

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041322\
 Data File : VL038906.D
 Acq On : 13 Apr 2022 16:17
 Operator : SY/AP
 Sample : VL0413ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL0413ABS01

Quant Time: Apr 25 08:28:18 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL040522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
 QLast Update : Wed Apr 06 06:12:53 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1101449	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2666860	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2669388	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2112830	10.43	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	1479669	9.471 ppbv	99
3) Chlorodifluoromethane	2.99	51	1334084	9.925 ppbv	93
4) Chloromethane	3.15	50	643133	9.240 ppbv	94
5) Vinyl Chloride	3.27	62	628817	9.777 ppbv	96
6) Bromomethane	3.48	94	328346	10.552 ppbv	100
7) Chloroethane	3.56	64	202875	9.459 ppbv	96
8) Dichlorotetrafluoroethane	3.20	85	1557848	10.674 ppbv	92
9) Propene	3.02	41	561877	7.900 ppbv	94
10) Heptane	8.13	43	1473184	8.224 ppbv	95
11) Trichlorofluoromethane	3.96	101	1423461	11.338 ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.49	101	997464	10.372 ppbv	92
13) Ethanol	3.60	45	21668	5.013 ppbv #	100
14) Bromoethene	3.75	108	422837	9.998 ppbv	99
15) Acetone	3.85	43	1115966	10.177 ppbv	98
16) 1,3-Butadiene	3.33	39	594058	9.476 ppbv	98
17) tert-Butyl alcohol	4.29	59	792699	8.061 ppbv	99
18) 1,1-Dichloroethene	4.29	96	444045	10.129 ppbv	97
19) Isopropyl Alcohol	3.97	45	545486	9.733 ppbv #	100
20) Methylene Chloride	4.35	84	369443	9.289 ppbv	94
21) Allyl Chloride	4.42	41	742793	9.047 ppbv	98
22) trans-1,2-Dichloroethene	4.89	96	471633	10.626 ppbv	96
23) Vinyl Acetate	5.08	43	984252	9.217 ppbv	100
24) 1,1-Dichloroethane	5.02	63	923617	9.571 ppbv	99
25) Ethyl Acetate	5.68	43	2551917	9.171 ppbv	99
26) Hexane	5.69	57	1119407	8.839 ppbv	99
27) Carbon Disulfide	4.56	76	1137452	9.793 ppbv	100
28) Methyl tert-Butyl Ether	5.04	73	838572	8.573 ppbv	99
29) Chloroform	5.76	83	1840748	10.388 ppbv	95
30) Cyclohexane	7.14	84	945187	8.468 ppbv	98
31) cis-1,2-Dichloroethene	5.55	61	1184163	10.169 ppbv	90
32) 1,1,1-Trichloroethane	6.52	97	1863223	10.436 ppbv	97
34) 2-Butanone	5.25	43	1531673	14.535 ppbv	96
35) Carbon Tetrachloride	7.02	117	1921796	12.020 ppbv	96
36) Benzene	6.90	78	2277850	9.389 ppbv	97
37) 1,2-Dichloroethane	6.31	62	1508328	13.598 ppbv #	94
38) Trichloroethene	7.84	130	918866	9.231 ppbv	95
39) 1,2-Dichloropropane	7.62	63	915296	9.864 ppbv	95
40) 1,4-Dioxane	7.84	88	157787	5.007 ppbv #	1
41) Tetrahydrofuran	6.05	42	939114	9.383 ppbv	99
42) Bromodichloromethane	7.80	83	2079633	11.873 ppbv	99
43) Methyl Methacrylate	8.02	69	961480	10.347 ppbv	96

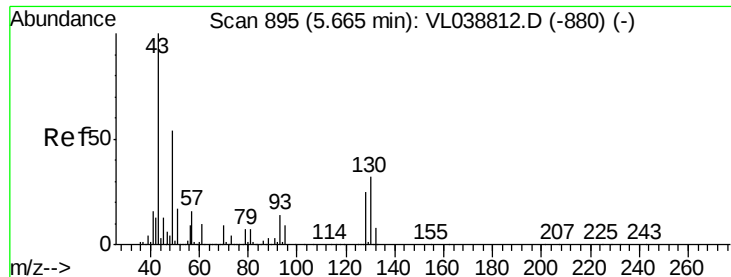
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041322\
 Data File : VL038906.D
 Acq On : 13 Apr 2022 16:17
 Operator : SY/AP
 Sample : VL0413ABS01
 Misc : 400mL/MSVOA L
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Instrument :
 MSVOA L
 ClientSampleId :
 VL0413ABS01

Quant Time: Apr 25 08:28:18 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL040522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
 QLast Update : Wed Apr 06 06:12:53 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	3937191	9.585	ppbv	98
45) t-1,3-Dichloropropene	9.28	75	1058890	10.898	ppbv	98
46) cis-1,3-Dichloropropene	8.71	75	1307138	10.204	ppbv	95
47) 1,1,2-Trichloroethane	9.48	97	933058	9.813	ppbv	97
48) Dibromochloromethane	10.31	129	1665983	11.179	ppbv	99
49) Bromoform	13.05	173	535752	4.539	ppbv #	26
50) 4-Methyl-2-Pentanone	8.74	43	2411946	10.176	ppbv	100
51) 2-Hexanone	10.13	43	1918564	10.742	ppbv #	95
52) Tetrachloroethene	11.23	164	783441	9.245	ppbv	98
53) Toluene	9.81	91	2627556	9.382	ppbv	99
54) 1,2-Dibromoethane	10.62	107	1366602	10.347	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.13	131	1124450	9.612	ppbv	97
57) Chlorobenzene	12.15	112	1888611	8.639	ppbv	95
58) Ethyl Benzene	12.72	91	3651384	9.154	ppbv	93
59) m/p-Xylene	13.00	91	3440113	10.265	ppbv #	55
60) o-Xylene	13.70	91	2923629	9.323	ppbv	94
61) Styrene	13.53	104	1675647	8.771	ppbv	94
62) Isopropylbenzene	14.67	105	4169995	8.860	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.68	83	1849998	9.315	ppbv	100
64) n-propylbenzene	15.56	120	1070264	8.757	ppbv	77
65) tert-Butylbenzene	16.75	119	3685658	8.826	ppbv	92
66) Benzyl Chloride	17.00	91	582385	6.850	ppbv #	92
67) sec-Butylbenzene	17.30	105	5359448	9.146	ppbv	97
69) p-Isopropyltoluene	17.65	119	4408004	9.162	ppbv	96
70) n-Butylbenzene	18.55	91	4869793	10.047	ppbv	97
71) 2-Chlorotoluene	15.46	91	3322316	9.387	ppbv	94
72) 4-Ethyltoluene	15.84	105	3595495	9.602	ppbv	96
73) 1,3,5-Trimethylbenzene	16.00	105	3238619	9.628	ppbv	94
74) 1,2,4-Trimethylbenzene	16.77	105	3380996	9.508	ppbv	96
75) 1,3-Dichlorobenzene	17.00	146	1878031	9.096	ppbv	98
76) 1,4-Dichlorobenzene	17.14	146	1860256	9.147	ppbv	98
77) 1,2-Dichlorobenzene	17.82	146	1847445	9.078	ppbv	98
78) Hexachloro-1,3-Butadiene	23.37	225	1305586	8.119	ppbv	99
79) Naphthalene	22.20	128	2600362	9.776	ppbv	99
80) Naphthalene, 2-methyl-	24.97	142	650477	9.924	ppbv	95
81) 1,2,4-Trichlorobenzene	21.93	180	1450258	9.316	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VL0413ABS01

Acq: 13 Apr 2022 16:17

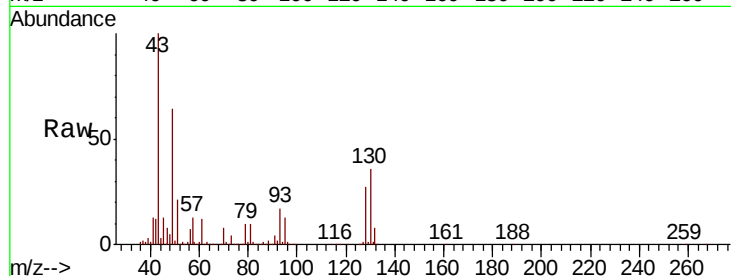
Tot Ion: 49 Resp: 1101449

Ion Ratio Lower Upper

49 100

128 46.5 24.1 72.3

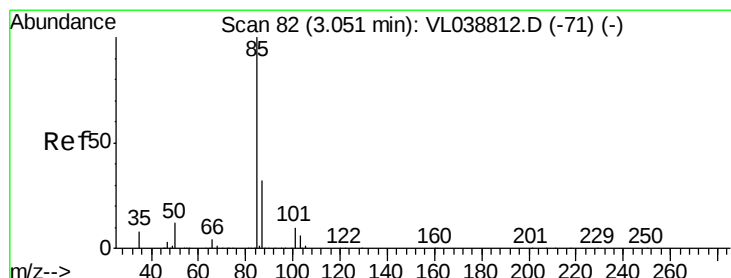
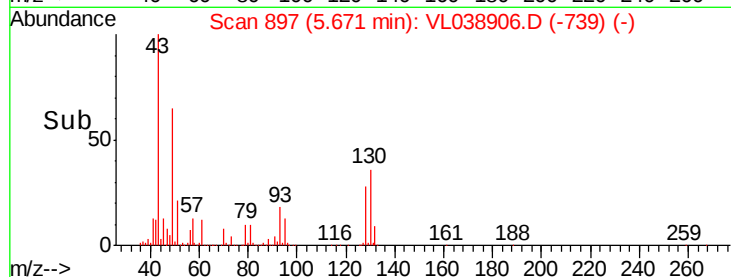
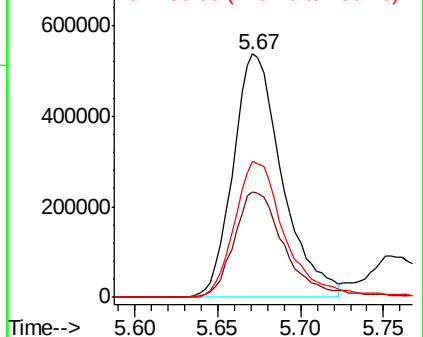
130 59.7 30.9 92.8



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 9.471 ppbv

RT: 3.05 min Scan# 83

Delta R.T. 0.00 min

Lab File: VL038906.D

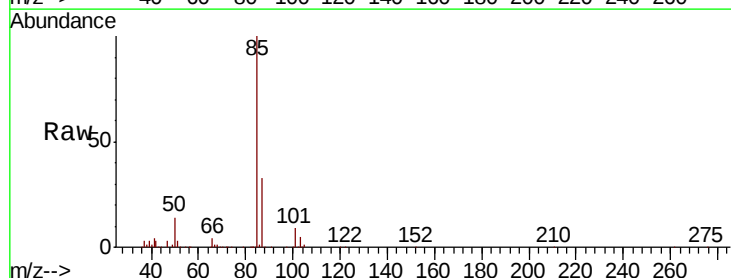
Acq: 13 Apr 2022 16:17

Tgt Ion: 85 Resp: 1479669

Ion Ratio Lower Upper

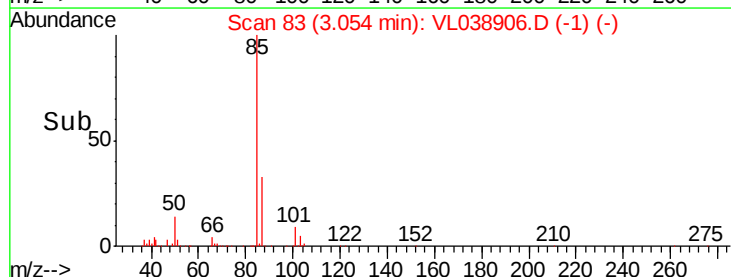
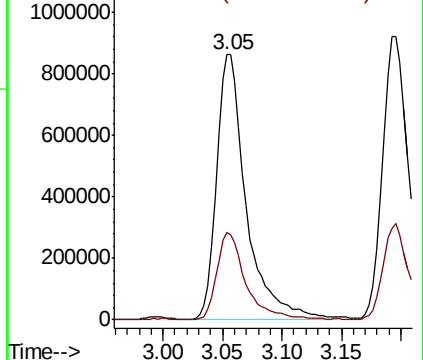
85 100

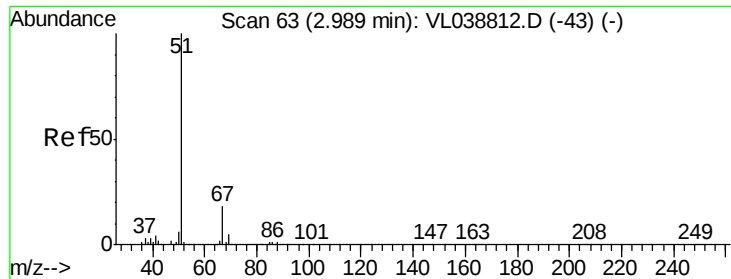
87 32.9 25.9 38.9



Abundance Ion 85.00 (84.70 to 85.70): VL0

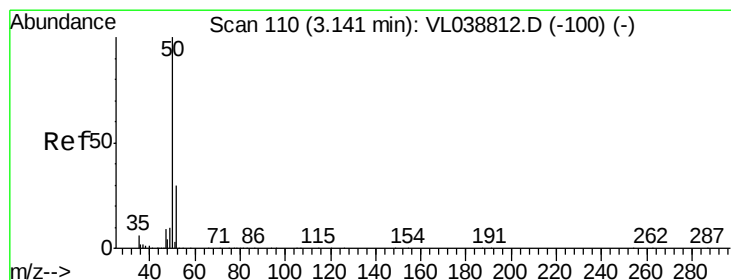
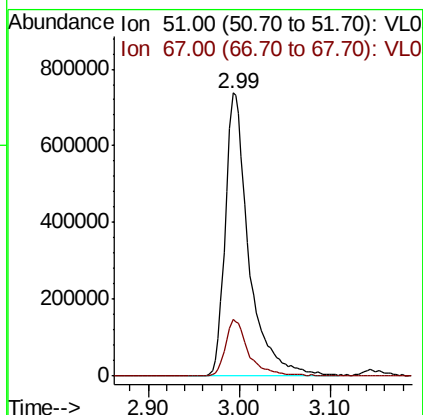
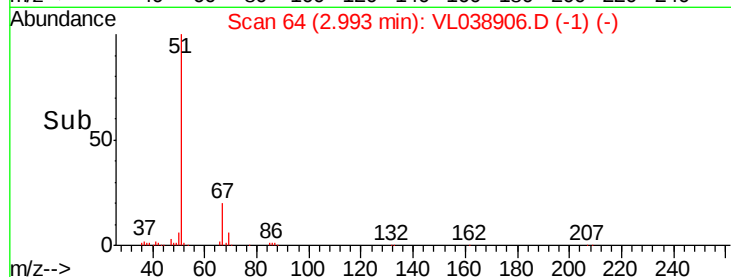
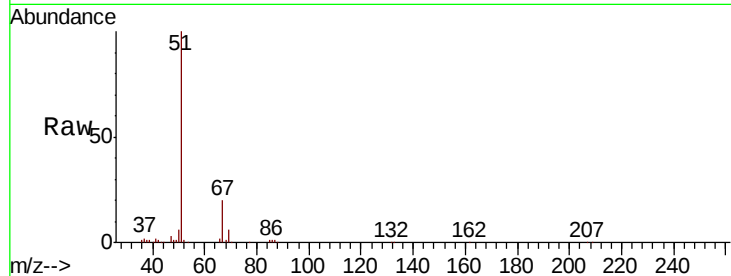
Ion 87.00 (86.70 to 87.70): VL0





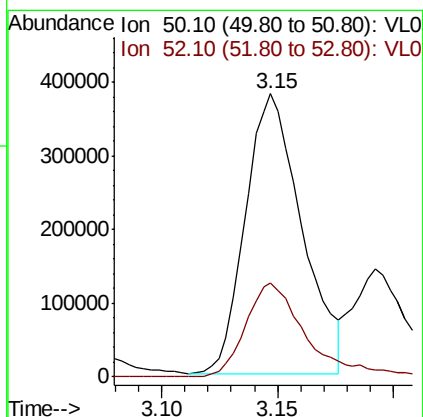
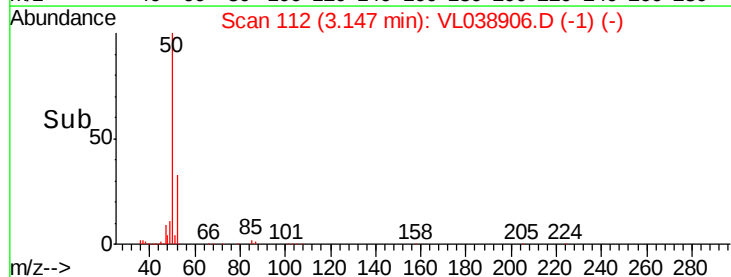
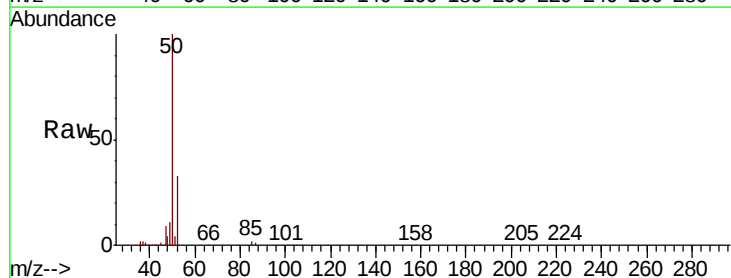
#3
 Chlorodifluoromethane
 Concen: 9.925 ppbv
 RT: 2.99
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 13 Apr 2022 16:17

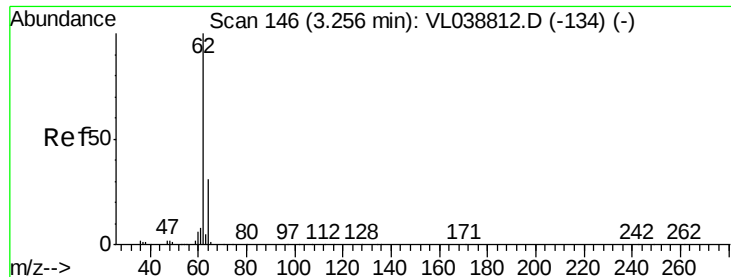
Tot Ion: 51 Resp: 1334084
 Ion Ratio Lower Upper
 51 100
 67 19.8 13.4 20.0



#4
 Chloromethane
 Concen: 9.240 ppbv
 RT: 3.15 min Scan# 112
 Delta R.T. 0.01 min
 Lab File: VL038906.D
 Acq: 13 Apr 2022 16:17

Tgt Ion: 50 Resp: 643133
 Ion Ratio Lower Upper
 50 100
 52 33.6 24.3 36.5





#5

Vinyl Chloride

Concen: 9.777 ppbv

RT: 3.27 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

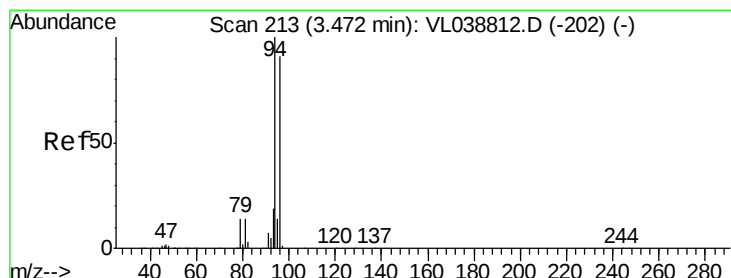
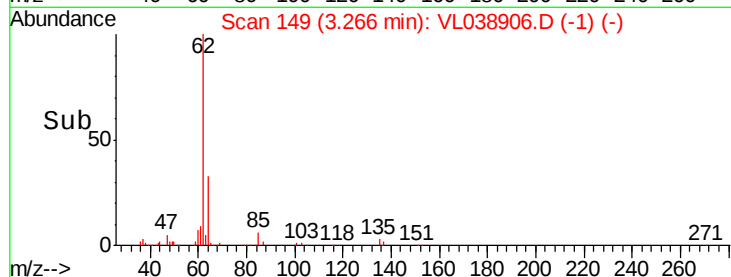
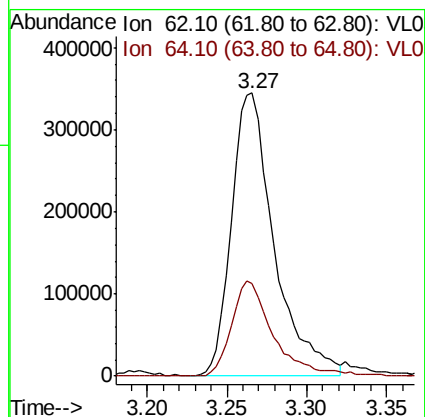
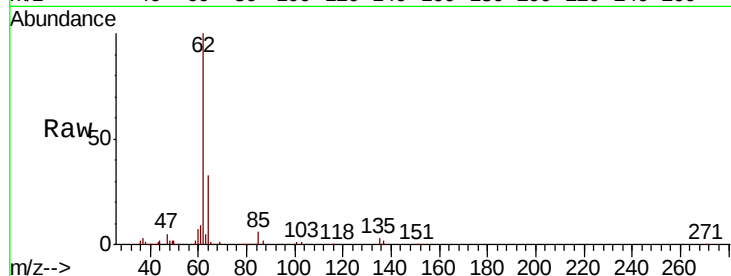
Acq: 13 Apr 2022 16:17

Tot Ion: 62 Resp: 628817

Ion Ratio Lower Upper

62 100

64 32.8 24.6 37.0



#6

Bromomethane

Concen: 10.552 ppbv

RT: 3.48 min Scan# 216

Delta R.T. 0.01 min

Lab File: VL038906.D

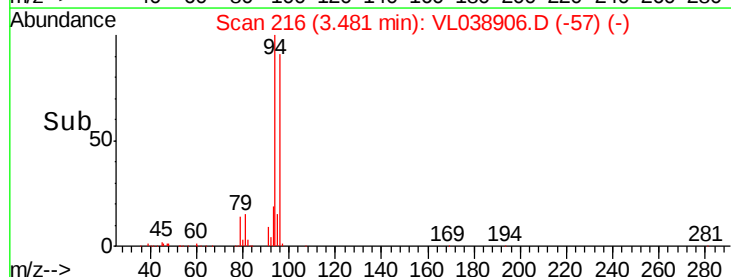
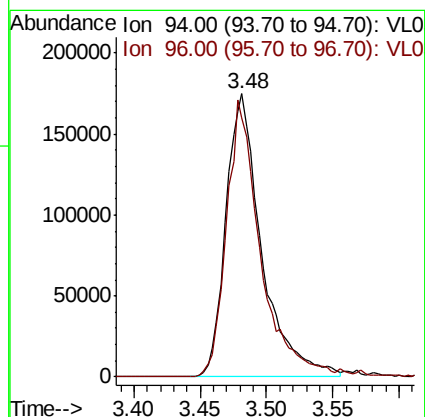
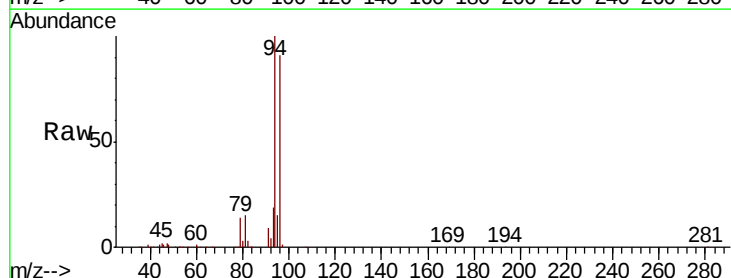
Acq: 13 Apr 2022 16:17

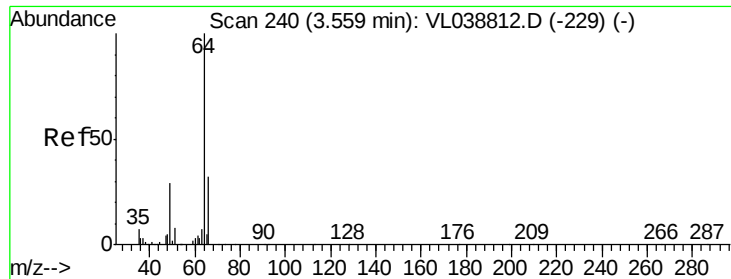
Tgt Ion: 94 Resp: 328346

Ion Ratio Lower Upper

94 100

96 91.4 73.2 109.8





#7

Chloroethane

Concen: 9.459 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

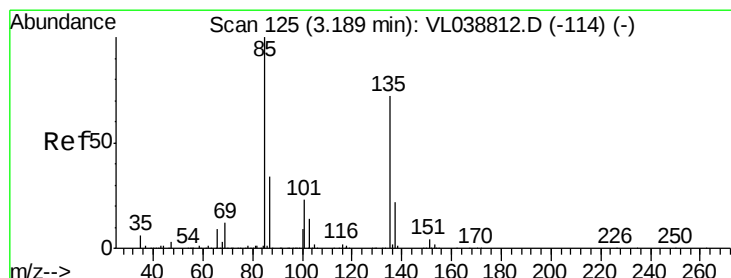
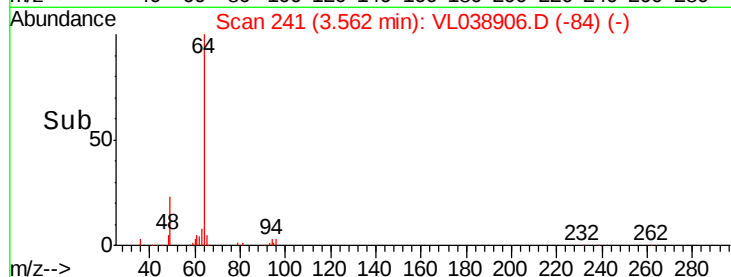
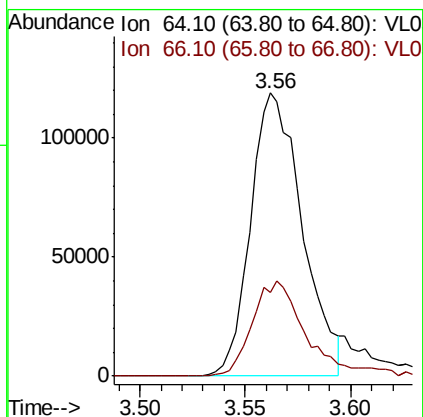
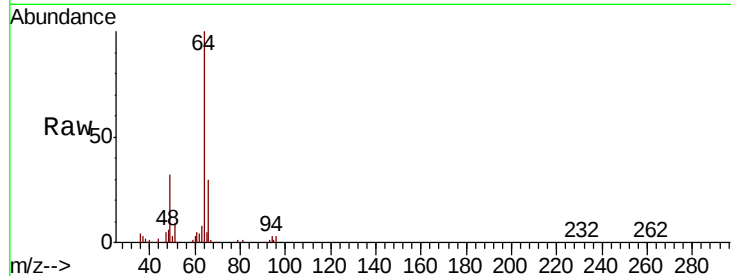
Acq: 13 Apr 2022 16:17 VL0413ABS01

Tot Ion: 64 Resp: 202875

Ion Ratio Lower Upper

64 100

66 29.6 25.4 38.2



#8

Dichlorotetrafluoroethane

Concen: 10.674 ppbv

RT: 3.20 min Scan# 127

Delta R.T. 0.01 min

Lab File: VL038906.D

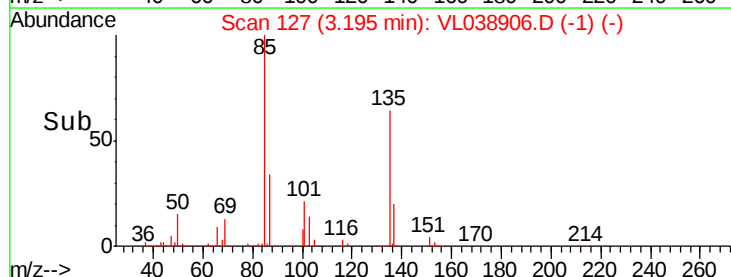
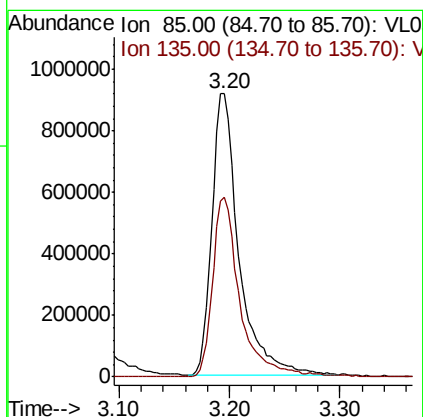
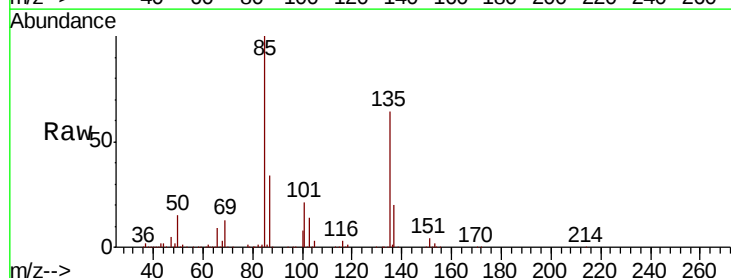
Acq: 13 Apr 2022 16:17

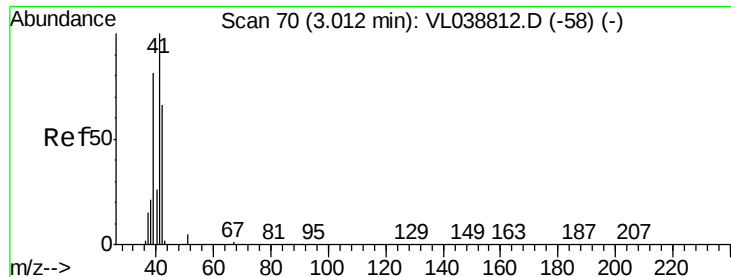
Tgt Ion: 85 Resp: 1557848

Ion Ratio Lower Upper

85 100

135 64.9 57.0 85.6





#9

Propene

Concen: 7.900 ppbv

RT: 3.02 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

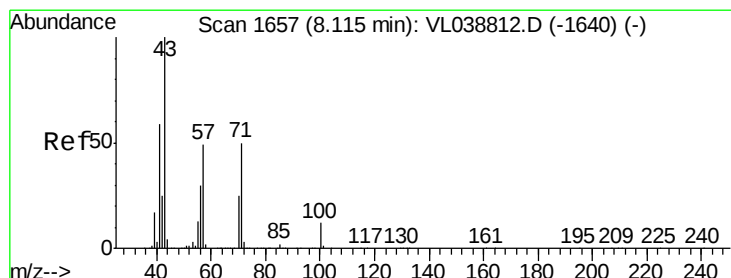
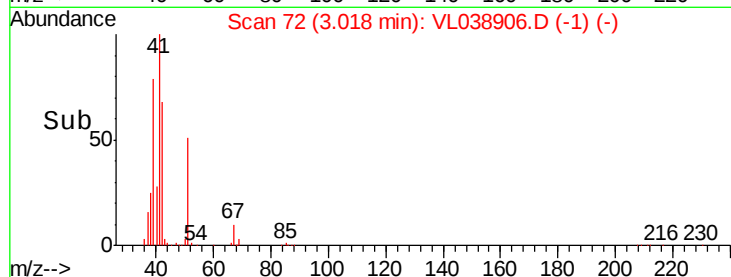
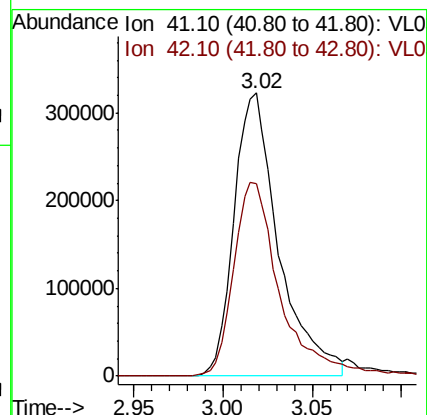
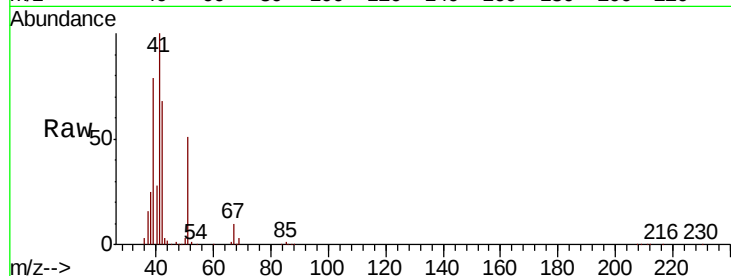
Acq: 13 Apr 2022 16:17

Tot Ion: 41 Resp: 561877

Ion Ratio Lower Upper

41 100

42 72.3 54.2 81.4



#10

Heptane

Concen: 8.224 ppbv

RT: 8.13 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VL038906.D

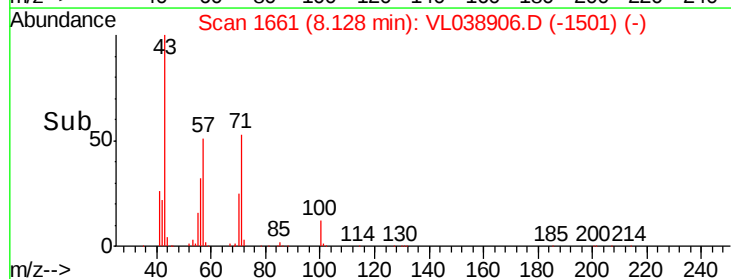
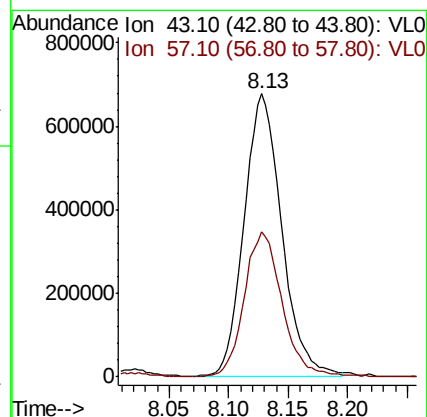
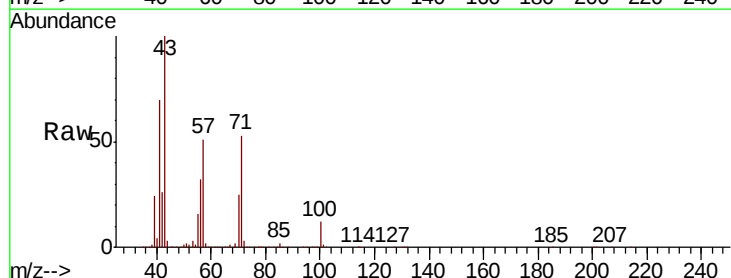
Acq: 13 Apr 2022 16:17

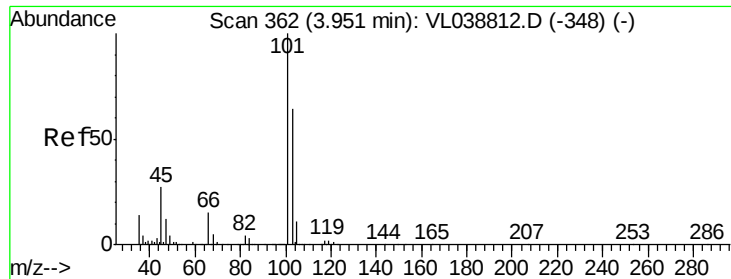
Tgt Ion: 43 Resp: 1473184

Ion Ratio Lower Upper

43 100

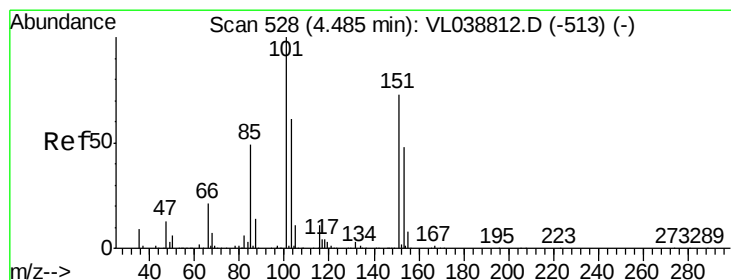
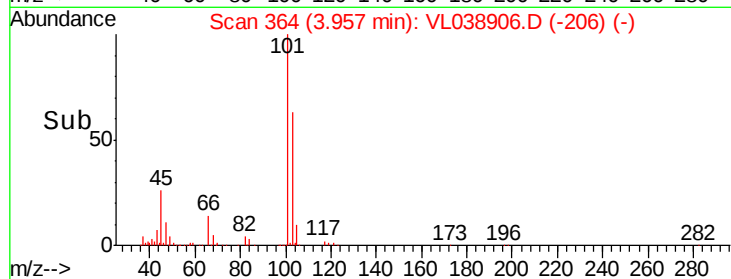
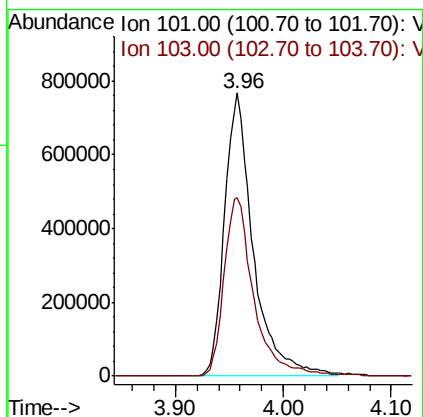
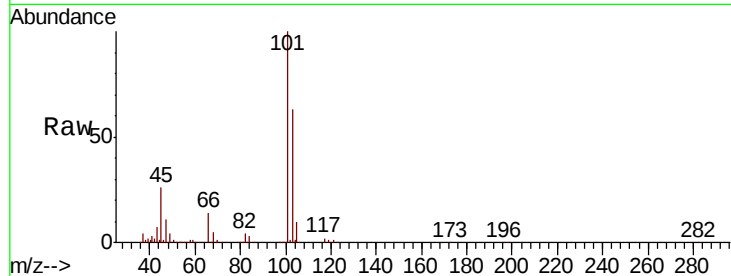
57 52.5 39.3 58.9





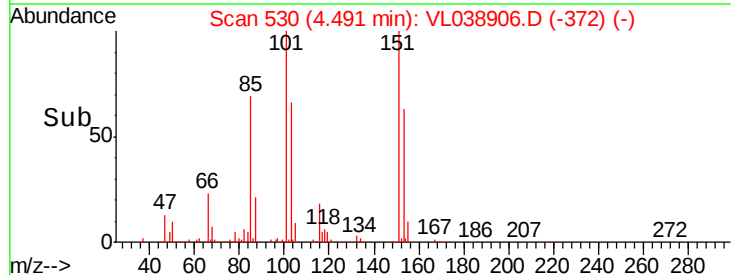
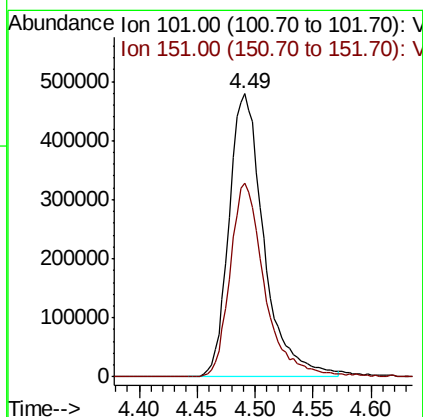
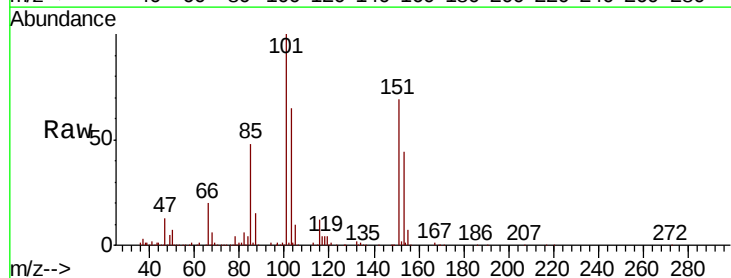
#11
 Trichlorofluoromethane
 Concen: 11.338 ppbv
 RT: 3.96
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0413ABS01
 Acq: 13 Apr 2022 16:17

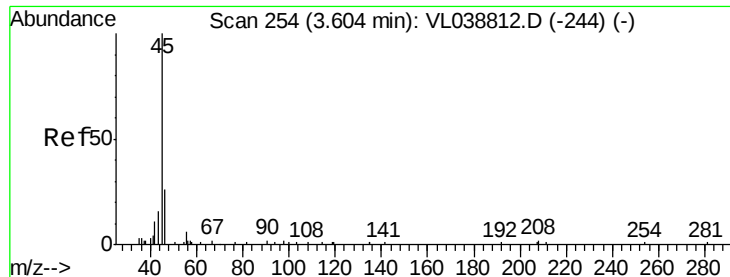
Tot Ion:101 Resp: 1423461
 Ion Ratio Lower Upper
 101 100
 103 62.8 51.4 77.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.372 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T.: 0.01 min
 Lab File: VL038906.D
 Acq: 13 Apr 2022 16:17

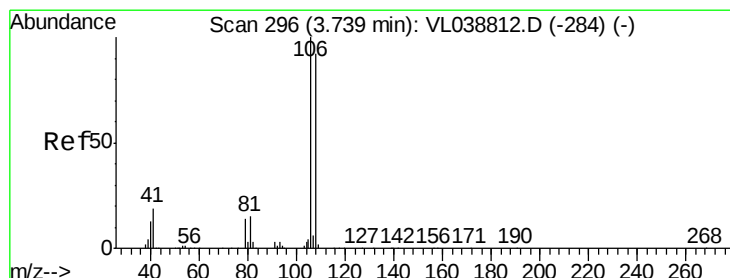
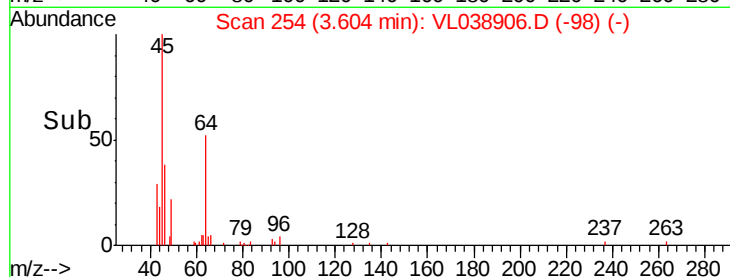
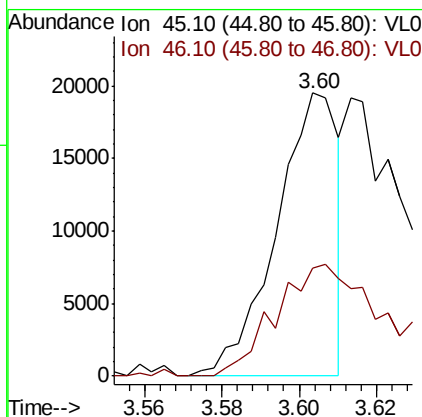
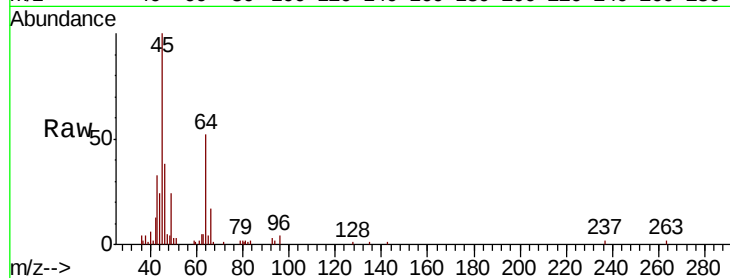
Tgt Ion:101 Resp: 997464
 Ion Ratio Lower Upper
 101 100
 151 68.5 59.9 89.9





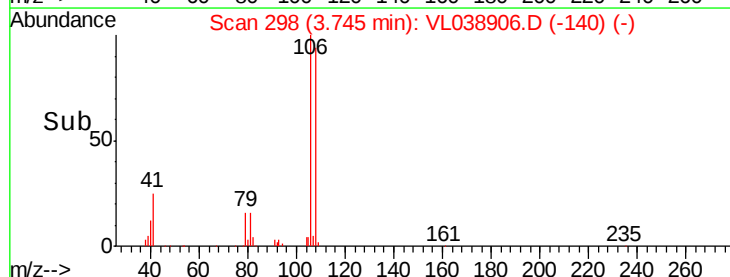
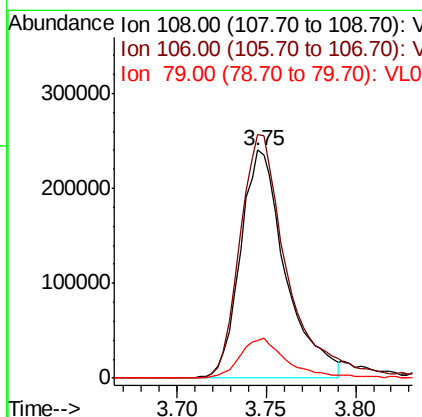
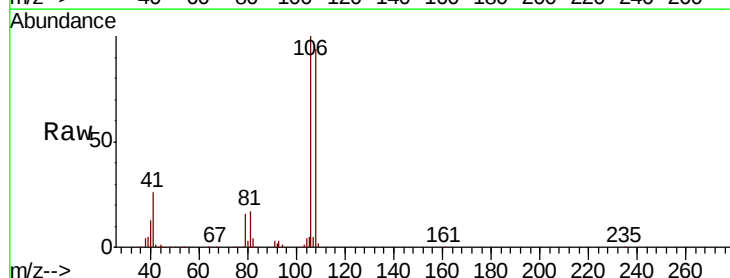
#13
Ethanol
Concen: 5.013 ppbv
RT: 3.60
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 13 Apr 2022 16:17

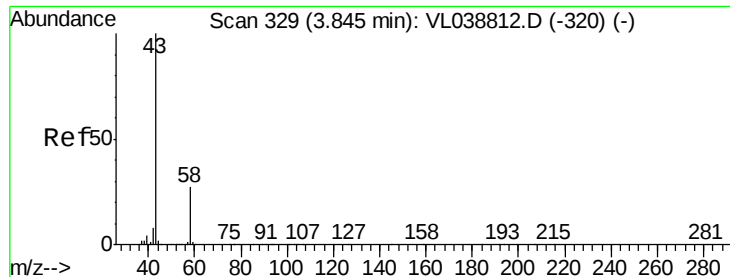
Tot Ion: 45 Resp: 21668
Ion Ratio Lower Upper
45 100
46 87.6 0.0 0.0#



#14
Bromoethene
Concen: 9.998 ppbv
RT: 3.75 min Scan# 298
Delta R.T. 0.01 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

Tgt Ion: 108 Resp: 422837
Ion Ratio Lower Upper
108 100
106 114.6 91.5 137.3
79 19.5 13.7 20.5





#15

Acetone

Concen: 10.177 ppbv

RT: 3.85 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

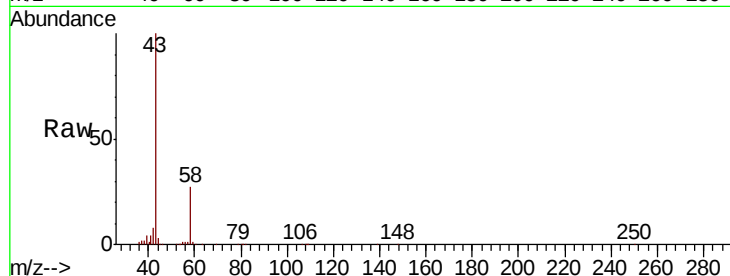
Acq: 13 Apr 2022 16:17 VL0413ABS01

Tot Ion: 43 Resp: 1115966

Ion Ratio Lower Upper

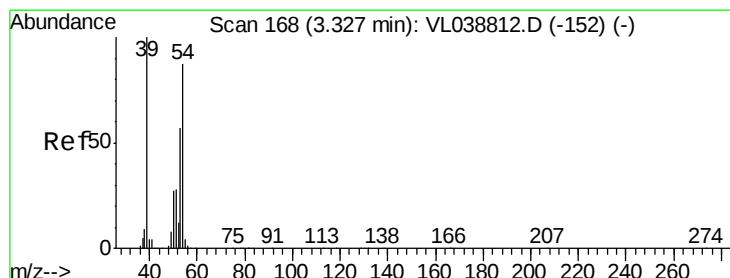
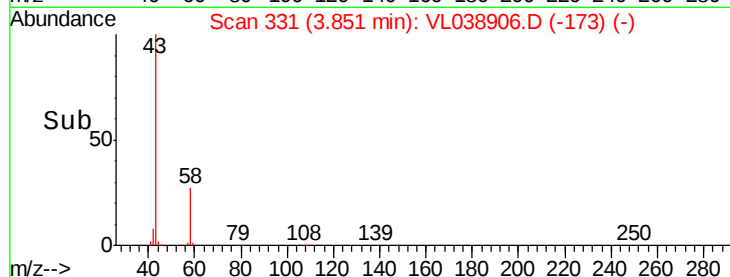
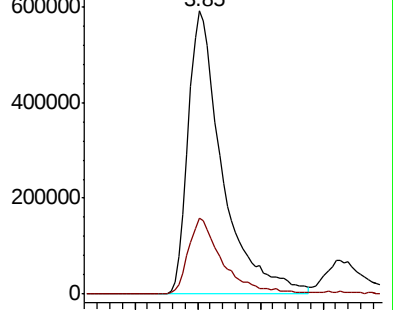
43 100

58 26.8 22.5 33.7



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 9.476 ppbv

RT: 3.33 min Scan# 170

Delta R.T. 0.01 min

Lab File: VL038906.D

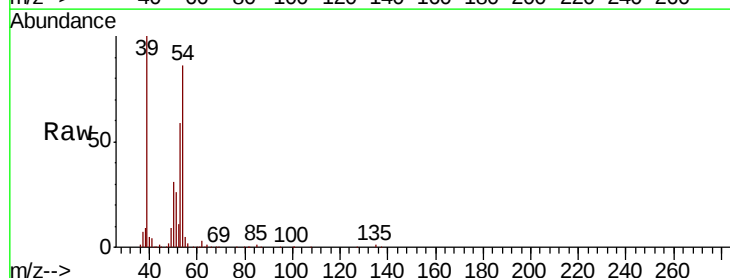
Acq: 13 Apr 2022 16:17

Tgt Ion: 39 Resp: 594058

Ion Ratio Lower Upper

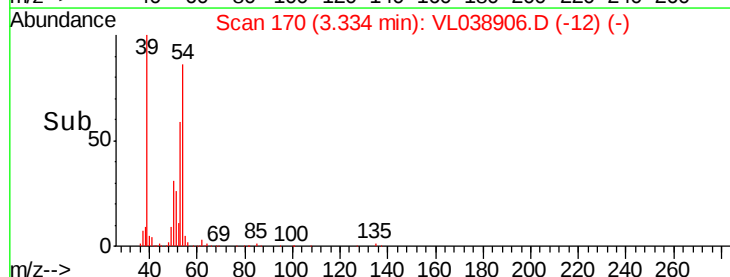
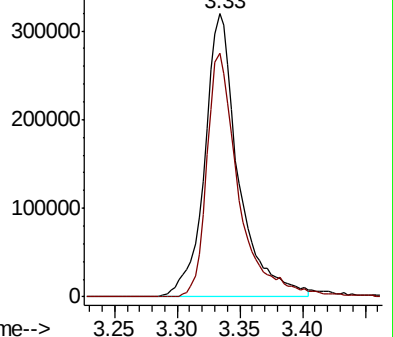
39 100

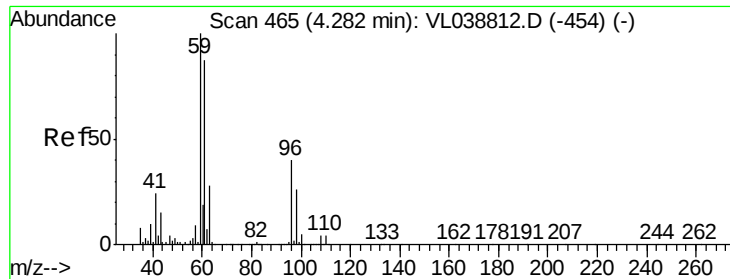
54 82.4 64.8 97.2



Abundance Ion 39.10 (38.80 to 39.80): VL0

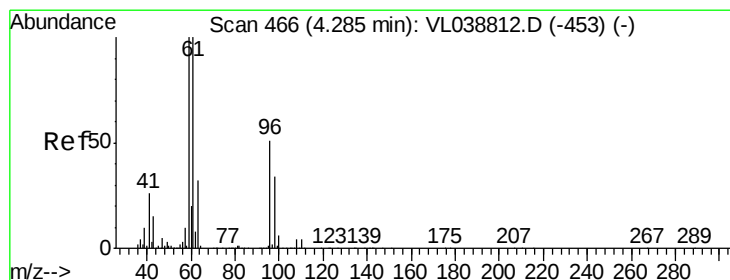
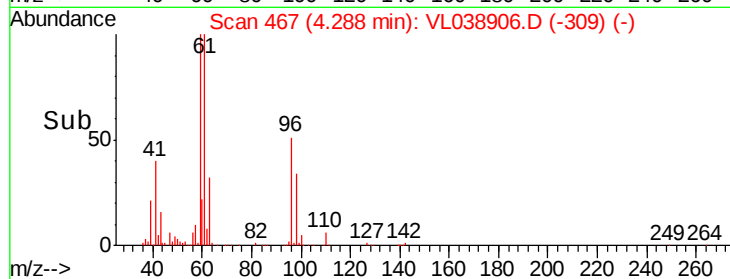
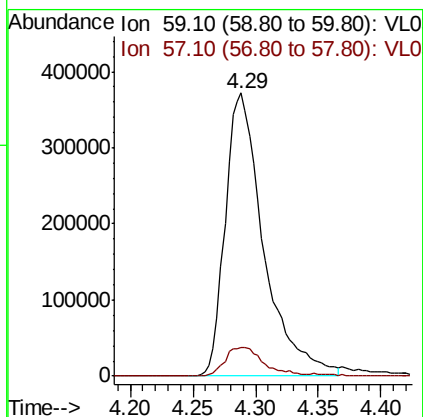
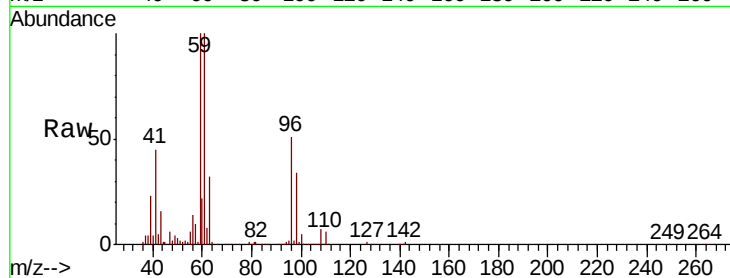
Ion 54.10 (53.80 to 54.80): VL0





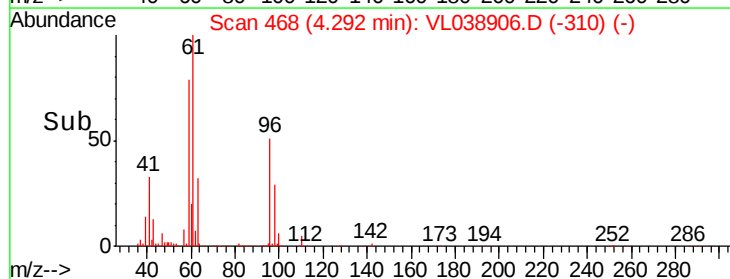
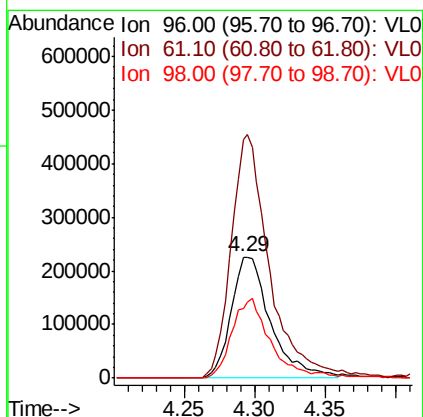
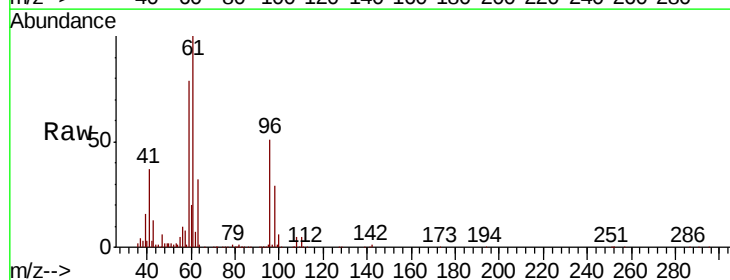
#17
 tert-Butyl alcohol
 Concen: 8.061 ppbv
 RT: 4.29
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 13 Apr 2022 16:17

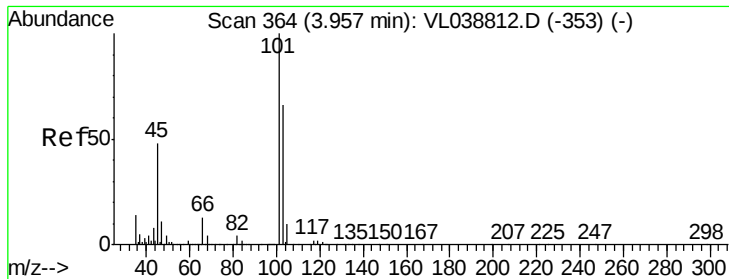
Tot Ion: 59 Resp: 792699
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.5 12.7



#18
 1,1-Dichloroethene
 Concen: 10.129 ppbv
 RT: 4.29 min Scan# 468
 Delta R.T. 0.01 min
 Lab File: VL038906.D
 Acq: 13 Apr 2022 16:17

Tgt Ion: 96 Resp: 444045
 Ion Ratio Lower Upper
 96 100
 61 196.2 156.1 234.1
 98 57.7 53.0 79.6





#19

Isopropyl Alcohol

Concen: 9.733 ppbv

RT: 3.97 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

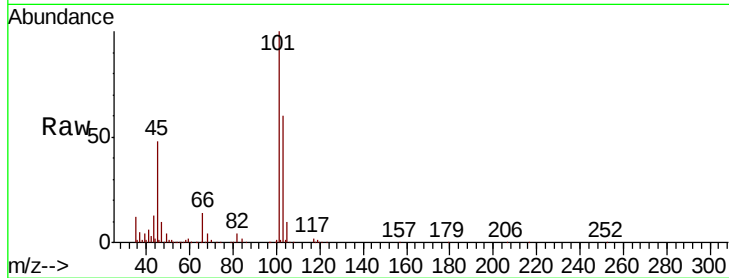
Acq: 13 Apr 2022 16:17 VL0413ABS01

Tot Ion: 45 Resp: 545486

Ion Ratio Lower Upper

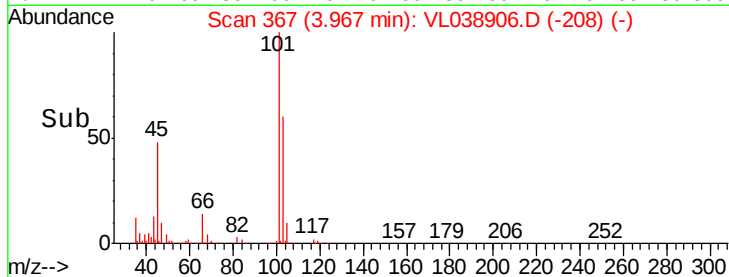
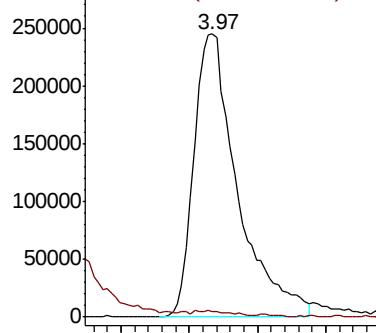
45 100

58 2.9 0.0 0.0#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 9.289 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.01 min

Lab File: VL038906.D

Acq: 13 Apr 2022 16:17

Tgt Ion: 84 Resp: 369443

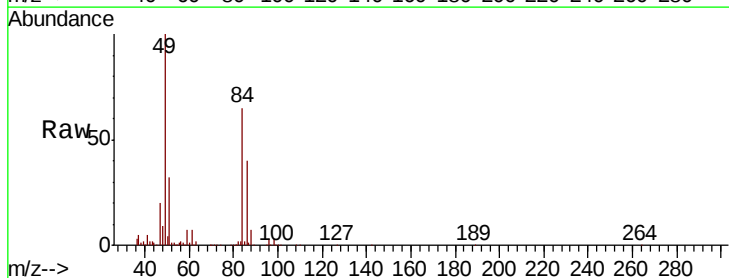
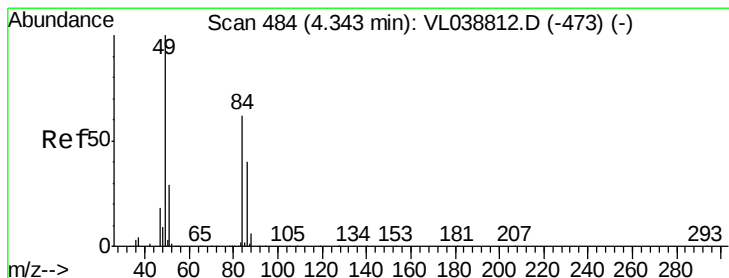
Ion Ratio Lower Upper

84 100

49 151.8 129.4 194.0

51 49.1 37.4 56.2

86 62.3 51.4 77.2

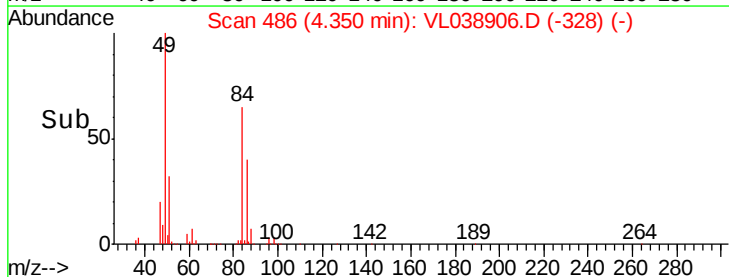
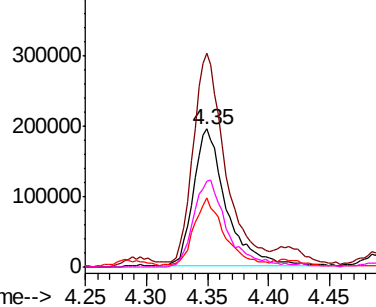


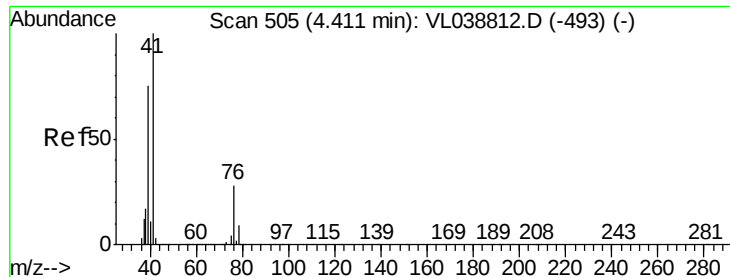
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

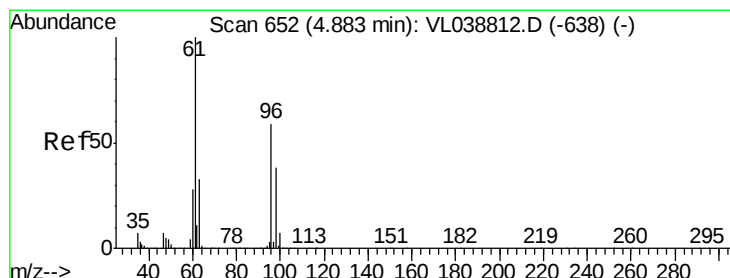
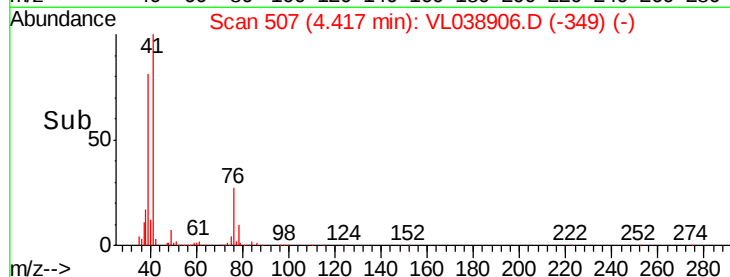
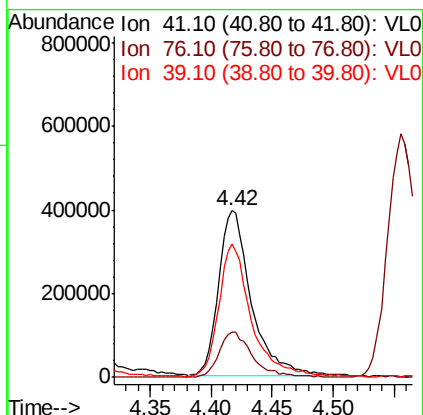
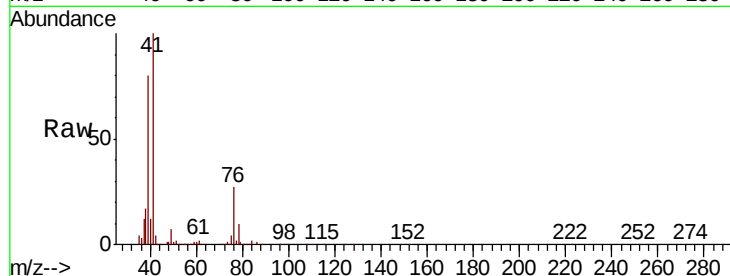
Ion 86.00 (85.70 to 86.70): VL0





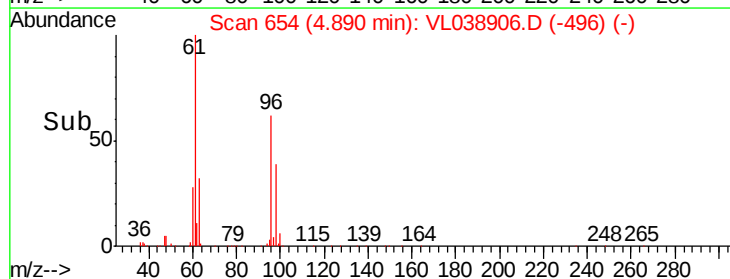
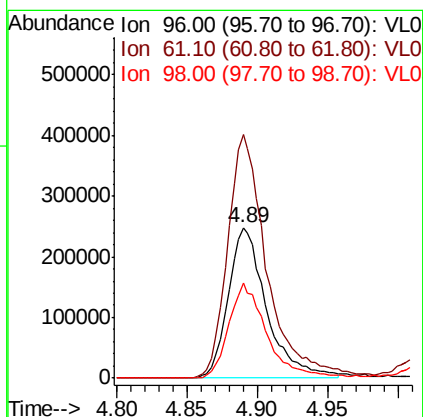
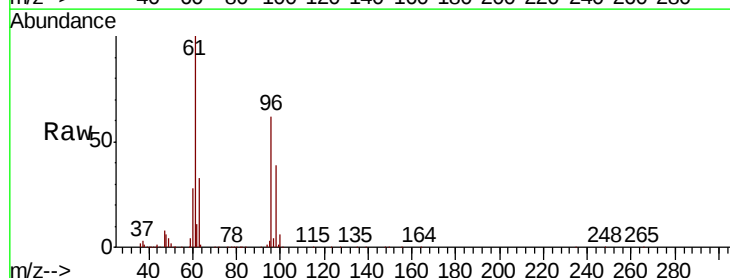
#21
 Allvl Chloride
 Concen: 9.047 ppbv
 RT: 4.42
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0413ABS01
 Acq: 13 Apr 2022 16:17

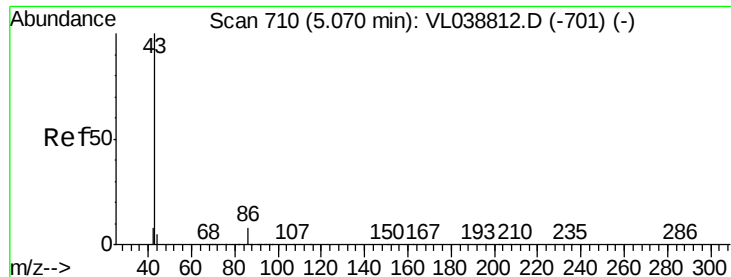
Tot Ion	Ratio	Lower	Upper
41	100		
76	28.5	23.7	35.5
39	79.8	62.0	93.0



#22
 trans-1,2-Dichloroethene
 Concen: 10.626 ppbv
 RT: 4.89 min Scan# 654
 Delta R.T. 0.01 min
 Lab File: VL038906.D
 Acq: 13 Apr 2022 16:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.7	134.8	202.2
98	63.4	51.9	77.9





#23

Vinyl Acetate

Concen: 9.217 ppbv

RT: 5.08 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 13 Apr 2022 16:17 VL0413ABS01

Tot Ion: 43 Resp: 984252

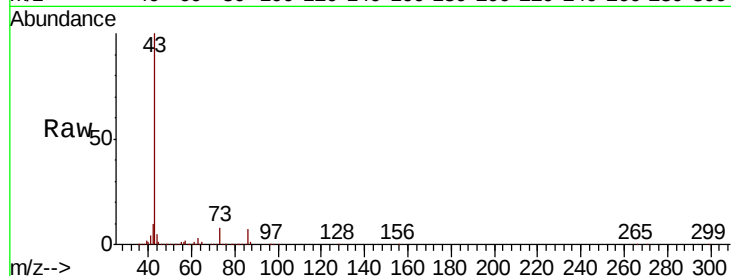
Ion Ratio Lower Upper

43 100

86 7.1 5.8 8.6

42 9.9 7.8 11.6

44 4.6 3.6 5.4

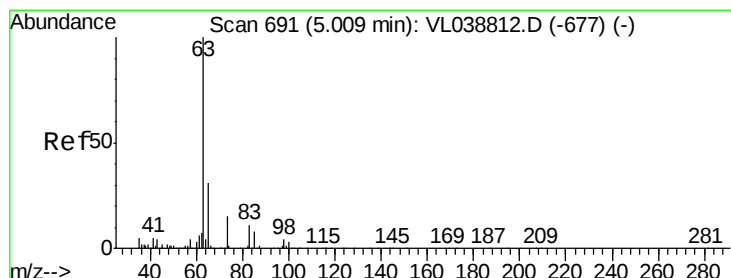
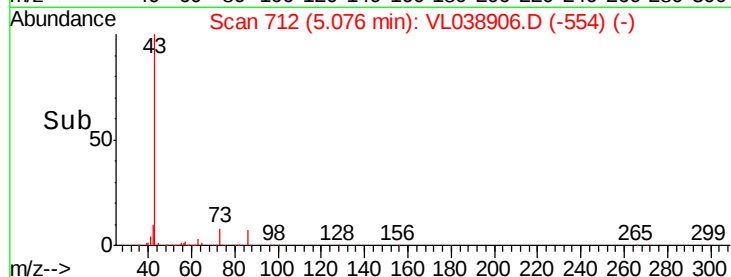
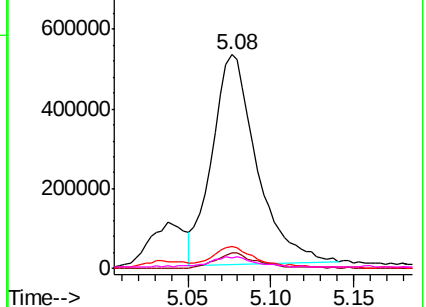


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 9.571 ppbv

RT: 5.02 min Scan# 693

Delta R.T. 0.01 min

Lab File: VL038906.D

Acq: 13 Apr 2022 16:17

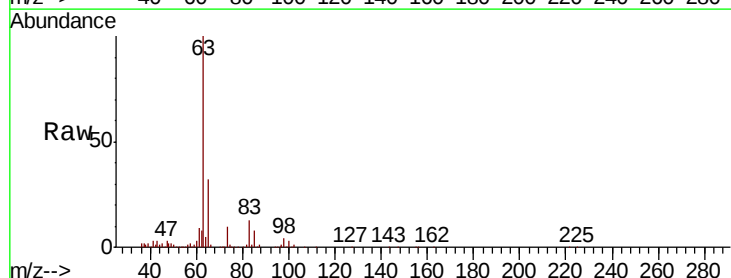
Tgt Ion: 63 Resp: 923617

Ion Ratio Lower Upper

63 100

98 4.2 2.2 6.6

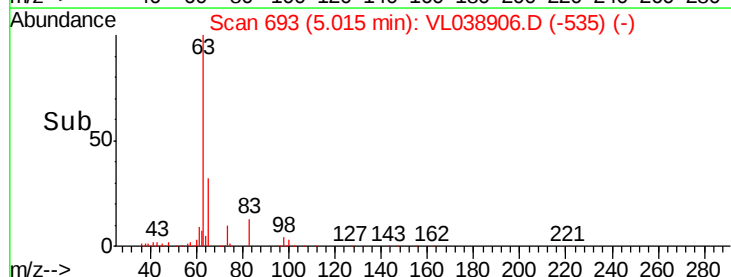
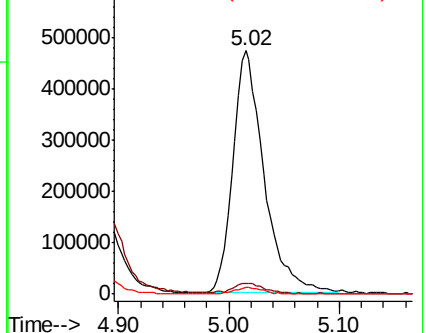
100 2.8 1.4 4.0

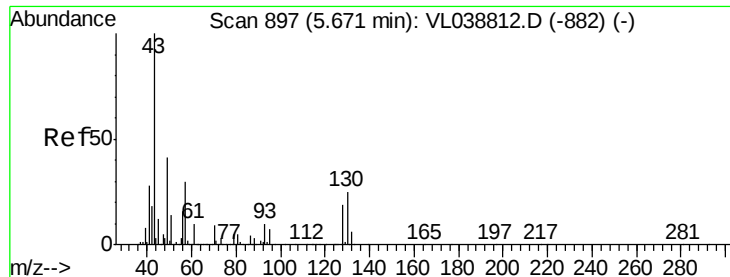


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

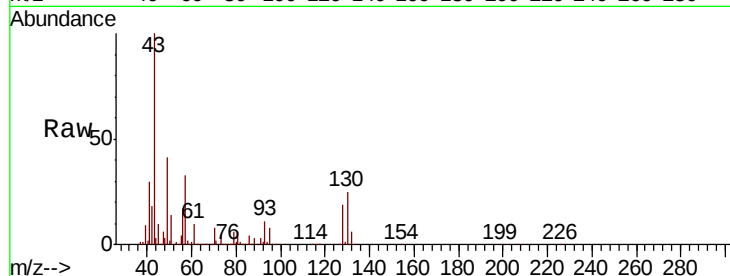
Ion 100.00 (99.70 to 100.70): VL0





#25
Ethyl Acetate
Concen: 9.171 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VL0413ABS01
Acq: 13 Apr 2022 16:17

Tot Ion:	43	Resp:	2551917
Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.4	12.6
61	9.9	7.9	11.9
70	6.8	5.6	8.4



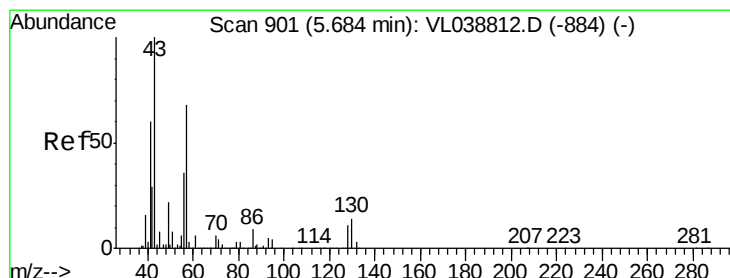
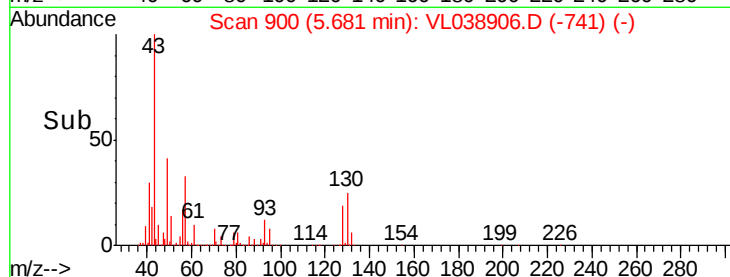
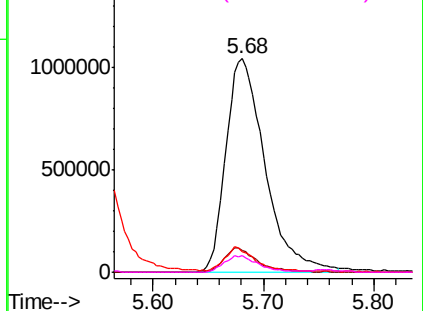
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

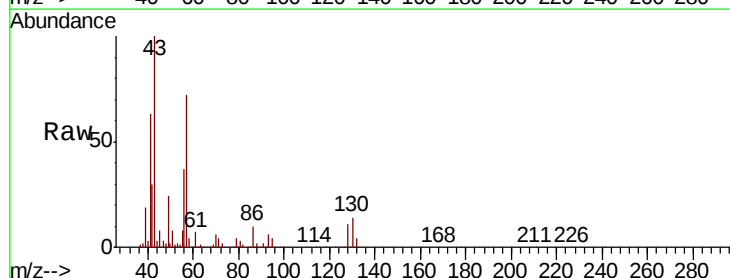
Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 8.839 ppbv
RT: 5.69 min Scan# 904
Delta R.T.: 0.01 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

Tgt Ion:	57	Resp:	1119407
Ion	Ratio	Lower	Upper
57	100		
41	91.3	72.0	108.0
43	232.1	186.6	280.0
56	52.5	42.8	64.2



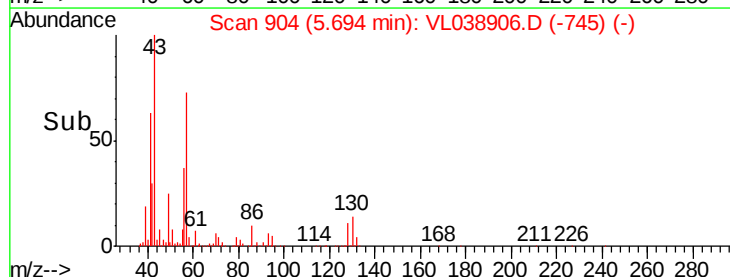
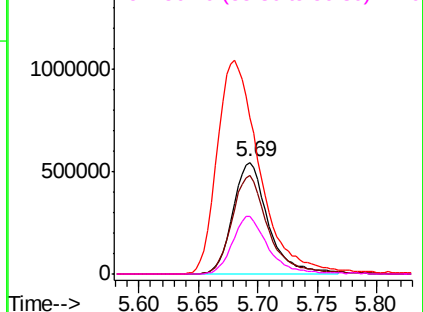
Abundance

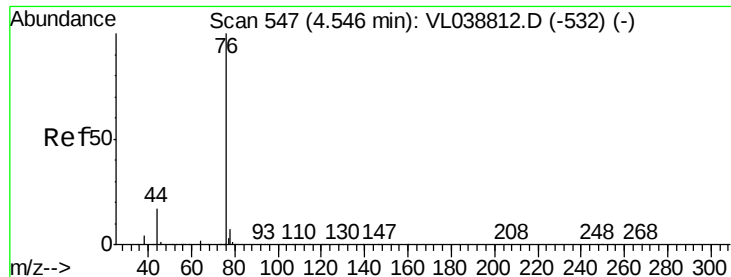
Ion 57.10 (56.80 to 57.80): VL0

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: 9.793 ppbv

RT: 4.56 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 13 Apr 2022 16:17

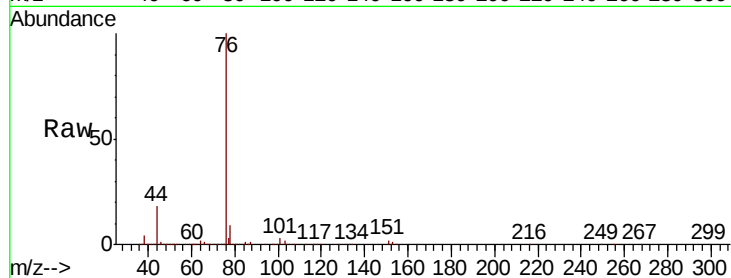
Tot Ion: 76 Resp: 1137452

Ion Ratio Lower Upper

76 100

44 19.6 15.7 23.5

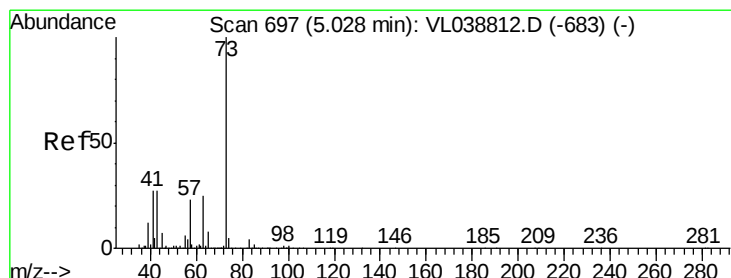
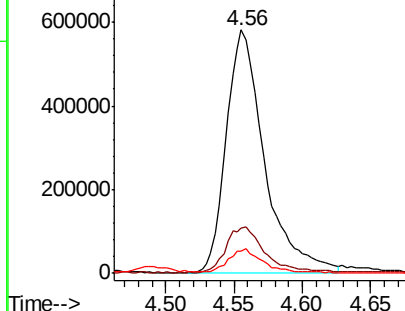
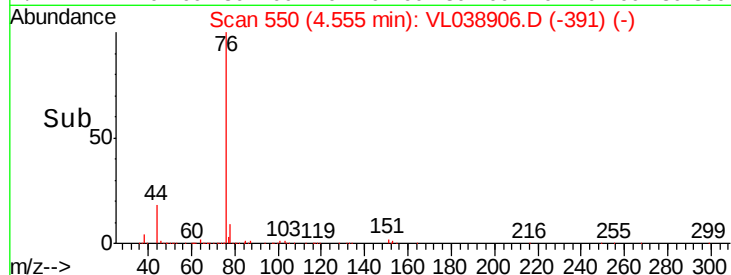
78 10.0 7.8 11.8



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: 8.573 ppbv

RT: 5.04 min Scan# 700

Delta R.T. 0.01 min

Lab File: VL038906.D

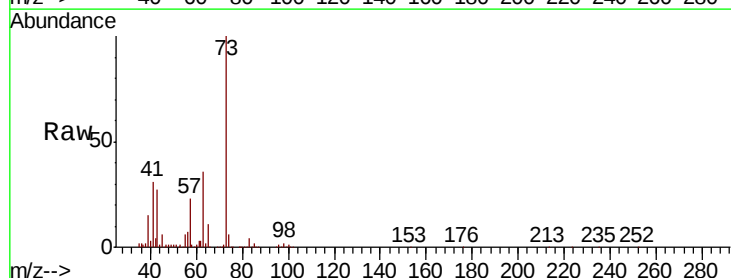
Acq: 13 Apr 2022 16:17

Tgt Ion: 73 Resp: 838572

Ion Ratio Lower Upper

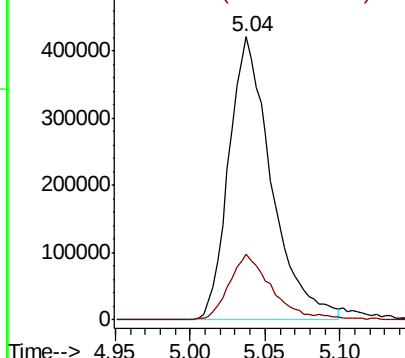
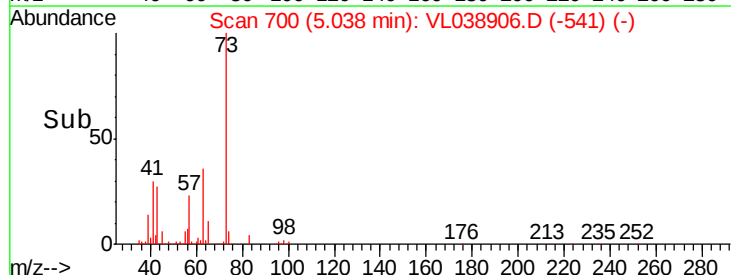
73 100

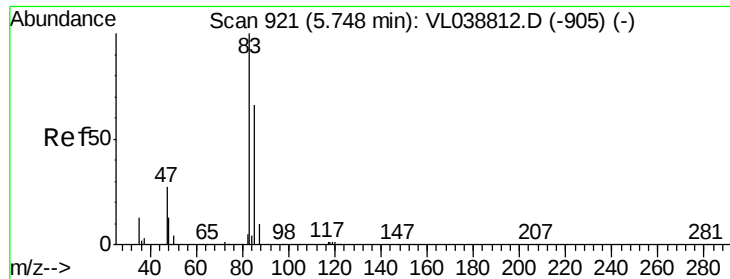
57 24.1 19.7 29.5



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#29

Chloroform

Concen: 10.388 ppbv

RT: 5.76 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

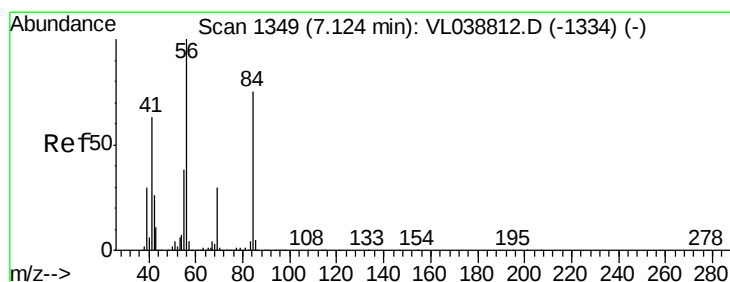
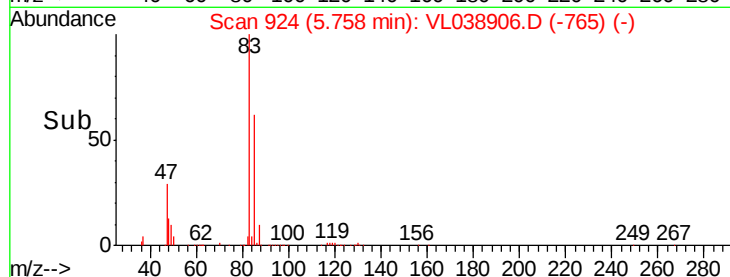
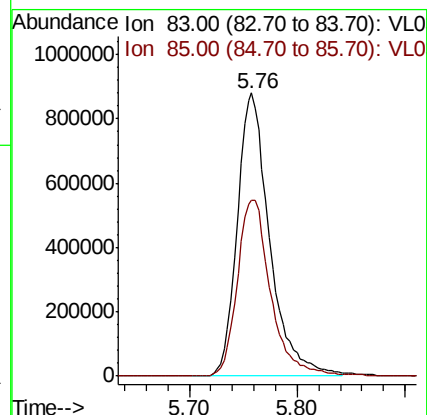
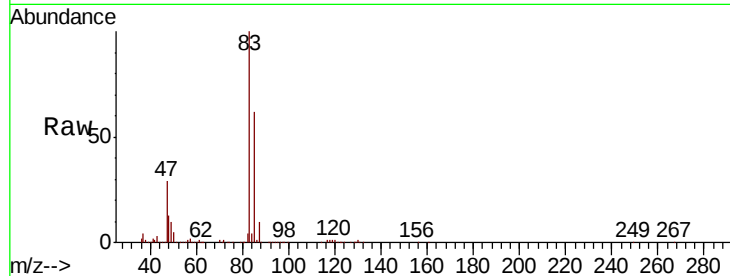
Acq: 13 Apr 2022 16:17 VL0413ABS01

Tot Ion: 83 Resp: 1840748

Ion Ratio Lower Upper

83 100

85 62.0 52.5 78.7



#30

Cyclohexane

Concen: 8.468 ppbv

RT: 7.14 min Scan# 1353

Delta R.T. 0.01 min

Lab File: VL038906.D

Acq: 13 Apr 2022 16:17

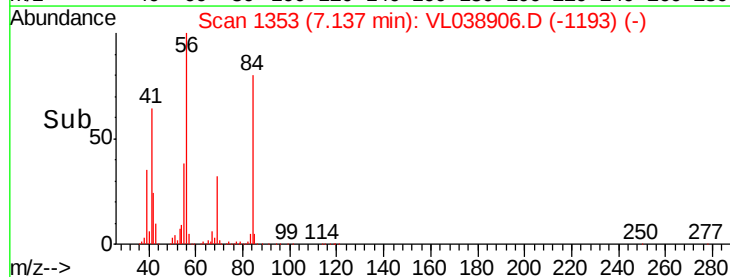
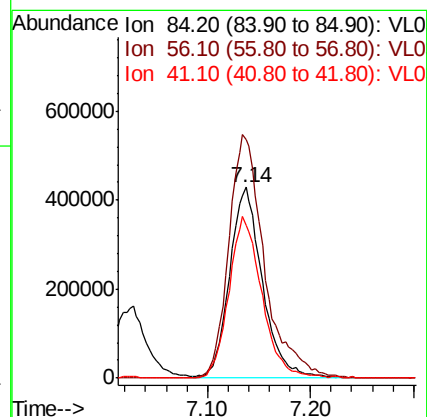
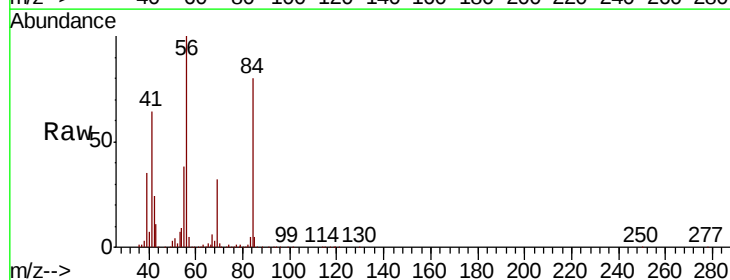
Tgt Ion: 84 Resp: 945187

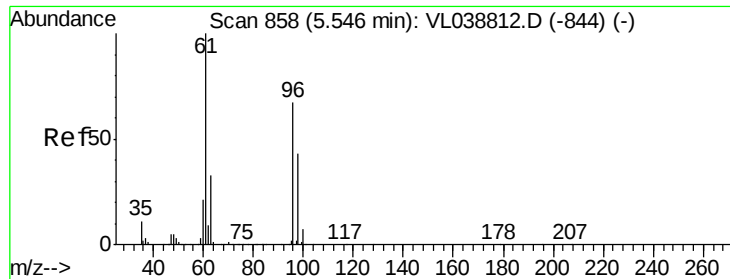
Ion Ratio Lower Upper

84 100

56 139.9 114.4 171.6

41 86.1 69.0 103.4





#31

cis-1,2-Dichloroethene

Concen: 10.169 ppbv

RT: 5.55 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 13 Apr 2022 16:17 VL0413ABS01

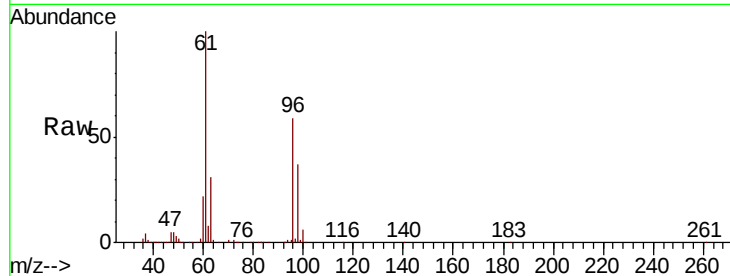
Tot Ion: 61 Resp: 1184163

Ion Ratio Lower Upper

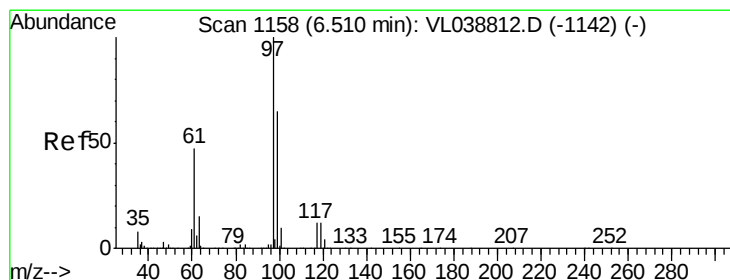
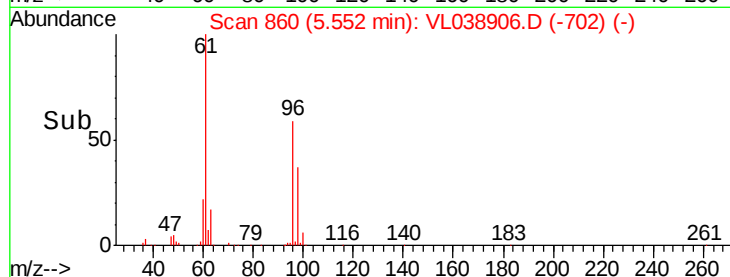
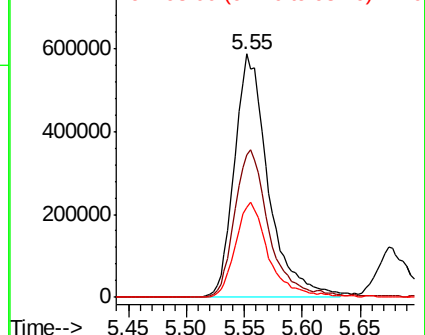
61 100

96 58.6 53.4 80.0

98 37.0 34.2 51.4



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: 10.436 ppbv

RT: 6.52 min Scan# 1160

Delta R.T. 0.01 min

Lab File: VL038906.D

Acq: 13 Apr 2022 16:17

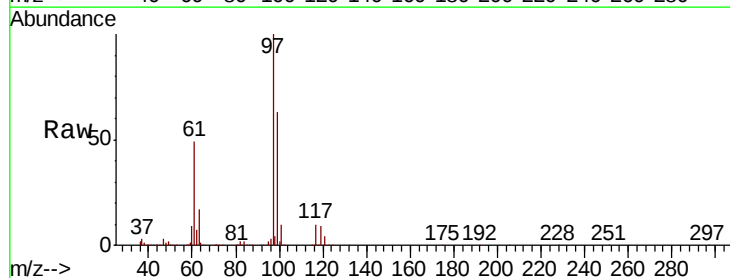
Tgt Ion: 97 Resp: 1863223

Ion Ratio Lower Upper

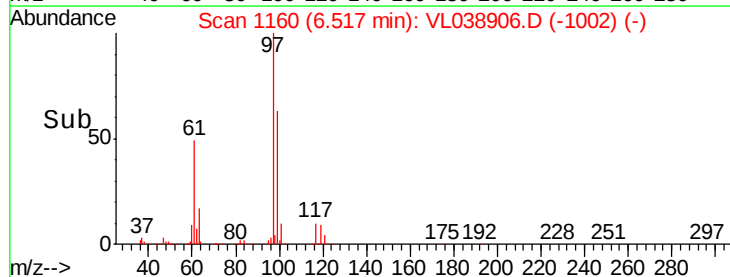
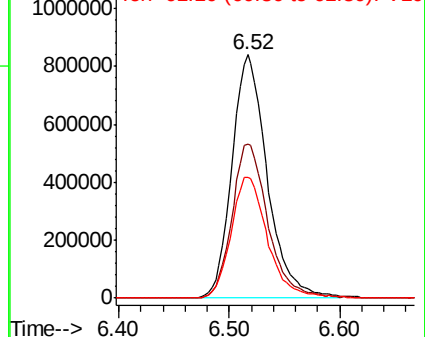
97 100

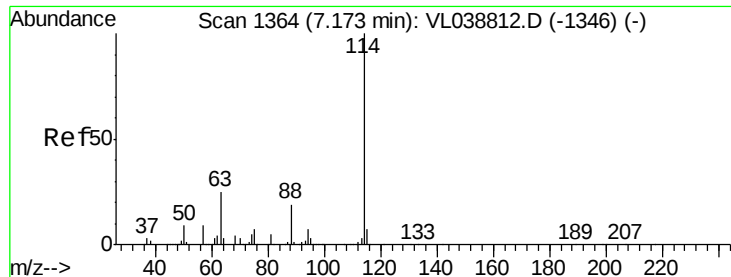
99 64.6 52.4 78.6

61 51.5 38.6 57.8



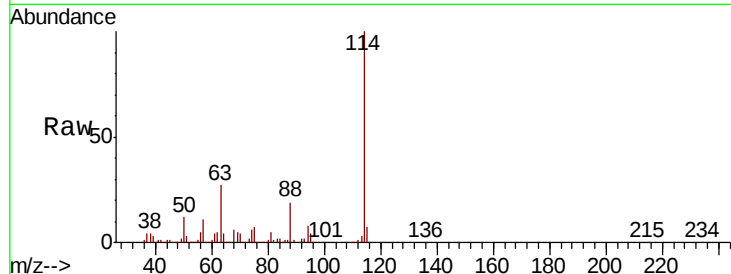
Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 99.00 (98.70 to 99.70): VL0
Ion 61.10 (60.80 to 61.80): VL0



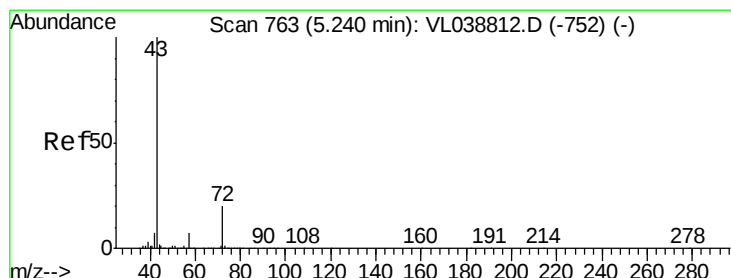
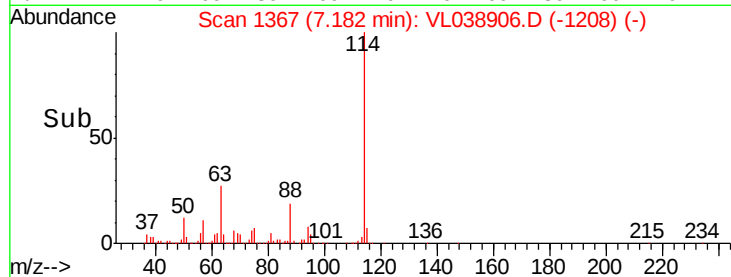
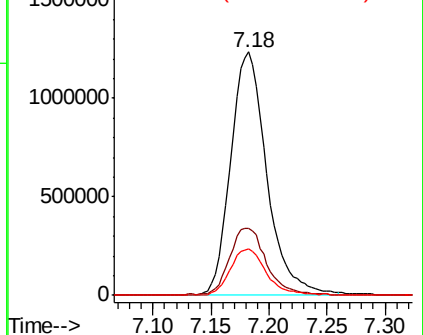


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId : VL0413ABS01
 Acq: 13 Apr 2022 16:17

Tot Ion:114 Resp: 2666860
 Ion Ratio Lower Upper
 114 100
 63 28.7 19.8 29.8
 88 19.2 14.2 21.4

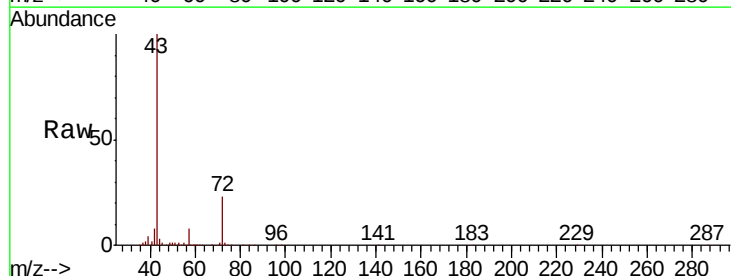


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

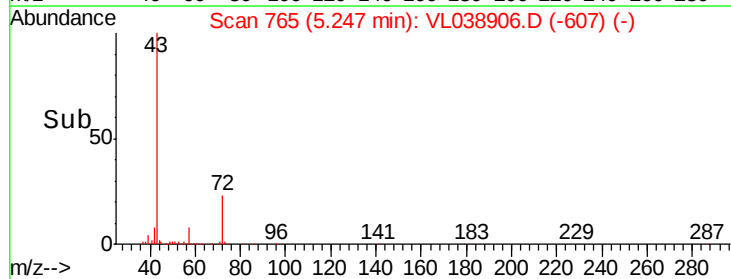
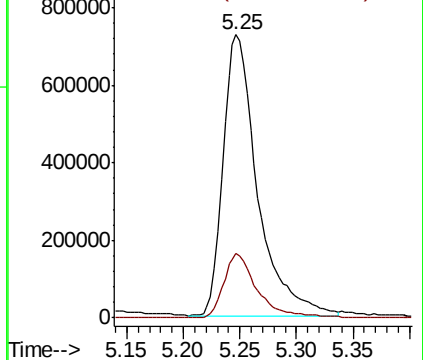


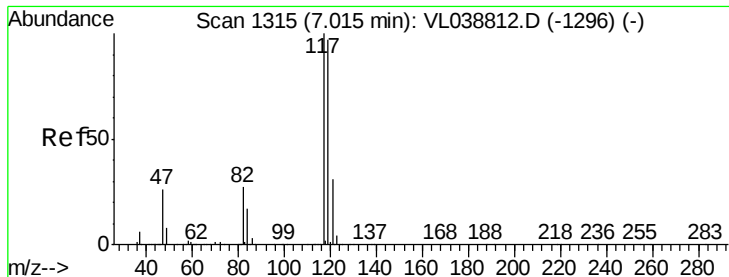
#34
 2-Butanone
 Concen: 14.535 ppbv
 RT: 5.25 min Scan# 765
 Delta R.T.: 0.01 min
 Lab File: VL038906.D
 Acq: 13 Apr 2022 16:17

Tgt Ion: 43 Resp: 1531673
 Ion Ratio Lower Upper
 43 100
 72 22.8 16.9 25.3



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





#35

Carbon Tetrachloride

Concen: 12.020 ppbv

RT: 7.02 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 13 Apr 2022 16:17 VL0413ABS01

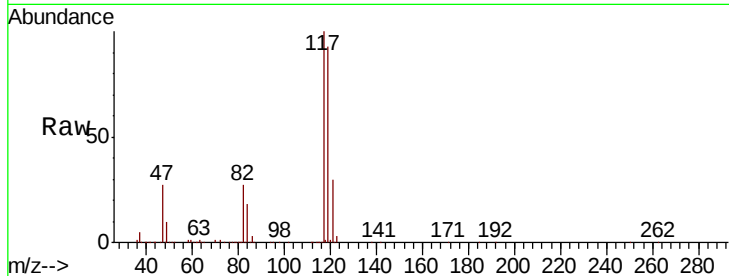
Tot Ion:117 Resp: 1921796

Ion Ratio Lower Upper

117 100

119 93.1 77.7 116.5

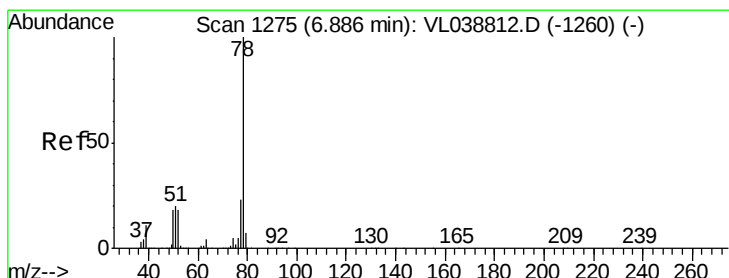
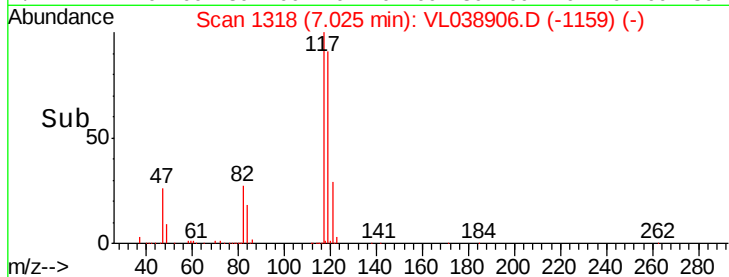
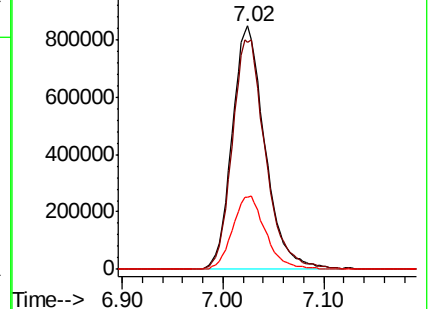
121 29.5 24.5 36.7



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: 9.389 ppbv

RT: 6.90 min Scan# 1278

Delta R.T. 0.01 min

Lab File: VL038906.D

Acq: 13 Apr 2022 16:17

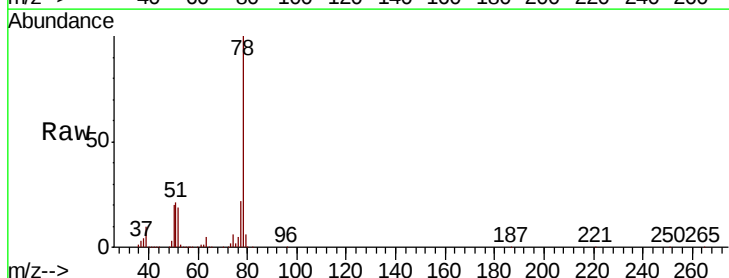
Tgt Ion: 78 Resp: 2277850

Ion Ratio Lower Upper

78 100

77 22.1 18.2 27.2

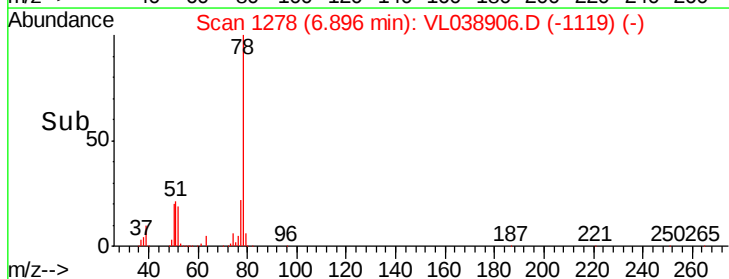
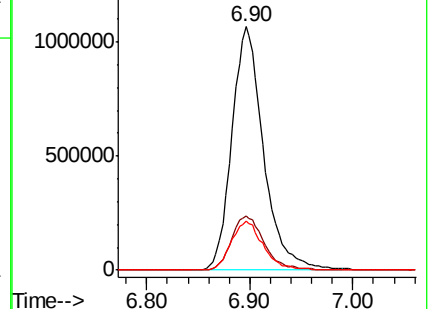
50 20.1 14.0 21.0

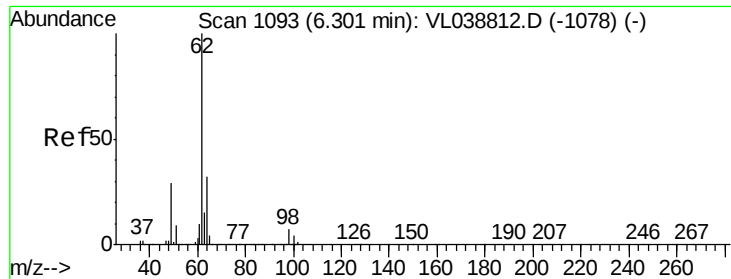


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

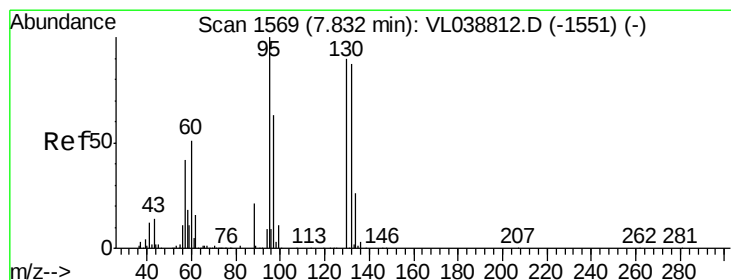
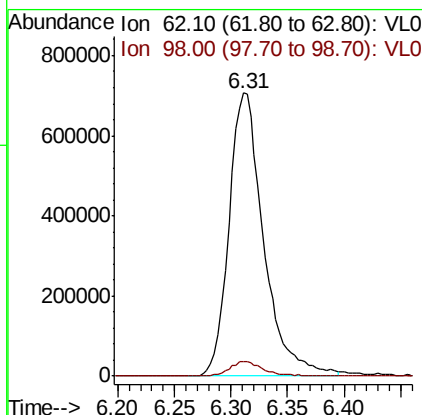
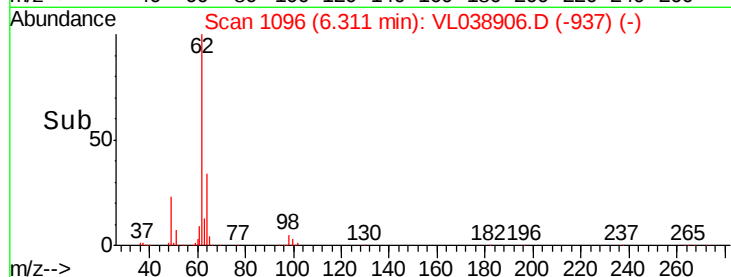
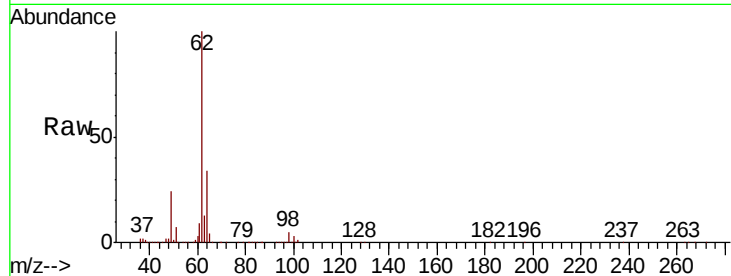
Ion 50.10 (49.80 to 50.80): VL0





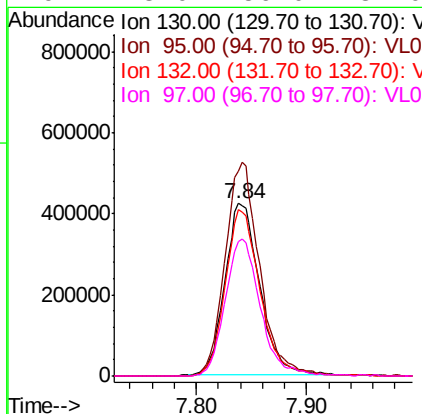
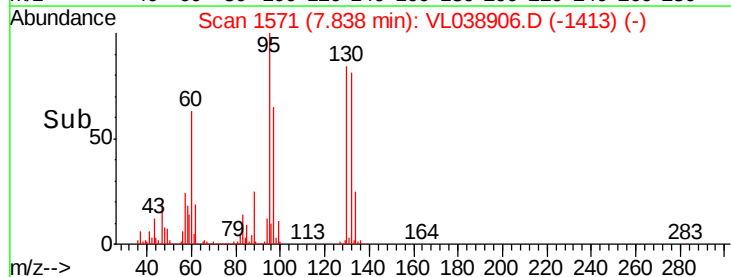
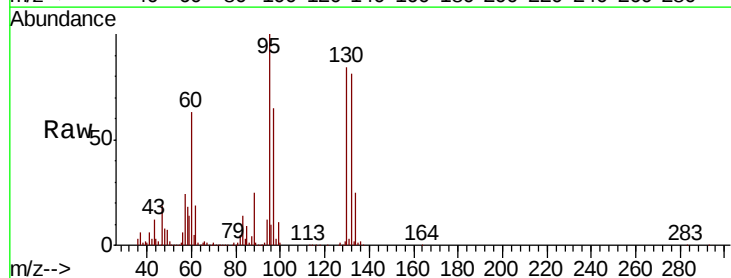
#37
 1,2-Dichloroethane
 Concen: 13.598 ppbv
 RT: 6.31
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 VL0413ABS01
 Acq: 13 Apr 2022 16:17

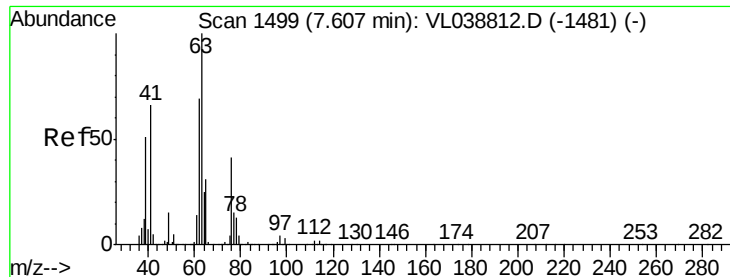
Tot Ion: 62 Resp: 1508328
 Ion Ratio Lower Upper
 62 100
 98 5.2 5.9 8.9#



#38
 Trichloroethene
 Concen: 9.231 ppbv
 RT: 7.84 min Scan# 1571
 Delta R.T. 0.01 min
 Lab File: VL038906.D
 Acq: 13 Apr 2022 16:17

Tgt Ion: 130 Resp: 918866
 Ion Ratio Lower Upper
 130 100
 95 119.5 89.4 134.0
 132 97.3 77.7 116.5
 97 78.0 56.0 84.0





#39

1,2-Dichloropropane

Concen: 9.864 ppbv

RT: 7.62 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 13 Apr 2022 16:17

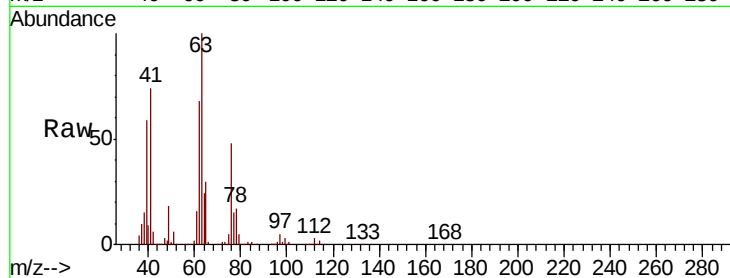
Tot Ion: 63 Resp: 915296

Ion Ratio Lower Upper

63 100

41 73.7 53.0 79.6

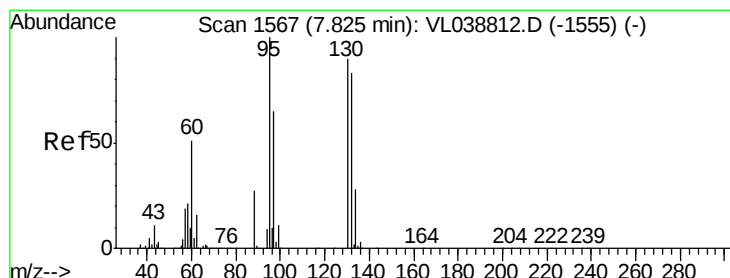
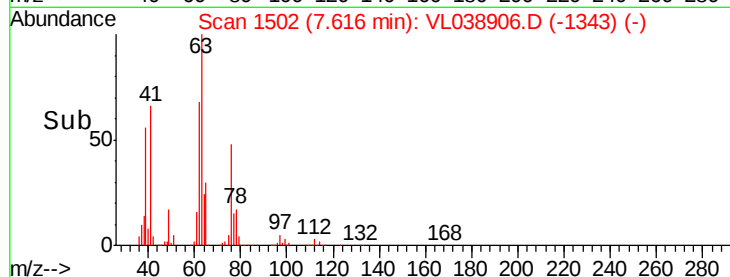
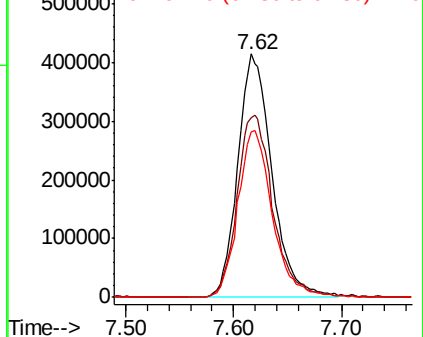
62 68.1 55.0 82.4



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: 5.007 ppbv

RT: 7.84 min Scan# 1571

Delta R.T. 0.01 min

Lab File: VL038906.D

Acq: 13 Apr 2022 16:17

Tgt Ion: 88 Resp: 157787

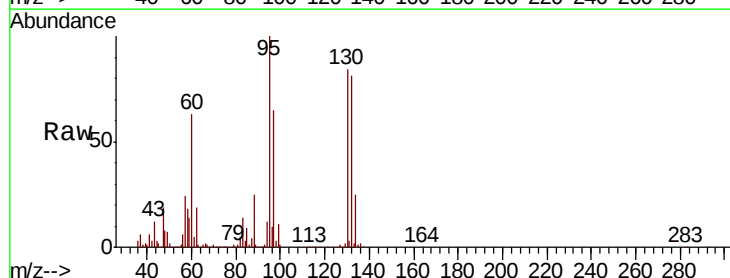
Ion Ratio Lower Upper

88 100

58 271.8 49.4 74.0#

43 0.0 0.0 0.0

57 0.0 0.0 0.0

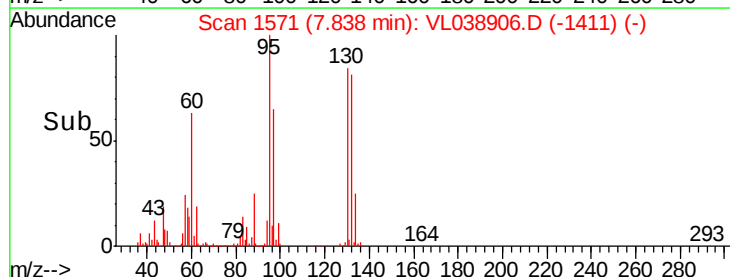
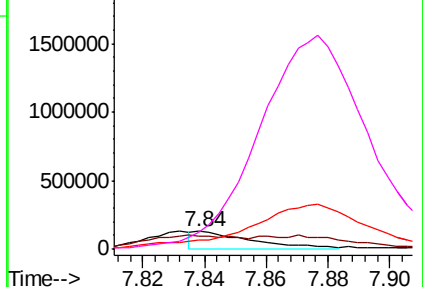


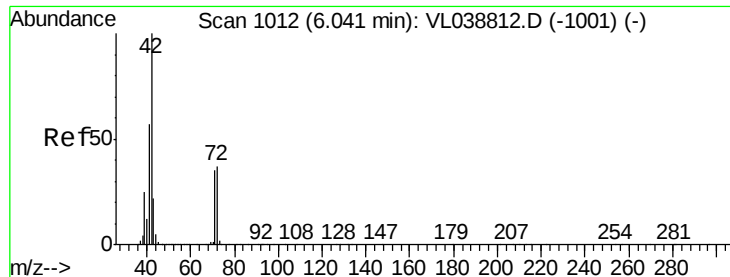
Abundance Ion 88.10 (87.80 to 88.80): VL0

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: 9.383 ppbv

RT: 6.05 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 13 Apr 2022 16:17

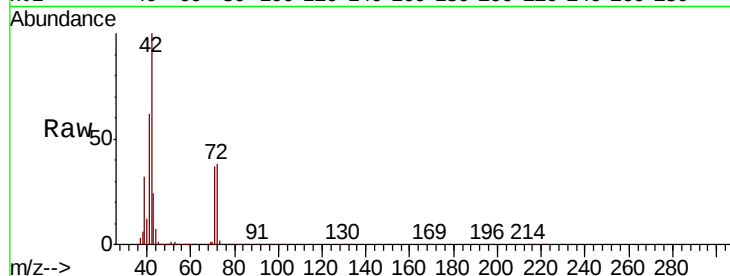
Tot Ion: 42 Resp: 939114

Ion Ratio Lower Upper

42 100

72 39.7 31.4 47.0

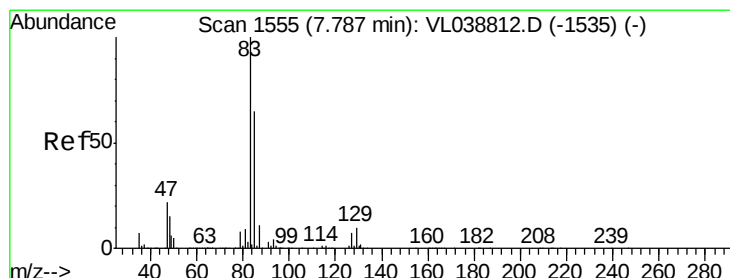
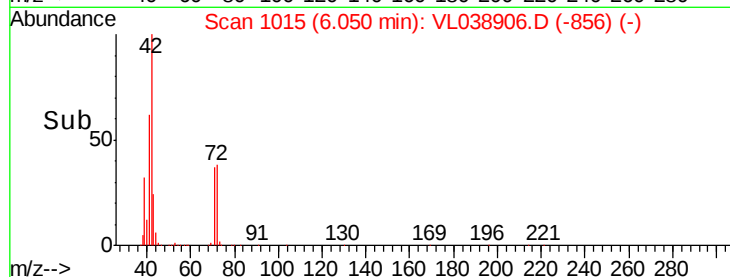
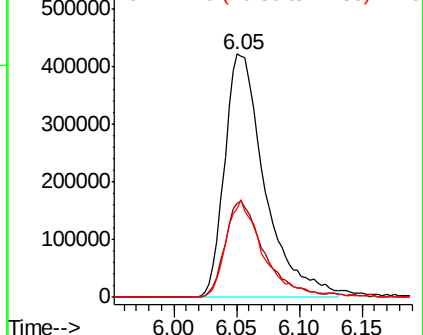
71 38.0 30.2 45.4



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: 11.873 ppbv

RT: 7.80 min Scan# 1558

Delta R.T. 0.01 min

Lab File: VL038906.D

Acq: 13 Apr 2022 16:17

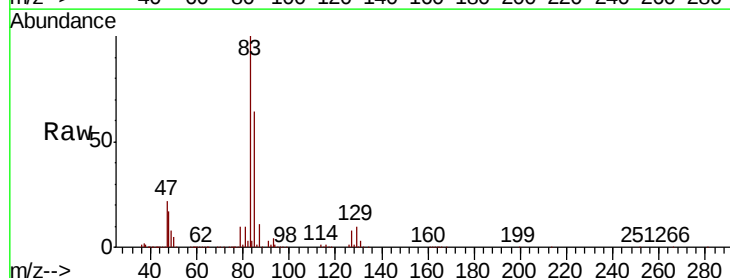
Tgt Ion: 83 Resp: 2079633

Ion Ratio Lower Upper

83 100

85 64.2 51.7 77.5

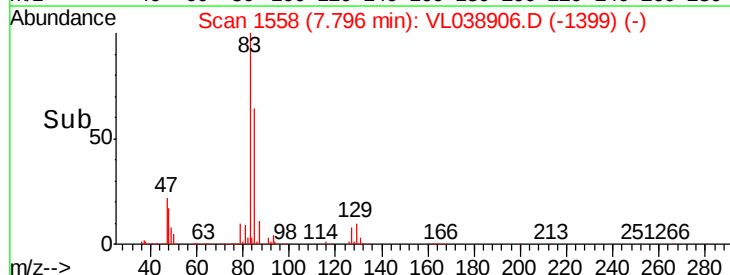
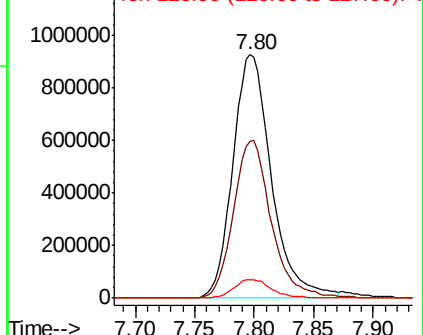
127 7.8 5.9 8.9

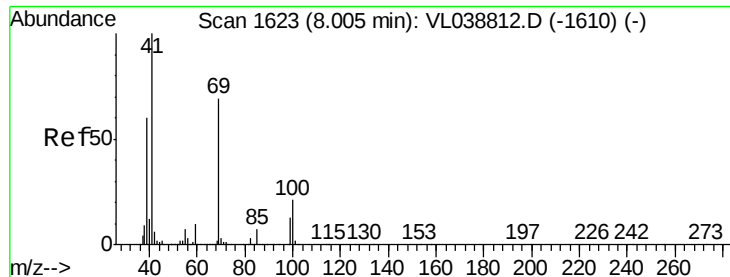


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): V





#43

Methyl Methacrylate

Concen: 10.347 ppbv

RT: 8.02

Instrument: MSVOA_1

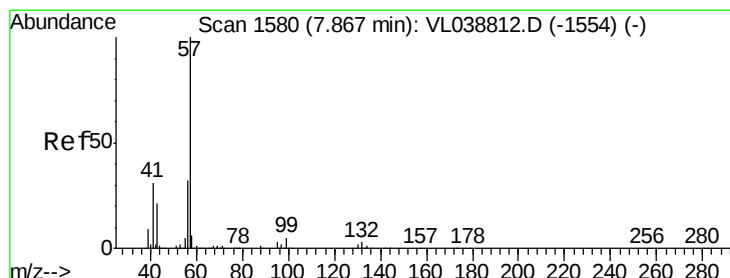
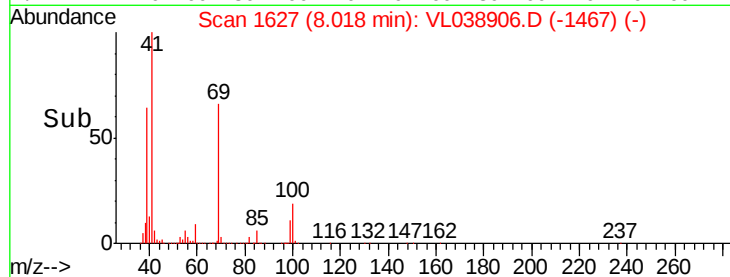
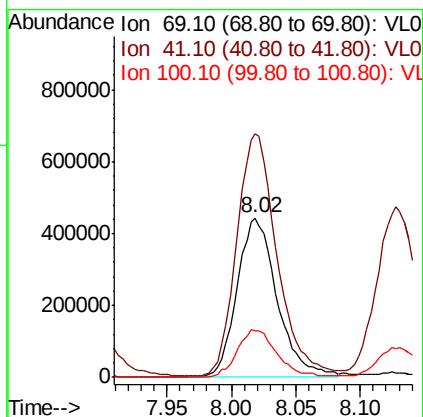
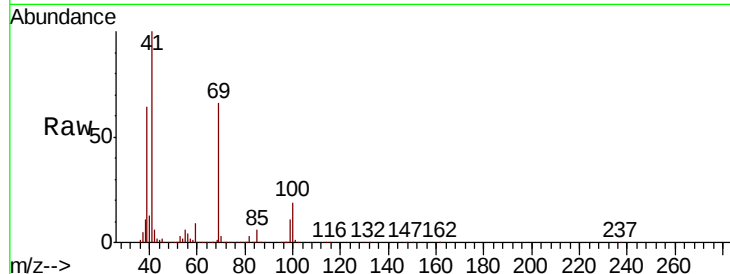
Delta R.T.

Lab File: ClientSampleId:

Acq: 13 Apr 2022 16:17

Tot Ion: 69 Resp: 961480

Ion	Ratio	Lower	Upper
69	100		
41	154.1	119.0	178.4
100	30.1	26.4	39.6



#44

2,2,4-Trimethylpentane

Concen: 9.585 ppbv

RT: 7.88 min Scan# 1583

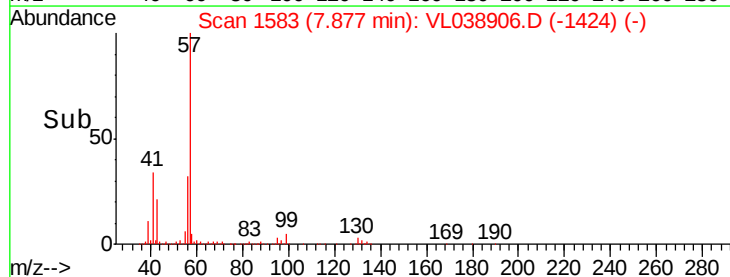
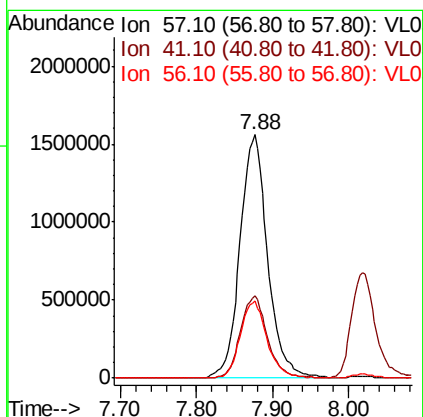
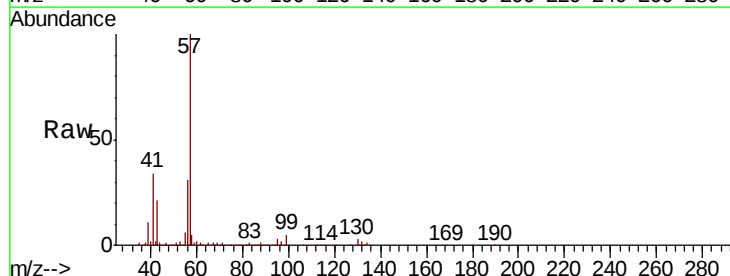
Delta R.T. 0.01 min

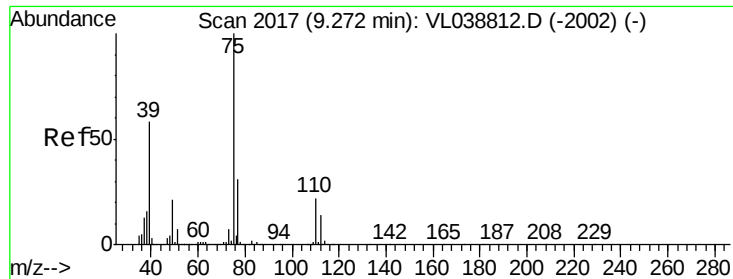
Lab File: VL038906.D

Acq: 13 Apr 2022 16:17

Tgt Ion: 57 Resp: 3937191

Ion	Ratio	Lower	Upper
57	100		
41	33.0	25.0	37.4
56	30.8	25.3	37.9





#45

t-1,3-Dichloropropene

Concen: 10.898 ppbv

RT: 9.28 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

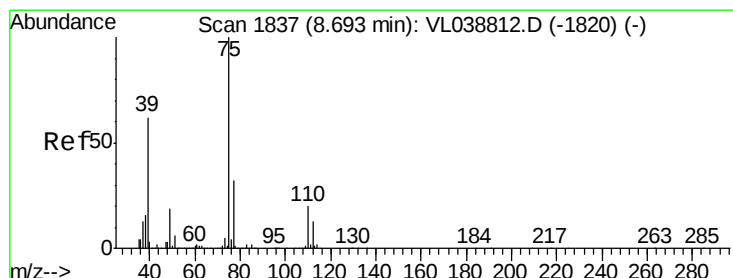
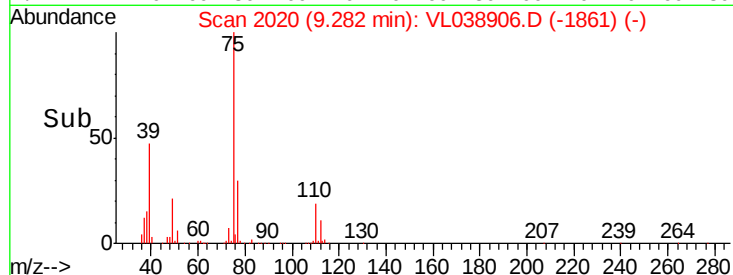
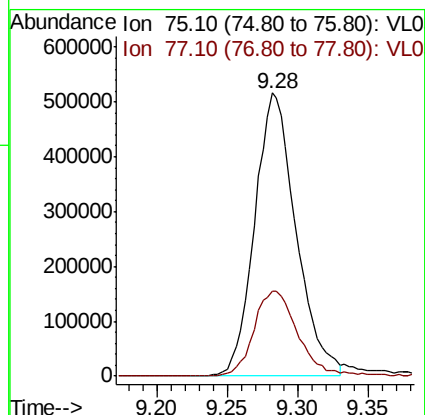
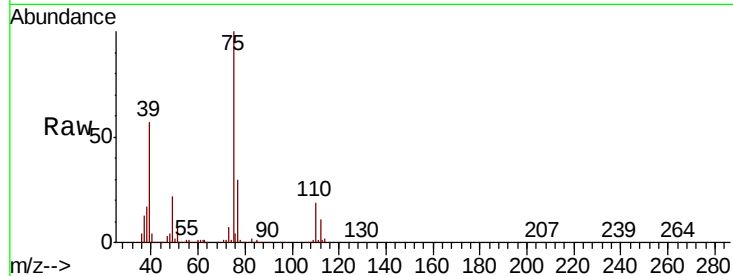
Acq: 13 Apr 2022 16:17 VL0413ABS01

Tot Ion: 75 Resp: 1058890

Ion Ratio Lower Upper

75 100

77 30.0 25.0 37.4



#46

cis-1,3-Dichloropropene

Concen: 10.204 ppbv

RT: 8.71 min Scan# 1842

Delta R.T. 0.02 min

Lab File: VL038906.D

Acq: 13 Apr 2022 16:17

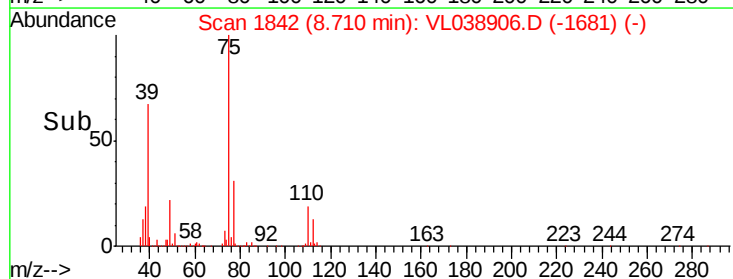
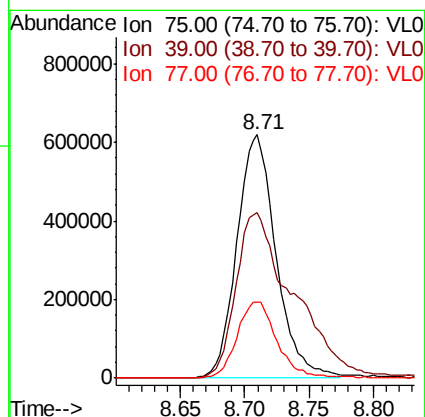
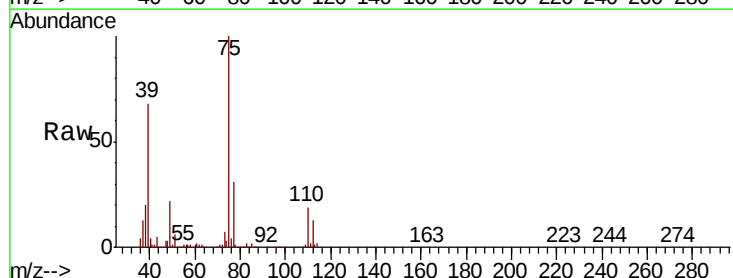
Tgt Ion: 75 Resp: 1307138

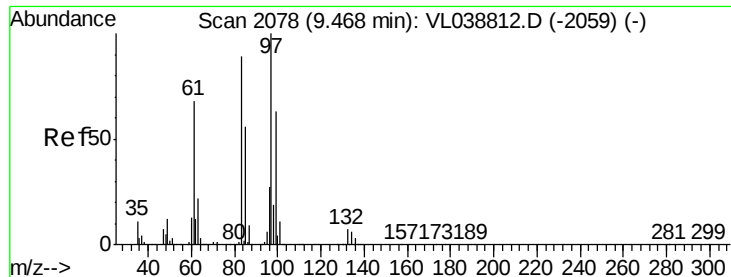
Ion Ratio Lower Upper

75 100

39 67.6 49.7 74.5

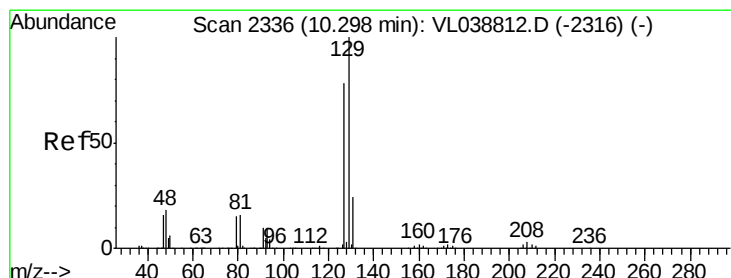
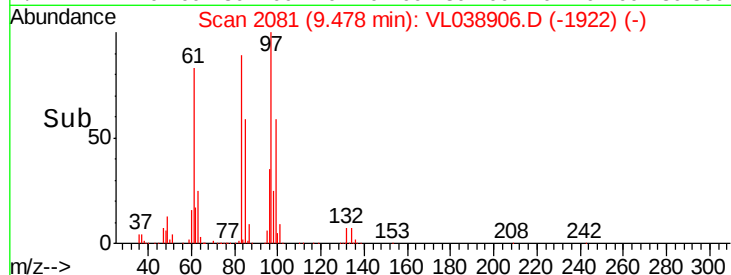
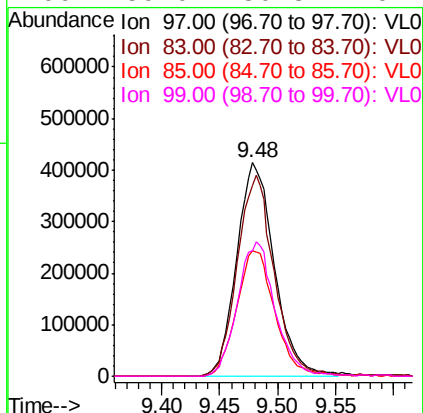
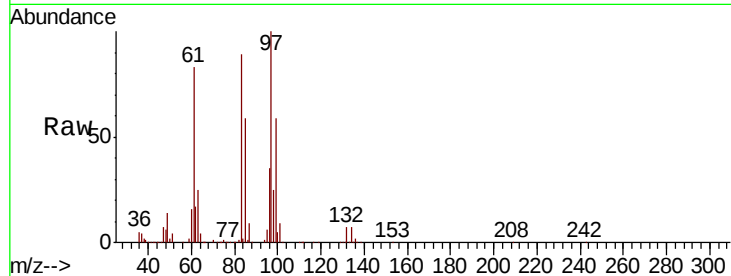
77 31.2 25.6 38.4





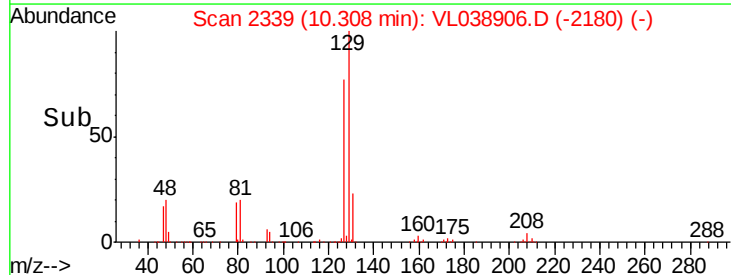
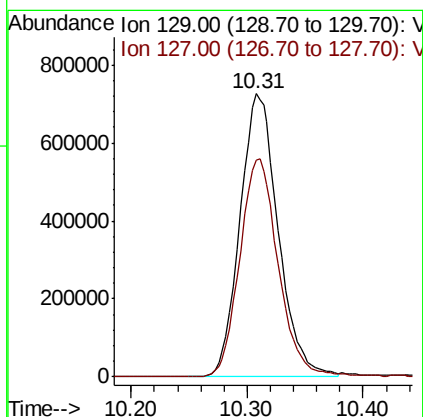
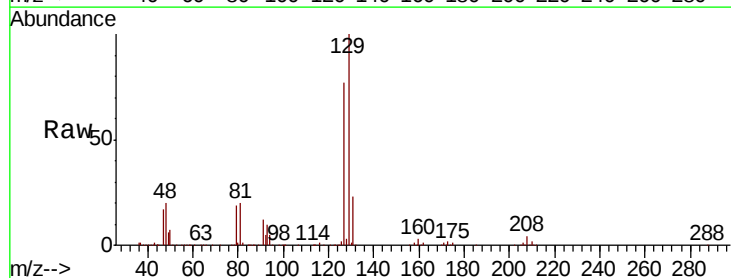
#47
 1,1,2-Trichloroethane
 Concen: 9.813 ppbv
 RT: 9.48
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VL0413ABS01
 Acq: 13 Apr 2022 16:17

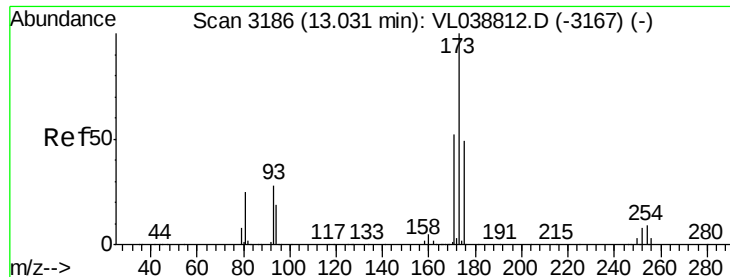
Tot Ion:	97	Resp:	933058
Ion	Ratio	Lower	Upper
97	100		
83	89.2	71.1	106.7
85	59.0	45.1	67.7
99	59.0	50.8	76.2



#48
 Dibromochloromethane
 Concen: 11.179 ppbv
 RT: 10.31 min Scan# 2339
 Delta R.T.: 0.01 min
 Lab File: VL038906.D
 Acq: 13 Apr 2022 16:17

Tgt Ion:	129	Resp:	1665983
Ion	Ratio	Lower	Upper
129	100		
127	78.4	38.9	116.6





#49

Bromoform

Concen: 4.539 ppbv

RT: 13.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VL0413ABS01

Acq: 13 Apr 2022 16:17

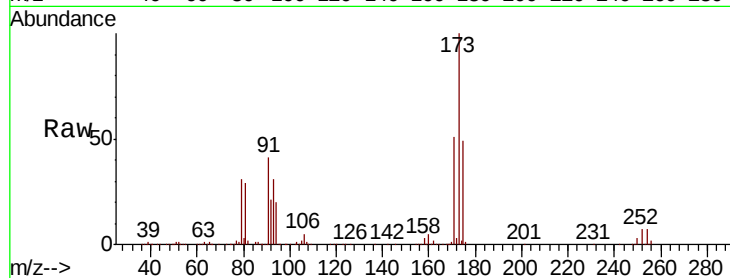
Tot Ion:173 Resp: 535752

Ion Ratio Lower Upper

173 100

175 0.0 39.9 59.9#

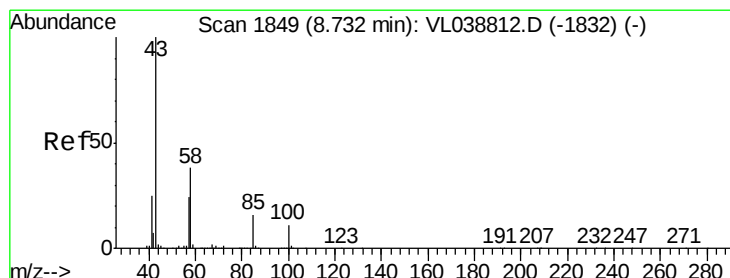
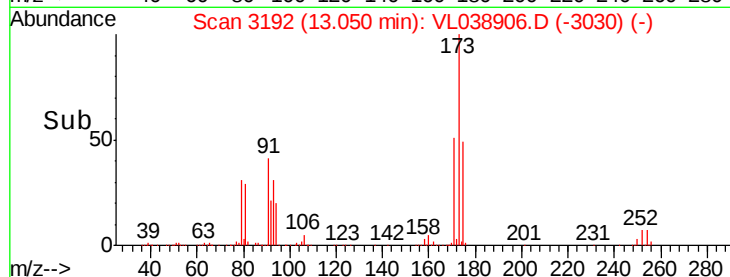
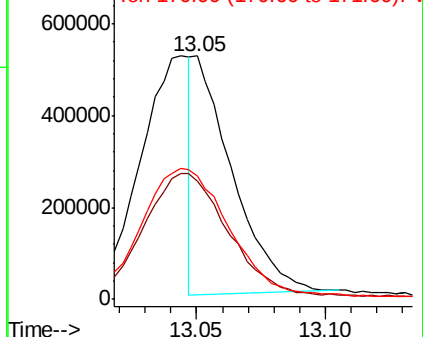
171 0.0 43.4 65.0#



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: 10.176 ppbv

RT: 8.74 min Scan# 1853

Delta R.T. 0.01 min

Lab File: VL038906.D

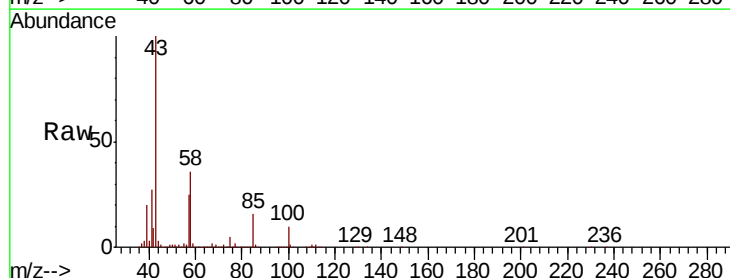
Acq: 13 Apr 2022 16:17

Tgt Ion: 43 Resp: 2411946

Ion Ratio Lower Upper

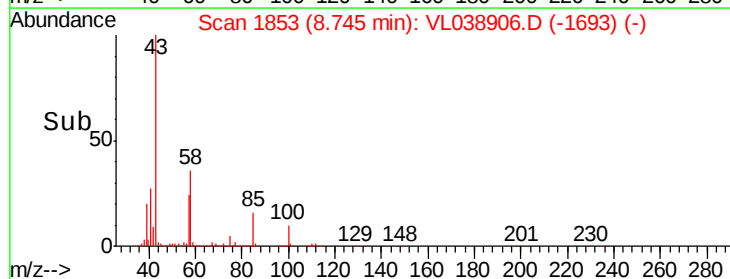
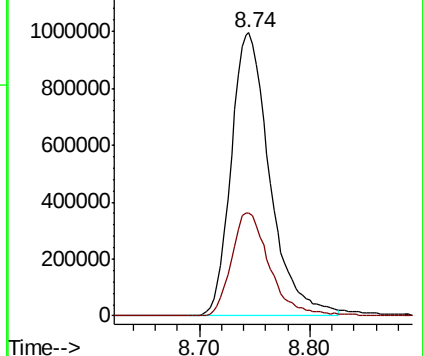
43 100

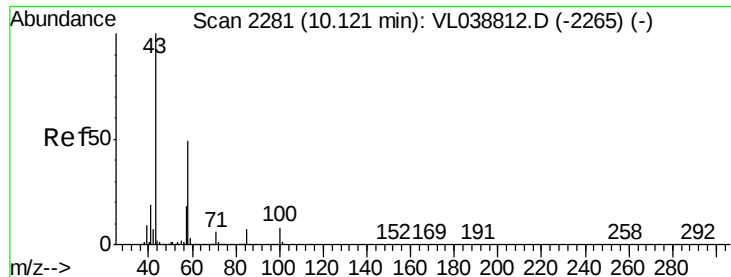
58 36.4 29.0 43.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

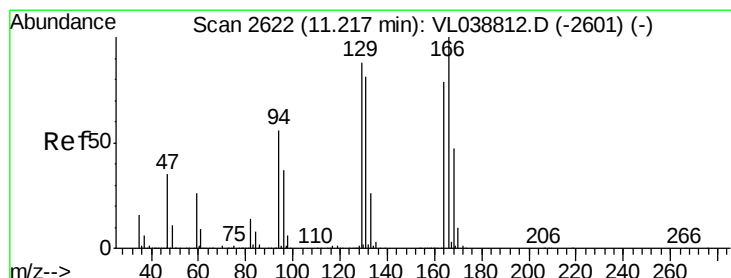
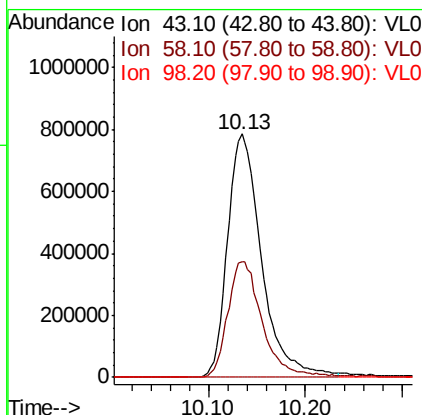
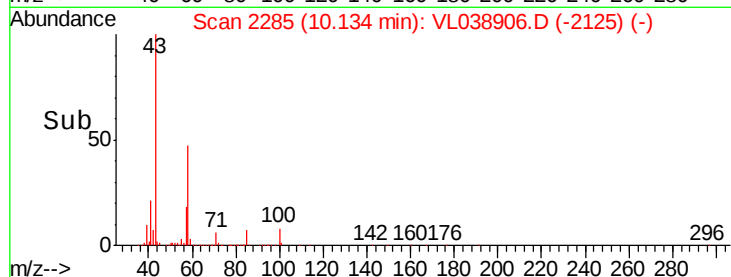
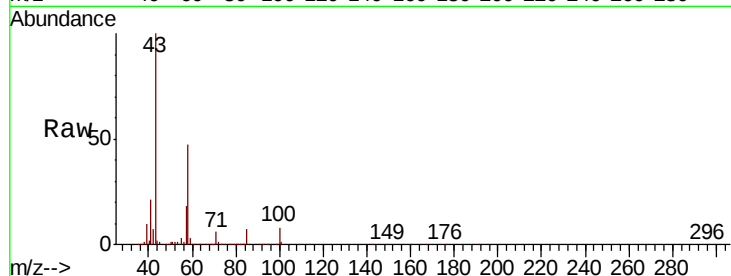
Ion 58.10 (57.80 to 58.80): VL0





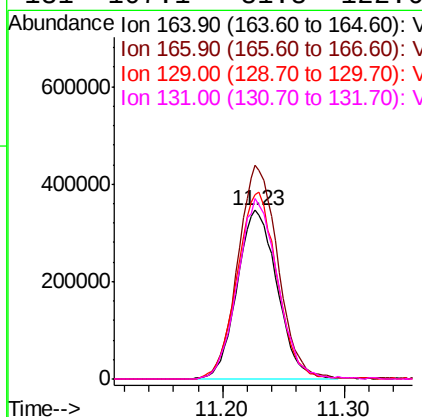
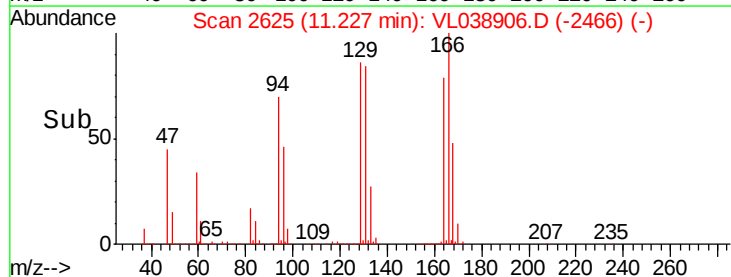
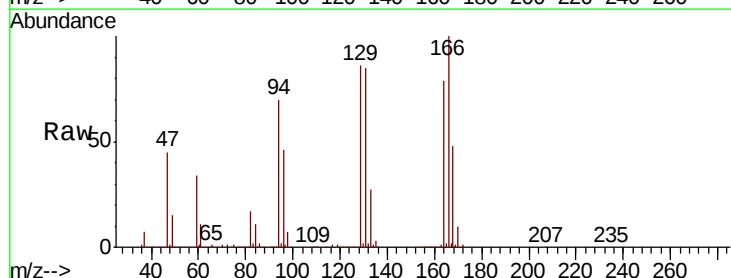
#51
2-Hexanone
Concen: 10.742 ppbv
RT: 10.13
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL0413ABS01
Acq: 13 Apr 2022 16:17

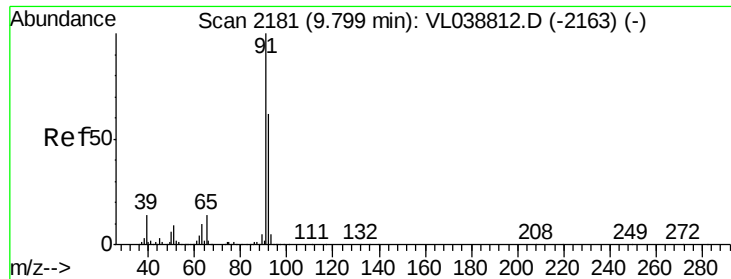
Tot Ion: 43 Resp: 1918564
Ion Ratio Lower Upper
43 100
58 48.3 41.4 62.0
98 0.2 0.1 0.1#



#52
Tetrachloroethene
Concen: 9.245 ppbv
RT: 11.23 min Scan# 2625
Delta R.T. 0.01 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

Tgt Ion: 164 Resp: 783441
Ion Ratio Lower Upper
164 100
166 126.6 101.0 151.6
129 109.1 88.7 133.1
131 107.1 81.8 122.6





#53

Toluene

Concen: 9.382 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

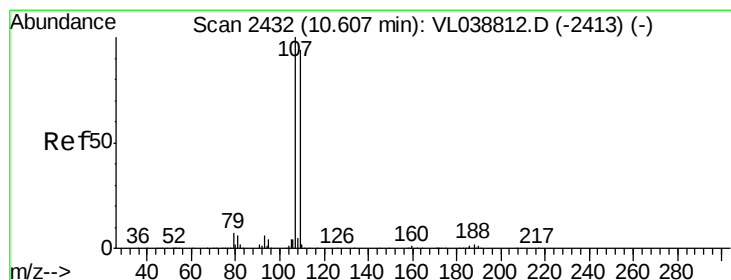
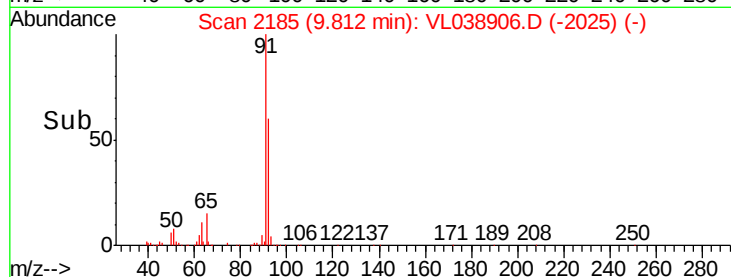
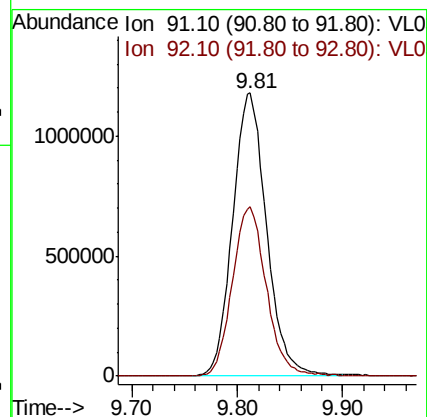
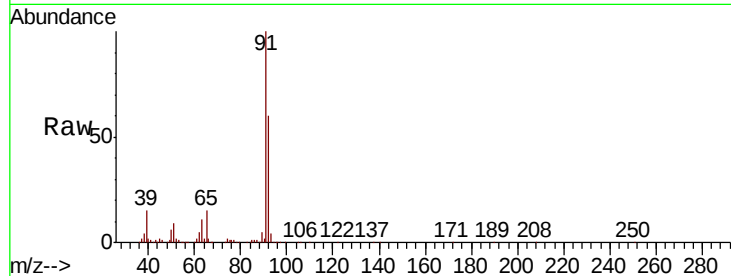
Acq: 13 Apr 2022 16:17 VL0413ABS01

Tot Ion: 91 Resp: 2627556

Ion Ratio Lower Upper

91 100

92 60.4 49.2 73.8



#54

1,2-Dibromoethane

Concen: 10.347 ppbv

RT: 10.62 min Scan# 2435

Delta R.T. 0.01 min

Lab File: VL038906.D

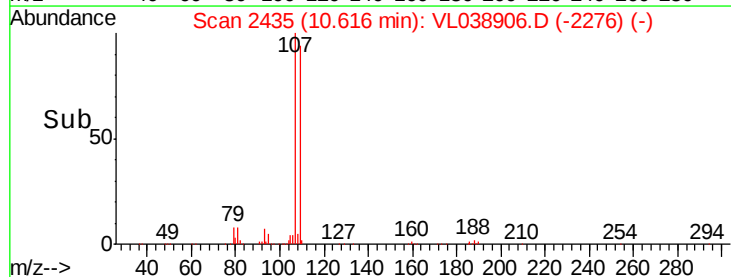
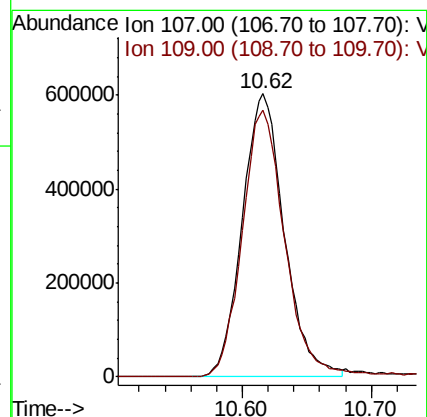
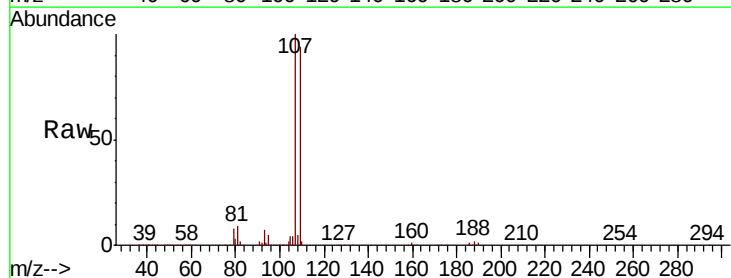
Acq: 13 Apr 2022 16:17

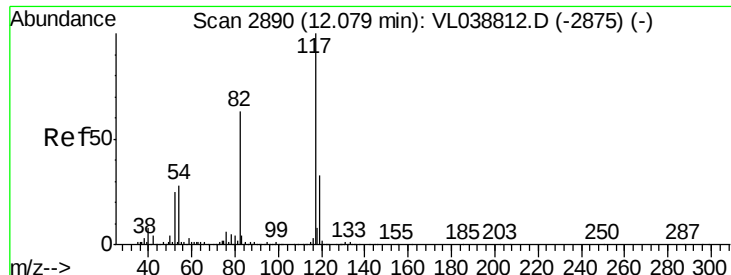
Tgt Ion:107 Resp: 1366602

Ion Ratio Lower Upper

107 100

109 94.0 75.5 113.3

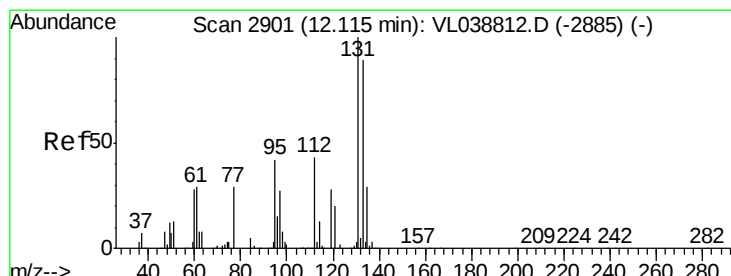
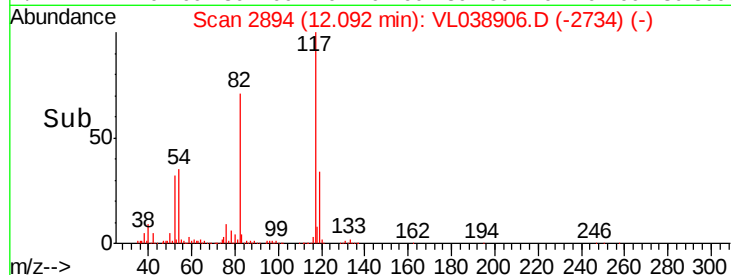
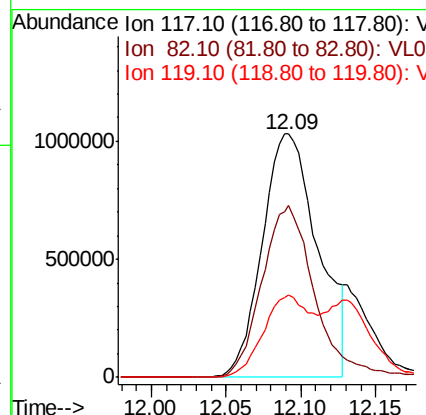
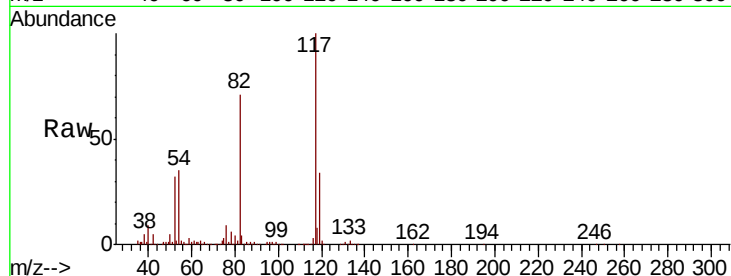




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0413ABS01
Acq: 13 Apr 2022 16:17

Tot Ion:117 Resp: 2669388

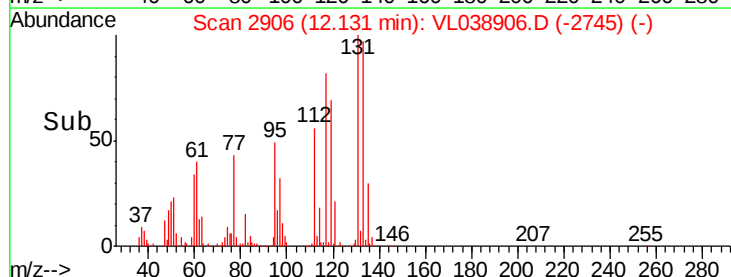
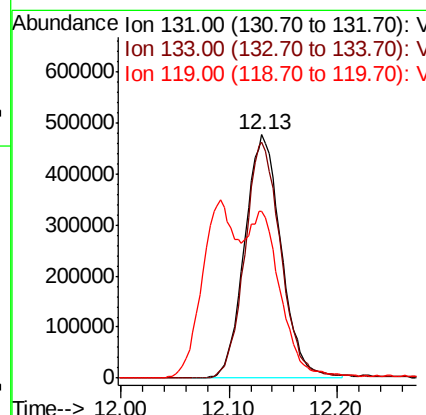
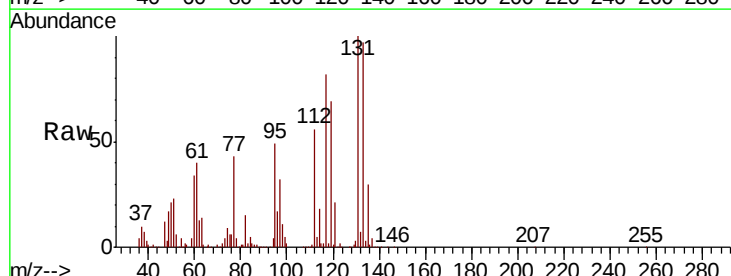
Ion	Ratio	Lower	Upper
117	100		
82	68.1	53.0	79.6
119	31.2	24.9	37.3

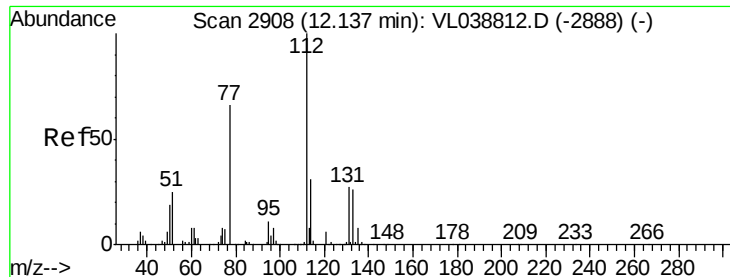


#56
1,1,1,2-Tetrachloroethane
Concen: 9.612 ppbv
RT: 12.13 min Scan# 2906
Delta R.T.: 0.02 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

Tgt Ion:131 Resp: 1124450

Ion	Ratio	Lower	Upper
131	100		
133	97.2	78.2	117.4
119	67.9	58.6	87.8





#57

Chlorobenzene

Concen: 8.639 ppbv

RT: 12.15

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 13 Apr 2022 16:17

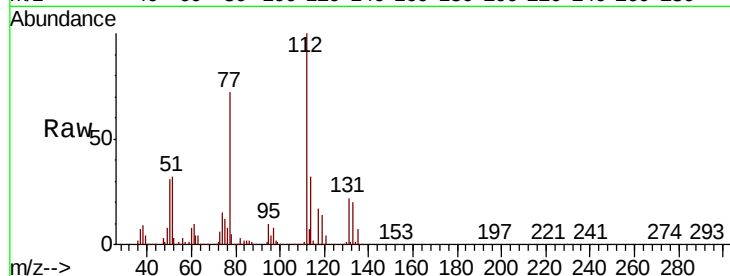
Tot Ion:112 Resp: 1888611

Ion Ratio Lower Upper

112 100

77 71.1 52.4 78.6

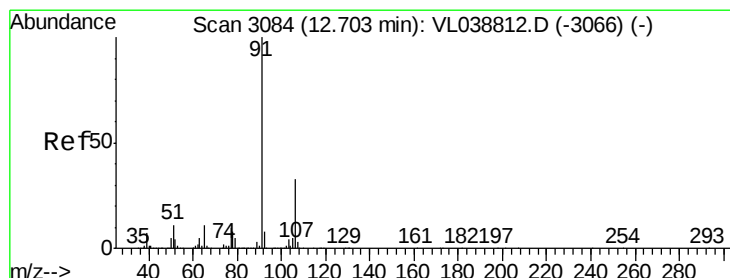
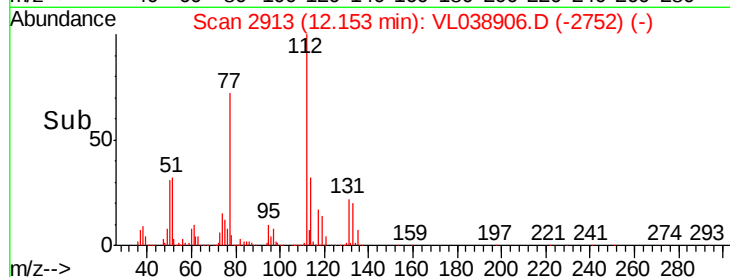
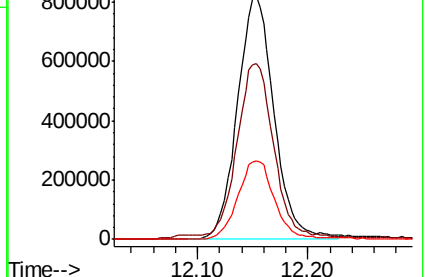
114 32.3 28.1 34.3



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: 9.154 ppbv

RT: 12.72 min Scan# 3088

Delta R.T. 0.01 min

Lab File: VL038906.D

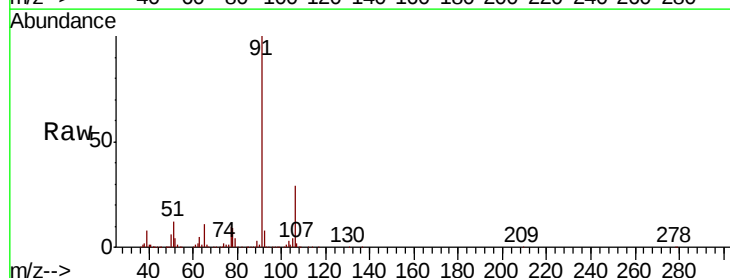
Acq: 13 Apr 2022 16:17

Tgt Ion: 91 Resp: 3651384

Ion Ratio Lower Upper

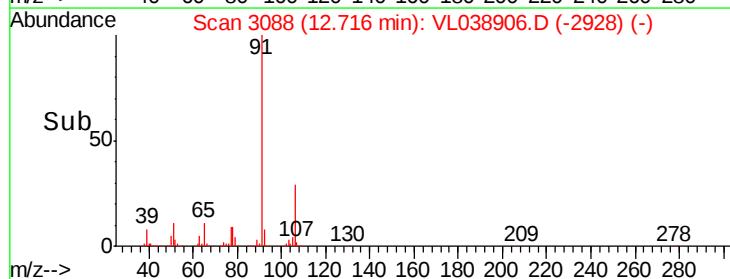
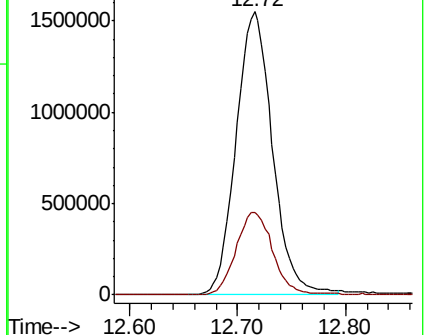
91 100

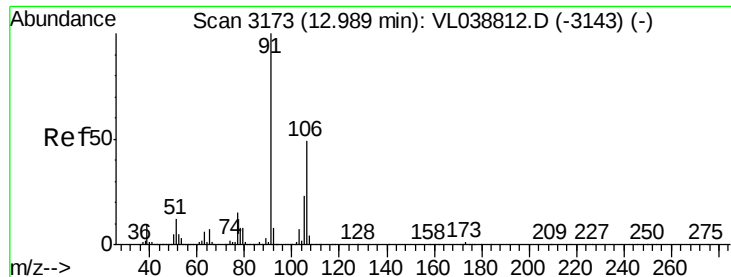
106 29.3 26.7 40.1



Abundance Ion 91.10 (90.80 to 91.80): VL0

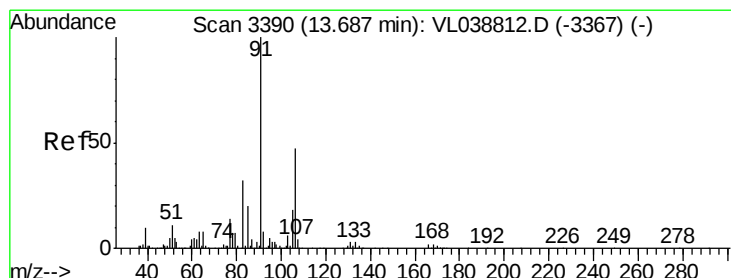
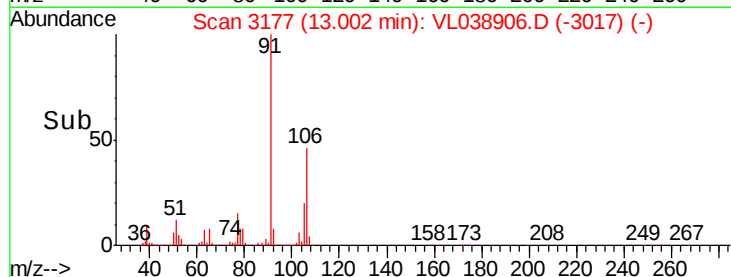
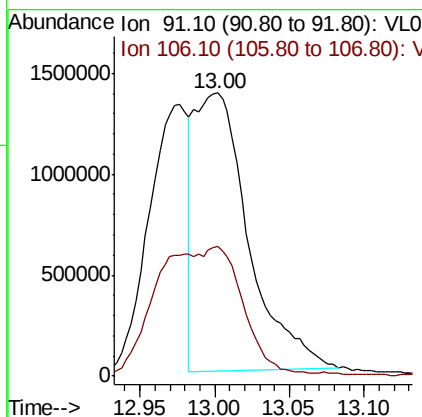
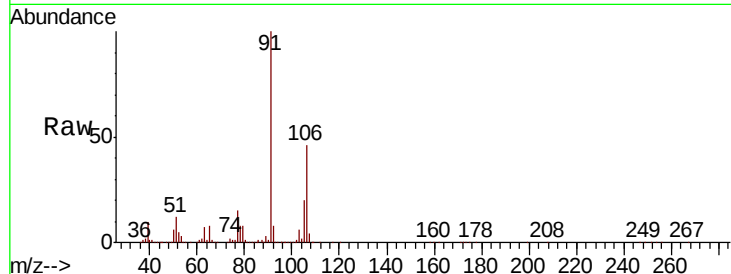
Ion 106.10 (105.80 to 106.80): V





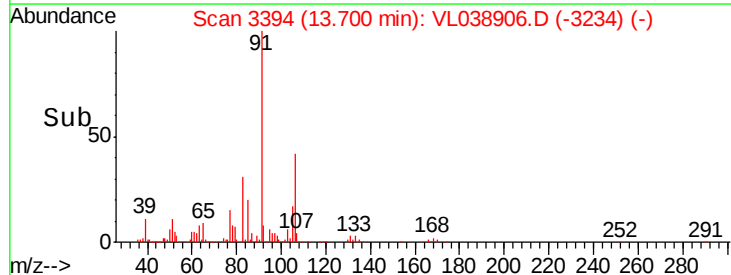
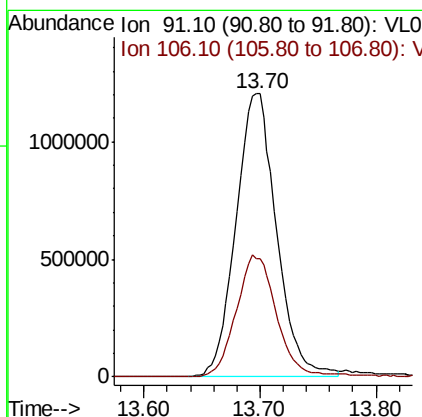
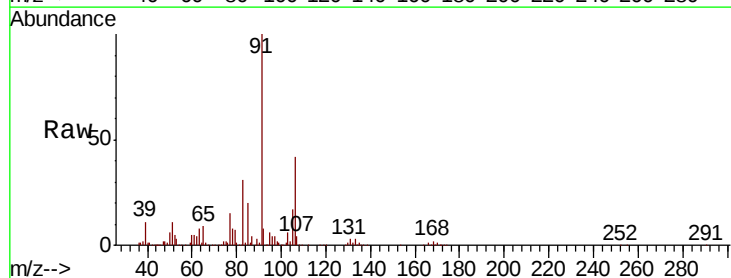
#59
m/p-Xylene
Concen: 10.265 ppbv
RT: 13.00 min
Delta R.T. 0.01 min
Lab File: VL0413ABS01
Acq: 13 Apr 2022 16:17

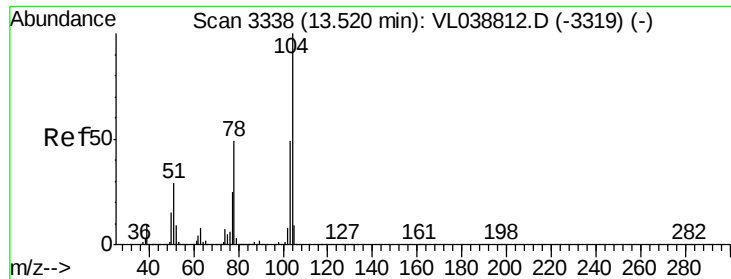
Tot Ion: 91 Resp: 3440113
Ion Ratio Lower Upper
91 100
106 76.6 37.1 55.7#



#60
o-Xylene
Concen: 9.323 ppbv
RT: 13.70 min Scan# 3394
Delta R.T. 0.01 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

Tgt Ion: 91 Resp: 2923629
Ion Ratio Lower Upper
91 100
106 43.6 23.8 71.4

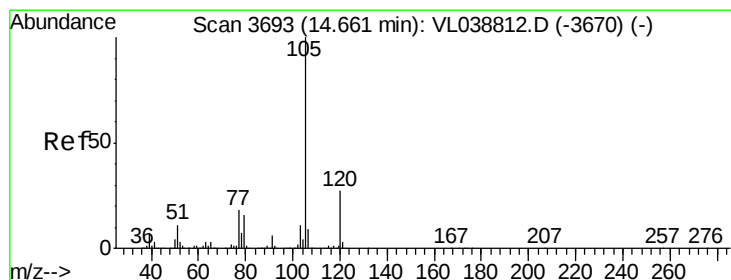
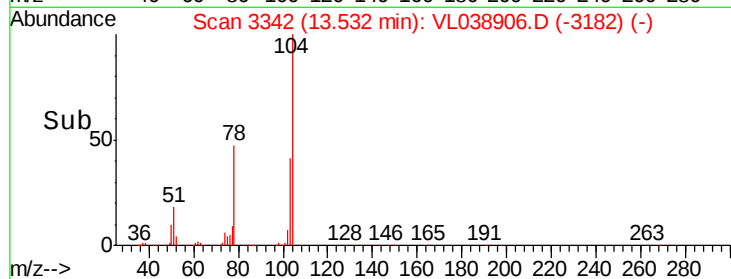
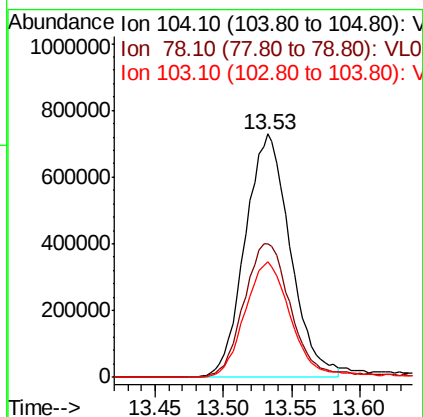
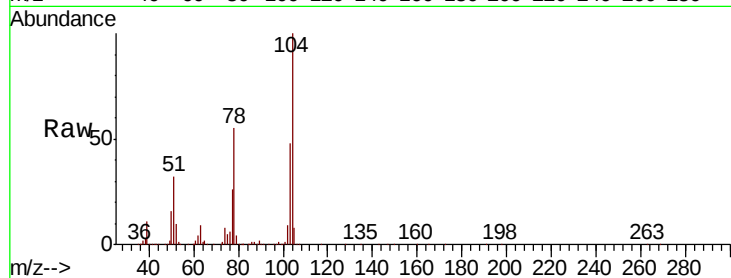




#61
Stvrene
Concen: 8.771 ppbv
RT: 13.53 min
Delta R.T.: 0.01 min
Lab File: VL0413ABS01
Acq: 13 Apr 2022 16:17

Tot Ion:104 Resp: 1675647

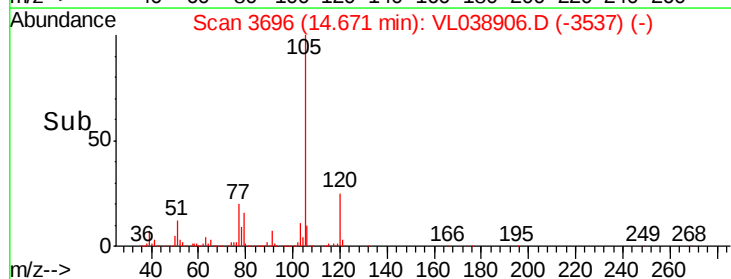
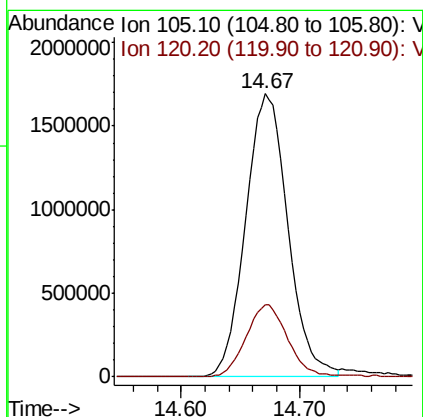
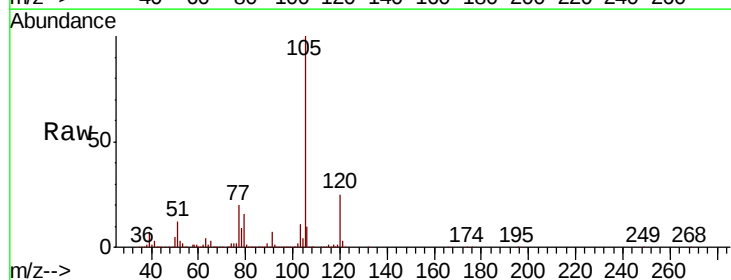
Ion	Ratio	Lower	Upper
104	100		
78	58.4	40.5	60.7
103	49.2	39.0	58.4

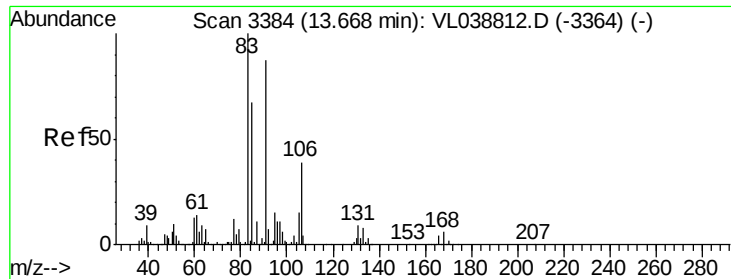


#62
Isopropylbenzene
Concen: 8.860 ppbv
RT: 14.67 min Scan# 3696
Delta R.T.: 0.01 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

Tgt Ion:105 Resp: 4169995

Ion	Ratio	Lower	Upper
105	100		
120	25.6	21.8	32.8





#63

1,1,2,2-Tetrachloroethane

Concen: 9.315 ppbv

RT: 13.68

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 13 Apr 2022 16:17

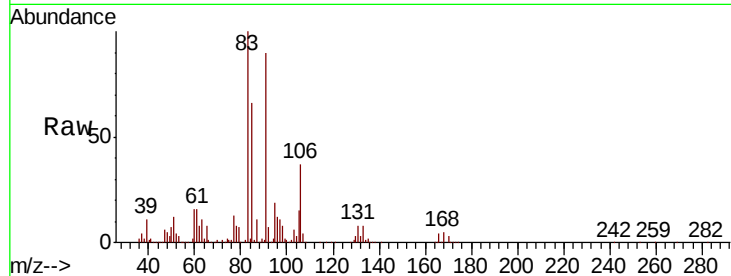
Tot Ion: 83 Resp: 1849998

Ion Ratio Lower Upper

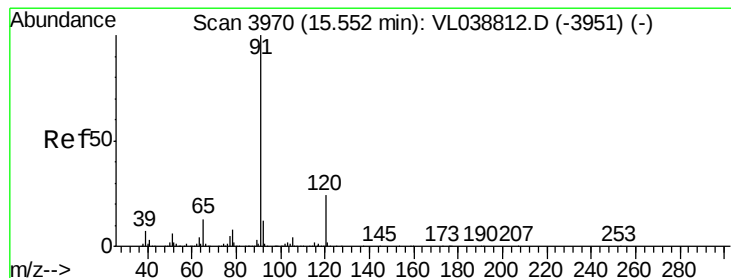
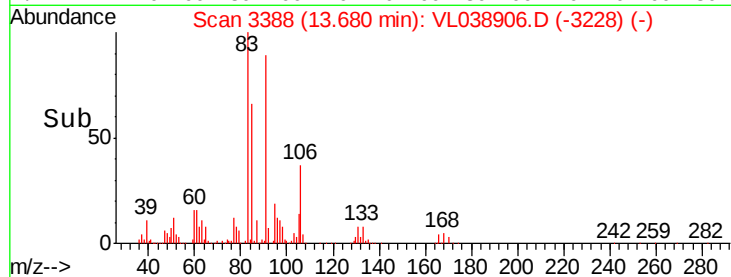
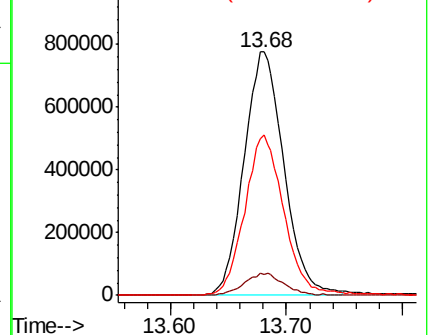
83 100

131 9.1 4.6 13.8

85 65.7 33.0 99.0



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



#64

n-propylbenzene

Concen: 8.757 ppbv

RT: 15.56 min Scan# 3974

Delta R.T. 0.01 min

Lab File: VL038906.D

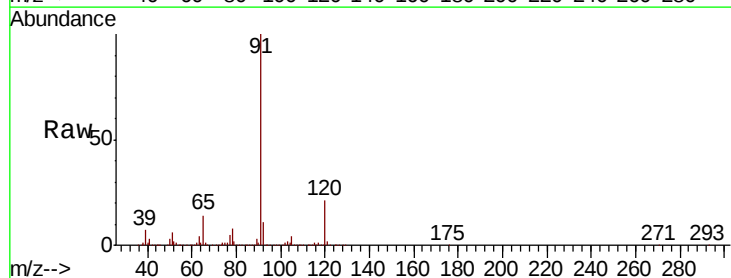
Acq: 13 Apr 2022 16:17

Tgt Ion:120 Resp: 1070264

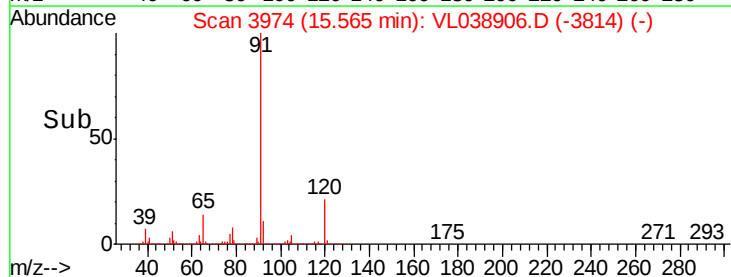
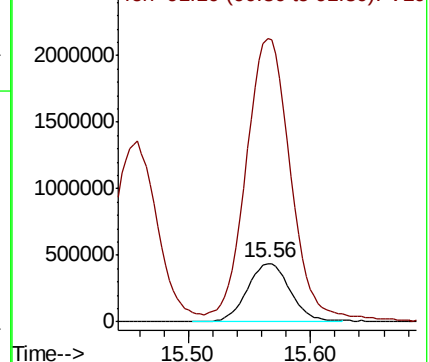
Ion Ratio Lower Upper

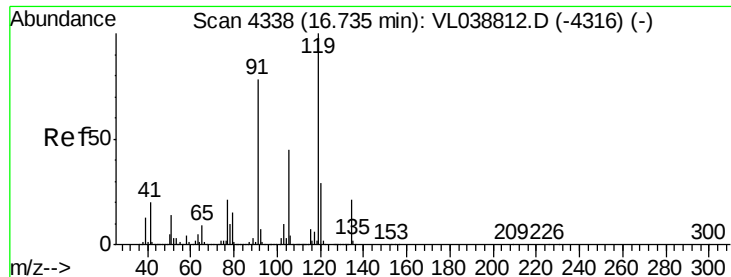
120 100

91 508.5 360.6 540.8



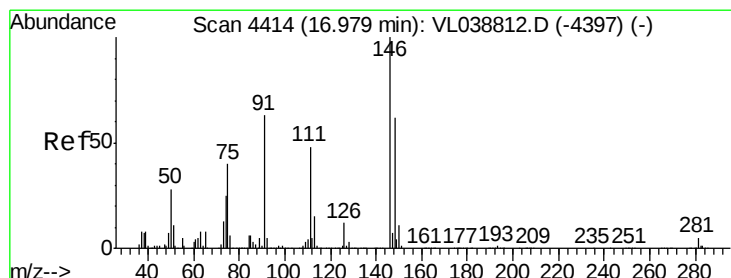
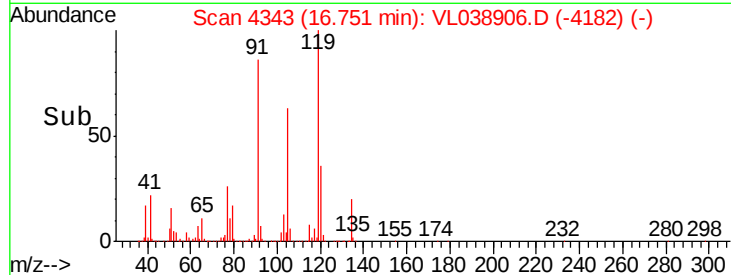
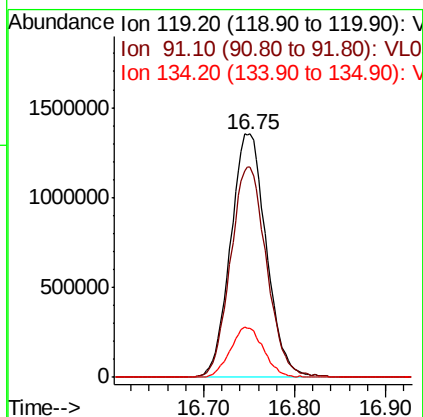
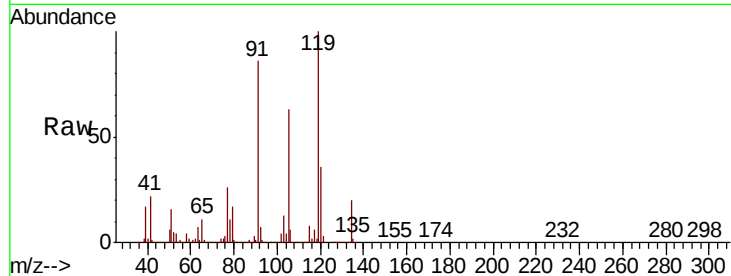
Abundance Ion 120.20 (119.90 to 120.90): V
Ion 91.10 (90.80 to 91.80): VL0





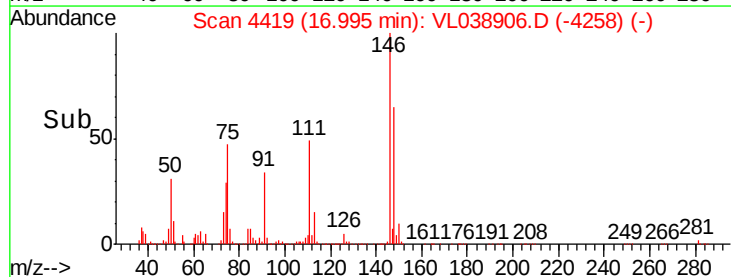
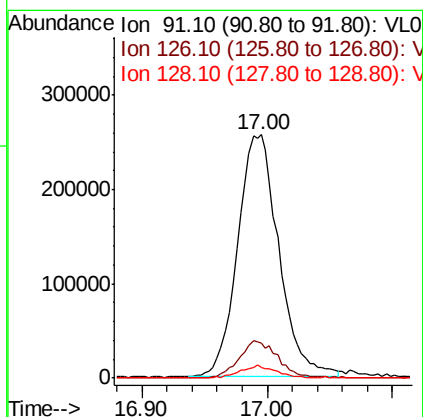
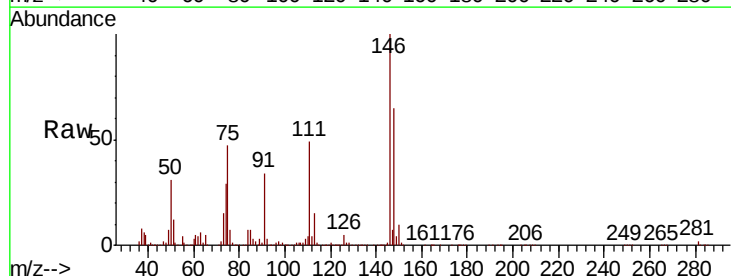
#65
 tert-Butylbenzene
 Concen: 8.826 ppbv
 RT: 16.75 min
 Delta R.T. 0.02 min
 Lab File: VL0413ABS01
 Acq: 13 Apr 2022 16:17

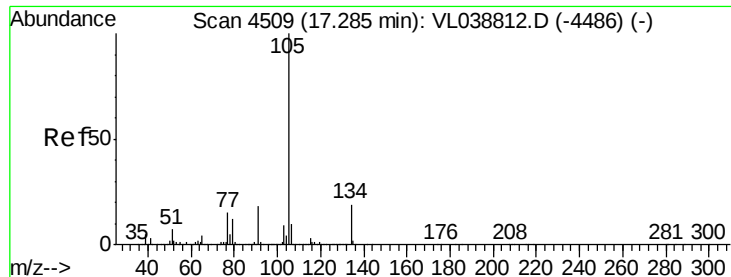
Tot Ion:	119	Resp:	3685658
Ion	Ratio	Lower	Upper
119	100		
91	87.3	62.8	94.2
134	19.3	16.2	24.4



#66
 Benzyl Chloride
 Concen: 6.850 ppbv
 RT: 17.00 min Scan# 4419
 Delta R.T. 0.02 min
 Lab File: VL038906.D
 Acq: 13 Apr 2022 16:17

Tgt Ion:	91	Resp:	582385
Ion	Ratio	Lower	Upper
91	100		
126	14.8	15.4	23.0#
128	4.9	4.7	7.1





#67

sec-Butylbenzene

Concen: 9.146 ppbv

RT: 17.30

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

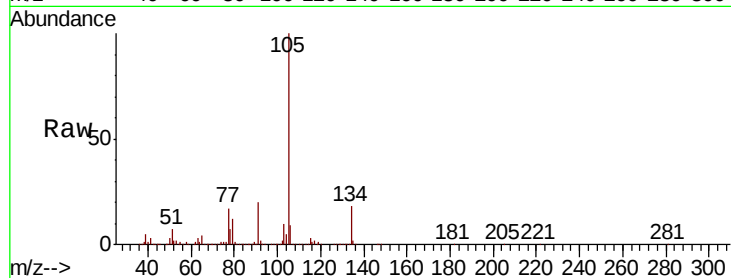
Acq: 13 Apr 2022 16:17

Tot Ion: 105 Resp: 5359448

Ion Ratio Lower Upper

105 100

134 17.6 15.1 22.7



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V

2500000

2000000

1500000

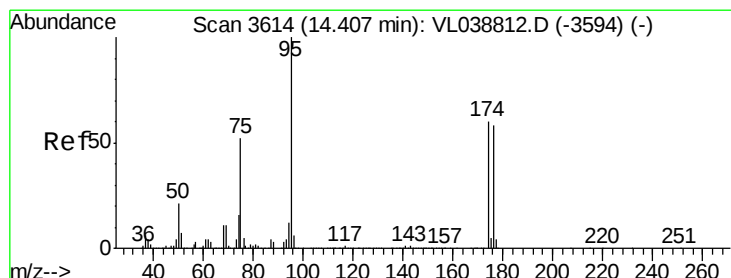
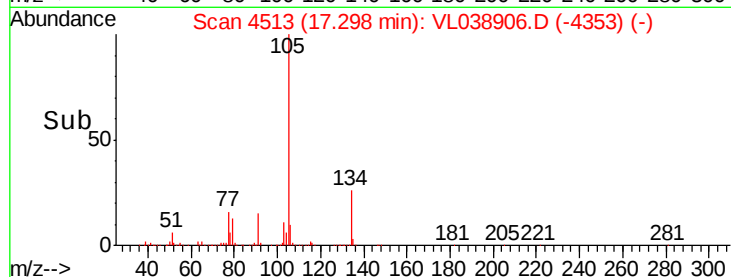
1000000

500000

0

17.20 17.30 17.40

Time-->



#68

1-Bromo-4-Fluorobenzene

Concen: 10.435 ppbv

RT: 14.42 min Scan# 3618

Delta R.T. 0.01 min

Lab File: VL038906.D

Acq: 13 Apr 2022 16:17

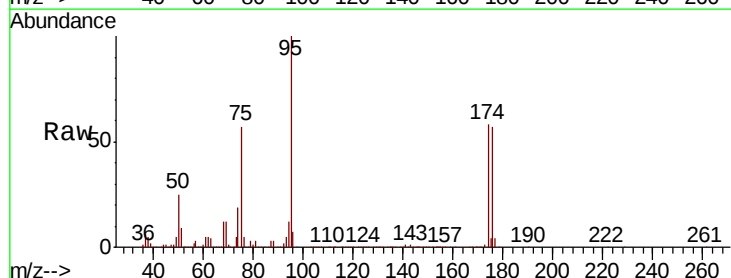
Tgt Ion: 95 Resp: 2112830

Ion Ratio Lower Upper

95 100

174 62.2 52.0 78.0

175 4.6 4.0 6.0



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

1200000

1000000

800000

600000

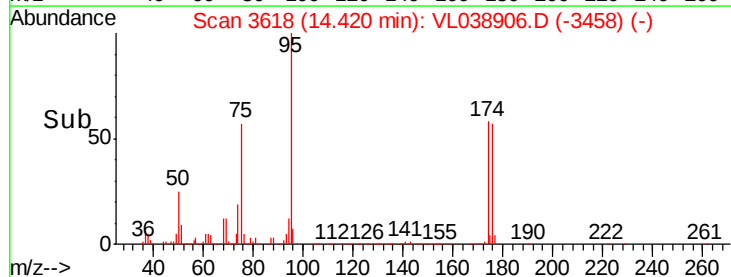
400000

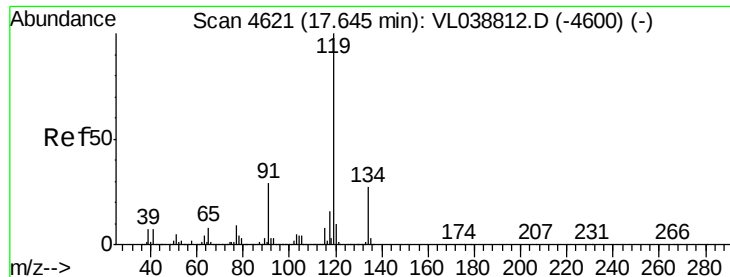
200000

0

14.30 14.40 14.50

Time-->

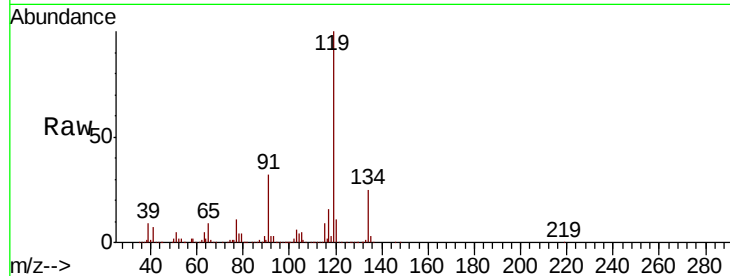




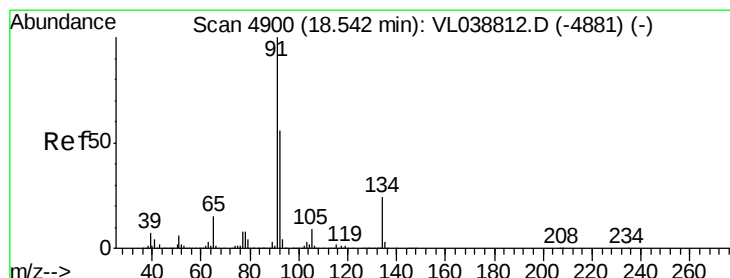
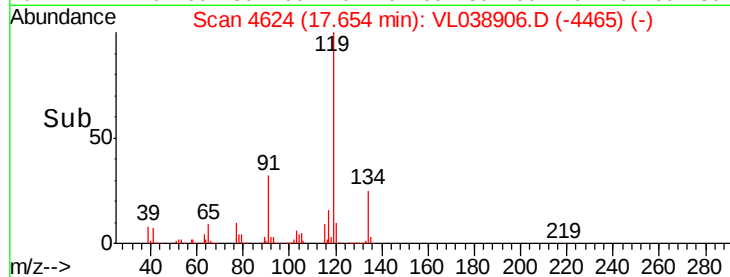
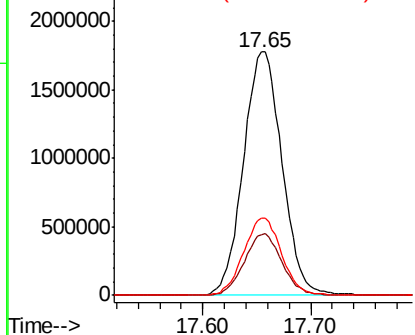
#69
 p-Isopropyltoluene
 Concen: 9.162 ppbv
 RT: 17.65 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0413ABS01
 Acq: 13 Apr 2022 16:17

Tot Ion: 119 Resp: 4408004

Ion	Ratio	Lower	Upper
119	100		
134	24.9	20.8	31.2
91	31.3	22.6	34.0



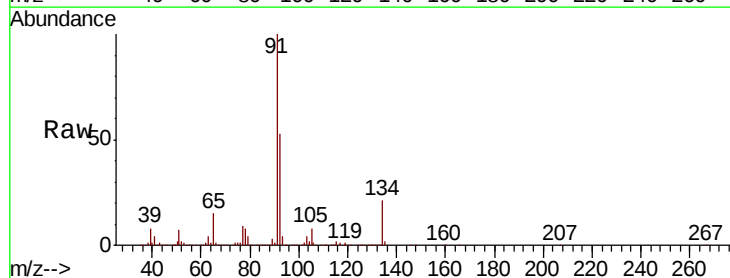
Abundance Ion 119.10 (118.80 to 119.80): VL0
 Ion 134.20 (133.90 to 134.90): VL0
 Ion 91.10 (90.80 to 91.80): VL0



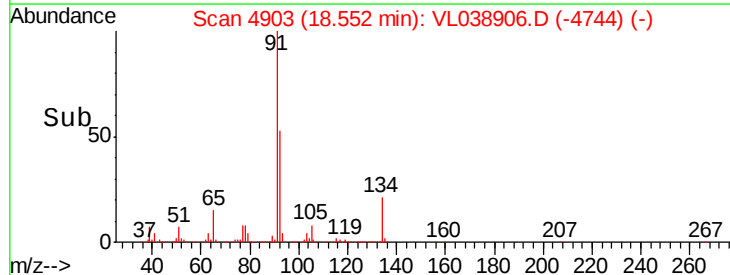
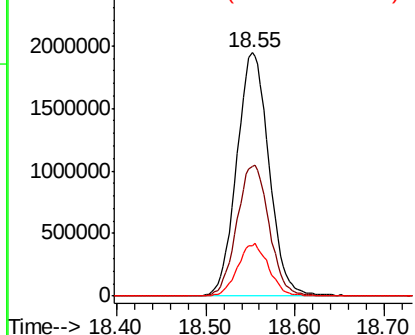
#70
 n-Butylbenzene
 Concen: 10.047 ppbv
 RT: 18.55 min Scan# 4903
 Delta R.T. 0.01 min
 Lab File: VL038906.D
 Acq: 13 Apr 2022 16:17

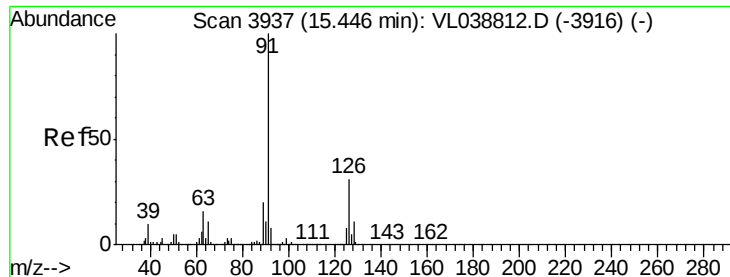
Tgt Ion: 91 Resp: 4869793

Ion	Ratio	Lower	Upper
91	100		
92	54.1	44.6	66.8
134	20.9	19.2	28.8



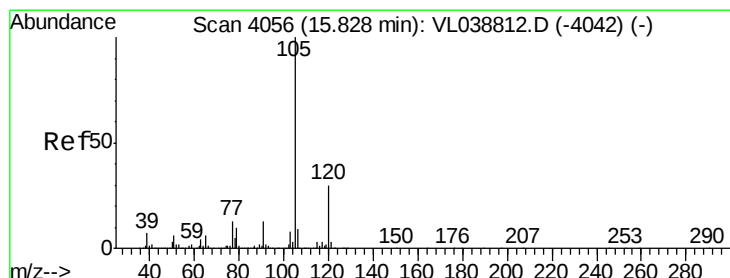
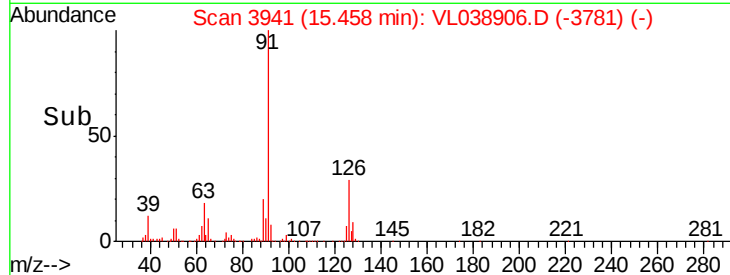
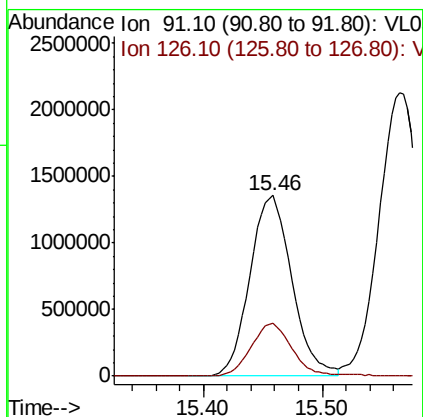
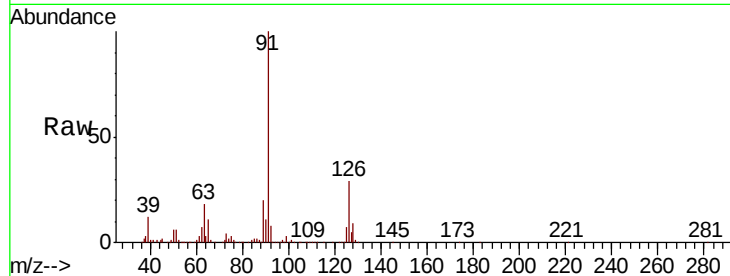
Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0
 Ion 134.20 (133.90 to 134.90): VL0





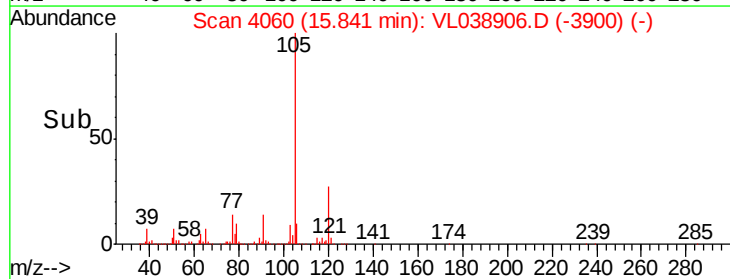
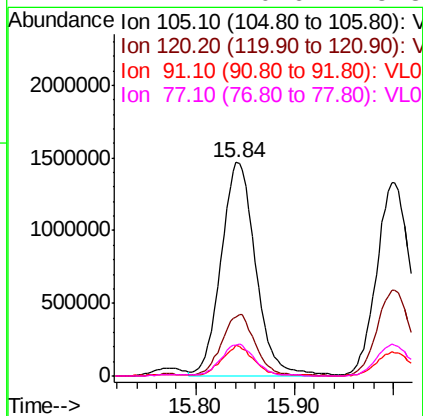
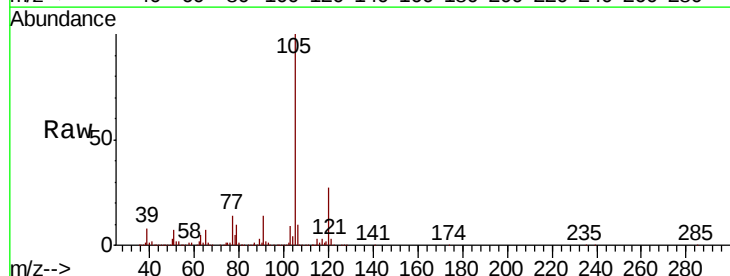
#71
 2-Chlorotoluene
 Concen: 9.387 ppbv
 RT: 15.46
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0413ABS01
 Acq: 13 Apr 2022 16:17

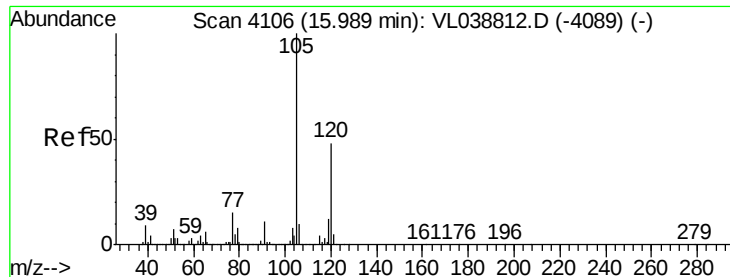
Tot Ion: 91 Resp: 3322316
 Ion Ratio Lower Upper
 91 100
 126 29.3 13.0 51.8



#72
 4-Ethyltoluene
 Concen: 9.602 ppbv
 RT: 15.84 min Scan# 4060
 Delta R.T. 0.01 min
 Lab File: VL038906.D
 Acq: 13 Apr 2022 16:17

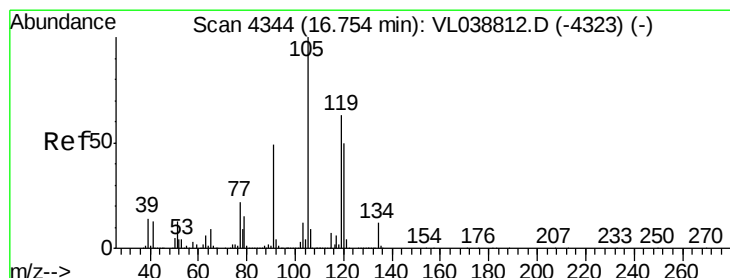
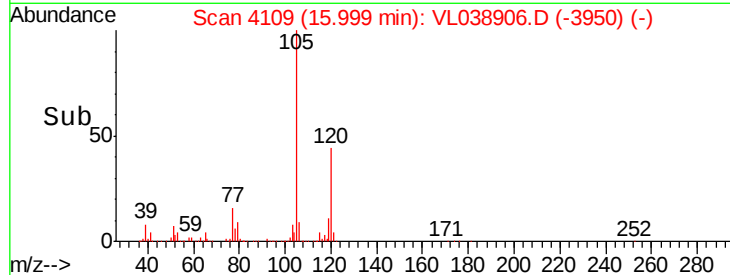
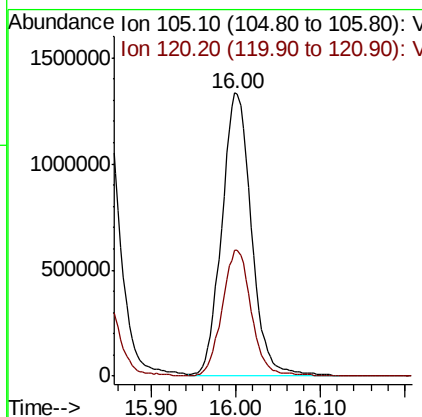
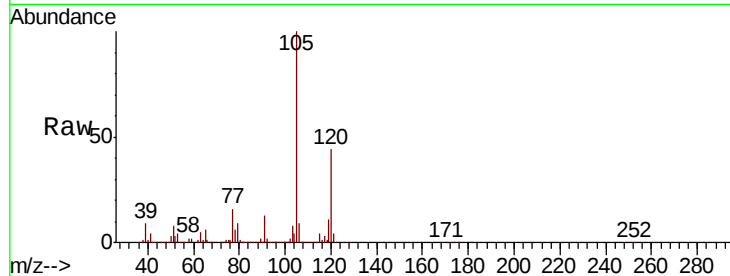
Tgt Ion:105 Resp: 3595495
 Ion Ratio Lower Upper
 105 100
 120 28.3 24.3 36.5
 91 12.9 9.4 14.2
 77 14.7 10.6 15.8





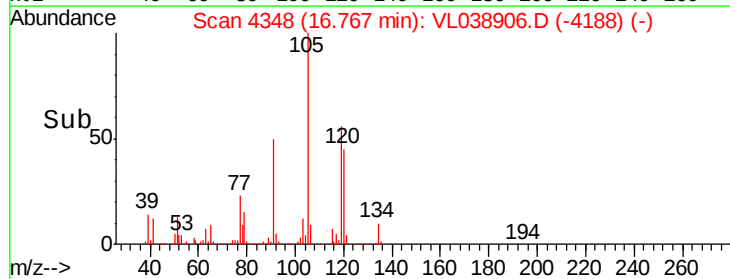
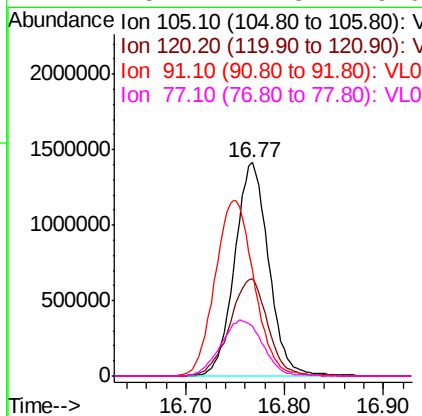
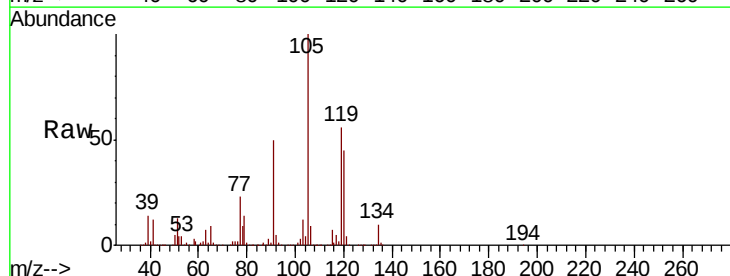
#73
 1,3,5-Trimethylbenzene
 Concen: 9.628 ppbv
 RT: 16.00 min
 Delta R.T. 0.01 min
 Lab File: VL0413ABS01
 Acq: 13 Apr 2022 16:17

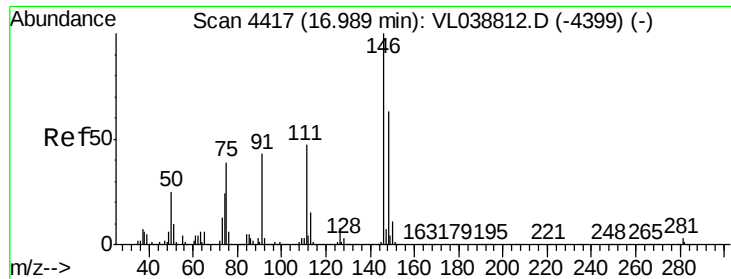
Tot Ion:105 Resp: 3238619
 Ion Ratio Lower Upper
 105 100
 120 44.4 38.7 58.1



#74
 1,2,4-Trimethylbenzene
 Concen: 9.508 ppbv
 RT: 16.77 min Scan# 4348
 Delta R.T. 0.01 min
 Lab File: VL038906.D
 Acq: 13 Apr 2022 16:17

Tgt Ion:105 Resp: 3380996
 Ion Ratio Lower Upper
 105 100
 120 45.3 39.8 59.8
 91 49.7 39.4 59.0
 77 23.1 17.3 25.9

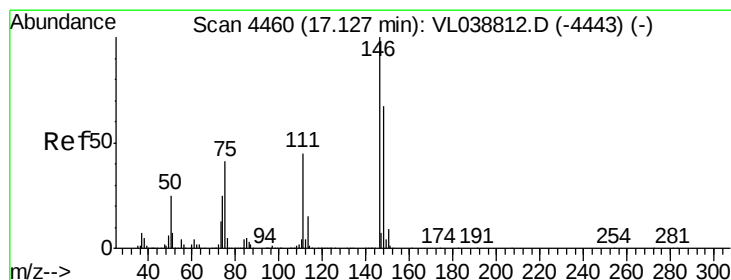
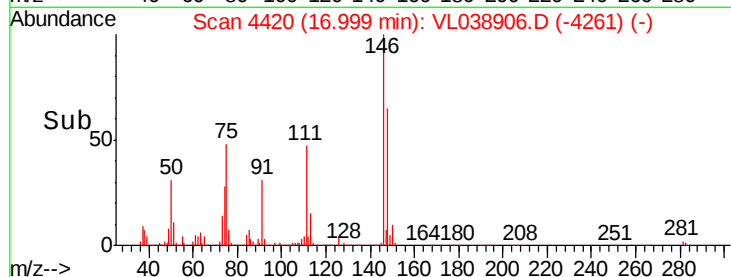
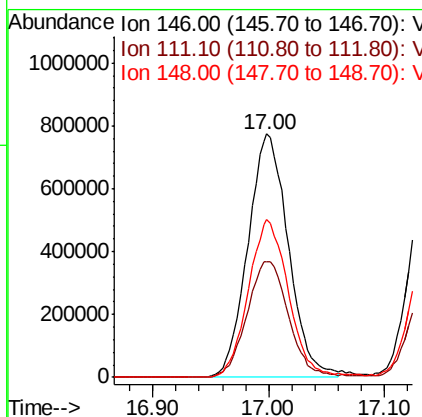
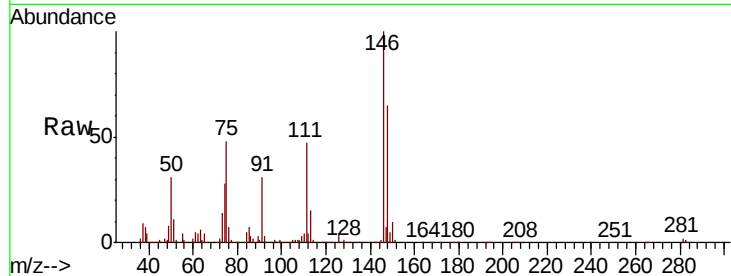




#75
 1,3-Dichlorobenzene
 Concen: 9.096 ppbv
 RT: 17.00 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0413ABS01
 Acq: 13 Apr 2022 16:17

Tot Ion:146 Resp: 1878031

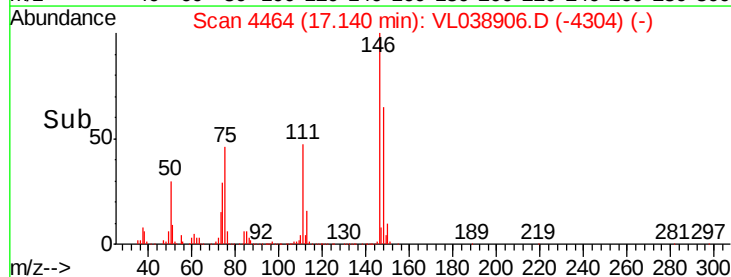
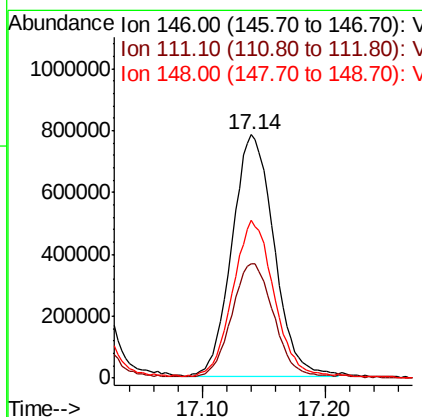
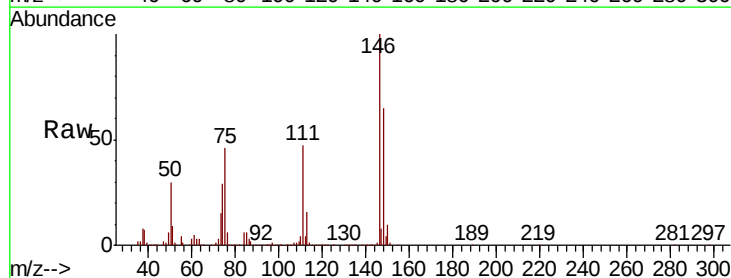
Ion	Ratio	Lower	Upper
146	100		
111	49.1	23.8	71.2
148	64.5	31.8	95.4

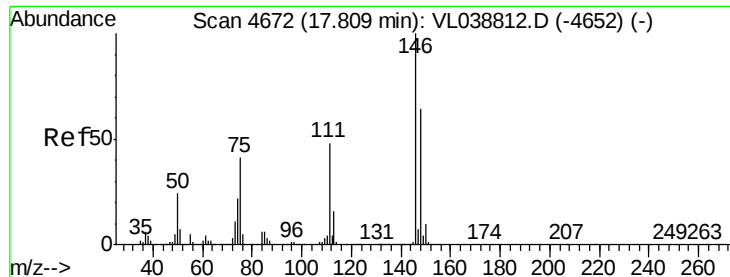


#76
 1,4-Dichlorobenzene
 Concen: 9.147 ppbv
 RT: 17.14 min Scan# 4464
 Delta R.T.: 0.01 min
 Lab File: VL038906.D
 Acq: 13 Apr 2022 16:17

Tgt Ion:146 Resp: 1860256

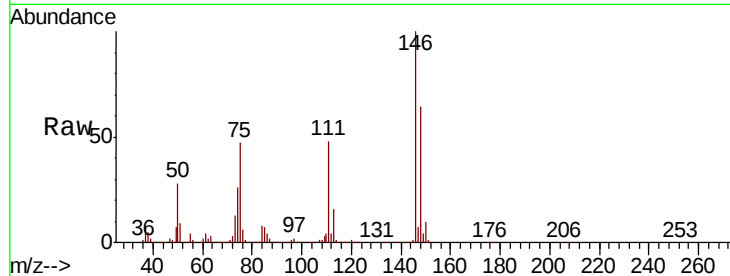
Ion	Ratio	Lower	Upper
146	100		
111	48.8	23.6	70.8
148	65.6	33.6	100.6



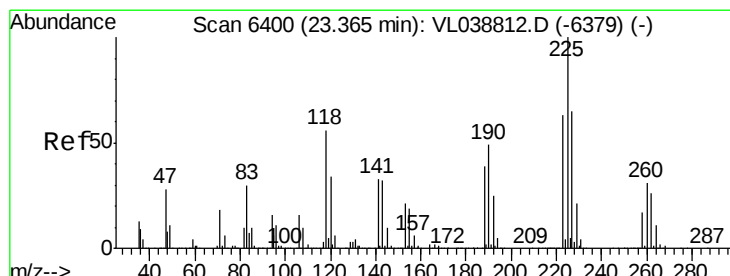
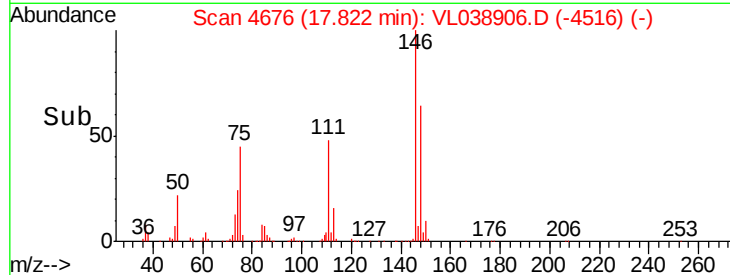
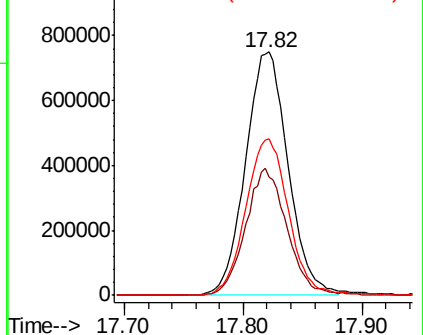


#77
 1,2-Dichlorobenzene
 Concen: 9.078 ppbv
 RT: 17.82 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0413ABS01
 Acq: 13 Apr 2022 16:17

Tot Ion:146 Resp: 1847445
 Ion Ratio Lower Upper
 146 100
 111 51.0 24.8 74.3
 148 64.9 31.9 95.7

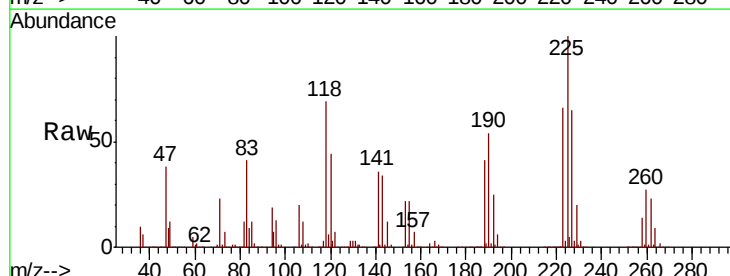


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

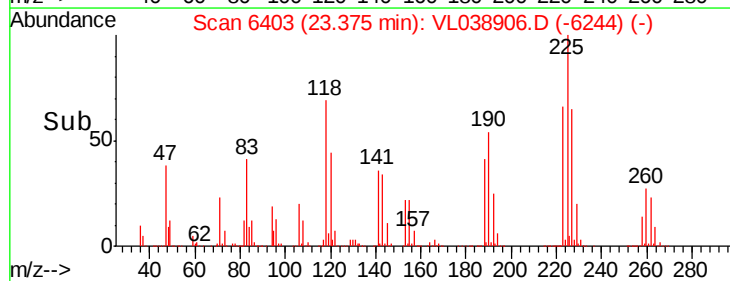
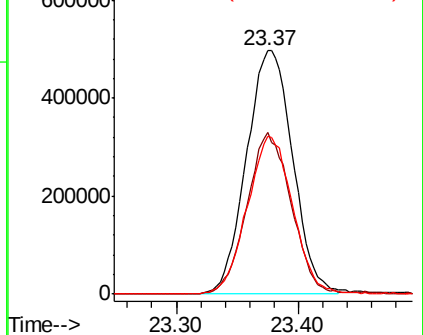


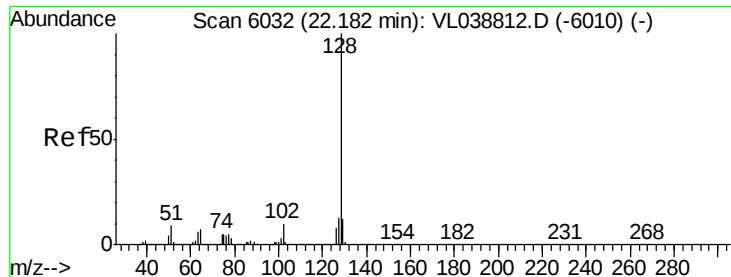
#78
 Hexachloro-1,3-Butadiene
 Concen: 8.119 ppbv
 RT: 23.37 min Scan# 6403
 Delta R.T. 0.01 min
 Lab File: VL038906.D
 Acq: 13 Apr 2022 16:17

Tgt Ion:225 Resp: 1305586
 Ion Ratio Lower Upper
 225 100
 223 64.0 51.6 77.4
 227 63.7 52.3 78.5



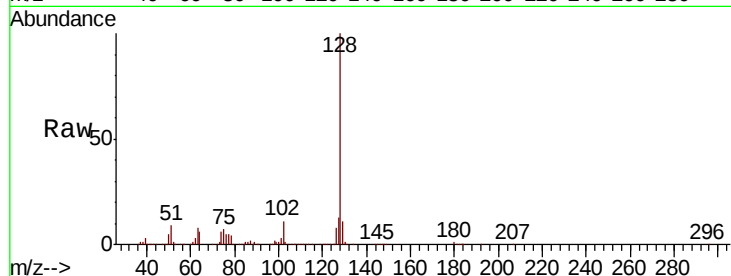
Abundance Ion 224.90 (224.60 to 225.60): V
 Ion 222.90 (222.60 to 223.60): V
 Ion 226.90 (226.60 to 227.60): V



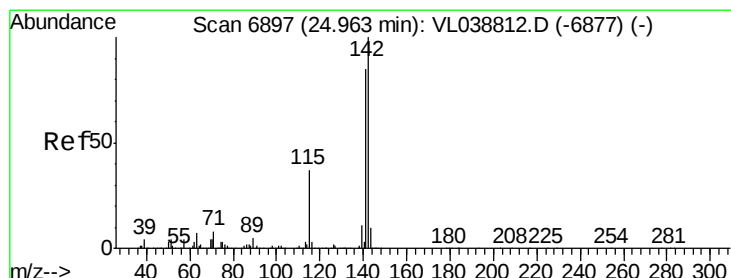
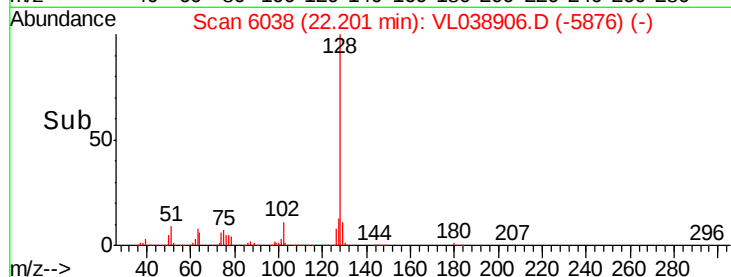
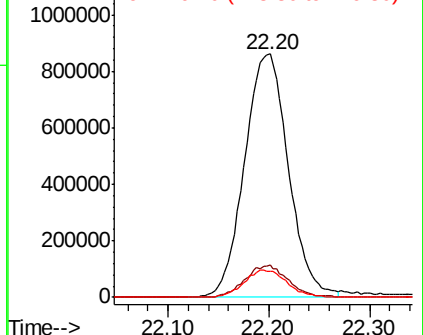


#79
Naphthalene
Concen: 9.776 ppbv
RT: 22.20 min
Instrument: MSVOA_1
Delta R.T.: 0.01 min
Lab File: VL0413ABS01
Client Sample Id: VL0413ABS01
Acq: 13 Apr 2022 16:17

Tot Ion:128	Resp: 2600362		
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	15.8
129	10.5	9.4	14.0

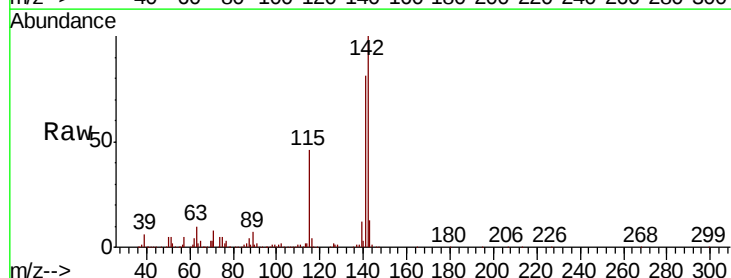


Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V

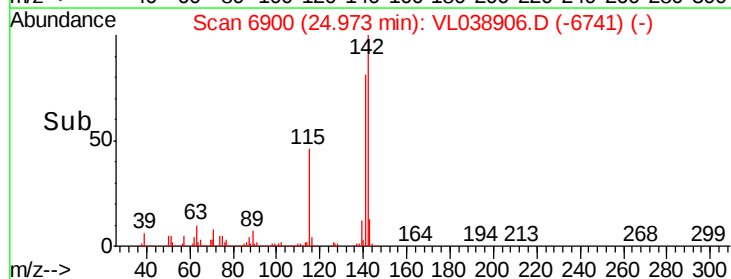
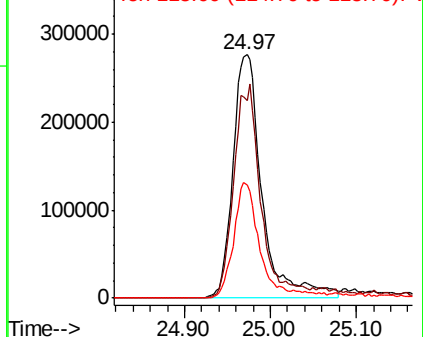


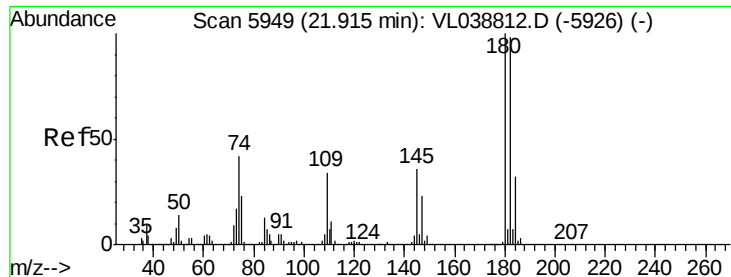
#80
Naphthalene, 2-methyl-
Concen: 9.924 ppbv
RT: 24.97 min Scan# 6900
Delta R.T.: 0.01 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

Tgt	Ion:142	Resp:	650477
Ion	Ratio	Lower	Upper
142	100		
141	84.4	68.8	103.2
115	46.9	31.6	47.4



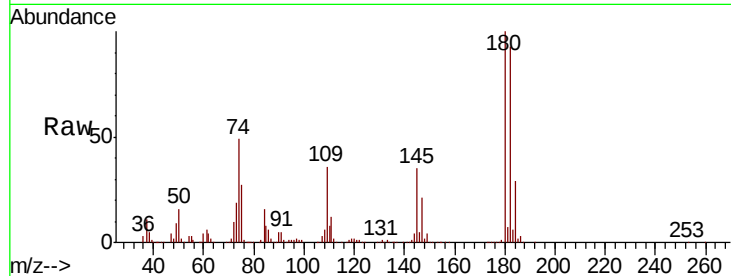
Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 9.316 ppbv
 RT: 21.93
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VL0413ABS01
 Acq: 13 Apr 2022 18:17

Tot Ion:180 Resp: 1450258
 Ion Ratio Lower Upper
 180 100
 182 98.2 79.4 119.0
 184 30.4 25.0 37.6



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

