

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111621\
 Data File : VL038026.D
 Acq On : 16 Nov 2021 3:43
 Operator : SY/AP
 Sample : VSTDIC0.5
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 16 04:35:14 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 16 03:19:45 2021
 QLast Update : Tue Nov 16 03:19:45 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	765857	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3096663	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2865200	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2117206	10.29	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.90%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	94057	0.817	ppbv 98
3) Chlorodifluoromethane	2.99	51	115157	0.757	ppbv 99
4) Chloromethane	3.14	50	39608	0.692	ppbv 92
5) Vinyl Chloride	3.26	62	37713	0.692	ppbv 99
6) Bromomethane	3.48	94	10395	0.353	ppbv # 77
7) Chloroethane	3.56	64	11450	0.579	ppbv # 76
8) Dichlorotetrafluoroethane	3.19	85	89543	0.686	ppbv 96
9) Propene	3.02	41	42811	0.773	ppbv 93
10) Heptane	8.12	43	106640	0.835	ppbv 98
11) Trichlorofluoromethane	3.95	101	87587	0.767	ppbv 94
12) 1,1,2-Trichlorotrifluoroet	4.49	101	67751	0.759	ppbv 96
13) Ethanol	3.61	45	514	0.095	ppbv # 36
14) Bromoethene	3.75	108	25562	0.666	ppbv # 93
15) Acetone	3.88	43	43914	0.654	ppbv # 81
16) 1,3-Butadiene	3.33	39	31472	0.597	ppbv # 73
17) tert-Butyl alcohol	4.32	59	25011	0.327	ppbv # 90
18) 1,1-Dichloroethene	4.29	96	27150	0.658	ppbv 91
20) Methylene Chloride	4.35	84	27113	0.736	ppbv 93
21) Allvl Chloride	4.42	41	45842	0.722	ppbv # 85
22) trans-1,2-Dichloroethene	4.89	96	29268	0.705	ppbv 98
23) Vinyl Acetate	5.08	43	73762	0.703	ppbv # 92
24) 1,1-Dichloroethane	5.01	63	65196	0.766	ppbv 98
25) Ethyl Acetate	5.69	43	107690	0.566	ppbv # 95
26) Hexane	5.69	57	54289	0.599	ppbv 95
27) Carbon Disulfide	4.55	76	71776	0.749	ppbv # 88
28) Methyl tert-Butyl Ether	5.06	73	75227	0.879	ppbv 95
29) Chloroform	5.75	83	75822	0.546	ppbv 99
30) Cyclohexane	7.12	84	36551	0.442	ppbv # 1
31) cis-1,2-Dichloroethene	5.55	61	23652	0.291	ppbv 88
32) 1,1,1-Trichloroethane	6.51	97	110294	0.795	ppbv 100
34) 2-Butanone	5.26	43	21290	0.191	ppbv # 53
35) Carbon Tetrachloride	7.01	117	108337	0.571	ppbv 98
36) Benzene	6.88	78	78042	0.305	ppbv 93
37) 1,2-Dichloroethane	6.30	62	68278	0.559	ppbv # 95
38) Trichloroethene	7.83	130	56786	0.542	ppbv 93
39) 1,2-Dichloropropane	7.61	63	62817	0.645	ppbv 86
42) Bromodichloromethane	7.78	83	110931	0.597	ppbv # 87
43) Methyl Methacrylate	8.02	69	53572	0.631	ppbv 95
44) 2,2,4-Trimethylpentane	7.87	57	287946	0.665	ppbv 97
45) t-1,3-Dichloropropene	9.28	75	10000	0.155	ppbv 93
46) cis-1,3-Dichloropropene	8.70	75	56332	0.650	ppbv 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111621\
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 Acq On : 16 Nov 2021 3:43
 Operator : SY/AP
 Sample : VSTDIC0.5
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

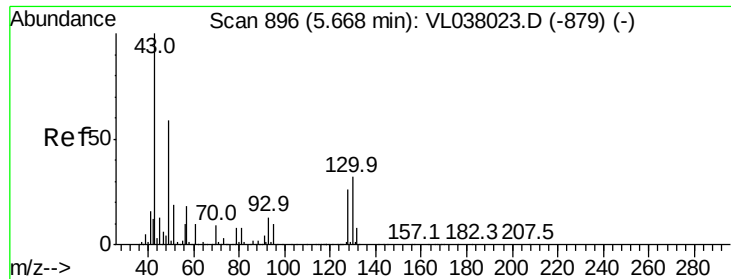
Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 16 04:35:14 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 16 03:19:45 2021
 QLast Update : Tue Nov 16 03:19:45 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

47) 1,1,2-Trichloroethane	9.46	97	24335	0.226	ppbv	94
48) Dibromochloromethane	10.29	129	96254	0.624	ppbv	100
49) Bromoform	13.03	173	73588	0.607	ppbv	98
50) 4-Methyl-2-Pentanone	8.76	43	33142	0.216	ppbv #	38
52) Tetrachloroethene	11.22	164	56010	0.584	ppbv	99
53) Toluene	9.80	91	98570	0.359	ppbv #	26
54) 1,2-Dibromoethane	10.60	107	80560	0.577	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.12	131	27424	0.238	ppbv #	1
57) Chlorobenzene	12.14	112	133832	0.591	ppbv #	93
58) Ethyl Benzene	12.70	91	118416	0.336	ppbv	91
59) m/p-Xylene	12.98	91	187392	0.607	ppbv #	19
60) o-Xylene	13.68	91	193721	0.666	ppbv	99
61) Styrene	13.52	104	97719	0.713	ppbv	91
62) Isopropylbenzene	14.66	105	288250	0.694	ppbv	94
63) 1,1,2,2-Tetrachloroethane	13.67	83	131879	0.527	ppbv	100
64) n-propylbenzene	15.55	120	68579	0.649	ppbv	87
65) tert-Butylbenzene	16.74	119	116916	0.321	ppbv #	5
66) Benzyl Chloride	16.98	91	2154	0.109	ppbv #	62
67) sec-Butylbenzene	17.28	105	173521	0.345	ppbv #	63
69) p-Isopropyltoluene	17.64	119	277311	0.689	ppbv	99
70) n-Butylbenzene	18.54	91	242971	0.658	ppbv	97
71) 2-Chlorotoluene	15.44	91	197439	0.681	ppbv	100
72) 4-Ethyltoluene	15.83	105	220098	0.654	ppbv #	97
73) 1,3,5-Trimethylbenzene	15.99	105	81581	0.261	ppbv	89
74) 1,2,4-Trimethylbenzene	16.75	105	212352	0.652	ppbv	96
75) 1,3-Dichlorobenzene	16.99	146	111525	0.552	ppbv	97
76) 1,4-Dichlorobenzene	17.12	146	98366	0.502	ppbv	85
77) 1,2-Dichlorobenzene	17.81	146	102133	0.539	ppbv	87
78) Hexachloro-1,3-Butadiene	23.36	225	74256	0.474	ppbv	96
79) Naphthalene	22.19	128	59813	0.333	ppbv	96
80) Naphthalene,2-methyl-	24.98	142	15681	0.507	ppbv #	46
81) 1,2,4-Trichlorobenzene	21.91	180	23541	0.202	ppbv #	11

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Nov 2021 3:43

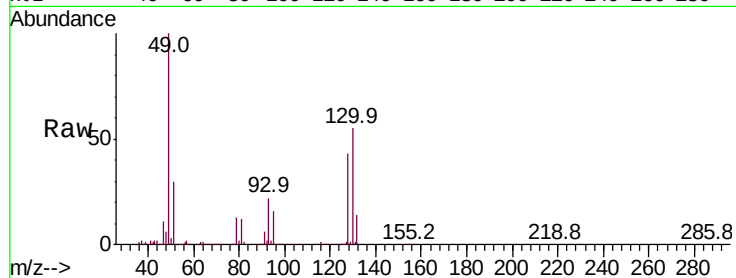
Tot Ion: 49 Resp: 765857

Ion Ratio Lower Upper

49 100

128 47.6 23.4 70.2

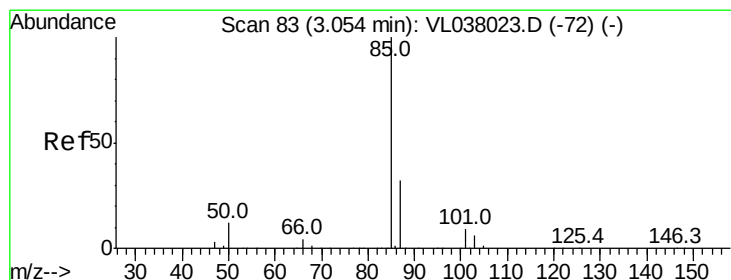
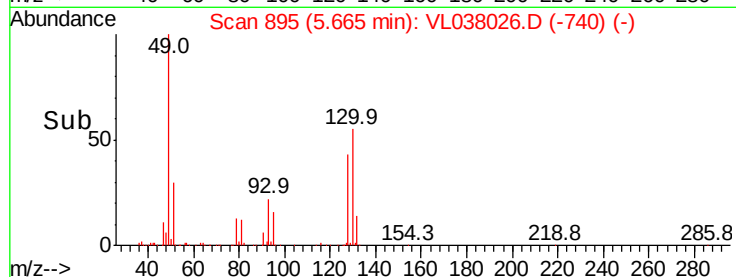
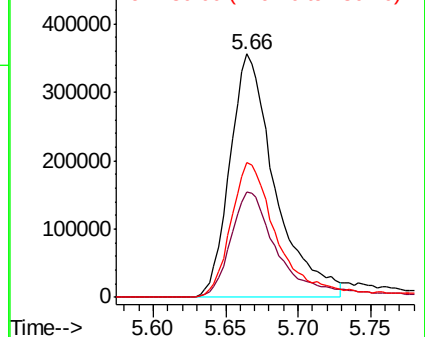
130 61.8 29.1 87.3



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.817 ppbv

RT: 3.05 min Scan# 83

Delta R.T. 0.00 min

Lab File: VL038026.D

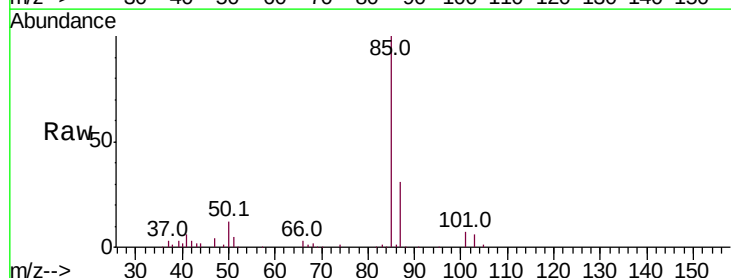
Acq: 16 Nov 2021 3:43

Tgt Ion: 85 Resp: 94057

Ion Ratio Lower Upper

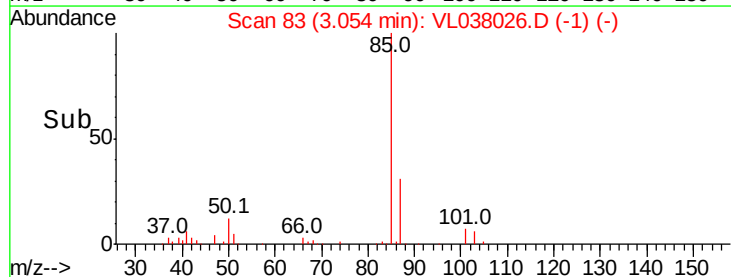
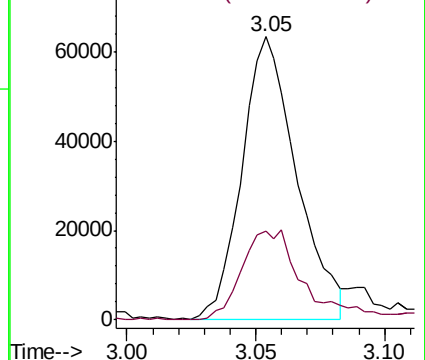
85 100

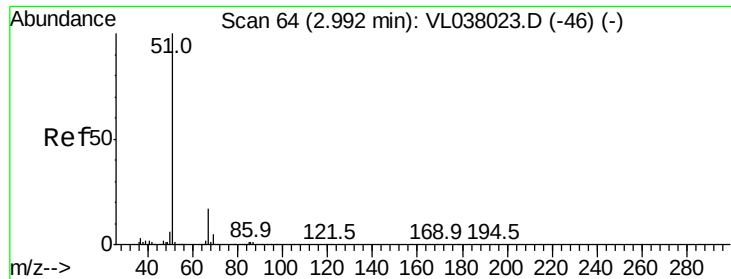
87 31.2 25.9 38.9



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.757 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

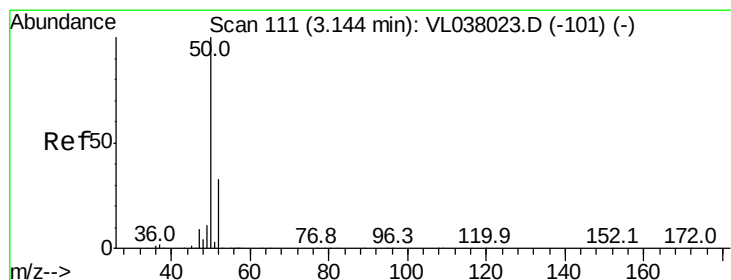
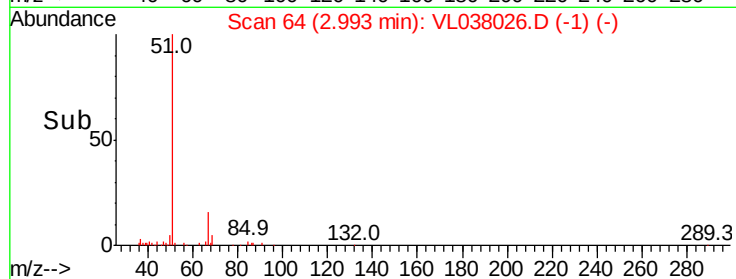
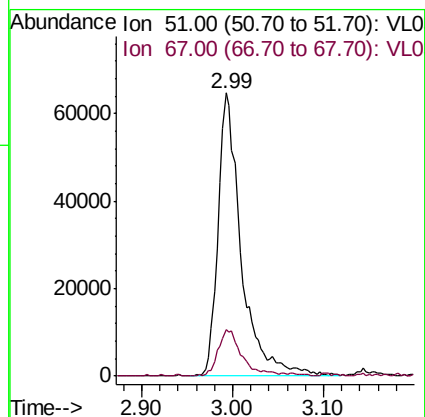
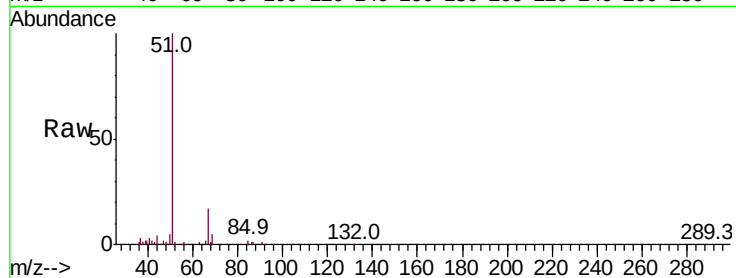
Acq: 16 Nov 2021 3:43

Tot Ion: 51 Resp: 115157

Ion Ratio Lower Upper

51 100

67 17.4 13.5 20.3



#4

Chloromethane

Concen: 0.692 ppbv

RT: 3.14 min Scan# 111

Delta R.T. 0.00 min

Lab File: VL038026.D

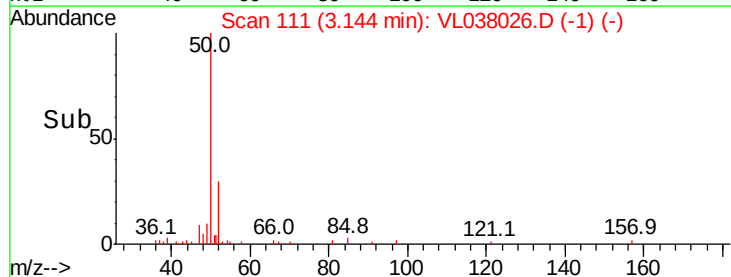
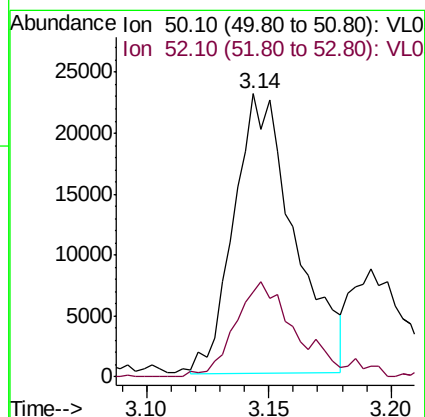
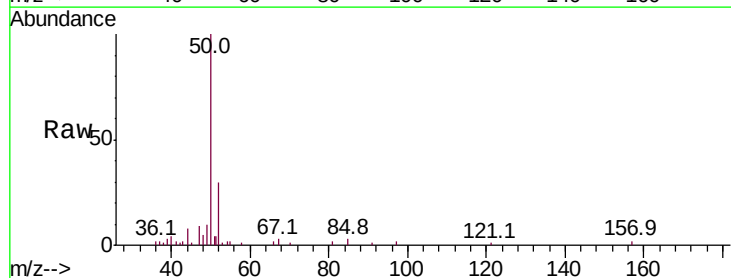
Acq: 16 Nov 2021 3:43

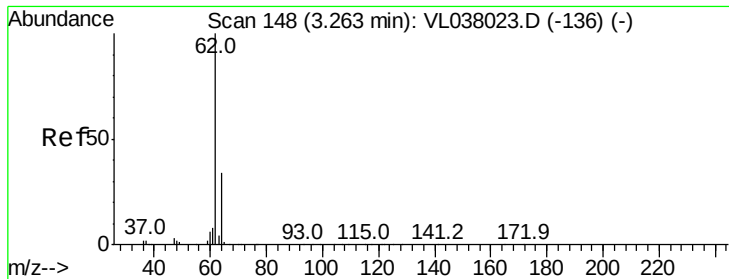
Tgt Ion: 50 Resp: 39608

Ion Ratio Lower Upper

50 100

52 28.8 26.4 39.6





#5

Vinyl Chloride

Concen: 0.692 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

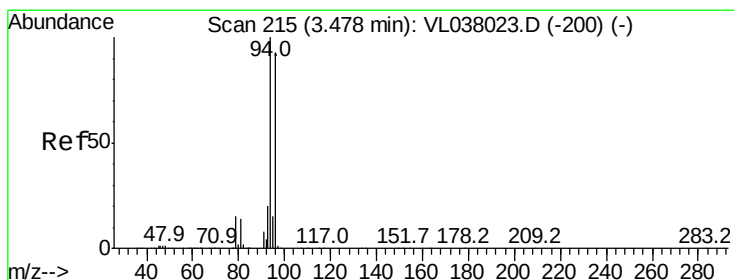
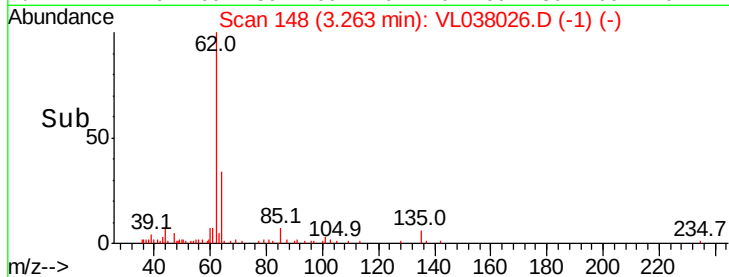
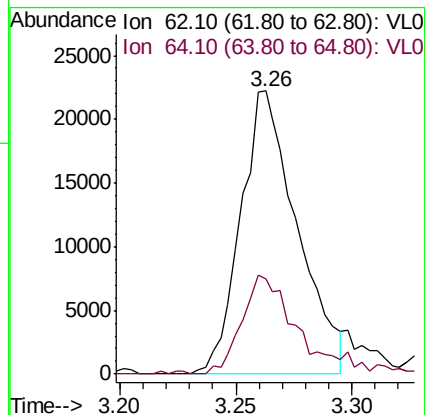
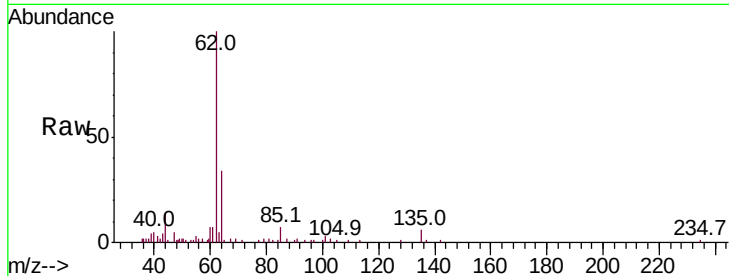
Acq: 16 Nov 2021 3:43

Tot Ion: 62 Resp: 37713

Ion Ratio Lower Upper

62 100

64 33.6 27.4 41.0



#6

Bromomethane

Concen: 0.353 ppbv

RT: 3.48 min Scan# 215

Delta R.T. 0.00 min

Lab File: VL038026.D

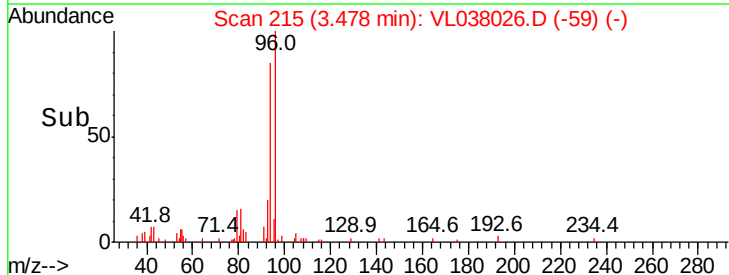
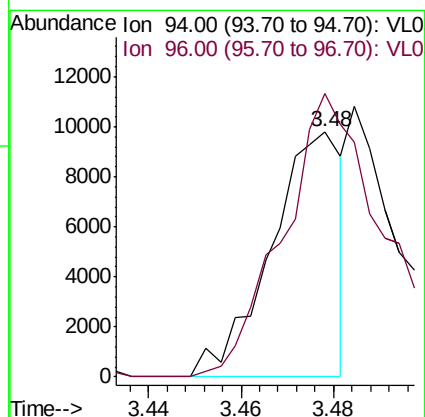
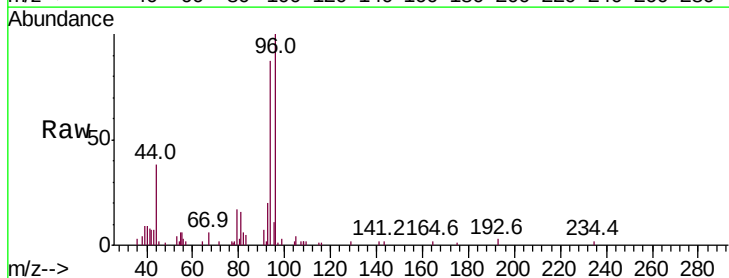
Acq: 16 Nov 2021 3:43

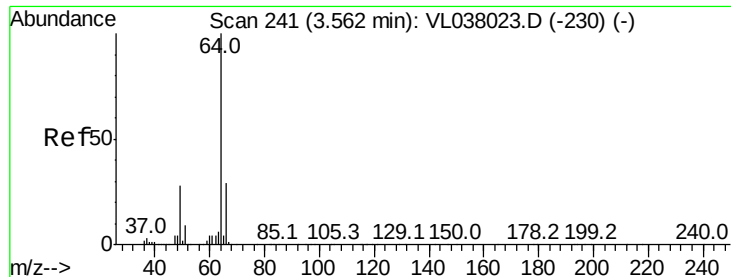
Tgt Ion: 94 Resp: 10395

Ion Ratio Lower Upper

94 100

96 115.4 74.8 112.2#





#7

Chloroethane

Concen: 0.579 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

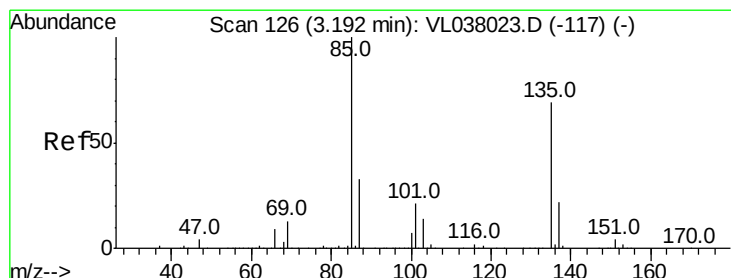
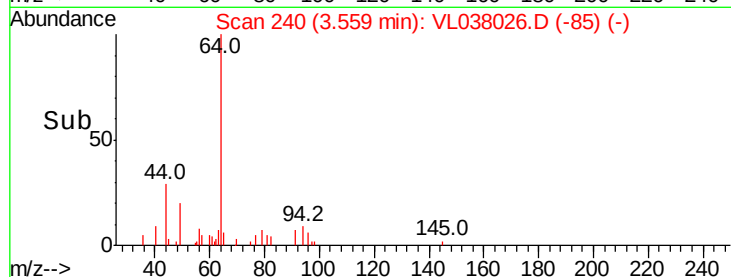
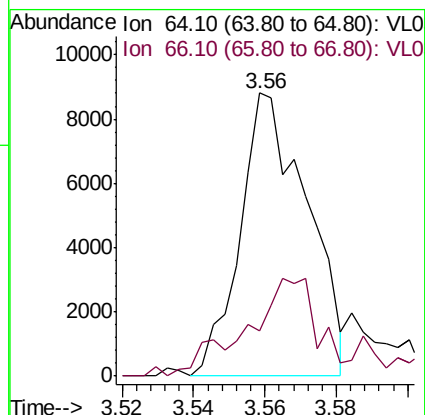
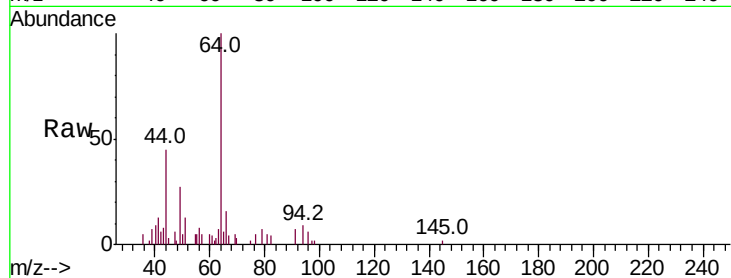
Acq: 16 Nov 2021 3:43

Tot Ion: 64 Resp: 11450

Ion Ratio Lower Upper

64 100

66 15.9 23.1 34.7#



#8

Dichlorotetrafluoroethane

Concen: 0.686 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.00 min

Lab File: VL038026.D

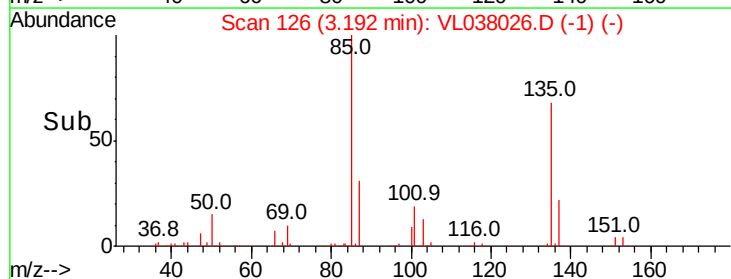
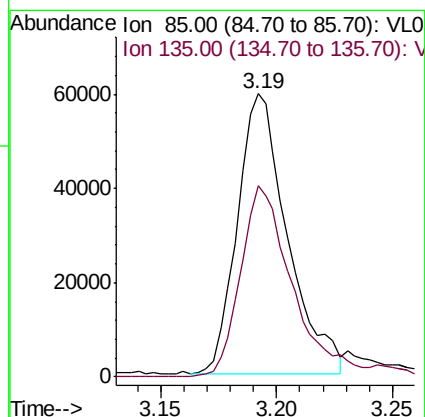
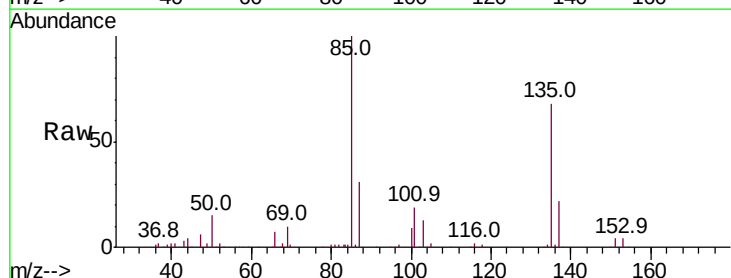
Acq: 16 Nov 2021 3:43

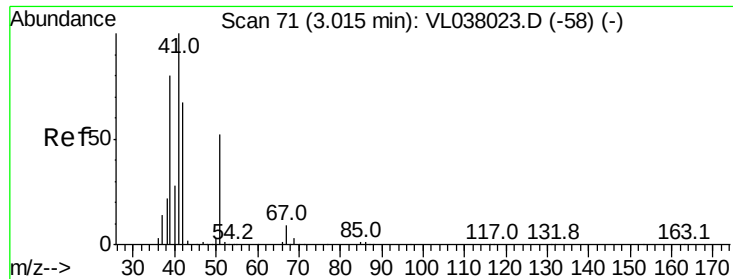
Tgt Ion: 85 Resp: 89543

Ion Ratio Lower Upper

85 100

135 74.4 57.0 85.6





#9

Propene

Concen: 0.773 ppbv

RT: 3.02 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

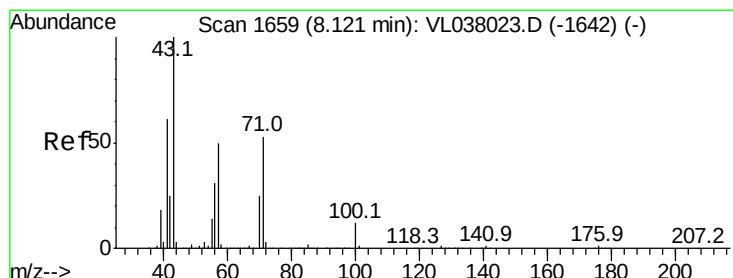
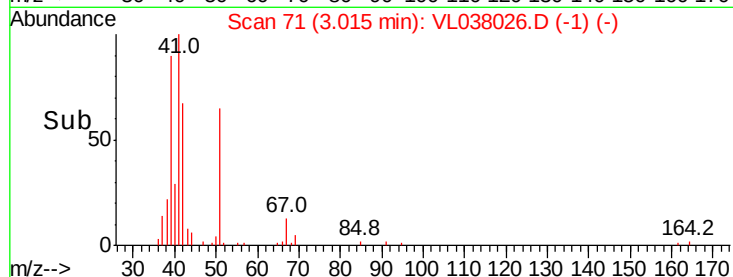
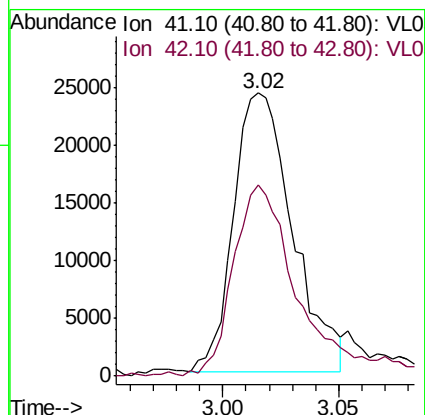
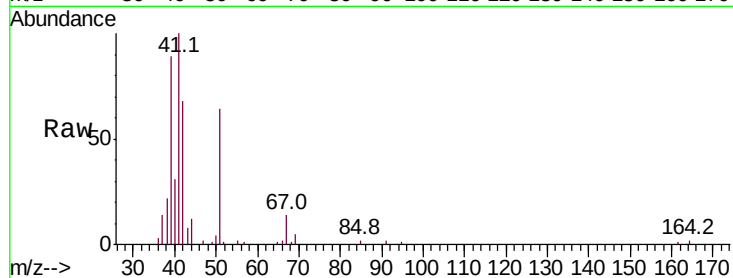
Acq: 16 Nov 2021 3:43

Tot Ion: 41 Resp: 42811

Ion Ratio Lower Upper

41 100

42 74.8 55.4 83.0



#10

Heptane

Concen: 0.835 ppbv

RT: 8.12 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VL038026.D

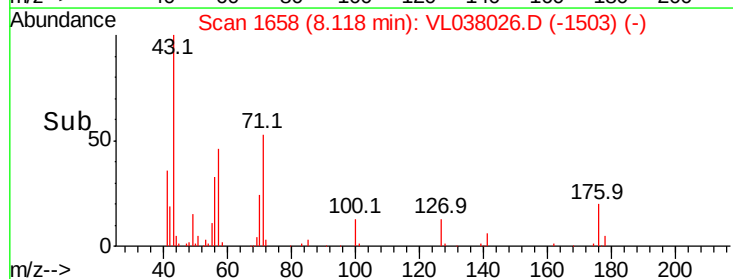
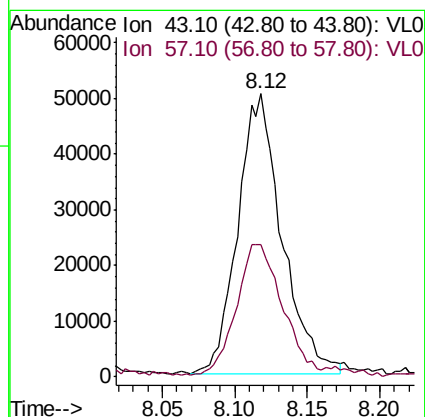
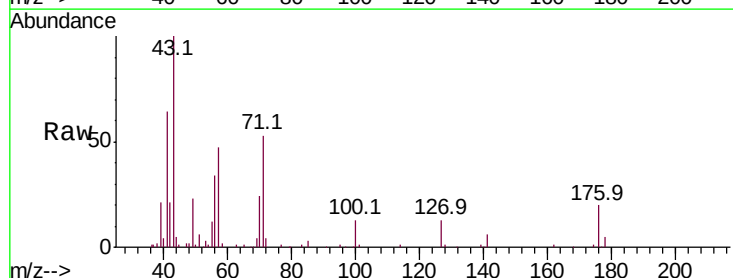
Acq: 16 Nov 2021 3:43

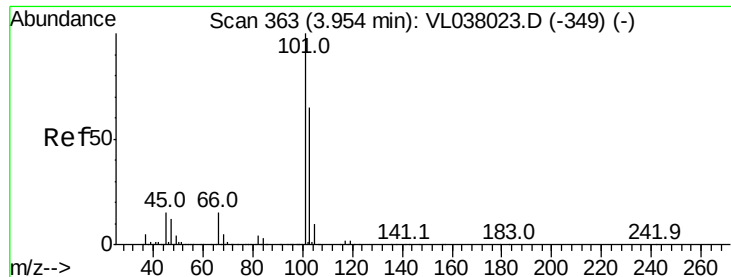
Tgt Ion: 43 Resp: 106640

Ion Ratio Lower Upper

43 100

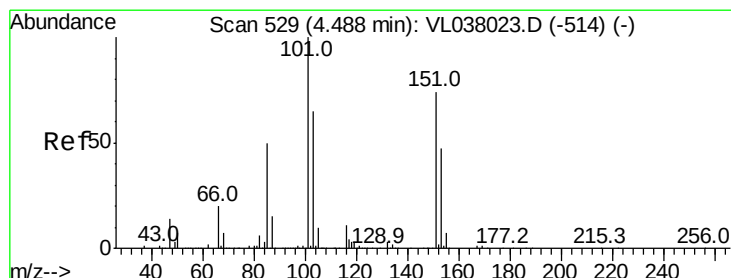
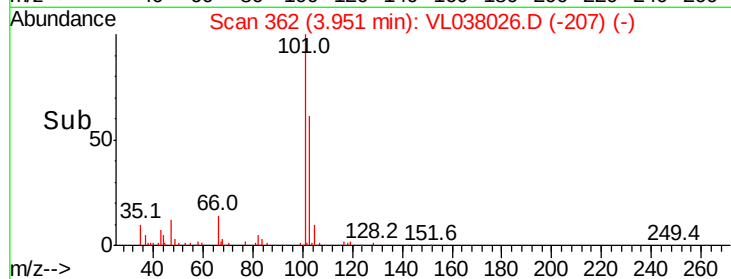
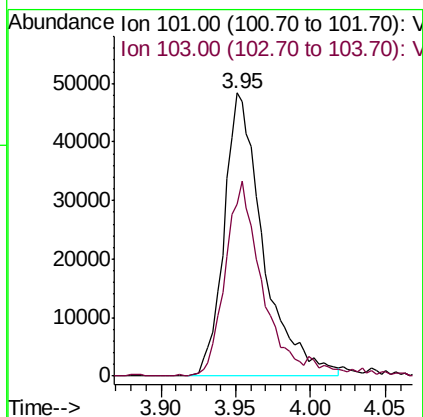
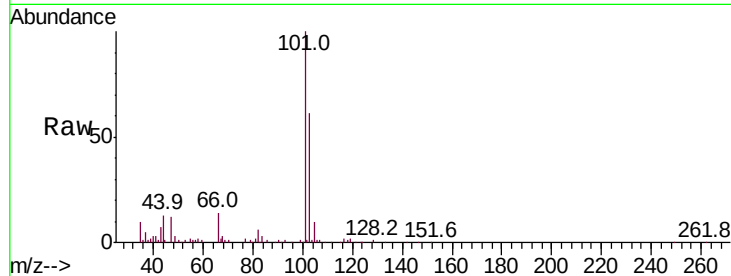
57 51.0 39.9 59.9





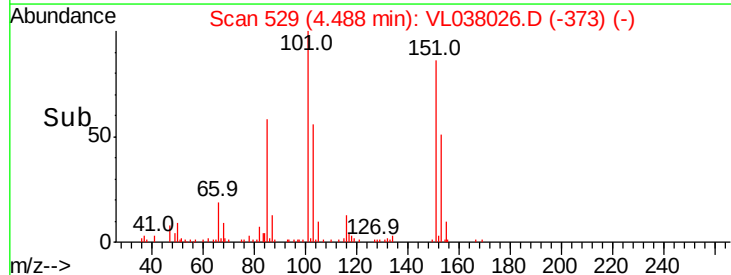
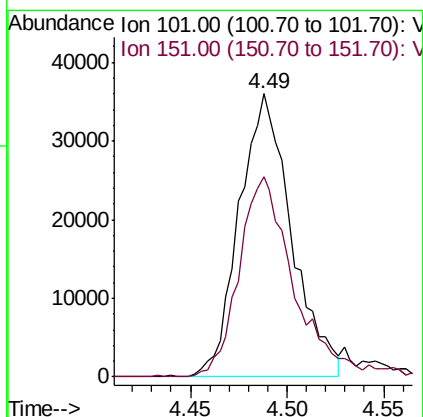
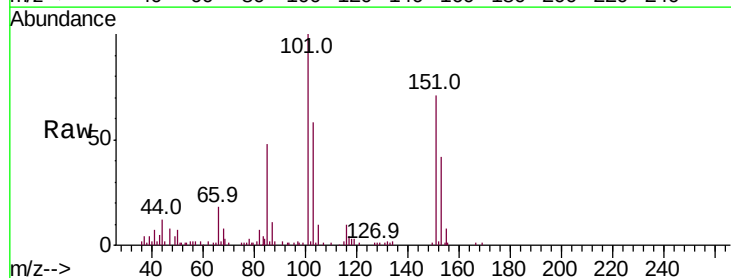
#11
 Trichlorofluoromethane
 Concen: 0.767 ppbv
 RT: 3.95 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 16 Nov 2021 3:43

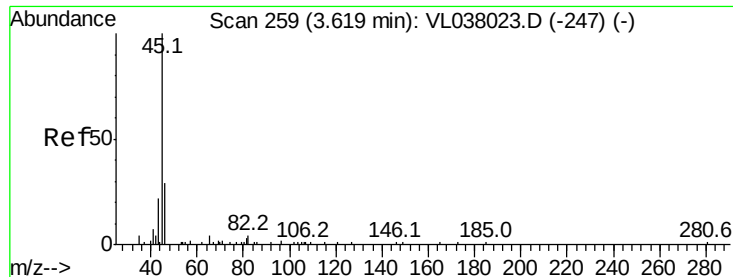
Tot Ion:101 Resp: 87587
 Ion Ratio Lower Upper
 101 100
 103 60.8 52.3 78.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.759 ppbv
 RT: 4.49 min Scan# 529
 Delta R.T.: 0.00 min
 Lab File: VL038026.D
 Acq: 16 Nov 2021 3:43

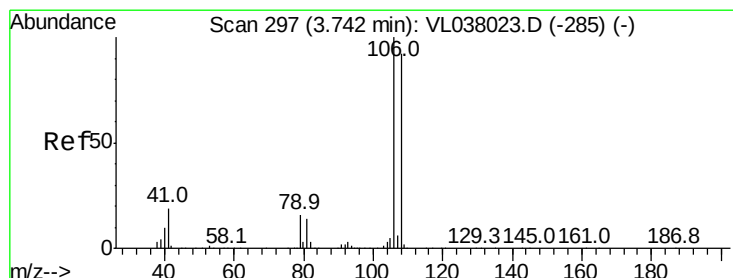
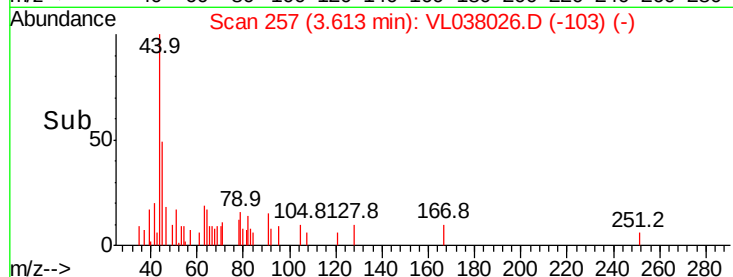
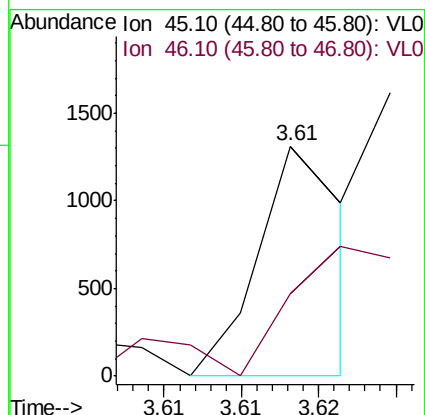
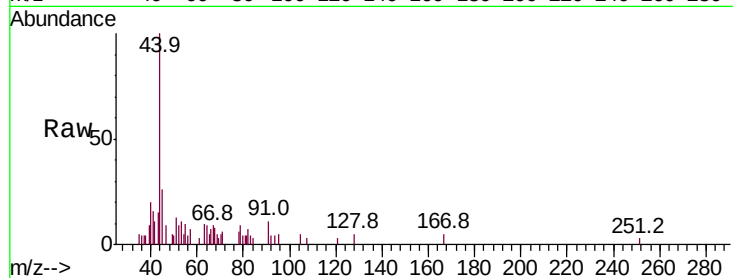
Tgt Ion:101 Resp: 67751
 Ion Ratio Lower Upper
 101 100
 151 76.1 57.9 86.9





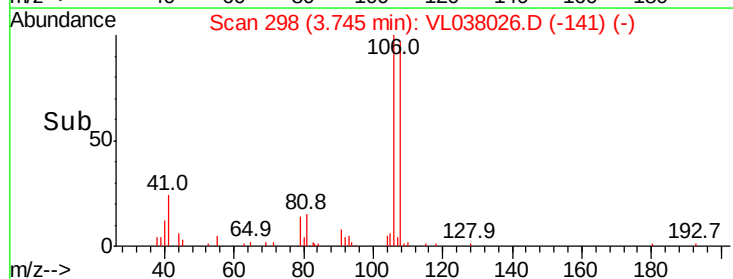
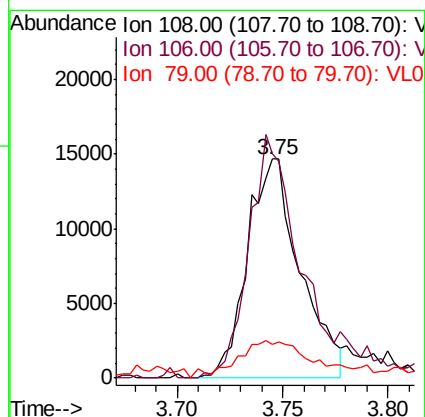
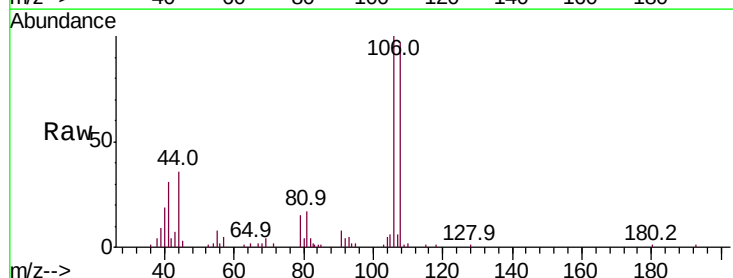
#13
 Ethanol
 Concen: 0.095 ppbv
 RT: 3.61 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 3:43

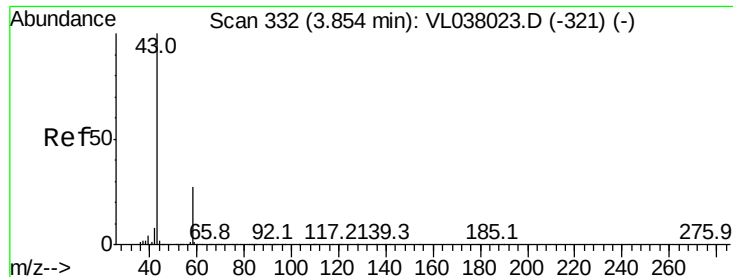
Tot Ion	45	46	Ratio	Lower	Upper
Resp:	514				
Ion	45	46	100	0.0	61.9#



#14
 Bromoethene
 Concen: 0.666 ppbv
 RT: 3.75 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: VL038026.D
 Acq: 16 Nov 2021 3:43

Tgt Ion	108	106	79	Ratio	Lower	Upper
Resp:	25562					
Ion	108	106	79	100	120.3	21.1#





#15

Acetone

Concen: 0.654 ppbv

RT: 3.88 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

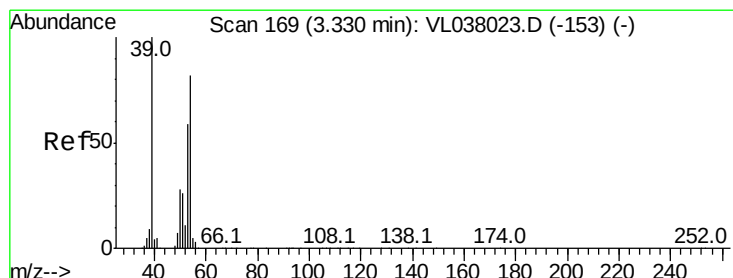
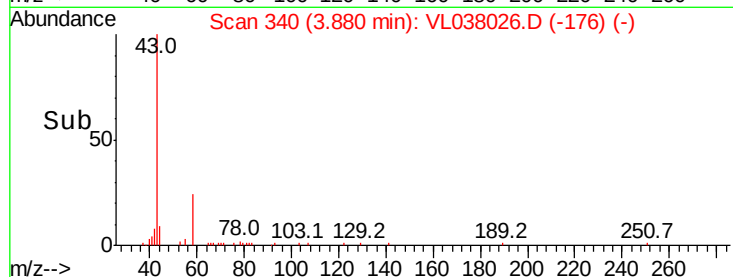
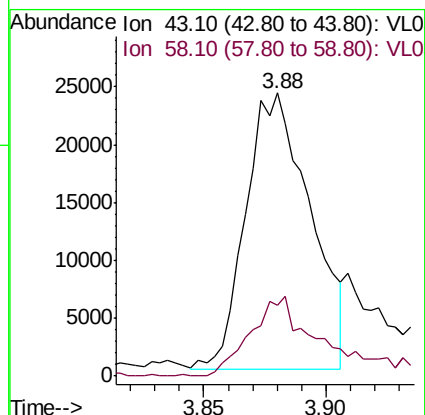
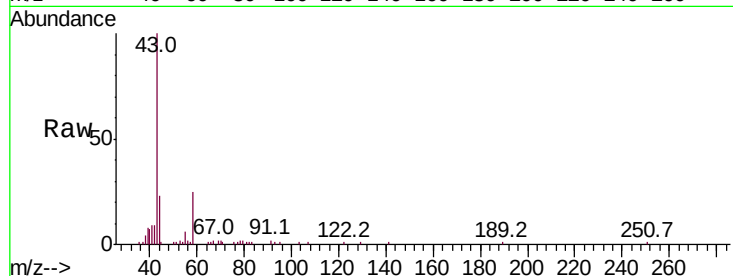
Acq: 16 Nov 2021 3:43

Tot Ion: 43 Resp: 43914

Ion Ratio Lower Upper

43 100

58 38.2 22.6 33.8#



#16

1,3-Butadiene

Concen: 0.597 ppbv

RT: 3.33 min Scan# 170

Delta R.T. 0.00 min

Lab File: VL038026.D

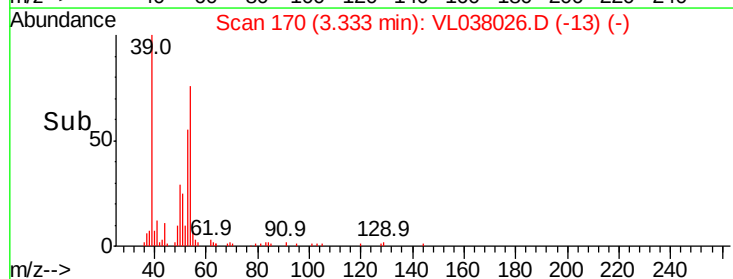
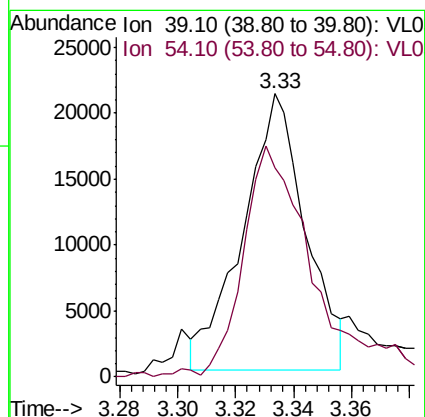
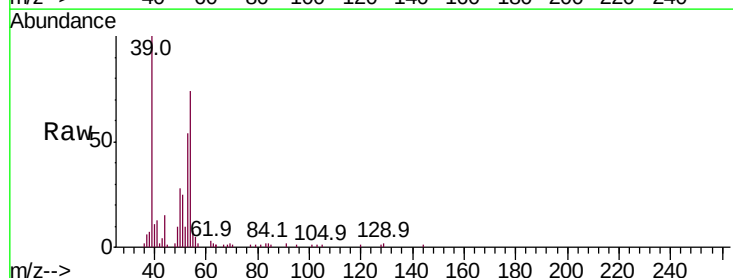
Acq: 16 Nov 2021 3:43

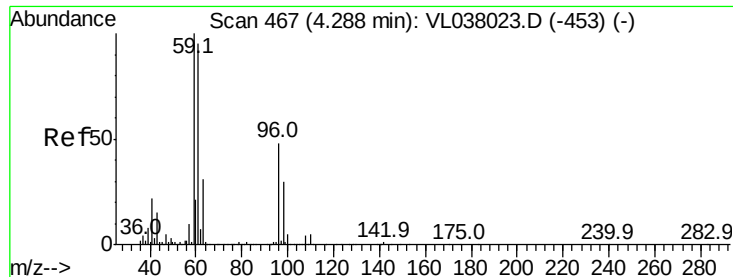
Tgt Ion: 39 Resp: 31472

Ion Ratio Lower Upper

39 100

54 104.0 63.8 95.8#





#17

tert-Butyl alcohol

Concen: 0.327 ppbv

RT: 4.32 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

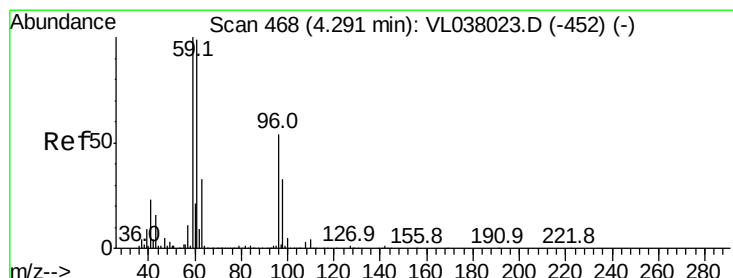
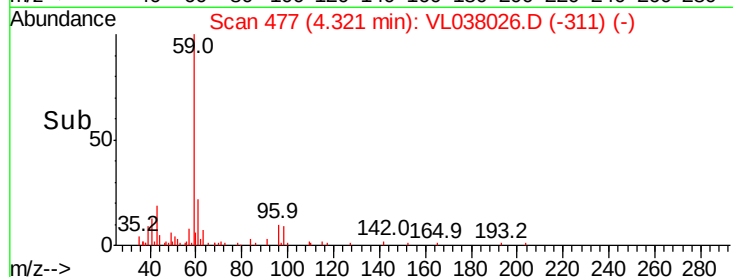
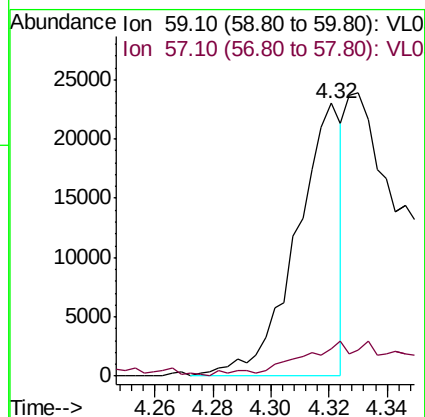
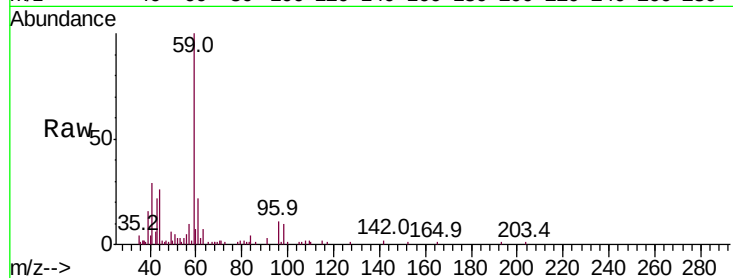
Acq: 16 Nov 2021 3:43

Tot Ion: 59 Resp: 25011

Ion Ratio Lower Upper

59 100

57 7.1 8.7 13.1#



#18

1,1-Dichloroethene

Concen: 0.658 ppbv

RT: 4.29 min Scan# 469

Delta R.T. 0.00 min

Lab File: VL038026.D

Acq: 16 Nov 2021 3:43

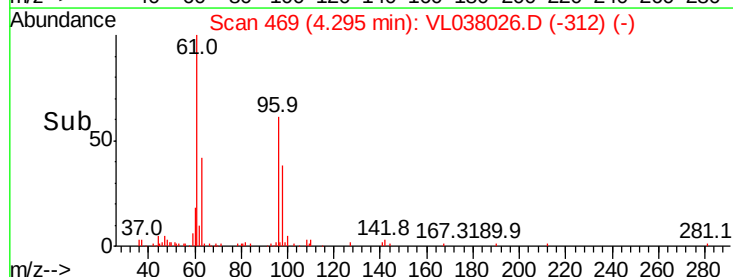
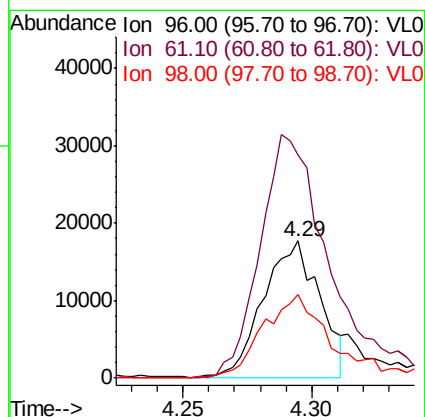
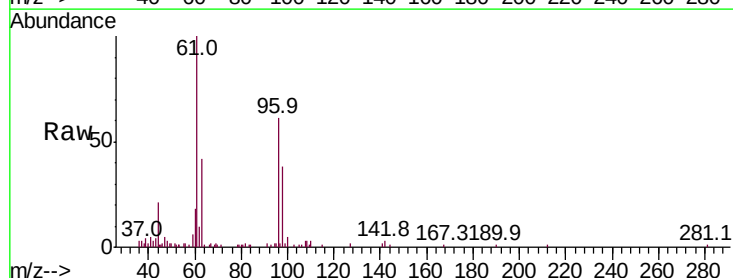
Tgt Ion: 96 Resp: 27150

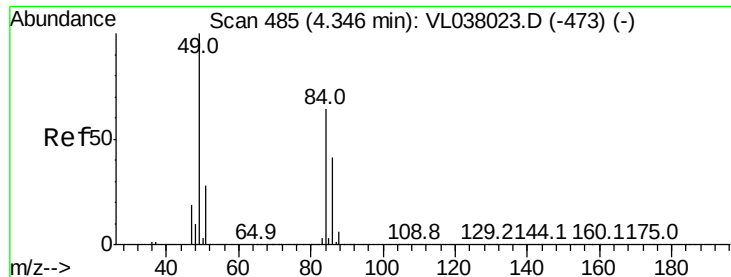
Ion Ratio Lower Upper

96 100

61 164.6 145.2 217.8

98 62.1 48.8 73.2





#20

Methylene Chloride

Concen: 0.736 ppbv

RT: 4.35

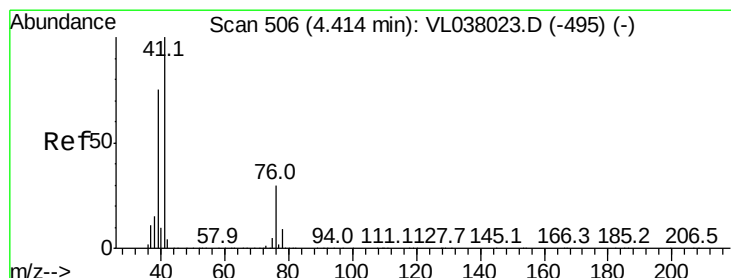
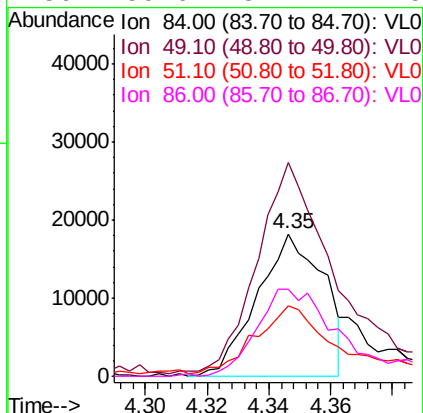
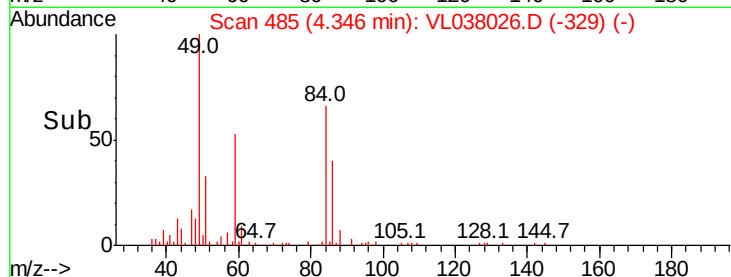
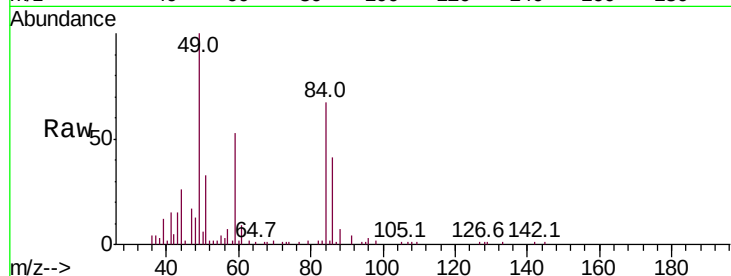
Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId :

Acq: 16 Nov 2021 3:43

Tot Ion:	84	Resp:	27113
Ion	Ratio	Lower	Upper
84	100		
49	146.0	125.1	187.7
51	46.9	35.3	52.9
86	59.6	51.7	77.5



#21

Allyl Chloride

Concen: 0.722 ppbv

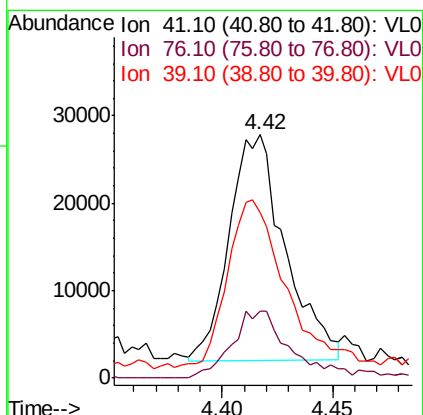
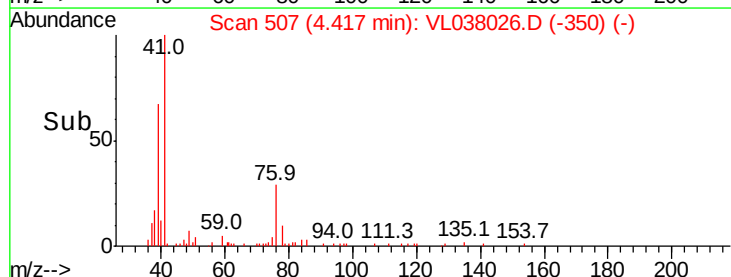
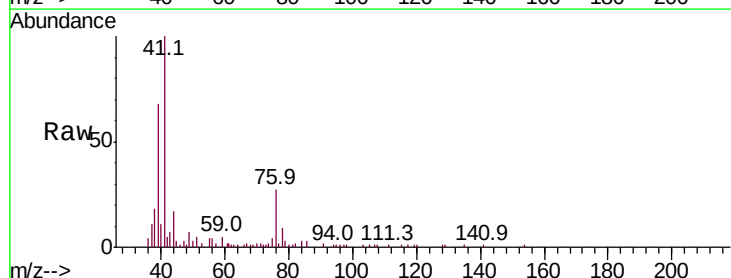
RT: 4.42 min Scan# 507

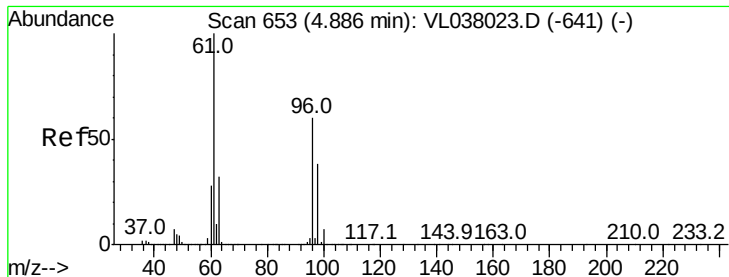
Delta R.T. 0.00 min

Lab File: VL038026.D

Acq: 16 Nov 2021 3:43

Tgt Ion:	41	Resp:	45842
Ion	Ratio	Lower	Upper
41	100		
76	32.8	24.6	37.0
39	92.0	60.6	90.8#





#22

trans-1,2-Dichloroethene

Concen: 0.705 ppbv

RT: 4.89 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 16 Nov 2021 3:43

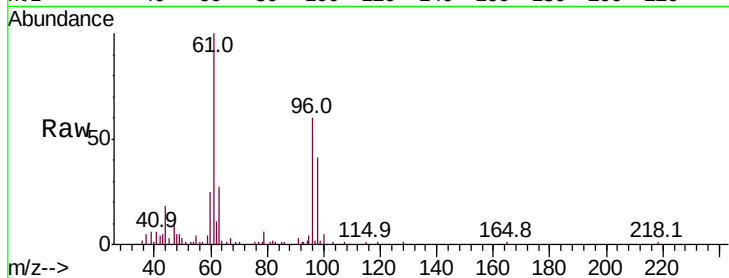
Tot Ion: 96 Resp: 29268

Ion Ratio Lower Upper

96 100

61 168.0 134.2 201.4

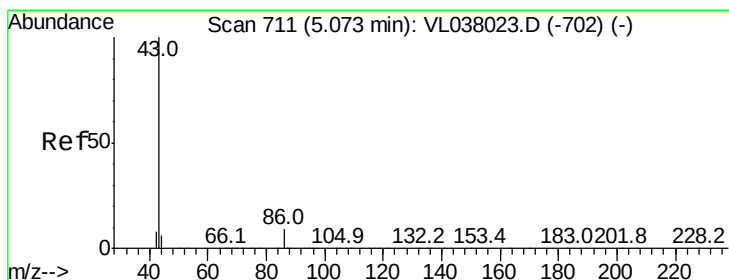
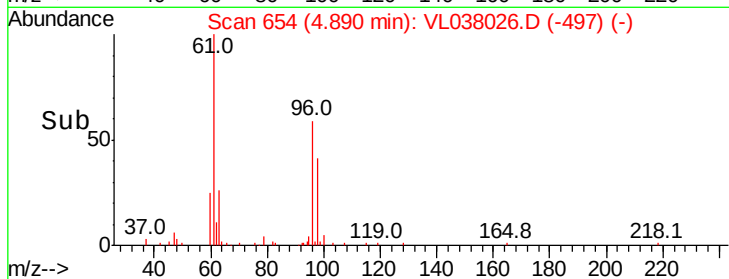
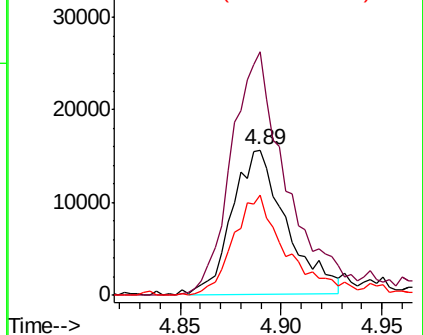
98 70.1 51.3 76.9



Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0



#23

Vinyl Acetate

Concen: 0.703 ppbv

RT: 5.08 min Scan# 714

Delta R.T. 0.01 min

Lab File: VL038026.D

Acq: 16 Nov 2021 3:43

Tgt Ion: 43 Resp: 73762

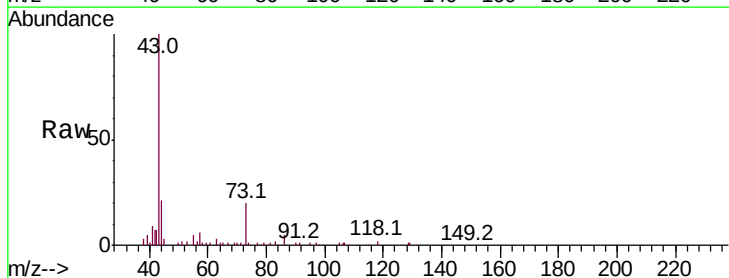
Ion Ratio Lower Upper

43 100

86 4.2 5.9 8.9#

42 11.7 7.4 11.2#

44 8.1 4.1 6.1#

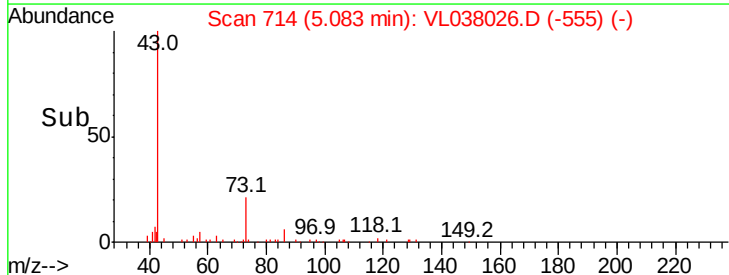
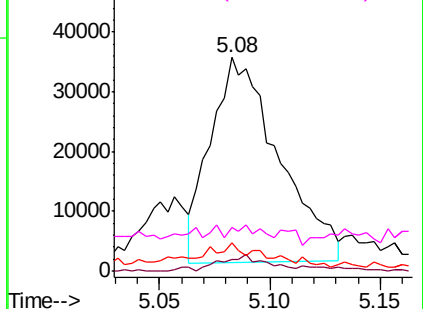


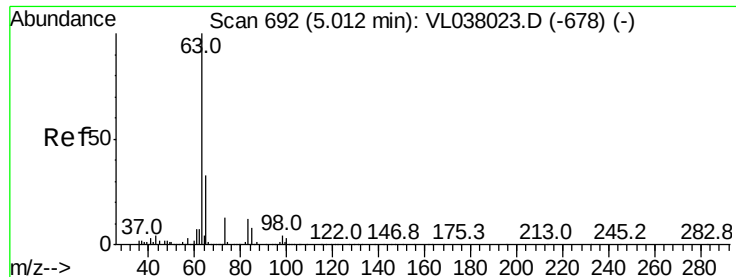
Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 0.766 ppbv

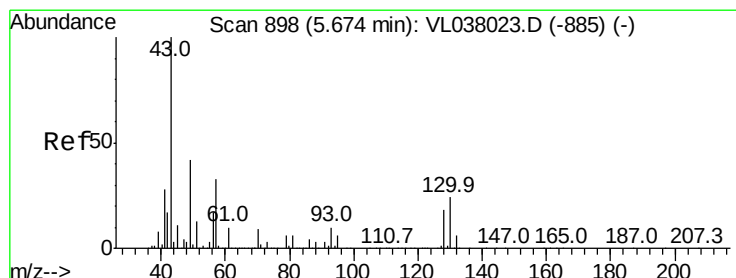
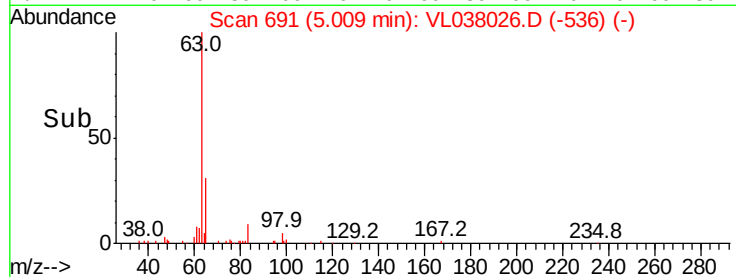
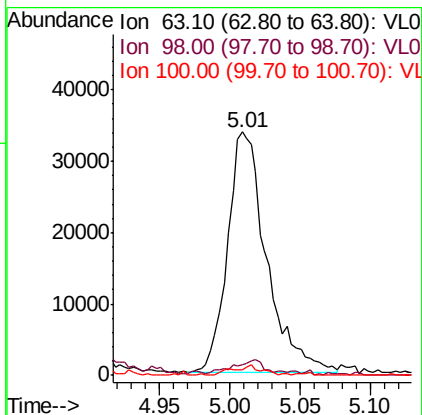
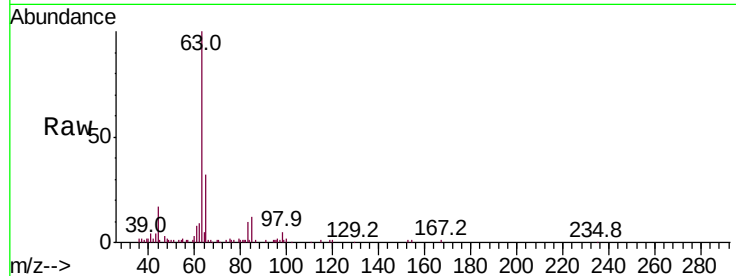
RT: 5.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Nov 2021 3:43

Tot Ion:	63	Resp:	65196
Ion	Ratio	Lower	Upper
63	100		
98	3.8	2.3	6.9
100	2.2	1.5	4.4



#25

Ethyl Acetate

Concen: 0.566 ppbv

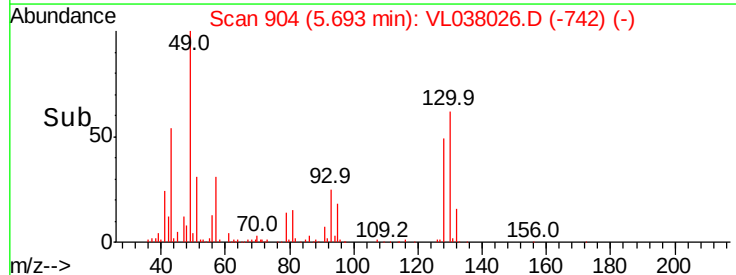
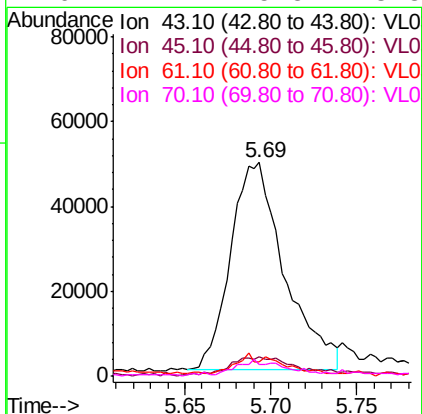
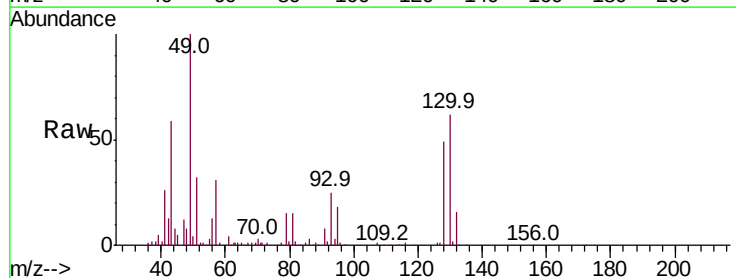
RT: 5.69 min Scan# 904

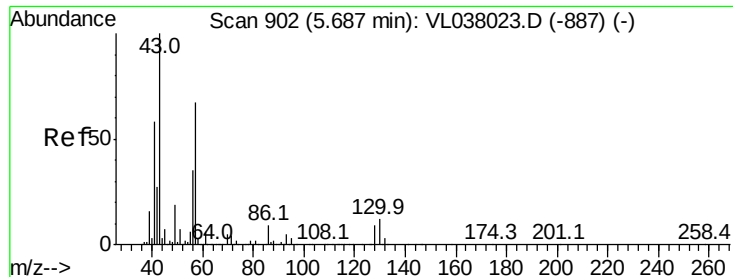
Delta R.T. 0.02 min

Lab File: VL038026.D

Acq: 16 Nov 2021 3:43

Tgt Ion:	43	Resp:	107690
Ion	Ratio	Lower	Upper
43	100		
45	13.6	7.8	11.8#
61	10.5	7.7	11.5
70	7.4	5.5	8.3





#26

Hexane

Concen: 0.599 ppbv

RT: 5.69

Delta R.T. MSVOA_L

Lab File:

Acq: 16 Nov 2021 3:43

ClientSampleId :

Tot Ion: 57 Resp: 54289

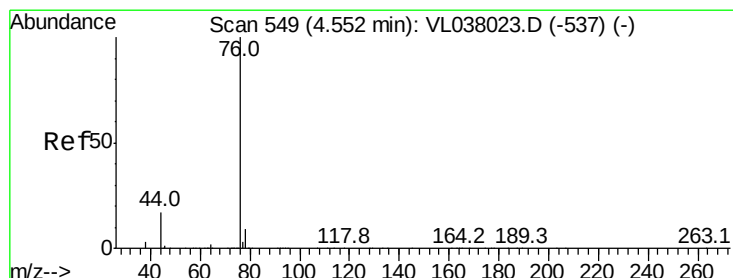
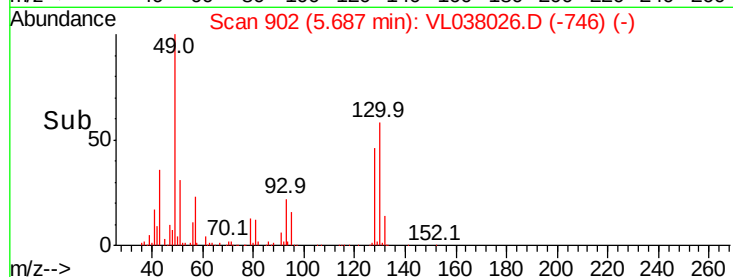
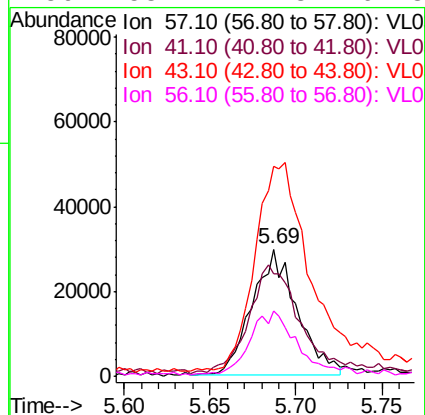
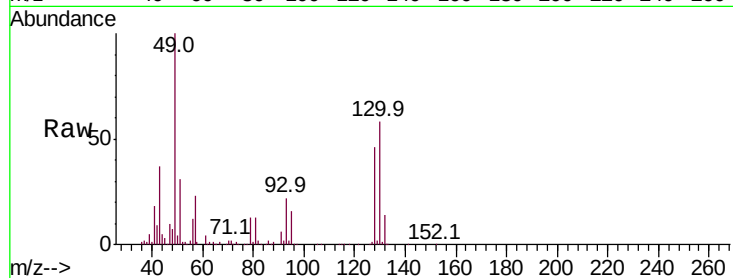
Ion Ratio Lower Upper

57 100

41 104.0 70.8 106.2

43 214.6 169.4 254.0

56 53.1 41.8 62.8



#27

Carbon Disulfide

Concen: 0.749 ppbv

RT: 4.55 min Scan# 549

Delta R.T. 0.00 min

Lab File: VL038026.D

Acq: 16 Nov 2021 3:43

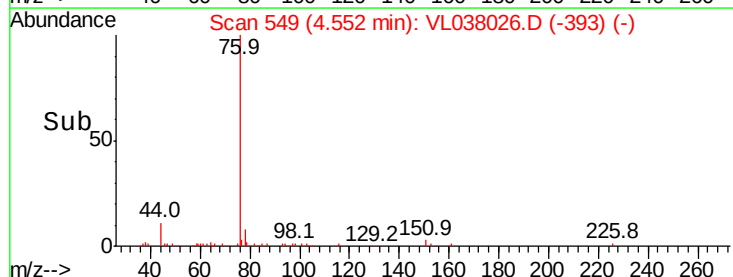
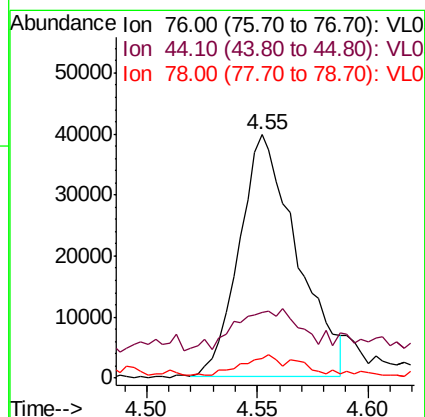
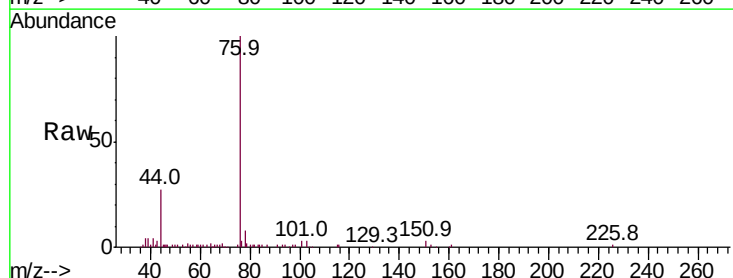
Tgt Ion: 76 Resp: 71776

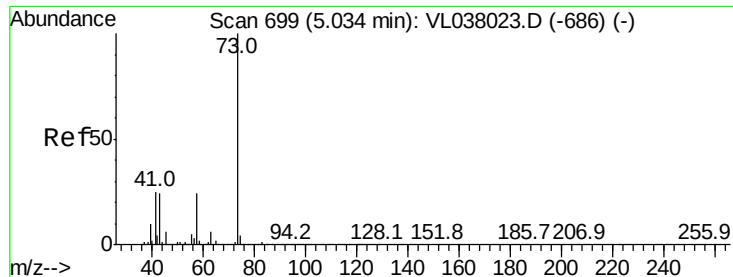
Ion Ratio Lower Upper

76 100

44 26.1 15.0 22.6#

78 11.1 7.8 11.6





#28

Methyl tert-Butyl Ether

Concen: 0.879 ppbv

RT: 5.06

Instrument: MSVOA_1

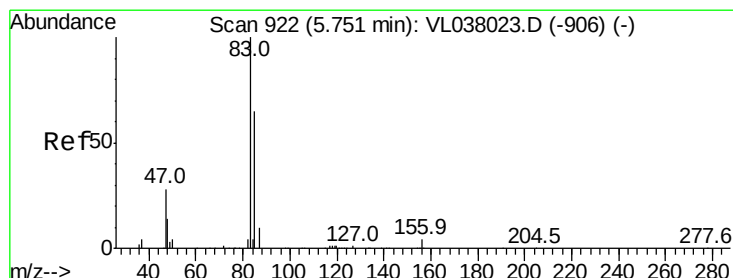
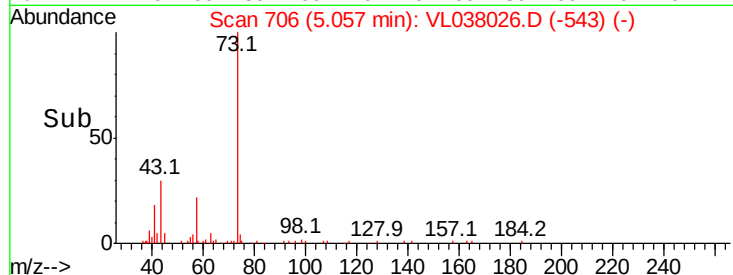
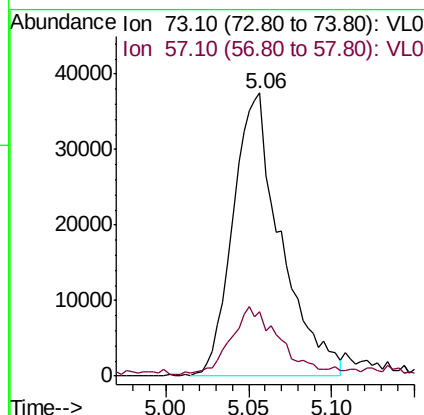
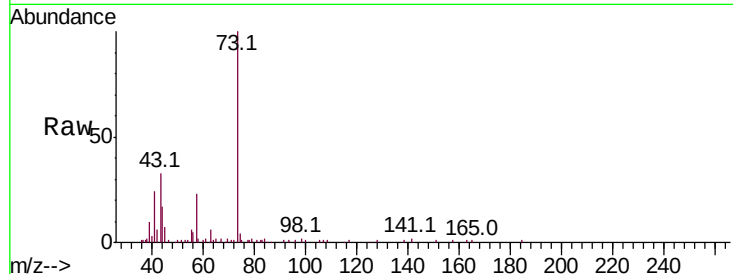
Delta R.T.:

Lab File: ClientSampleId:

Acq: 16 Nov 2021 3:43

Tot Ion: 73 Resp: 75227

Ion	Ratio	Lower	Upper
73	100		
57	26.2	19.1	28.7



#29

Chloroform

Concen: 0.546 ppbv

RT: 5.75 min Scan# 922

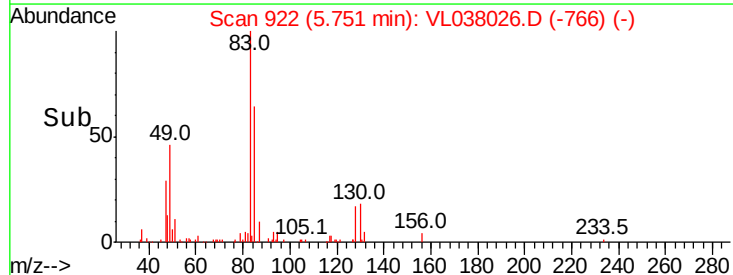
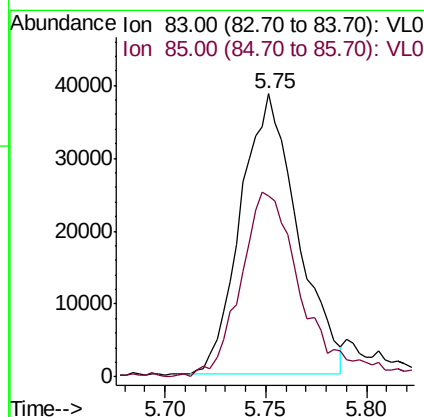
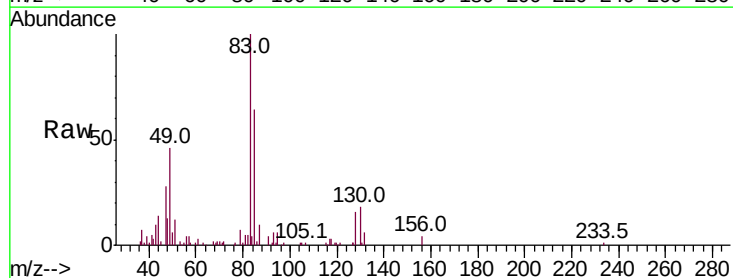
Delta R.T. 0.00 min

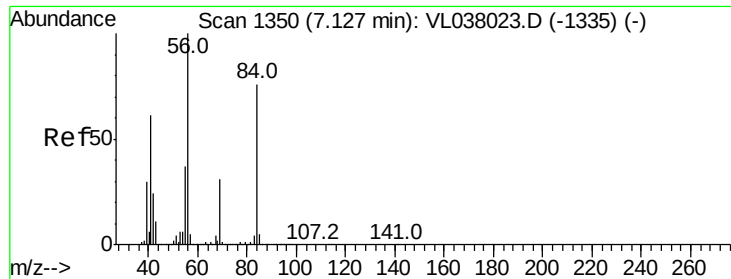
Lab File: VL038026.D

Acq: 16 Nov 2021 3:43

Tgt Ion: 83 Resp: 75822

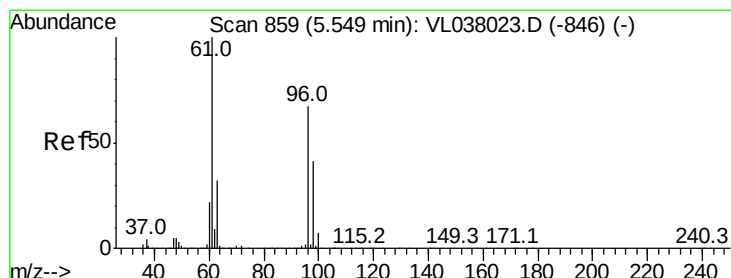
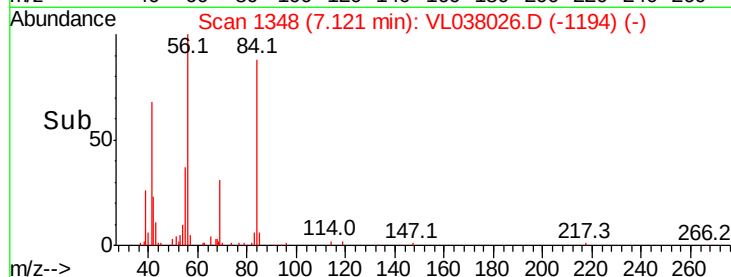
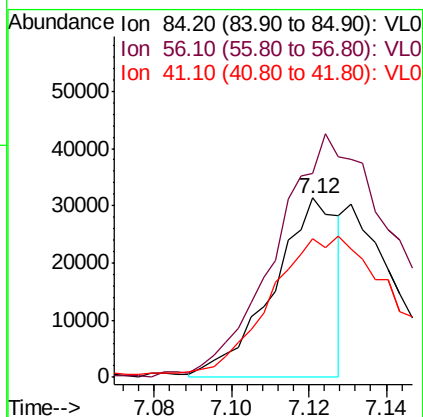
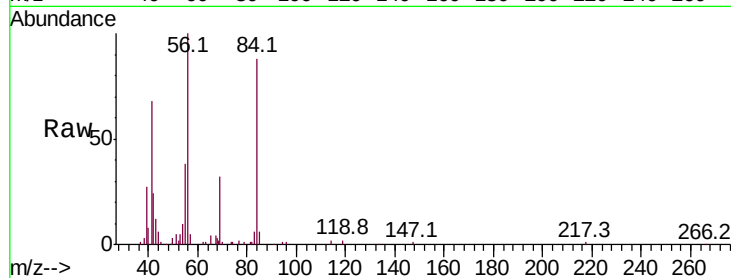
Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.1	78.1





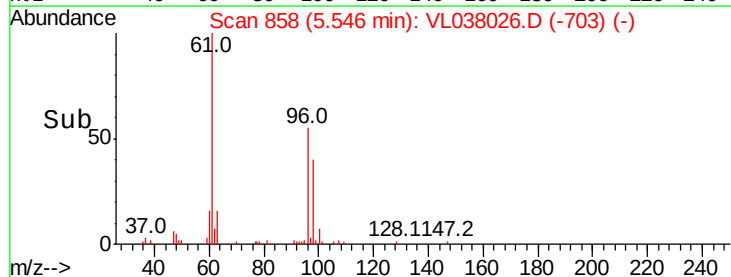
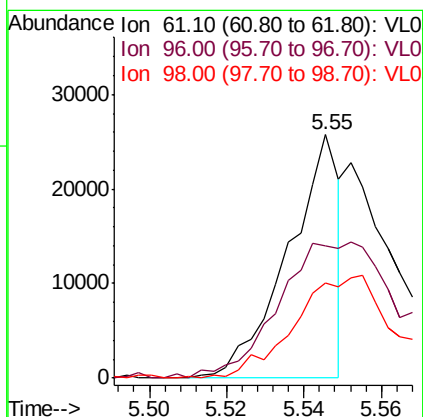
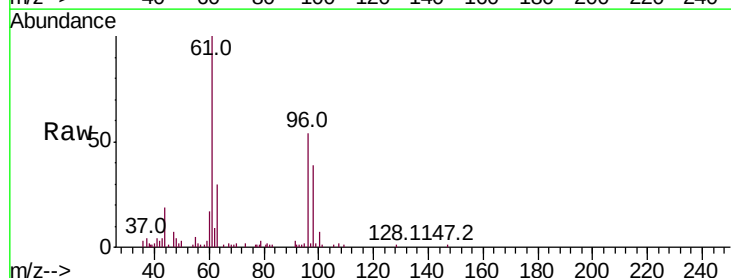
#30
Cvclohexane
Concen: 0.442 ppbv
RT: 7.12
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 16 Nov 2021 3:43

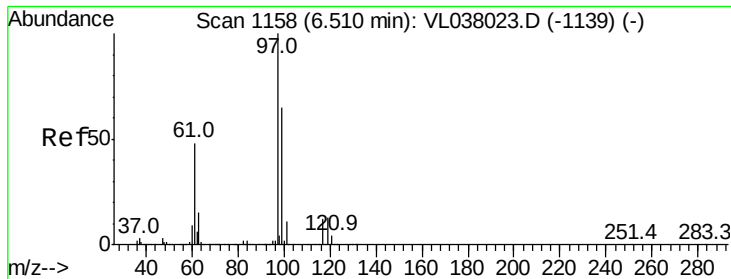
Tot Ion	Ratio	Lower	Upper
84	100		
56	0.0	109.4	164.2#
41	0.0	65.8	98.6#



#31
cis-1,2-Dichloroethene
Concen: 0.291 ppbv
RT: 5.55 min Scan# 858
Delta R.T.: -0.00 min
Lab File: VL038026.D
Acq: 16 Nov 2021 3:43

Tgt Ion	Ratio	Lower	Upper
61	100		
96	54.1	53.9	80.9
98	38.0	32.8	49.2





#32

1,1,1-Trichloroethane

Concen: 0.795 ppbv

RT: 6.51 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 16 Nov 2021 3:43

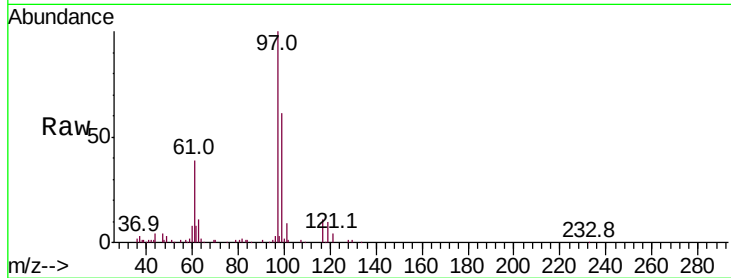
Tot Ion: 97 Resp: 110294

Ion Ratio Lower Upper

97 100

99 65.0 51.9 77.9

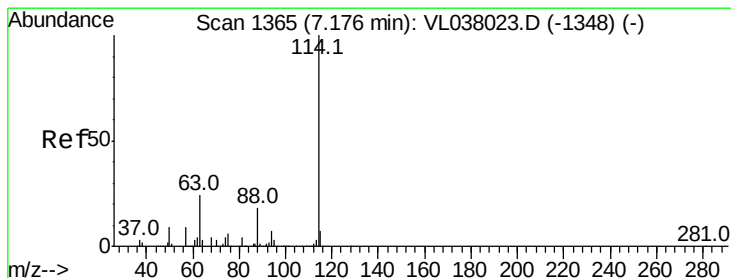
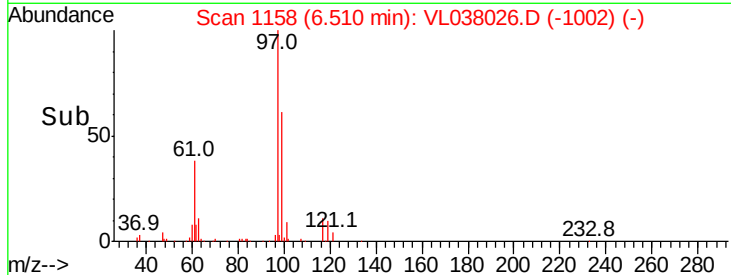
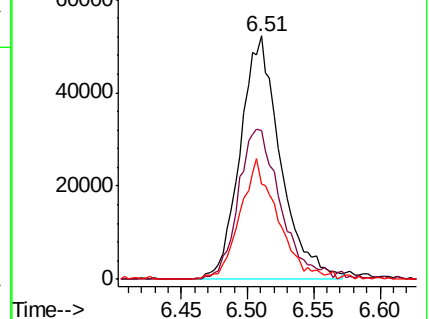
61 47.3 37.9 56.9



Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 99.00 (98.70 to 99.70): VL0

Ion 61.10 (60.80 to 61.80): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1363

Delta R.T. -0.01 min

Lab File: VL038026.D

Acq: 16 Nov 2021 3:43

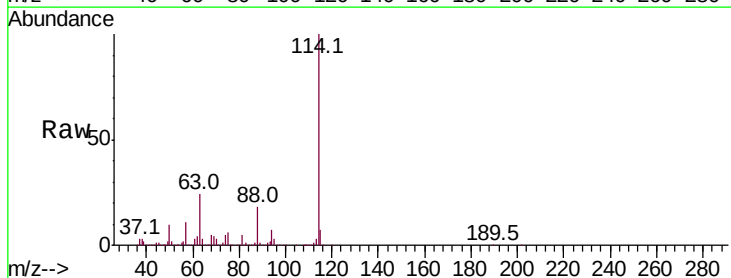
Tgt Ion: 114 Resp: 3096663

Ion Ratio Lower Upper

114 100

63 24.1 19.8 29.6

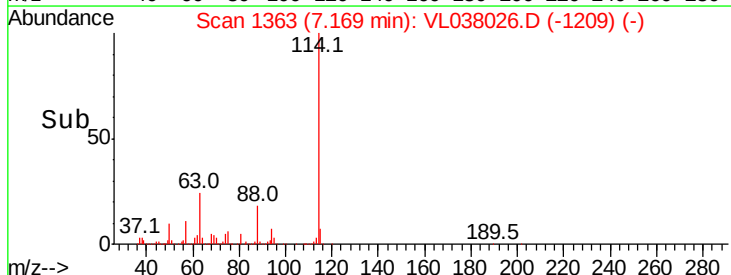
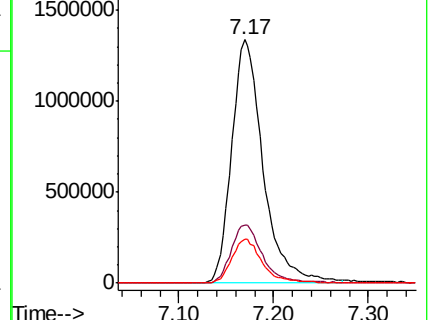
88 18.0 14.6 21.8

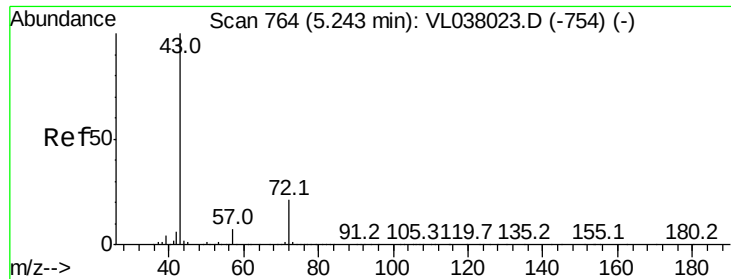


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

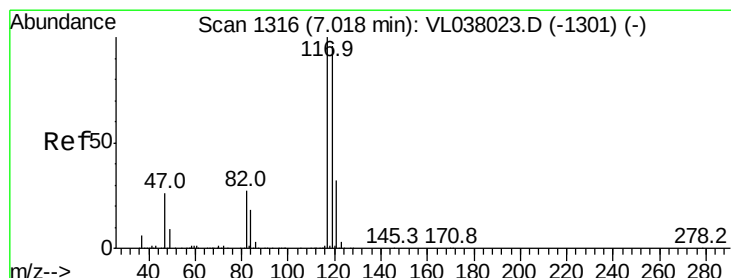
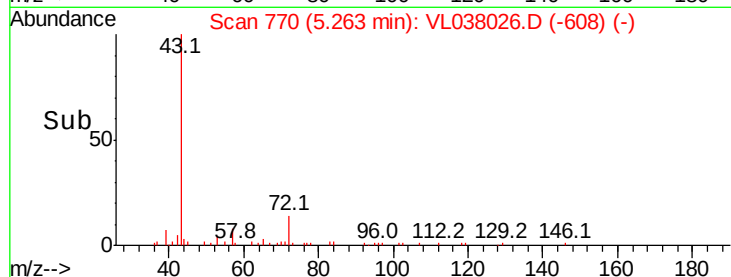
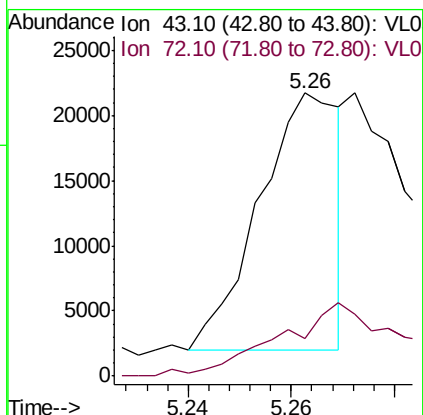
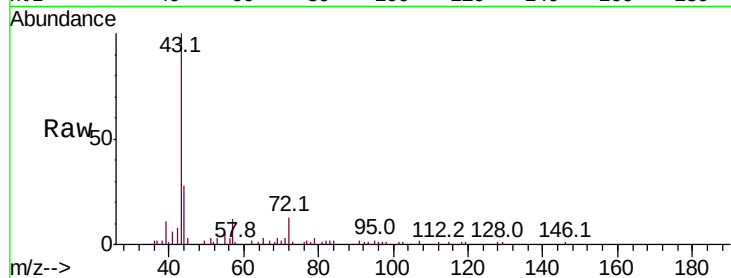
Ion 88.10 (87.80 to 88.80): VL0





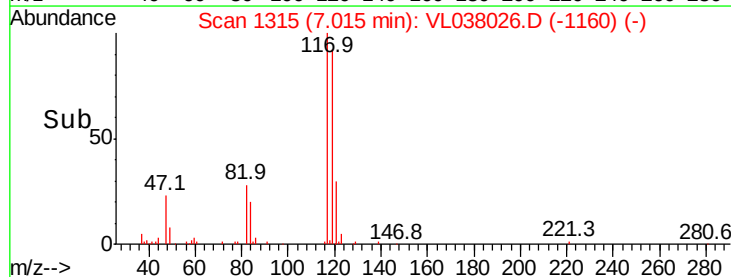
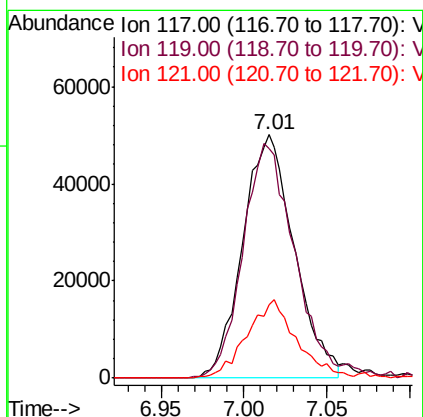
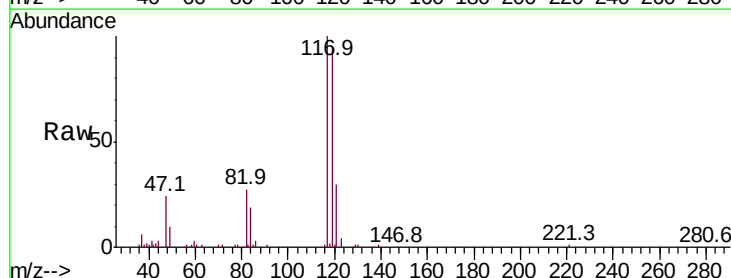
#34
2-Butanone
Concen: 0.191 ppbv
RT: 5.26
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 16 Nov 2021 3:43

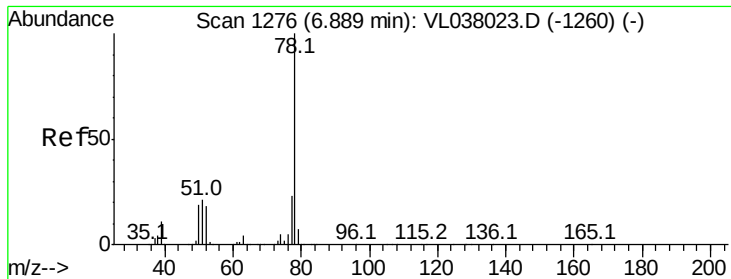
Tot Ion: 43 Resp: 21290
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.4#



#35
Carbon Tetrachloride
Concen: 0.571 ppbv
RT: 7.01 min Scan# 1315
Delta R.T. -0.00 min
Lab File: VL038026.D
Acq: 16 Nov 2021 3:43

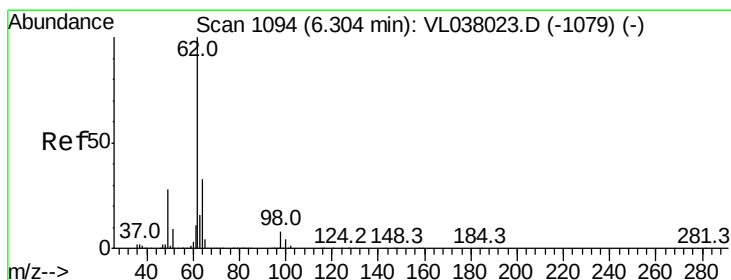
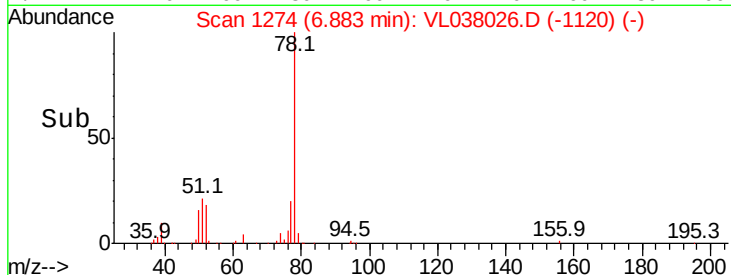
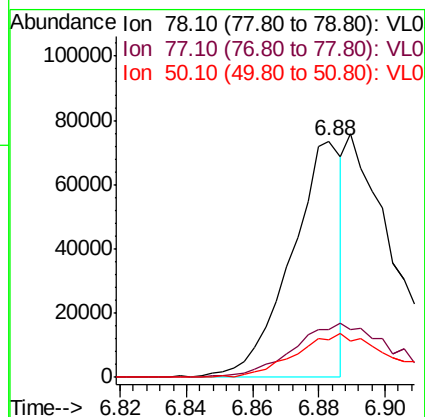
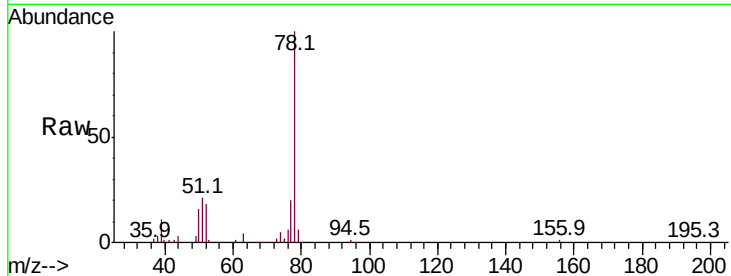
Tgt Ion: 117 Resp: 108337
Ion Ratio Lower Upper
117 100
119 94.2 76.5 114.7
121 30.0 25.3 37.9





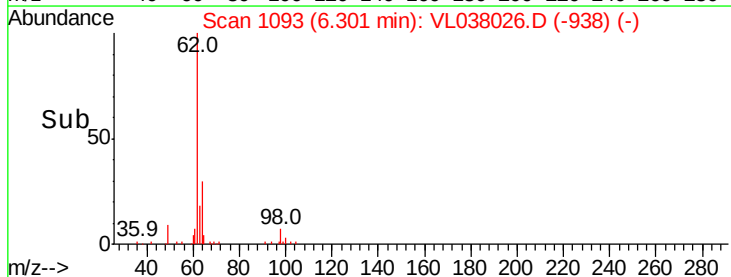
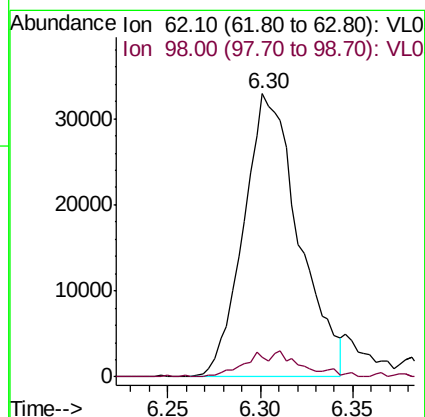
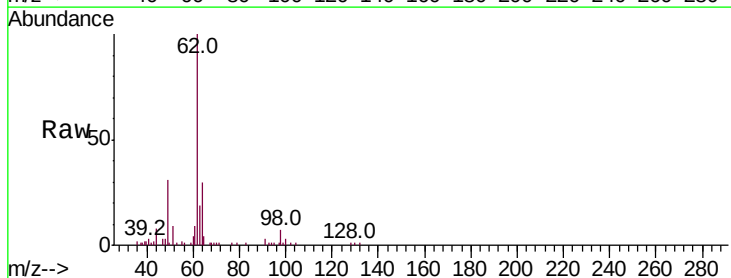
#36
Benzene
Concen: 0.305 ppbv
RT: 6.88
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
Acq: 16 Nov 2021 3:43

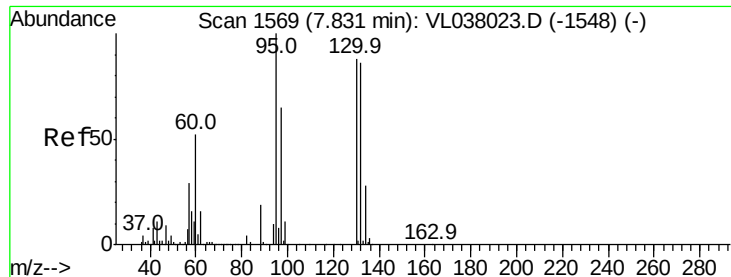
Tot Ion:	78	Resp:	78042
Ion	Ratio	Lower	Upper
78	100		
77	19.9	18.8	28.2
50	16.0	14.9	22.3



#37
1,2-Dichloroethane
Concen: 0.559 ppbv
RT: 6.30 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VL038026.D
Acq: 16 Nov 2021 3:43

Tgt Ion:	62	Resp:	68278
Ion	Ratio	Lower	Upper
62	100		
98	9.3	5.9	8.9#





#38

Trichloroethene

Concen: 0.542 ppbv

RT: 7.83

Instrument: MSVOA_1

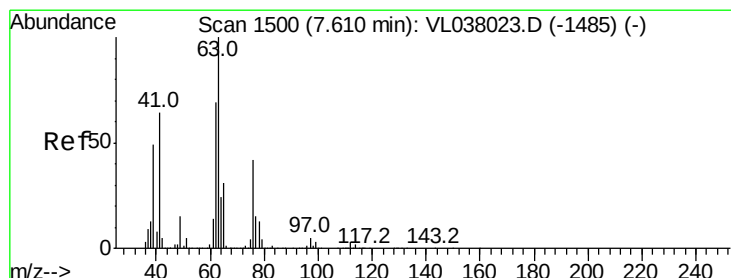
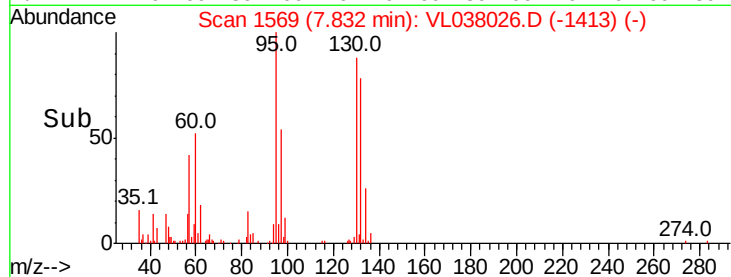
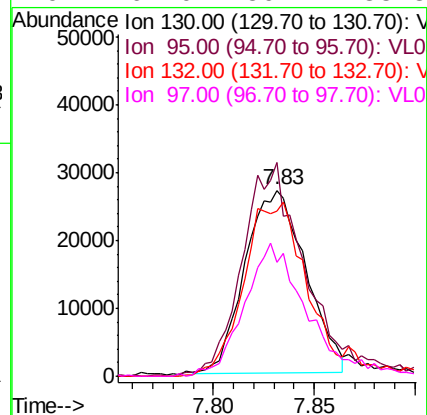
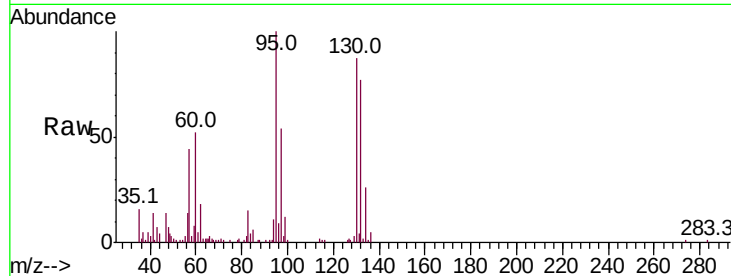
Delta R.T.:

Lab File: ClientSampleId:

Acq: 16 Nov 2021 3:43

Tot Ion:130 Resp: 56786

Ion	Ratio	Lower	Upper
130	100		
95	115.0	90.5	135.7
132	89.9	77.4	116.0
97	62.0	59.2	88.8



#39

1,2-Dichloropropane

Concen: 0.645 ppbv

RT: 7.61 min Scan# 1499

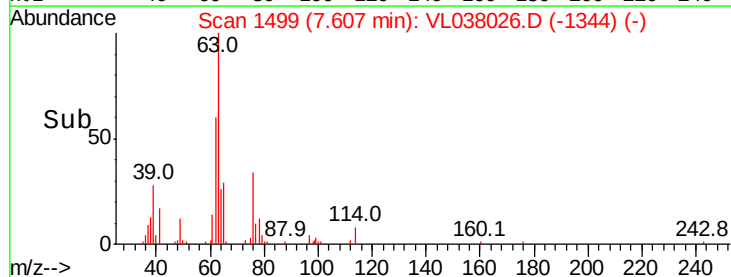
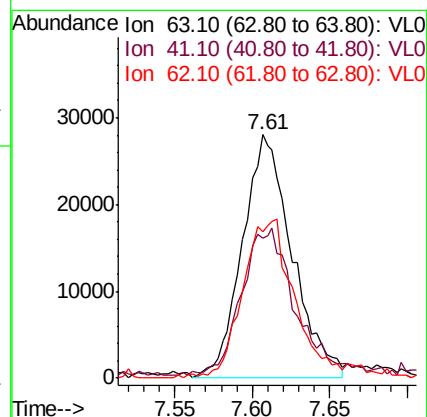
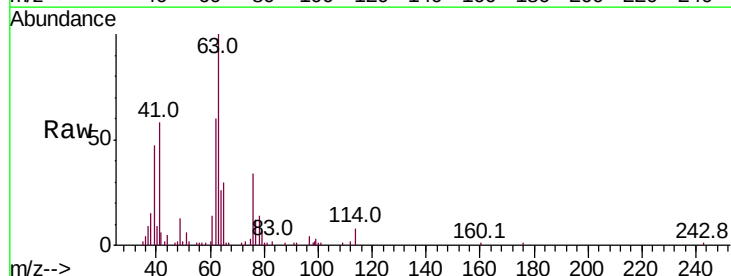
Delta R.T. -0.00 min

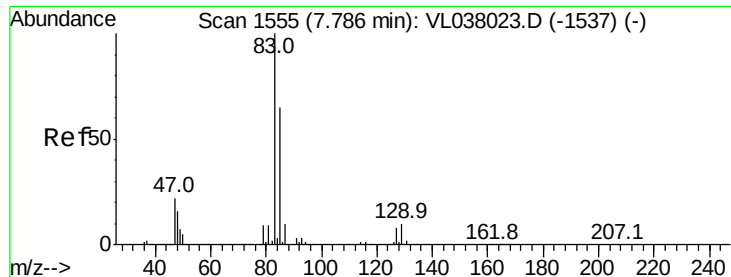
Lab File: VL038026.D

Acq: 16 Nov 2021 3:43

Tgt Ion: 63 Resp: 62817

Ion	Ratio	Lower	Upper
63	100		
41	52.9	51.1	76.7
62	58.3	55.2	82.8





#42

Bromodichloromethane

Concen: 0.597 ppbv

RT: 7.78 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Nov 2021 3:43

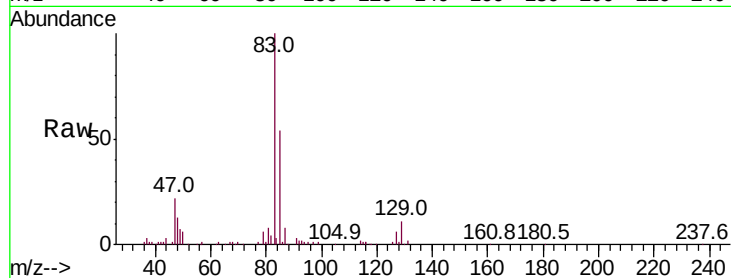
Tot Ion: 83 Resp: 110931

Ion Ratio Lower Upper

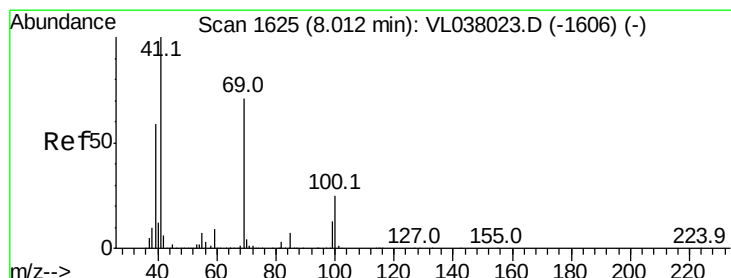
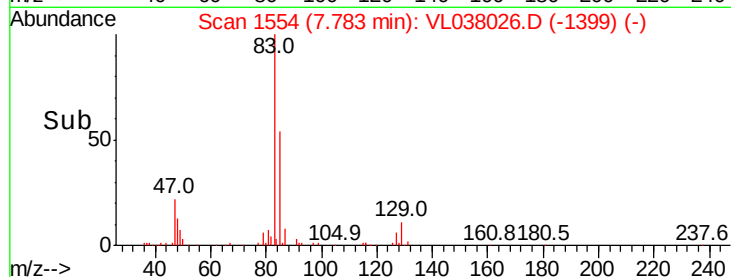
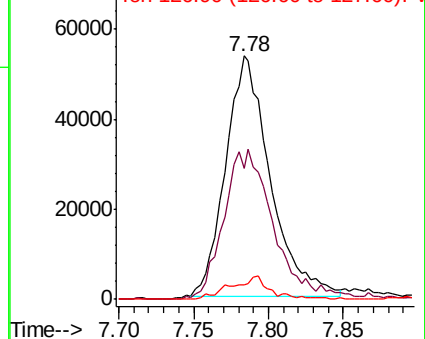
83 100

85 53.7 51.6 77.4

127 6.1 6.6 10.0#



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): VL0



#43

Methyl Methacrylate

Concen: 0.631 ppbv

RT: 8.02 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VL038026.D

Acq: 16 Nov 2021 3:43

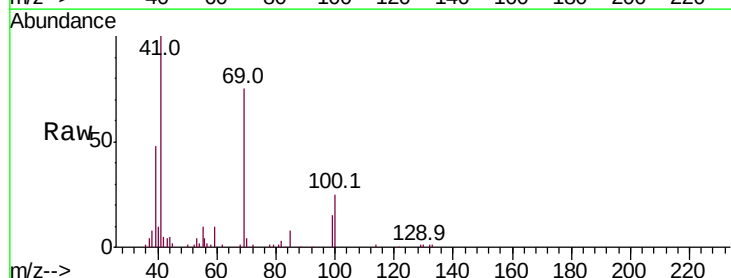
Tgt Ion: 69 Resp: 53572

Ion Ratio Lower Upper

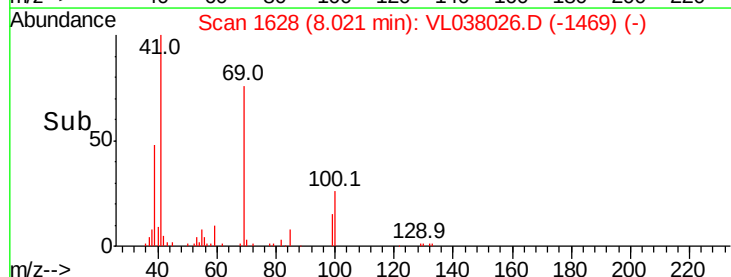
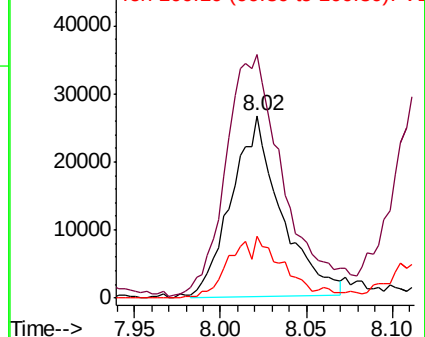
69 100

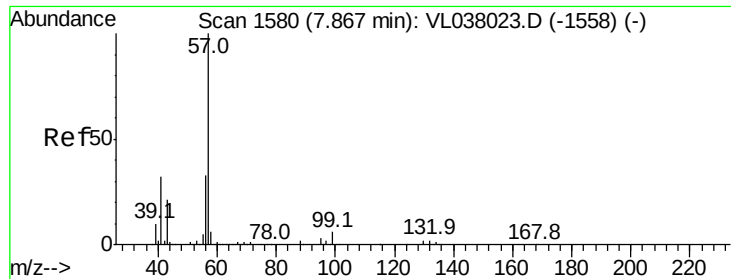
41 150.9 116.1 174.1

100 38.2 27.1 40.7



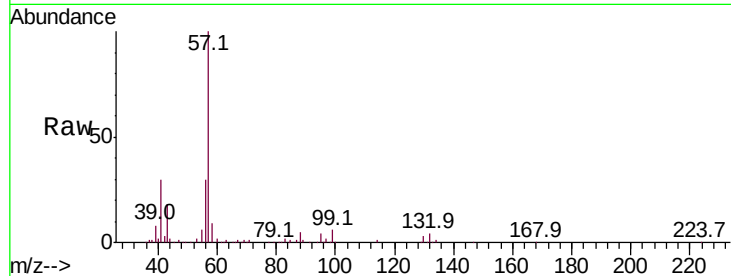
Abundance Ion 69.10 (68.80 to 69.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 100.10 (99.80 to 100.80): VL0



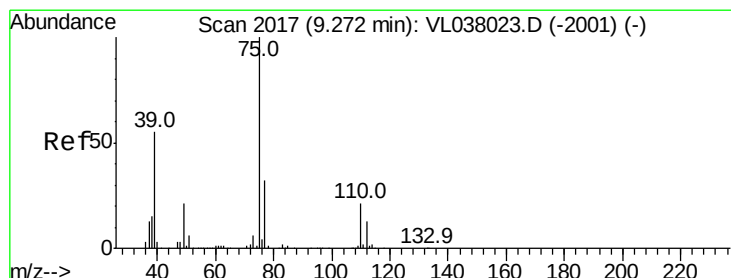
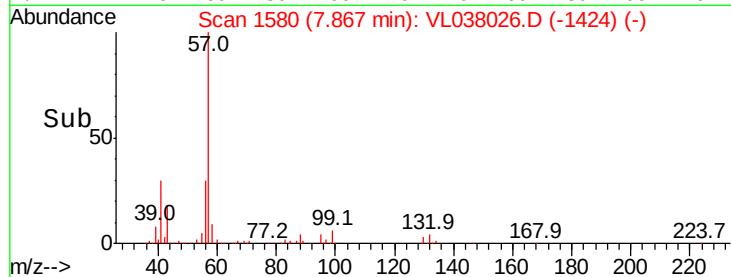
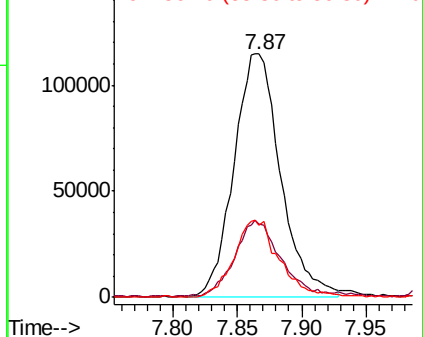


#44
 2,2,4-Trimethylpentane
 Concen: 0.665 ppbv
 RT: 7.87
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 3:43

Tot Ion	57	Resp	287946
Ion Ratio	100	Lower	Upper
57	100		
41	30.7	26.3	39.5
56	31.4	25.6	38.4

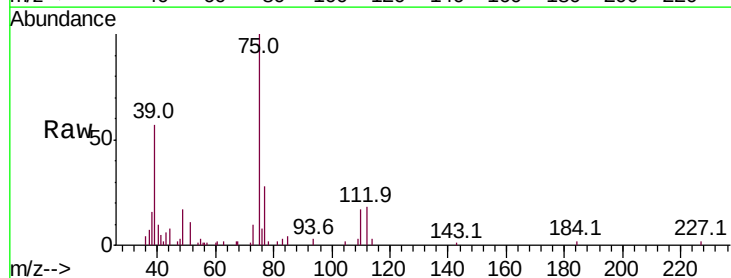


Abundance Ion 57.10 (56.80 to 57.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 56.10 (55.80 to 56.80): VL0

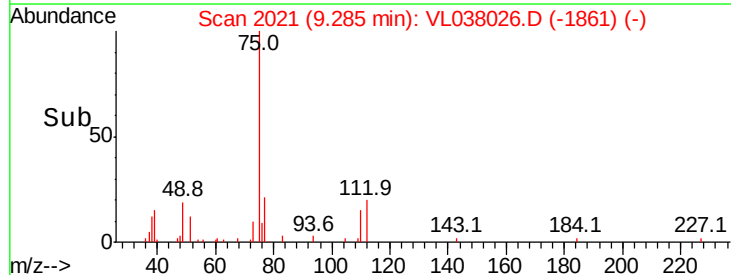
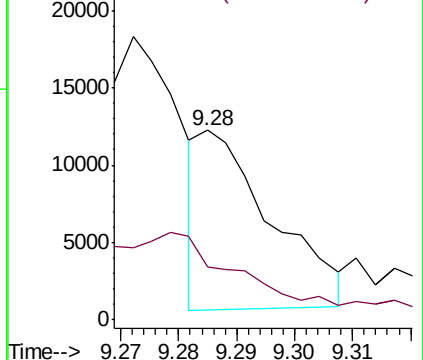


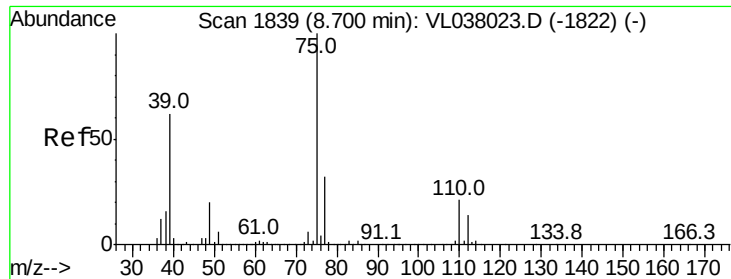
#45
 t-1,3-Dichloropropene
 Concen: 0.155 ppbv
 RT: 9.28 min Scan# 2021
 Delta R.T. 0.01 min
 Lab File: VL038026.D
 Acq: 16 Nov 2021 3:43

Tgt Ion	75	Resp	10000
Ion Ratio	100	Lower	Upper
75	100		
77	28.1	25.6	38.4



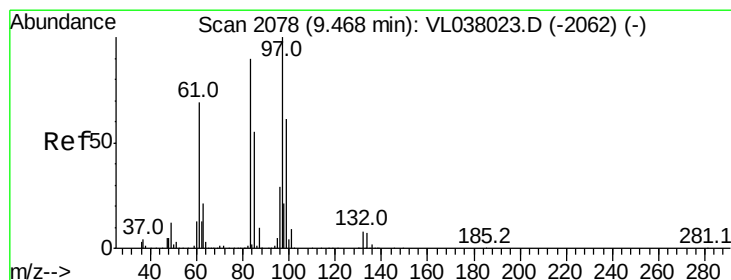
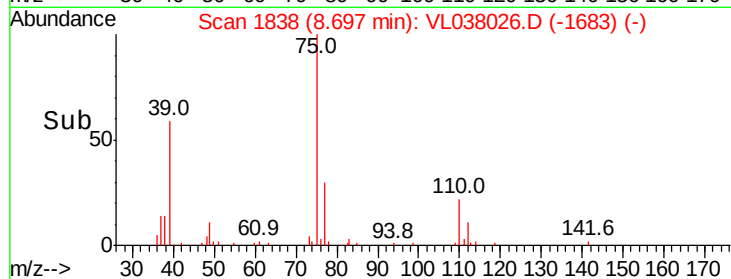
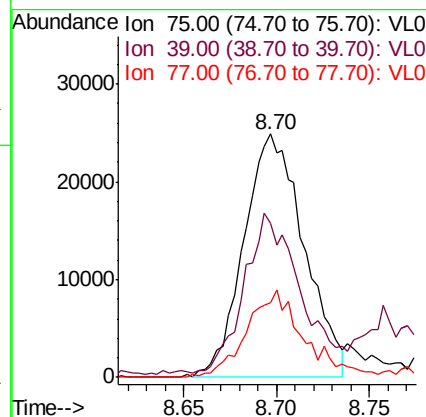
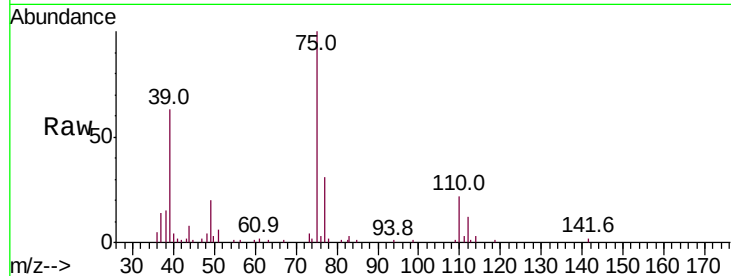
Abundance Ion 75.10 (74.80 to 75.80): VL0
 Ion 77.10 (76.80 to 77.80): VL0





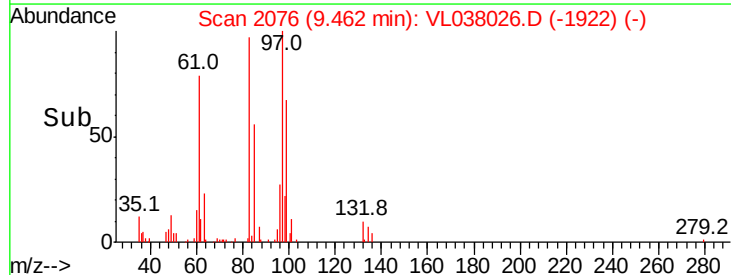
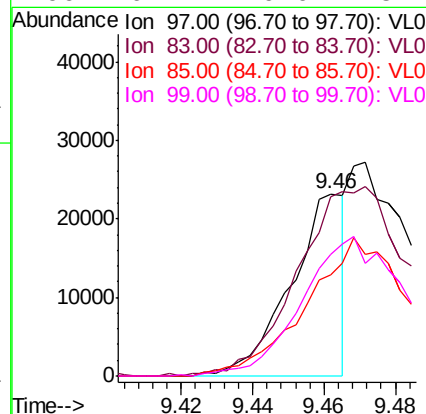
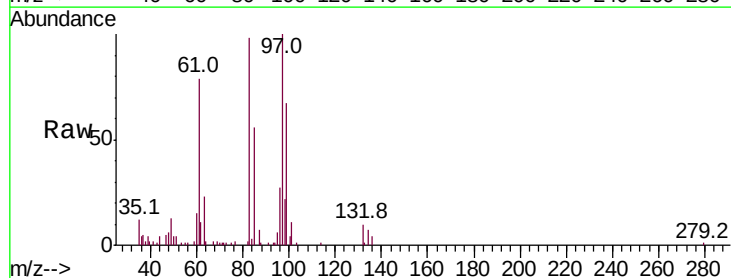
#46
 cis-1,3-Dichloropropene
 Concen: 0.650 ppbv
 RT: 8.70
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 3:43

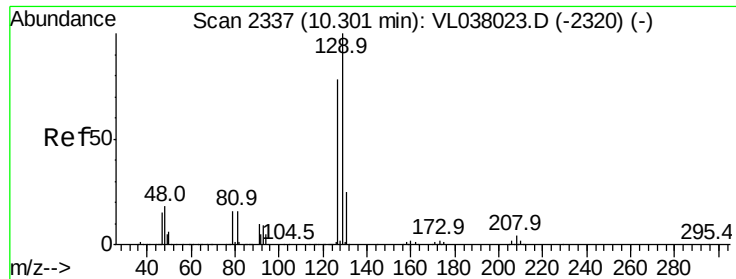
Tot Ion:	75	Resp:	56332
Ion	Ratio	Lower	Upper
75	100		
39	61.8	49.2	73.8
77	29.4	25.3	37.9



#47
 1,1,2-Trichloroethane
 Concen: 0.226 ppbv
 RT: 9.46 min Scan# 2076
 Delta R.T. -0.01 min
 Lab File: VL038026.D
 Acq: 16 Nov 2021 3:43

Tgt Ion:	97	Resp:	24335
Ion	Ratio	Lower	Upper
97	100		
83	96.9	72.2	108.4
85	55.7	43.8	65.8
99	67.1	49.0	73.4





#48

Dibromochloromethane

Concen: 0.624 ppbv

RT: 10.29

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

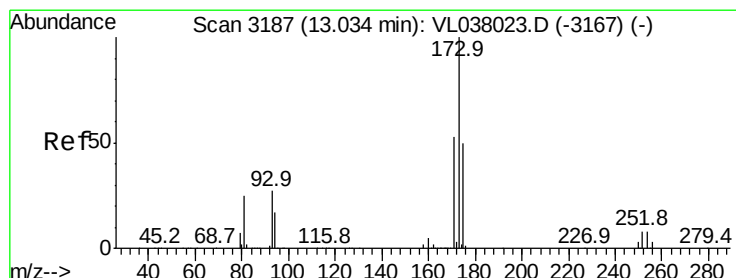
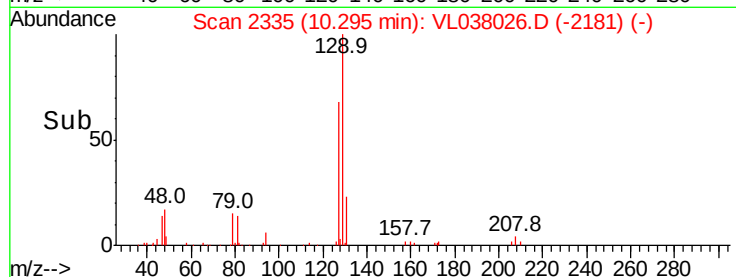
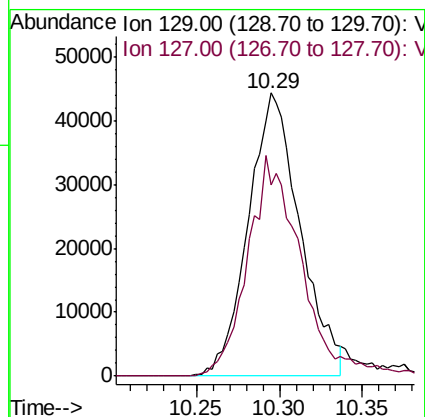
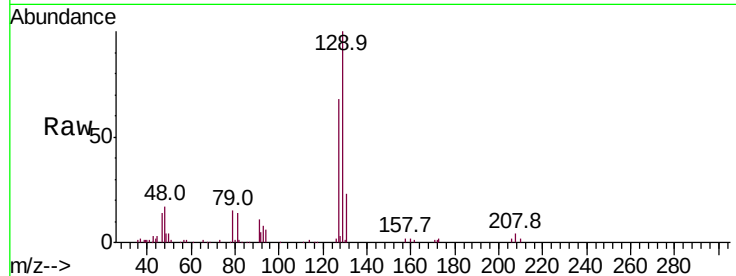
Acq: 16 Nov 2021 3:43

Tot Ion:129 Resp: 96254

Ion Ratio Lower Upper

129 100

127 79.8 39.8 119.3



#49

Bromoform

Concen: 0.607 ppbv

RT: 13.03 min Scan# 3187

Delta R.T. 0.00 min

Lab File: VL038026.D

Acq: 16 Nov 2021 3:43

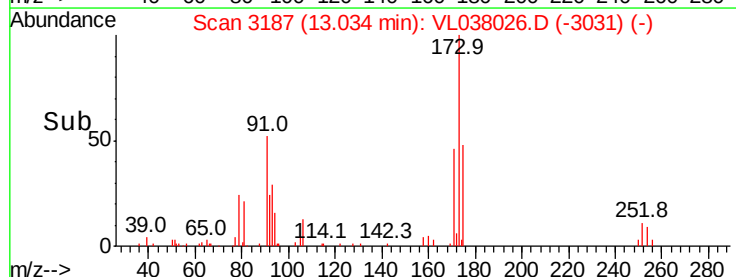
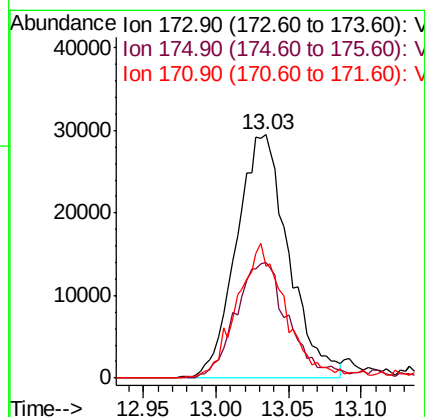
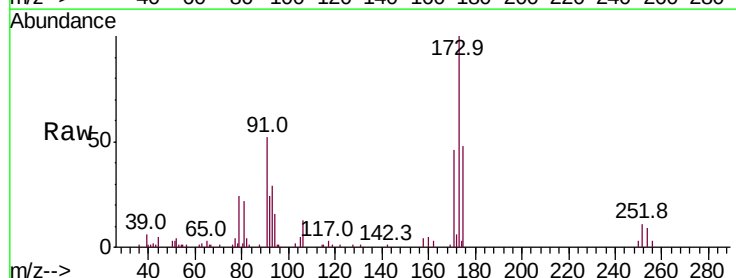
Tgt Ion:173 Resp: 73588

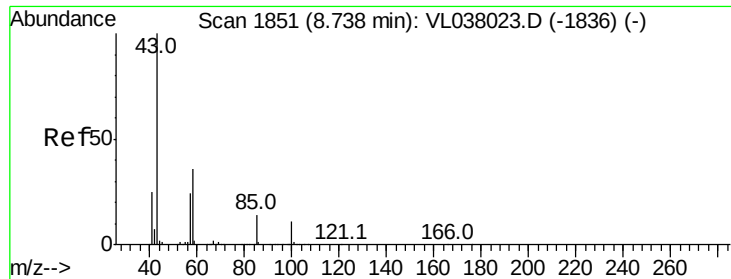
Ion Ratio Lower Upper

173 100

175 51.5 41.5 62.3

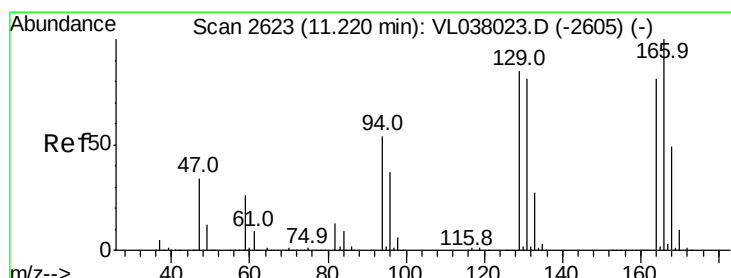
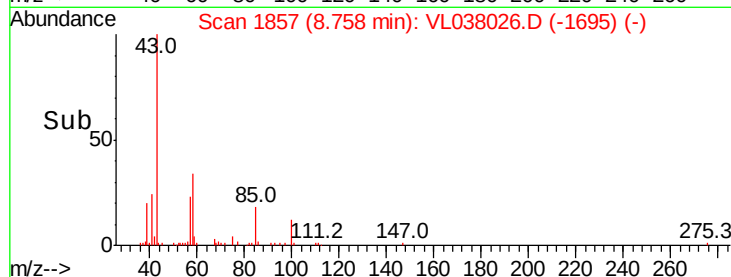
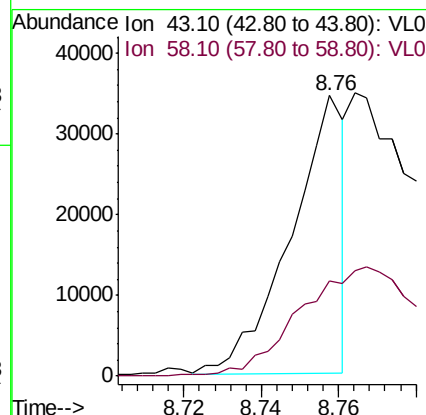
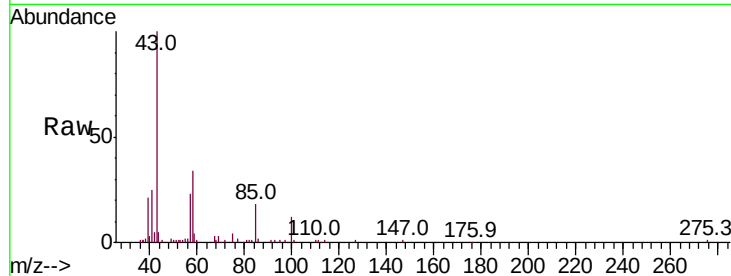
171 52.5 43.7 65.5





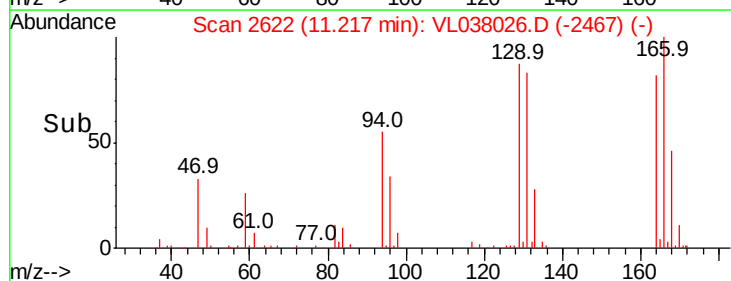
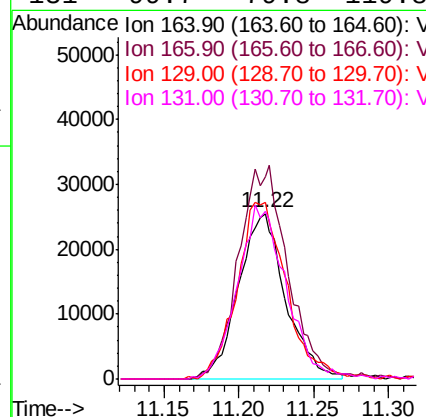
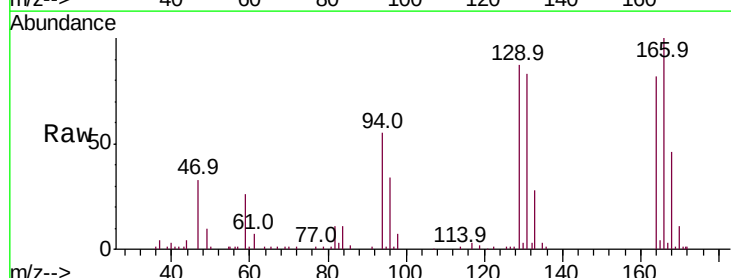
#50
4-Methyl-2-Pentanone
Concen: 0.216 ppbv
RT: 8.76
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
Acq: 16 Nov 2021 3:43

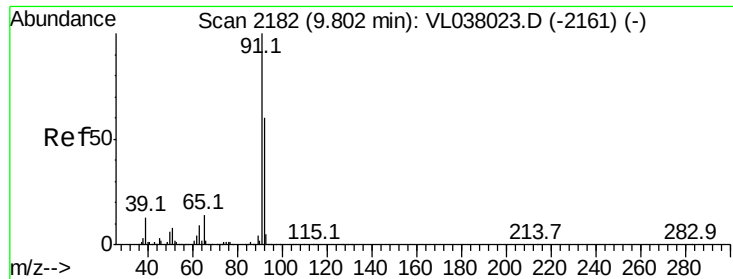
Tot Ion: 43 Resp: 33142
Ion Ratio Lower Upper
43 100
58 0.0 29.8 44.6#



#52
Tetrachloroethene
Concen: 0.584 ppbv
RT: 11.22 min Scan# 2622
Delta R.T. -0.00 min
Lab File: VL038026.D
Acq: 16 Nov 2021 3:43

Tgt Ion: 164 Resp: 56010
Ion Ratio Lower Upper
164 100
166 121.6 98.6 148.0
129 105.6 84.1 126.1
131 99.7 79.8 119.8





#53

Toluene

Concen: 0.359 ppbv

RT: 9.80 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

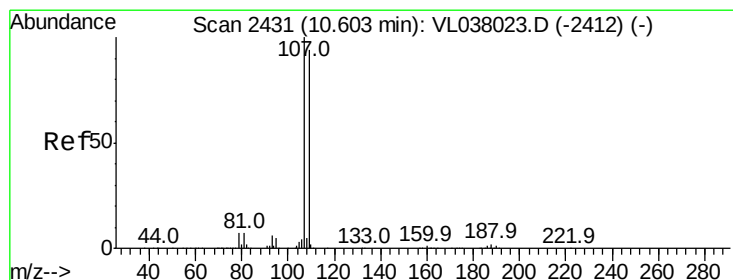
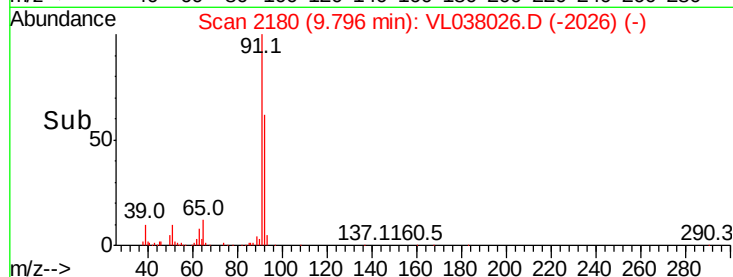
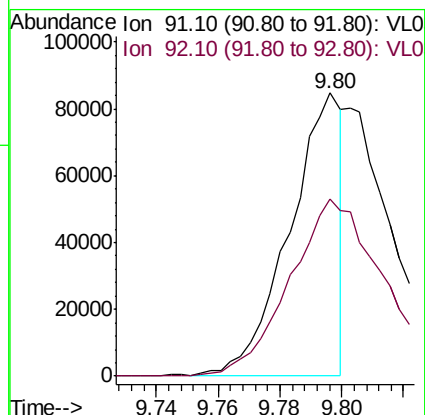
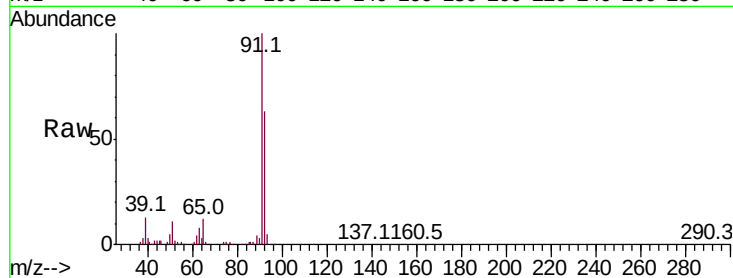
Acq: 16 Nov 2021 3:43

Tot Ion: 91 Resp: 98570

Ion Ratio Lower Upper

91 100

92 118.7 49.4 74.2#



#54

1,2-Dibromoethane

Concen: 0.577 ppbv

RT: 10.60 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VL038026.D

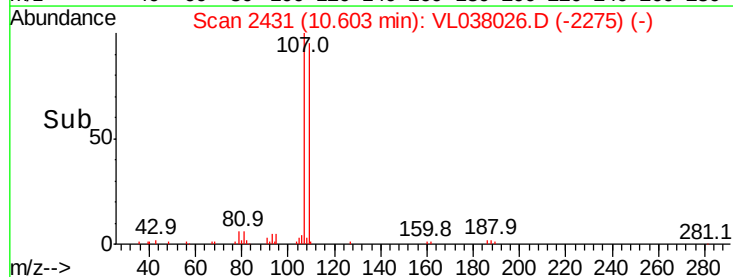
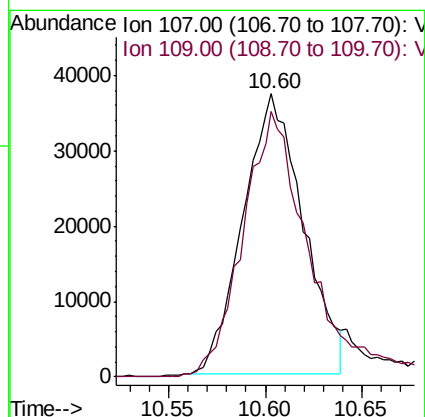
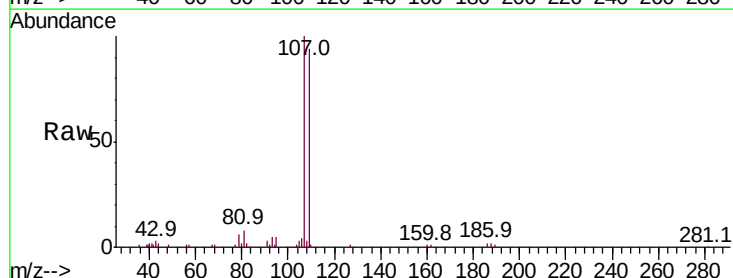
Acq: 16 Nov 2021 3:43

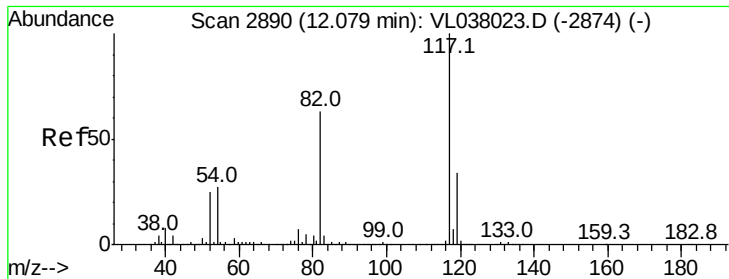
Tgt Ion: 107 Resp: 80560

Ion Ratio Lower Upper

107 100

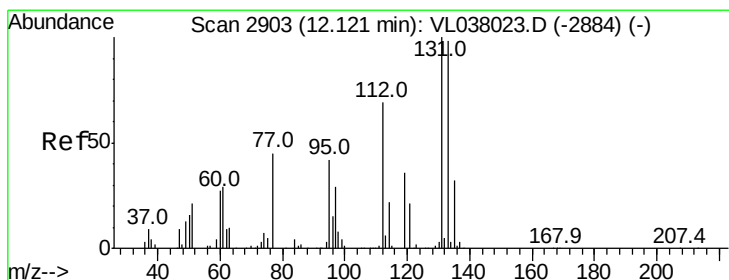
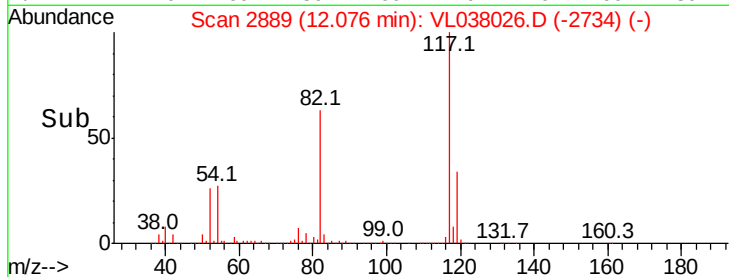
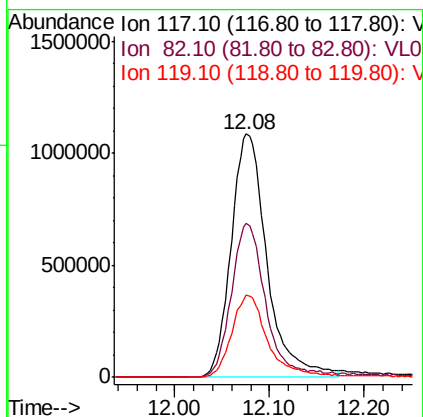
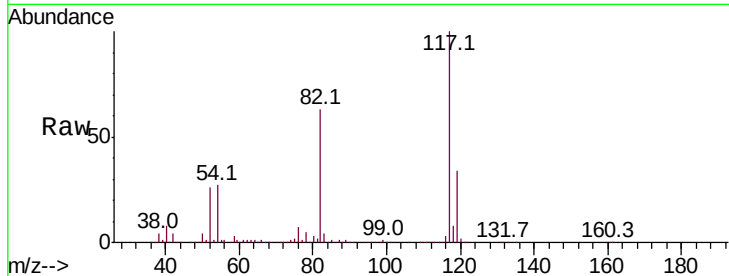
109 93.5 75.0 112.6





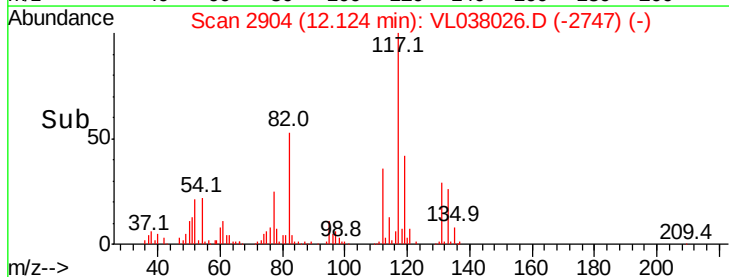
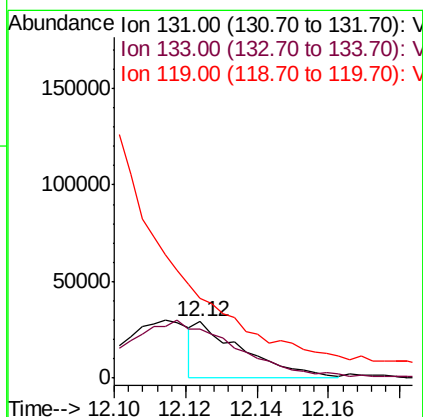
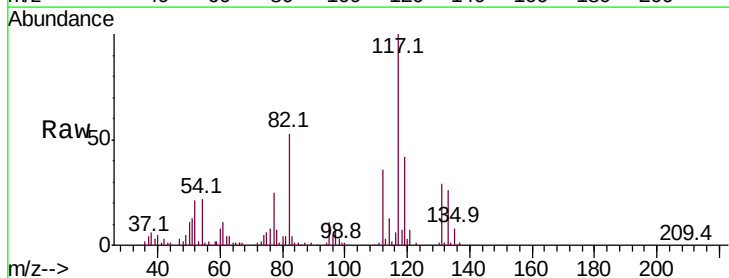
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 16 Nov 2021 3:43

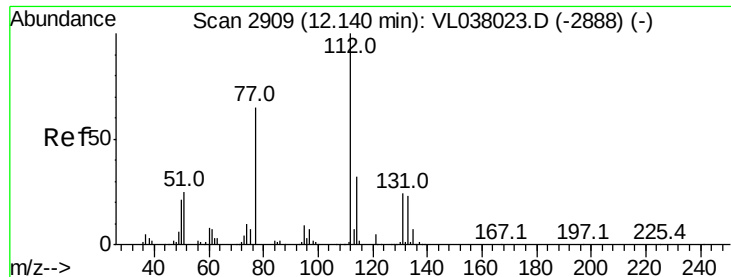
Tot Ion:117 Resp: 2865200
Ion Ratio Lower Upper
117 100
82 63.6 50.0 75.0
119 35.5 44.9 67.3#



#56
1,1,1,2-Tetrachloroethane
Concen: 0.238 ppbv
RT: 12.12 min Scan# 2904
Delta R.T.: 0.00 min
Lab File: VL038026.D
Acq: 16 Nov 2021 3:43

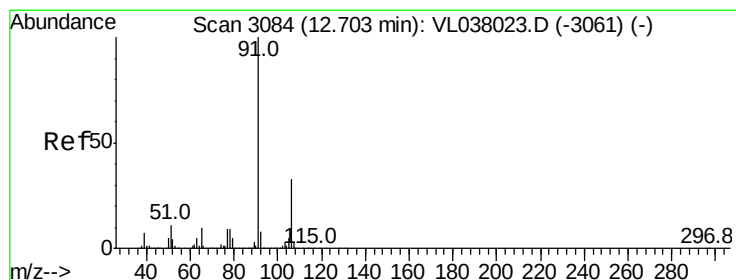
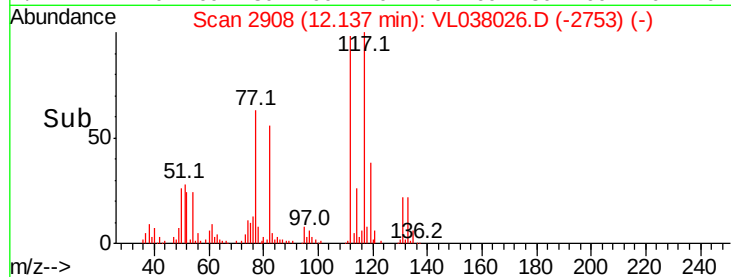
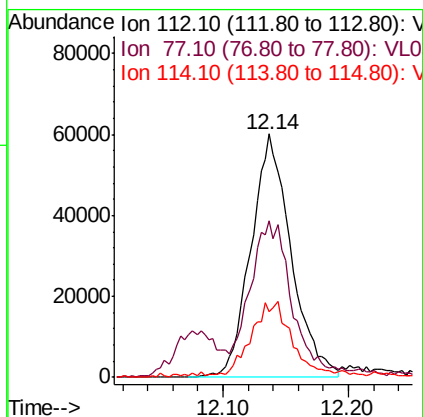
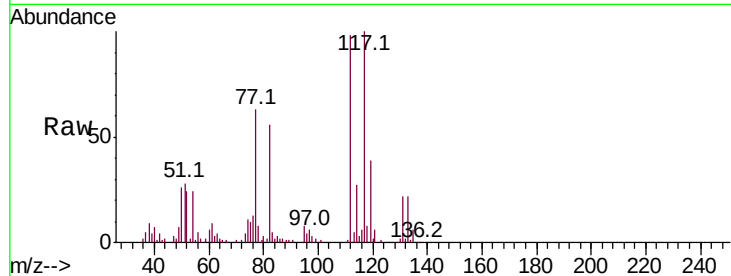
Tgt Ion:131 Resp: 27424
Ion Ratio Lower Upper
131 100
133 0.0 77.8 116.8#
119 0.0 121.1 181.7#





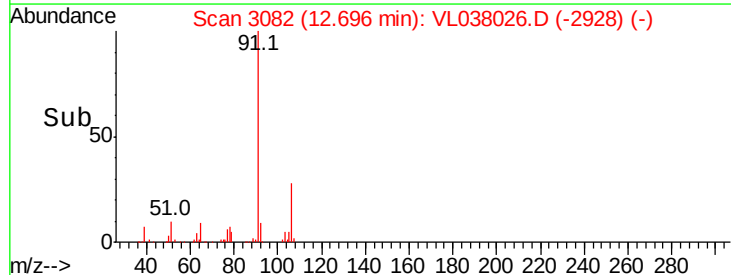
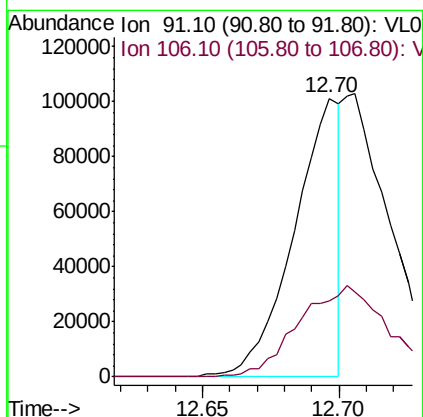
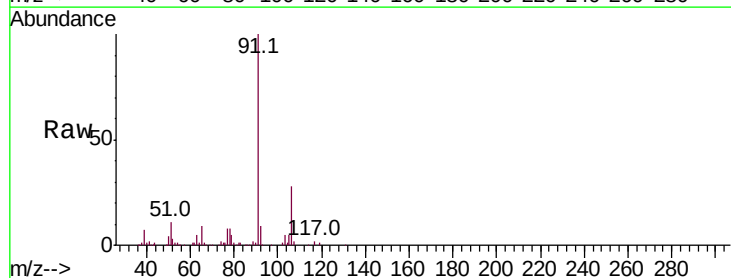
#57
Chlorobenzene
Concen: 0.591 ppbv
RT: 12.14 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 16 Nov 2021 3:43

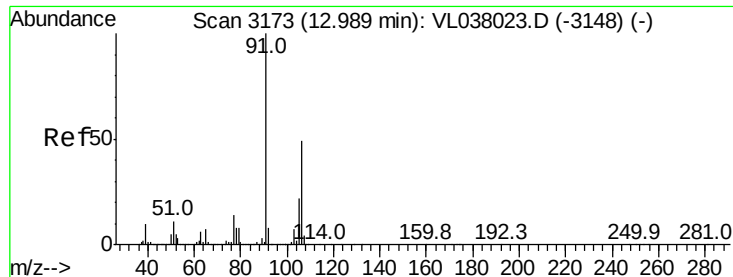
Tot Ion	Ratio	Lower	Upper
112	100		
77	60.9	52.1	78.1
114	26.3	29.1	35.5



#58
Ethyl Benzene
Concen: 0.336 ppbv
RT: 12.70 min Scan# 3082
Delta R.T. -0.01 min
Lab File: VL038026.D
Acq: 16 Nov 2021 3:43

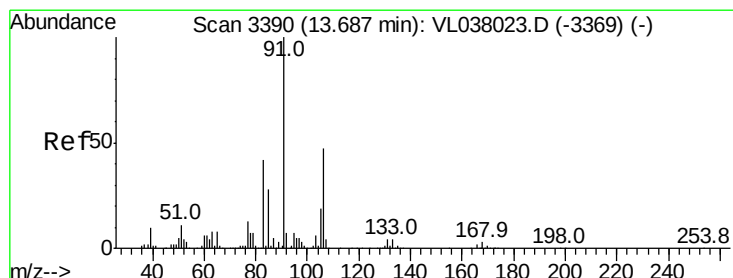
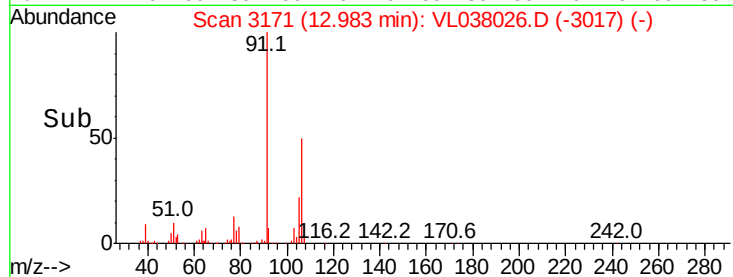
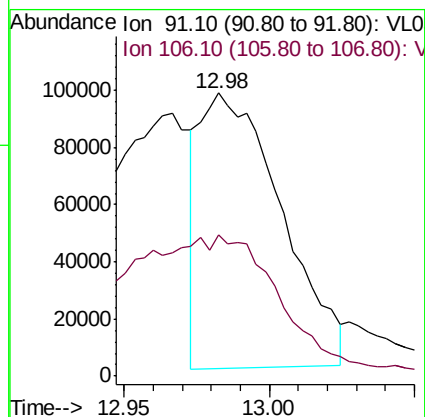
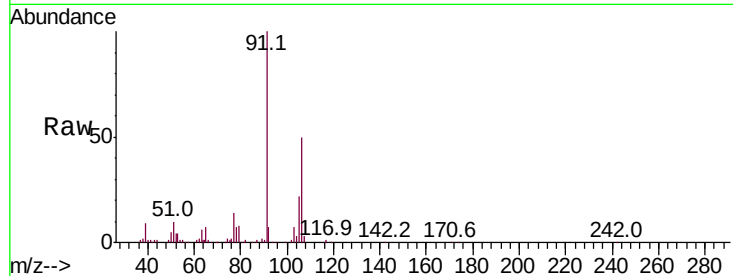
Tgt Ion	Ratio	Lower	Upper
91	100		
106	27.5	26.2	39.2





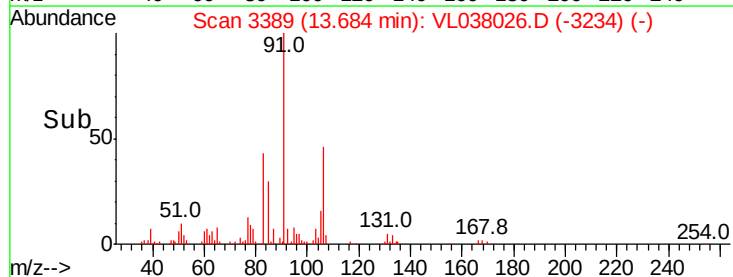
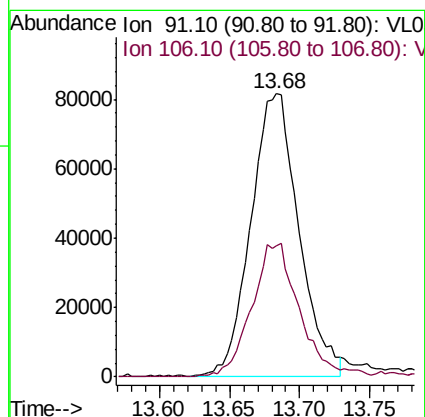
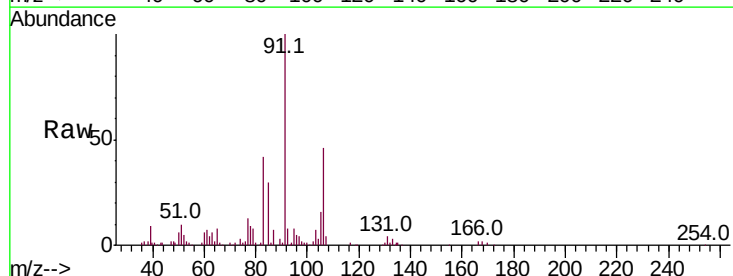
#59
m/p-Xylene
Concen: 0.607 ppbv
RT: 12.98 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 16 Nov 2021 3:43

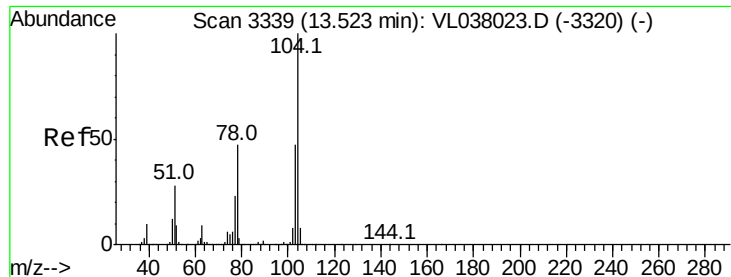
Tot Ion: 91 Resp: 187392
Ion Ratio Lower Upper
91 100
106 102.5 38.5 57.7#



#60
o-Xylene
Concen: 0.666 ppbv
RT: 13.68 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VL038026.D
Acq: 16 Nov 2021 3:43

Tgt Ion: 91 Resp: 193721
Ion Ratio Lower Upper
91 100
106 47.8 24.2 72.6





#61

Stvrene

Concen: 0.713 ppbv

RT: 13.52

Delta R.T. MSVOA_L

Lab File:

Acq: 16 Nov 2021 3:43

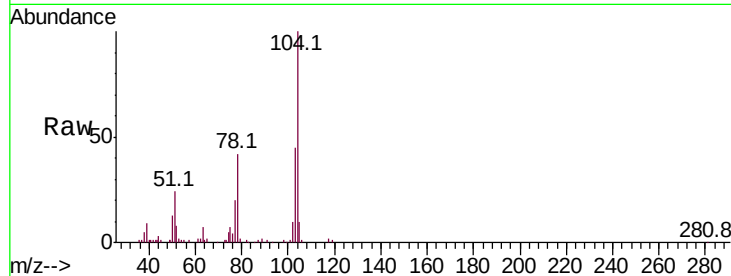
Tot Ion:104 Resp: 97719

Ion Ratio Lower Upper

104 100

78 54.8 38.7 58.1

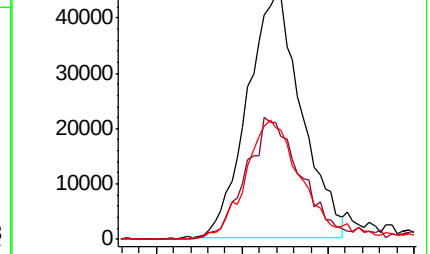
103 52.0 36.8 55.2



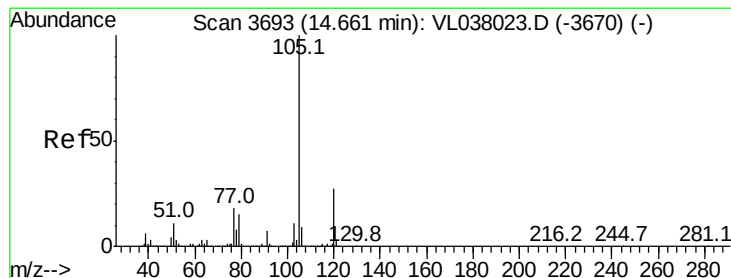
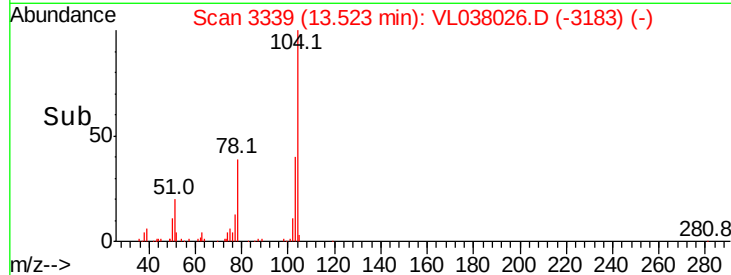
Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



Time-->



#62

Isopropylbenzene

Concen: 0.694 ppbv

RT: 14.66 min Scan# 3692

Delta R.T. -0.00 min

Lab File: VL038026.D

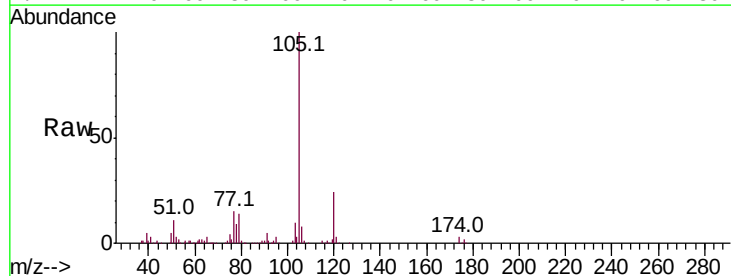
Acq: 16 Nov 2021 3:43

Tgt Ion:105 Resp: 288250

Ion Ratio Lower Upper

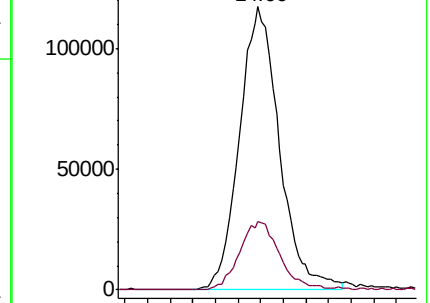
105 100

120 24.2 21.7 32.5

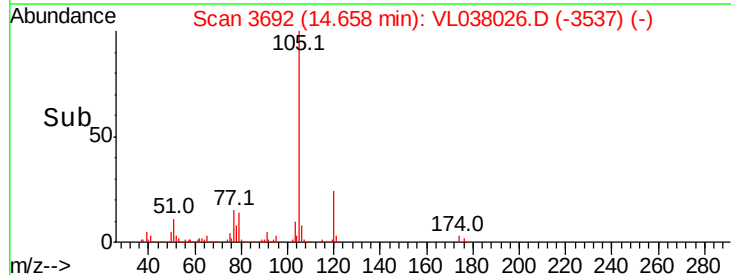


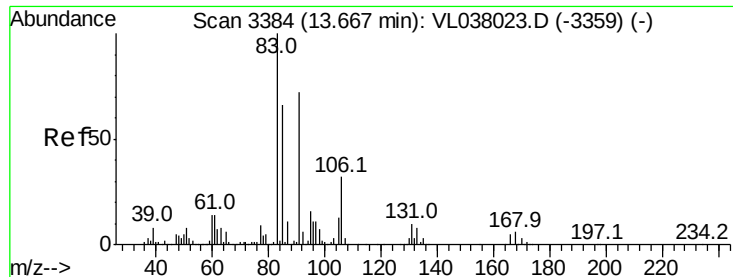
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



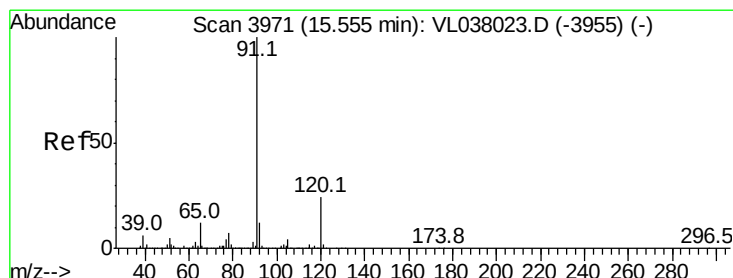
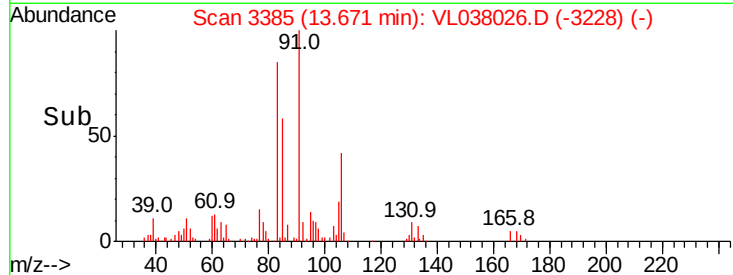
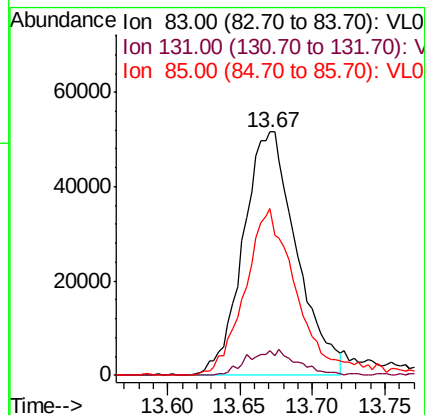
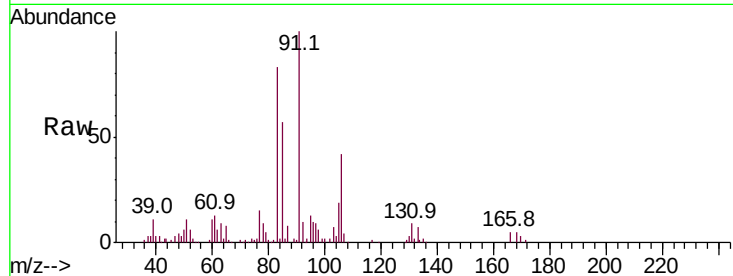
Time-->





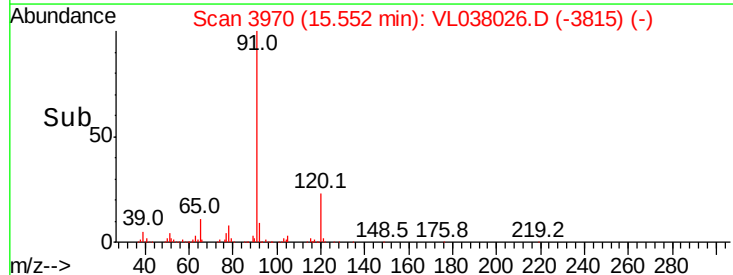
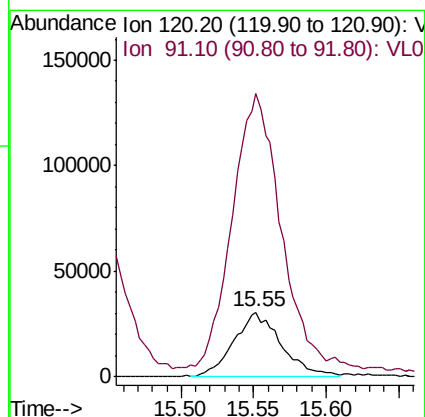
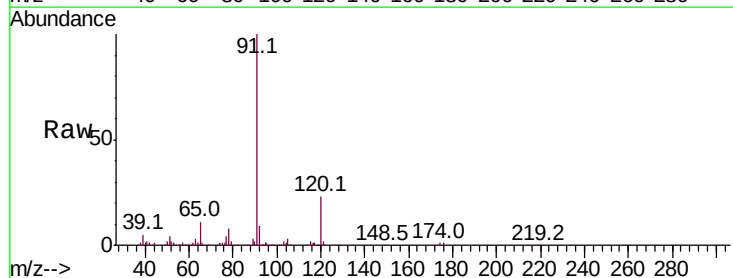
#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.527 ppbv
 RT: 13.67 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 3:43

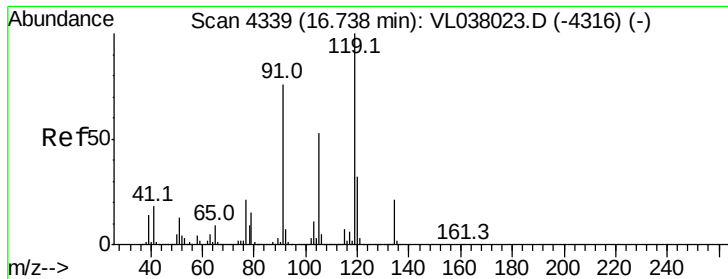
Tot Ion	83	131	85	Resp	131879	Lower	Upper
Ion Ratio	100	9.9	66.9				
		5.0	33.4				
		14.9	100.2				



#64
 n-propylbenzene
 Concen: 0.649 ppbv
 RT: 15.55 min Scan# 3970
 Delta R.T. -0.00 min
 Lab File: VL038026.D
 Acq: 16 Nov 2021 3:43

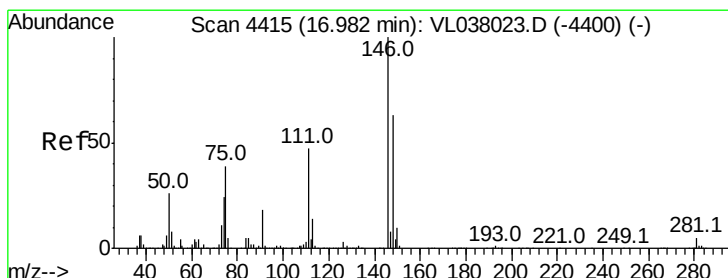
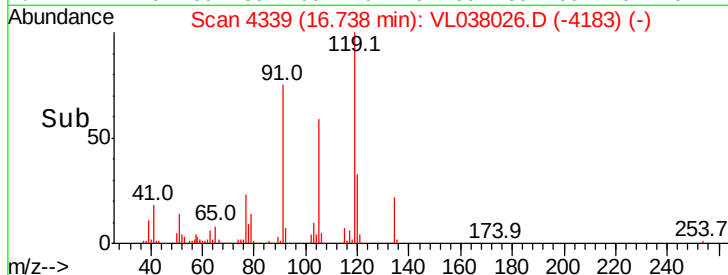
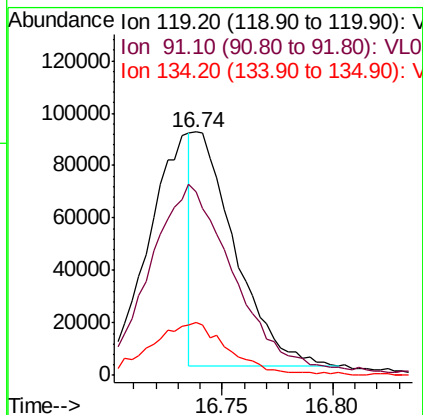
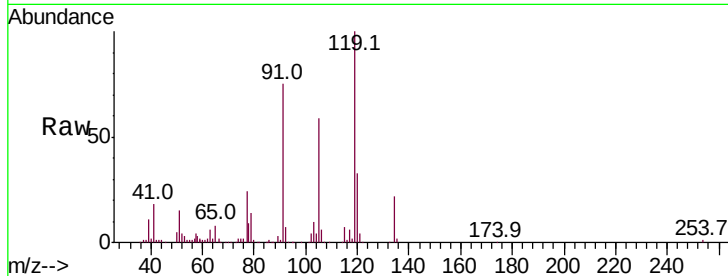
Tgt Ion	120	91	Resp	68579	Lower	Upper
Ion Ratio	100	492.3				
		367.4				
		551.0				





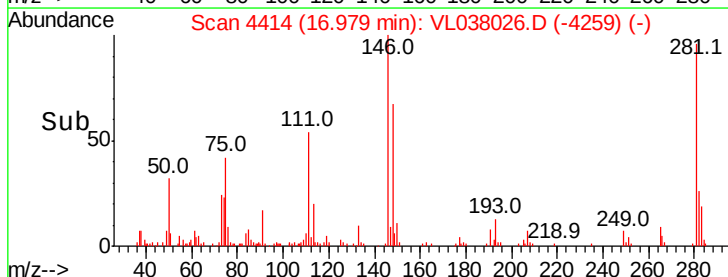
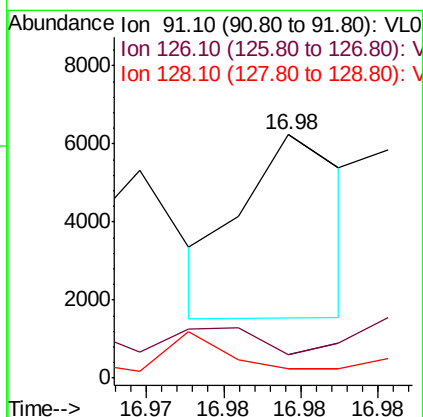
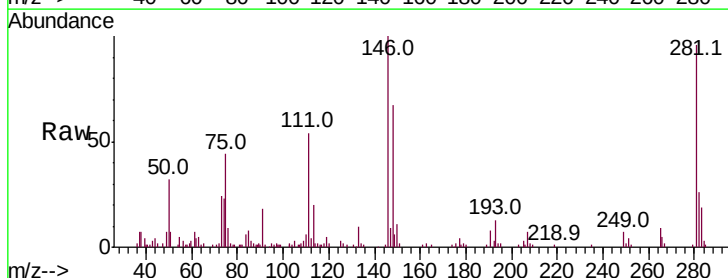
#65
 tert-Butylbenzene
 Concen: 0.321 ppbv
 RT: 16.74 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 3:43

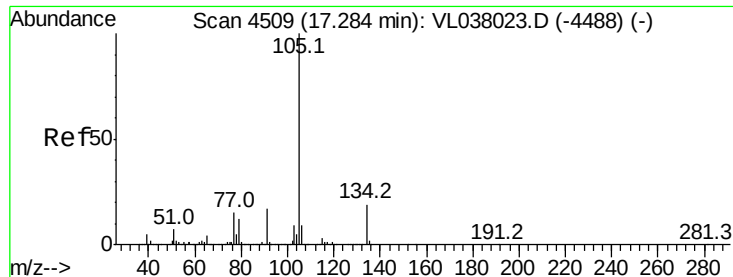
Tot Ion: 119 Resp: 116916
 Ion Ratio Lower Upper
 119 100
 91 170.7 62.6 93.8#
 134 43.8 16.1 24.1#



#66
 Benzyl Chloride
 Concen: 0.109 ppbv
 RT: 16.98 min Scan# 4414
 Delta R.T. -0.00 min
 Lab File: VL038026.D
 Acq: 16 Nov 2021 3:43

Tgt Ion: 91 Resp: 2154
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.4 24.6#
 128 0.0 5.6 8.4#





#67

sec-Butylbenzene

Concen: 0.345 ppbv

RT: 17.28 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

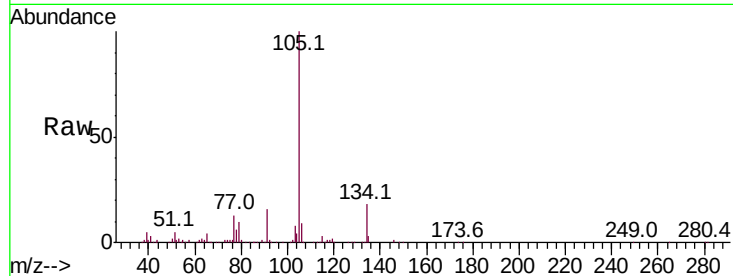
Acq: 16 Nov 2021 3:43

Tot Ion: 105 Resp: 173521

Ion Ratio Lower Upper

105 100

134 35.8 15.3 22.9#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V

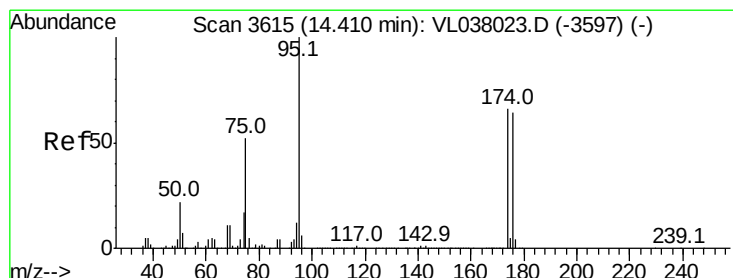
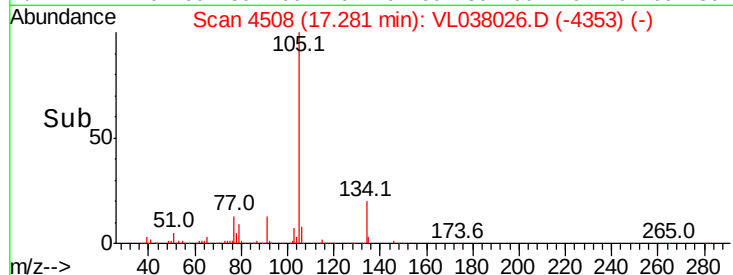
150000

100000

50000

0

Time--> 17.20 17.25 17.30



#68

1-Bromo-4-Fluorobenzene

Concen: 10.285 ppbv

RT: 14.40 min Scan# 3613

Delta R.T. -0.01 min

Lab File: VL038026.D

Acq: 16 Nov 2021 3:43

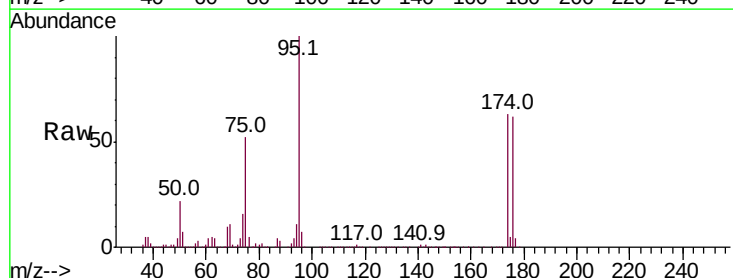
Tgt Ion: 95 Resp: 2117206

Ion Ratio Lower Upper

95 100

174 67.0 54.9 82.3

175 5.0 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

1000000

800000

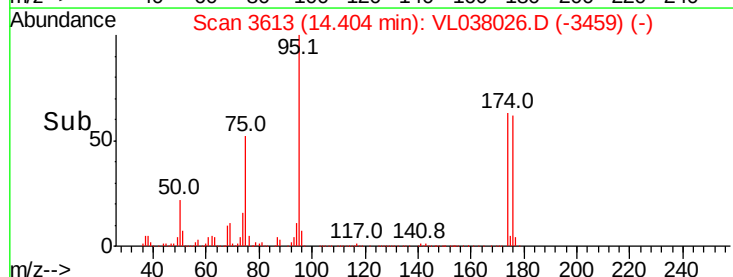
600000

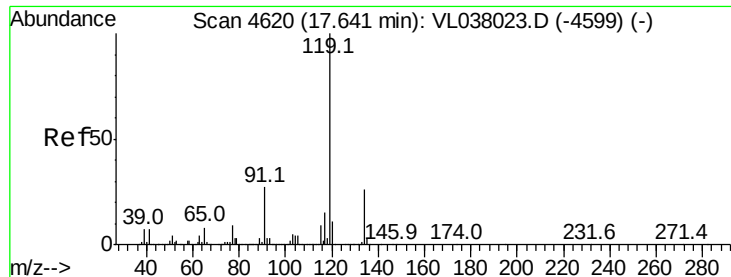
400000

200000

0

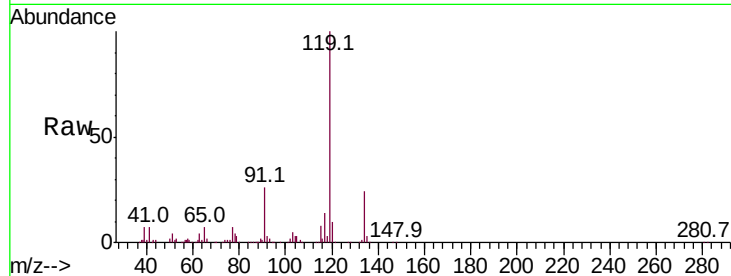
Time--> 14.30 14.40 14.50



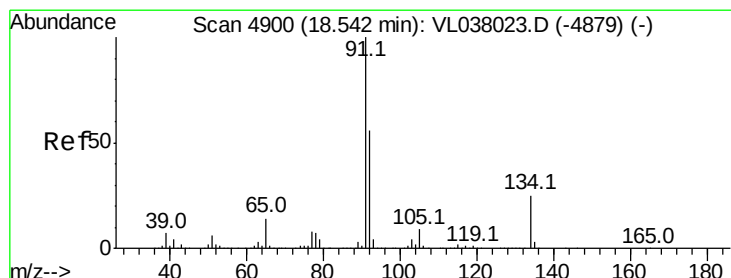
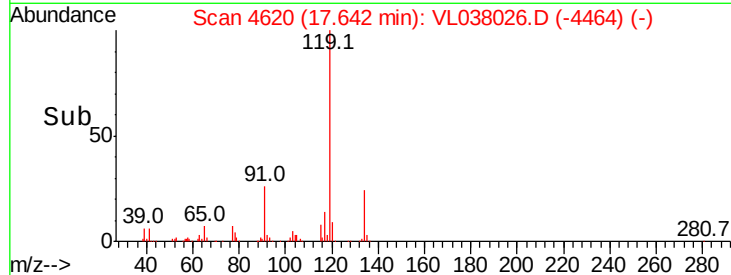
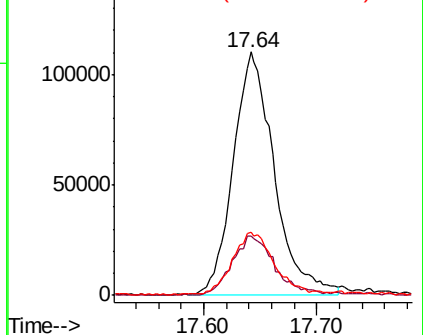


#69
 p-Isopropyltoluene
 Concen: 0.689 ppbv
 RT: 17.64 min
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 3:43

Tot Ion:	119	Resp:	277311
Ion Ratio	Lower	Upper	
119	100		
134	26.5	21.2	31.8
91	26.9	22.2	33.2

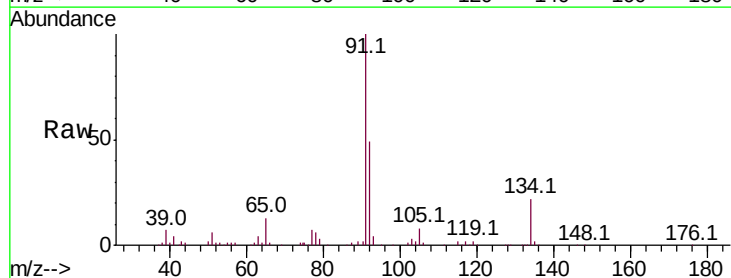


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

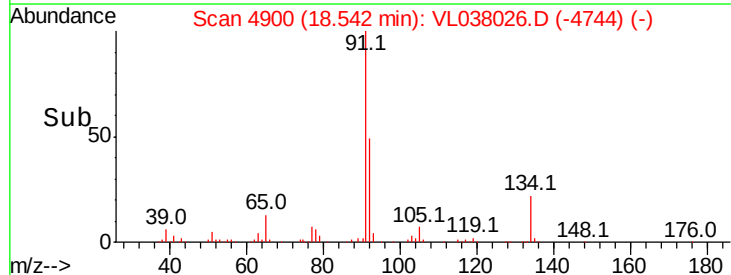
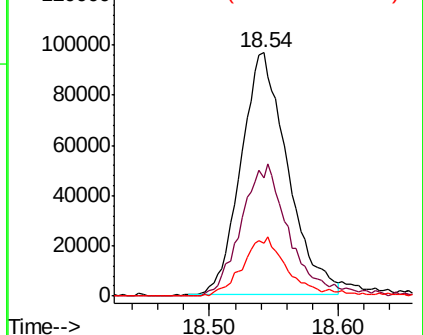


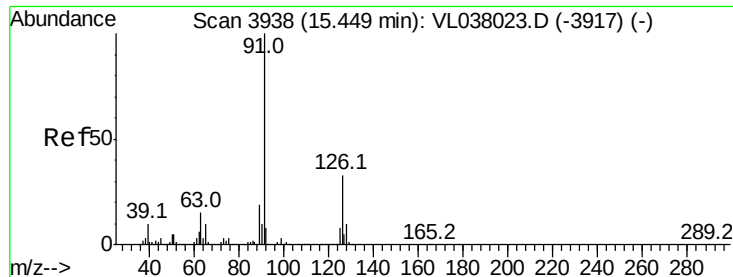
#70
 n-Butylbenzene
 Concen: 0.658 ppbv
 RT: 18.54 min Scan# 4900
 Delta R.T. 0.00 min
 Lab File: VL038026.D
 Acq: 16 Nov 2021 3:43

Tgt Ion:	91	Resp:	242971
Ion Ratio	Lower	Upper	
91	100		
92	57.8	44.2	66.2
134	24.5	19.7	29.5



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





#71

2-Chlorotoluene

Concen: 0.681 ppbv

RT: 15.44 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

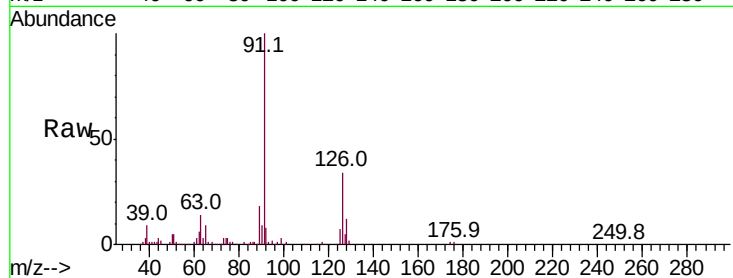
Acq: 16 Nov 2021 3:43

Tot Ion: 91 Resp: 197439

Ion Ratio Lower Upper

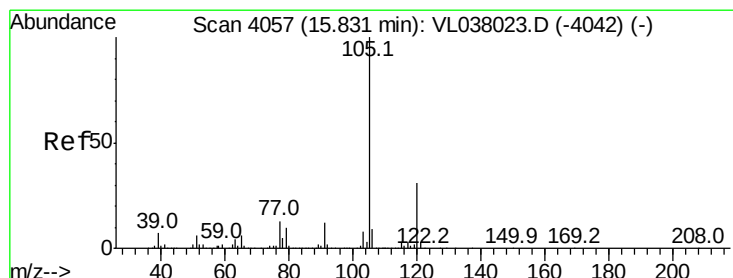
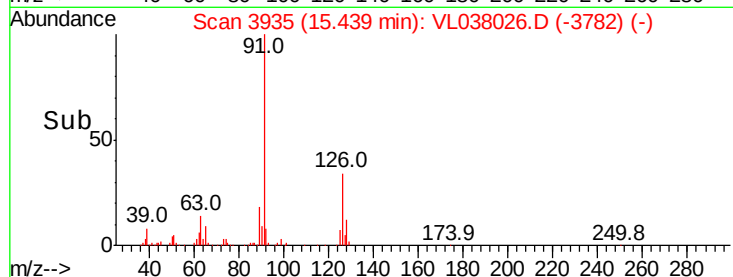
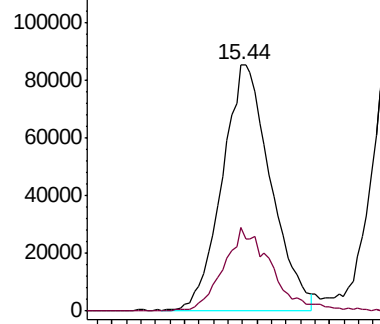
91 100

126 33.8 13.5 54.1



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V



#72

4-Ethyltoluene

Concen: 0.654 ppbv

RT: 15.83 min Scan# 4058

Delta R.T. 0.00 min

Lab File: VL038026.D

Acq: 16 Nov 2021 3:43

Tgt Ion: 105 Resp: 220098

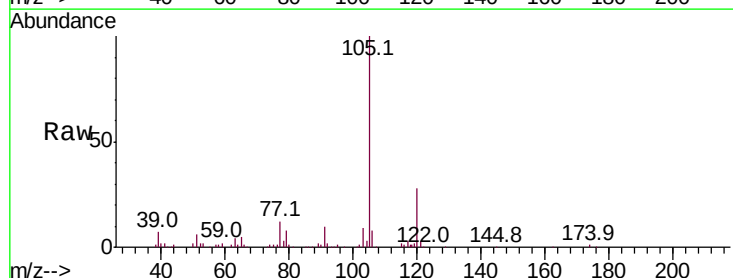
Ion Ratio Lower Upper

105 100

120 31.6 24.6 36.8

91 12.5 9.3 13.9

77 15.5 10.3 15.5#

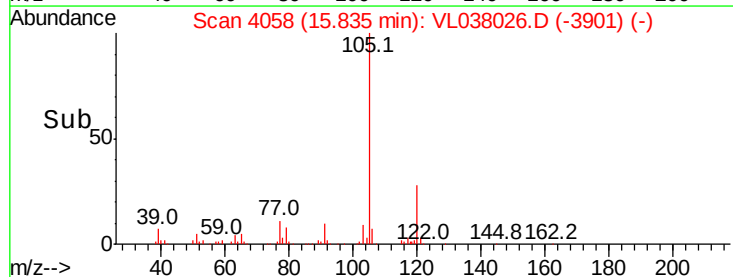
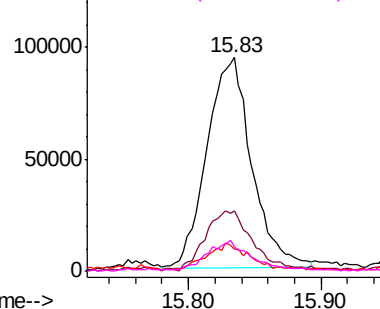


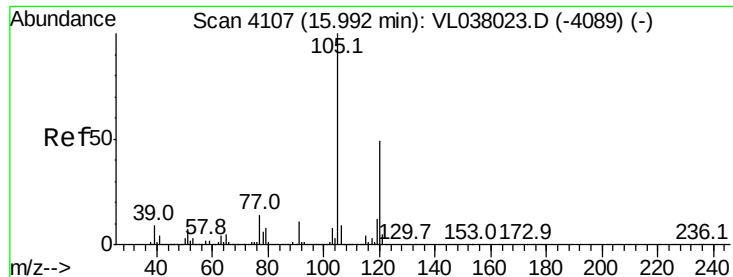
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

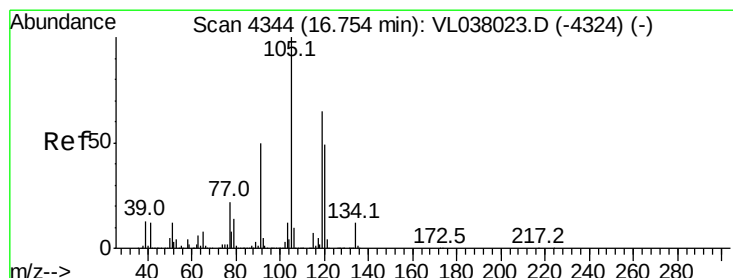
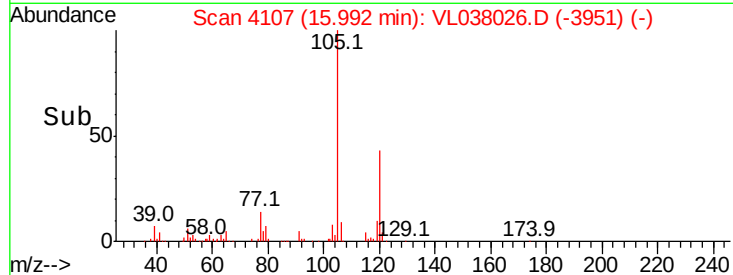
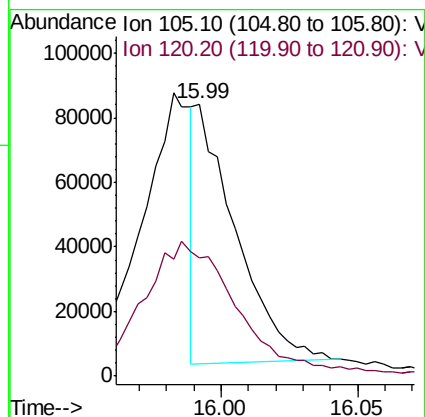
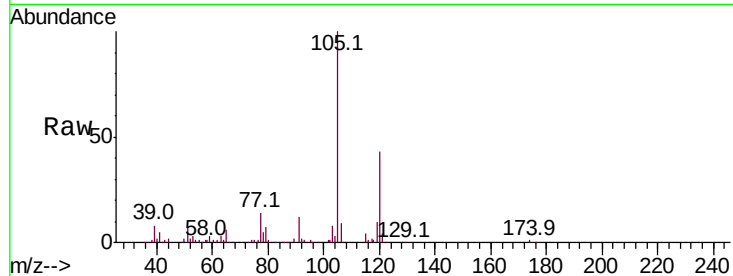
Ion 77.10 (76.80 to 77.80): VL0





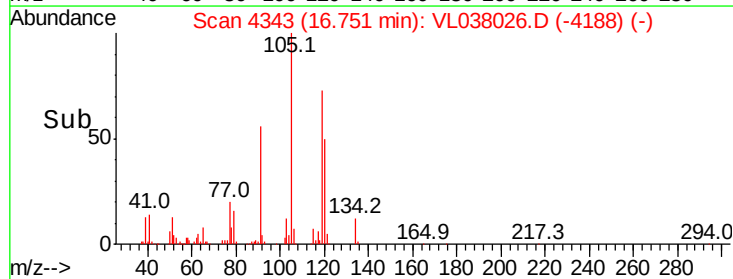
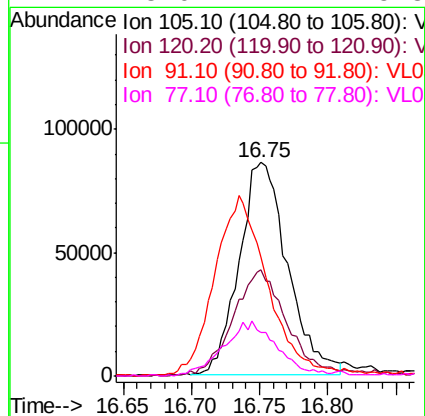
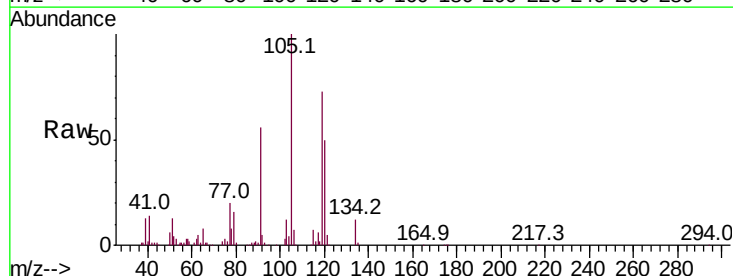
#73
 1,3,5-Trimethylbenzene
 Concen: 0.261 ppbv
 RT: 15.99 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 3:43

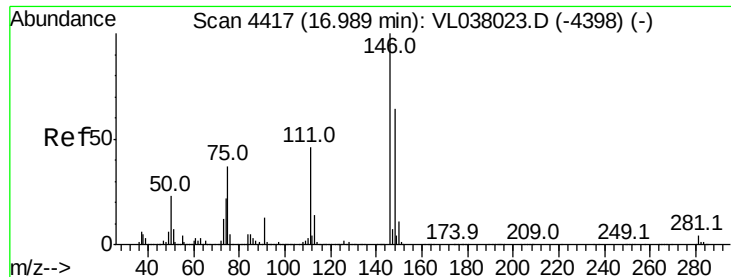
Tot Ion:105 Resp: 81581
 Ion Ratio Lower Upper
 105 100
 120 41.4 38.8 58.2



#74
 1,2,4-Trimethylbenzene
 Concen: 0.652 ppbv
 RT: 16.75 min Scan# 4343
 Delta R.T. -0.00 min
 Lab File: VL038026.D
 Acq: 16 Nov 2021 3:43

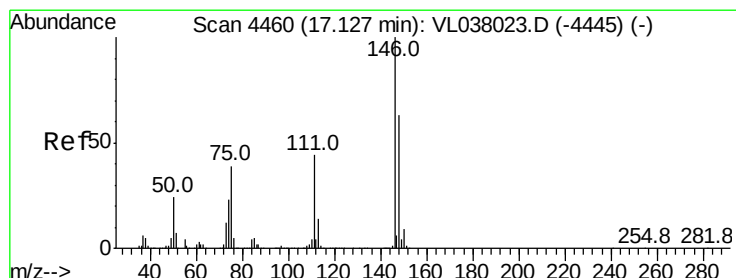
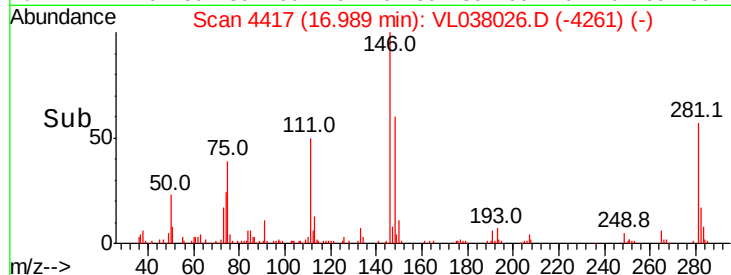
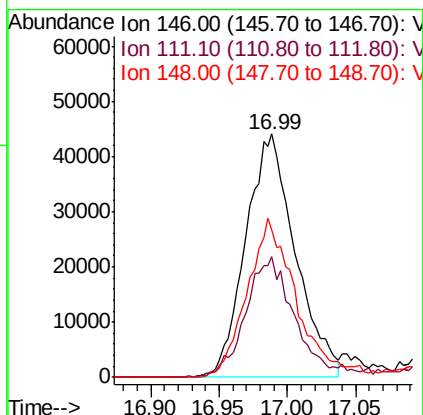
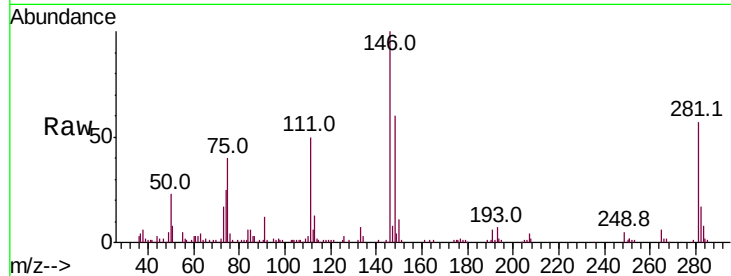
Tgt Ion:105 Resp: 212352
 Ion Ratio Lower Upper
 105 100
 120 47.9 39.5 59.3
 91 53.3 40.9 61.3
 77 18.0 17.2 25.8





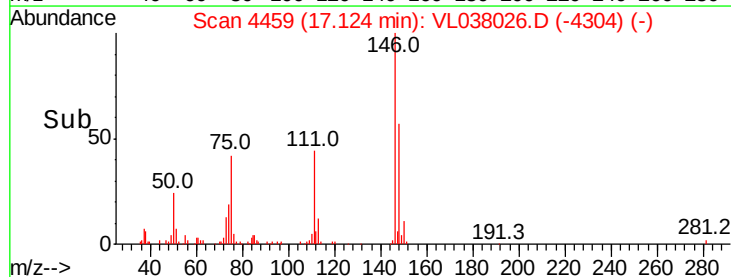
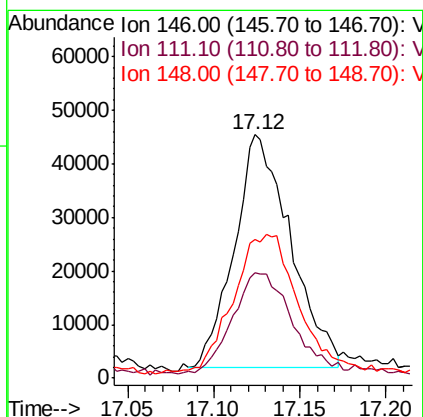
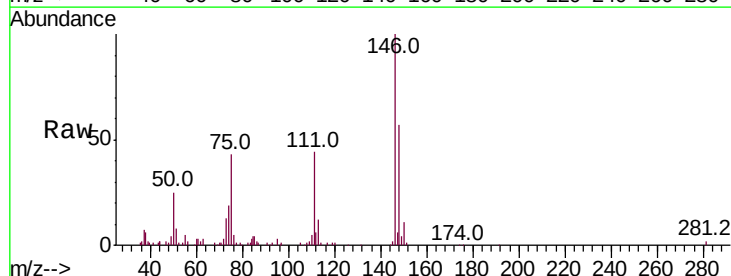
#75
 1,3-Dichlorobenzene
 Concen: 0.552 ppbv
 RT: 16.99 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 16 Nov 2021 3:43

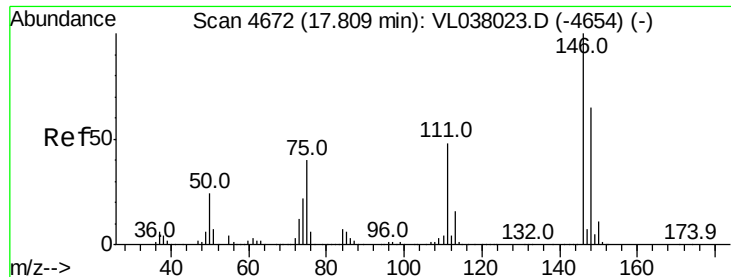
Tot Ion:	146	Resp:	111525
Ion	Ratio	Lower	Upper
146	100		
111	49.6	23.1	69.3
148	65.3	31.9	95.9



#76
 1,4-Dichlorobenzene
 Concen: 0.502 ppbv
 RT: 17.12 min Scan# 4459
 Delta R.T.: -0.00 min
 Lab File: VL038026.D
 Acq: 16 Nov 2021 3:43

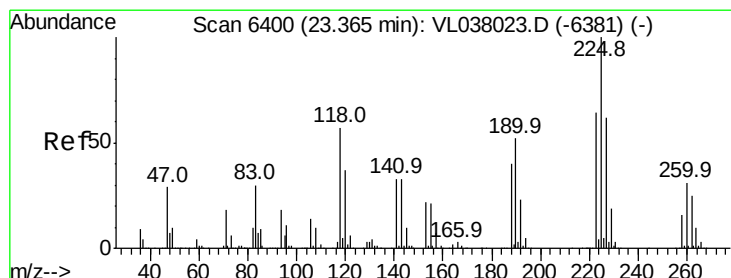
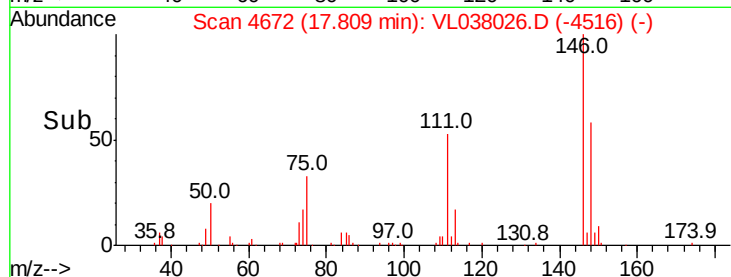
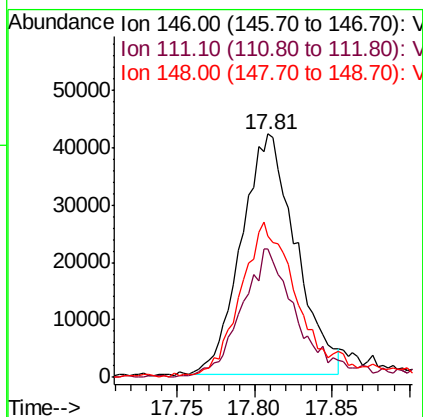
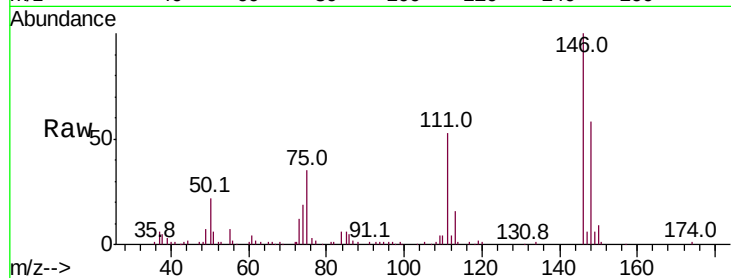
Tgt Ion:	146	Resp:	98366
Ion	Ratio	Lower	Upper
146	100		
111	54.3	22.5	67.5
148	77.6	32.6	98.0





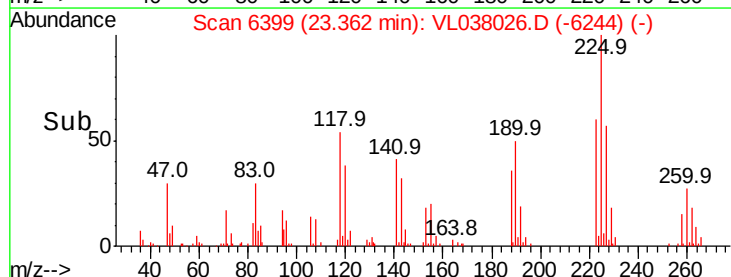
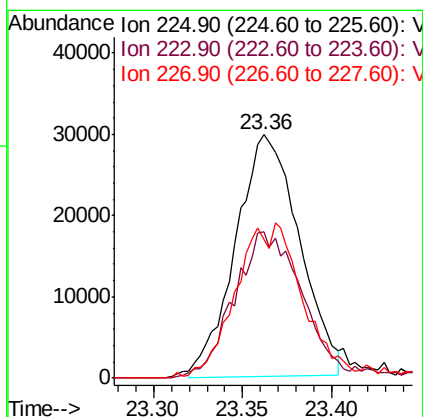
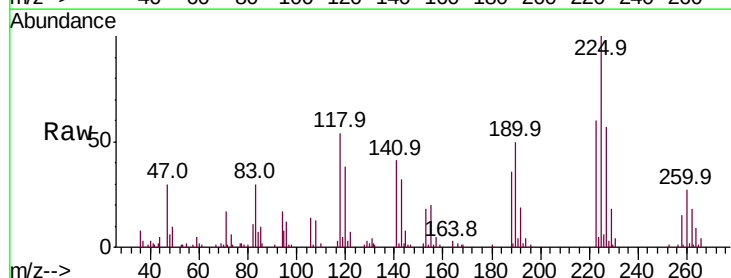
#77
 1,2-Dichlorobenzene
 Concen: 0.539 ppbv
 RT: 17.81 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 3:43

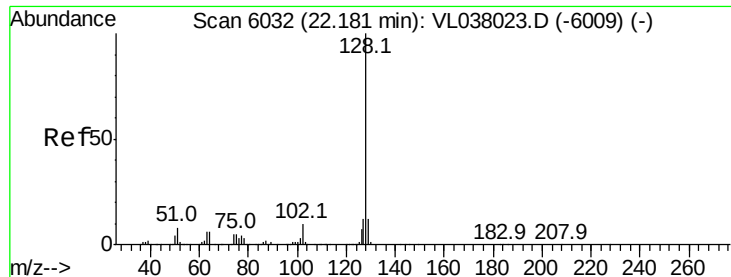
Tot Ion	Ratio	Lower	Upper
146	100		
111	58.0	24.2	72.6
148	73.9	32.5	97.5



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.474 ppbv
 RT: 23.36 min Scan# 6399
 Delta R.T. -0.00 min
 Lab File: VL038026.D
 Acq: 16 Nov 2021 3:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.7	51.0	76.4
227	69.0	51.4	77.2





#79

Naphthalene

Concen: 0.333 ppbv

RT: 22.19

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Nov 2021 3:43

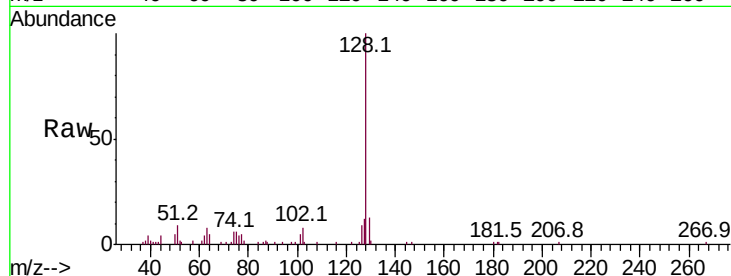
Tot Ion:128 Resp: 59813

Ion Ratio Lower Upper

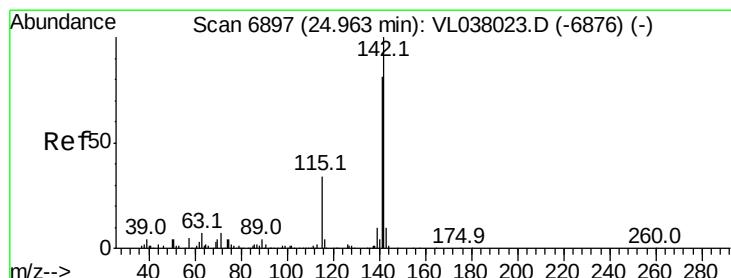
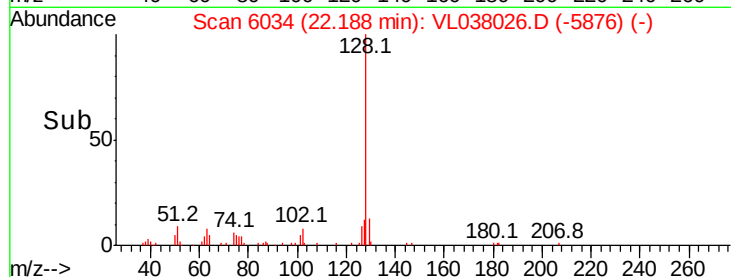
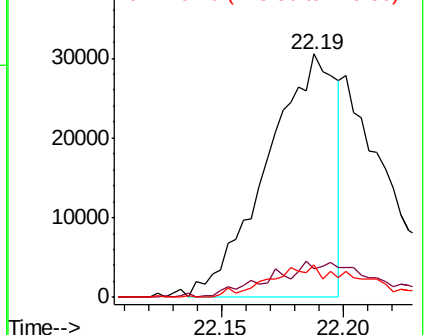
128 100

127 10.0 9.8 14.6

129 12.8 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: 0.507 ppbv

RT: 24.98 min Scan# 6902

Delta R.T. 0.02 min

Lab File: VL038026.D

Acq: 16 Nov 2021 3:43

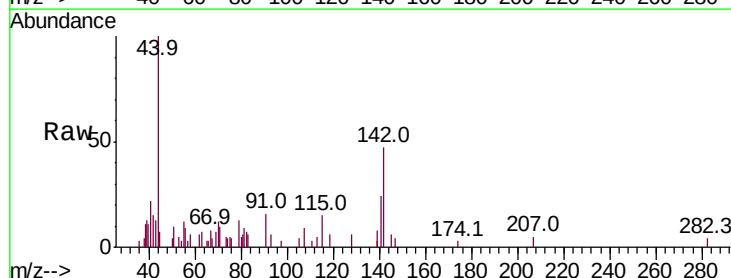
Tgt Ion:142 Resp: 15681

Ion Ratio Lower Upper

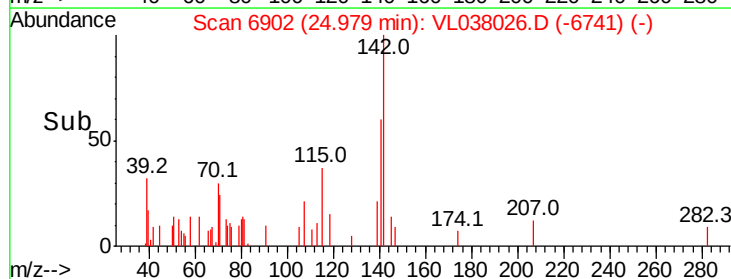
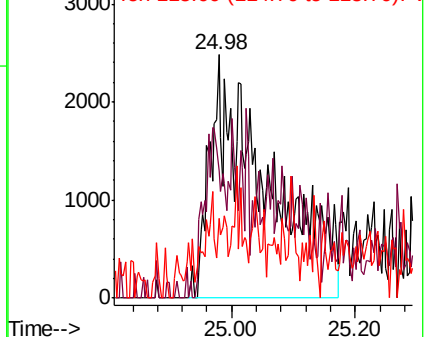
142 100

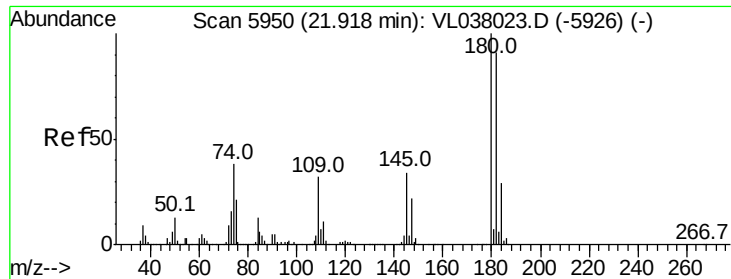
141 30.8 73.4 110.0#

115 18.0 28.1 42.1#



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: 0.202 ppbv
 RT: 21.91
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 3.43

Tot Ion:	180	Resp:	23541
Ion Ratio	Lower	Upper	
180	100		
182	0.0	78.8	118.2#
184	0.0	24.3	36.5#

