

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111021\
 Data File : VL038009.D
 Acq On : 10 Nov 2021 14:12
 Operator : SY/AP
 Sample : VL1110ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 11 03:42:45 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 02 05:54:07 2021
 QLast Update : Tue Nov 02 05:54:07 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1536132	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4495337	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	5056537	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	3129032	8.51	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	85.10%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	2745625	12.686	ppbv 96
3) Chlorodifluoromethane	2.99	51	2502051	8.749	ppbv 99
4) Chloromethane	3.15	50	948671	8.729	ppbv 97
5) Vinyl Chloride	3.26	62	959426	9.160	ppbv 99
6) Bromomethane	3.47	94	525480	9.287	ppbv 99
7) Chloroethane	3.56	64	340099	8.995	ppbv 98
8) Dichlorotetrafluoroethane	3.19	85	2182981	8.756	ppbv 98
9) Propene	3.02	41	902367	8.801	ppbv 96
10) Heptane	8.11	43	2280200	9.559	ppbv 100
11) Trichlorofluoromethane	3.95	101	1975111	9.165	ppbv 98
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1498297	8.918	ppbv 100
13) Ethanol	3.61	45	39479	3.817	ppbv # 31
14) Bromoethene	3.74	108	683940	9.306	ppbv 98
15) Acetone	3.85	43	1123634	8.852	ppbv 98
16) 1,3-Butadiene	3.33	39	911180	9.110	ppbv 99
17) tert-Butyl alcohol	4.29	59	1161747	8.802	ppbv 100
18) 1,1-Dichloroethene	4.29	96	678115	8.770	ppbv 97
19) Isopropyl Alcohol	3.96	45	680272	8.381	ppbv # 96
20) Methylene Chloride	4.34	84	580495	8.330	ppbv 92
21) Allyl Chloride	4.41	41	1137867	9.715	ppbv 99
22) trans-1,2-Dichloroethene	4.88	96	708951	9.227	ppbv 92
23) Vinyl Acetate	5.07	43	2090317	10.937	ppbv 100
24) 1,1-Dichloroethane	5.01	63	1531567	9.699	ppbv 99
25) Ethyl Acetate	5.67	43	3556246	9.433	ppbv 100
26) Hexane	5.69	57	1675597	9.380	ppbv 99
27) Carbon Disulfide	4.55	76	1724127	9.777	ppbv 98
28) Methyl tert-Butyl Ether	5.03	73	1743384	11.609	ppbv 98
29) Chloroform	5.75	83	2374385	8.913	ppbv 100
30) Cyclohexane	7.13	84	1390224	9.104	ppbv 99
31) cis-1,2-Dichloroethene	5.55	61	1543352	9.470	ppbv 97
32) 1,1,1-Trichloroethane	6.51	97	2283453	8.721	ppbv 99
34) 2-Butanone	5.24	43	1558487	9.356	ppbv 100
35) Carbon Tetrachloride	7.01	117	2381302	8.762	ppbv 98
36) Benzene	6.89	78	3460558	9.453	ppbv 99
37) 1,2-Dichloroethane	6.30	62	1672364	9.609	ppbv 99
38) Trichloroethene	7.83	130	1362192	8.965	ppbv 95
39) 1,2-Dichloropropane	7.61	63	1333845	9.683	ppbv 97
40) 1,4-Dioxane	7.83	88	342889	9.452	ppbv 93
41) Tetrahydrofuran	6.05	42	842423	10.336	ppbv 97
42) Bromodichloromethane	7.79	83	2502297	9.509	ppbv 98
43) Methyl Methacrylate	8.01	69	1241629	10.333	ppbv 98

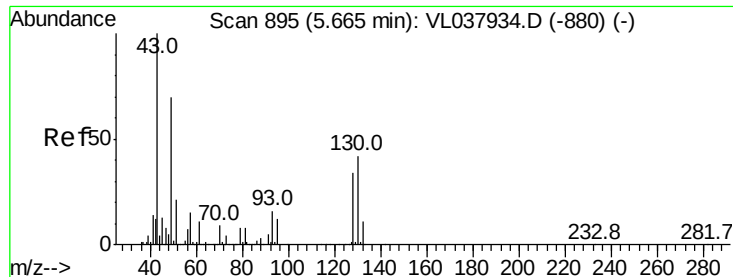
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111021\
 Data File : VL038009.D
 Acq On : 10 Nov 2021 14:12
 Operator : SY/AP
 Sample : VL1110ABS01
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Quant Time: Nov 11 03:42:45 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 02 05:54:07 2021
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 Response via : Initial Calibration

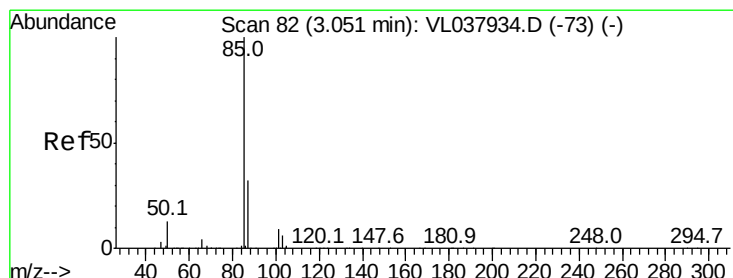
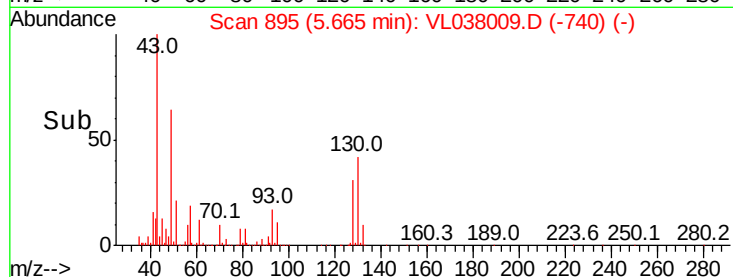
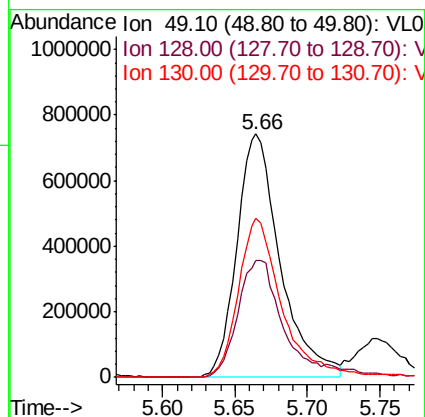
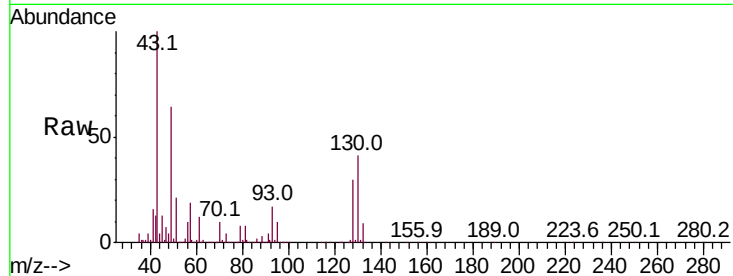
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	5854660	9.403	ppbv	99
45) t-1,3-Dichloropropene	9.27	75	1018178	11.532	ppbv	97
46) cis-1,3-Dichloropropene	8.70	75	1359254	11.197	ppbv	99
47) 1,1,2-Trichloroethane	9.47	97	1408917	9.104	ppbv	96
48) Dibromochloromethane	10.30	129	2178379	9.942	ppbv	98
49) Bromoform	13.03	173	1773975	10.242	ppbv	98
50) 4-Methyl-2-Pentanone	8.74	43	2181708	9.969	ppbv	98
51) 2-Hexanone	10.13	43	939883	10.190	ppbv	98
52) Tetrachloroethene	11.21	164	1252152	9.016	ppbv	99
53) Toluene	9.80	91	3972684	10.122	ppbv	100
54) 1,2-Dibromoethane	10.60	107	1930658	9.673	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.11	131	1518699	7.439	ppbv	97
57) Chlorobenzene	12.14	112	2855165	7.074	ppbv	97
58) Ethyl Benzene	12.70	91	5025823	8.128	ppbv	98
59) m/p-Xylene	12.99	91	4702741	8.556	ppbv #	48
60) o-Xylene	13.68	91	3927135	7.578	ppbv	98
61) Styrene	13.52	104	2151399	9.040	ppbv	99
62) Isopropylbenzene	14.66	105	5368310	7.316	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.67	83	2698507	6.050	ppbv	100
64) n-propylbenzene	15.55	120	1395634	7.423	ppbv	100
65) tert-Butylbenzene	16.73	119	4493786	6.930	ppbv	99
66) Benzyl Chloride	16.98	91	294754	8.699	ppbv	99
67) sec-Butylbenzene	17.28	105	6260977	7.008	ppbv	100
69) p-Isopropyltoluene	17.64	119	5157101	7.196	ppbv	100
70) n-Butylbenzene	18.54	91	4967921	7.544	ppbv	100
71) 2-Chlorotoluene	15.44	91	3865153	7.518	ppbv	99
72) 4-Ethyltoluene	15.83	105	4530072	7.631	ppbv	98
73) 1,3,5-Trimethylbenzene	15.99	105	4019865	7.231	ppbv	98
74) 1,2,4-Trimethylbenzene	16.75	105	4061229	6.973	ppbv #	92
75) 1,3-Dichlorobenzene	16.99	146	2437243	6.721	ppbv	99
76) 1,4-Dichlorobenzene	17.13	146	2398038	6.834	ppbv	98
77) 1,2-Dichlorobenzene	17.80	146	2326861	6.834	ppbv	100
78) Hexachloro-1,3-Butadiene	23.36	225	1872278	6.424	ppbv	100
79) Naphthalene	22.18	128	3079455	9.177	ppbv	99
80) Naphthalene, 2-methyl-	24.96	142	438925	6.719	ppbv	98
81) 1,2,4-Trichlorobenzene	21.91	180	1727915	7.911	ppbv	99

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



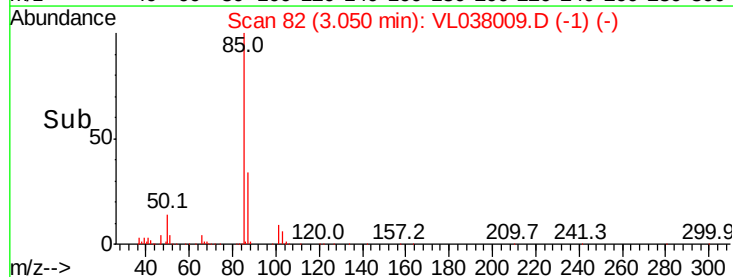
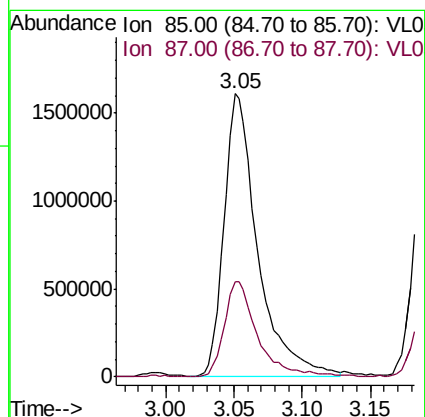
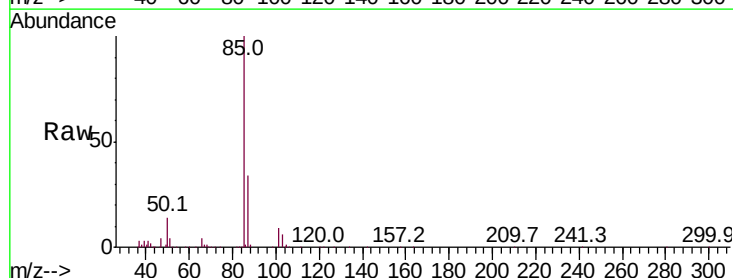
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 10 Nov 2021 14:12

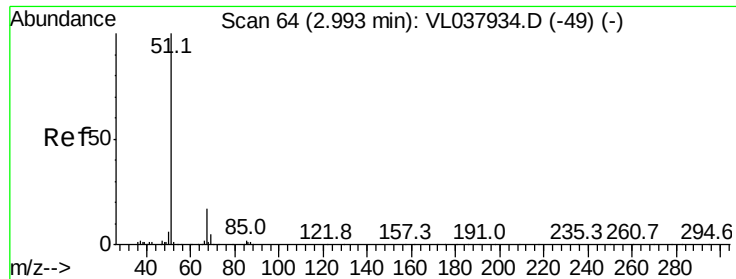
Tot Ion: 49 Resp: 1536132
 Ion Ratio Lower Upper
 49 100
 128 53.7 27.0 81.0
 130 67.0 33.4 100.2



#2
 Dichlorodifluoromethane
 Concen: 12.686 ppbv
 RT: 3.05 min Scan# 82
 Delta R.T.: -0.00 min
 Lab File: VL038009.D
 Acq: 10 Nov 2021 14:12

Tgt Ion: 85 Resp: 2745625
 Ion Ratio Lower Upper
 85 100
 87 33.6 25.3 37.9





#3

Chlorodifluoromethane

Concen: 8.749 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

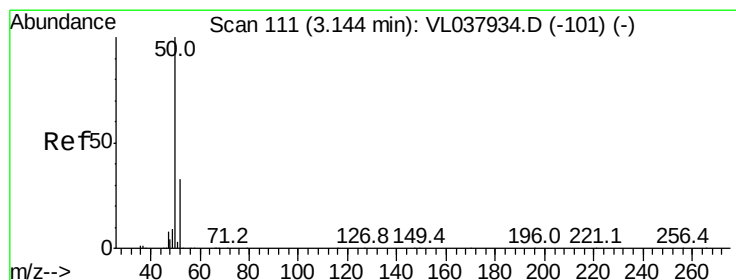
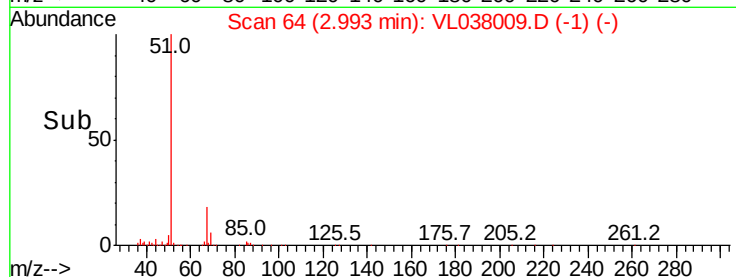
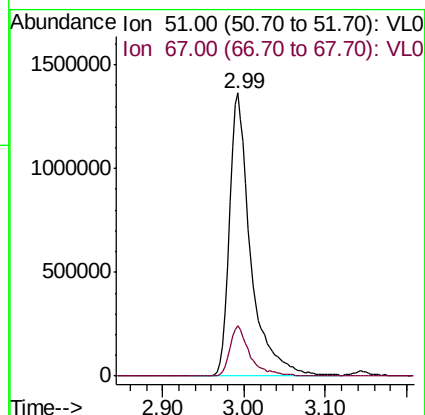
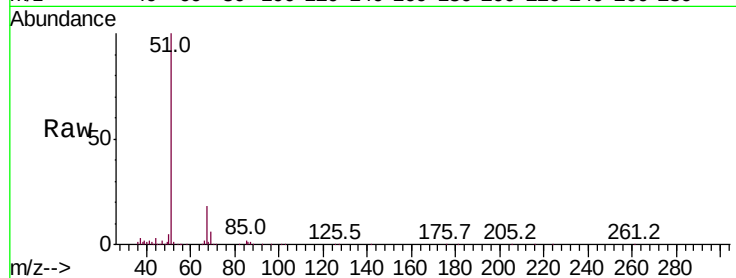
Acq: 10 Nov 2021 14:12

Tot Ion: 51 Resp: 2502051

Ion Ratio Lower Upper

51 100

67 17.0 13.4 20.0



#4

Chloromethane

Concen: 8.729 ppbv

RT: 3.15 min Scan# 112

Delta R.T. 0.00 min

Lab File: VL038009.D

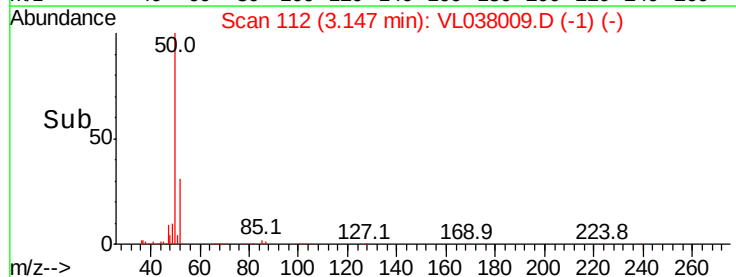
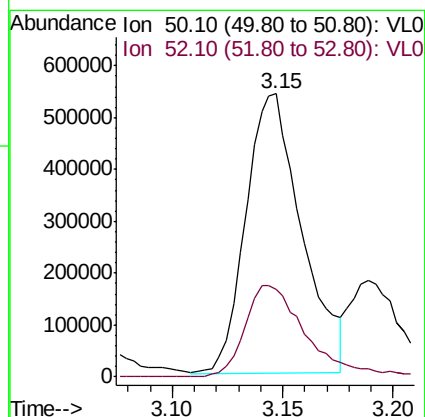
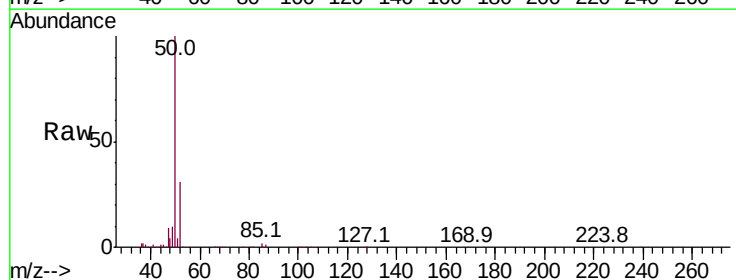
Acq: 10 Nov 2021 14:12

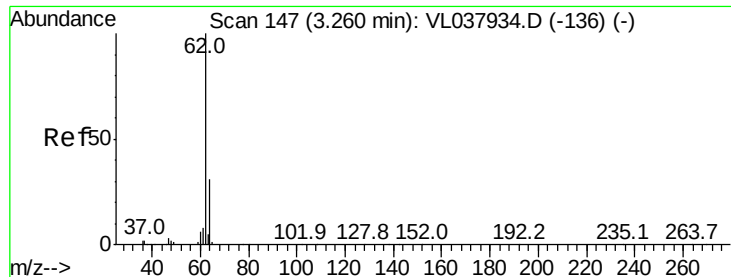
Tgt Ion: 50 Resp: 948671

Ion Ratio Lower Upper

50 100

52 31.4 26.3 39.5





#5

Vinyl Chloride

Concen: 9.160 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

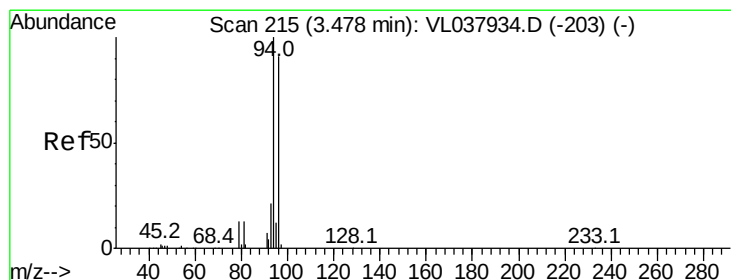
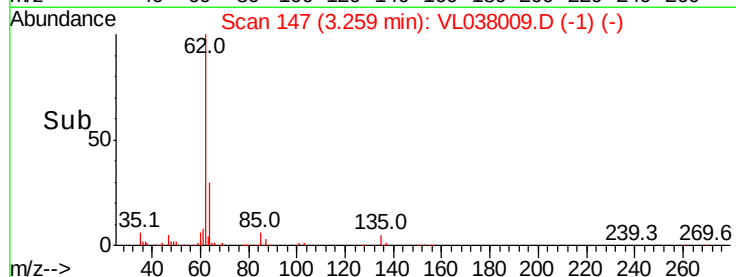
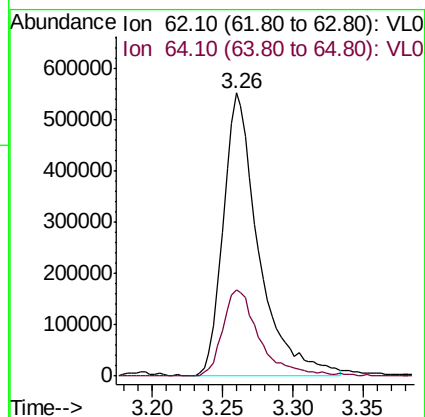
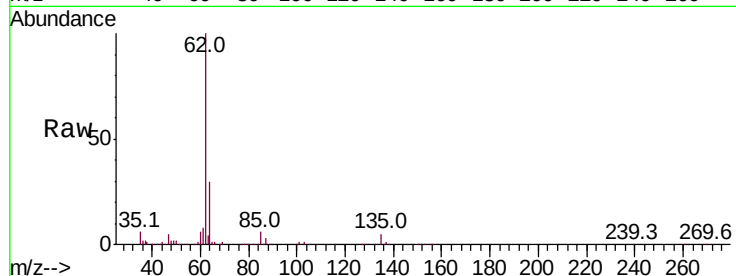
Acq: 10 Nov 2021 14:12

Tot Ion: 62 Resp: 959426

Ion Ratio Lower Upper

62 100

64 30.5 24.7 37.1



#6

Bromomethane

Concen: 9.287 ppbv

RT: 3.47 min Scan# 214

Delta R.T. -0.00 min

Lab File: VL038009.D

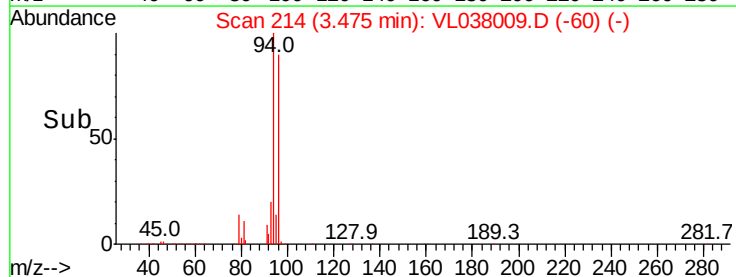
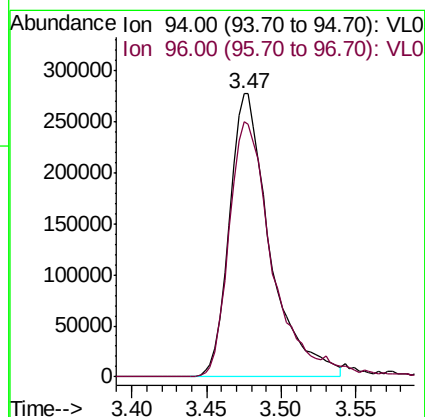
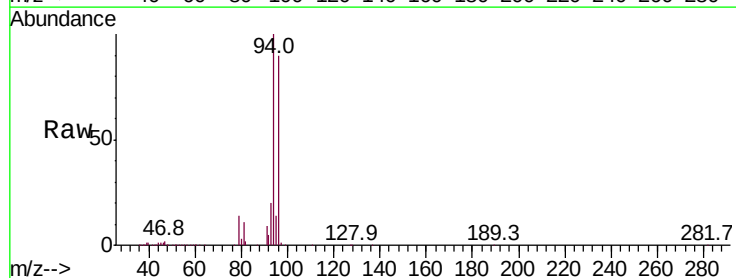
Acq: 10 Nov 2021 14:12

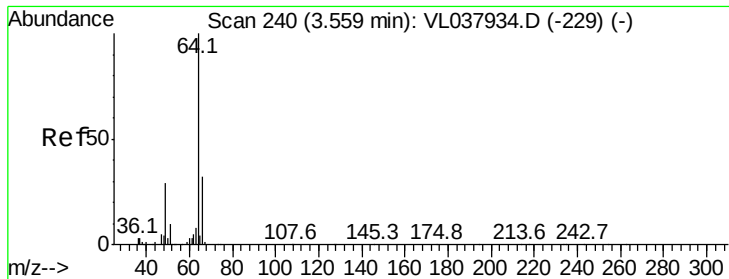
Tgt Ion: 94 Resp: 525480

Ion Ratio Lower Upper

94 100

96 90.2 73.0 109.4





#7

Chloroethane

Concen: 8.995 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

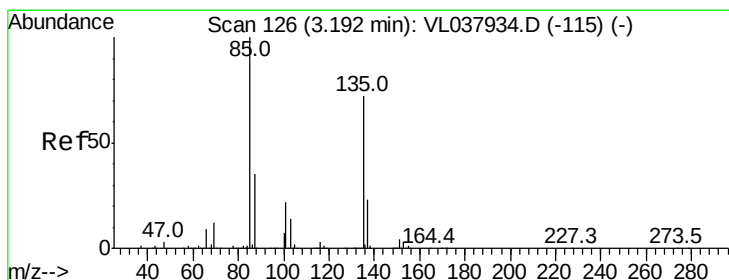
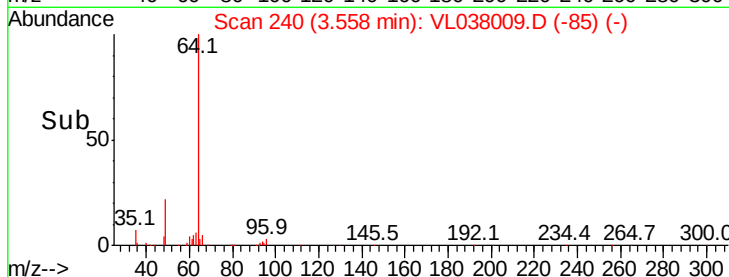
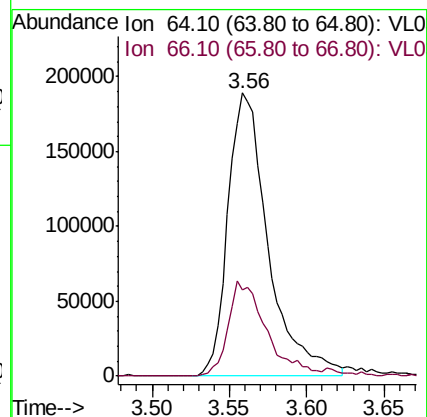
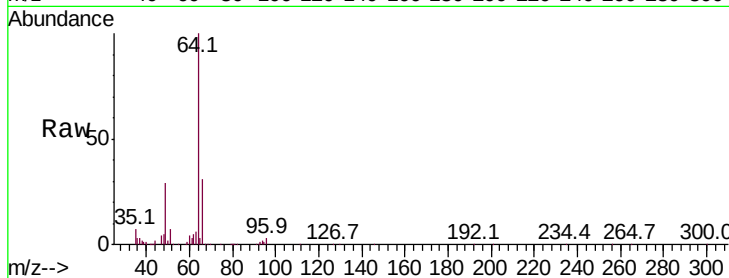
Acq: 10 Nov 2021 14:12

Tot Ion: 64 Resp: 340099

Ion Ratio Lower Upper

64 100

66 30.5 25.5 38.3



#8

Dichlorotetrafluoroethane

Concen: 8.756 ppbv

RT: 3.19 min Scan# 126

Delta R.T. -0.00 min

Lab File: VL038009.D

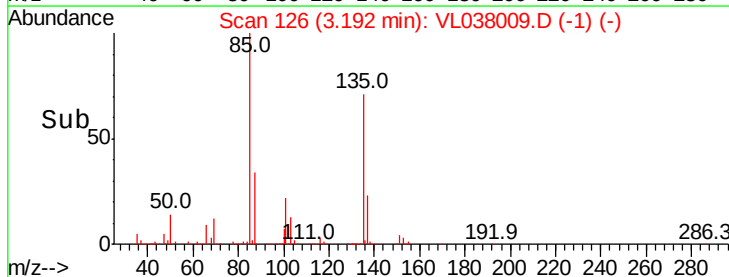
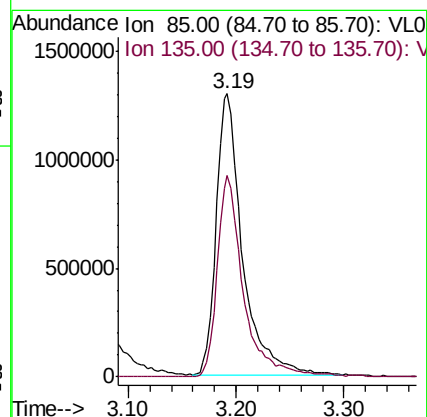
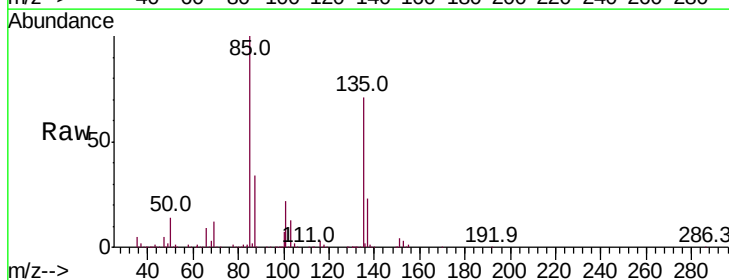
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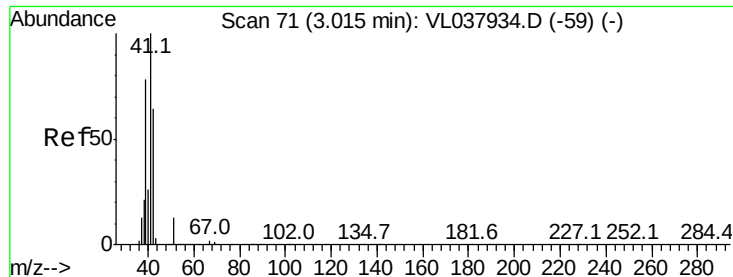
Tgt Ion: 85 Resp: 2182981

Ion Ratio Lower Upper

85 100

135 72.1 58.8 88.2





#9

Propene

Concen: 8.801 ppbv

RT: 3.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

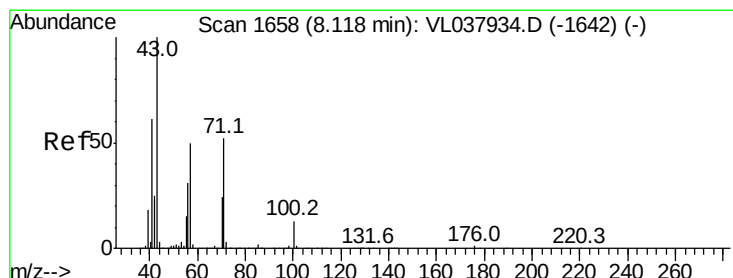
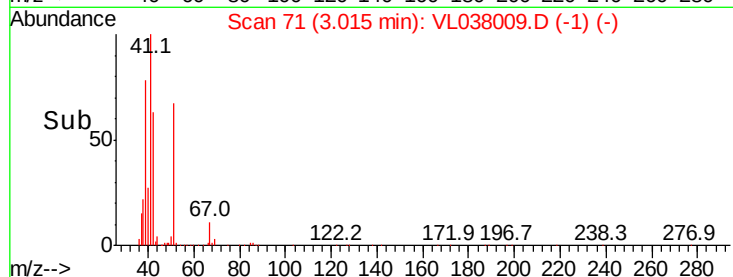
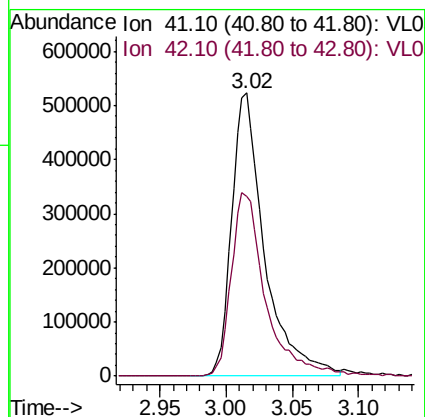
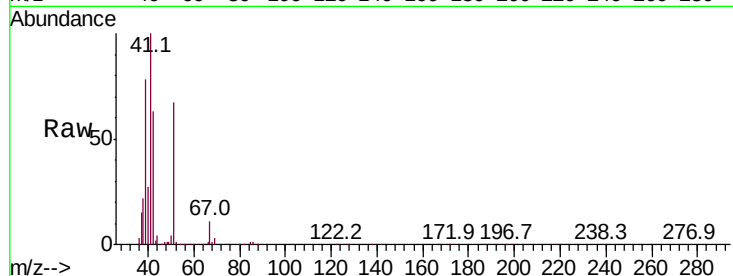
Acq: 10 Nov 2021 14:12

Tot Ion: 41 Resp: 902367

Ion Ratio Lower Upper

41 100

42 68.3 57.6 86.4



#10

Heptane

Concen: 9.559 ppbv

RT: 8.11 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VL038009.D

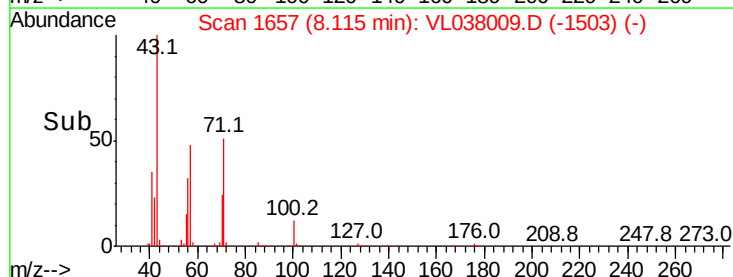
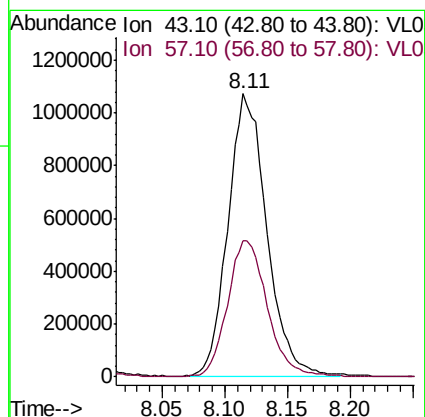
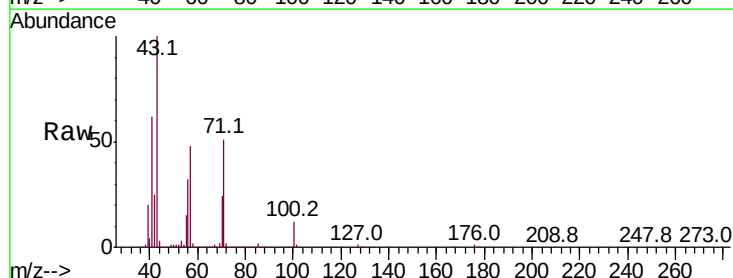
Acq: 10 Nov 2021 14:12

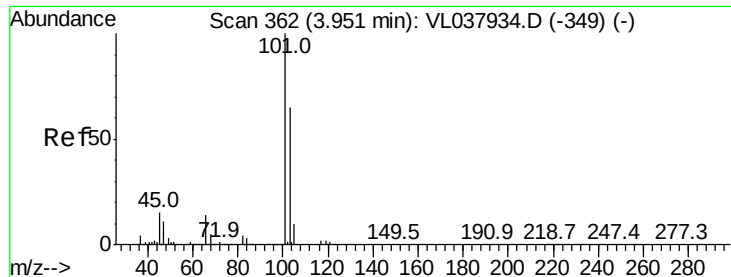
Tgt Ion: 43 Resp: 2280200

Ion Ratio Lower Upper

43 100

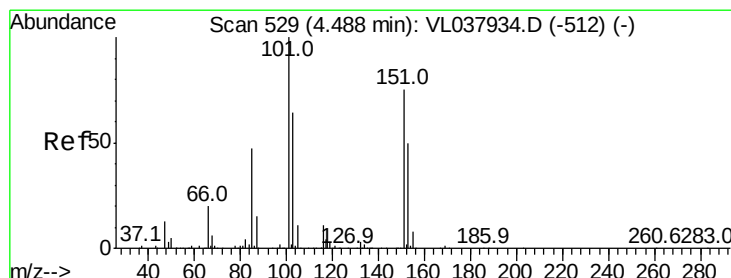
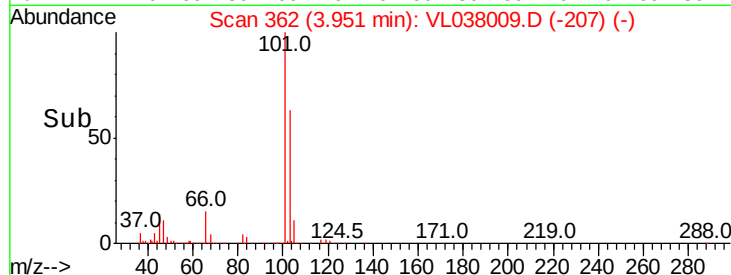
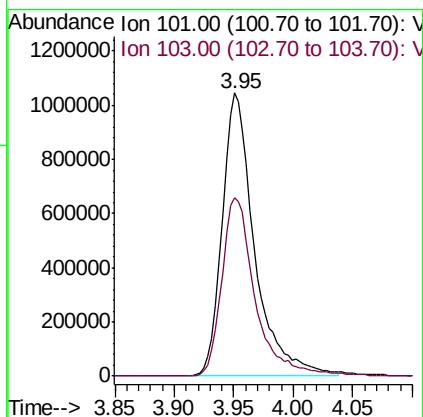
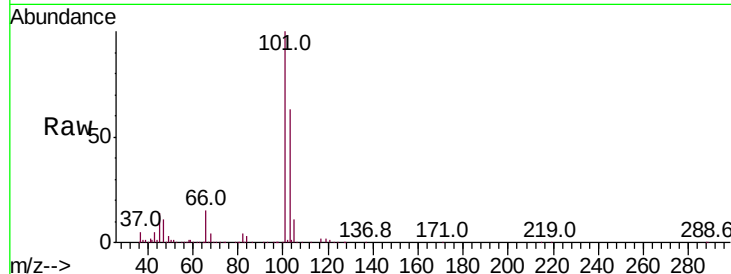
57 50.0 39.8 59.8





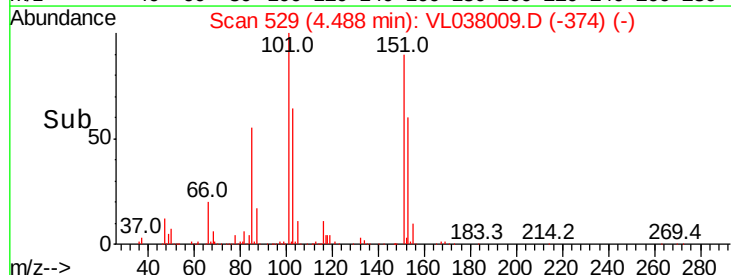
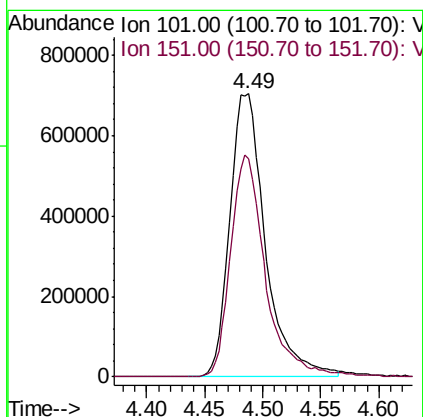
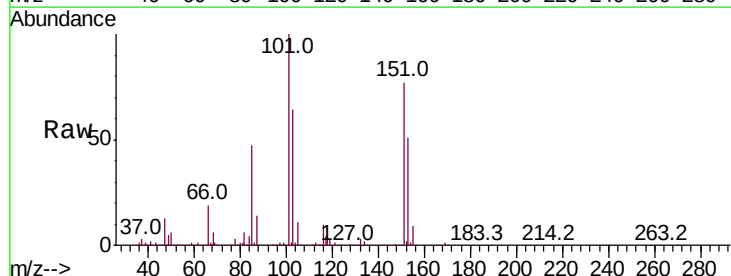
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 Trichlorofluoromethane
 Concen: 9.165 ppbv
 RT: 3.95 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 10 Nov 2021 14:12

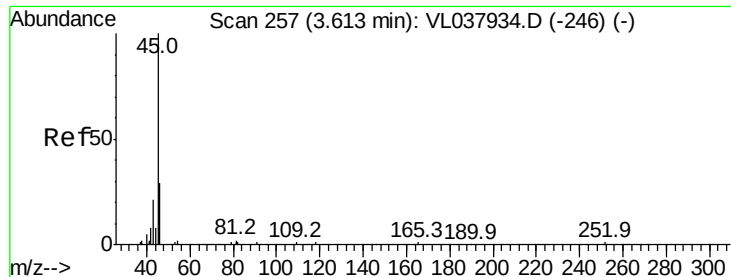
Tot Ion:101 Resp: 1975111
 Ion Ratio Lower Upper
 101 100
 103 63.1 52.0 78.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.918 ppbv
 RT: 4.49 min Scan# 529
 Delta R.T.: -0.00 min
 Lab File: VL038009.D
 Acq: 10 Nov 2021 14:12

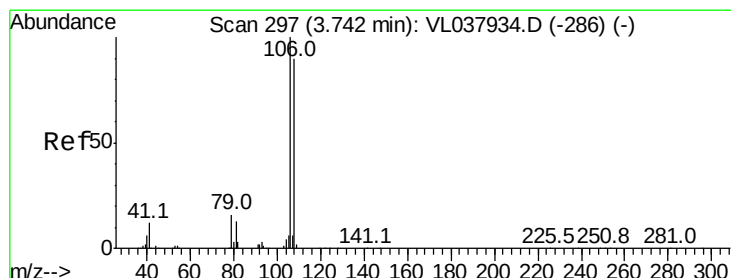
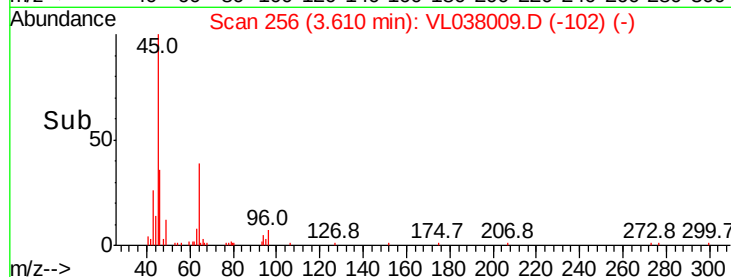
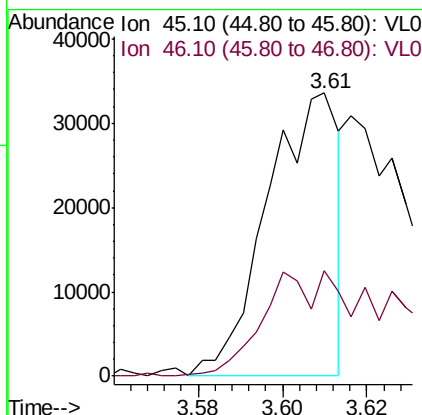
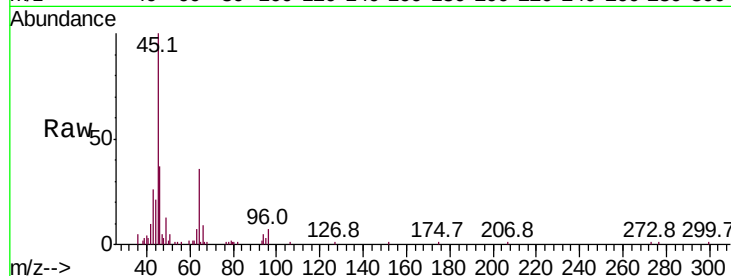
Tgt Ion:101 Resp: 1498297
 Ion Ratio Lower Upper
 101 100
 151 77.0 61.8 92.8





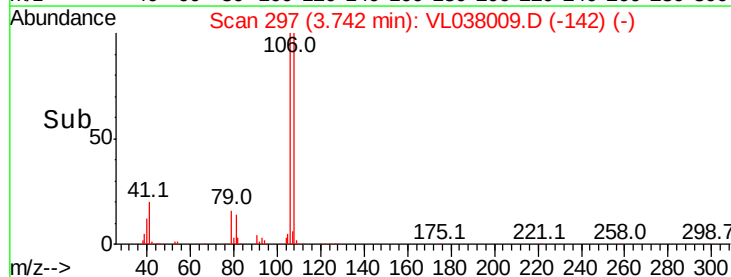
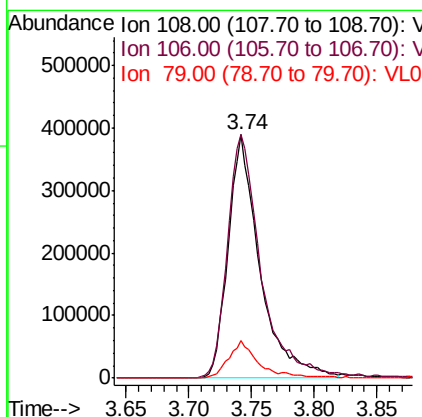
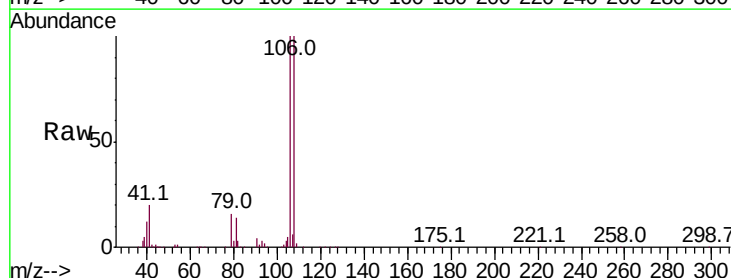
#13
 Ethanol
 Concen: 3.817 ppbv
 RT: 3.61
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 10 Nov 2021 14:12

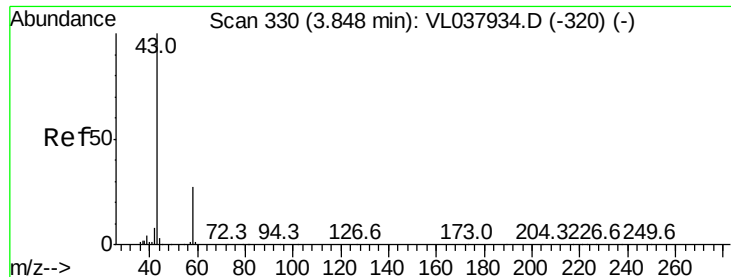
Tot Ion: 45 Resp: 39479
 Ion Ratio Lower Upper
 45 100
 46 88.1 17.4 69.8#



#14
 Bromoethene
 Concen: 9.306 ppbv
 RT: 3.74 min Scan# 297
 Delta R.T. -0.00 min
 Lab File: VL038009.D
 Acq: 10 Nov 2021 14:12

Tgt Ion: 108 Resp: 683940
 Ion Ratio Lower Upper
 108 100
 106 108.1 88.4 132.6
 79 15.0 12.4 18.6





#15

Acetone

Concen: 8.852 ppbv

RT: 3.85 Instrument:

Delta R.T. MSVOA_1

Lab File:

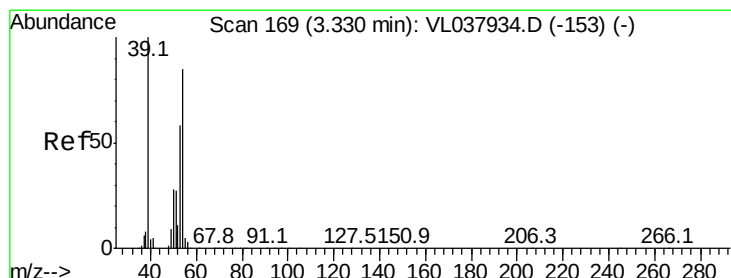
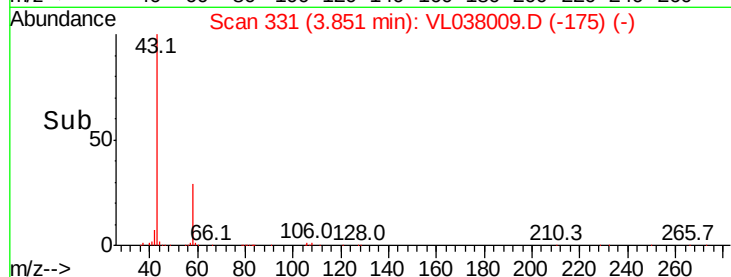
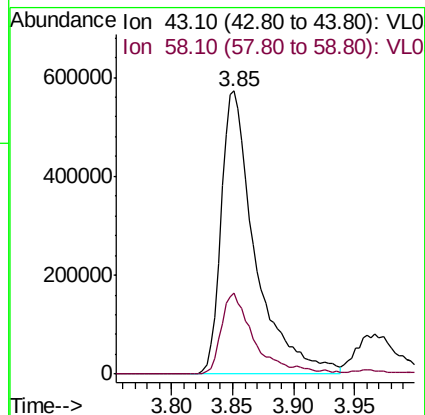
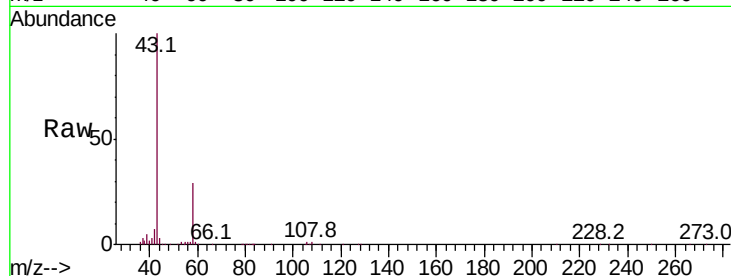
Acq: 10 Nov 2021 14:12

Tot Ion: 43 Resp: 1123634

Ion Ratio Lower Upper

43 100

58 28.3 23.3 34.9



#16

1,3-Butadiene

Concen: 9.110 ppbv

RT: 3.33 min Scan# 169

Delta R.T. -0.00 min

Lab File: VL038009.D

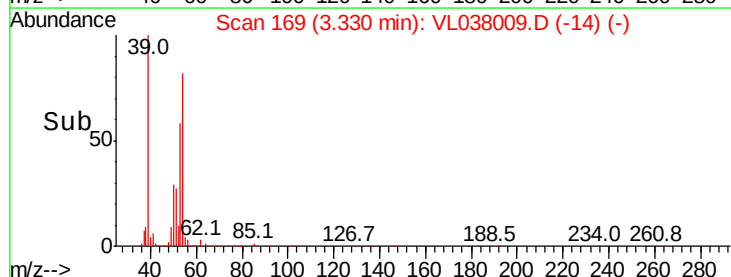
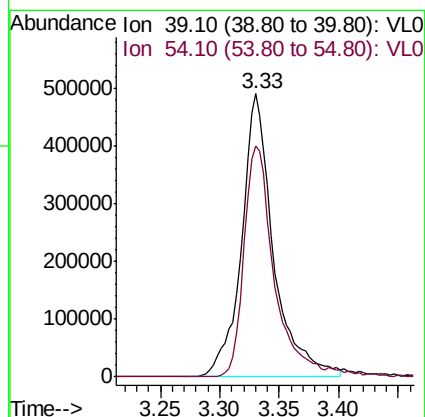
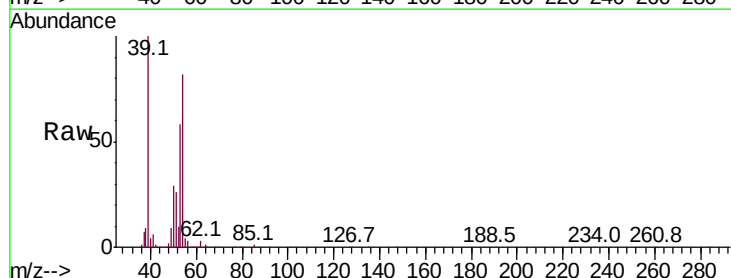
Acq: 10 Nov 2021 14:12

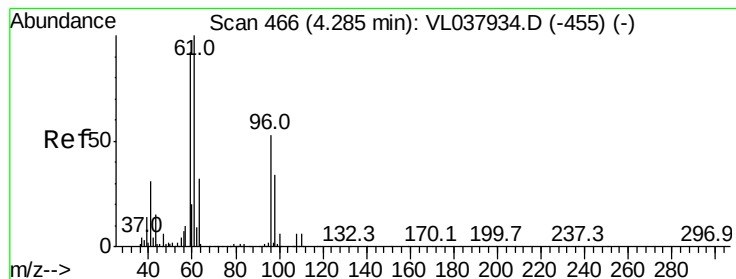
Tgt Ion: 39 Resp: 911180

Ion Ratio Lower Upper

39 100

54 79.4 62.6 93.8





#17

tert-Butyl alcohol

Concen: 8.802 ppbv

RT: 4.29 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

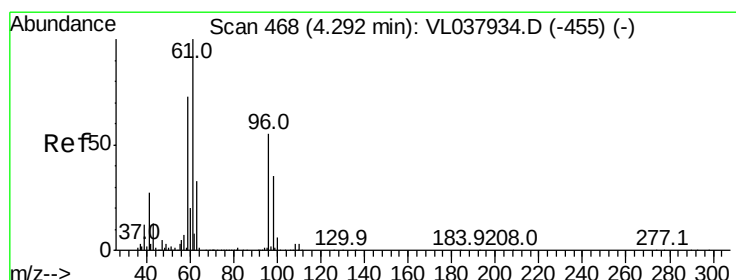
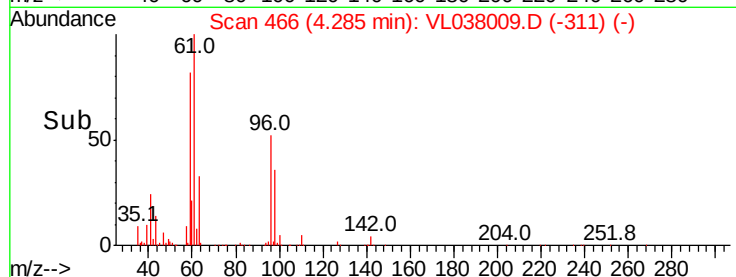
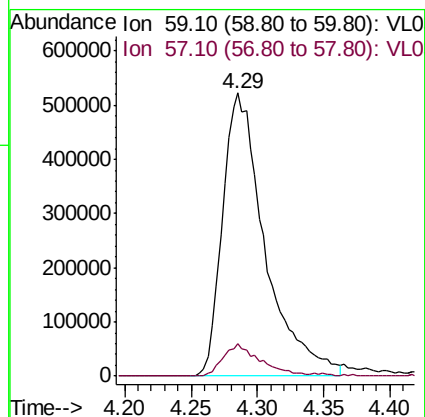
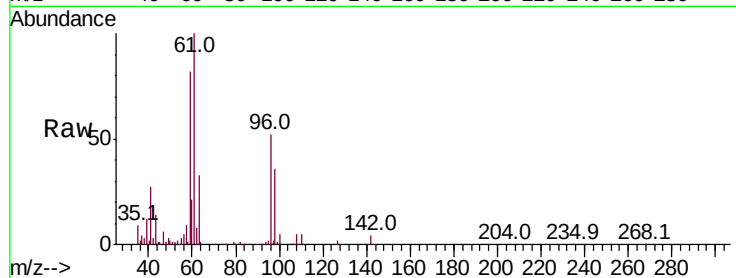
Acq: 10 Nov 2021 14:12

Tot Ion: 59 Resp: 1161747

Ion Ratio Lower Upper

59 100

57 11.1 8.9 13.3



#18

1,1-Dichloroethene

Concen: 8.770 ppbv

RT: 4.29 min Scan# 467

Delta R.T. -0.00 min

Lab File: VL038009.D

Acq: 10 Nov 2021 14:12

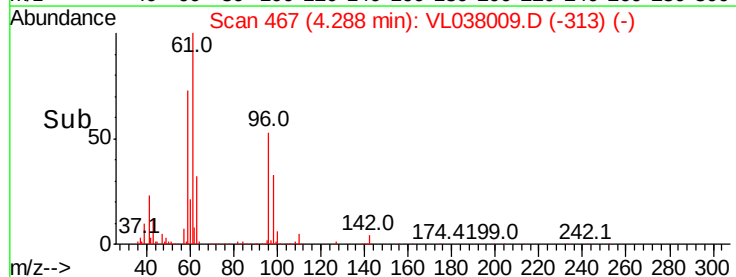
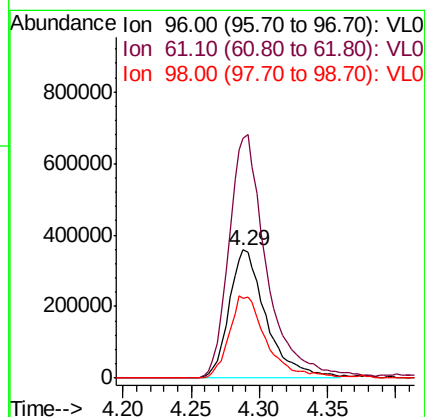
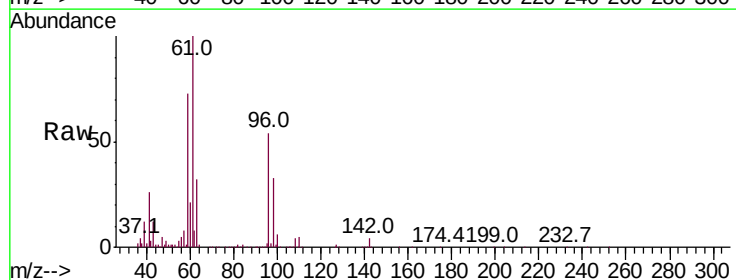
Tgt Ion: 96 Resp: 678115

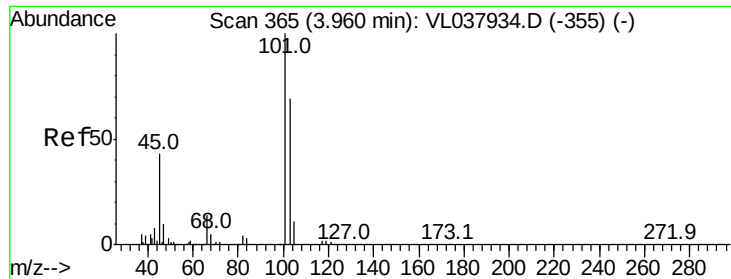
Ion Ratio Lower Upper

96 100

61 186.7 144.3 216.5

98 62.6 50.5 75.7





#19

Isopropyl Alcohol

Concen: 8.381 ppbv

RT: 3.96 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

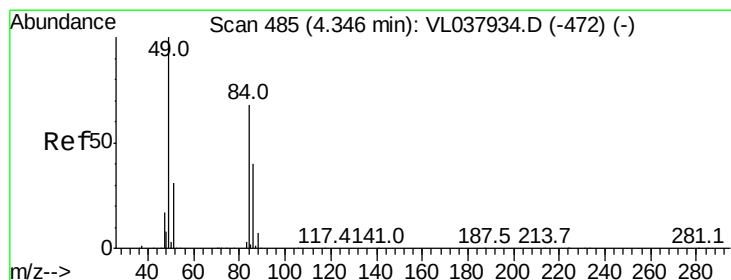
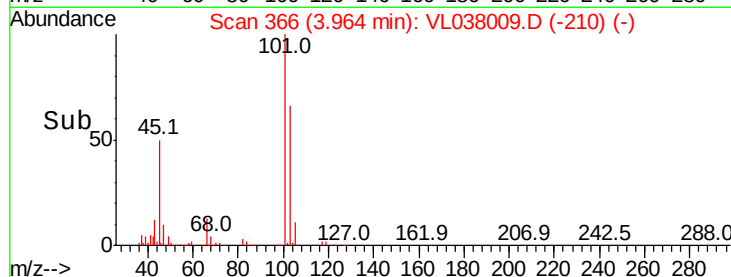
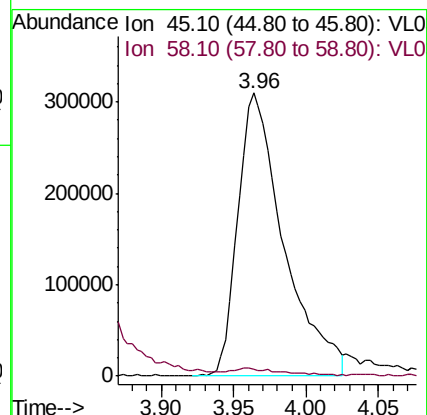
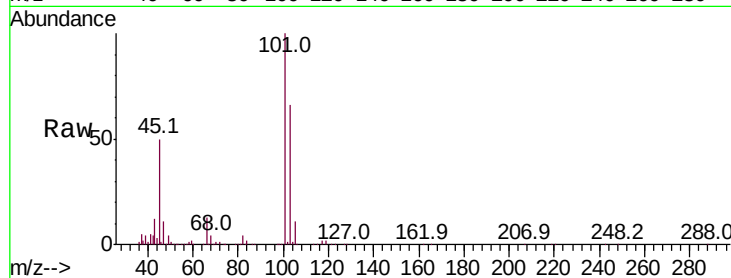
Acq: 10 Nov 2021 14:12

Tot Ion: 45 Resp: 680272

Ion Ratio Lower Upper

45 100

58 3.6 4.0 6.0#



#20

Methylene Chloride

Concen: 8.330 ppbv

RT: 4.34 min Scan# 484

Delta R.T. -0.00 min

Lab File: VL038009.D

Acq: 10 Nov 2021 14:12

Tgt Ion: 84 Resp: 580495

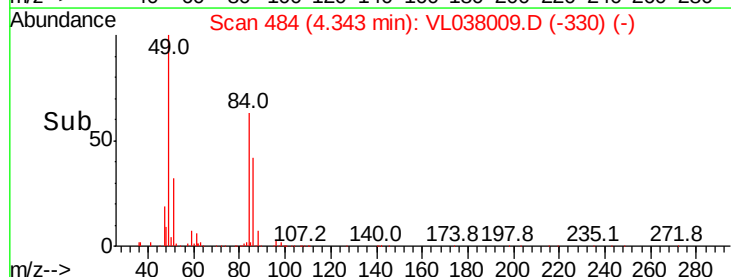
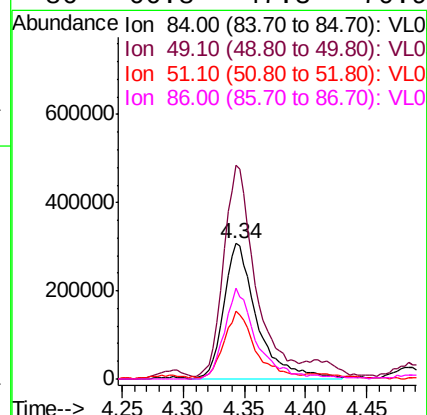
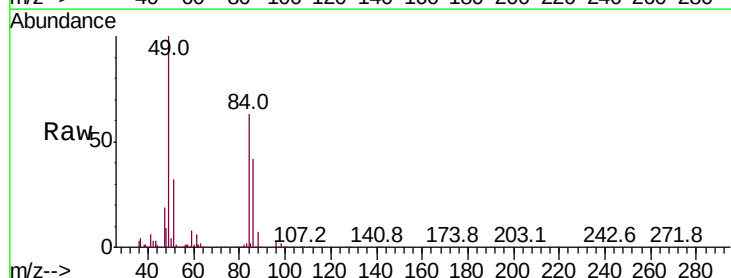
Ion Ratio Lower Upper

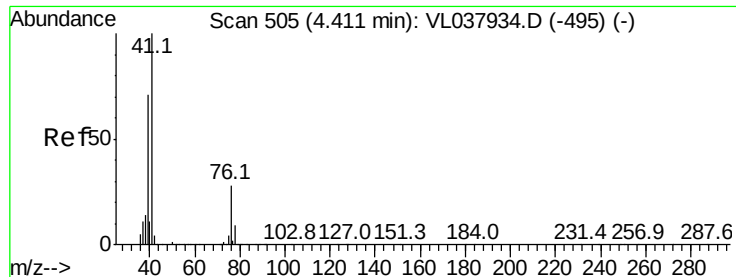
84 100

49 156.2 117.5 176.3

51 48.7 35.9 53.9

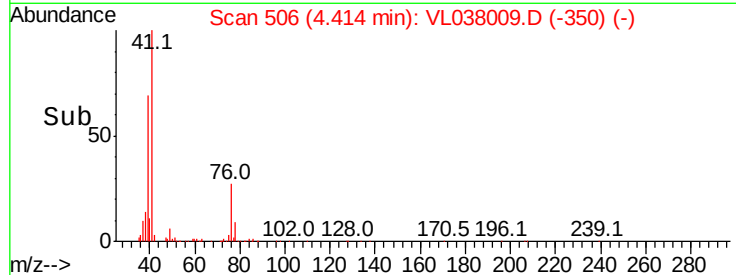
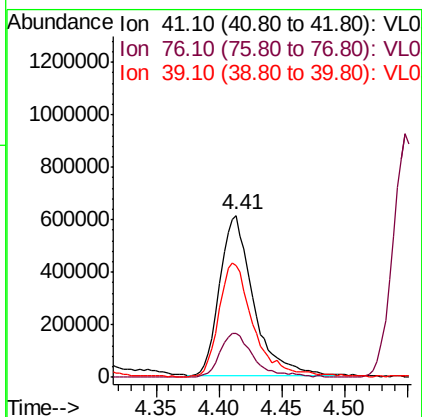
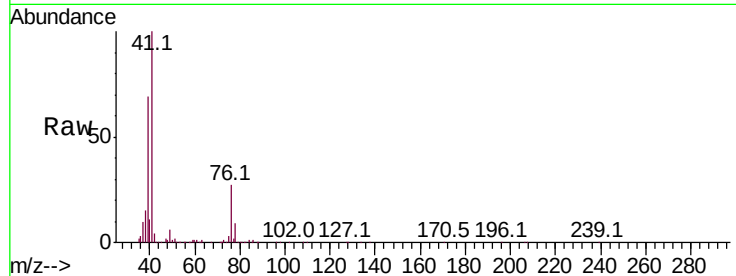
86 66.8 47.3 70.9





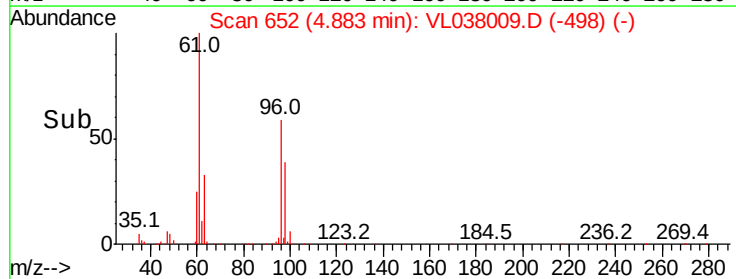
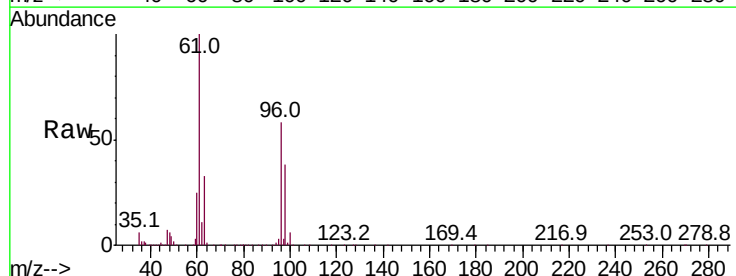
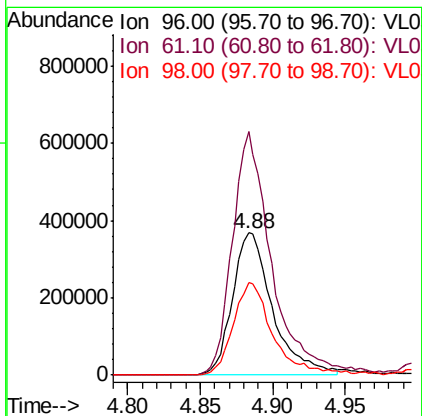
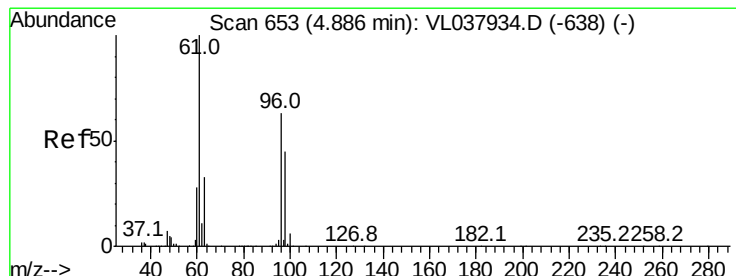
#21
 Allvl Chloride
 Concen: 9.715 ppbv
 RT: 4.41
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 10 Nov 2021 14:12

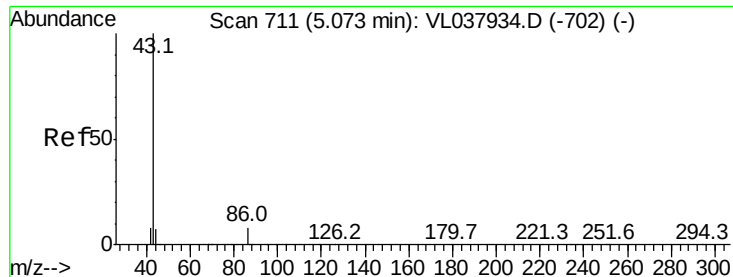
Tot Ion: 41 Resp: 1137867
 Ion Ratio Lower Upper
 41 100
 76 27.9 23.6 35.4
 39 74.0 59.7 89.5



#22
 trans-1,2-Dichloroethene
 Concen: 9.227 ppbv
 RT: 4.88 min Scan# 652
 Delta R.T. -0.00 min
 Lab File: VL038009.D
 Acq: 10 Nov 2021 14:12

Tgt Ion: 96 Resp: 708951
 Ion Ratio Lower Upper
 96 100
 61 171.5 127.8 191.6
 98 65.7 56.9 85.3





#23

Vinyl Acetate

Concen: 10.937 ppbv

RT: 5.07 Instrument:

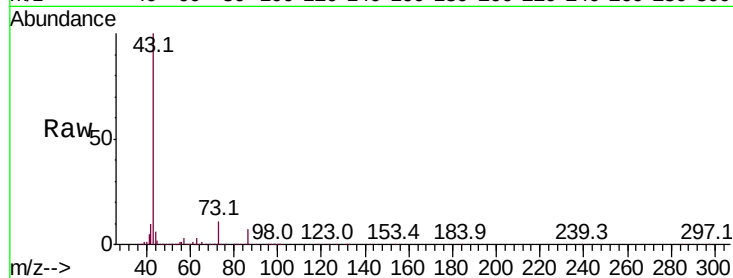
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 10 Nov 2021 14:12

Tot Ion: 43 Resp: 2090317

Ion	Ratio	Lower	Upper
43	100		
86	7.0	5.5	8.3
42	9.5	7.4	11.2
44	6.0	4.7	7.1

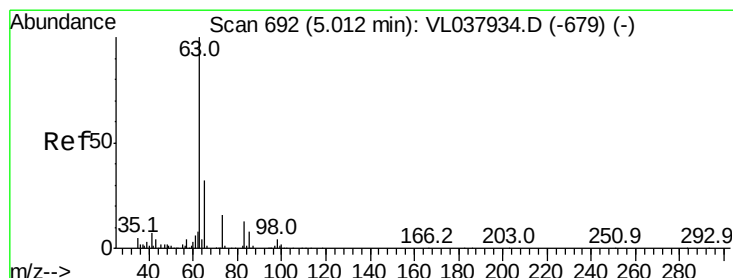
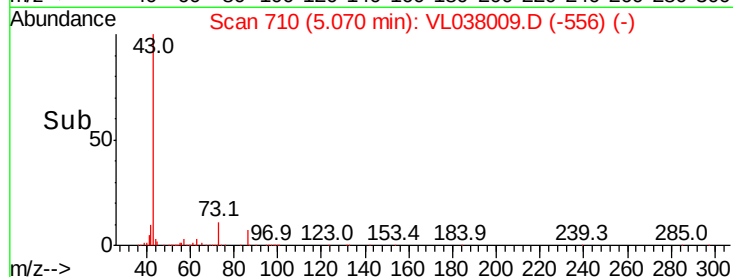
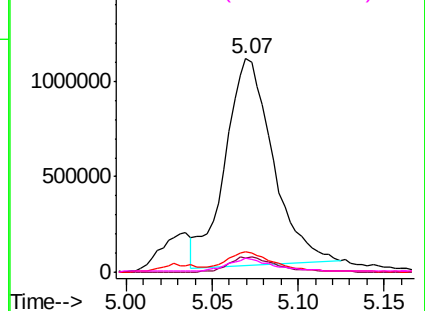


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 9.699 ppbv

RT: 5.01 min Scan# 691

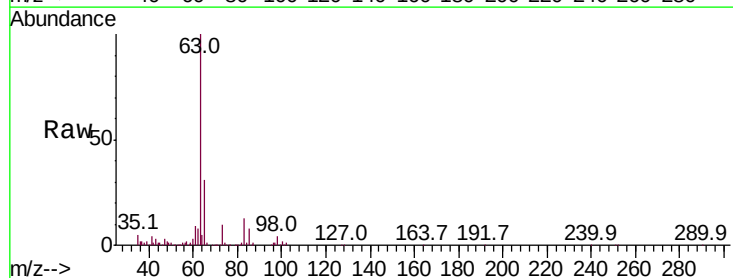
Delta R.T. -0.00 min

Lab File: VL038009.D

Acq: 10 Nov 2021 14:12

Tgt Ion: 63 Resp: 1531567

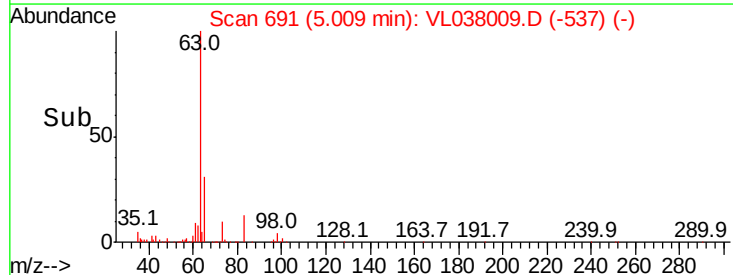
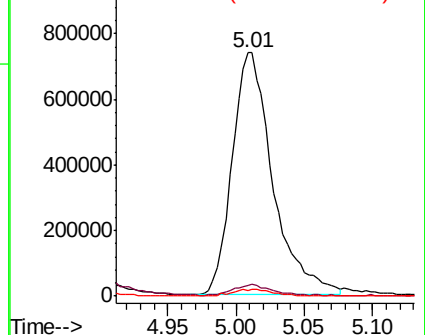
Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.3	6.9
100	2.3	1.2	3.6

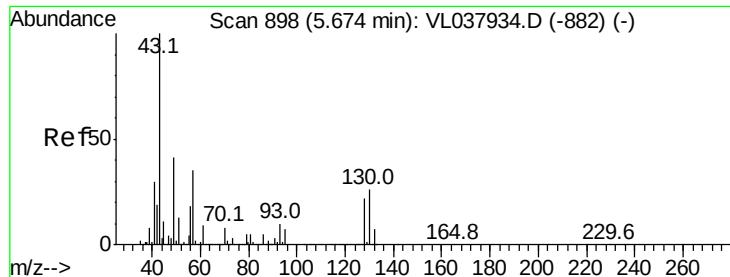


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

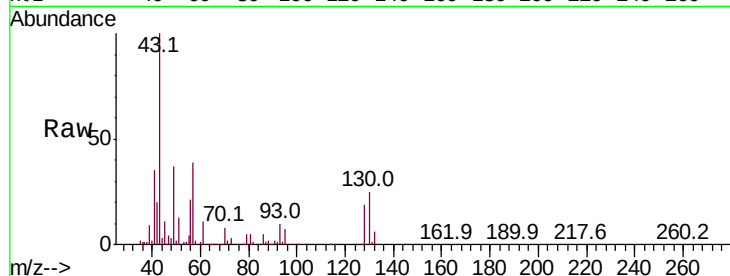
Ion 100.00 (99.70 to 100.70): VL0





#25
Ethyl Acetate
Concen: 9.433 ppbv
RT: 5.67 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 10 Nov 2021 14:12

Tot Ion:	43	Resp:	3556246
Ion	Ratio	Lower	Upper
43	100		
45	10.0	8.1	12.1
61	10.1	8.1	12.1
70	7.2	5.8	8.6



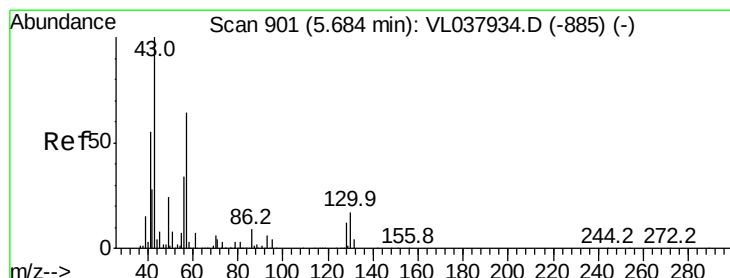
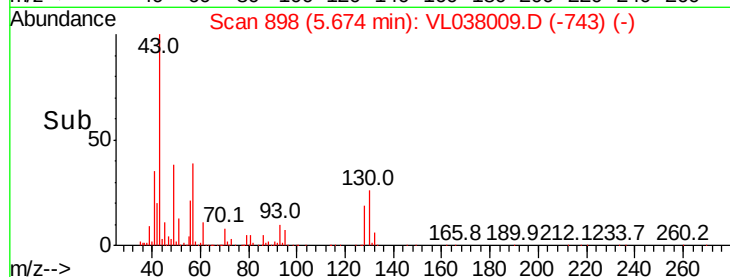
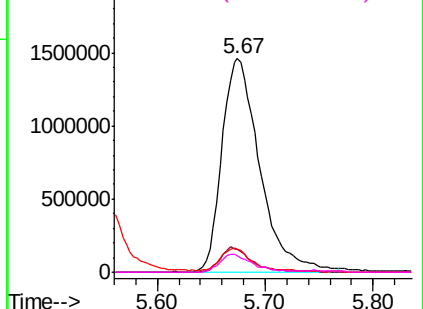
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

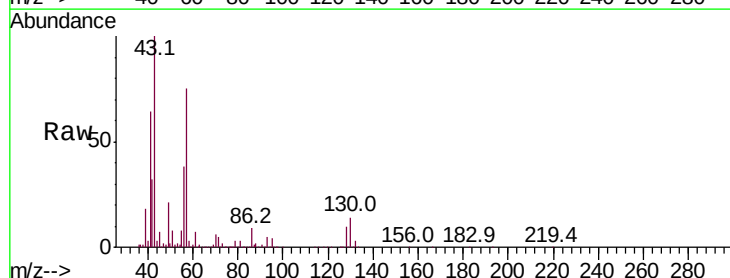
Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 9.380 ppbv
RT: 5.69 min Scan# 902
Delta R.T.: 0.00 min
Lab File: VL038009.D
Acq: 10 Nov 2021 14:12

Tgt Ion:	57	Resp:	1675597
Ion	Ratio	Lower	Upper
57	100		
41	89.1	71.0	106.6
43	214.7	173.0	259.6
56	54.4	43.6	65.4



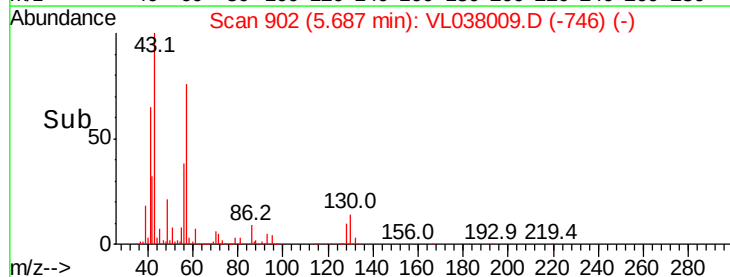
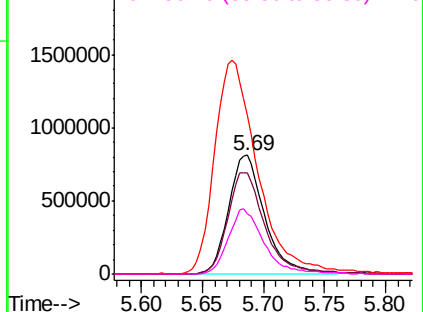
Abundance

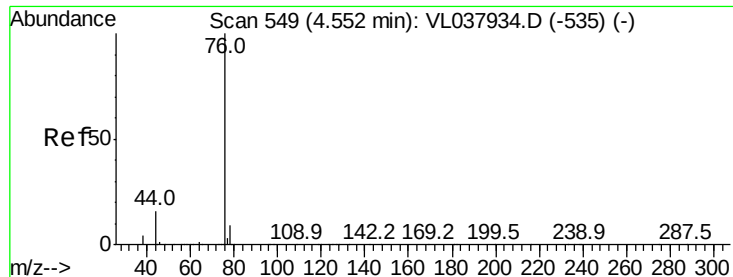
Ion 57.10 (56.80 to 57.80): VL0

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: 9.777 ppbv

RT: 4.55 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 10 Nov 2021 14:12

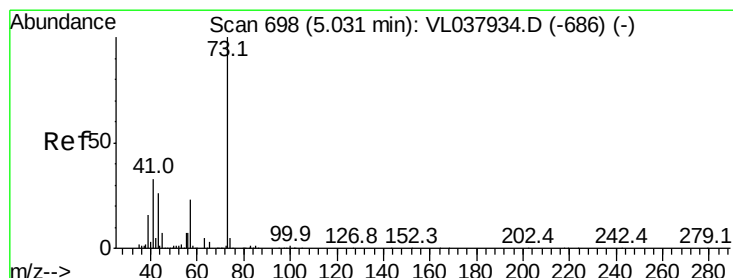
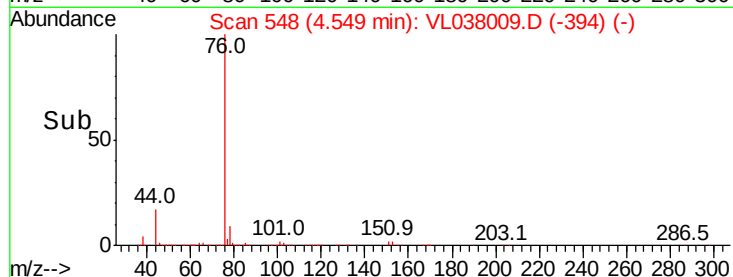
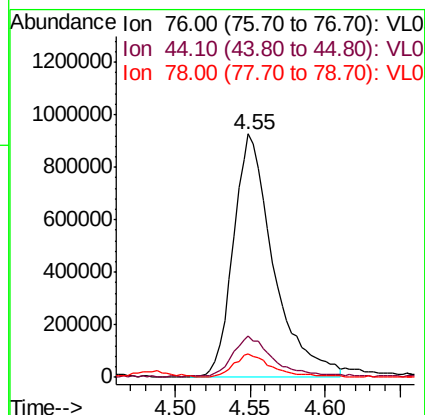
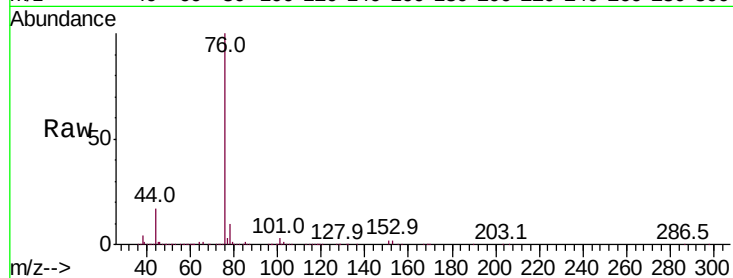
Tot Ion: 76 Resp: 1724127

Ion Ratio Lower Upper

76 100

44 17.0 13.2 19.8

78 9.8 7.2 10.8



#28

Methyl tert-Butyl Ether

Concen: 11.609 ppbv

RT: 5.03 min Scan# 699

Delta R.T. 0.00 min

Lab File: VL038009.D

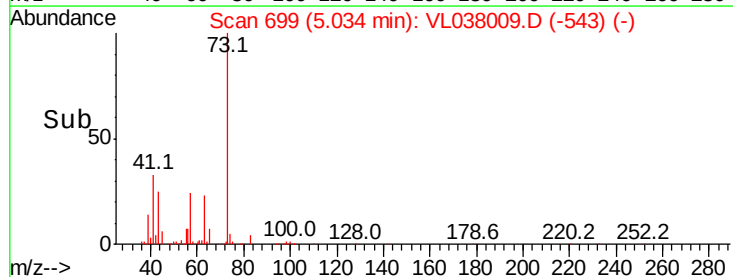
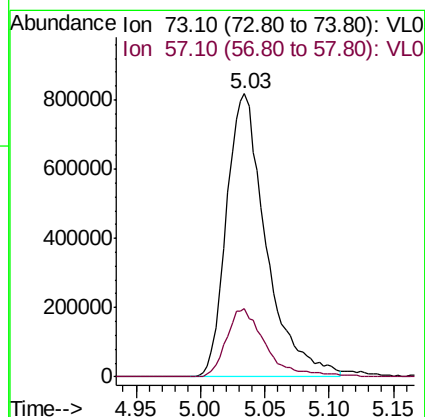
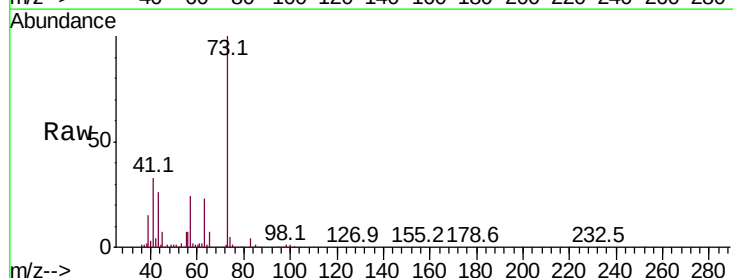
Acq: 10 Nov 2021 14:12

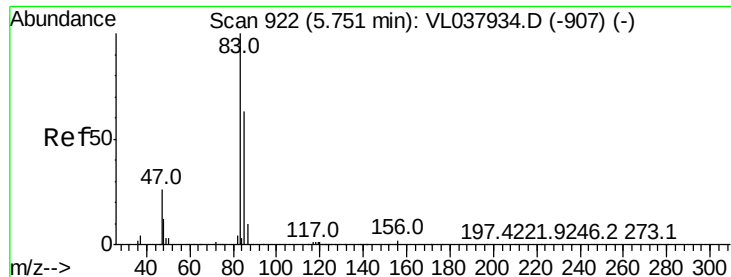
Tgt Ion: 73 Resp: 1743384

Ion Ratio Lower Upper

73 100

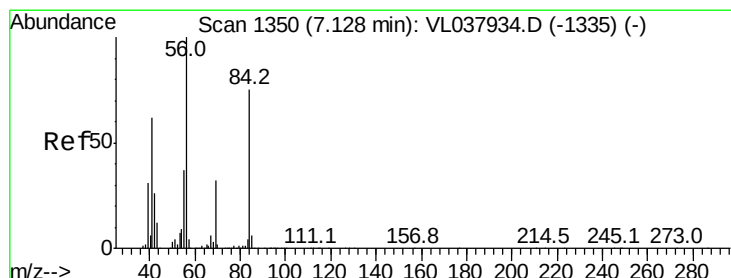
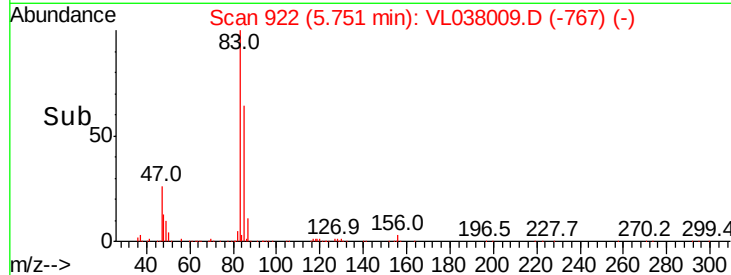
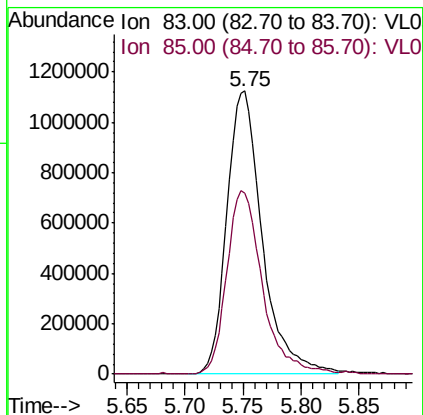
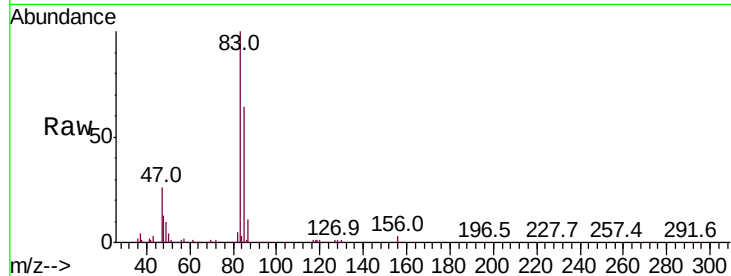
57 24.3 20.1 30.1





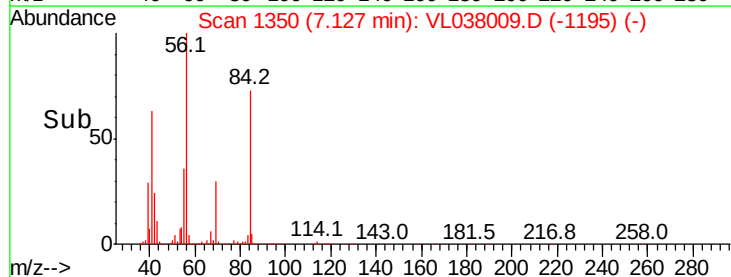
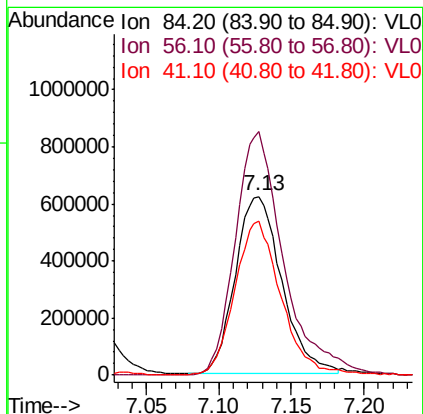
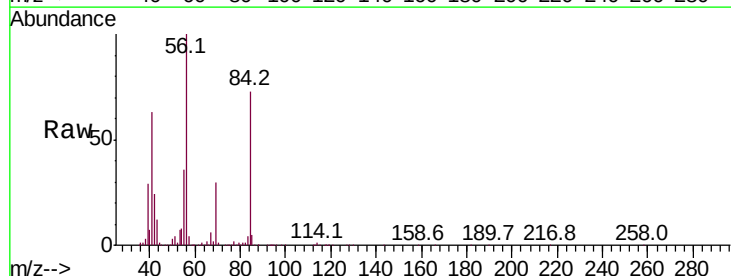
#29
Chloroform
Concen: 8.913 ppbv
RT: 5.75
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 10 Nov 2021 14:12

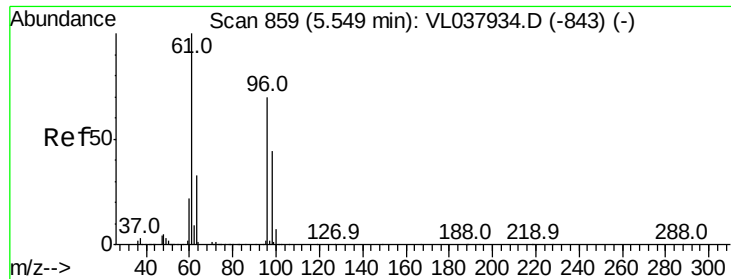
Tot Ion: 83 Resp: 2374385
Ion Ratio Lower Upper
83 100
85 63.6 50.6 76.0



#30
Cyclohexane
Concen: 9.104 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VL038009.D
Acq: 10 Nov 2021 14:12

Tgt Ion: 84 Resp: 1390224
Ion Ratio Lower Upper
84 100
56 142.9 114.0 171.0
41 86.5 68.3 102.5





#31

cis-1,2-Dichloroethene

Concen: 9.470 ppbv

RT: 5.55 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 10 Nov 2021 14:12

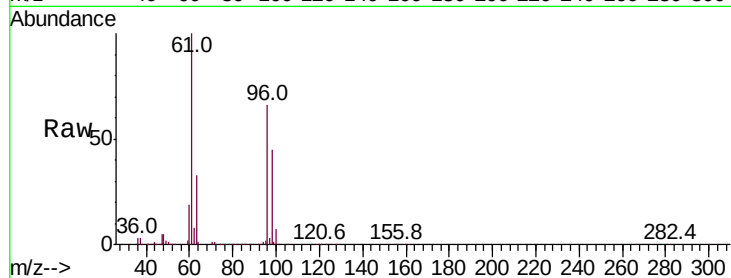
Tot Ion: 61 Resp: 1543352

Ion Ratio Lower Upper

61 100

96 66.4 55.6 83.4

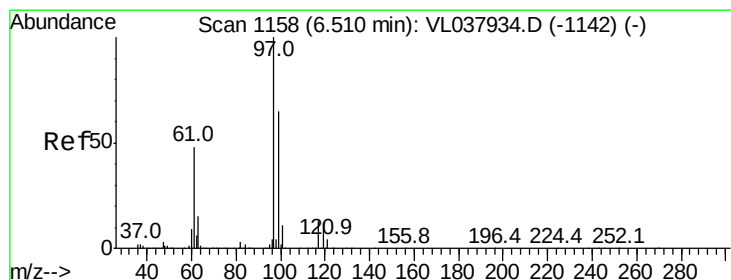
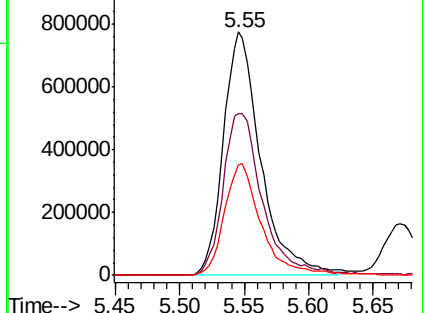
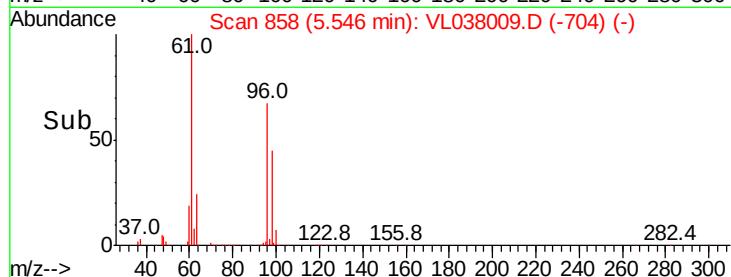
98 45.2 34.9 52.3



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: 8.721 ppbv

RT: 6.51 min Scan# 1157

Delta R.T. -0.00 min

Lab File: VL038009.D

Acq: 10 Nov 2021 14:12

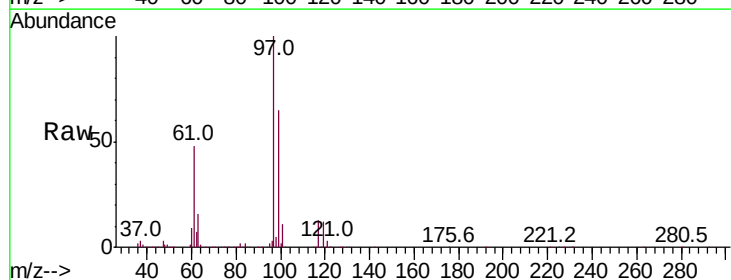
Tgt Ion: 97 Resp: 2283453

Ion Ratio Lower Upper

97 100

99 64.8 52.2 78.4

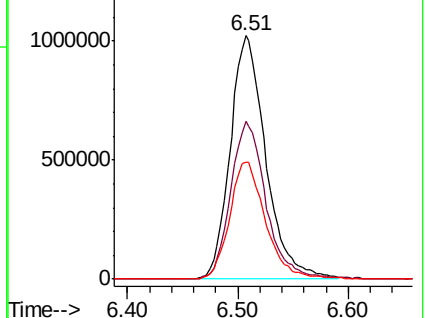
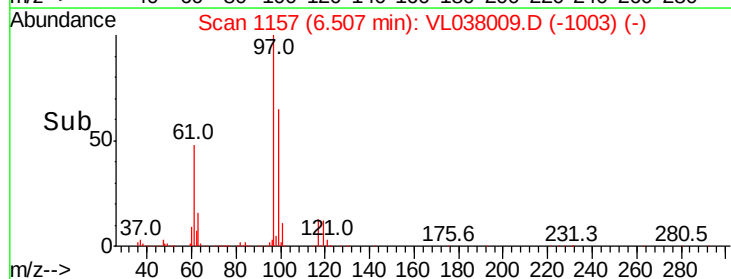
61 49.0 39.8 59.6

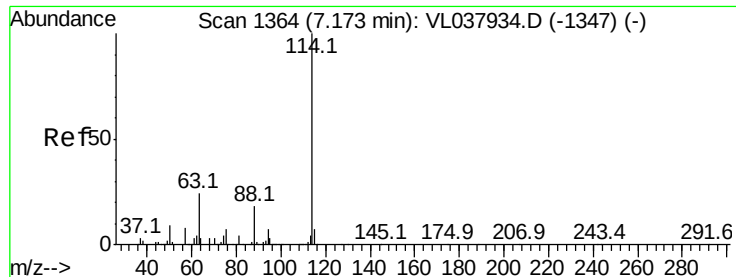


Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 99.00 (98.70 to 99.70): VL0

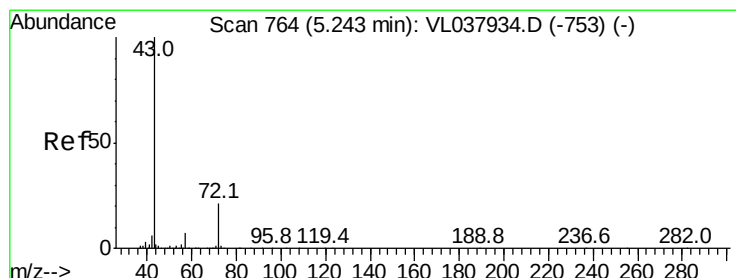
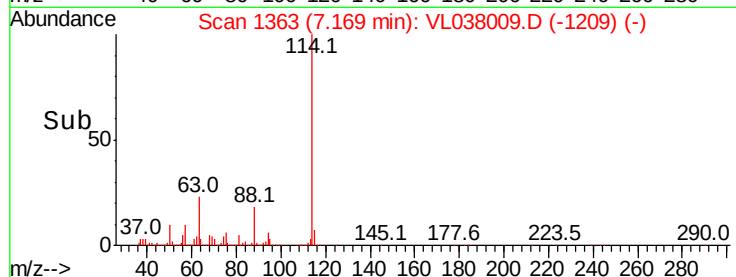
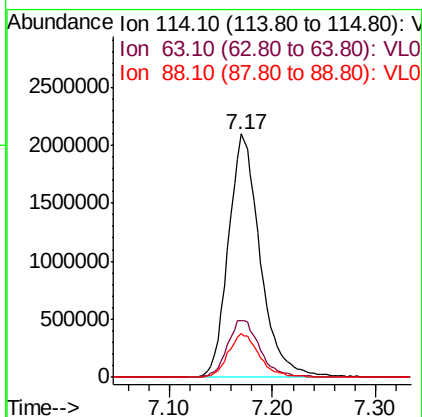
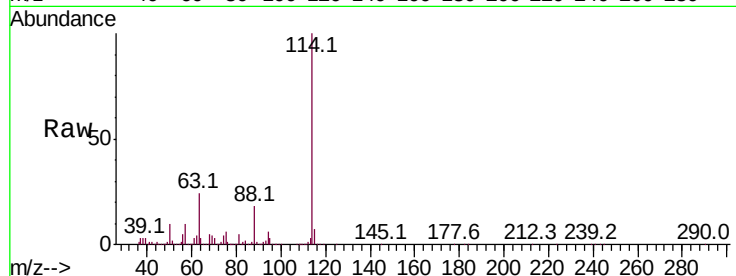
Ion 61.10 (60.80 to 61.80): VL0





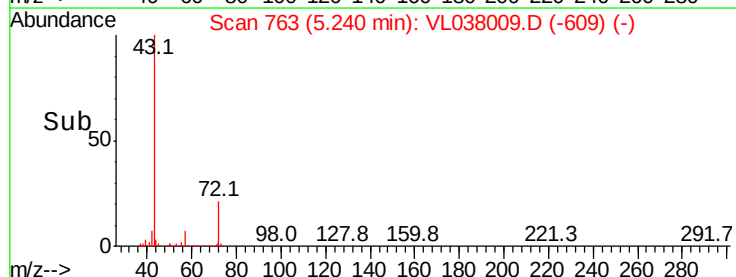
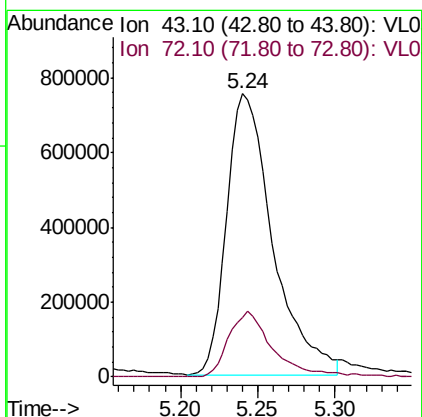
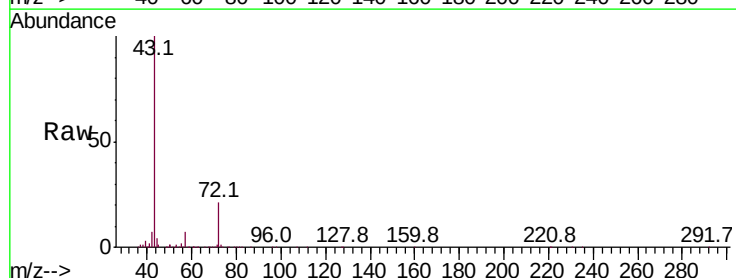
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 10 Nov 2021 14:12

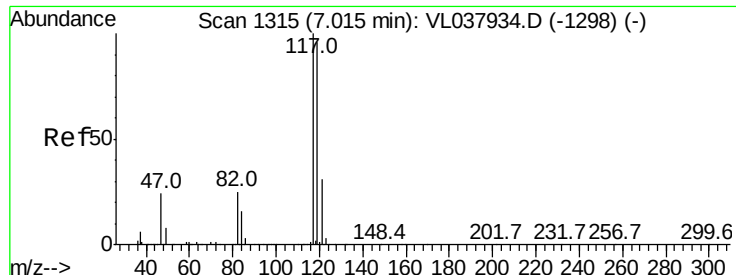
Tot Ion:114 Resp: 4495337
 Ion Ratio Lower Upper
 114 100
 63 24.2 19.4 29.0
 88 17.7 14.2 21.4



#34
 2-Butanone
 Concen: 9.356 ppbv
 RT: 5.24 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: VL038009.D
 Acq: 10 Nov 2021 14:12

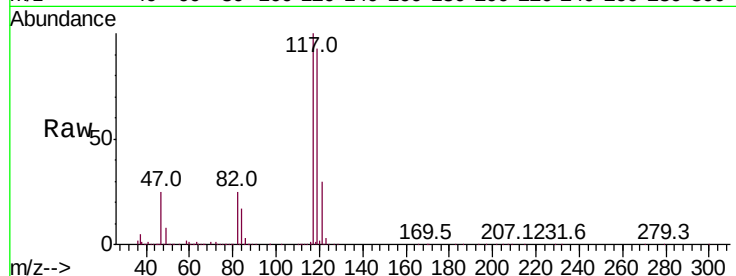
Tgt Ion: 43 Resp: 1558487
 Ion Ratio Lower Upper
 43 100
 72 22.8 18.3 27.5



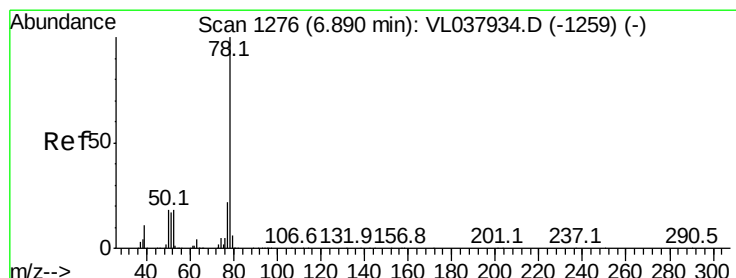
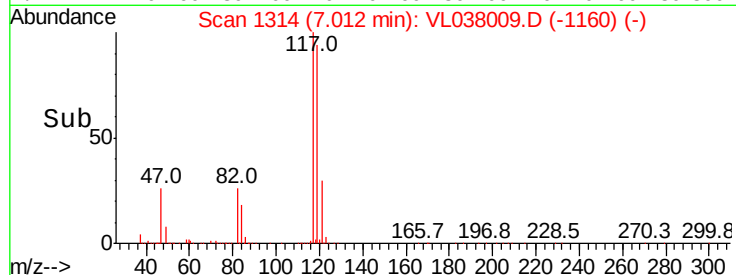
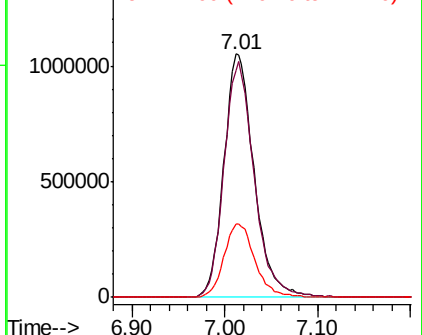


#35
Carbon Tetrachloride
Concen: 8.762 ppbv
RT: 7.01 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 10 Nov 2021 14:12

Tot Ion: 117 Resp: 2381302
Ion Ratio Lower Upper
117 100
119 93.3 76.6 114.8
121 30.3 25.1 37.7

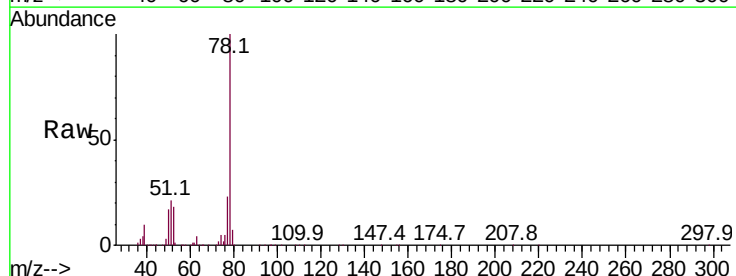


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

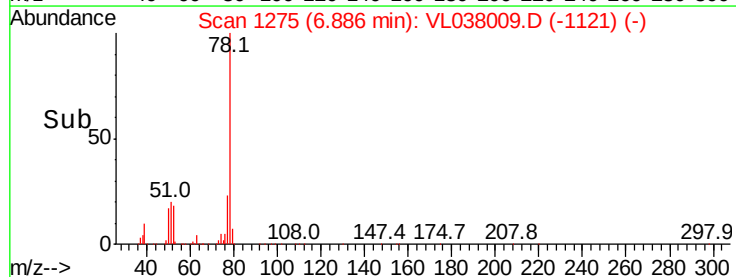
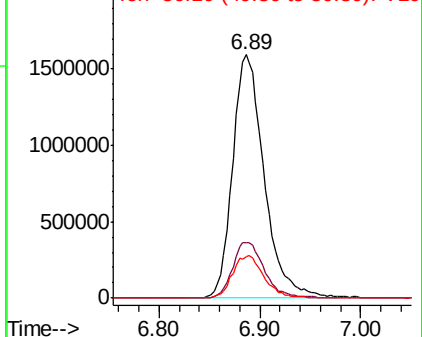


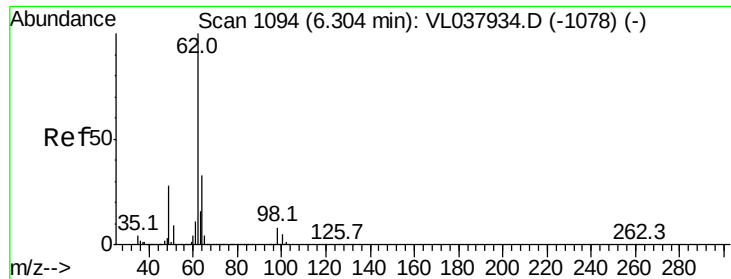
#36
Benzene
Concen: 9.453 ppbv
RT: 6.89 min Scan# 1275
Delta R.T.: -0.00 min
Lab File: VL038009.D
Acq: 10 Nov 2021 14:12

Tgt Ion: 78 Resp: 3460558
Ion Ratio Lower Upper
78 100
77 22.7 17.9 26.9
50 17.2 14.4 21.6



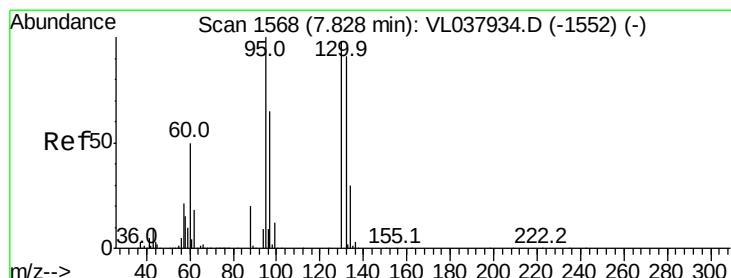
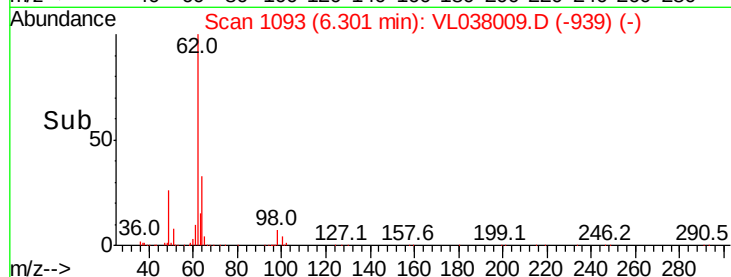
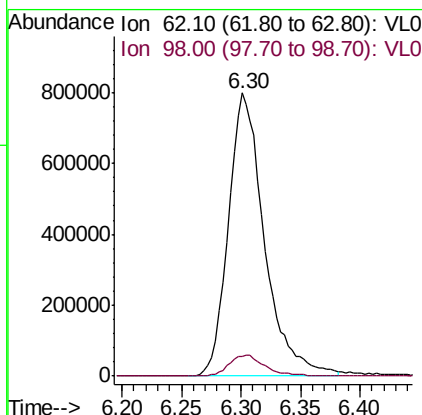
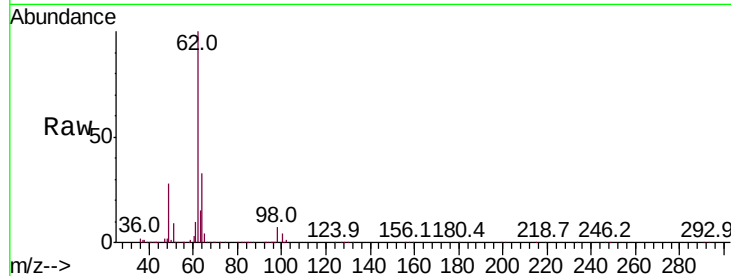
Abundance Ion 78.10 (77.80 to 78.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0





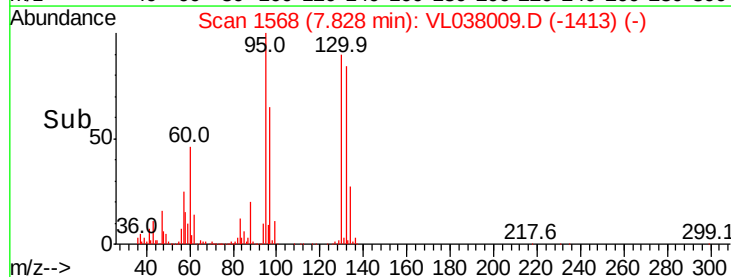
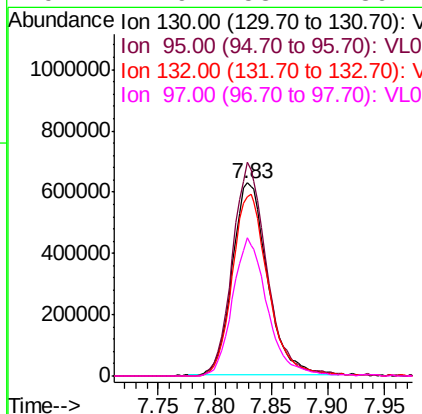
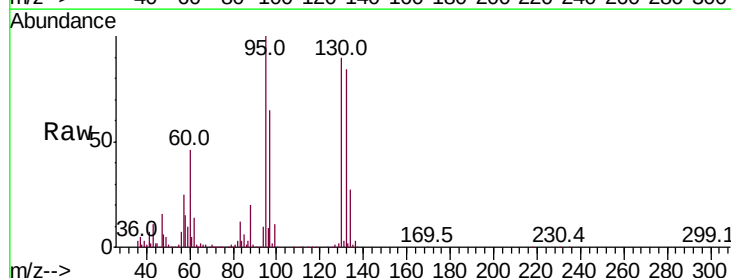
#37
 1,2-Dichloroethane
 Concen: 9.609 ppbv
 RT: 6.30
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 10 Nov 2021 14:12

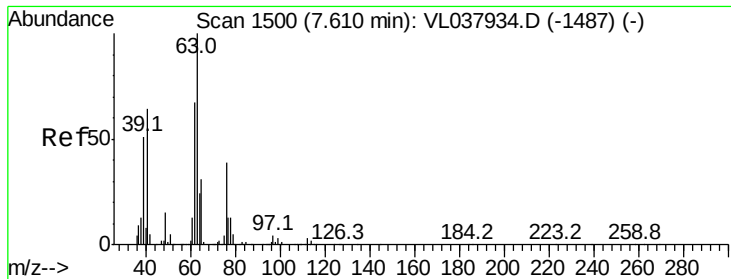
Tot Ion: 62 Resp: 1672364
 Ion Ratio Lower Upper
 62 100
 98 7.7 6.5 9.7



#38
 Trichloroethene
 Concen: 8.965 ppbv
 RT: 7.83 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VL038009.D
 Acq: 10 Nov 2021 14:12

Tgt Ion:130 Resp: 1362192
 Ion Ratio Lower Upper
 130 100
 95 111.1 81.8 122.8
 132 93.2 74.2 111.2
 97 71.9 53.4 80.2





#39

1,2-Dichloropropane

Concen: 9.683 ppbv

RT: 7.61 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 10 Nov 2021 14:12

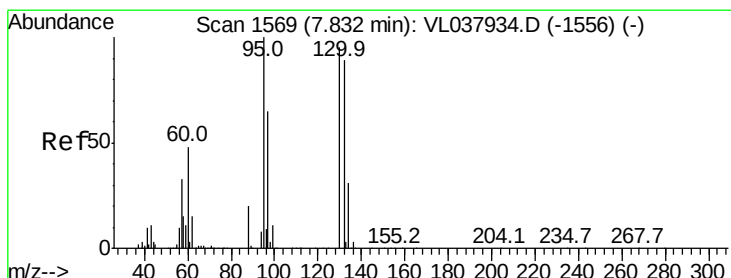
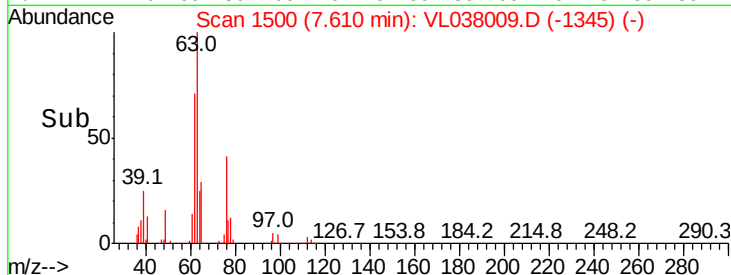
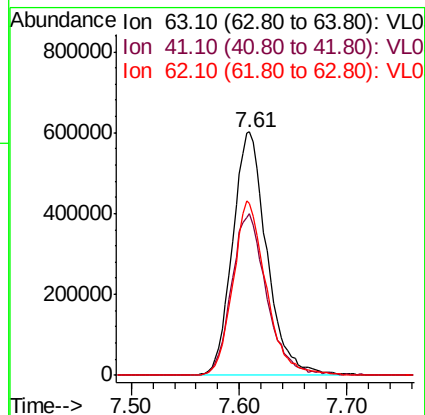
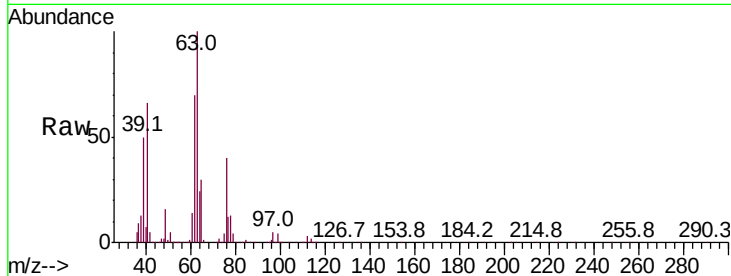
Tot Ion: 63 Resp: 1333845

Ion Ratio Lower Upper

63 100

41 65.9 51.6 77.4

62 70.2 53.5 80.3



#40

1,4-Dioxane

Concen: 9.452 ppbv

RT: 7.83 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VL038009.D

Acq: 10 Nov 2021 14:12

Tgt Ion: 88 Resp: 342889

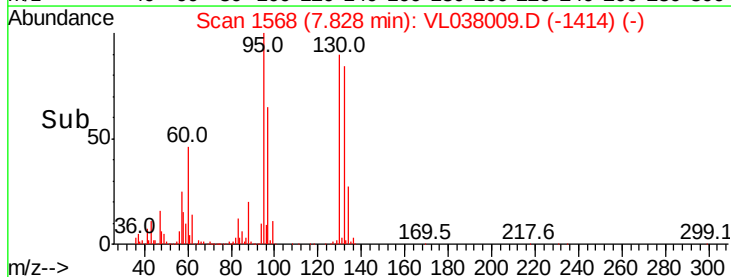
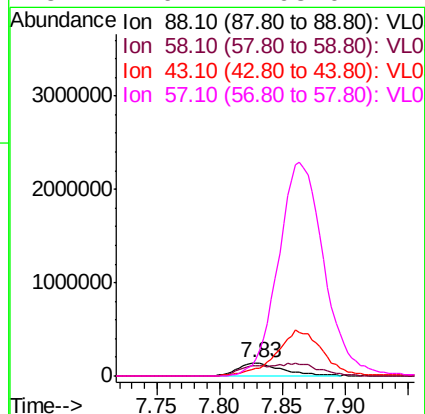
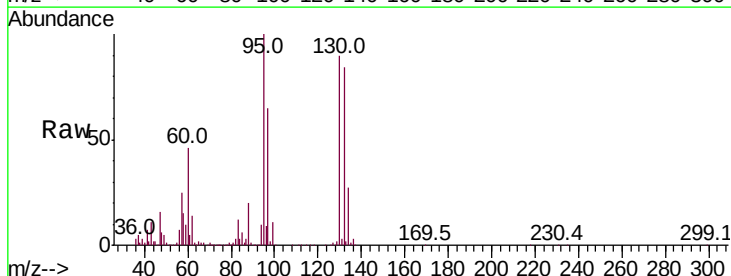
Ion Ratio Lower Upper

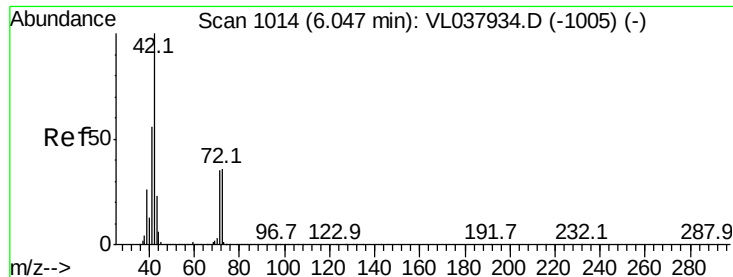
88 100

58 152.9 129.1 193.7

43 377.4 313.2 469.8

57 1710.2 1408.6 2112.8





#41

Tetrahydrofuran

Concen: 10.336 ppbv

RT: 6.05 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 10 Nov 2021 14:12

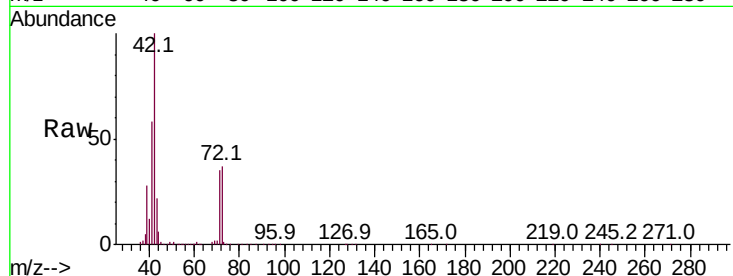
Tot Ion: 42 Resp: 842423

Ion Ratio Lower Upper

42 100

72 37.8 31.5 47.3

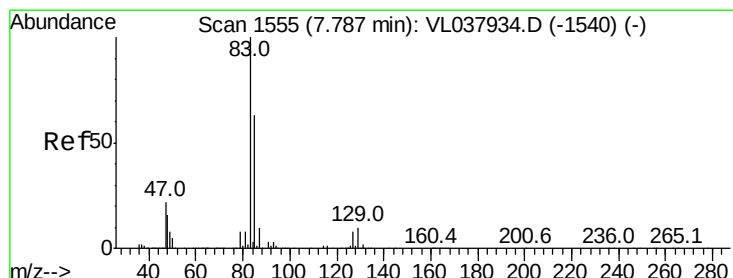
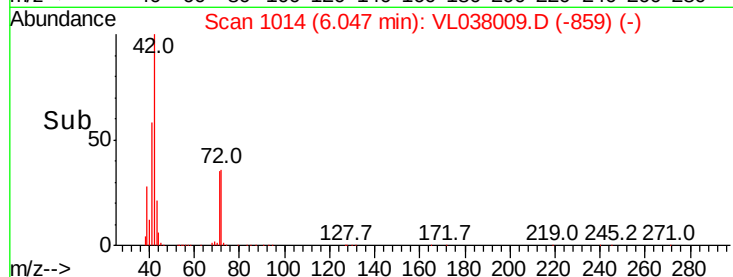
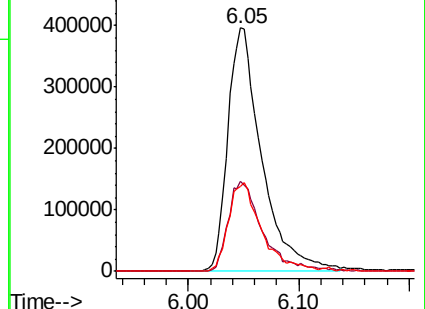
71 36.4 30.5 45.7



Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0



#42

Bromodichloromethane

Concen: 9.509 ppbv

RT: 7.79 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VL038009.D

Acq: 10 Nov 2021 14:12

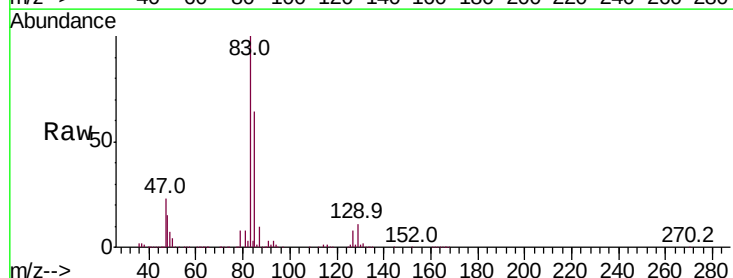
Tgt Ion: 83 Resp: 2502297

Ion Ratio Lower Upper

83 100

85 64.4 50.1 75.1

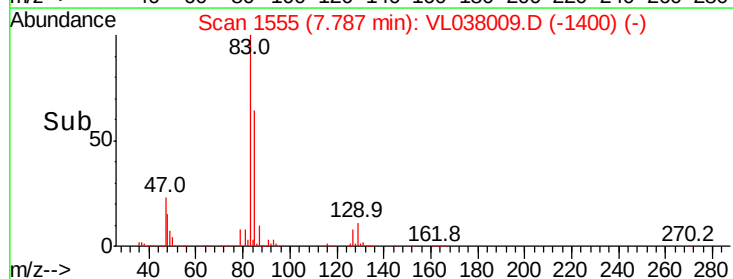
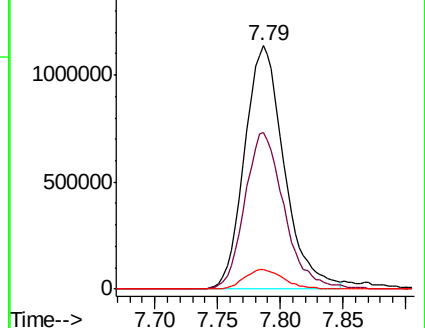
127 8.3 6.1 9.1

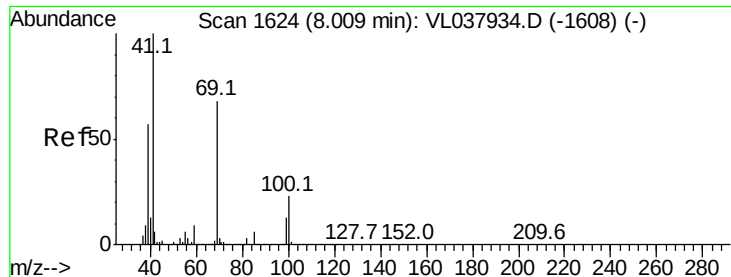


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): VL0





#43

Methyl Methacrylate

Concen: 10.333 ppbv

RT: 8.01 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 10 Nov 2021 14:12

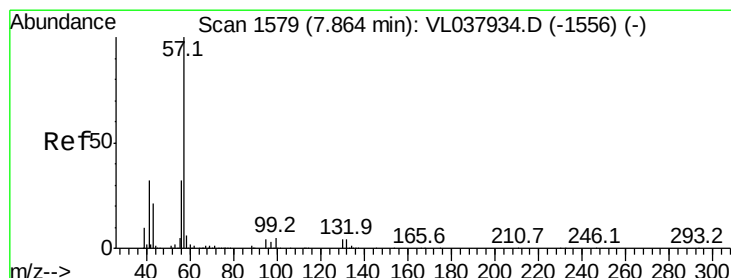
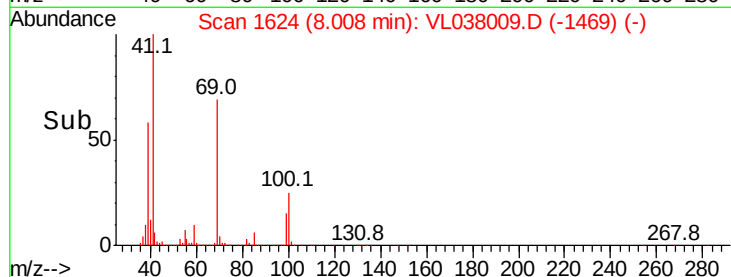
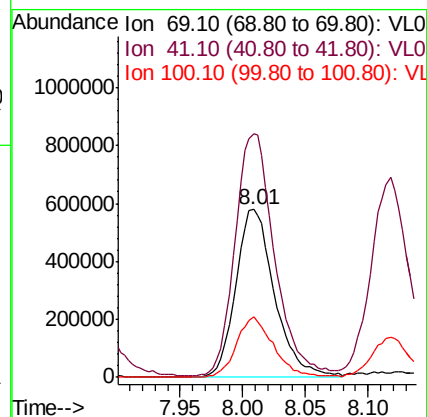
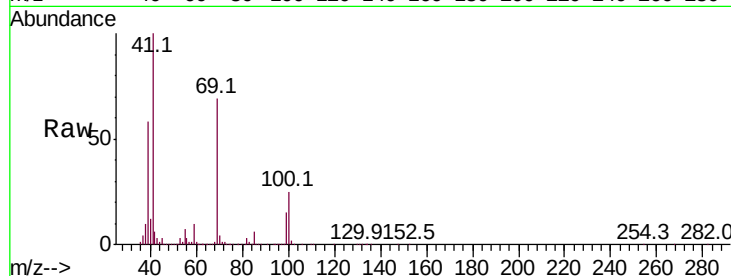
Tot Ion: 69 Resp: 1241629

Ion Ratio Lower Upper

69 100

41 149.3 117.4 176.2

100 34.5 27.8 41.6



#44

2,2,4-Trimethylpentane

Concen: 9.403 ppbv

RT: 7.86 min Scan# 1579

Delta R.T. -0.00 min

Lab File: VL038009.D

Acq: 10 Nov 2021 14:12

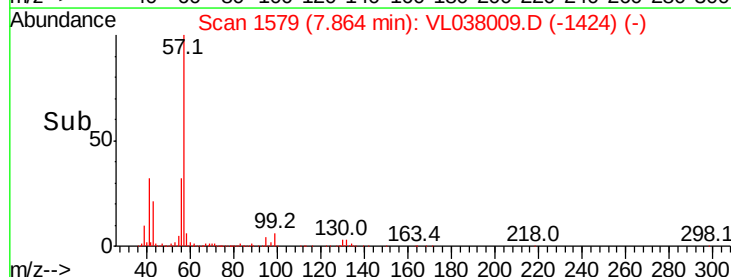
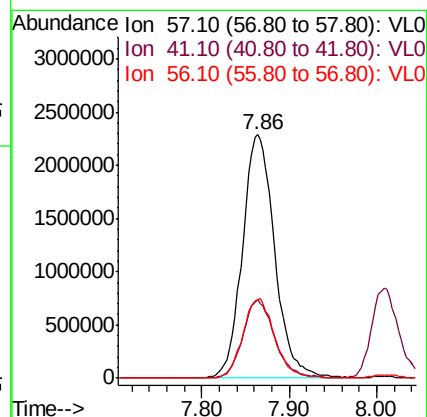
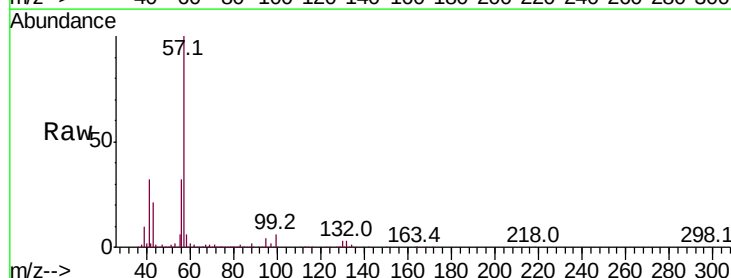
Tgt Ion: 57 Resp: 5854660

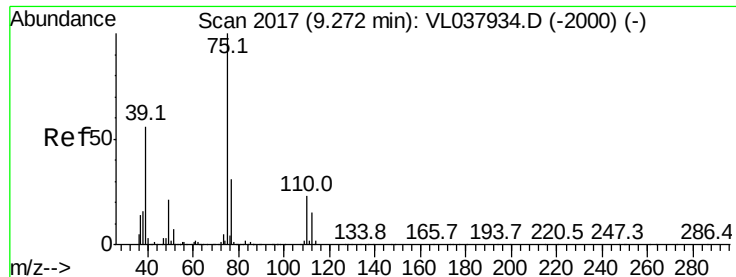
Ion Ratio Lower Upper

57 100

41 31.8 25.8 38.8

56 32.3 25.9 38.9





#45

t-1,3-Dichloropropene

Concen: 11.532 ppbv

RT: 9.27 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

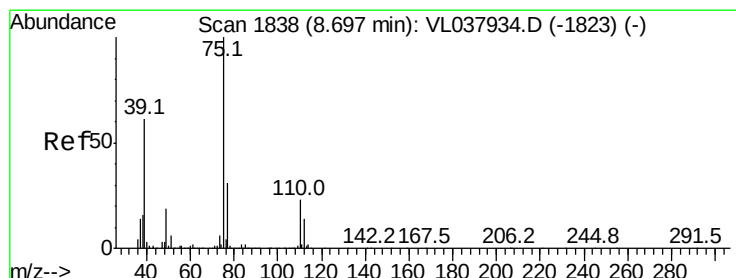
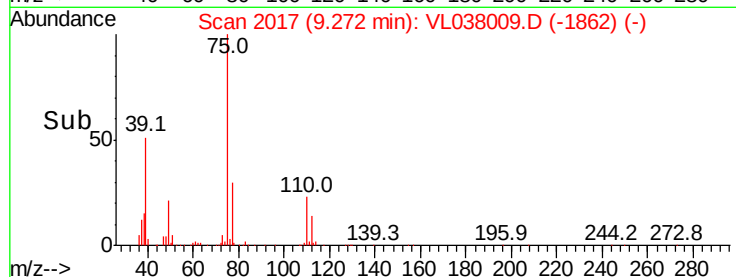
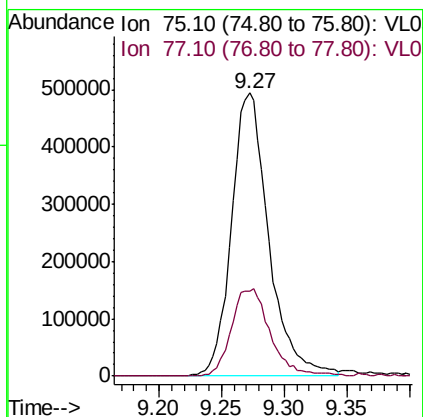
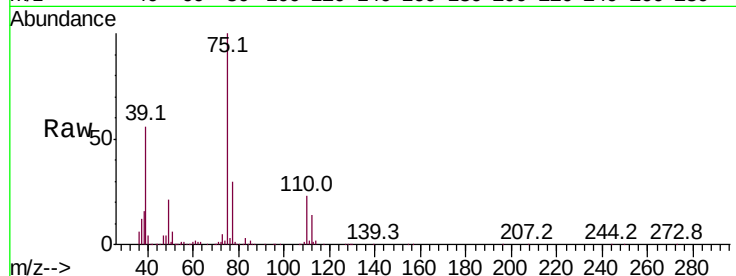
Acq: 10 Nov 2021 14:12

Tot Ion: 75 Resp: 1018178

Ion Ratio Lower Upper

75 100

77 29.8 25.2 37.8



#46

cis-1,3-Dichloropropene

Concen: 11.197 ppbv

RT: 8.70 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VL038009.D

Acq: 10 Nov 2021 14:12

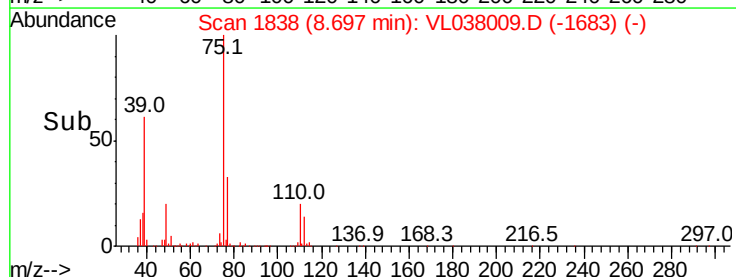
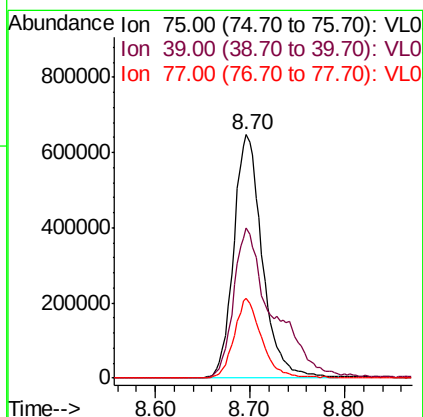
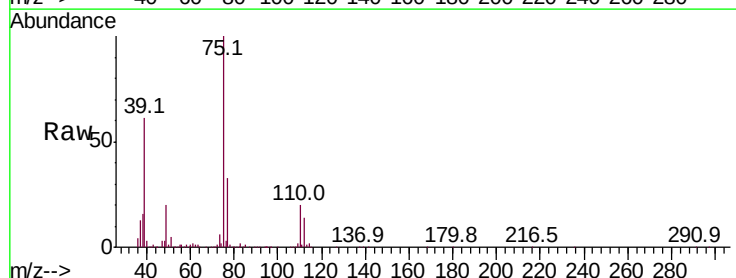
Tgt Ion: 75 Resp: 1359254

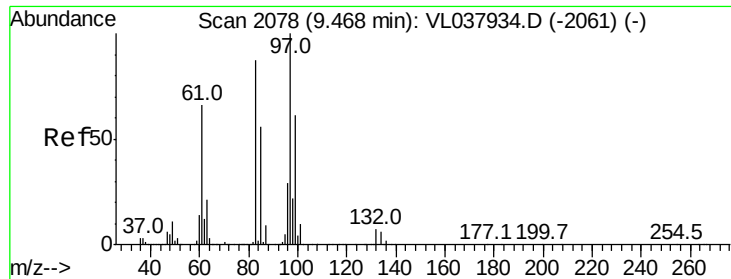
Ion Ratio Lower Upper

75 100

39 61.3 48.8 73.2

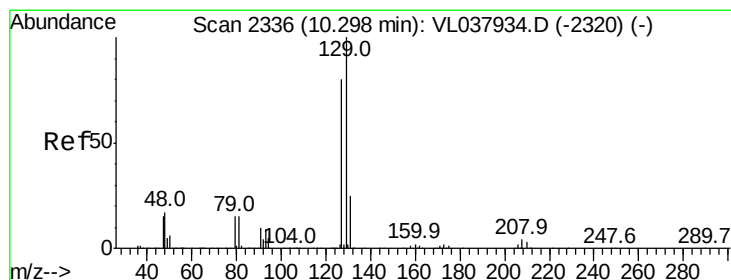
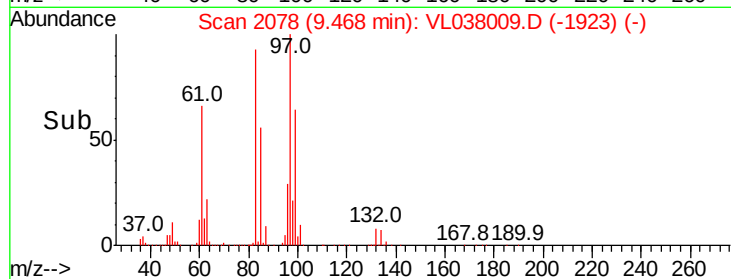
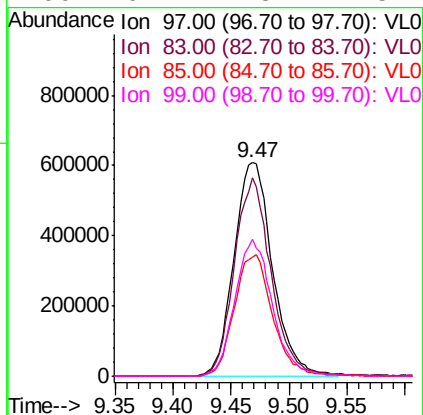
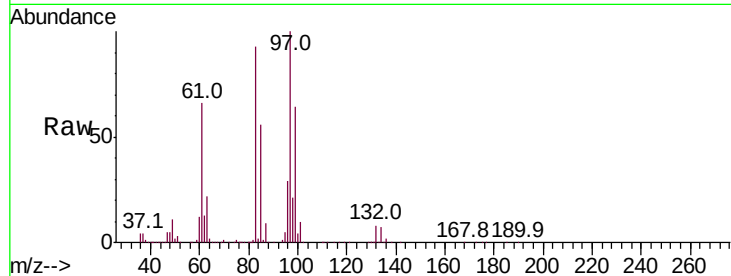
77 32.6 24.6 36.8





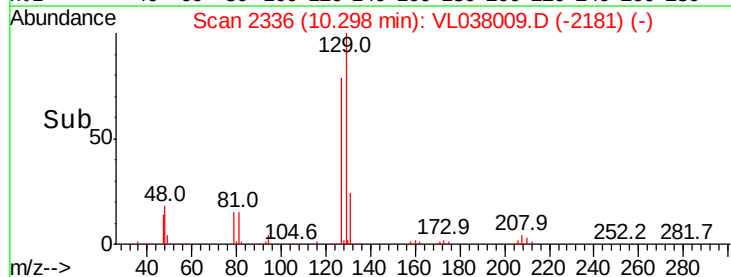
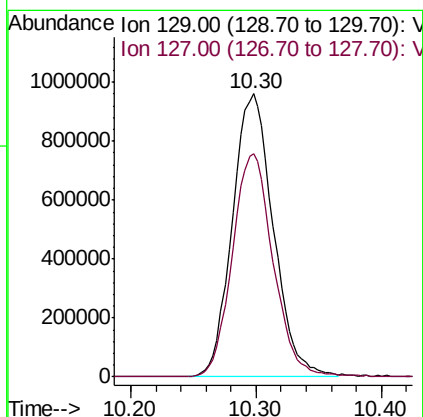
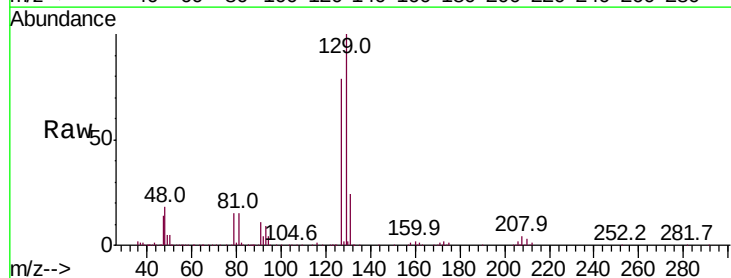
#47
 1,1,2-Trichloroethane
 Concen: 9.104 ppbv
 RT: 9.47 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 10 Nov 2021 14:12

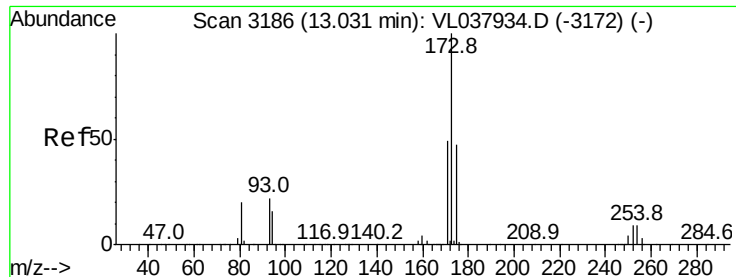
Tot Ion:	97	Resp:	1408917
Ion	Ratio	Lower	Upper
97	100		
83	92.7	69.4	104.2
85	55.8	45.0	67.6
99	64.1	48.7	73.1



#48
 Dibromochloromethane
 Concen: 9.942 ppbv
 RT: 10.30 min Scan# 2336
 Delta R.T.: -0.00 min
 Lab File: VL038009.D
 Acq: 10 Nov 2021 14:12

Tgt Ion:	129	Resp:	2178379
Ion	Ratio	Lower	Upper
129	100		
127	79.1	40.3	120.9





#49

Bromoform

Concen: 10.242 ppbv

RT: 13.03

Delta R.T. MSVOA_L

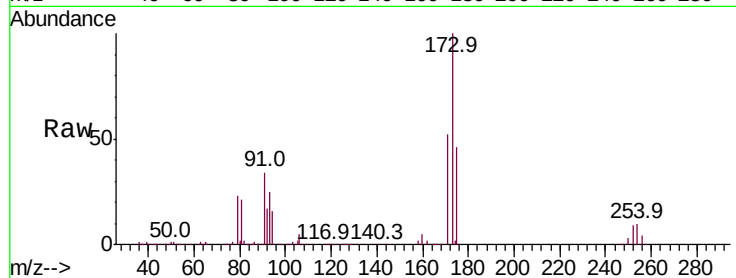
Lab File:

ClientSampleId :

Acq: 10 Nov 2021 14:12

Tot Ion:173 Resp: 1773975

Ion	Ratio	Lower	Upper
173	100		
175	49.3	39.5	59.3
171	52.2	43.6	65.4

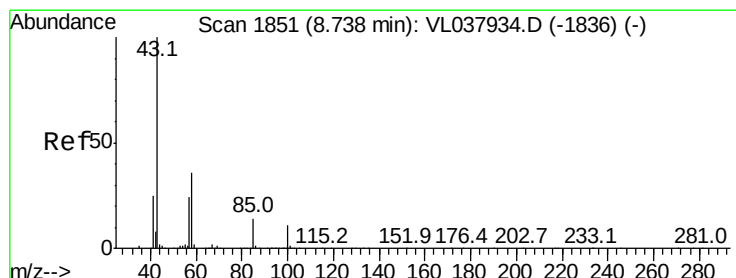
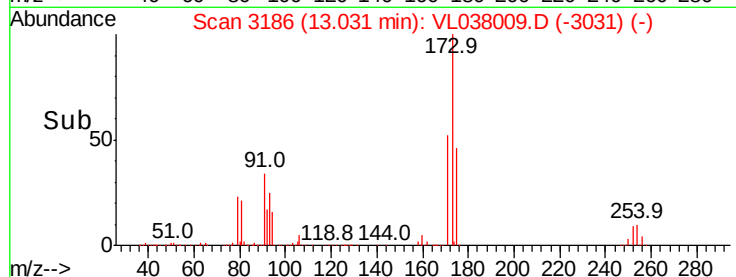
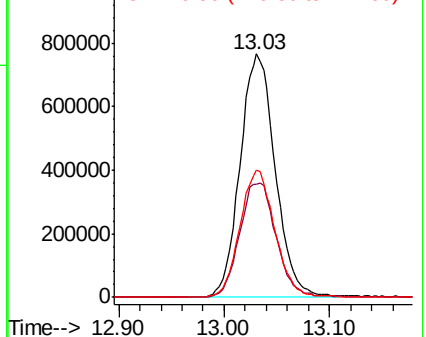


Abundance

Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 9.969 ppbv

RT: 8.74 min Scan# 1850

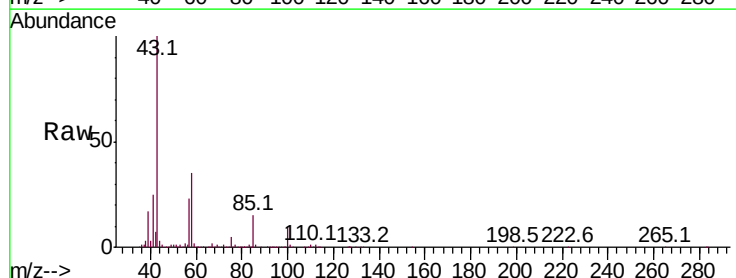
Delta R.T. -0.00 min

Lab File: VL038009.D

Acq: 10 Nov 2021 14:12

Tgt Ion: 43 Resp: 2181708

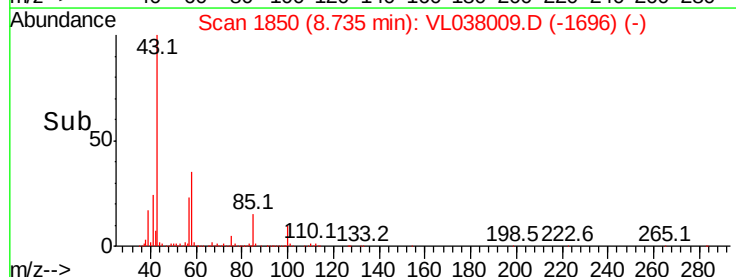
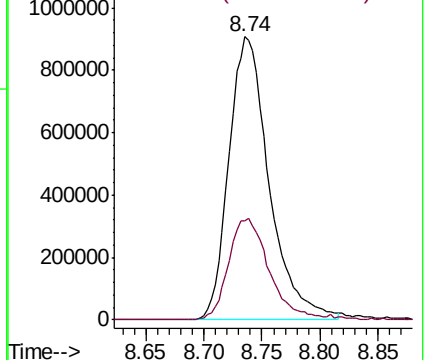
Ion	Ratio	Lower	Upper
43	100		
58	37.0	28.8	43.2

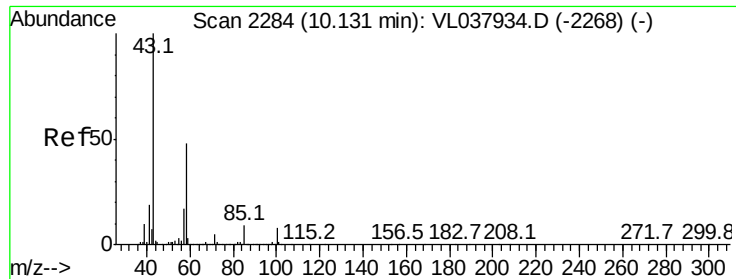


Abundance

Ion 43.10 (42.80 to 43.80): VL0

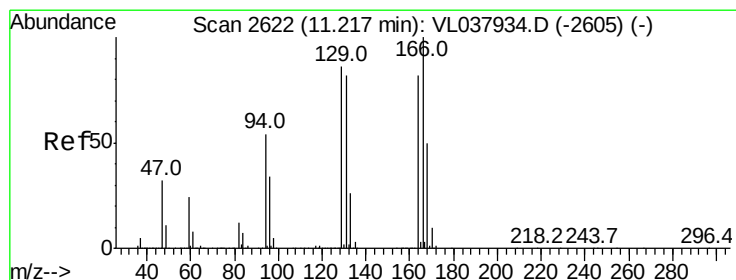
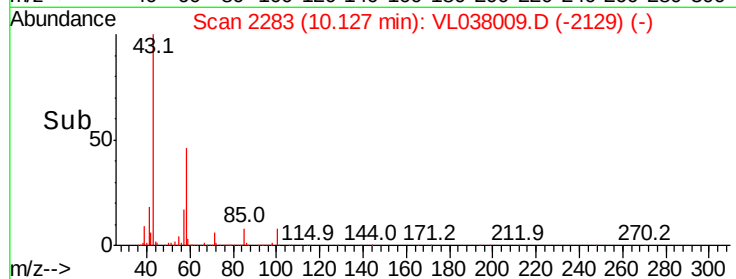
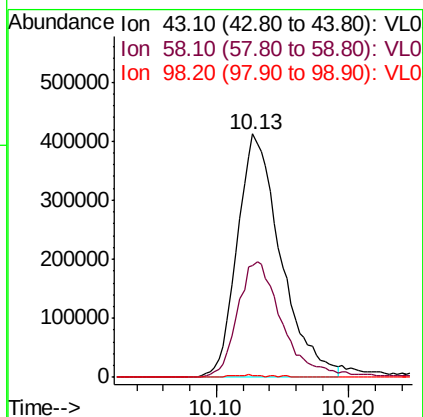
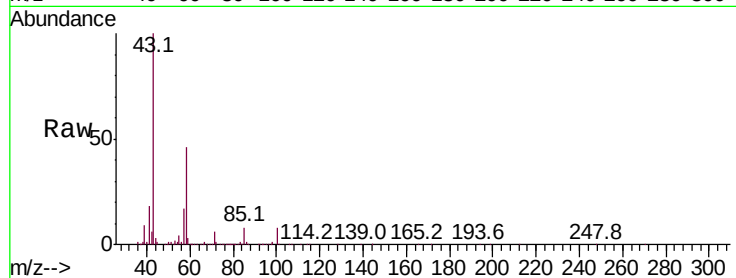
Ion 58.10 (57.80 to 58.80): VL0





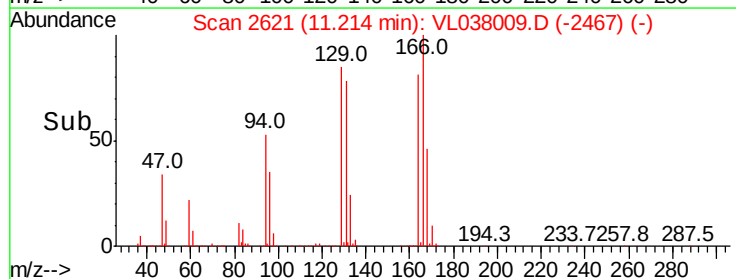
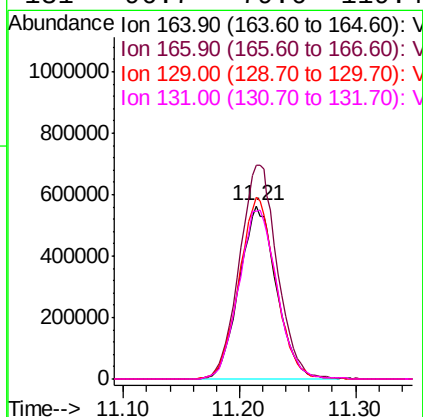
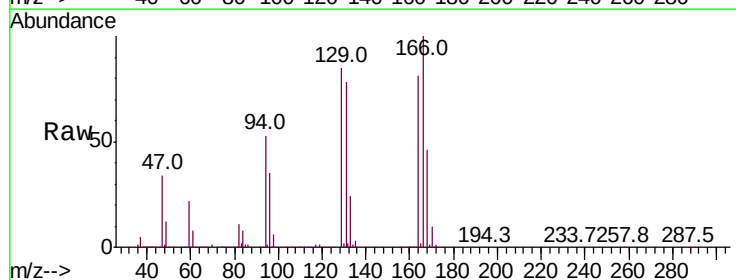
#51
2-Hexanone
Concen: 10.190 ppbv
RT: 10.13
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 10 Nov 2021 14:12

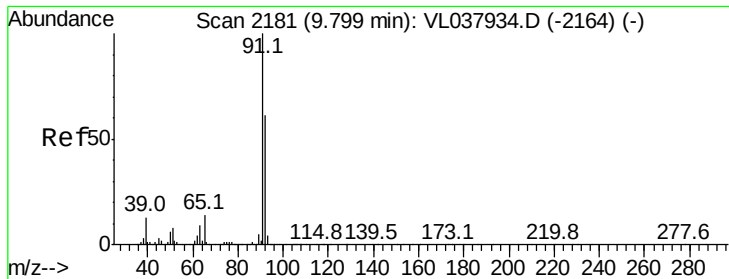
Tot Ion	Ratio	Lower	Upper
43	100		
58	49.3	38.6	57.8
98	1.3	1.0	1.4



#52
Tetrachloroethene
Concen: 9.016 ppbv
RT: 11.21 min Scan# 2621
Delta R.T. -0.00 min
Lab File: VL038009.D
Acq: 10 Nov 2021 14:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.2	97.6	146.4
129	104.7	84.2	126.2
131	96.7	79.6	119.4





#53

Toluene

Concen: 10.122 ppbv

RT: 9.80 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

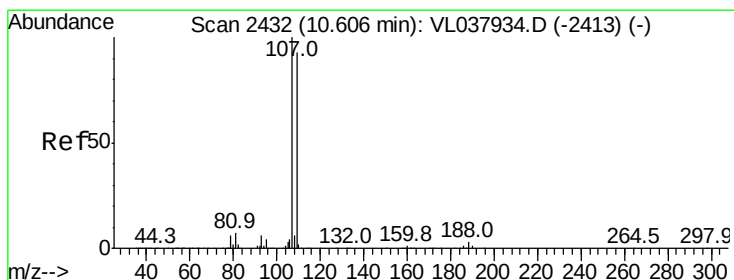
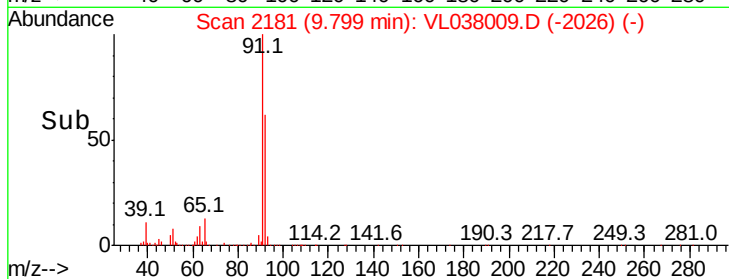
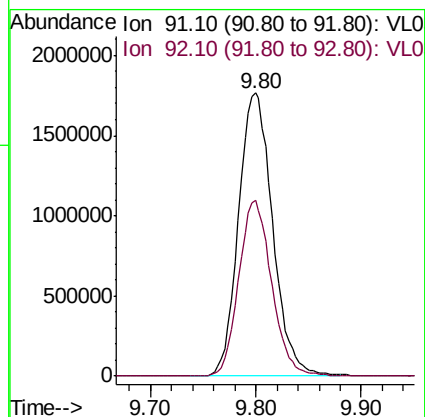
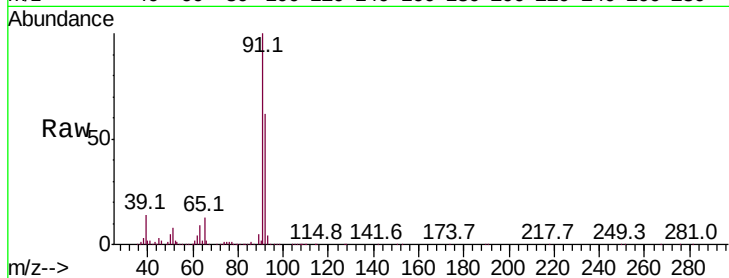
Acq: 10 Nov 2021 14:12

Tot Ion: 91 Resp: 3972684

Ion Ratio Lower Upper

91 100

92 60.2 48.2 72.4



#54

1,2-Dibromoethane

Concen: 9.673 ppbv

RT: 10.60 min Scan# 2430

Delta R.T. -0.01 min

Lab File: VL038009.D

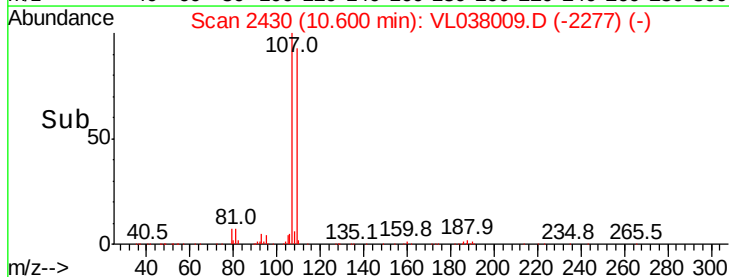
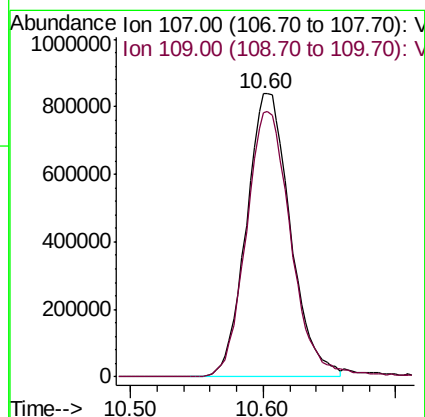
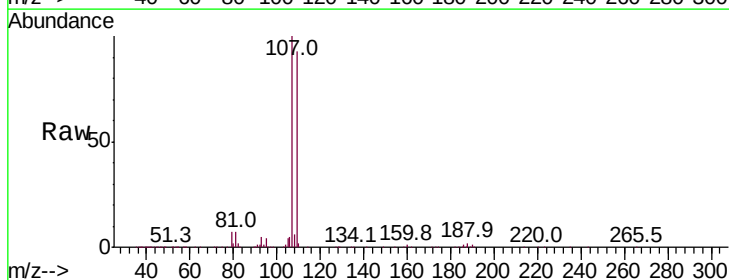
Acq: 10 Nov 2021 14:12

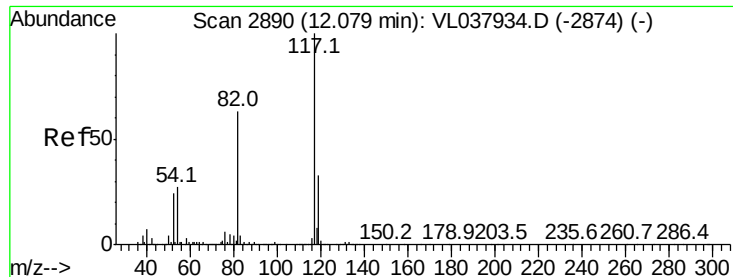
Tgt Ion: 107 Resp: 1930658

Ion Ratio Lower Upper

107 100

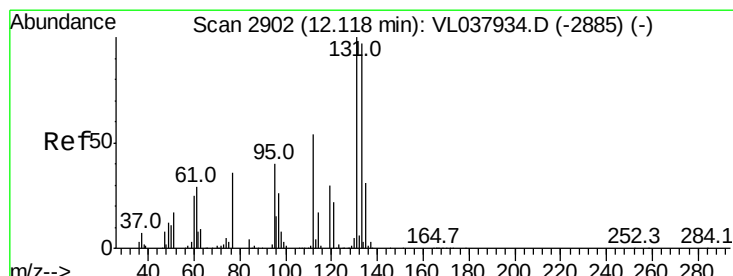
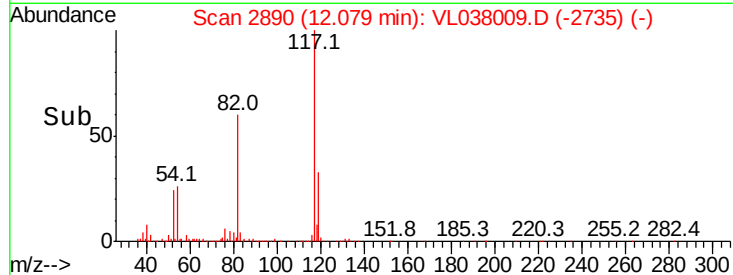
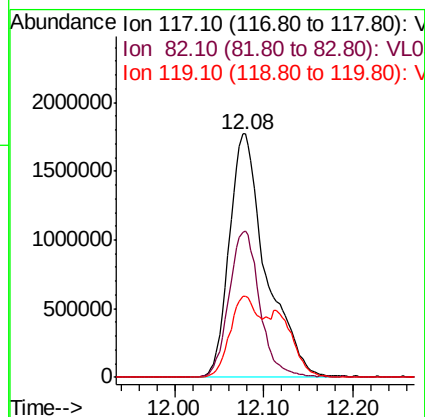
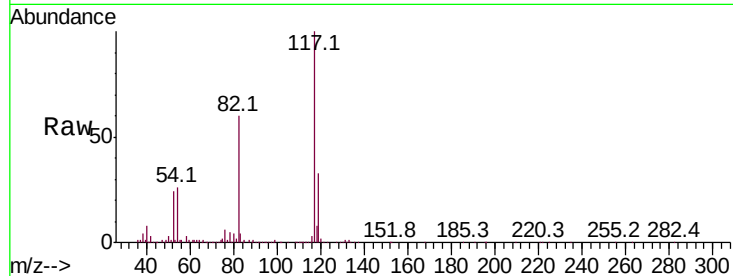
109 93.2 74.5 111.7





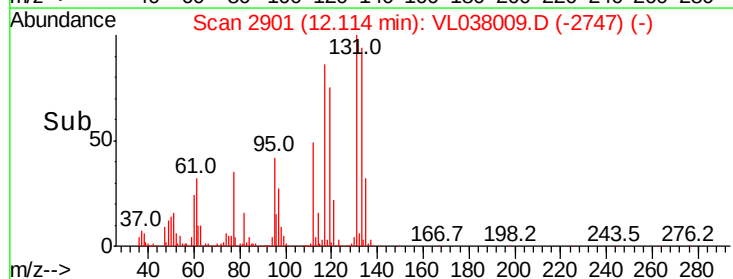
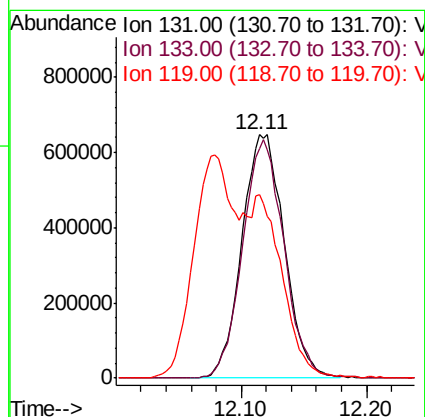
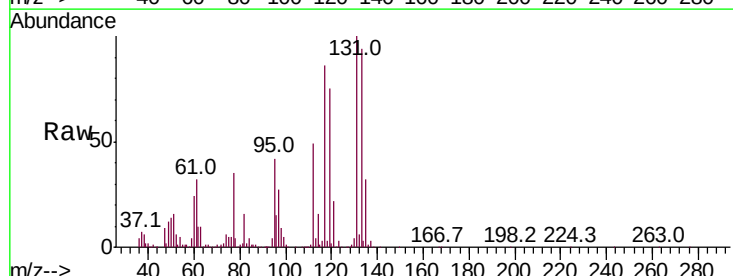
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 10 Nov 2021 14:12

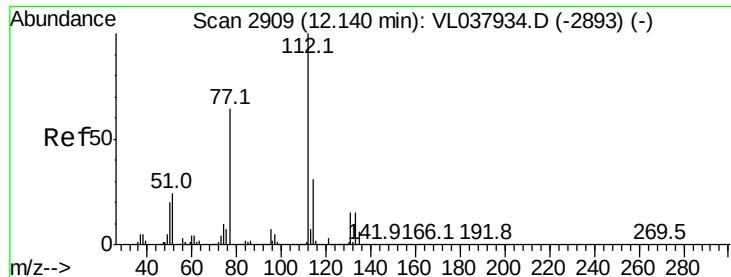
Tot Ion:117 Resp: 5056537
Ion Ratio Lower Upper
117 100
82 50.8 51.0 76.6#
119 46.3 26.9 40.3#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.439 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. -0.00 min
Lab File: VL038009.D
Acq: 10 Nov 2021 14:12

Tgt Ion:131 Resp: 1518699
Ion Ratio Lower Upper
131 100
133 95.9 79.6 119.4
119 154.4 125.4 188.2





#57

Chlorobenzene

Concen: 7.074 ppbv

RT: 12.14 min

Delta R.T. MSVOA_L

Lab File:

Acq: 10 Nov 2021 14:12

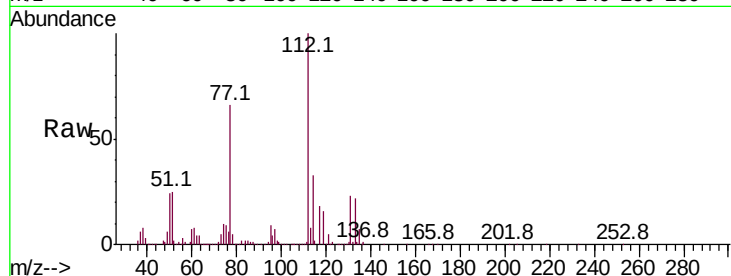
Tot Ion: 112 Resp: 2855165

Ion Ratio Lower Upper

112 100

77 65.7 51.1 76.7

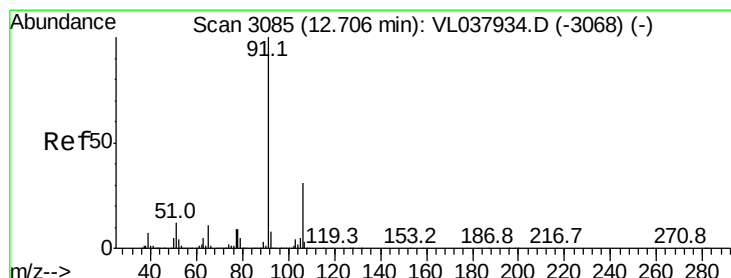
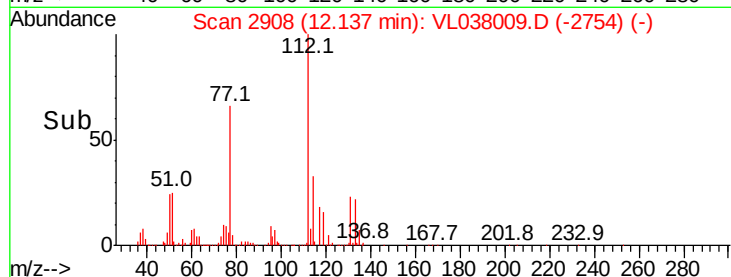
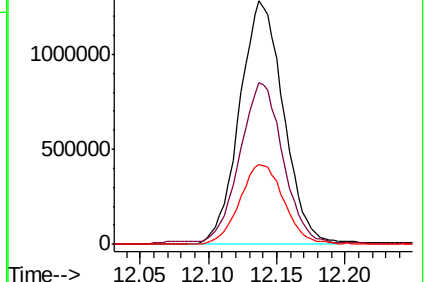
114 32.9 27.9 34.1



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 8.128 ppbv

RT: 12.70 min Scan# 3084

Delta R.T. -0.00 min

Lab File: VL038009.D

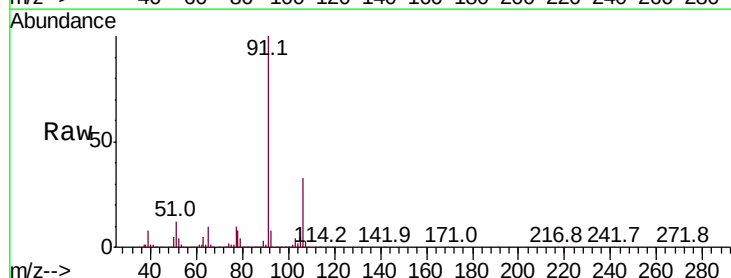
Acq: 10 Nov 2021 14:12

Tgt Ion: 91 Resp: 5025823

Ion Ratio Lower Upper

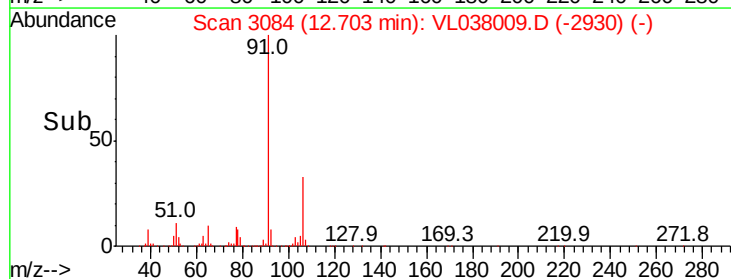
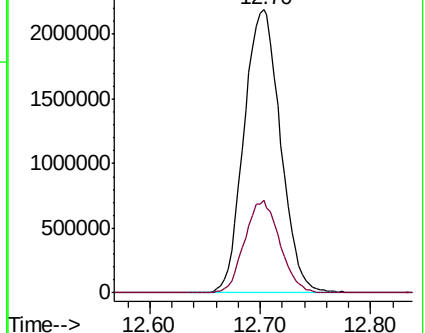
91 100

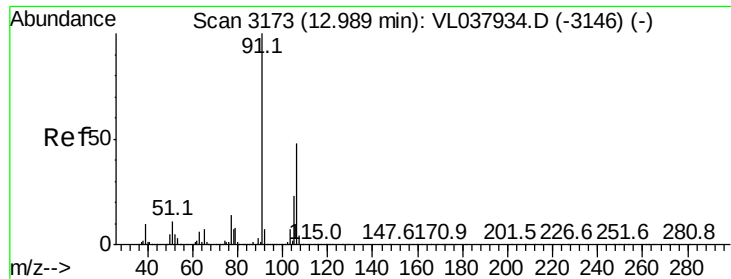
106 32.6 25.1 37.7



Abundance Ion 91.10 (90.80 to 91.80): VL0

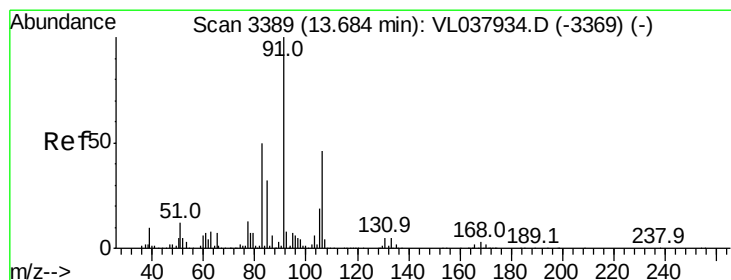
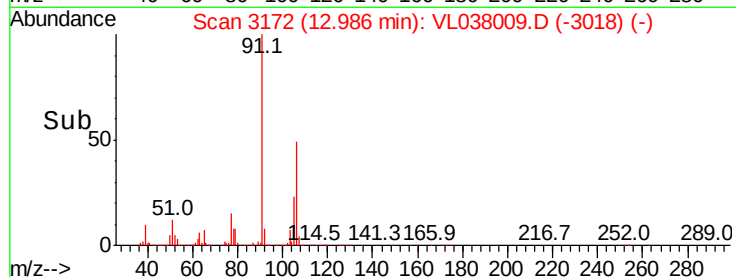
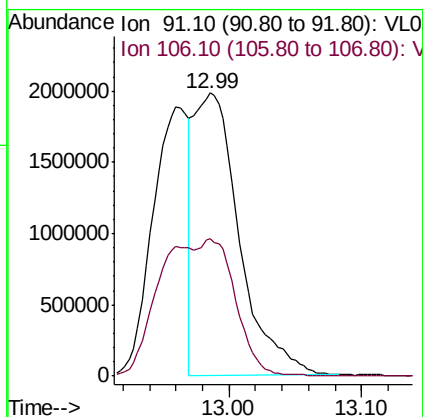
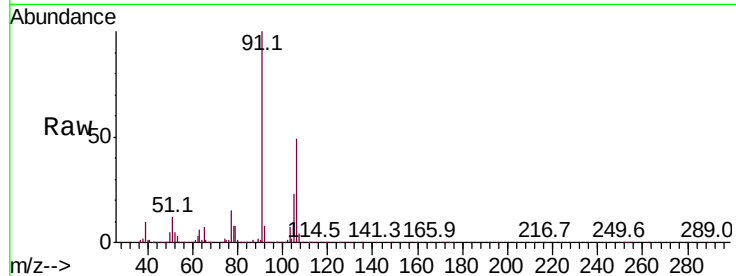
Ion 106.10 (105.80 to 106.80): V





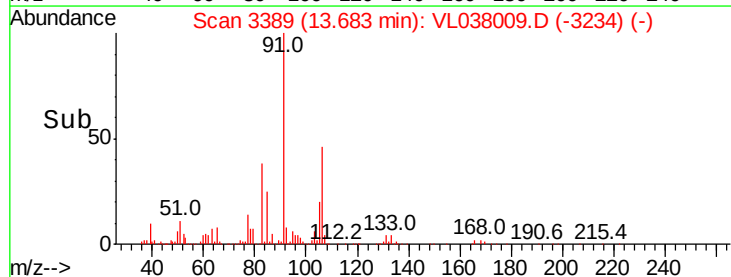
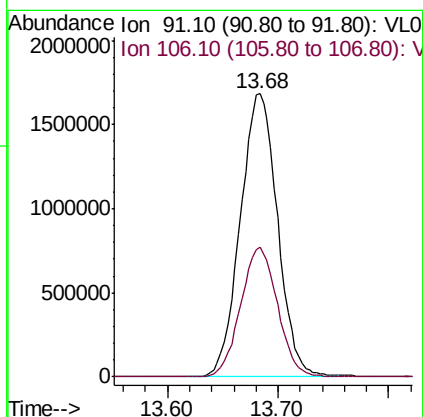
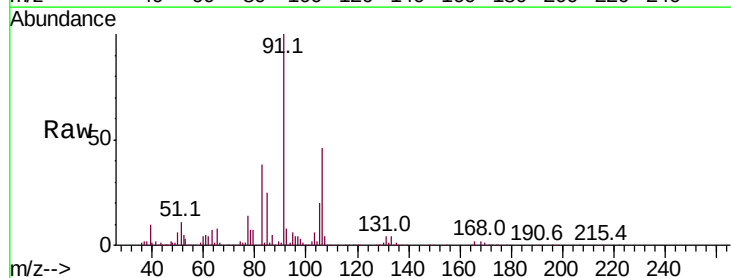
#59
m/p-Xylene
Concen: 8.556 ppbv
RT: 12.99
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 10 Nov 2021 14:12

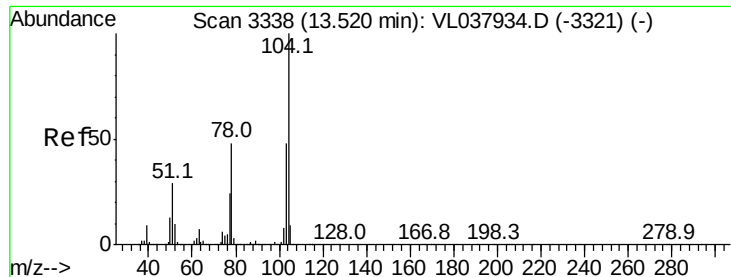
Tot Ion: 91 Resp: 4702741
Ion Ratio Lower Upper
91 100
106 80.9 37.1 55.7#



#60
o-Xylene
Concen: 7.578 ppbv
RT: 13.68 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VL038009.D
Acq: 10 Nov 2021 14:12

Tgt Ion: 91 Resp: 3927135
Ion Ratio Lower Upper
91 100
106 45.7 23.5 70.6





#61

Stvrene

Concen: 9.040 ppbv

RT: 13.52

Delta R.T. MSVOA_L

Lab File:

Acq: 10 Nov 2021 14:12

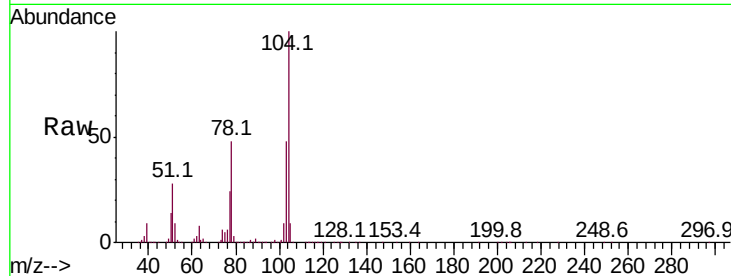
Tot Ion:104 Resp: 2151399

Ion Ratio Lower Upper

104 100

78 48.7 39.3 58.9

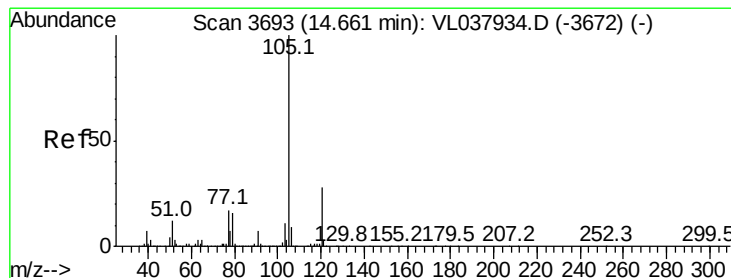
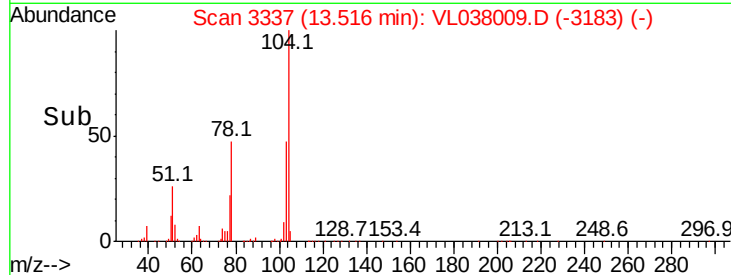
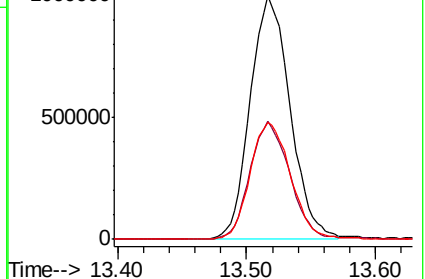
103 49.1 39.6 59.4



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 7.316 ppbv

RT: 14.66 min Scan# 3692

Delta R.T. -0.00 min

Lab File: VL038009.D

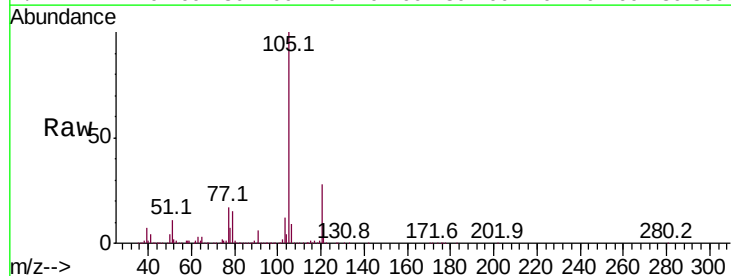
Acq: 10 Nov 2021 14:12

Tgt Ion:105 Resp: 5368310

Ion Ratio Lower Upper

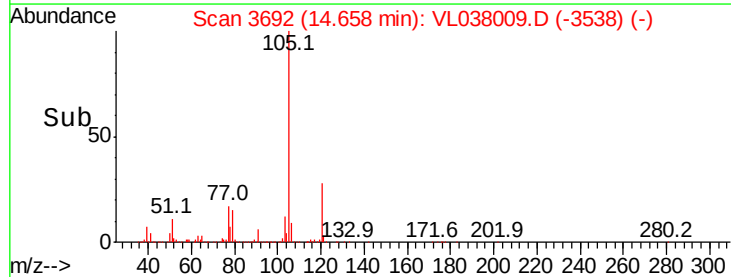
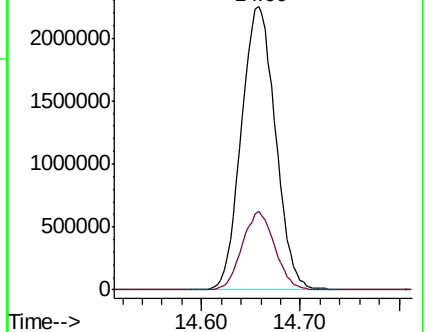
105 100

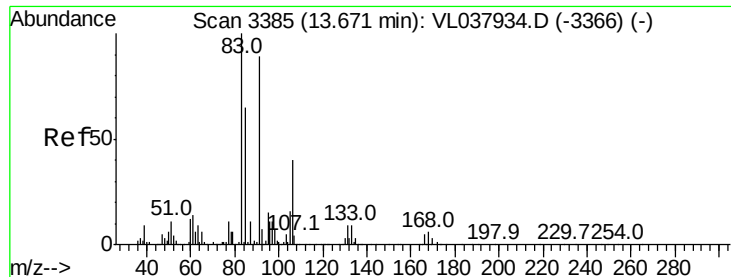
120 26.4 21.8 32.6



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#63

1,1,2,2-Tetrachloroethane

Concen: 6.050 ppbv

RT: 13.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 10 Nov 2021 14:12

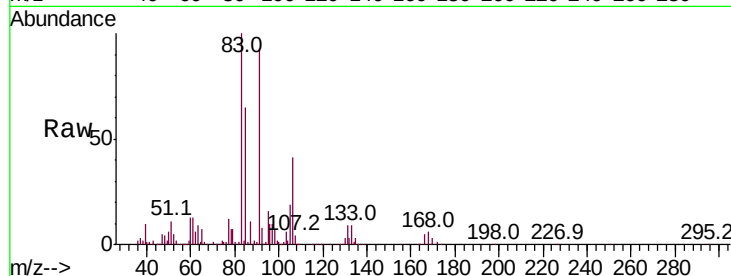
Tot Ion: 83 Resp: 2698507

Ion	Ratio	Lower	Upper
83	100		
131	9.7	4.8	14.4
85	64.9	32.5	97.5

83 100

131 9.7 4.8 14.4

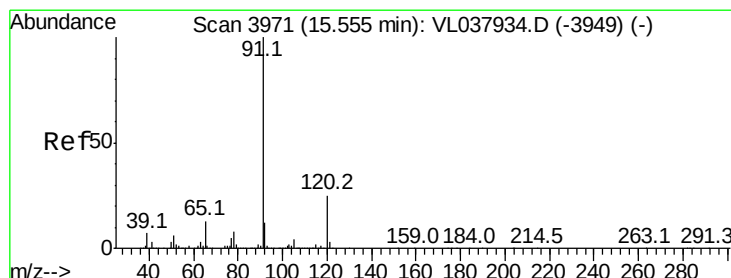
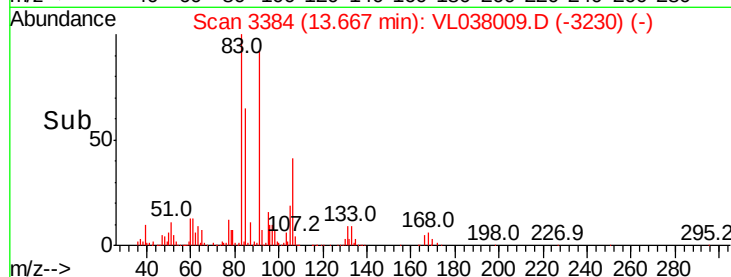
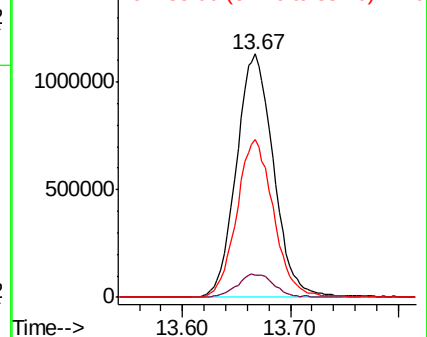
85 64.9 32.5 97.5



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: 7.423 ppbv

RT: 15.55 min Scan# 3970

Delta R.T. -0.00 min

Lab File: VL038009.D

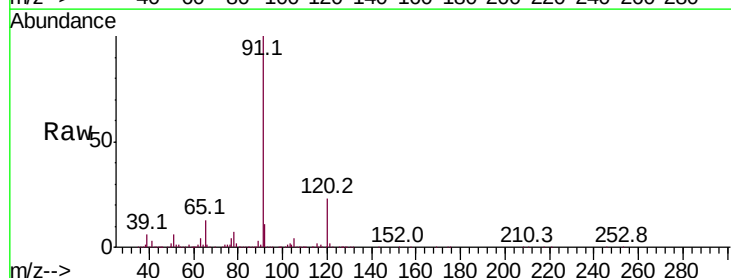
Acq: 10 Nov 2021 14:12

Tgt Ion:120 Resp: 1395634

Ion	Ratio	Lower	Upper
120	100		
91	453.7	363.3	544.9

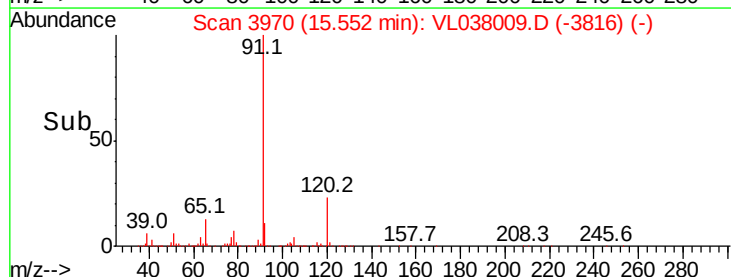
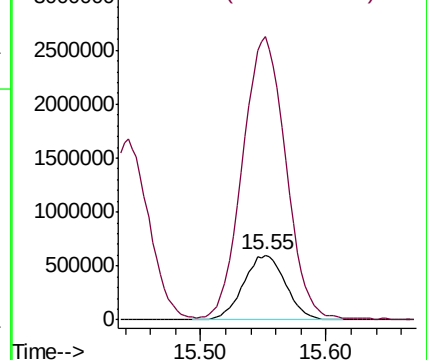
120 100

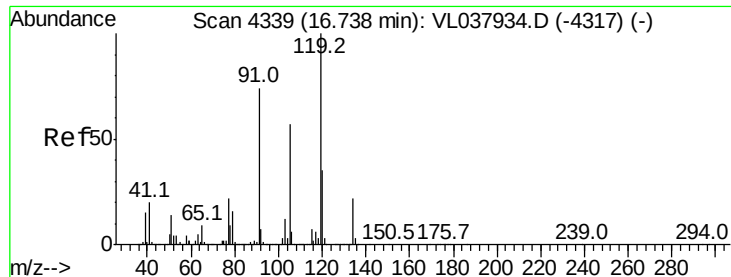
91 453.7 363.3 544.9



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0





#65

tert-Butylbenzene

Concen: 6.930 ppbv

RT: 16.73 min

Delta R.T. MSVOA_1

Lab File:

Acq: 10 Nov 2021 14:12

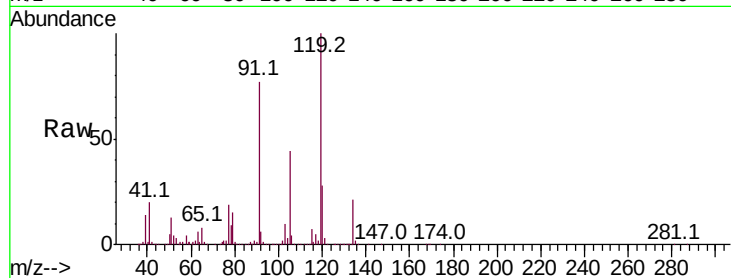
Tot Ion: 119 Resp: 4493786

Ion Ratio Lower Upper

119 100

91 78.0 61.8 92.6

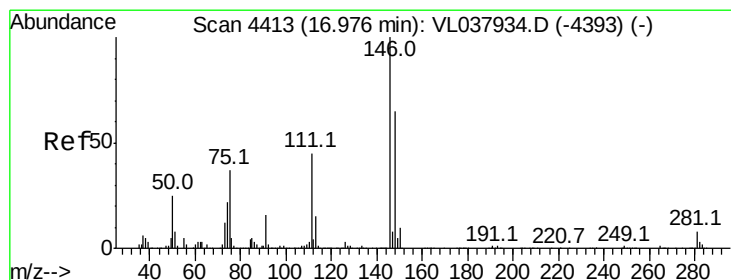
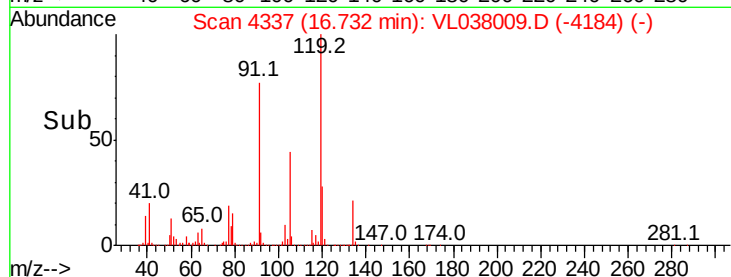
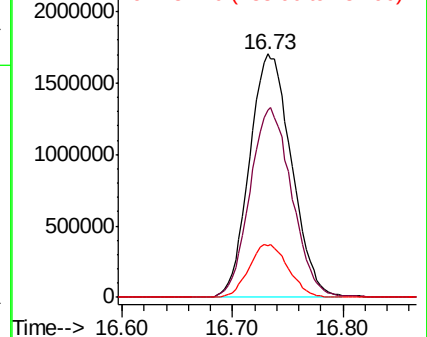
134 20.4 16.6 25.0



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 8.699 ppbv

RT: 16.98 min Scan# 4413

Delta R.T. -0.00 min

Lab File: VL038009.D

Acq: 10 Nov 2021 14:12

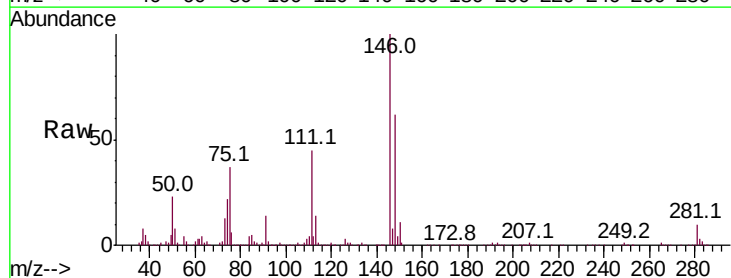
Tgt Ion: 91 Resp: 294754

Ion Ratio Lower Upper

91 100

126 18.0 13.8 20.6

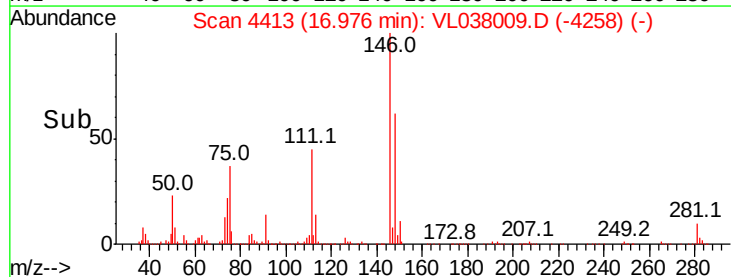
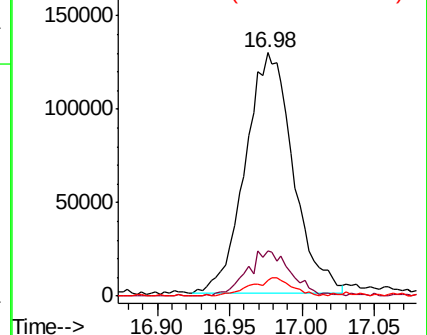
128 6.5 5.1 7.7

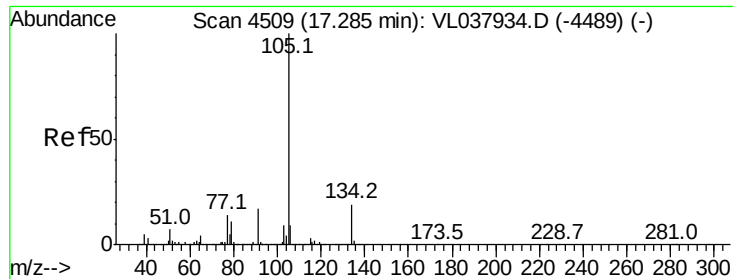


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 7.008 ppbv

RT: 17.28

Delta R.T. MSVOA_L

Lab File:

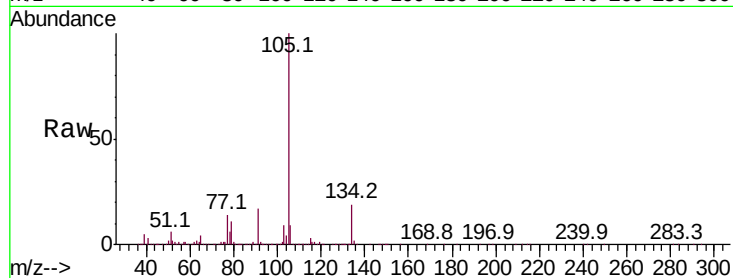
Acq: 10 Nov 2021 14:12

Tot Ion: 105 Resp: 6260977

Ion Ratio Lower Upper

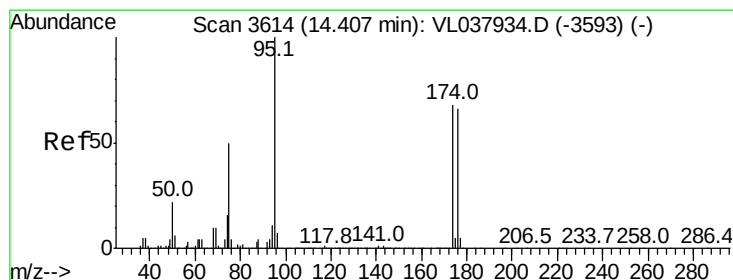
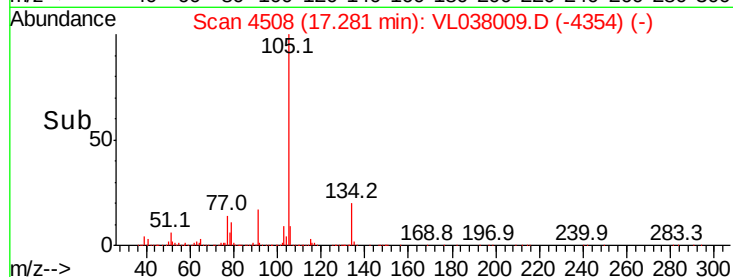
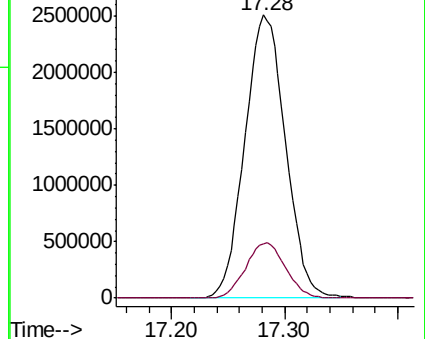
105 100

134 19.3 15.4 23.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 8.513 ppbv

RT: 14.41 min Scan# 3614

Delta R.T. -0.00 min

Lab File: VL038009.D

Acq: 10 Nov 2021 14:12

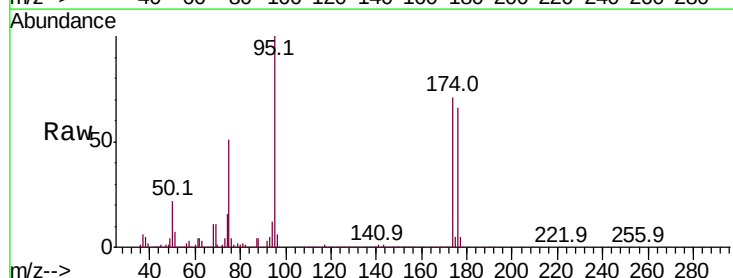
Tgt Ion: 95 Resp: 3129032

Ion Ratio Lower Upper

95 100

174 71.0 58.3 87.5

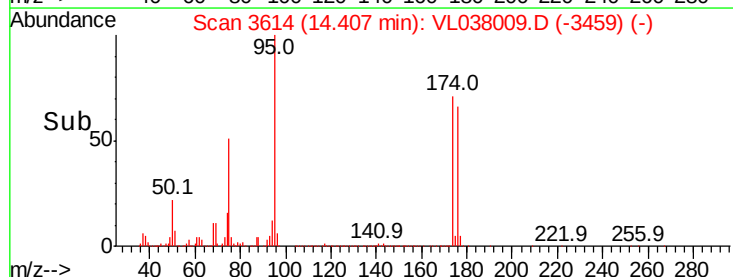
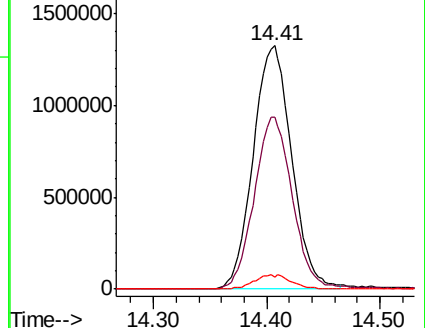
175 5.7 4.6 6.8

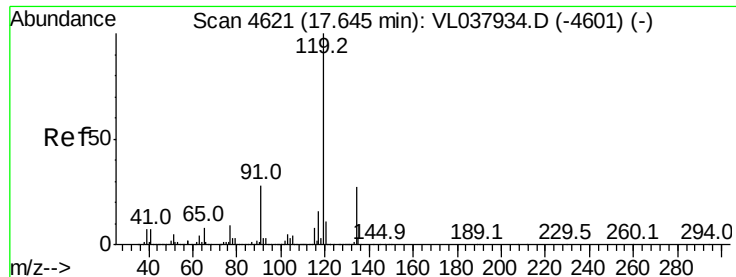


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

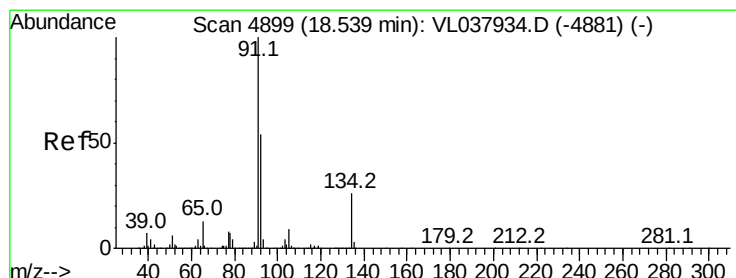
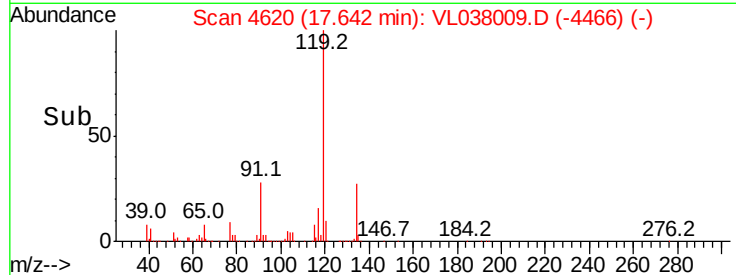
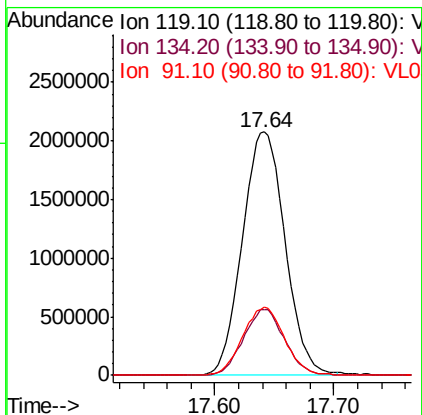
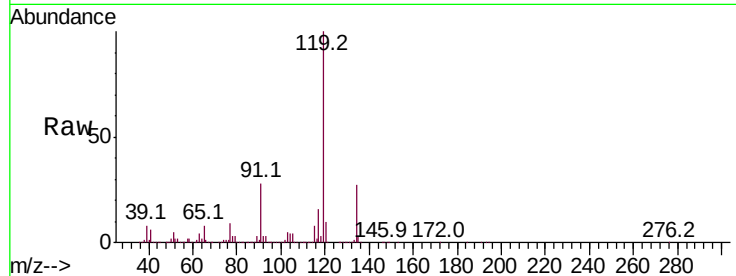




#69
 p-Isopropyltoluene
 Concen: 7.196 ppbv
 RT: 17.64 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 10 Nov 2021 14:12

Tot Ion: 119 Resp: 5157101

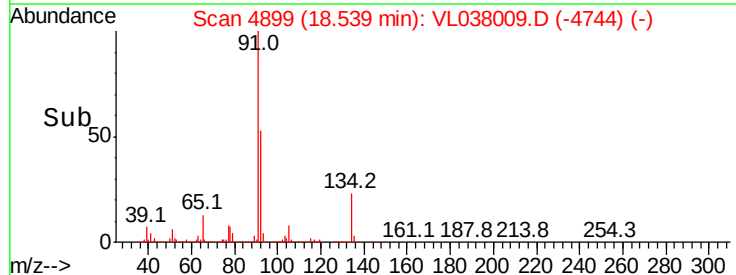
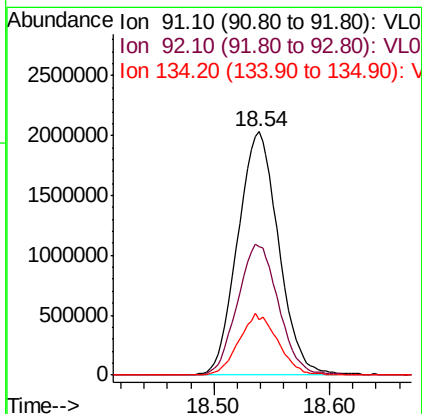
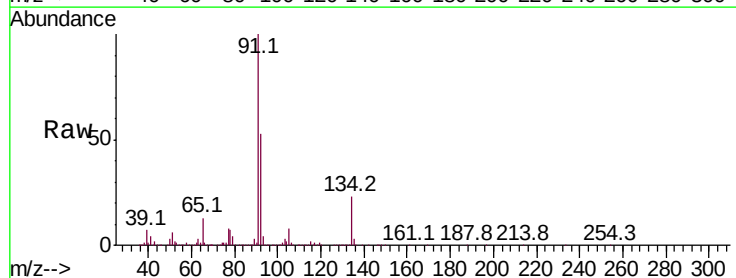
Ion	Ratio	Lower	Upper
119	100		
134	26.3	21.0	31.4
91	27.5	21.8	32.8

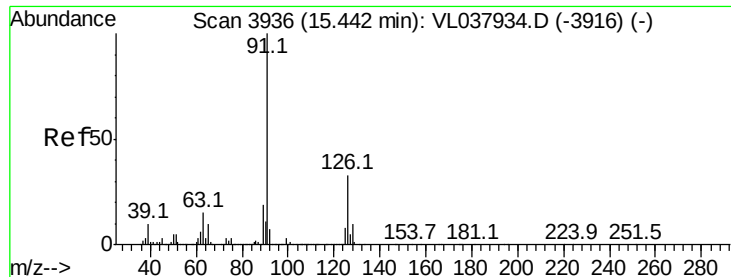


#70
 n-Butylbenzene
 Concen: 7.544 ppbv
 RT: 18.54 min Scan# 4899
 Delta R.T. -0.00 min
 Lab File: VL038009.D
 Acq: 10 Nov 2021 14:12

Tgt Ion: 91 Resp: 4967921

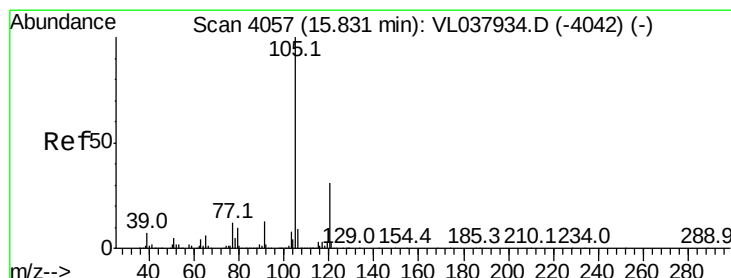
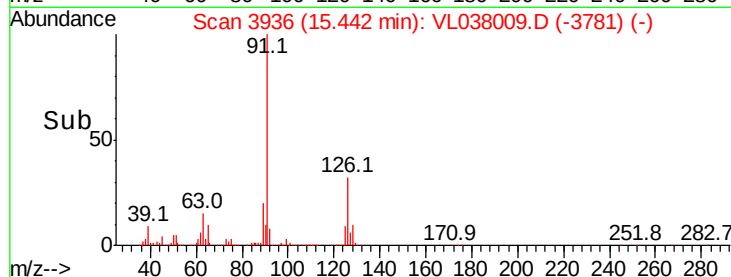
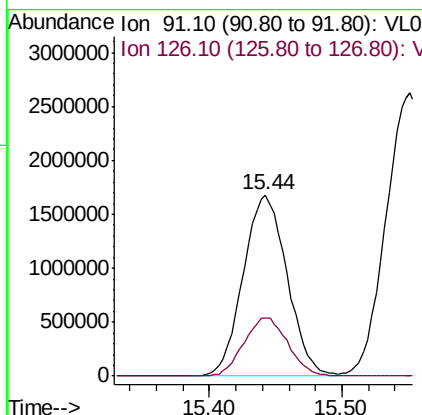
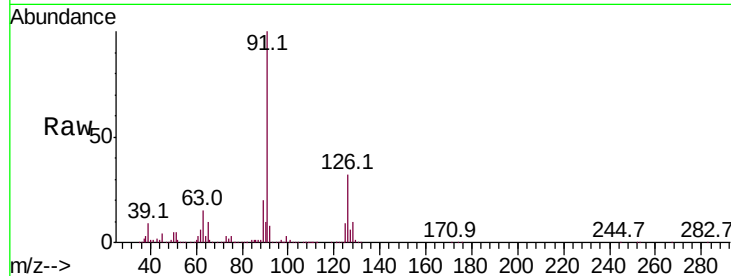
Ion	Ratio	Lower	Upper
91	100		
92	54.6	43.6	65.4
134	24.2	19.8	29.6





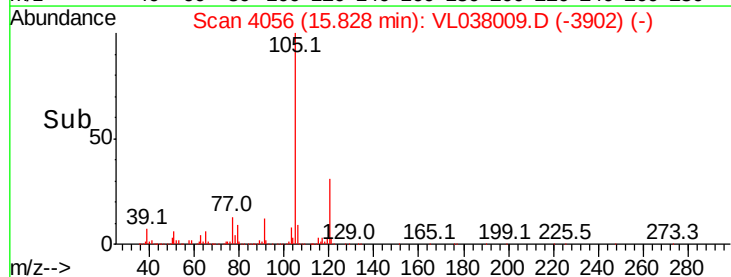
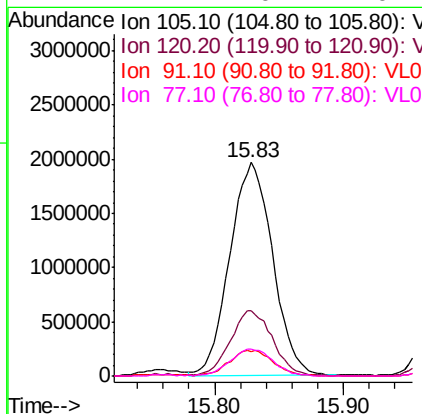
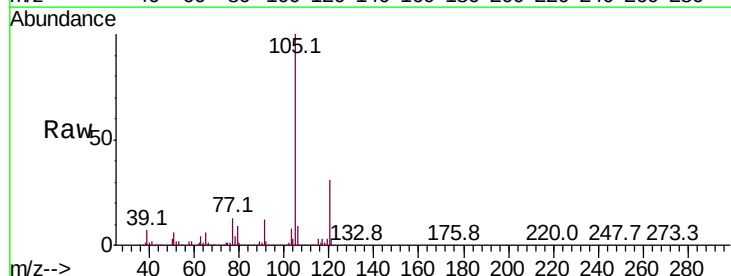
#71
 2-Chlorotoluene
 Concen: 7.518 ppbv
 RT: 15.44 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 10 Nov 2021 14:12

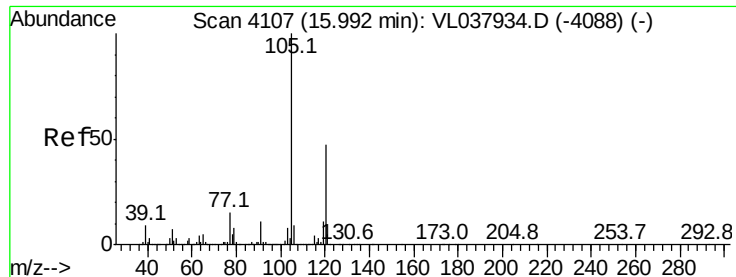
Tot Ion: 91 Resp: 3865153
 Ion Ratio Lower Upper
 91 100
 126 32.6 13.3 53.3



#72
 4-Ethyltoluene
 Concen: 7.631 ppbv
 RT: 15.83 min Scan# 4056
 Delta R.T. -0.00 min
 Lab File: VL038009.D
 Acq: 10 Nov 2021 14:12

Tgt Ion: 105 Resp: 4530072
 Ion Ratio Lower Upper
 105 100
 120 30.4 25.3 37.9
 91 12.3 9.9 14.9
 77 12.7 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 7.231 ppbv

RT: 15.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

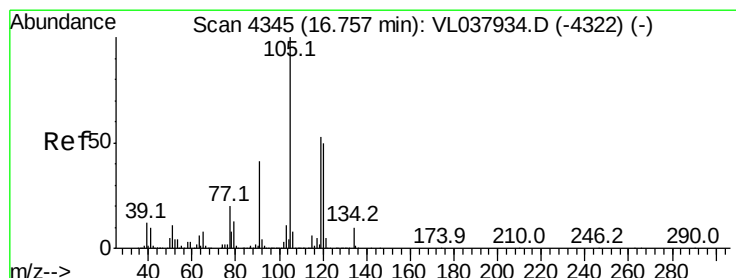
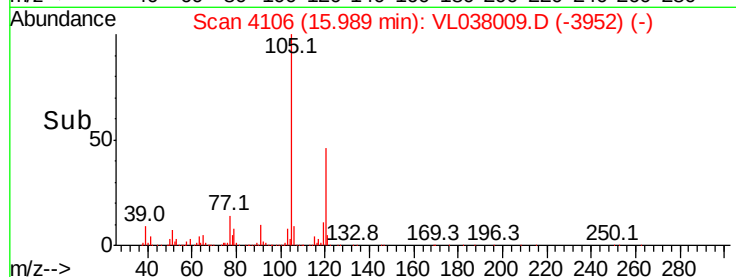
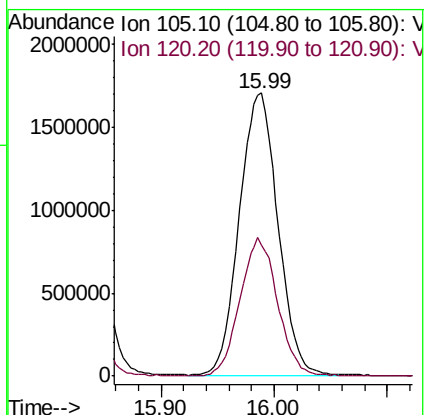
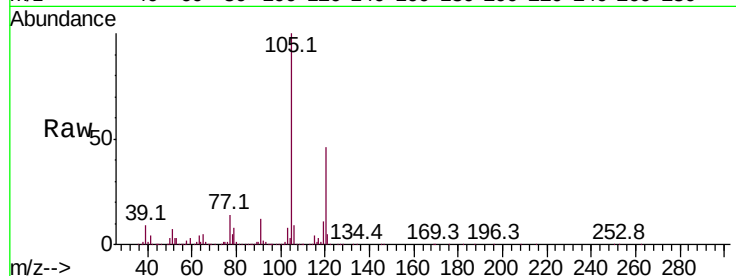
Acq: 10 Nov 2021 14:12

Tot Ion:105 Resp: 4019865

Ion Ratio Lower Upper

105 100

120 46.4 37.9 56.9



#74

1,2,4-Trimethylbenzene

Concen: 6.973 ppbv

RT: 16.75 min Scan# 4343

Delta R.T. -0.01 min

Lab File: VL038009.D

Acq: 10 Nov 2021 14:12

Tgt Ion:105 Resp: 4061229

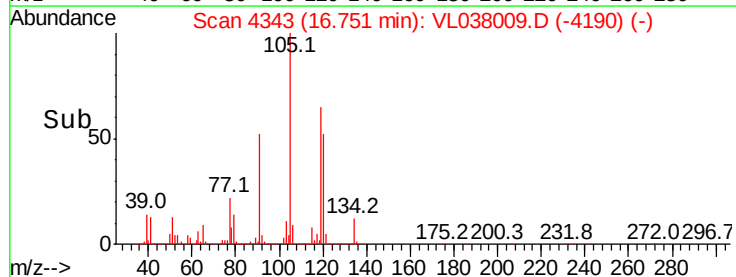
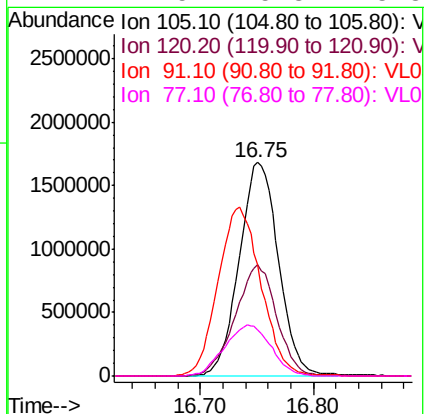
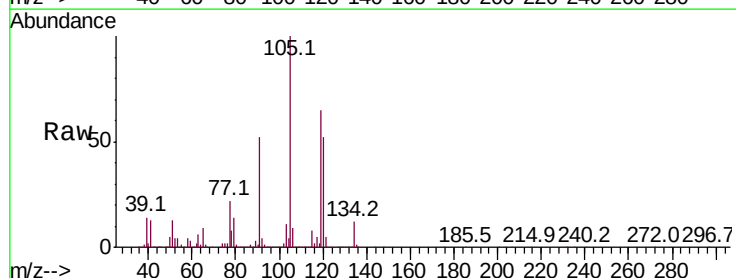
Ion Ratio Lower Upper

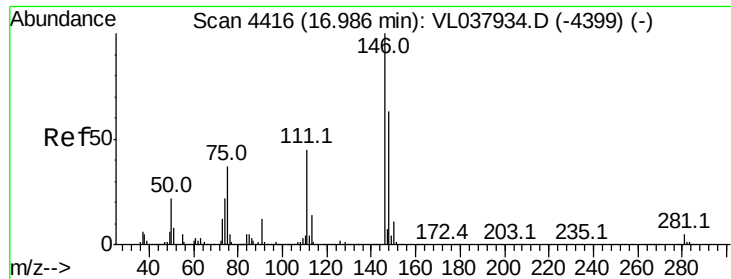
105 100

120 51.8 40.0 60.0

91 52.0 32.6 49.0#

77 21.5 15.8 23.8

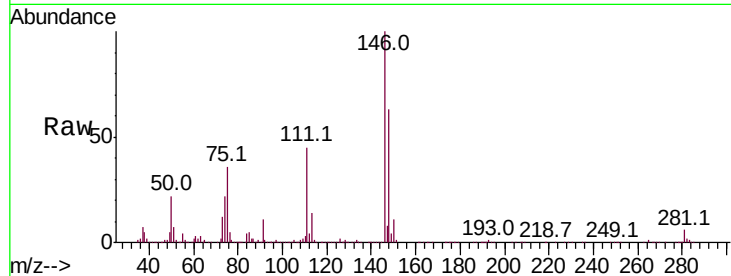




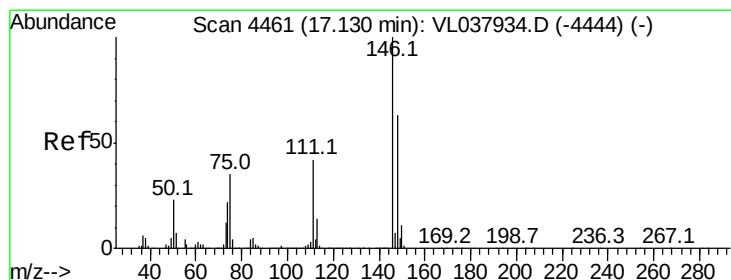
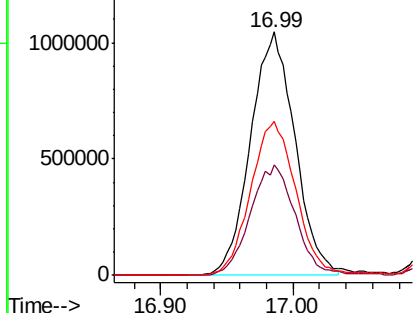
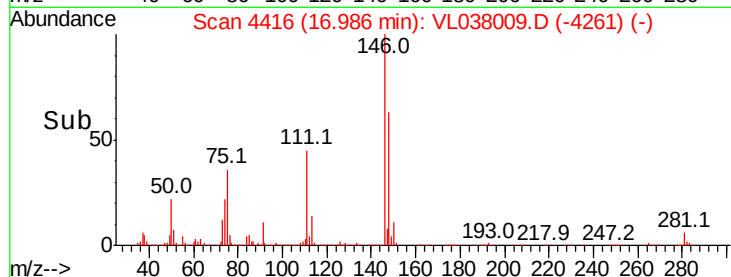
#75
 1,3-Dichlorobenzene
 Concen: 6.721 ppbv
 RT: 16.99 min
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 Acq: 10 Nov 2021 14:12

Tot Ion:146 Resp: 2437243

Ion	Ratio	Lower	Upper
146	100		
111	46.0	22.7	68.1
148	65.0	32.4	97.0



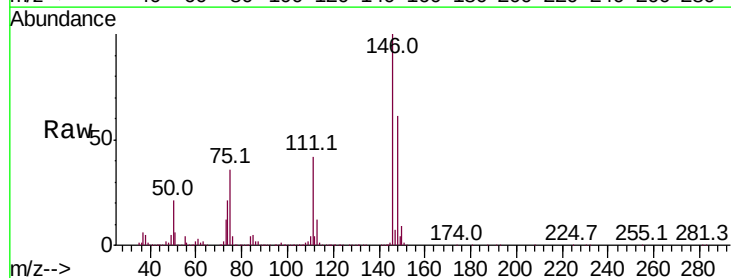
Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V



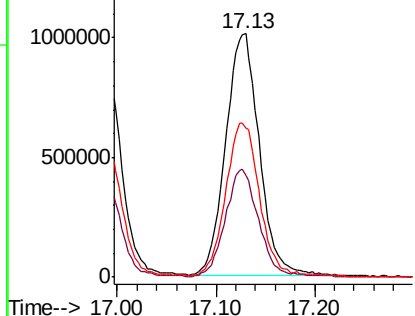
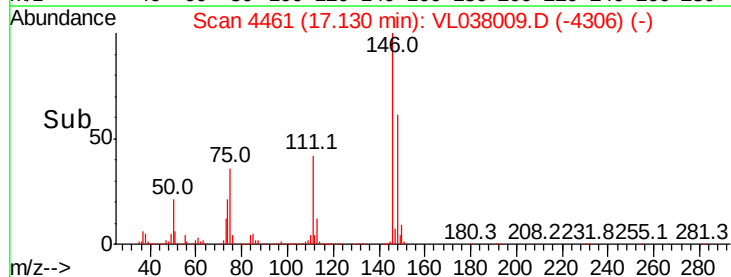
#76
 1,4-Dichlorobenzene
 Concen: 6.834 ppbv
 RT: 17.13 min Scan# 4461
 Delta R.T. -0.00 min
 Lab File: VL038009.D
 Acq: 10 Nov 2021 14:12

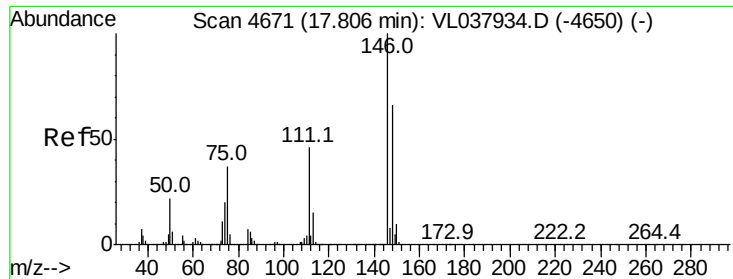
Tgt Ion:146 Resp: 2398038

Ion	Ratio	Lower	Upper
146	100		
111	44.6	22.7	68.1
148	64.7	33.5	100.4



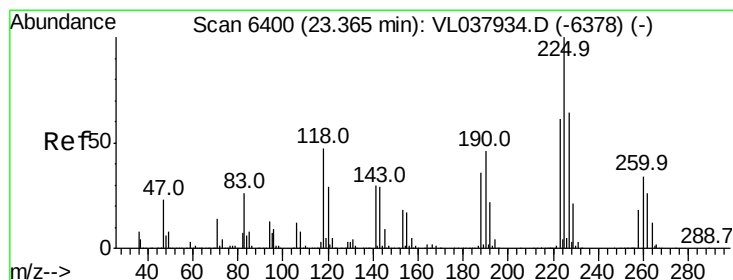
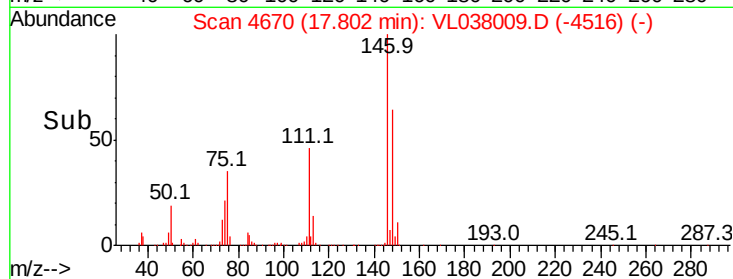
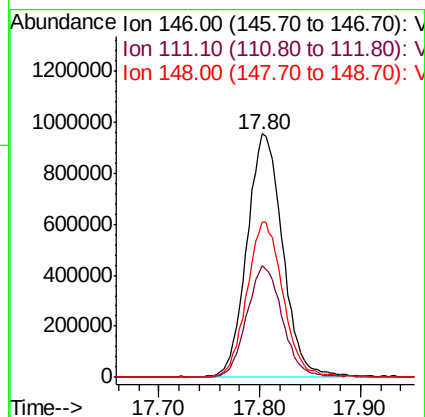
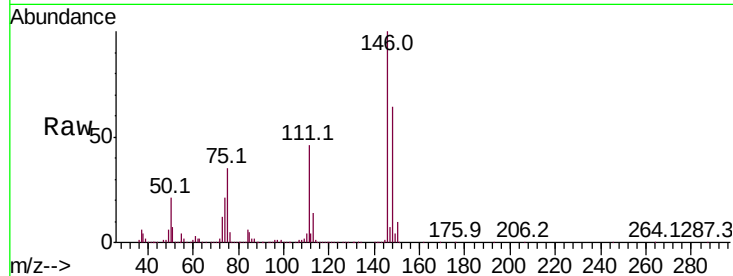
Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V





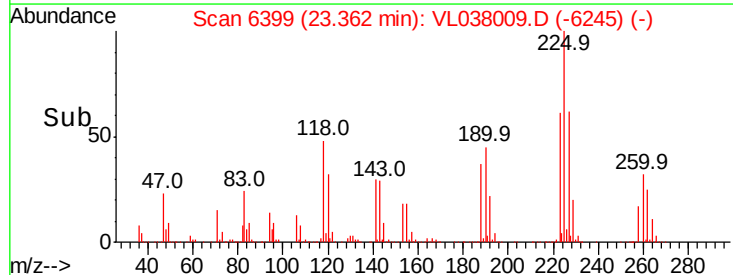
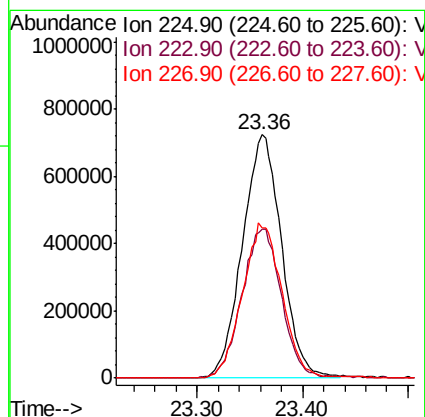
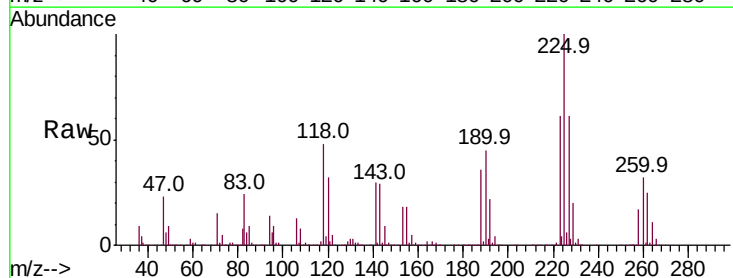
#77
 1,2-Dichlorobenzene
 Concen: 6.834 ppbv
 RT: 17.80 min
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 Acq: 10 Nov 2021 14:12

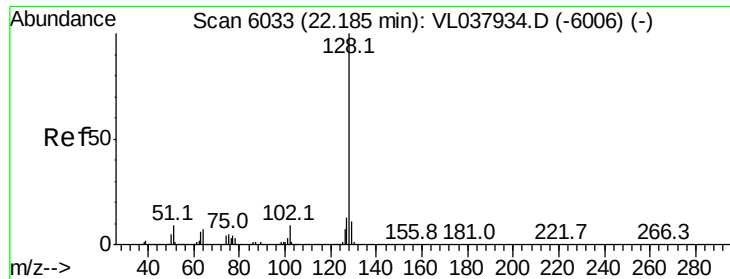
Tot Ion:	146	Resp:	2326861
Ion	Ratio	Lower	Upper
146	100		
111	46.3	23.4	70.2
148	64.9	32.6	97.7



#78
 Hexachloro-1,3-Butadiene
 Concen: 6.424 ppbv
 RT: 23.36 min Scan# 6399
 Delta R.T. -0.00 min
 Lab File: VL038009.D
 Acq: 10 Nov 2021 14:12

Tgt Ion:	225	Resp:	1872278
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.0	75.0
227	64.4	51.5	77.3

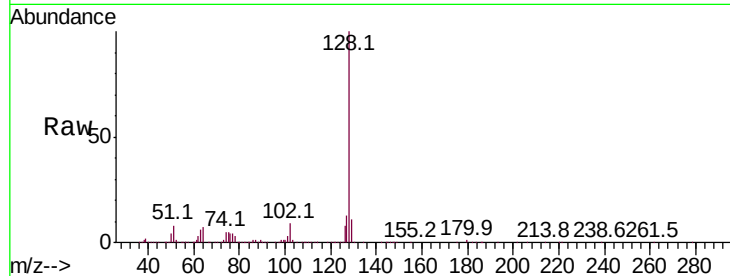




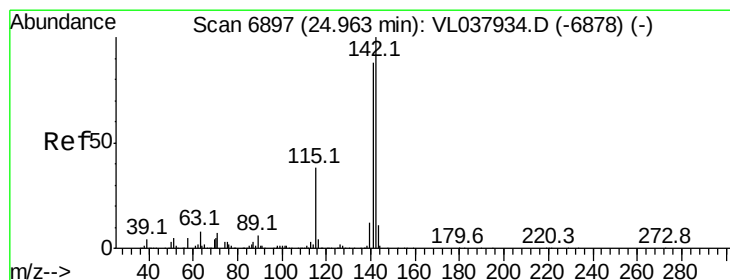
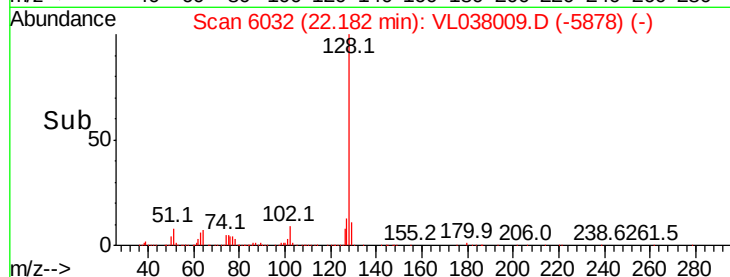
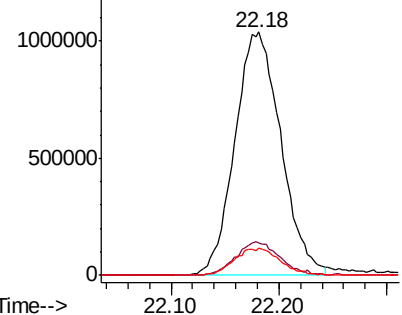
#79
Naphthalene
Concen: 9.177 ppbv
RT: 22.18 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 10 Nov 2021 14:12

Tot Ion:128 Resp: 3079455

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	11.1	9.0	13.4



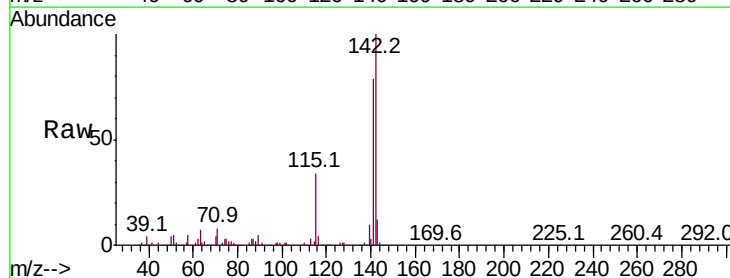
Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V



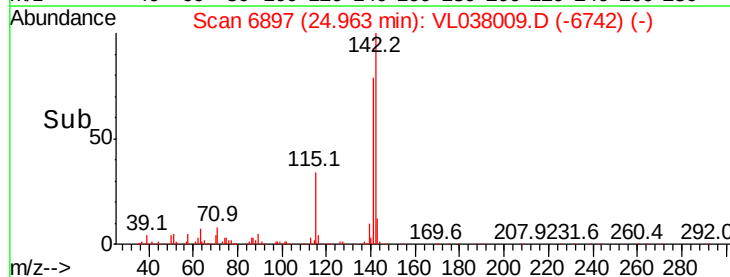
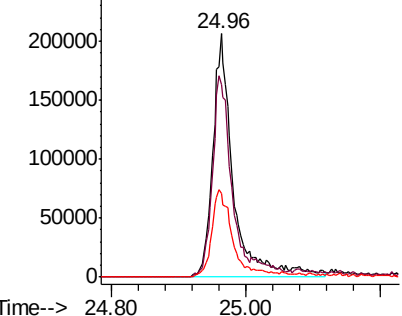
#80
Naphthalene, 2-methyl-
Concen: 6.719 ppbv
RT: 24.96 min Scan# 6897
Delta R.T. -0.00 min
Lab File: VL038009.D
Acq: 10 Nov 2021 14:12

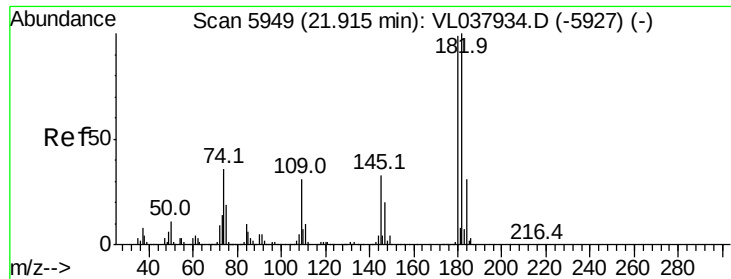
Tgt Ion:142 Resp: 438925

Ion	Ratio	Lower	Upper
142	100		
141	82.0	66.4	99.6
115	39.1	29.0	43.4



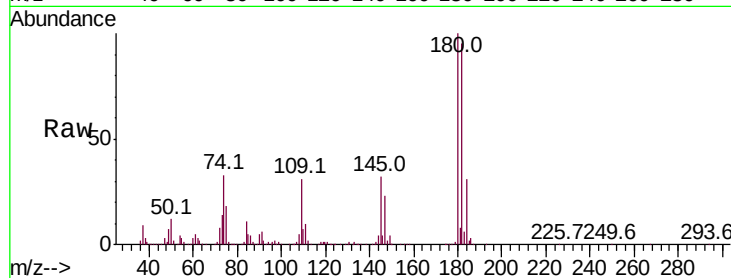
Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 7.911 ppbv
 RT: 21.91
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 10 Nov 2021 14.12

Tot Ion:180 Resp: 1727915
 Ion Ratio Lower Upper
 180 100
 182 100.9 79.3 118.9
 184 31.9 25.3 37.9



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

