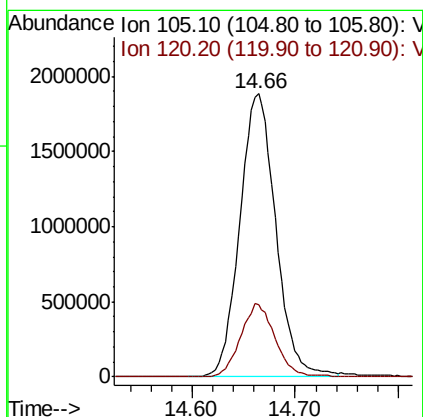
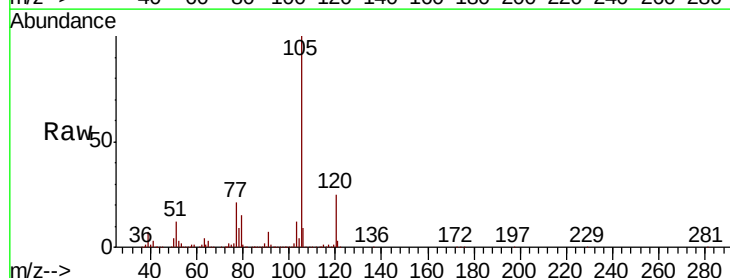
Ion	Ratio	Lower	Upper
104	100		
78	58.4	45.7	68.5
103	48.3	39.6	59.4

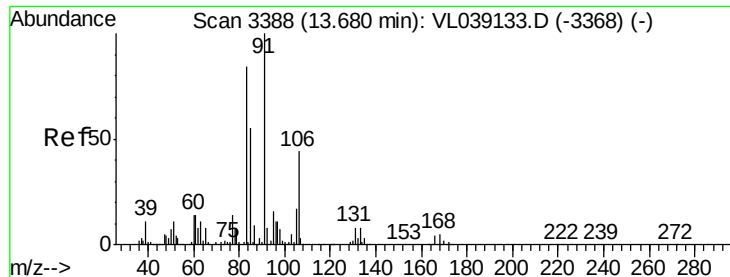


#62
Isopropylbenzene
Concen: 7.759 ppbv
RT: 14.66 min Scan# 3694
Delta R.T. -0.01 min
Lab File: VL039144.D
Acq: 1 Jun 2022 11:39

Tgt Ion:105 Resp: 4571879

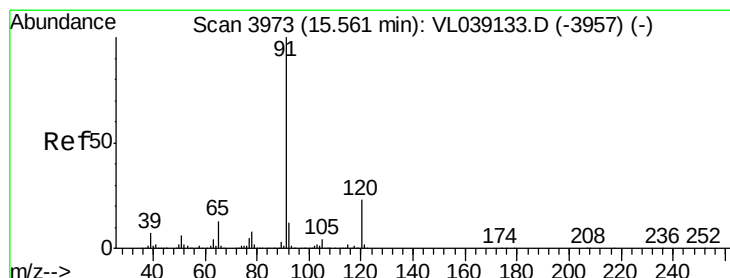
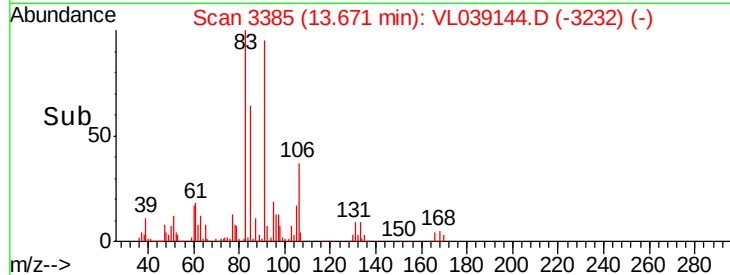
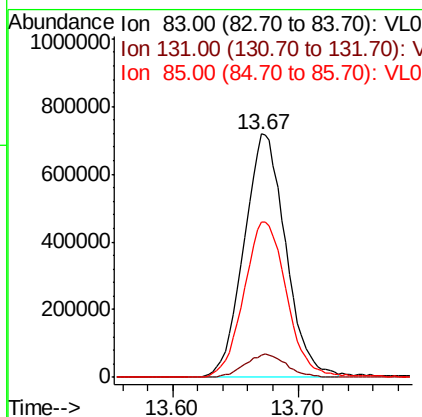
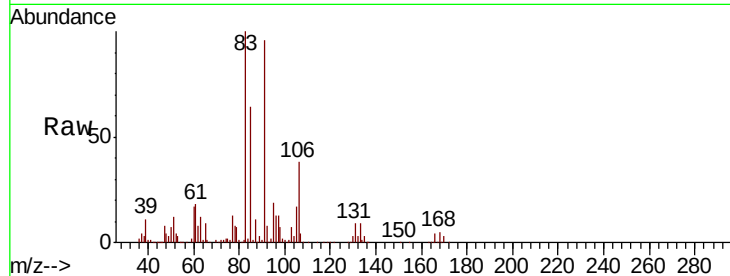
Ion	Ratio	Lower	Upper
105	100		
120	25.0	20.3	30.5





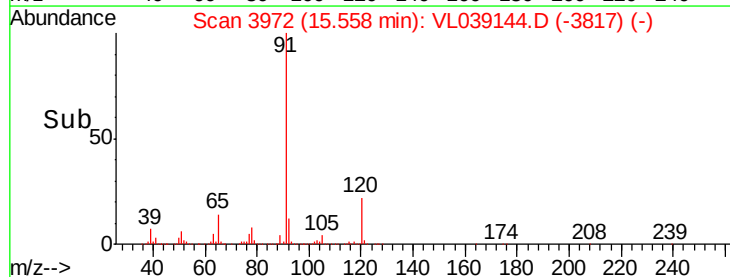
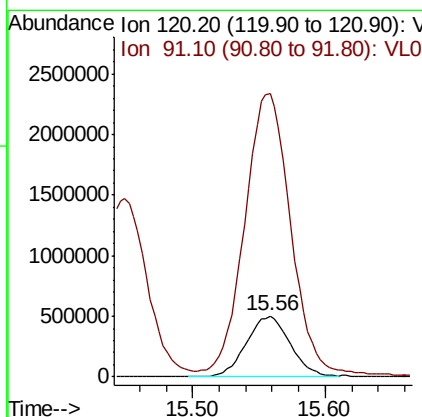
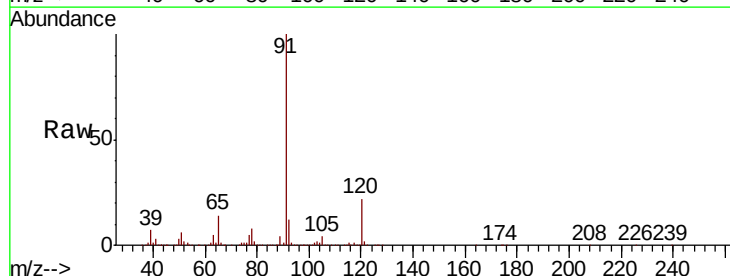
#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.462 ppbv
 RT: 13.67
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0601ABS01
 Acq: 1 Jun 2022 11:39

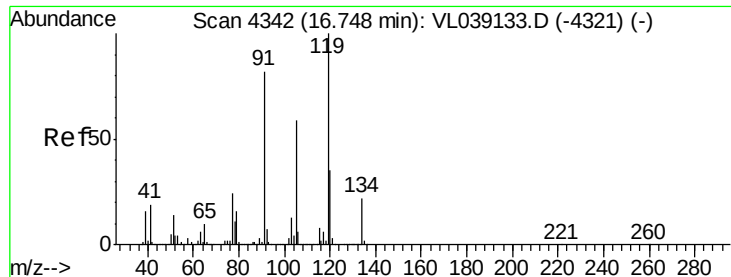
Tot Ion: 83 Resp: 1660480
 Ion Ratio Lower Upper
 83 100
 131 9.6 4.8 14.3
 85 66.4 33.0 99.0



#64
 n-propylbenzene
 Concen: 8.008 ppbv
 RT: 15.56 min Scan# 3972
 Delta R.T. -0.00 min
 Lab File: VL039144.D
 Acq: 1 Jun 2022 11:39

Tgt Ion:120 Resp: 1160038
 Ion Ratio Lower Upper
 120 100
 91 495.3 388.4 582.6

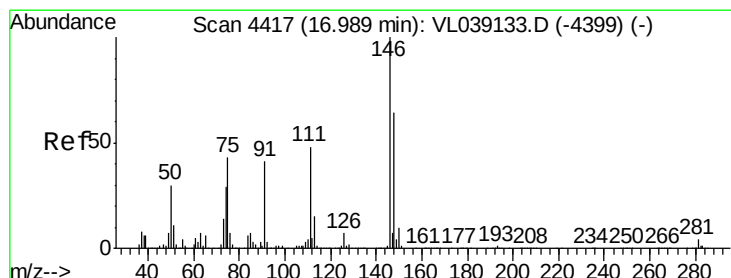
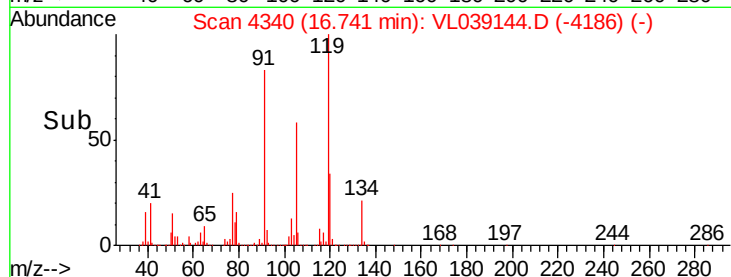
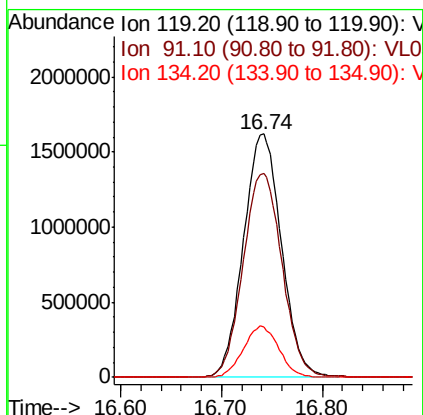
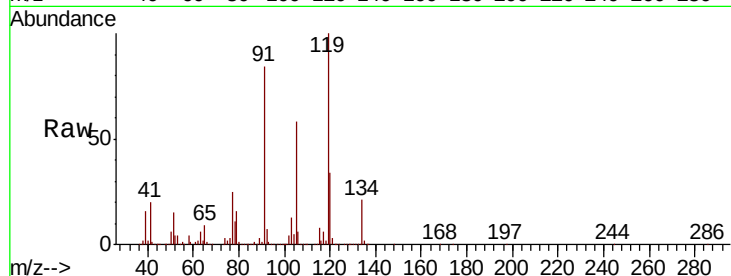




#65
 tert-Butylbenzene
 Concen: 7.834 ppbv
 RT: 16.74 min
 Delta R.T.: 0.00 min
 Lab File: VL0601ABS01
 Acq: 1 Jun 2022 11:39

Tot Ion: 119 Resp: 4221198

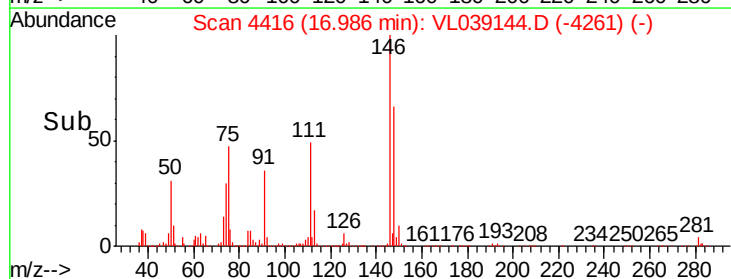
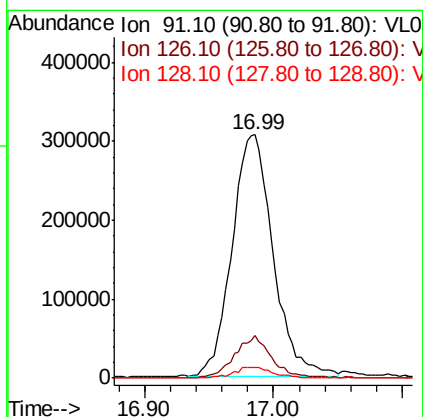
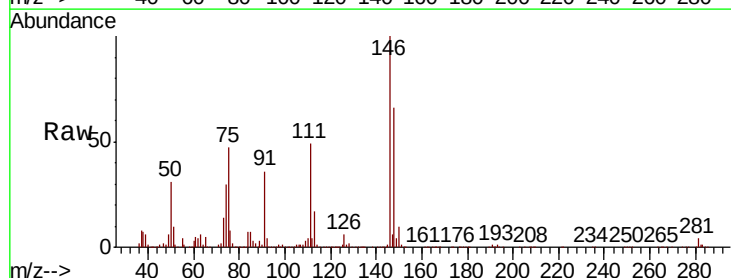
Ion	Ratio	Lower	Upper
119	100		
91	86.4	67.1	100.7
134	19.8	15.8	23.8

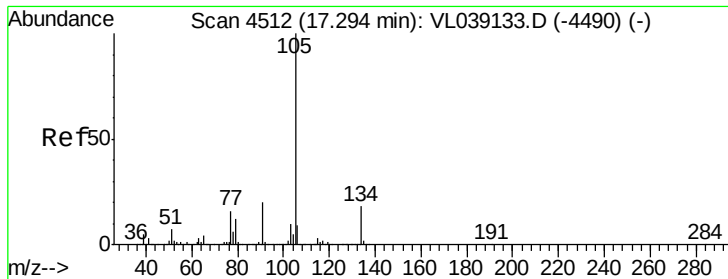


#66
 Benzyl Chloride
 Concen: 9.616 ppbv
 RT: 16.99 min Scan# 4416
 Delta R.T.: -0.00 min
 Lab File: VL039144.D
 Acq: 1 Jun 2022 11:39

Tgt Ion: 91 Resp: 673739

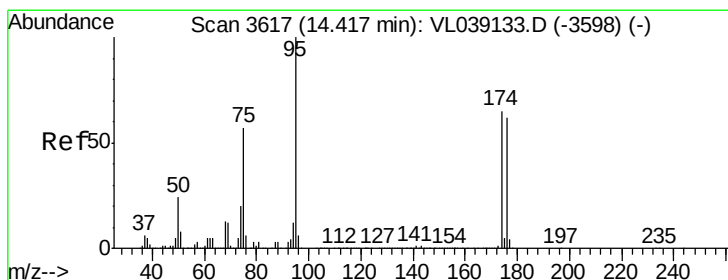
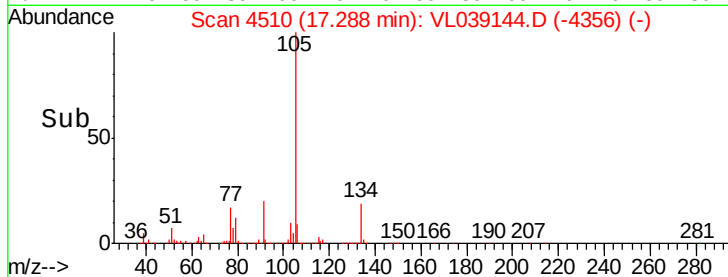
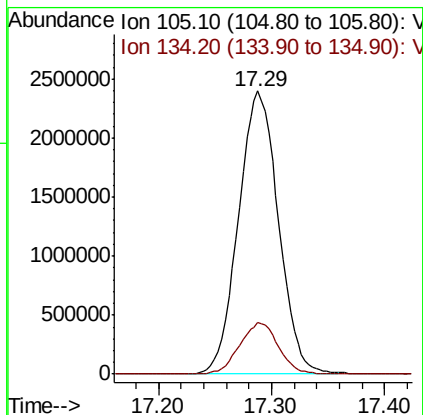
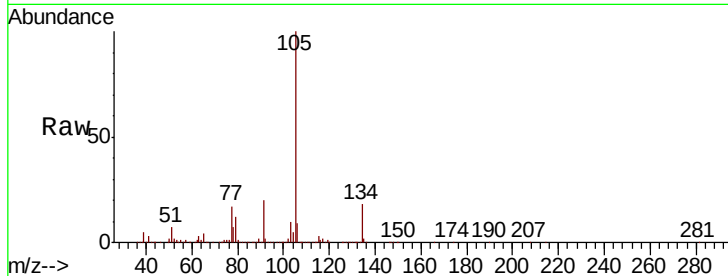
Ion	Ratio	Lower	Upper
91	100		
126	16.1	13.4	20.0
128	4.5	4.1	6.1





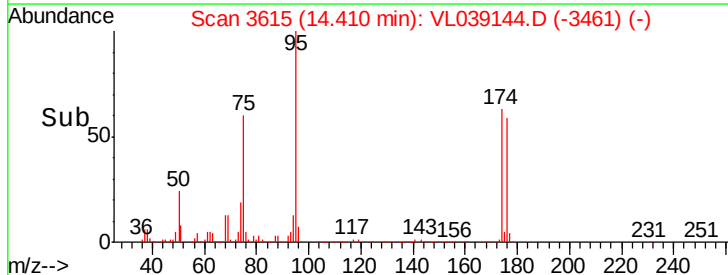
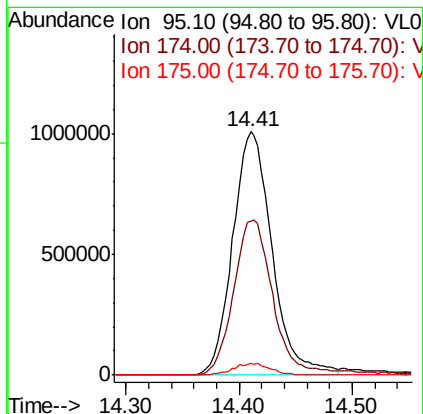
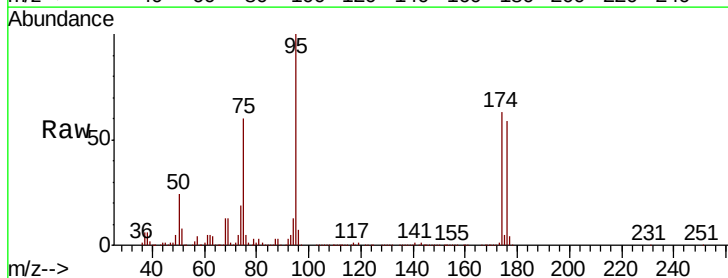
#67
 sec-Butylbenzene
 Concen: 7.990 ppbv
 RT: 17.29 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0601ABS01
 Acq: 1 Jun 2022 11:39

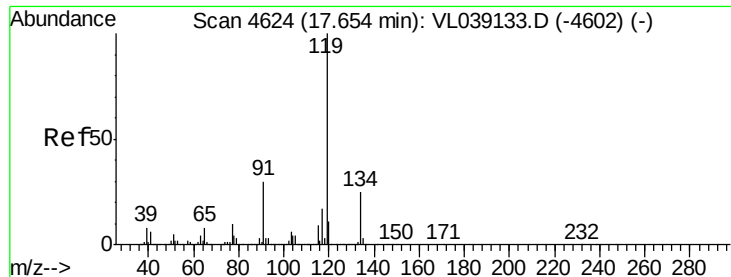
Tot Ion: 105 Resp: 5874014
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.4 21.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.479 ppbv
 RT: 14.41 min Scan# 3615
 Delta R.T.: -0.01 min
 Lab File: VL039144.D
 Acq: 1 Jun 2022 11:39

Tgt Ion: 95 Resp: 2438278
 Ion Ratio Lower Upper
 95 100
 174 65.5 53.8 80.8
 175 4.8 4.1 6.1

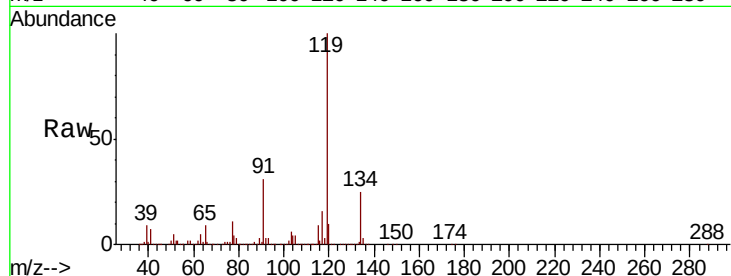




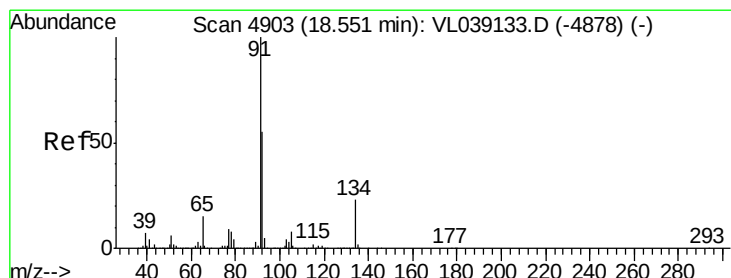
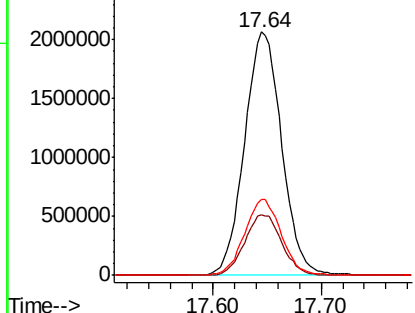
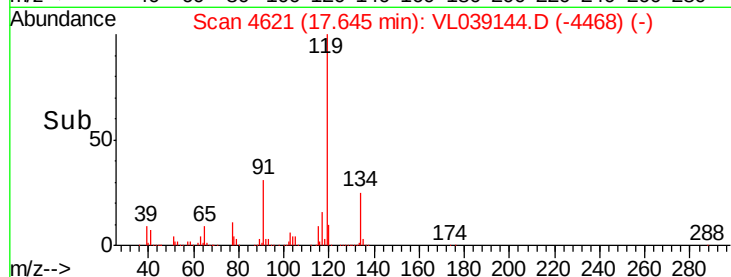
#69
 p-Isopropyltoluene
 Concen: 7.956 ppbv
 RT: 17.64 min
 Delta R.T.: MSVOA_1
 Lab File: ClientSampleId : VL0601ABS01
 Acq: 1 Jun 2022 11:39

Tot Ion: 119 Resp: 4934863

Ion	Ratio	Lower	Upper
119	100		
134	25.1	20.4	30.6
91	30.9	24.2	36.4



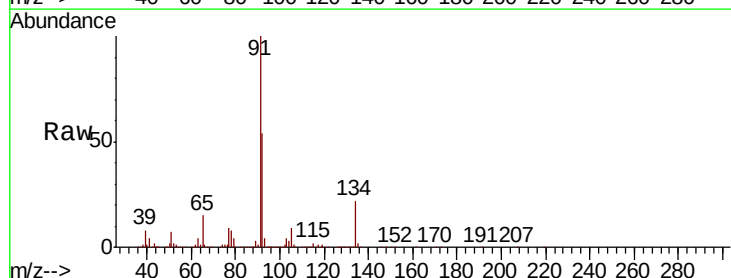
Abundance Ion 119.10 (118.80 to 119.80): VL0
 Ion 134.20 (133.90 to 134.90): VL0
 Ion 91.10 (90.80 to 91.80): VL0



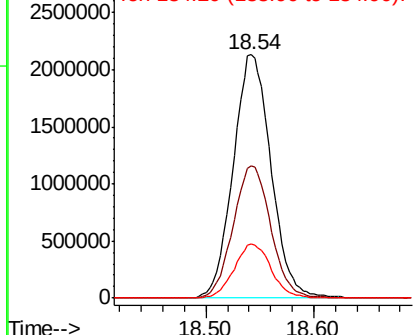
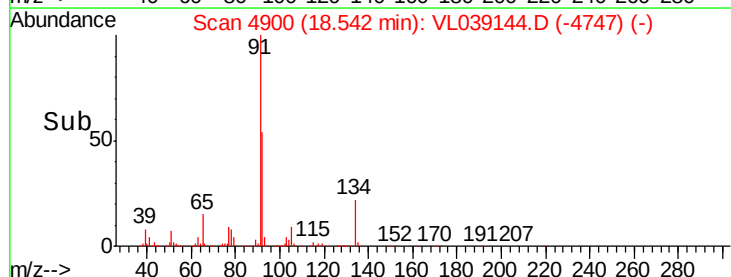
#70
 n-Butylbenzene
 Concen: 8.162 ppbv
 RT: 18.54 min Scan# 4900
 Delta R.T.: -0.01 min
 Lab File: VL039144.D
 Acq: 1 Jun 2022 11:39

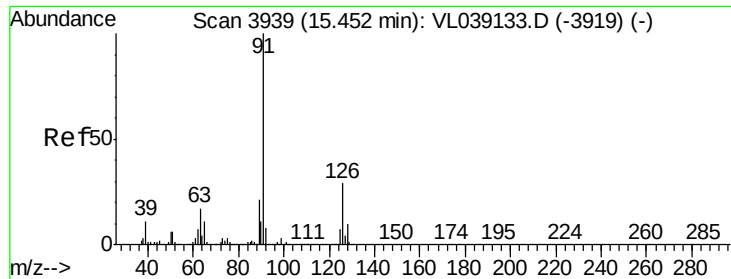
Tgt Ion: 91 Resp: 5196792

Ion	Ratio	Lower	Upper
91	100		
92	54.2	43.6	65.4
134	21.9	17.7	26.5



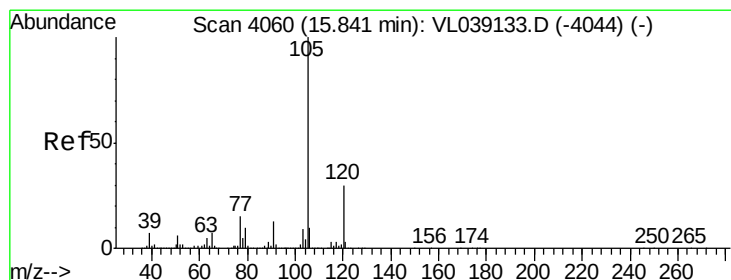
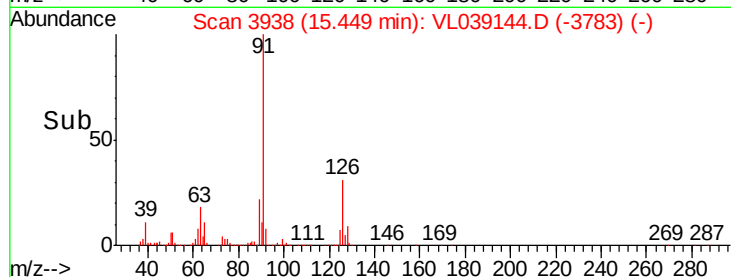
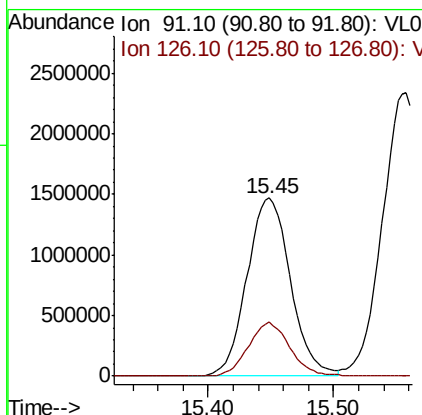
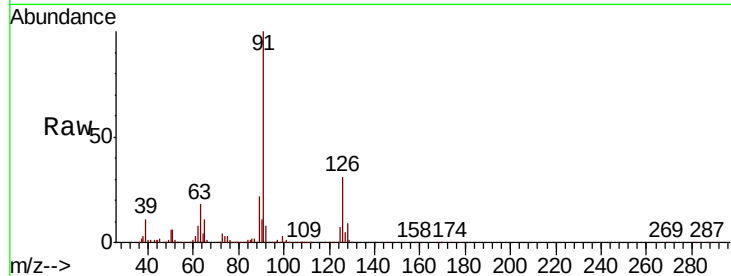
Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0
 Ion 134.20 (133.90 to 134.90): VL0





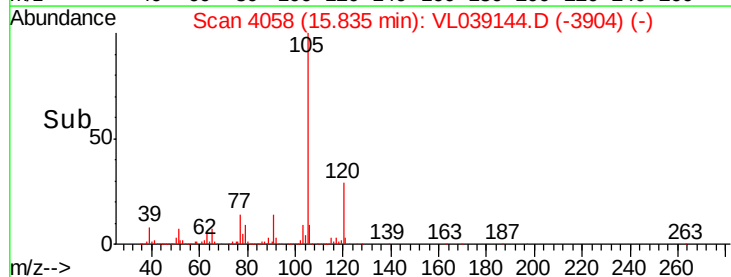
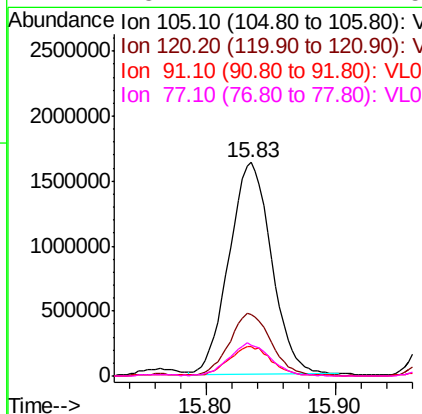
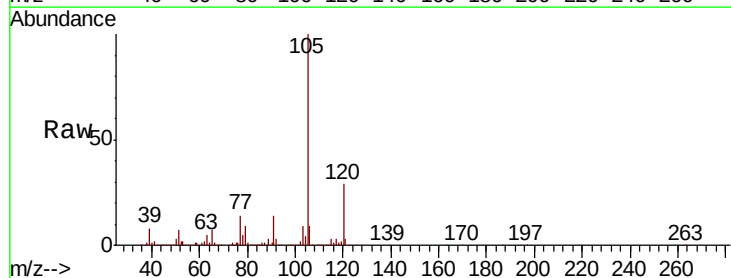
#71
 2-Chlorotoluene
 Concen: 7.900 ppbv
 RT: 15.45 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0601ABS01
 Acq: 1 Jun 2022 11:39

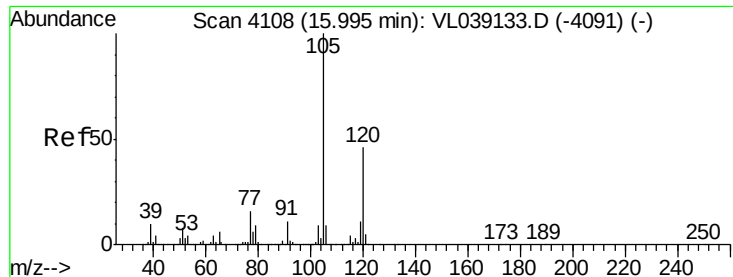
Tot Ion: 91 Resp: 3550066
 Ion Ratio Lower Upper
 91 100
 126 29.7 12.2 48.6



#72
 4-Ethyltoluene
 Concen: 8.059 ppbv
 RT: 15.83 min Scan# 4058
 Delta R.T. -0.01 min
 Lab File: VL039144.D
 Acq: 1 Jun 2022 11:39

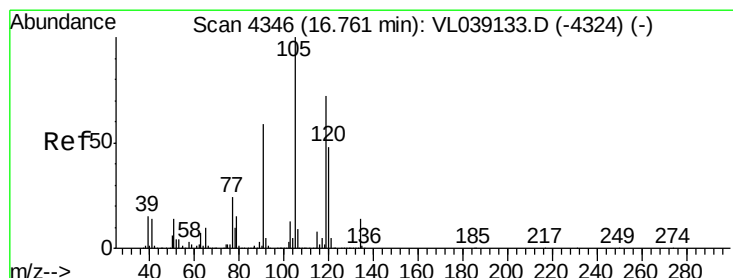
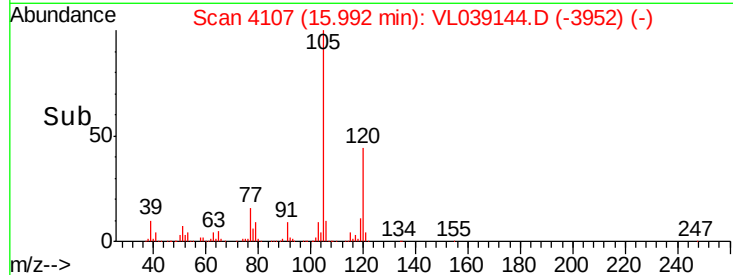
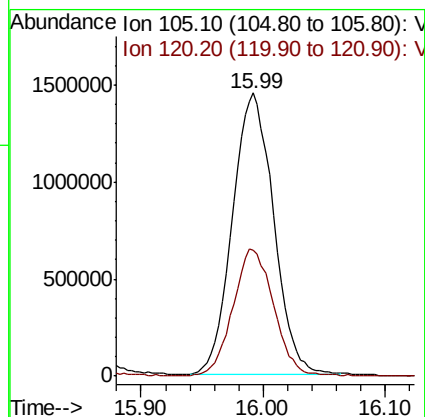
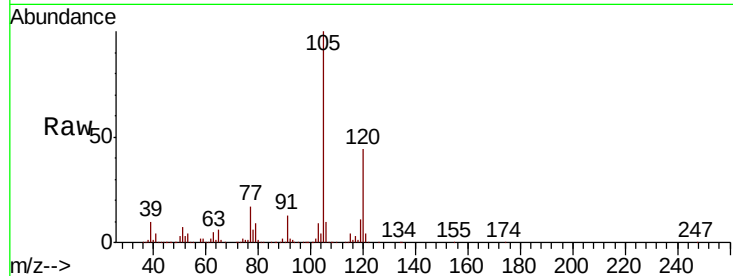
Tgt Ion:105 Resp: 3744840
 Ion Ratio Lower Upper
 105 100
 120 29.3 23.9 35.9
 91 13.7 10.6 16.0
 77 15.1 11.7 17.5





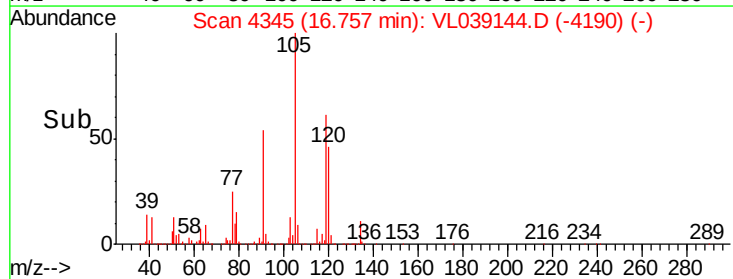
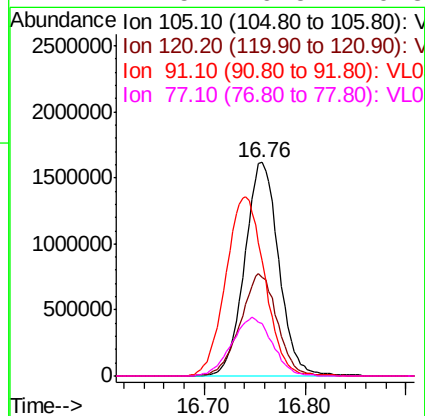
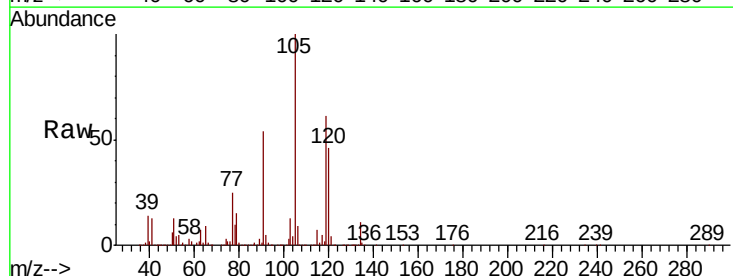
#73
 1,3,5-Trimethylbenzene
 Concen: 8.086 ppbv
 RT: 15.99 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0601ABS01
 Acq: 1 Jun 2022 11:39

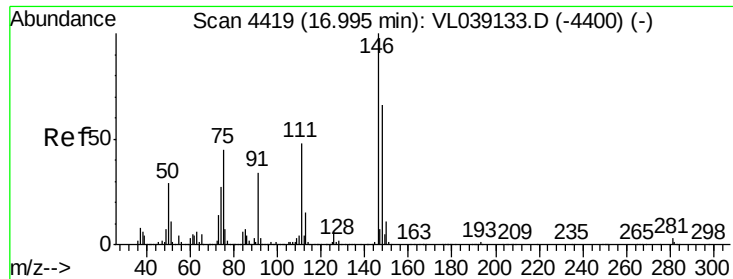
Tot Ion:105 Resp: 3388794
 Ion Ratio Lower Upper
 105 100
 120 44.4 36.7 55.1



#74
 1,2,4-Trimethylbenzene
 Concen: 8.087 ppbv
 RT: 16.76 min Scan# 4345
 Delta R.T. -0.00 min
 Lab File: VL039144.D
 Acq: 1 Jun 2022 11:39

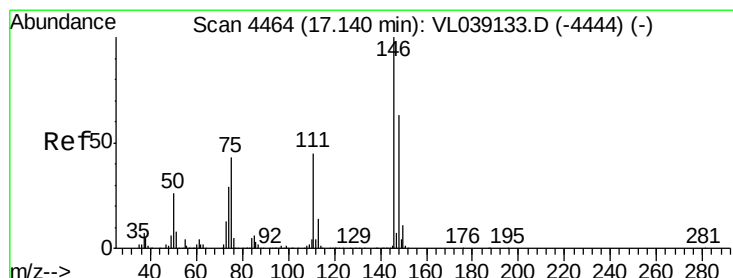
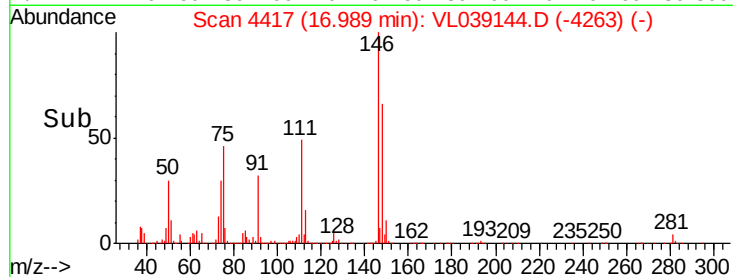
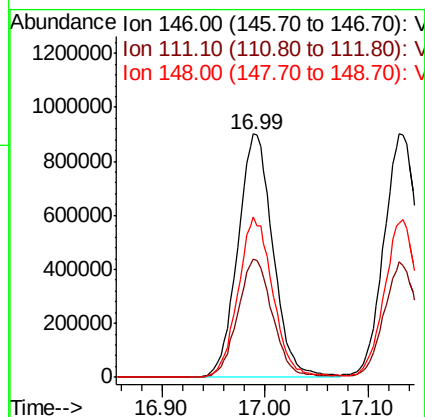
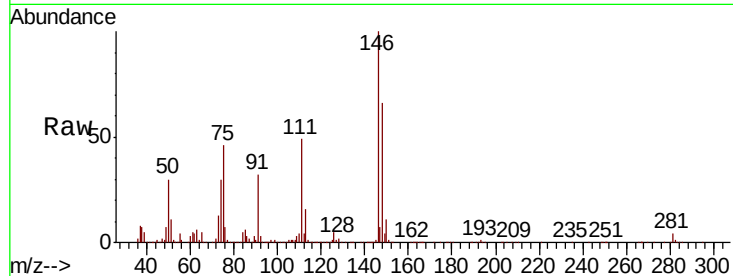
Tgt Ion:105 Resp: 3782237
 Ion Ratio Lower Upper
 105 100
 120 45.8 38.1 57.1
 91 53.7 47.4 71.0
 77 24.5 19.5 29.3





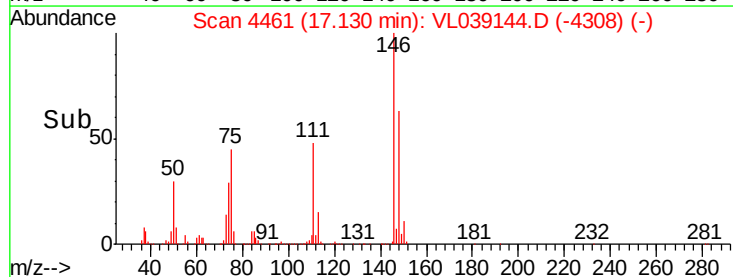
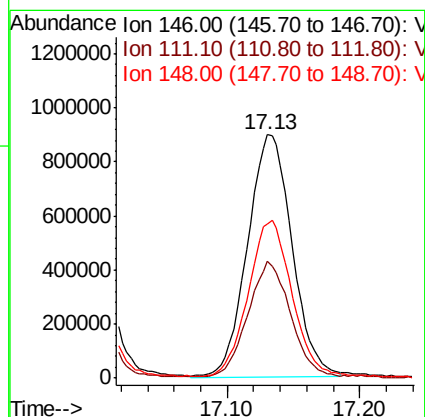
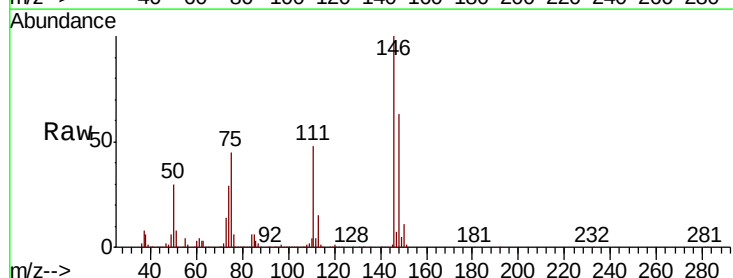
#75
 1,3-Dichlorobenzene
 Concen: 8.093 ppbv
 RT: 16.99 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0601ABS01
 Acq: 1 Jun 2022 11:39

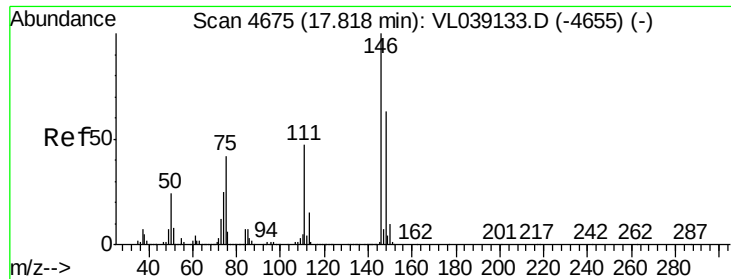
Tot Ion:146 Resp: 2142325
 Ion Ratio Lower Upper
 146 100
 111 48.1 23.8 71.4
 148 65.0 32.4 97.0



#76
 1,4-Dichlorobenzene
 Concen: 7.942 ppbv
 RT: 17.13 min Scan# 4461
 Delta R.T. -0.01 min
 Lab File: VL039144.D
 Acq: 1 Jun 2022 11:39

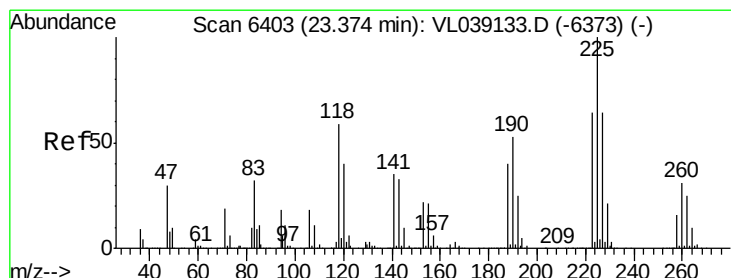
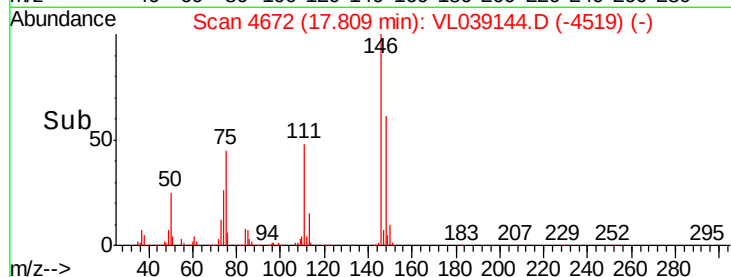
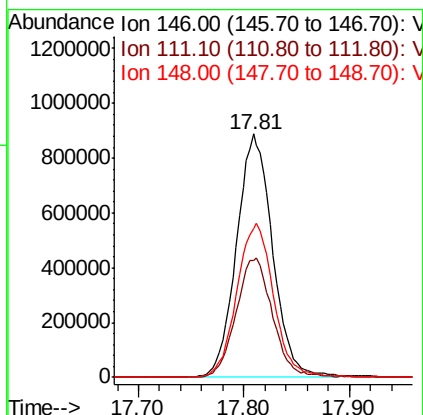
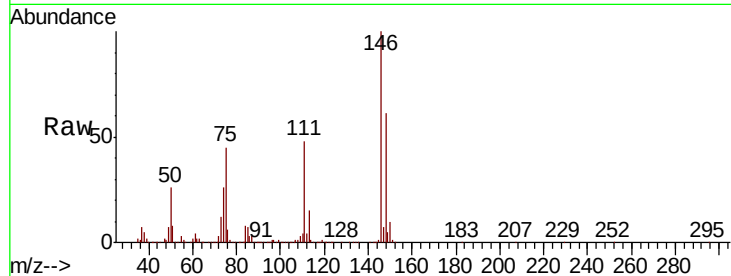
Tgt Ion:146 Resp: 2097604
 Ion Ratio Lower Upper
 146 100
 111 47.3 23.6 71.0
 148 65.1 33.7 101.0





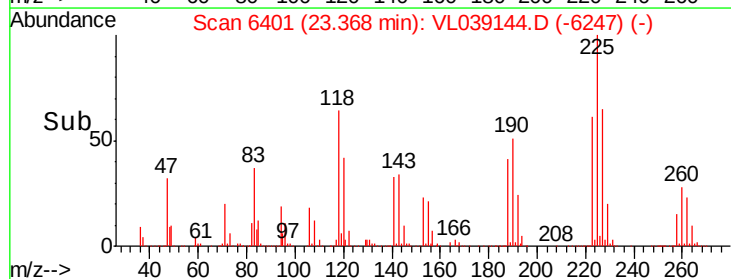
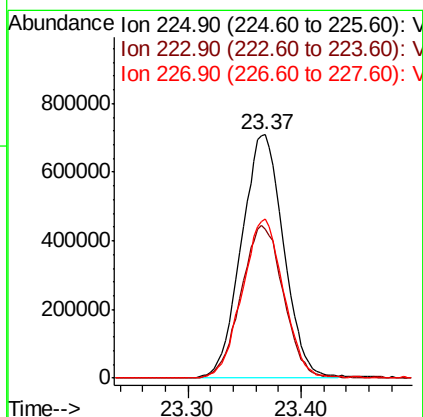
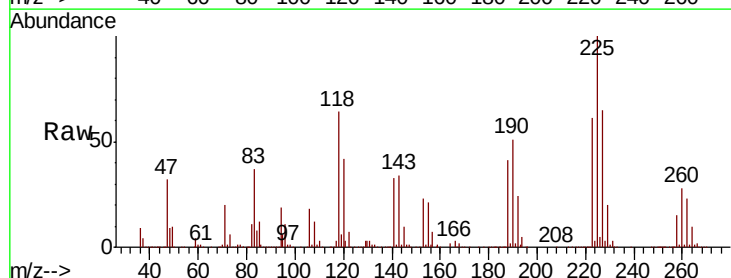
#77
 1,2-Dichlorobenzene
 Concen: 7.853 ppbv
 RT: 17.81 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0601ABS01
 Acq: 1 Jun 2022 11:39

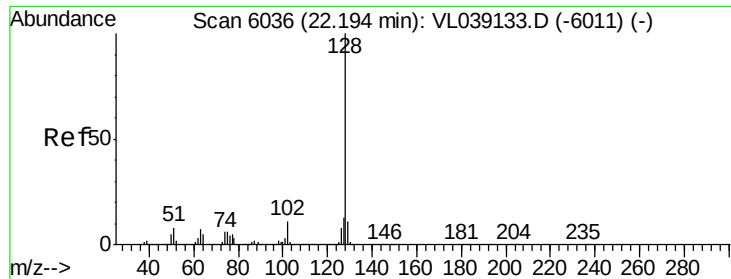
Tot Ion:146 Resp: 2095151
 Ion Ratio Lower Upper
 146 100
 111 50.1 24.4 73.4
 148 64.8 32.1 96.5



#78
 Hexachloro-1,3-Butadiene
 Concen: 7.529 ppbv
 RT: 23.37 min Scan# 6401
 Delta R.T. -0.01 min
 Lab File: VL039144.D
 Acq: 1 Jun 2022 11:39

Tgt Ion:225 Resp: 1837002
 Ion Ratio Lower Upper
 225 100
 223 63.6 51.4 77.0
 227 64.1 50.6 75.8

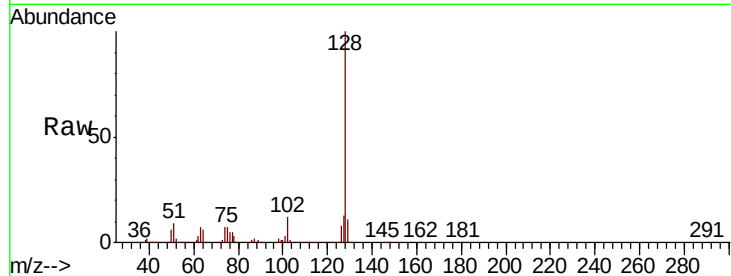




#79
Naphthalene
Concen: 9.276 ppbv
RT: 22.18 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 1 Jun 2022 11:39

Tot Ion:128 Resp: 3339639

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.4	9.0	13.6

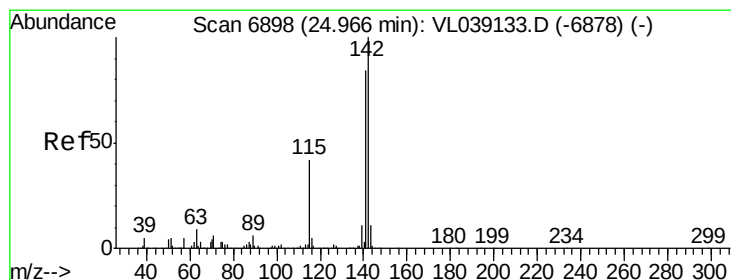
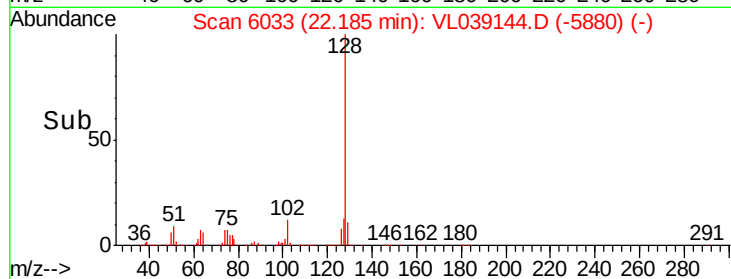
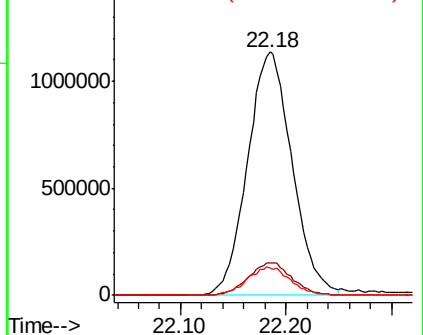


Abundance

Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

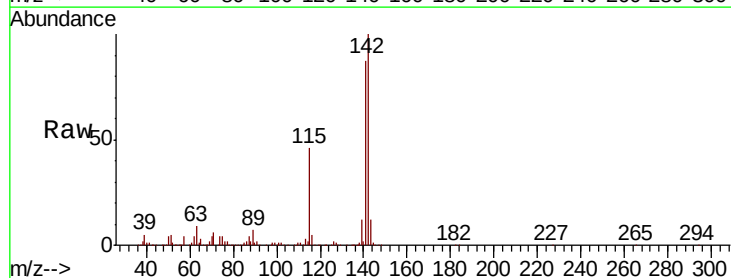
Ion 129.10 (128.80 to 129.80): V



#80
Naphthalene, 2-methyl-
Concen: 9.729 ppbv
RT: 24.96 min Scan# 6897
Delta R.T.: -0.00 min
Lab File: VL039144.D
Acq: 1 Jun 2022 11:39

Tgt Ion:142 Resp: 1301367

Ion	Ratio	Lower	Upper
142	100		
141	86.6	64.6	96.8
115	44.6	32.7	49.1

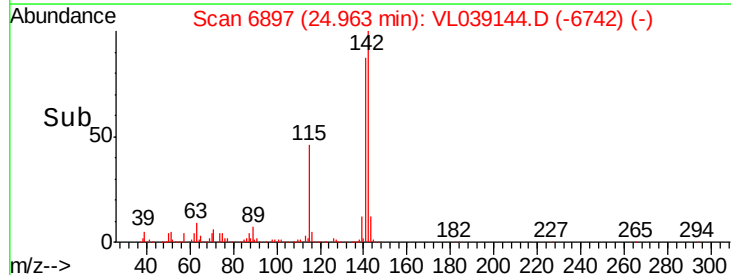
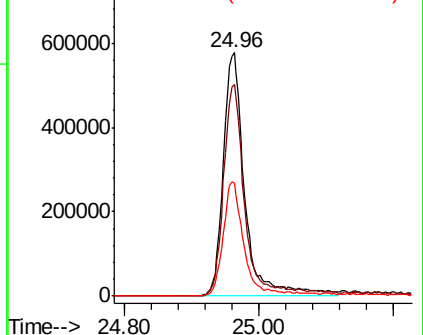


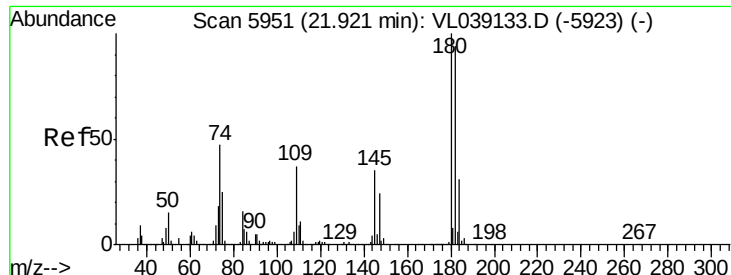
Abundance

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: 8.302 ppbv
 RT: 21.91
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId : VL0601ABS01
 Acq: 1 Jun 2022 11:39

Tot Ion:180 Resp: 1893651
 Ion Ratio Lower Upper
 180 100
 182 96.2 0.0 0.0#
 184 30.9 0.0 0.0#

