

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092821\
 Data File : VL037699.D
 Acq On : 28 Sep 2021 11:34
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Sep 29 03:40:18 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1451812	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	4425223	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.10	117	4930647	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2997495	8.41	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	84.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.06	85	1855926	7.064 ppbv	97
3) Chlorodifluoromethane	3.00	51	2614395	9.547 ppbv	99
4) Chloromethane	3.15	50	992525	9.810 ppbv	99
5) Vinyl Chloride	3.27	62	983313	10.347 ppbv	97
6) Bromomethane	3.48	94	506198	9.164 ppbv	94
7) Chloroethane	3.57	64	346652	9.760 ppbv	97
8) Dichlorotetrafluoroethane	3.20	85	2229477	9.838 ppbv	99
9) Propene	3.02	41	982046	10.166 ppbv	96
10) Heptane	8.13	43	2445476	10.850 ppbv	100
11) Trichlorofluoromethane	3.96	101	2078959	9.857 ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1543998	9.917 ppbv	99
13) Ethanol	3.62	45	44396	4.699 ppbv #	33
14) Bromoethene	3.75	108	692731	9.775 ppbv	98
15) Acetone	3.86	43	1187430	7.872 ppbv	96
16) 1,3-Butadiene	3.34	39	986861	10.470 ppbv	98
17) tert-Butyl alcohol	4.29	59	1374123	10.743 ppbv	100
18) 1,1-Dichloroethene	4.29	96	703760	9.704 ppbv	98
19) Isopropyl Alcohol	3.97	45	823438	10.033 ppbv #	96
20) Methylene Chloride	4.35	84	621889	8.636 ppbv	99
21) Allyl Chloride	4.42	41	1146227	10.172 ppbv	98
22) trans-1,2-Dichloroethene	4.89	96	716653	9.821 ppbv	97
23) Vinyl Acetate	5.08	43	2268425	10.868 ppbv	99
24) 1,1-Dichloroethane	5.02	63	1426398	9.539 ppbv	99
25) Ethyl Acetate	5.68	43	3780226	10.347 ppbv	98
26) Hexane	5.69	57	1808090	10.419 ppbv	99
27) Carbon Disulfide	4.56	76	1700582	10.712 ppbv	98
28) Methyl tert-Butyl Ether	5.04	73	1740660	11.388 ppbv	99
29) Chloroform	5.76	83	2458452	9.701 ppbv	100
30) Cyclohexane	7.14	84	1519445	10.237 ppbv	99
31) cis-1,2-Dichloroethene	5.56	61	1693779	10.751 ppbv	97
32) 1,1,1-Trichloroethane	6.52	97	2334943	9.897 ppbv	99
34) 2-Butanone	5.25	43	1663004	9.248 ppbv	98
35) Carbon Tetrachloride	7.03	117	2427986	9.699 ppbv	98
36) Benzene	6.90	78	3719726	10.080 ppbv	99
37) 1,2-Dichloroethane	6.31	62	1752802	9.658 ppbv	100
38) Trichloroethene	7.85	130	1443258	9.363 ppbv	99
39) 1,2-Dichloropropane	7.62	63	1410863	9.982 ppbv	98
40) 1,4-Dioxane	7.85	88	232458	6.762 ppbv #	1
41) Tetrahydrofuran	6.06	42	874243	10.341 ppbv	99
42) Bromodichloromethane	7.80	83	2626100	10.096 ppbv	96
43) Methyl Methacrylate	8.02	69	1332361	10.853 ppbv	99

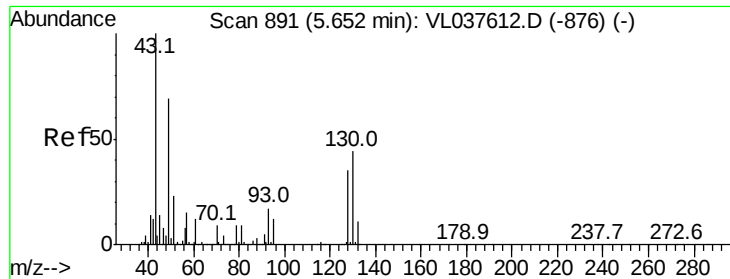
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092821\
 Data File : VL037699.D
 Acq On : 28 Sep 2021 11:34
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
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Instrument :
 MSVOA_L
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Quant Time: Sep 29 03:40:18 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	6134643	9.889	ppbv	99
45) t-1,3-Dichloropropene	9.29	75	989859	10.265	ppbv	99
46) cis-1,3-Dichloropropene	8.71	75	1345240	10.328	ppbv	98
47) 1,1,2-Trichloroethane	9.49	97	1482152	9.480	ppbv	98
48) Dibromochloromethane	10.31	129	2302064	10.555	ppbv	99
49) Bromoform	13.05	173	1869372	10.709	ppbv	97
50) 4-Methyl-2-Pentanone	8.75	43	2482445	10.876	ppbv	99
51) 2-Hexanone	10.15	43	1195962	11.876	ppbv	99
52) Tetrachloroethene	11.23	164	1383092	9.763	ppbv	96
53) Toluene	9.82	91	4291578	10.463	ppbv	100
54) 1,2-Dibromoethane	10.62	107	2078637	9.710	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.14	131	1577623	7.714	ppbv	96
57) Chlorobenzene	12.16	112	3056315	7.456	ppbv	100
58) Ethyl Benzene	12.72	91	5444123	8.318	ppbv	99
59) m/p-Xylene	13.01	91	3283997	5.758	ppbv #	1
60) o-Xylene	13.70	91	4227281	7.787	ppbv	99
61) Styrene	13.54	104	2382901	8.901	ppbv	99
62) Isopropylbenzene	14.67	105	5878360	7.751	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.68	83	3002852	7.068	ppbv	99
64) n-propylbenzene	15.57	120	1577114	8.059	ppbv	89
65) tert-Butylbenzene	16.75	119	5146671	7.527	ppbv	99
66) Benzyl Chloride	17.00	91	280584	7.509	ppbv	98
67) sec-Butylbenzene	17.30	105	7144101	7.701	ppbv	100
69) p-Isopropyltoluene	17.66	119	5971795	7.879	ppbv	100
70) n-Butylbenzene	18.55	91	5802535	8.091	ppbv	100
71) 2-Chlorotoluene	15.46	91	4300694	7.913	ppbv	99
72) 4-Ethyltoluene	15.85	105	5021974	8.059	ppbv	100
73) 1,3,5-Trimethylbenzene	16.00	105	4525756	7.791	ppbv	100
74) 1,2,4-Trimethylbenzene	16.77	105	4690271	7.666	ppbv	98
75) 1,3-Dichlorobenzene	17.00	146	2882397	7.583	ppbv	99
76) 1,4-Dichlorobenzene	17.14	146	2793425	7.451	ppbv	99
77) 1,2-Dichlorobenzene	17.82	146	2747594	7.621	ppbv	99
78) Hexachloro-1,3-Butadiene	23.38	225	2041902	6.729	ppbv	99
79) Naphthalene	22.20	128	3427947	9.125	ppbv	98
80) Naphthalene, 2-methyl-	24.97	142	957615	11.152	ppbv	99
81) 1,2,4-Trichlorobenzene	21.93	180	2099556	8.705	ppbv	98

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 28 Sep 2021 11:34

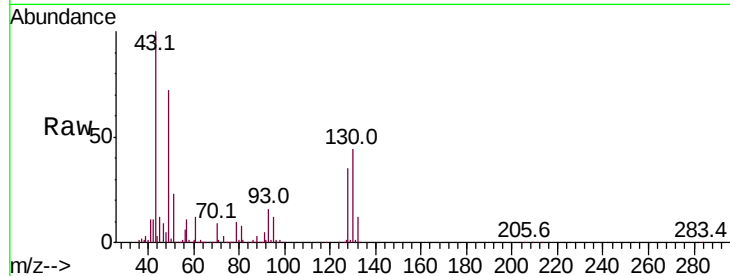
Tot Ion: 49 Resp: 1451812

Ion Ratio Lower Upper

49 100

128 55.3 27.9 83.6

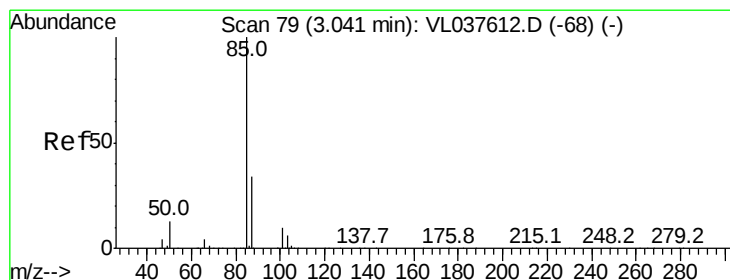
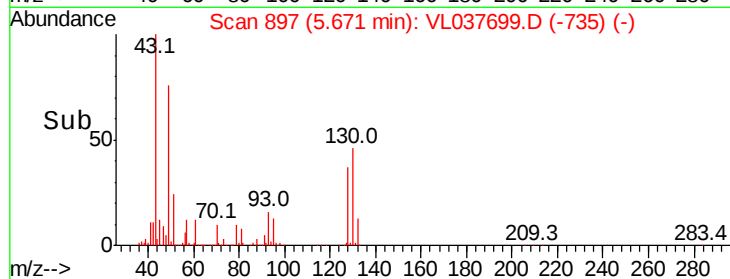
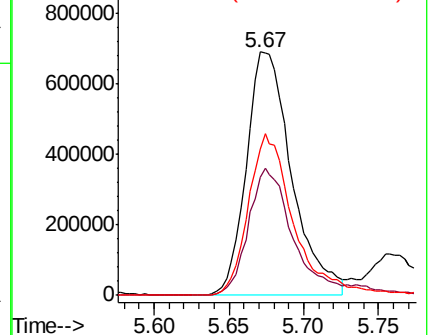
130 68.1 33.9 101.7



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: 7.064 ppbv

RT: 3.06 min Scan# 84

Delta R.T. 0.02 min

Lab File: VL037699.D

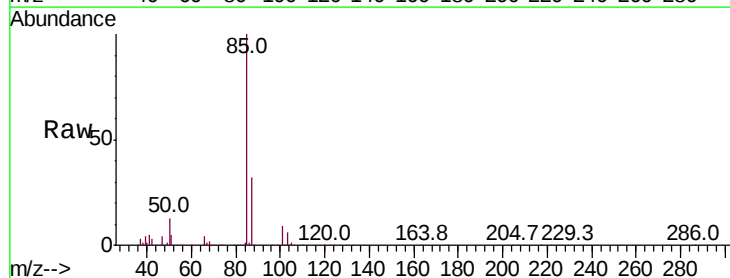
Acq: 28 Sep 2021 11:34

Tgt Ion: 85 Resp: 1855926

Ion Ratio Lower Upper

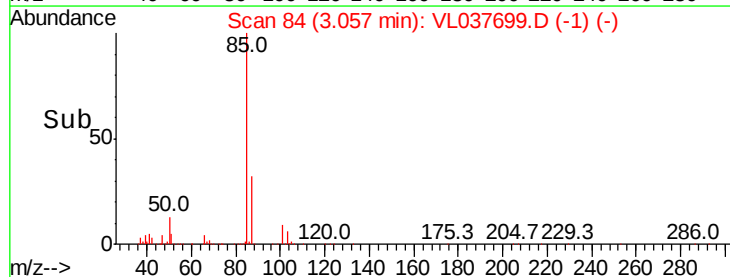
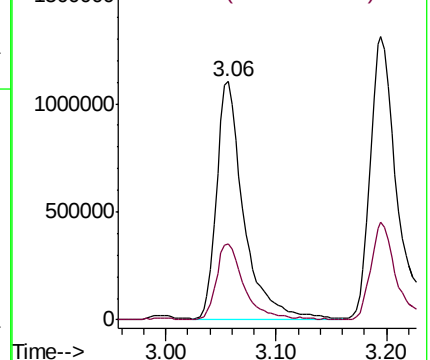
85 100

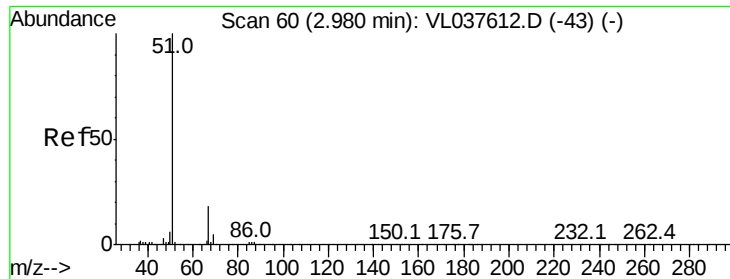
87 32.0 26.8 40.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 9.547 ppbv

RT: 3.00 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

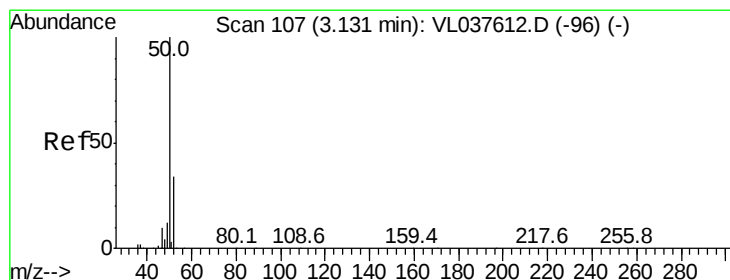
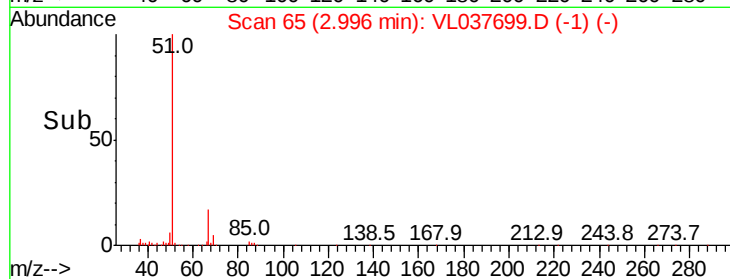
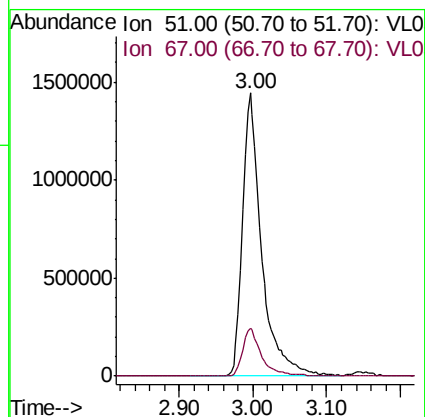
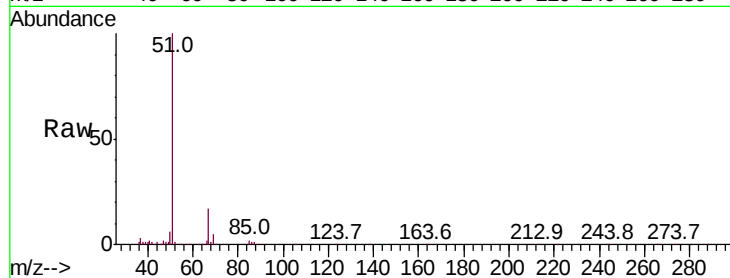
Acq: 28 Sep 2021 11:34

Tot Ion: 51 Resp: 2614395

Ion Ratio Lower Upper

51 100

67 17.0 14.0 21.0



#4

Chloromethane

Concen: 9.810 ppbv

RT: 3.15 min Scan# 112

Delta R.T. 0.02 min

Lab File: VL037699.D

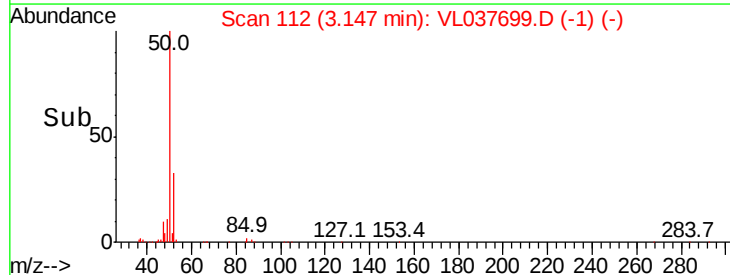
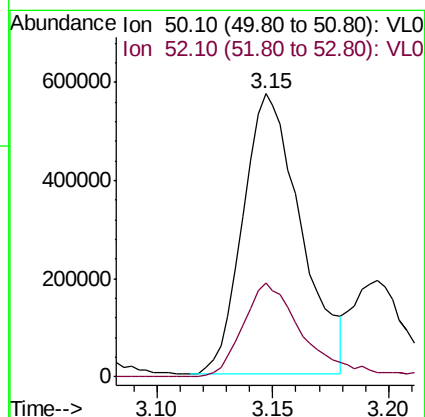
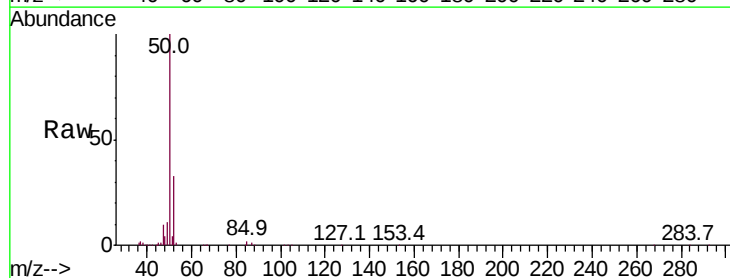
Acq: 28 Sep 2021 11:34

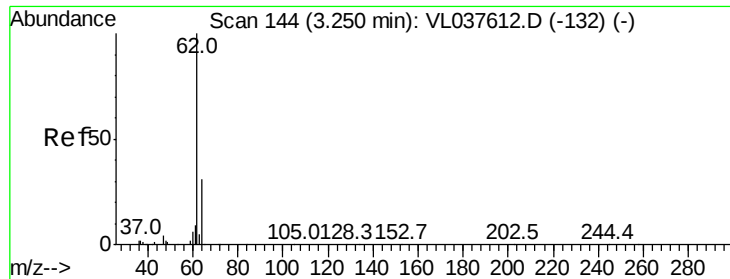
Tgt Ion: 50 Resp: 992525

Ion Ratio Lower Upper

50 100

52 33.4 27.1 40.7





#5

Vinyl Chloride

Concen: 10.347 ppbv

RT: 3.27 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

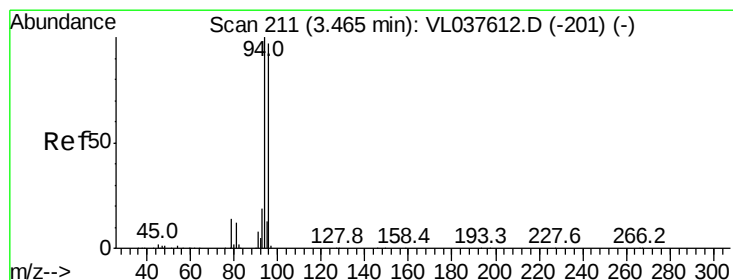
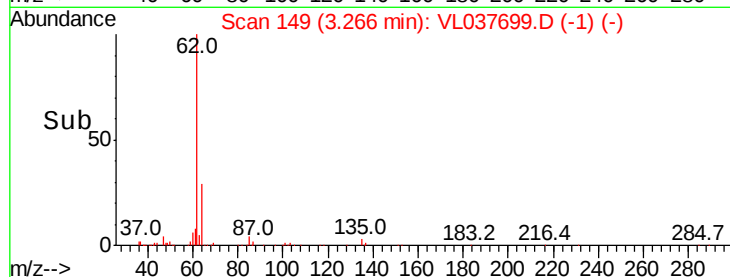
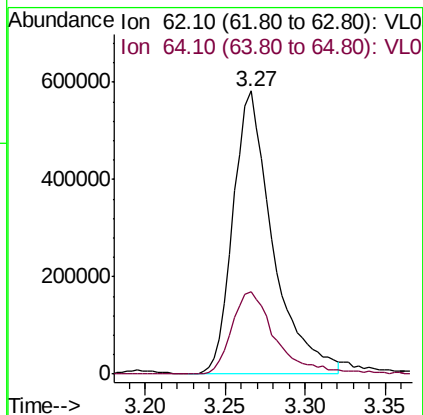
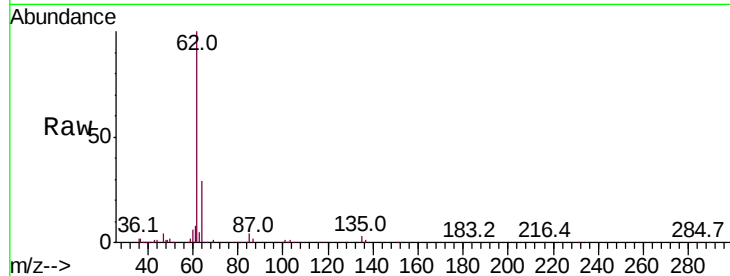
Acq: 28 Sep 2021 11:34

Tot Ion: 62 Resp: 983313

Ion Ratio Lower Upper

62 100

64 29.4 24.9 37.3



#6

Bromomethane

Concen: 9.164 ppbv

RT: 3.48 min Scan# 215

Delta R.T. 0.01 min

Lab File: VL037699.D

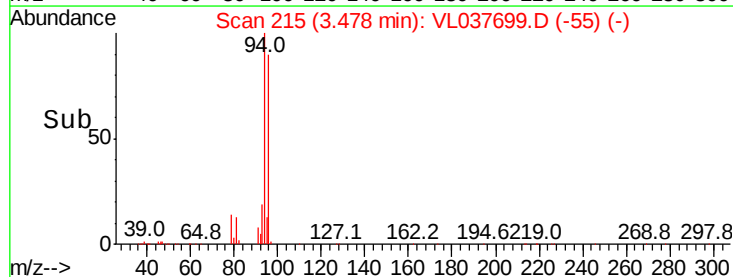
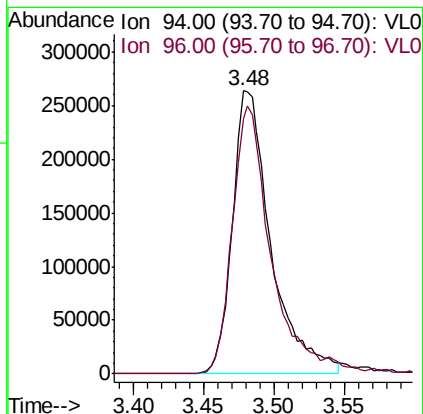
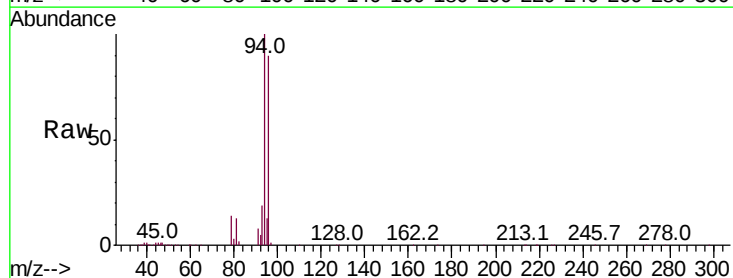
Acq: 28 Sep 2021 11:34

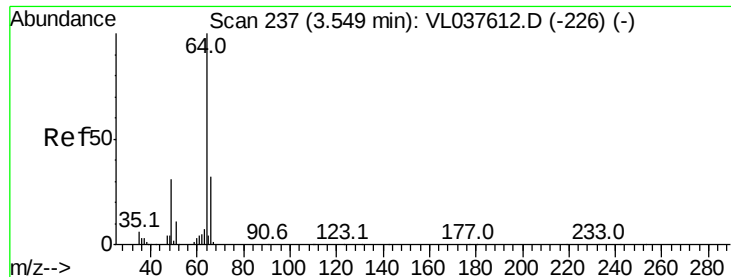
Tgt Ion: 94 Resp: 506198

Ion Ratio Lower Upper

94 100

96 90.3 77.3 115.9





#7

Chloroethane

Concen: 9.760 ppbv

RT: 3.57 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

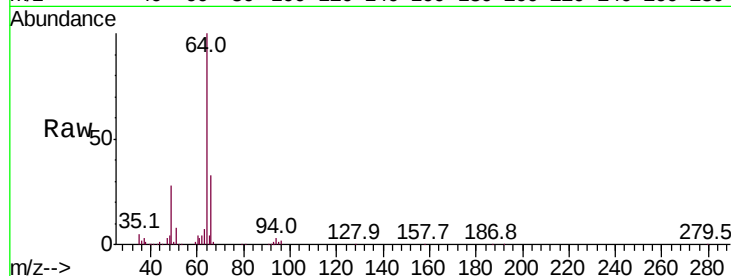
Acq: 28 Sep 2021 11:34

Tot Ion: 64 Resp: 346652

Ion Ratio Lower Upper

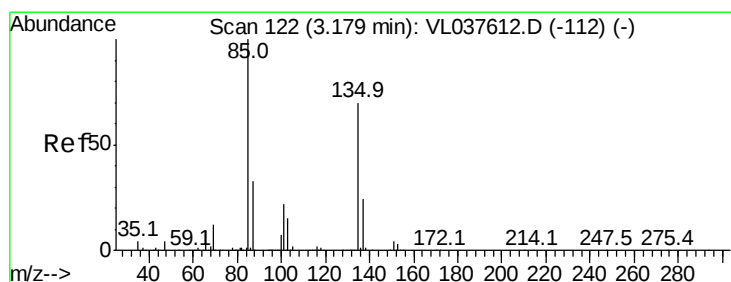
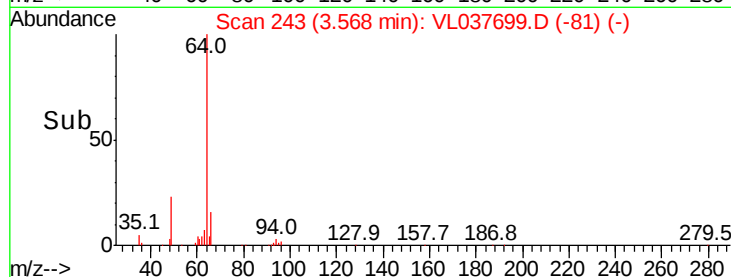
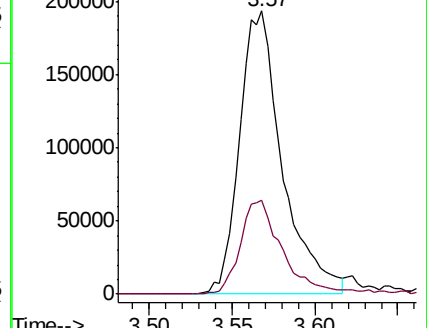
64 100

66 33.0 25.3 37.9



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 9.838 ppbv

RT: 3.20 min Scan# 127

Delta R.T. 0.02 min

Lab File: VL037699.D

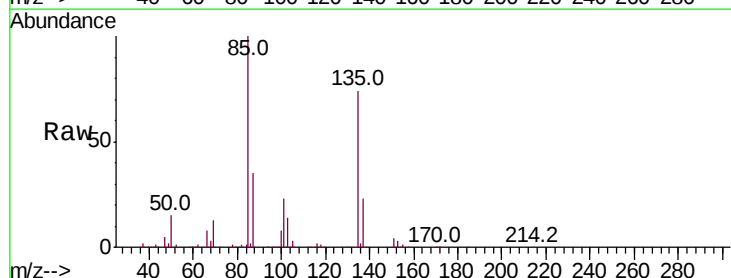
Acq: 28 Sep 2021 11:34

Tgt Ion: 85 Resp: 2229477

Ion Ratio Lower Upper

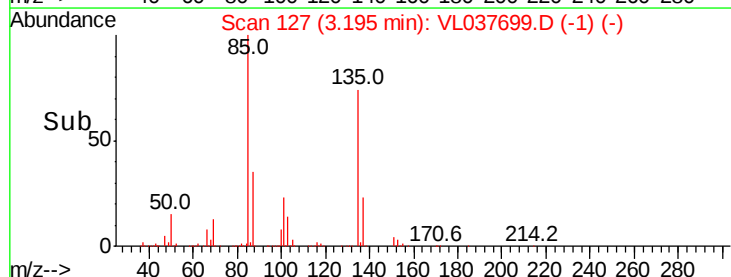
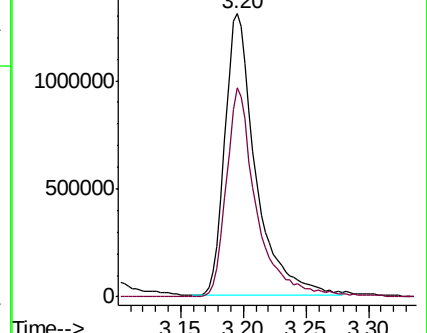
85 100

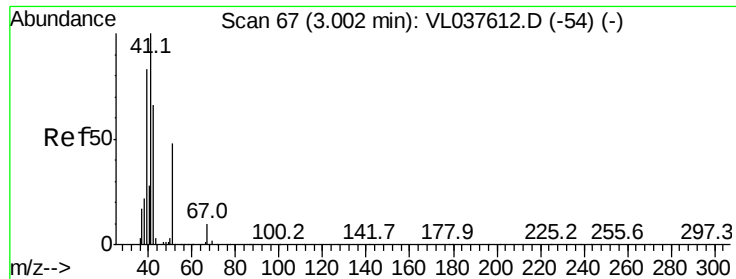
135 73.6 59.3 88.9



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 10.166 ppbv

RT: 3.02 Instrument :

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

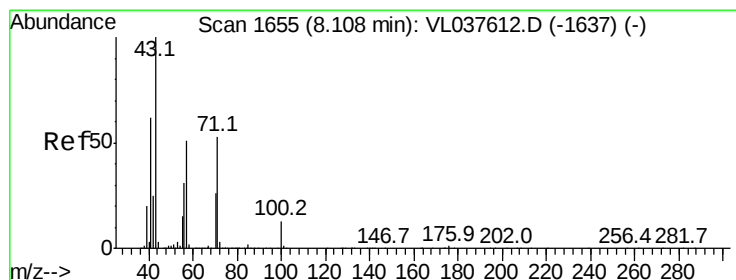
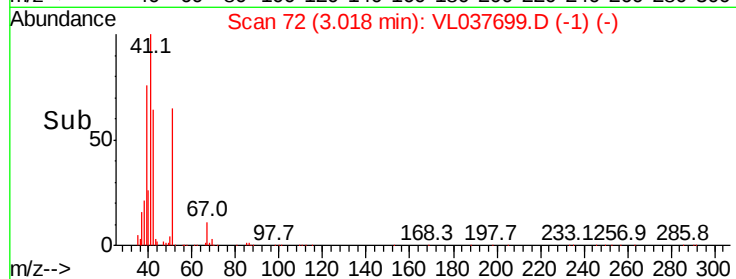
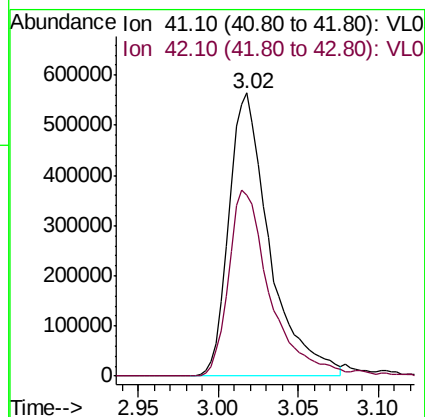
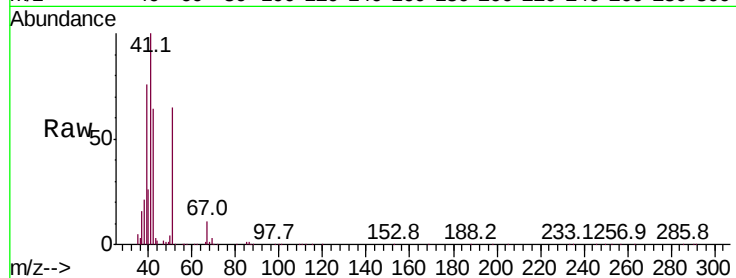
Acq: 28 Sep 2021 11:34

Tot Ion: 41 Resp: 982046

Ion Ratio Lower Upper

41 100

42 68.3 57.2 85.8



#10

Heptane

Concen: 10.850 ppbv

RT: 8.13 min Scan# 1662

Delta R.T. 0.02 min

Lab File: VL037699.D

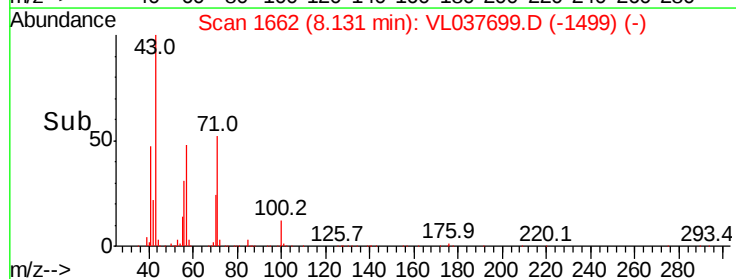
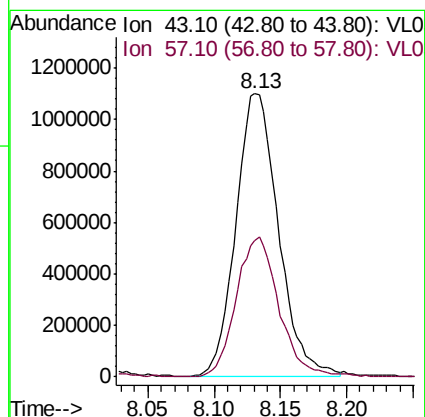
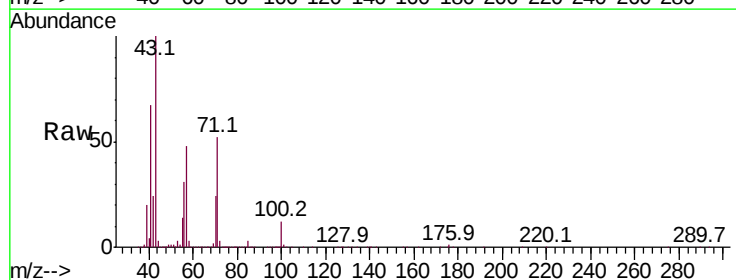
Acq: 28 Sep 2021 11:34

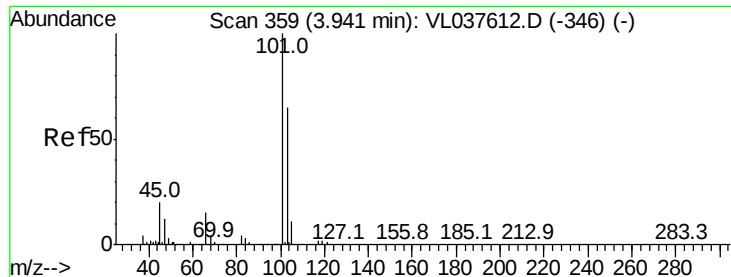
Tgt Ion: 43 Resp: 2445476

Ion Ratio Lower Upper

43 100

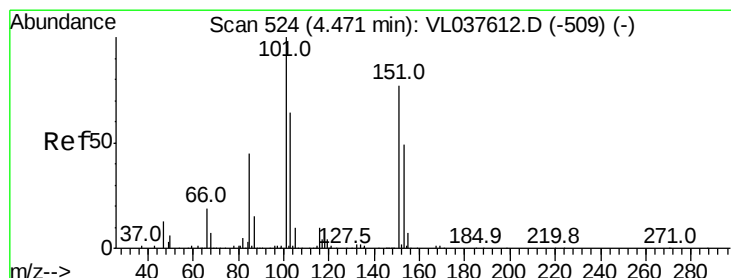
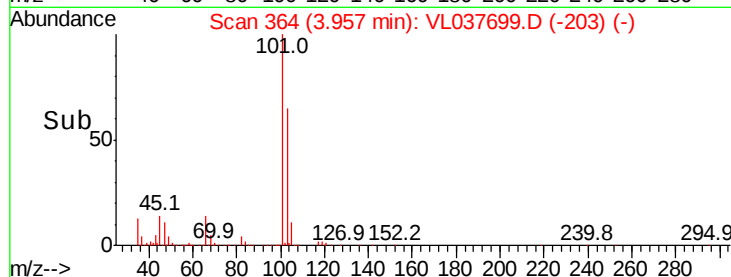
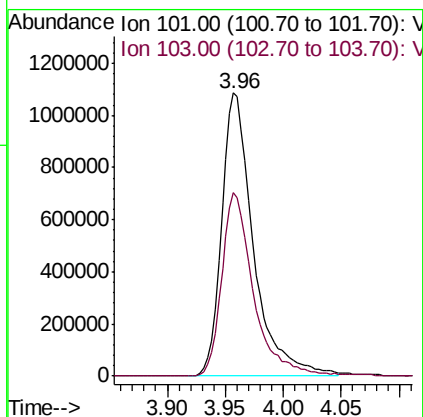
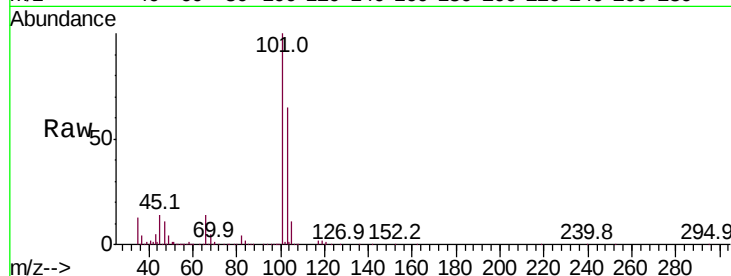
57 50.1 40.1 60.1





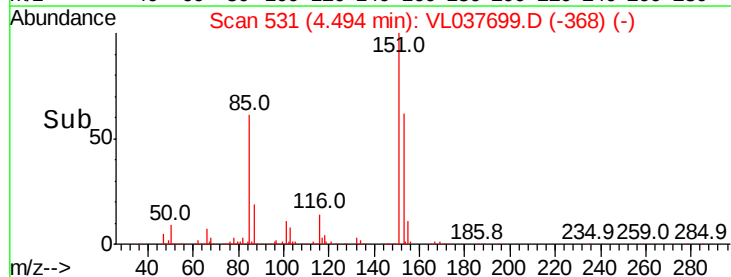
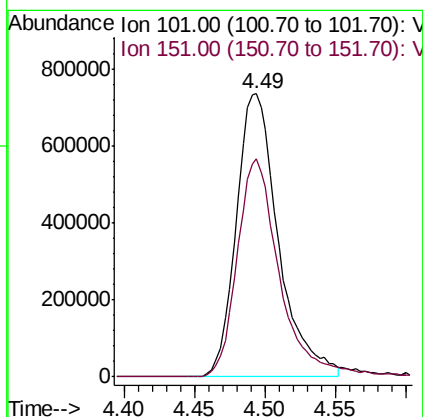
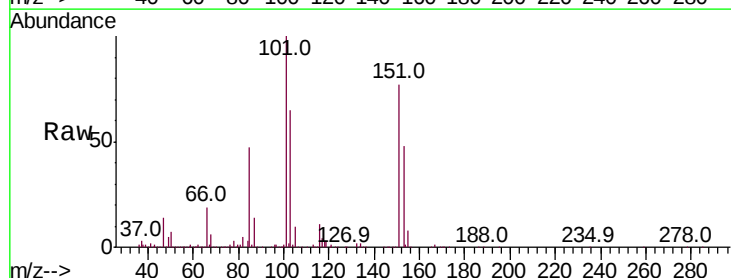
#11
 Trichlorofluoromethane
 Concen: 9.857 ppbv
 RT: 3.96
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 28 Sep 2021 11:34

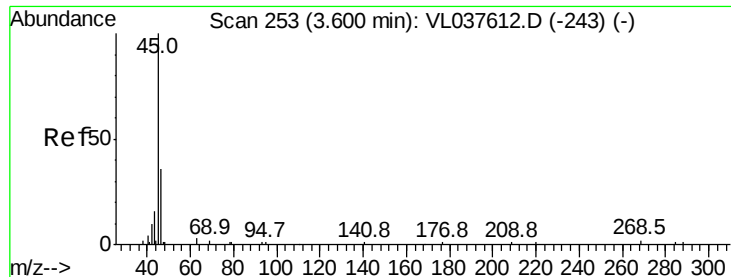
Tot Ion:101 Resp: 2078959
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.9 77.9



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.917 ppbv
 RT: 4.49 min Scan# 531
 Delta R.T. 0.02 min
 Lab File: VL037699.D
 Acq: 28 Sep 2021 11:34

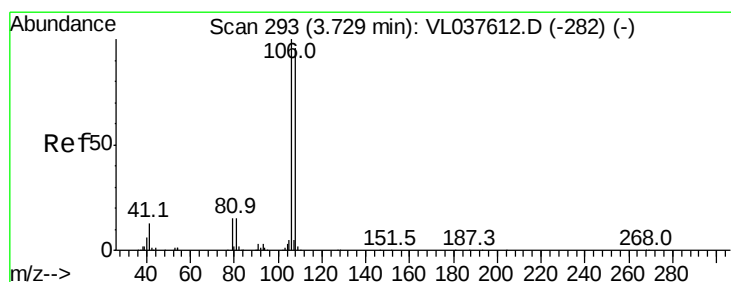
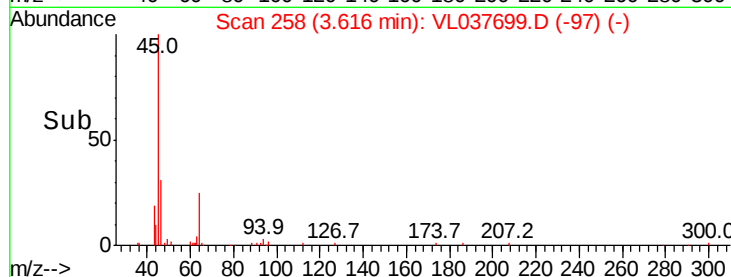
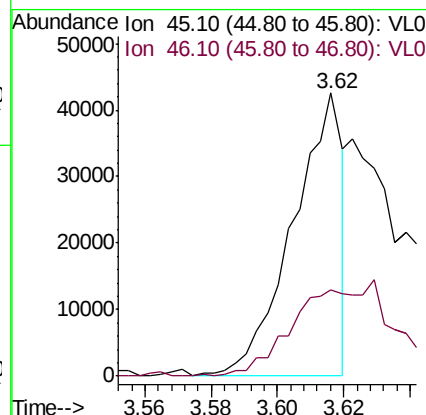
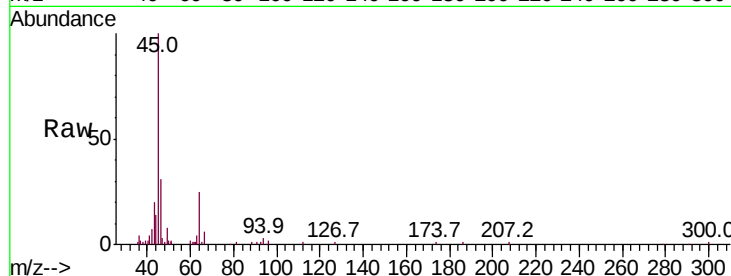
Tgt Ion:101 Resp: 1543998
 Ion Ratio Lower Upper
 101 100
 151 78.4 63.5 95.3





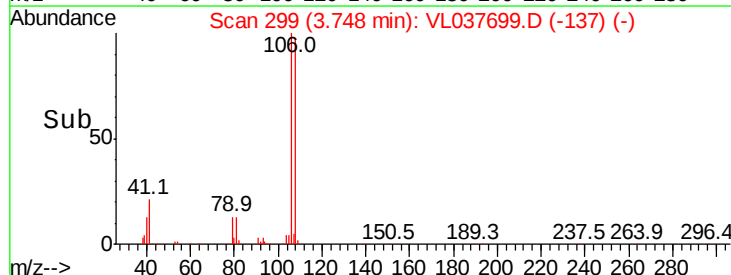
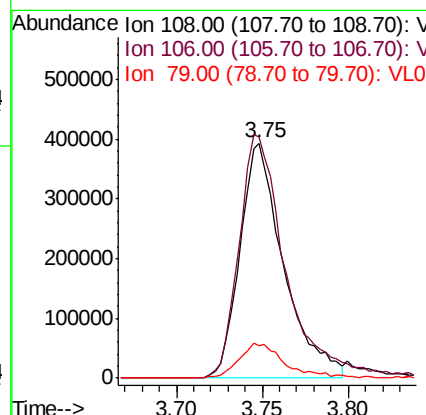
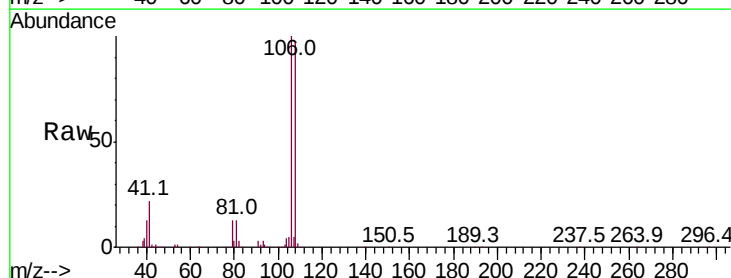
#13
Ethanol
Concen: 4.699 ppbv
RT: 3.62
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
Acq: 28 Sep 2021 11:34

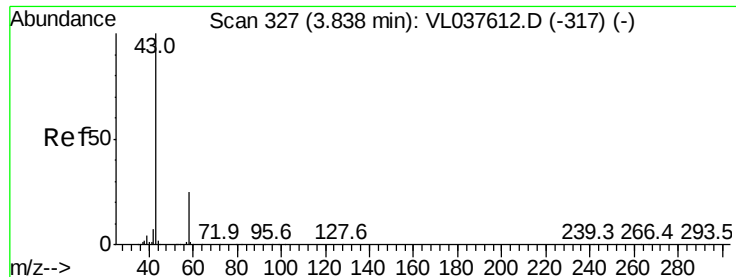
Tot Ion: 45 Resp: 44396
Ion Ratio Lower Upper
45 100
46 0.0 17.2 68.8#



#14
Bromoethene
Concen: 9.775 ppbv
RT: 3.75 min Scan# 299
Delta R.T. 0.02 min
Lab File: VL037699.D
Acq: 28 Sep 2021 11:34

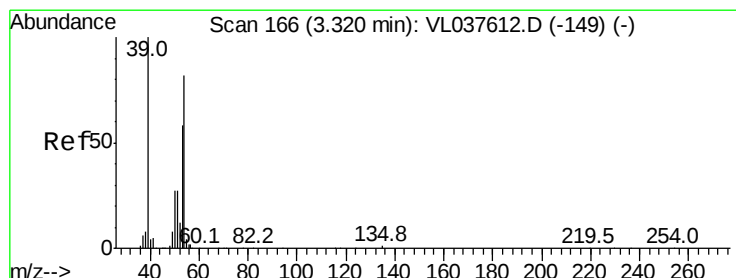
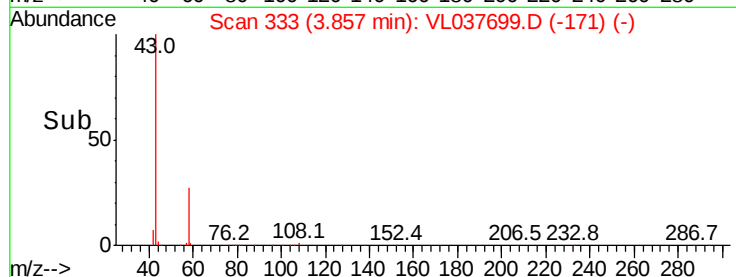
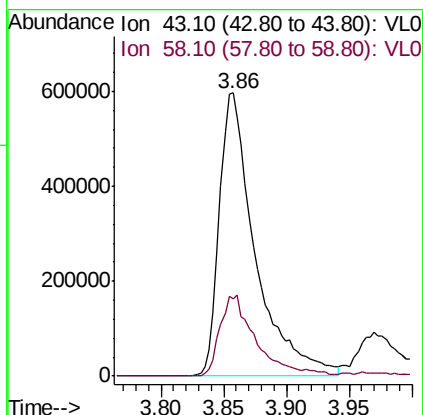
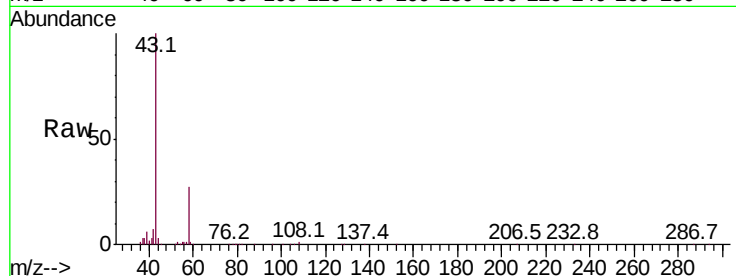
Tgt Ion: 108 Resp: 692731
Ion Ratio Lower Upper
108 100
106 113.1 88.2 132.4
79 16.2 12.8 19.2





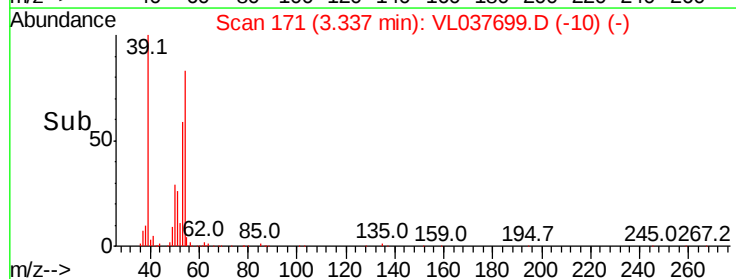
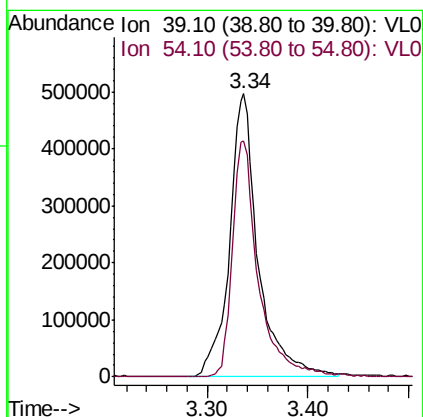
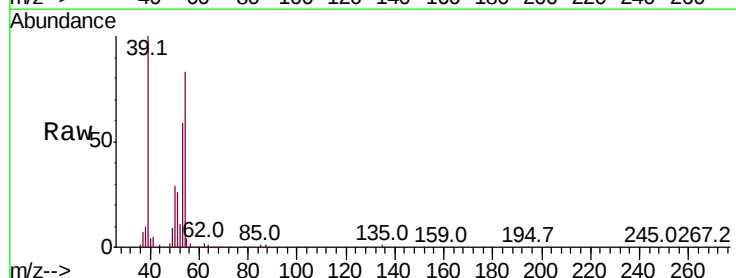
#15
Acetone
Concen: 7.872 ppbv
RT: 3.86
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 28 Sep 2021 11:34

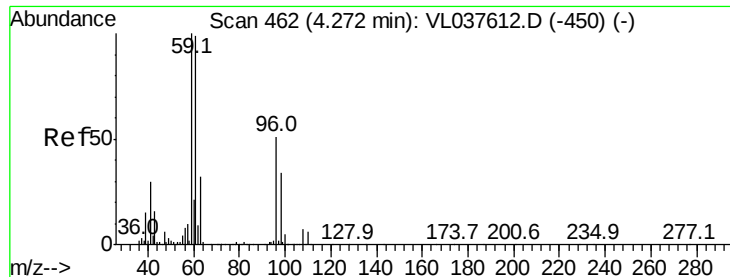
Tot Ion: 43 Resp: 1187430
Ion Ratio Lower Upper
43 100
58 29.0 24.9 37.3



#16
1,3-Butadiene
Concen: 10.470 ppbv
RT: 3.34 min Scan# 171
Delta R.T. 0.02 min
Lab File: VL037699.D
Acq: 28 Sep 2021 11:34

Tgt Ion: 39 Resp: 986861
Ion Ratio Lower Upper
39 100
54 76.2 62.6 93.8





#17

tert-Butyl alcohol

Concen: 10.743 ppbv

RT: 4.29 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

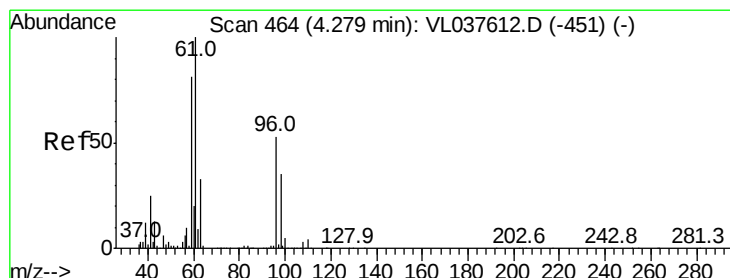
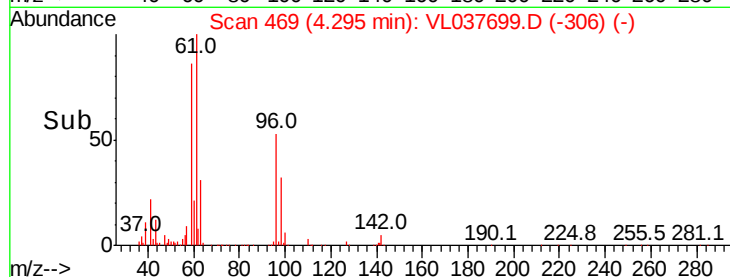
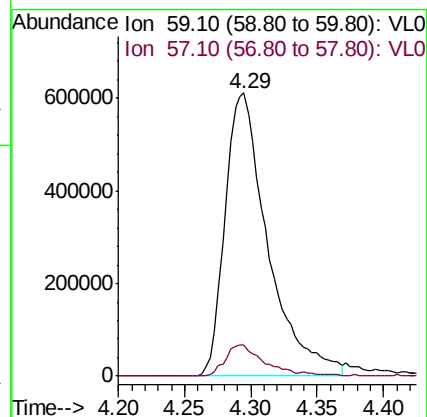
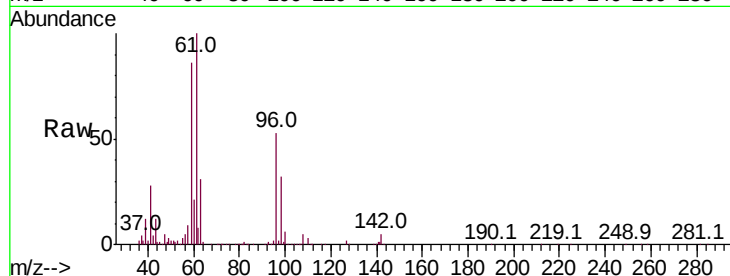
Acq: 28 Sep 2021 11:34

Tot Ion: 59 Resp: 1374123

Ion Ratio Lower Upper

59 100

57 10.6 8.4 12.6



#18

1,1-Dichloroethene

Concen: 9.704 ppbv

RT: 4.29 min Scan# 469

Delta R.T. 0.02 min

Lab File: VL037699.D

Acq: 28 Sep 2021 11:34

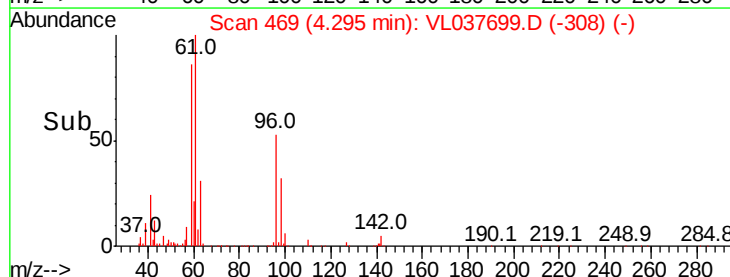
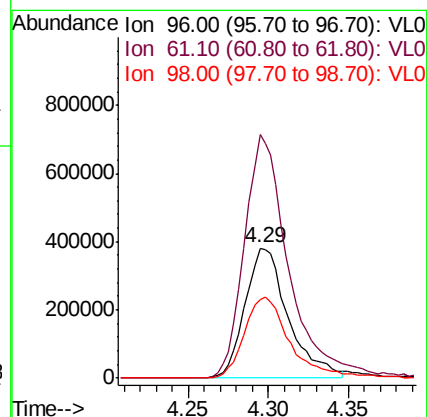
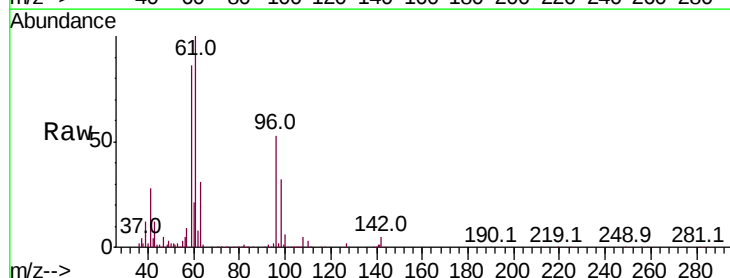
Tgt Ion: 96 Resp: 703760

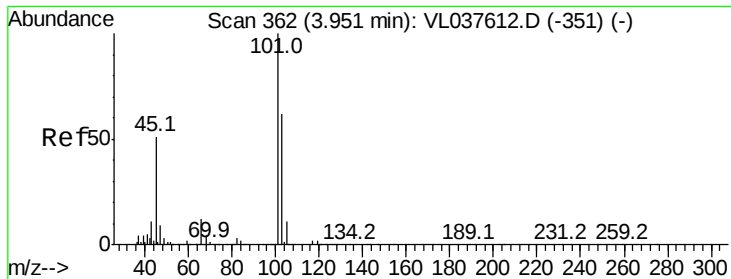
Ion Ratio Lower Upper

96 100

61 187.3 150.4 225.6

98 60.4 52.1 78.1





#19

Isopropyl Alcohol

Concen: 10.033 ppbv

RT: 3.97 Instrument:

Delta R.T. MSVOA.L

Lab File: ClientSampleId:

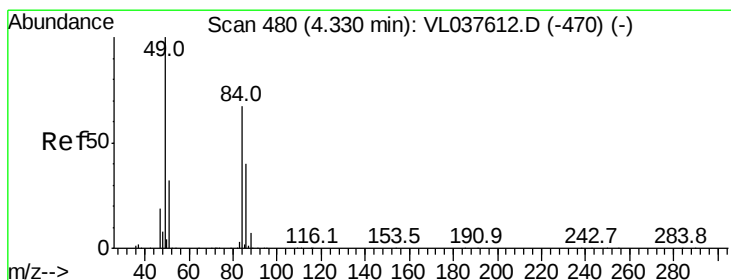
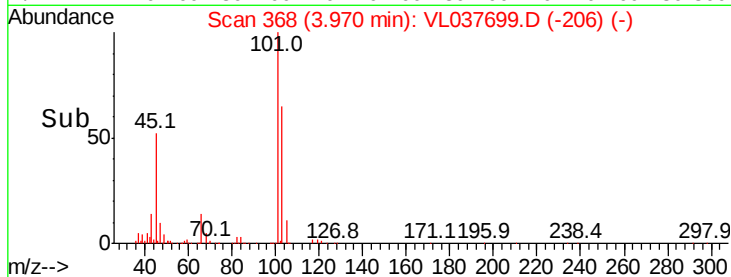
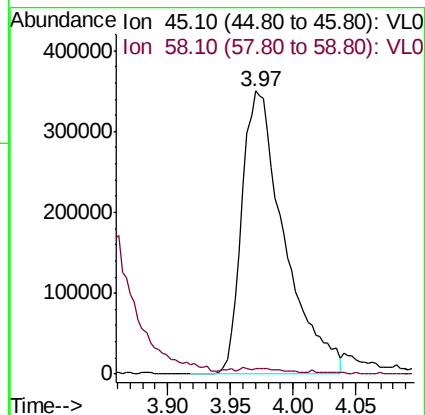
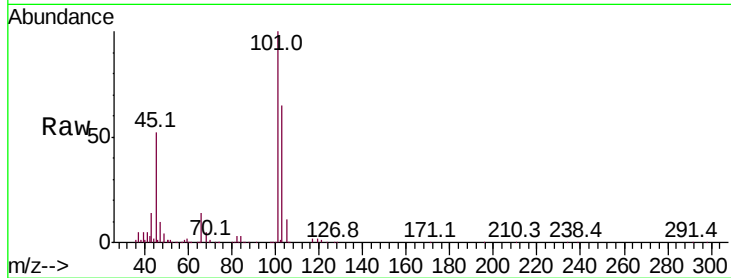
Acq: 28 Sep 2021 11:34

Tot Ion: 45 Resp: 823438

Ion Ratio Lower Upper

45 100

58 2.2 2.9 4.3#



#20

Methylene Chloride

Concen: 8.636 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.02 min

Lab File: VL037699.D

Acq: 28 Sep 2021 11:34

Tgt Ion: 84 Resp: 621889

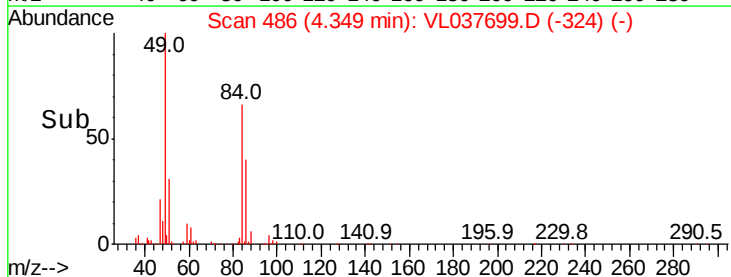
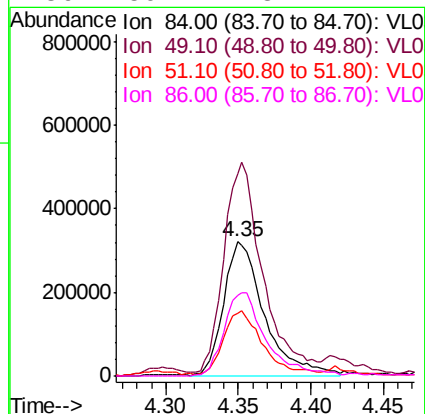
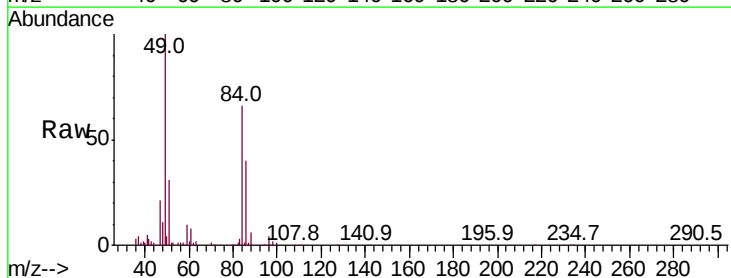
Ion Ratio Lower Upper

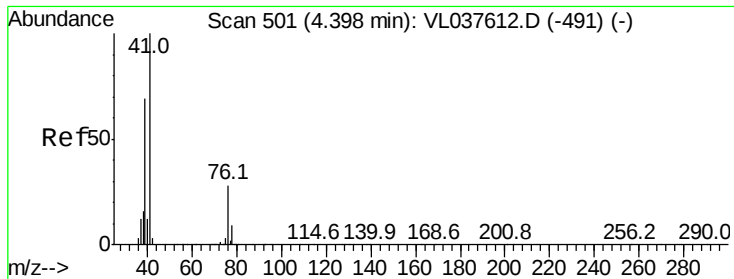
84 100

49 148.8 120.0 180.0

51 45.3 38.0 57.0

86 59.7 48.2 72.2





#21

Allvl Chloride

Concen: 10.172 ppbv

RT: 4.42 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 28 Sep 2021 11:34

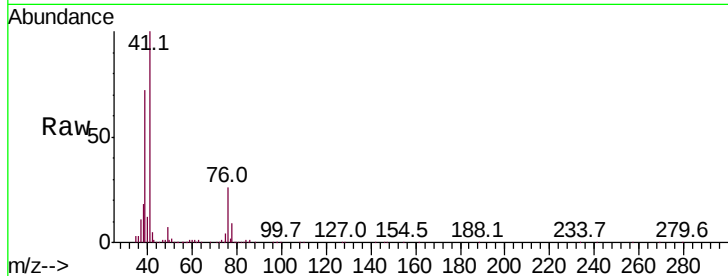
Tot Ion: 41 Resp: 1146227

Ion Ratio Lower Upper

41 100

76 27.8 23.1 34.7

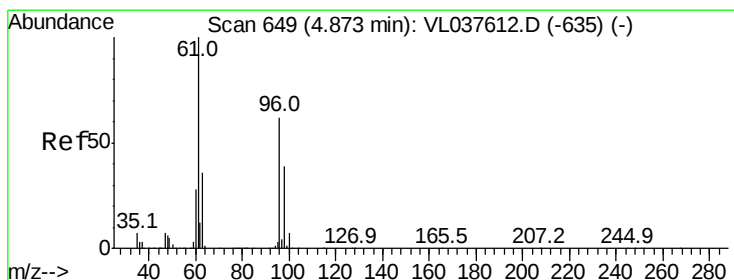
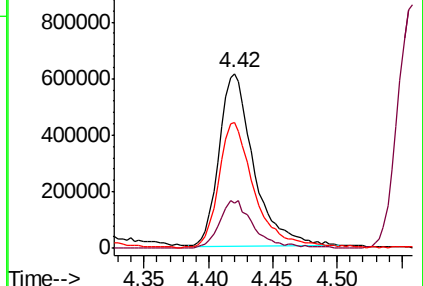
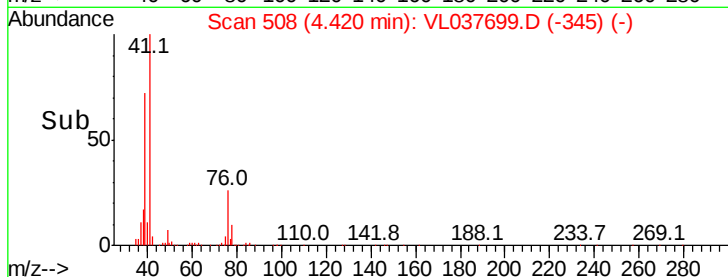
39 74.1 61.0 91.6



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 76.10 (75.80 to 76.80): VL0

Ion 39.10 (38.80 to 39.80): VL0



#22

trans-1,2-Dichloroethene

Concen: 9.821 ppbv

RT: 4.89 min Scan# 655

Delta R.T. 0.02 min

Lab File: VL037699.D

Acq: 28 Sep 2021 11:34

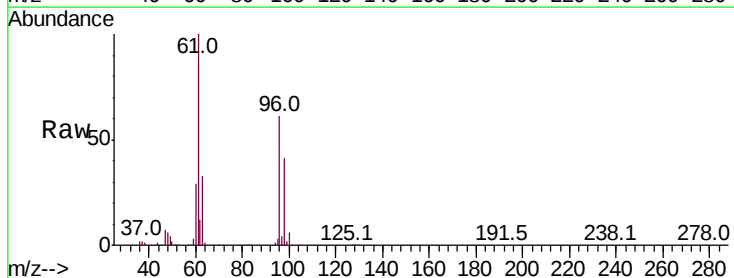
Tgt Ion: 96 Resp: 716653

Ion Ratio Lower Upper

96 100

61 164.6 129.2 193.8

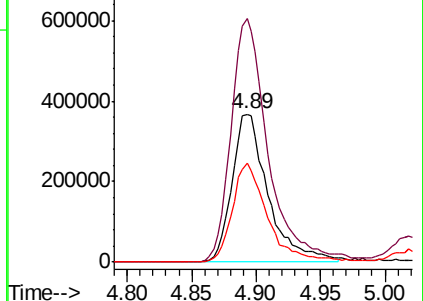
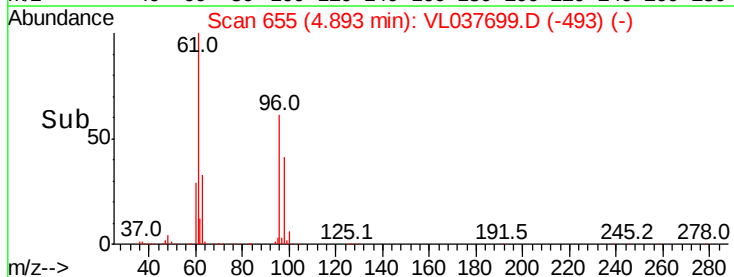
98 66.9 50.4 75.6

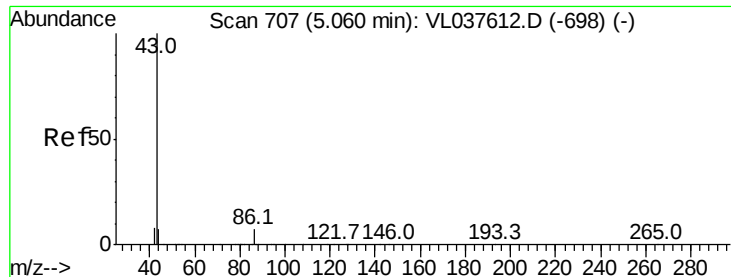


Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0





#23

Vinyl Acetate

Concen: 10.868 ppbv

RT: 5.08 Instrument:

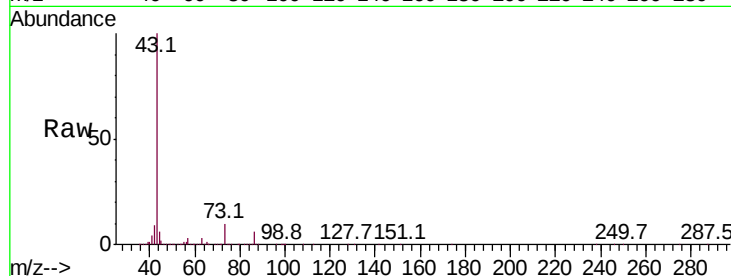
Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 28 Sep 2021 11:34

Tot Ion: 43 Resp: 2268425

Ion	Ratio	Lower	Upper
43	100		
86	5.8	5.0	7.6
42	9.3	7.5	11.3
44	5.2	4.7	7.1

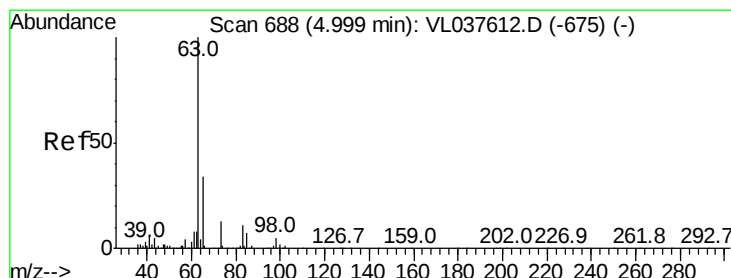
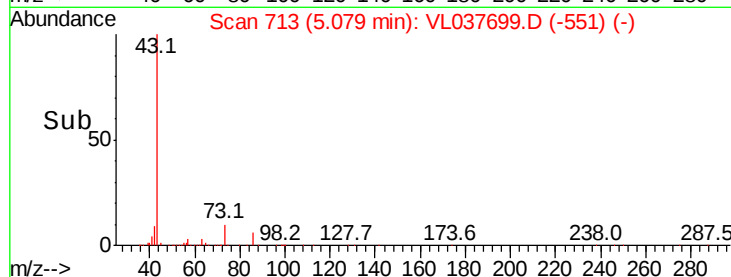
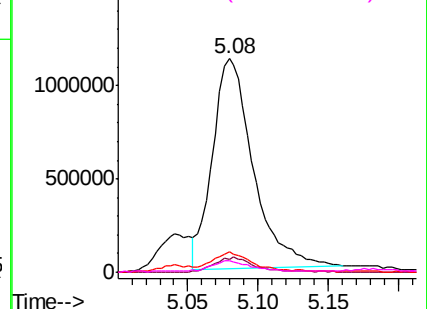


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 9.539 ppbv

RT: 5.02 min Scan# 694

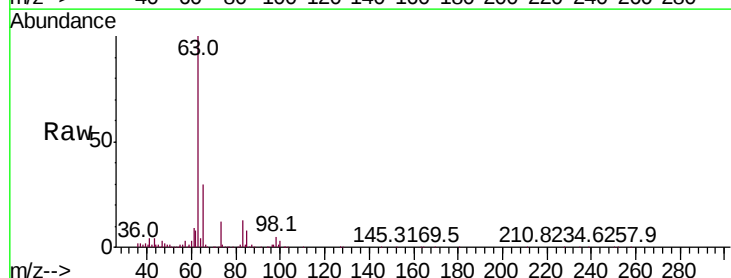
Delta R.T. 0.02 min

Lab File: VL037699.D

Acq: 28 Sep 2021 11:34

Tgt Ion: 63 Resp: 1426398

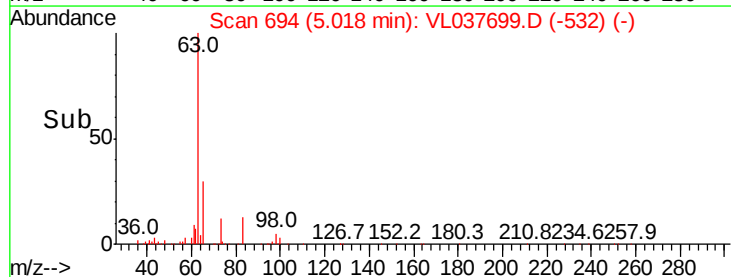
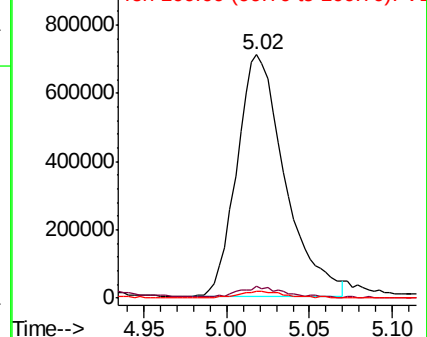
Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.4	7.2
100	2.9	1.1	3.5

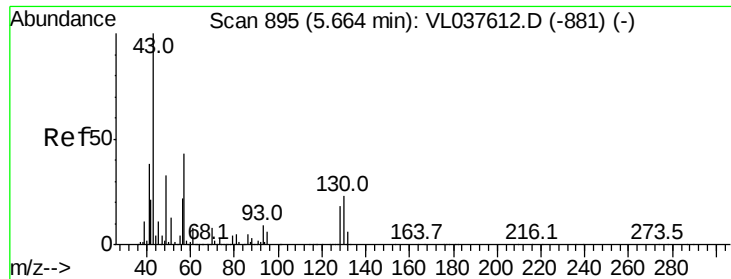


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

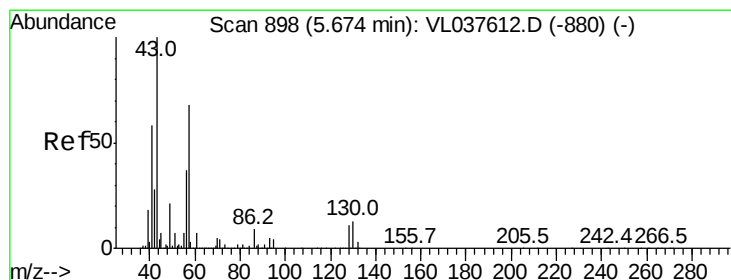
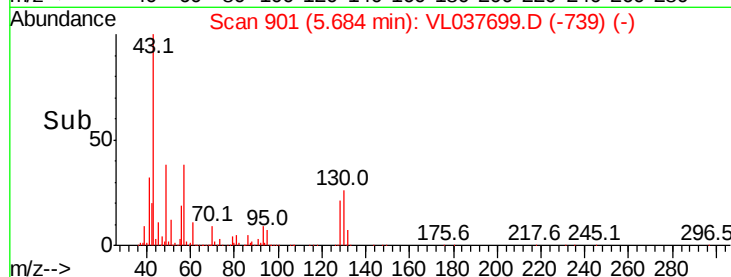
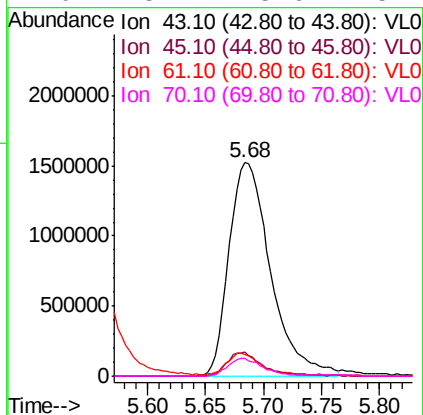
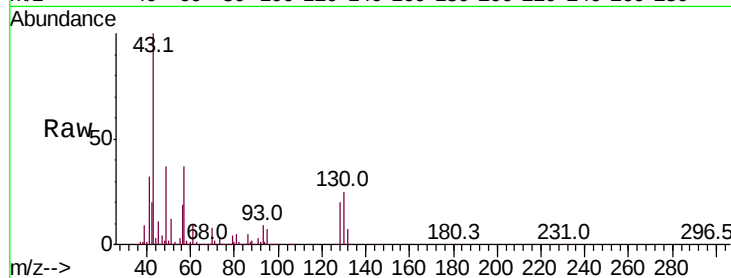
Ion 100.00 (99.70 to 100.70): VL0





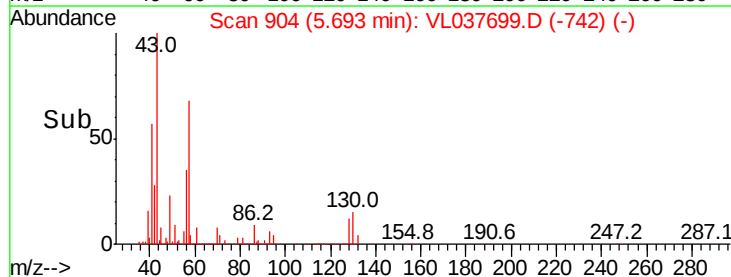
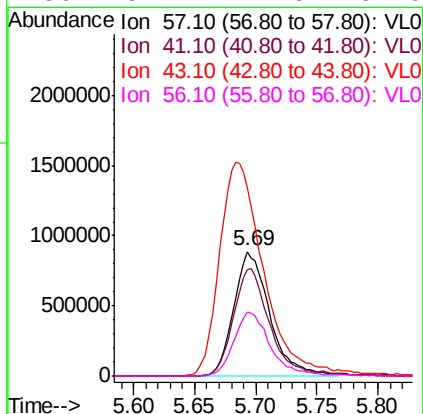
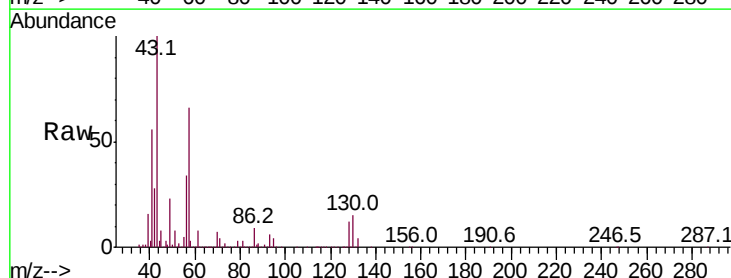
#25
Ethyl Acetate
Concen: 10.347 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 28 Sep 2021 11:34

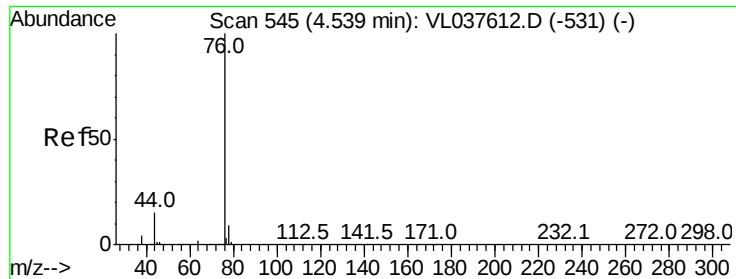
Tot Ion:	43	Resp:	3780226
Ion	Ratio	Lower	Upper
43	100		
45	9.8	8.0	12.0
61	9.9	7.5	11.3
70	8.2	5.6	8.4



#26
Hexane
Concen: 10.419 ppbv
RT: 5.69 min Scan# 904
Delta R.T.: 0.02 min
Lab File: VL037699.D
Acq: 28 Sep 2021 11:34

Tgt Ion:	57	Resp:	1808090
Ion	Ratio	Lower	Upper
57	100		
41	88.3	70.9	106.3
43	214.4	170.4	255.6
56	52.7	42.6	64.0





#27

Carbon Disulfide

Concen: 10.712 ppbv

RT: 4.56 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 28 Sep 2021 11:34

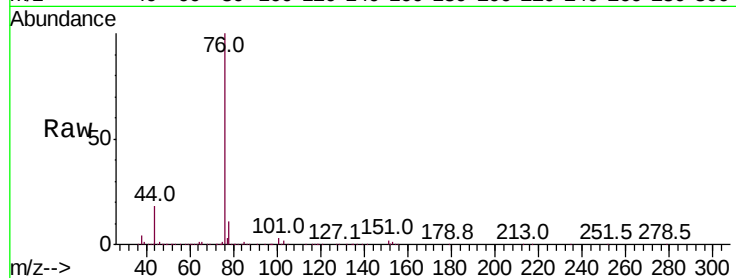
Tot Ion: 76 Resp: 1700582

Ion Ratio Lower Upper

76 100

44 18.4 14.2 21.2

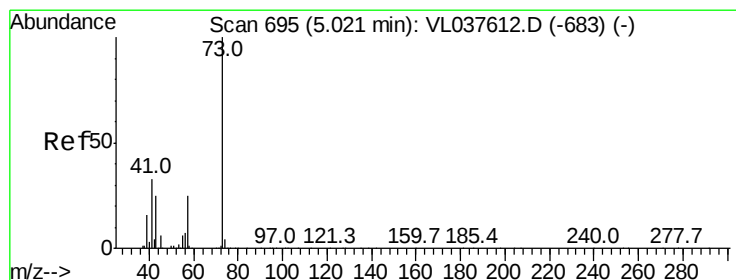
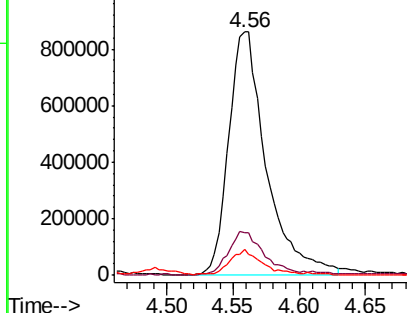
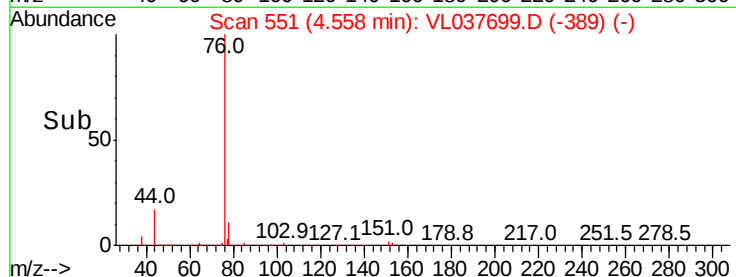
78 10.0 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 11.388 ppbv

RT: 5.04 min Scan# 701

Delta R.T. 0.02 min

Lab File: VL037699.D

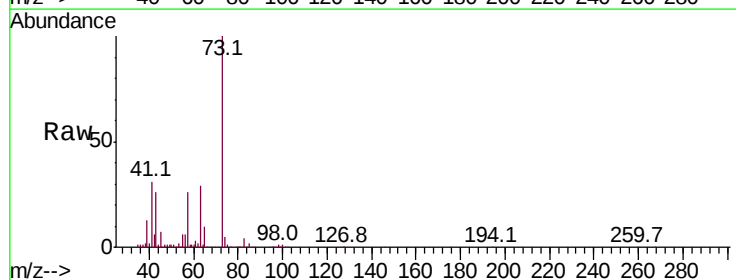
Acq: 28 Sep 2021 11:34

Tgt Ion: 73 Resp: 1740660

Ion Ratio Lower Upper

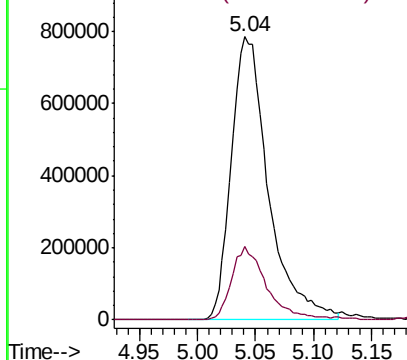
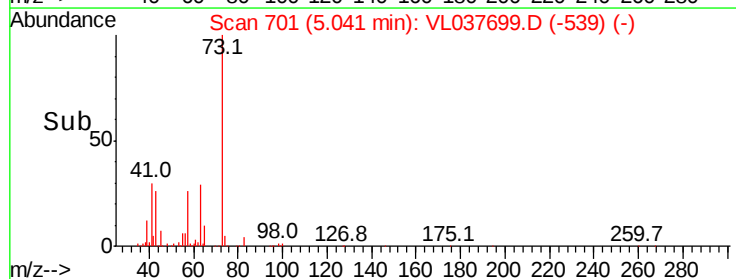
73 100

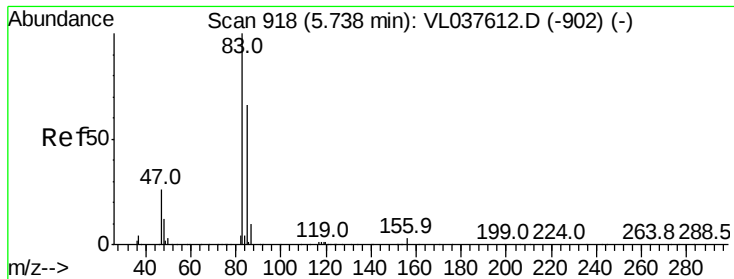
57 24.6 20.1 30.1



Abundance Ion 73.10 (72.80 to 73.80): VL0

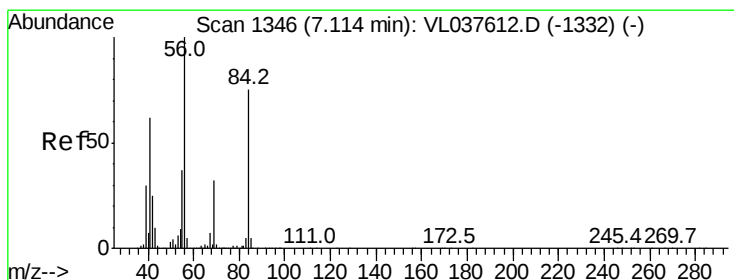
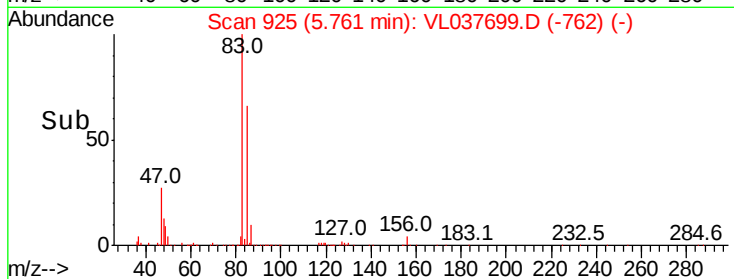
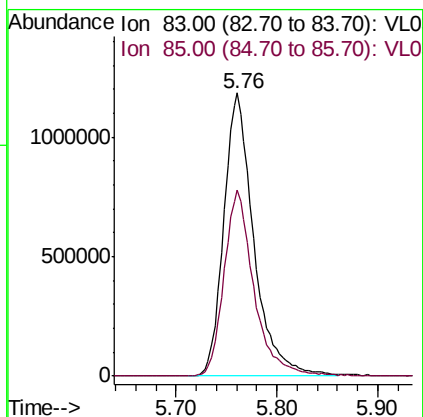
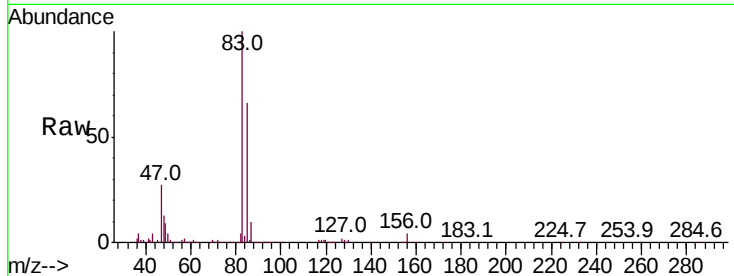
Ion 57.10 (56.80 to 57.80): VL0





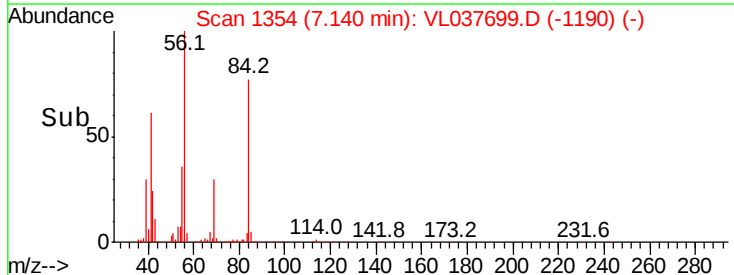
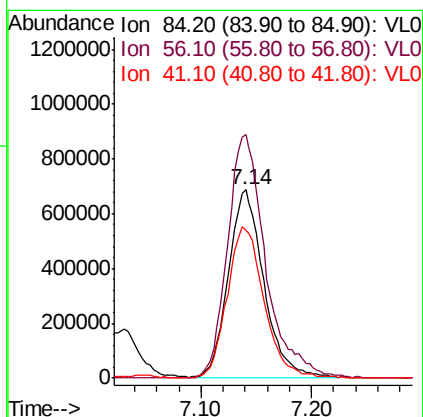
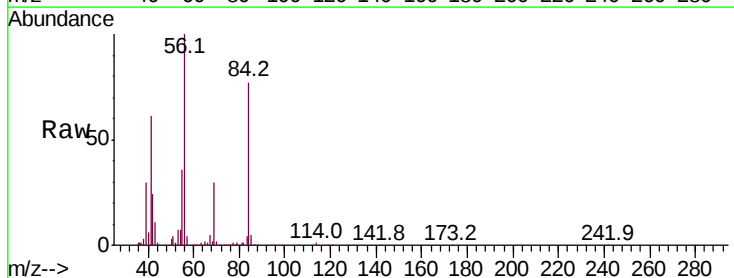
#29
Chloroform
Concen: 9.701 ppbv
RT: 5.76
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 28 Sep 2021 11:34

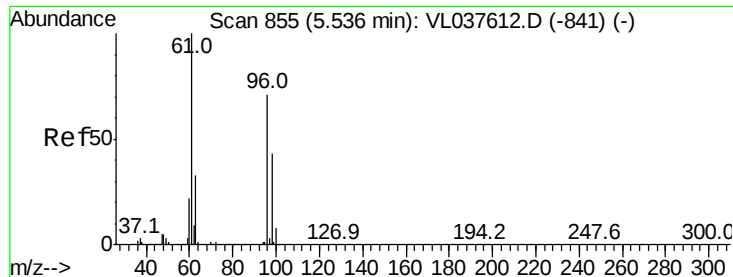
Tot Ion: 83 Resp: 2458452
Ion Ratio Lower Upper
83 100
85 65.6 52.6 79.0



#30
Cyclohexane
Concen: 10.237 ppbv
RT: 7.14 min Scan# 1354
Delta R.T.: 0.03 min
Lab File: VL037699.D
Acq: 28 Sep 2021 11:34

Tgt Ion: 84 Resp: 1519445
Ion Ratio Lower Upper
84 100
56 140.9 113.6 170.4
41 83.9 67.9 101.9





#31

cis-1,2-Dichloroethene

Concen: 10.751 ppbv

RT: 5.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 28 Sep 2021 11:34

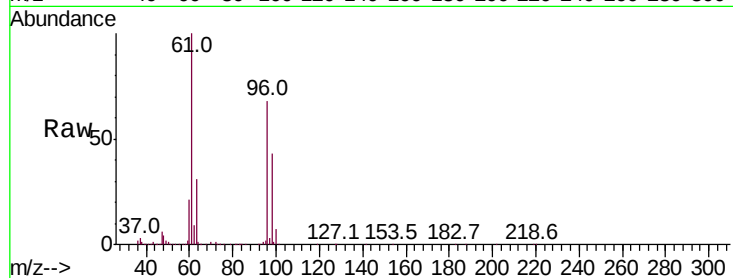
Tot Ion: 61 Resp: 1693779

Ion Ratio Lower Upper

61 100

96 67.6 56.7 85.1

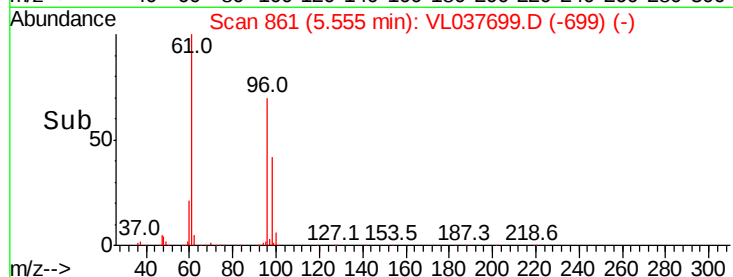
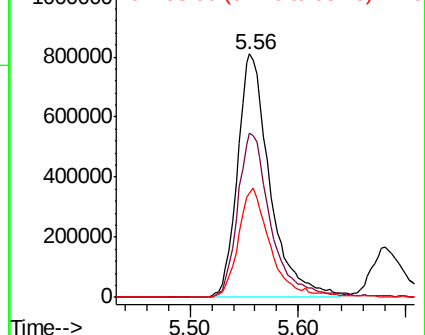
98 42.7 34.6 52.0



Abundance Ion 61.10 (60.80 to 61.80): VL0

Ion 96.00 (95.70 to 96.70): VL0

Ion 98.00 (97.70 to 98.70): VL0



#32

1,1,1-Trichloroethane

Concen: 9.897 ppbv

RT: 6.52 min Scan# 1161

Delta R.T. 0.02 min

Lab File: VL037699.D

Acq: 28 Sep 2021 11:34

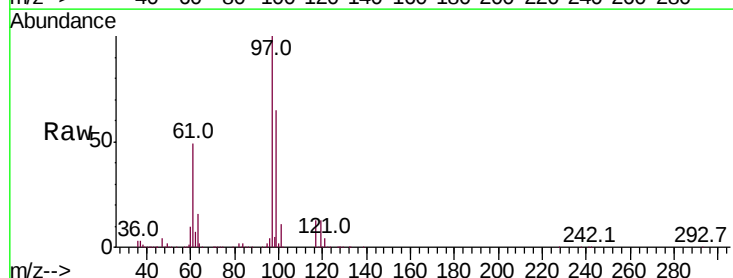
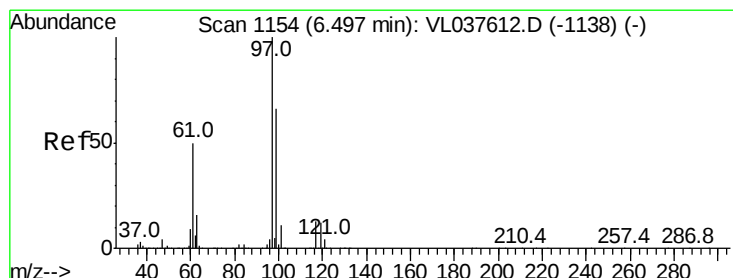
Tgt Ion: 97 Resp: 2334943

Ion Ratio Lower Upper

97 100

99 65.9 52.3 78.5

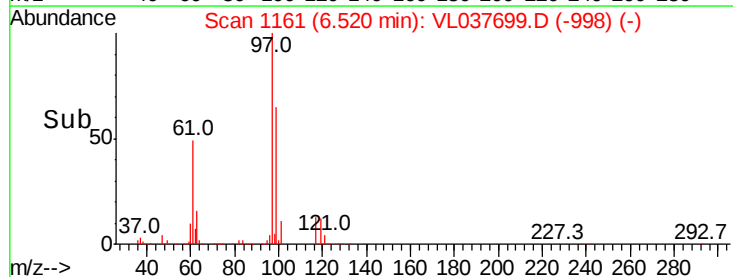
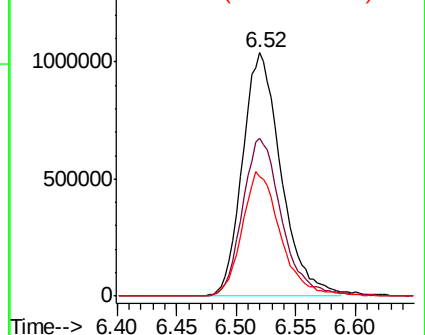
61 50.8 39.5 59.3

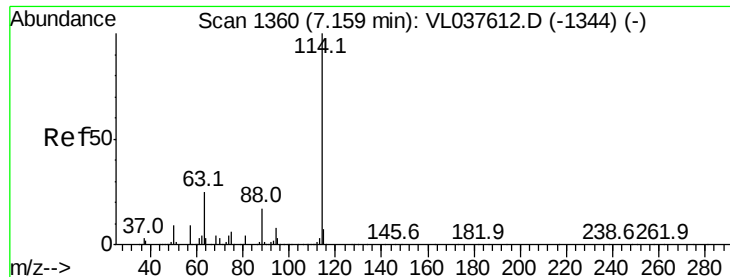


Abundance Ion 97.00 (96.70 to 97.70): VL0

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: 7.19

Instrument: MSVOA_1

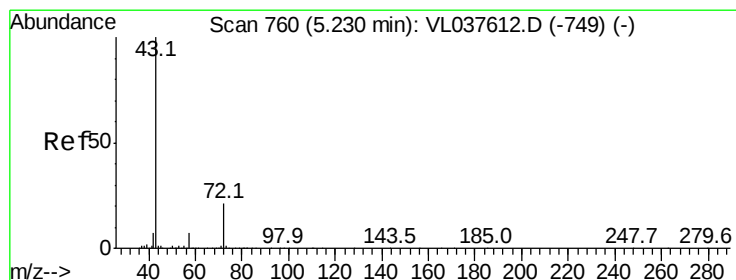
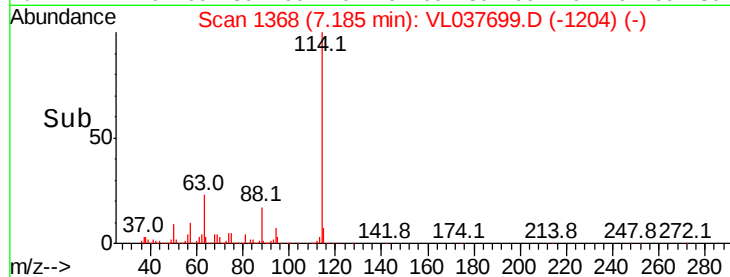
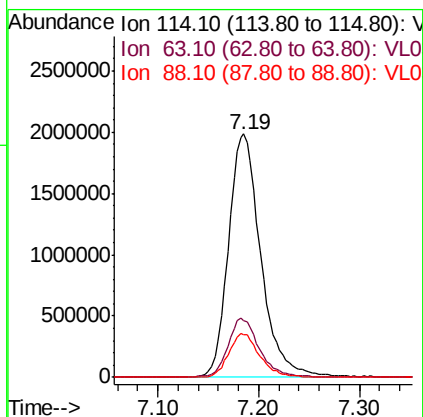
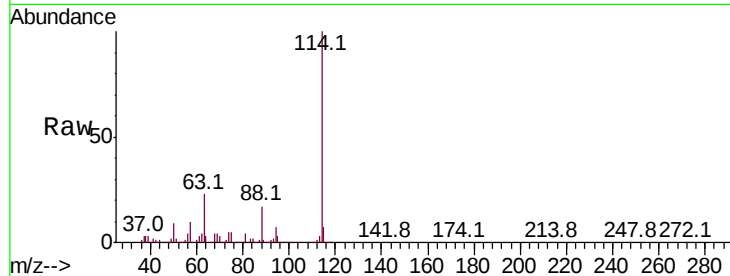
Delta R.T.:

Lab File: ClientSampleId:

Acq: 28 Sep 2021 11:34

Tot Ion:114 Resp: 4425223

Ion	Ratio	Lower	Upper
114	100		
63	24.0	19.6	29.4
88	17.6	14.2	21.4



#34

2-Butanone

Concen: 9.248 ppbv

RT: 5.25 min Scan# 767

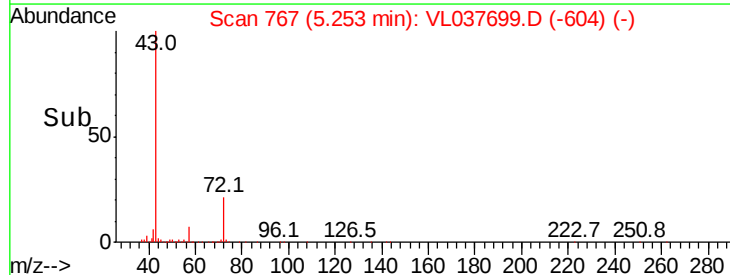
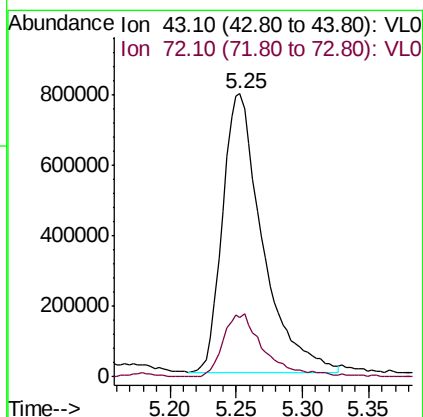
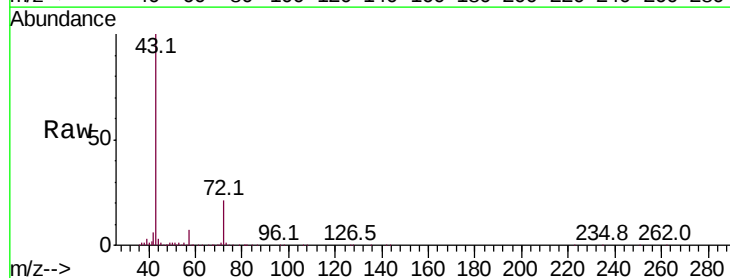
Delta R.T. 0.02 min

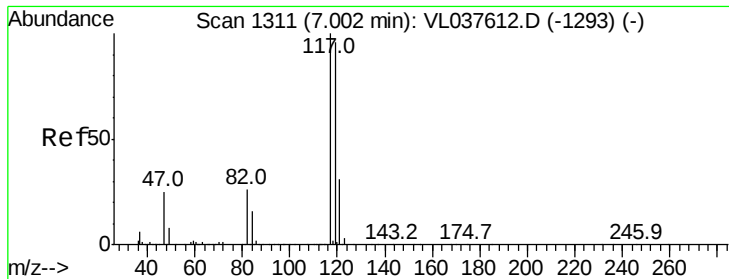
Lab File: VL037699.D

Acq: 28 Sep 2021 11:34

Tgt Ion: 43 Resp: 1663004

Ion	Ratio	Lower	Upper
43	100		
72	24.1	18.4	27.6





#35

Carbon Tetrachloride

Concen: 9.699 ppbv

RT: 7.03 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 28 Sep 2021 11:34

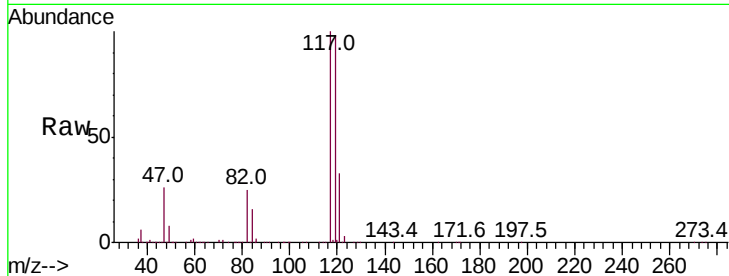
Tot Ion:117 Resp: 2427986

Ion Ratio Lower Upper

117 100

119 97.6 77.0 115.6

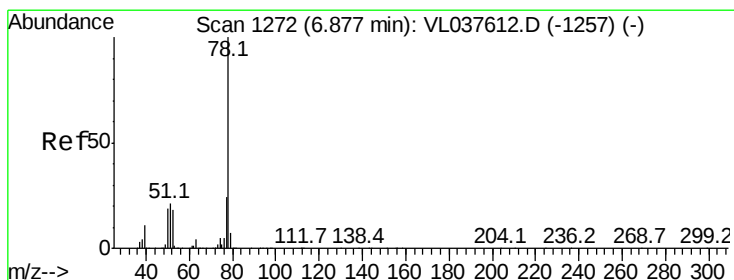
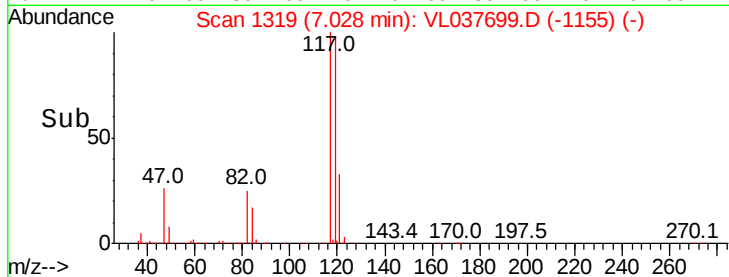
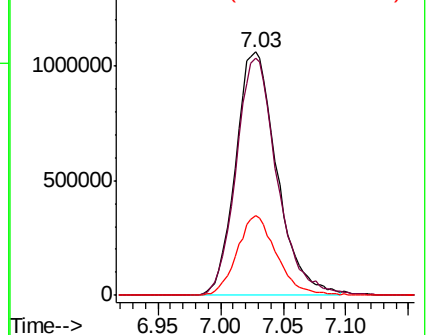
121 32.9 24.5 36.7



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 10.080 ppbv

RT: 6.90 min Scan# 1279

Delta R.T. 0.02 min

Lab File: VL037699.D

Acq: 28 Sep 2021 11:34

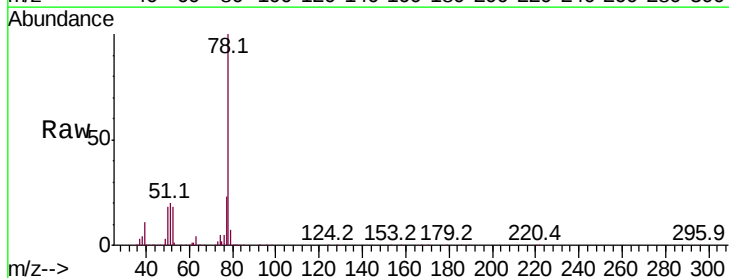
Tgt Ion: 78 Resp: 3719726

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.4

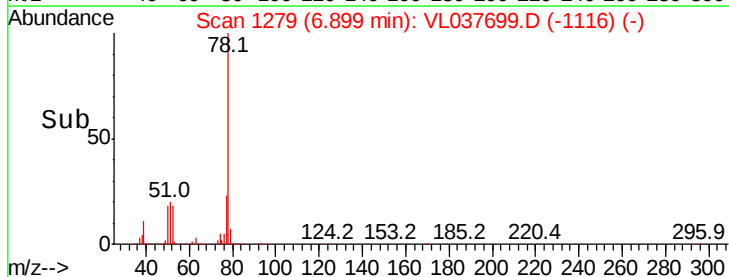
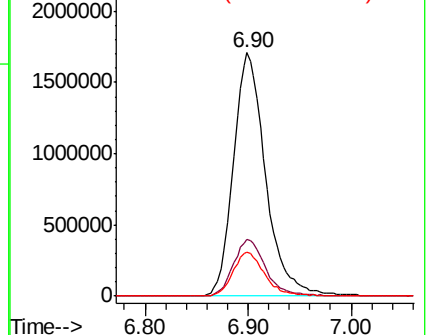
50 18.1 14.8 22.2

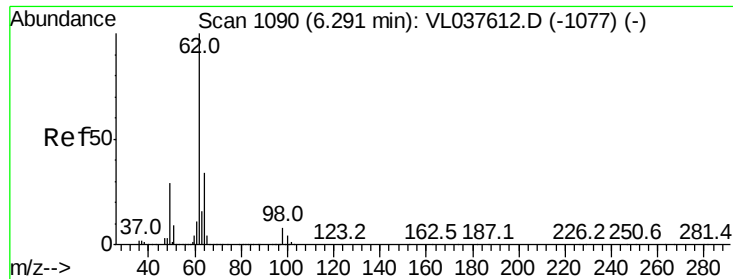


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





#37

1,2-Dichloroethane

Concen: 9.658 ppbv

RT: 6.31 Instrument:

Delta R.T. MSVOA_L

Lab File:

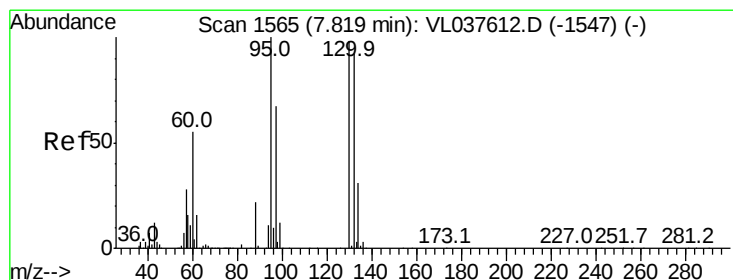
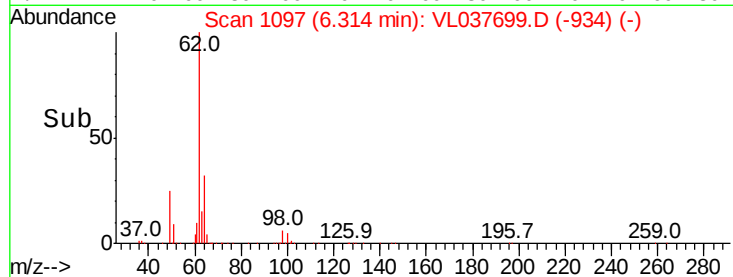
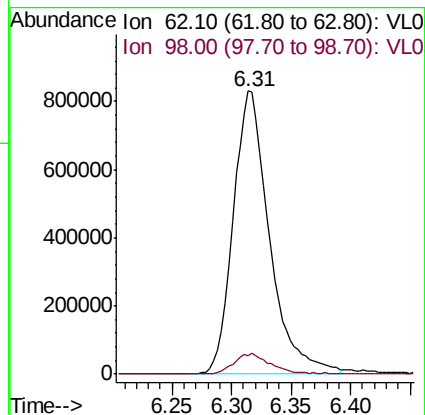
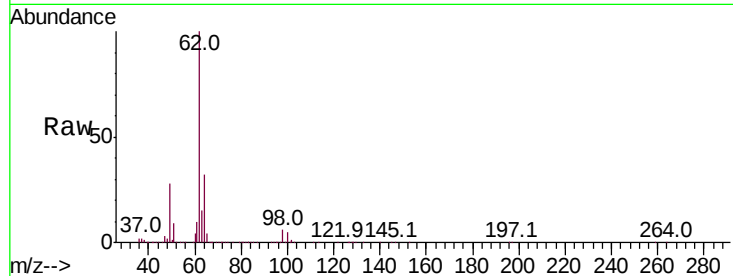
Acq: 28 Sep 2021 11:34

Tot Ion: 62 Resp: 1752802

Ion Ratio Lower Upper

62 100

98 7.5 6.1 9.1



#38

Trichloroethene

Concen: 9.363 ppbv

RT: 7.85 min Scan# 1574

Delta R.T. 0.03 min

Lab File: VL037699.D

Acq: 28 Sep 2021 11:34

Tgt Ion: 130 Resp: 1443258

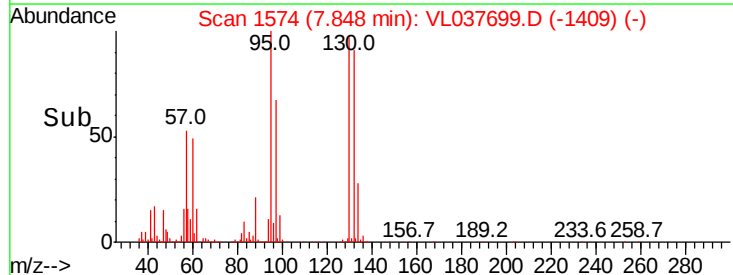
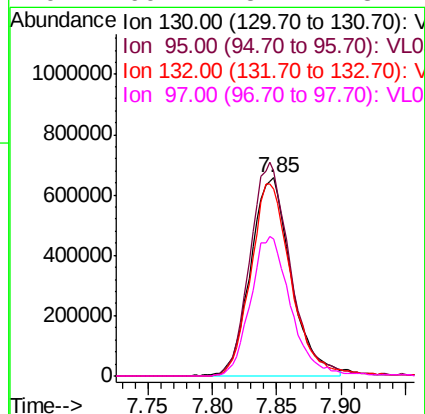
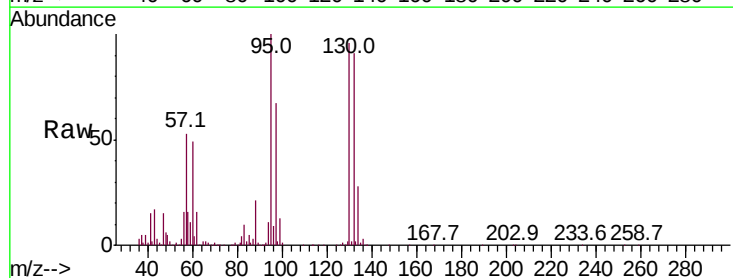
Ion Ratio Lower Upper

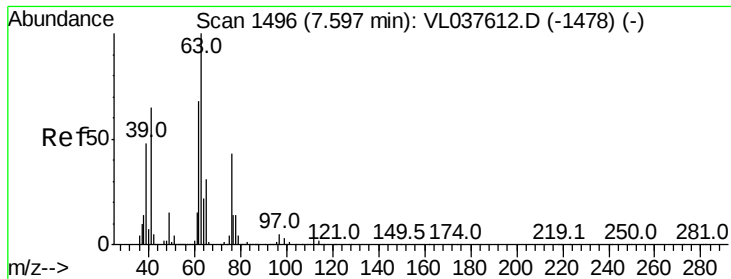
130 100

95 103.7 81.8 122.6

132 94.7 75.3 112.9

97 69.1 54.7 82.1





#39

1,2-Dichloropropane

Concen: 9.982 ppbv

RT: 7.62 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 28 Sep 2021 11:34

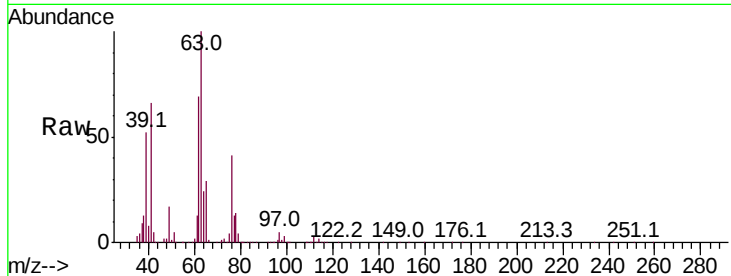
Tot Ion: 63 Resp: 1410863

Ion Ratio Lower Upper

63 100

41 66.3 51.6 77.4

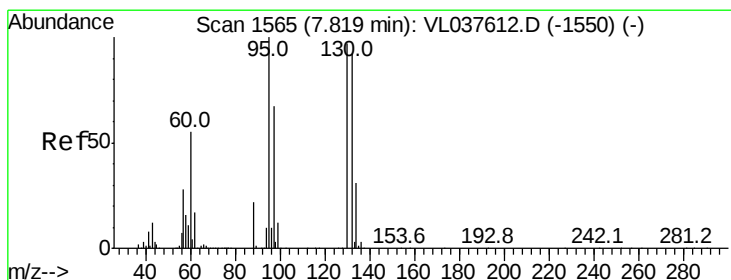
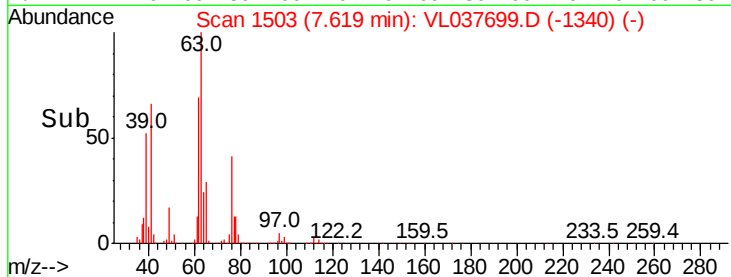
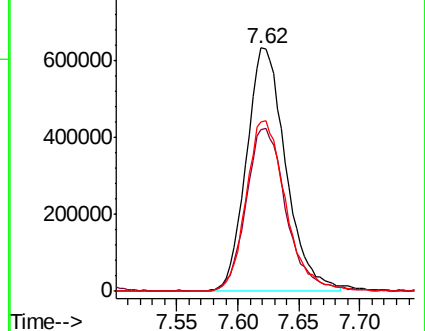
62 69.5 54.6 81.8



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#40

1,4-Dioxane

Concen: 6.762 ppbv

RT: 7.85 min Scan# 1574

Delta R.T. 0.03 min

Lab File: VL037699.D

Acq: 28 Sep 2021 11:34

Tgt Ion: 88 Resp: 232458

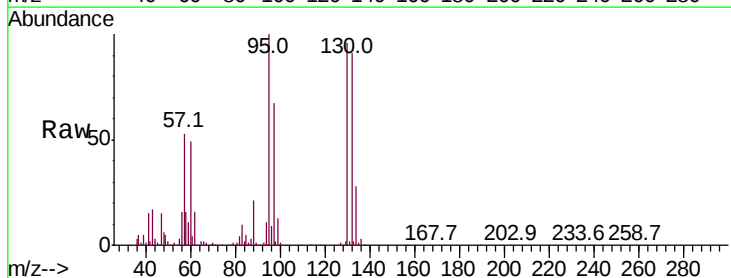
Ion Ratio Lower Upper

88 100

58 0.0 122.4 183.6#

43 0.0 297.4 446.0#

57 0.0 1329.8 1994.8#

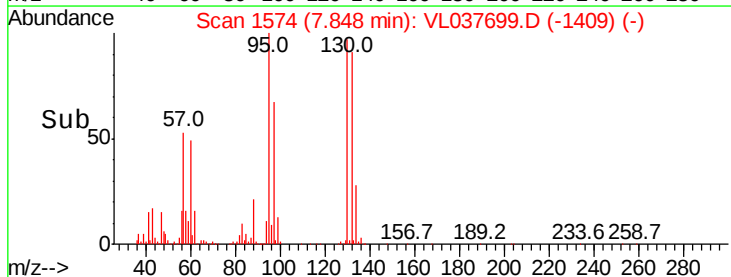
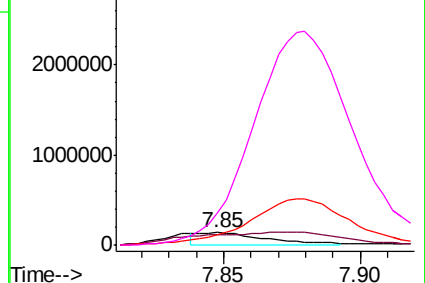


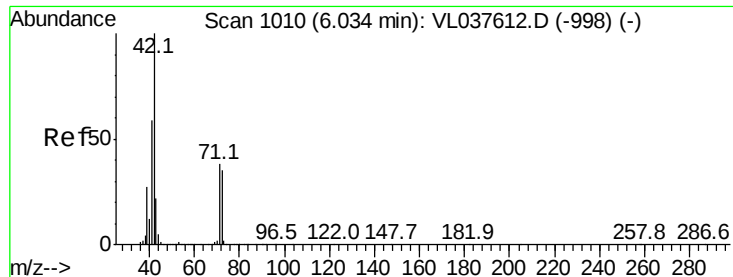
Abundance Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#41

Tetrahydrofuran

Concen: 10.341 ppbv

RT: 6.06 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 28 Sep 2021 11:34

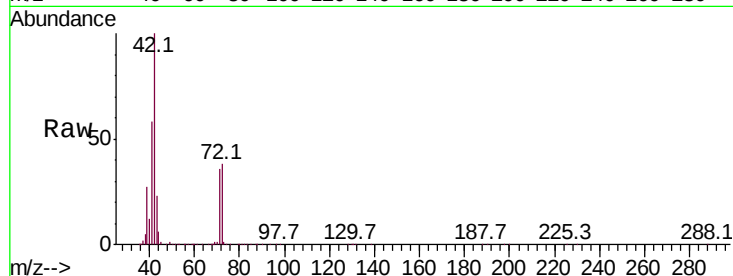
Tot Ion: 42 Resp: 874243

Ion Ratio Lower Upper

42 100

72 40.7 31.4 47.2

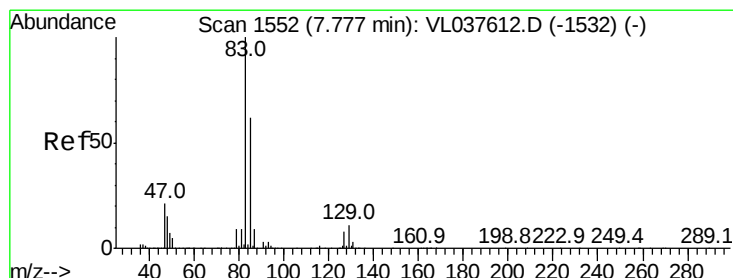
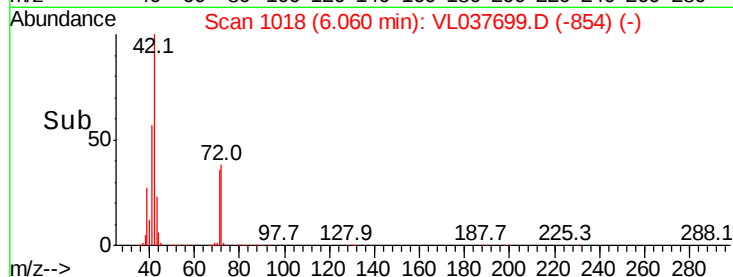
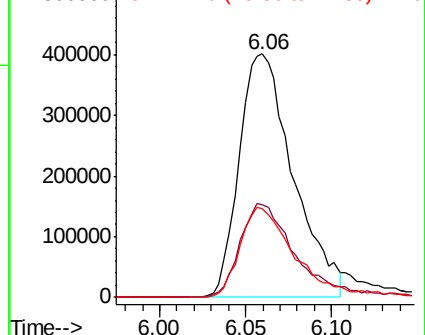
71 38.6 30.6 46.0



Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0



#42

Bromodichloromethane

Concen: 10.096 ppbv

RT: 7.80 min Scan# 1559

Delta R.T. 0.02 min

Lab File: VL037699.D

Acq: 28 Sep 2021 11:34

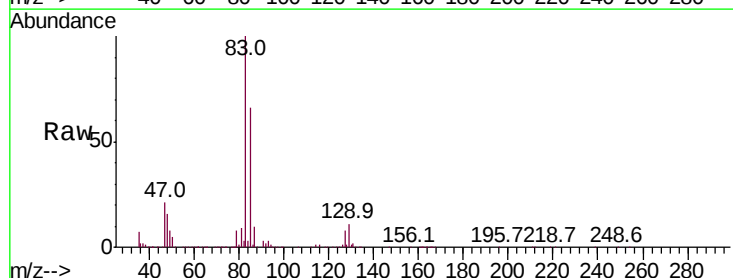
Tgt Ion: 83 Resp: 2626100

Ion Ratio Lower Upper

83 100

85 66.0 49.8 74.6

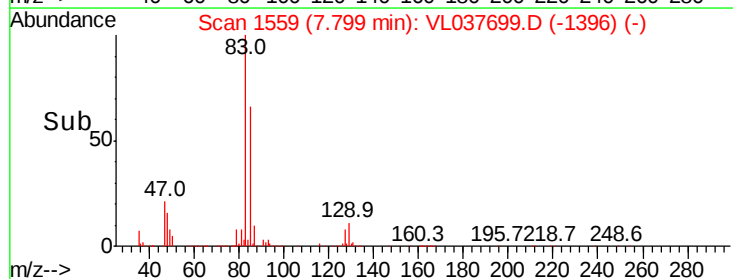
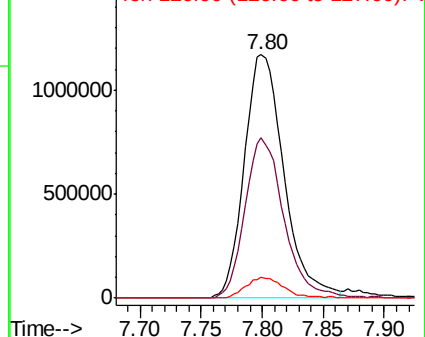
127 8.4 6.4 9.6

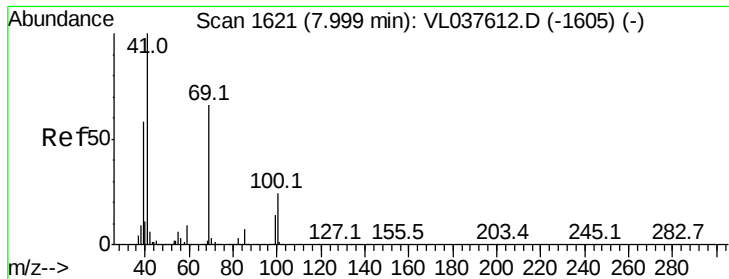


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): V

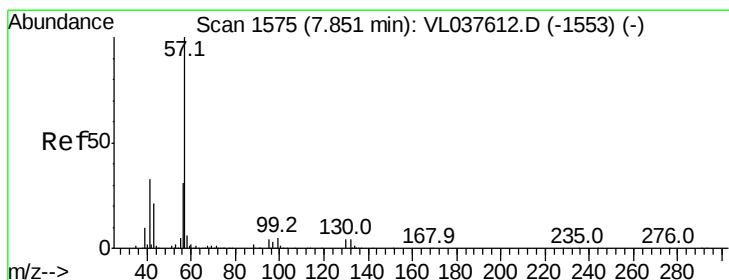
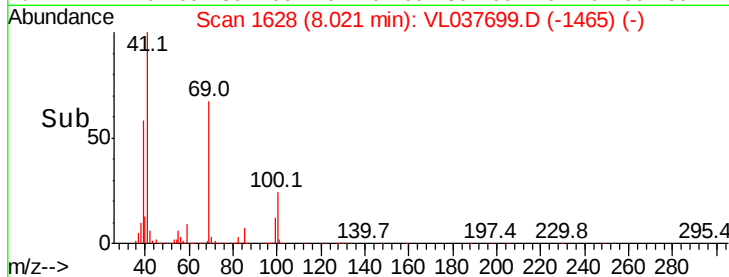
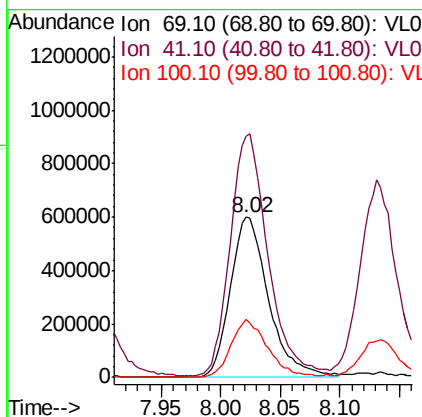
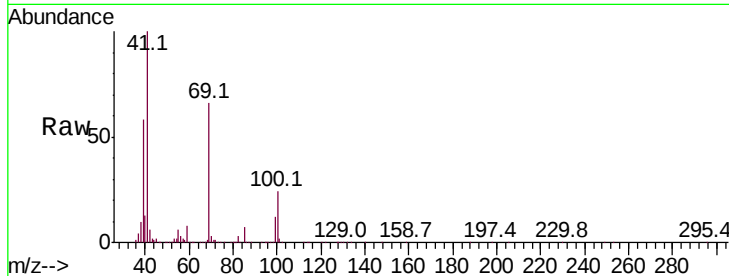




#43
Methyl Methacrylate
Concen: 10.853 ppbv
RT: 8.02
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 28 Sep 2021 11:34

Tot Ion: 69 Resp: 1332361

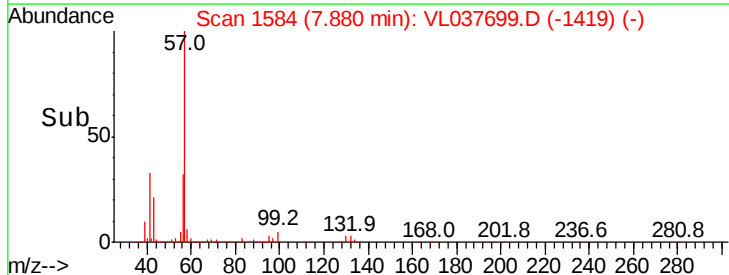
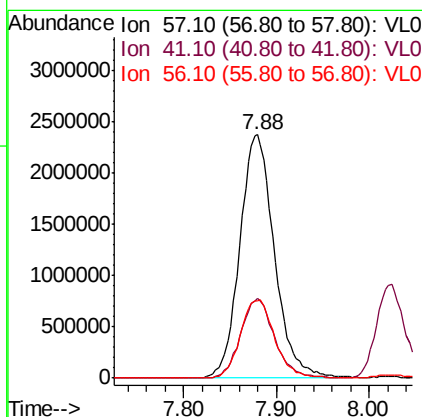
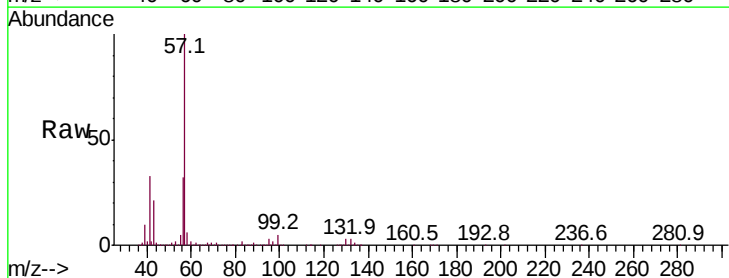
Ion	Ratio	Lower	Upper
69	100		
41	150.3	119.0	178.4
100	34.7	27.6	41.4

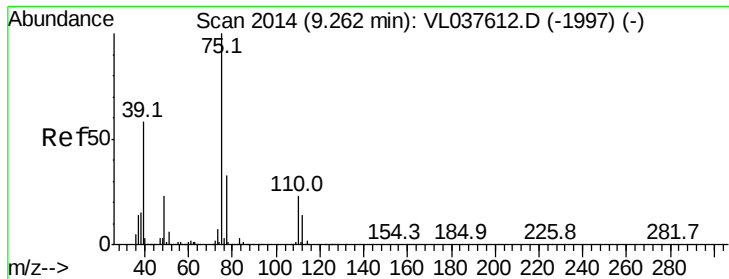


#44
2,2,4-Trimethylpentane
Concen: 9.889 ppbv
RT: 7.88 min Scan# 1584
Delta R.T.: 0.03 min
Lab File: VL037699.D
Acq: 28 Sep 2021 11:34

Tgt Ion: 57 Resp: 6134643

Ion	Ratio	Lower	Upper
57	100		
41	32.1	26.1	39.1
56	32.0	25.7	38.5





#45

t-1,3-Dichloropropene

Concen: 10.265 ppbv

RT: 9.29 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

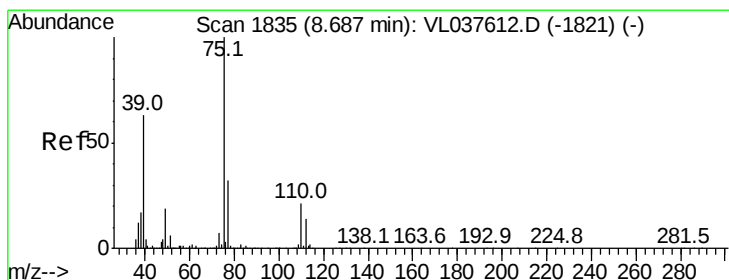
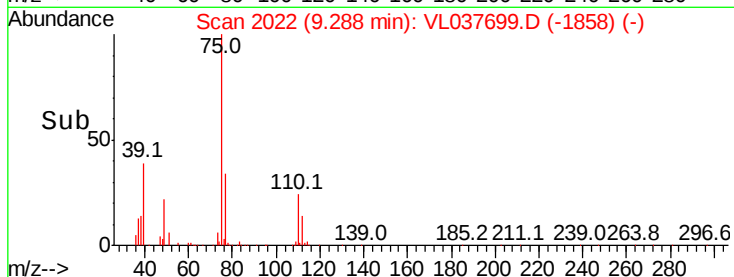
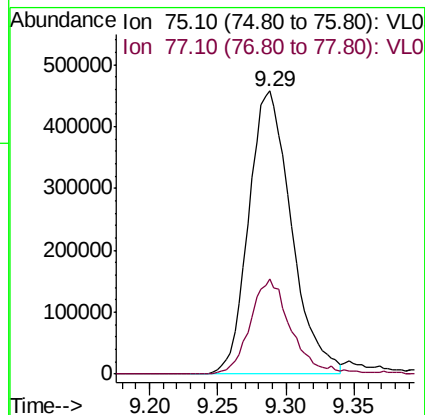
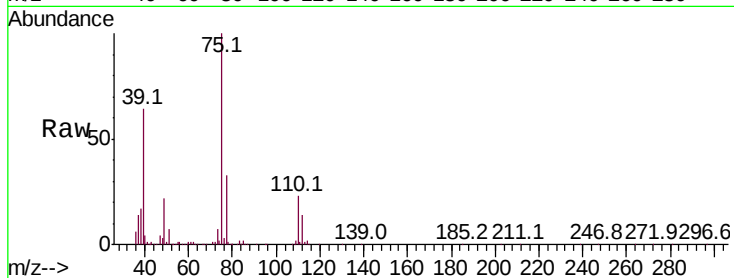
Acq: 28 Sep 2021 11:34

Tot Ion: 75 Resp: 989859

Ion Ratio Lower Upper

75 100

77 33.5 26.3 39.5



#46

cis-1,3-Dichloropropene

Concen: 10.328 ppbv

RT: 8.71 min Scan# 1842

Delta R.T. 0.02 min

Lab File: VL037699.D

Acq: 28 Sep 2021 11:34

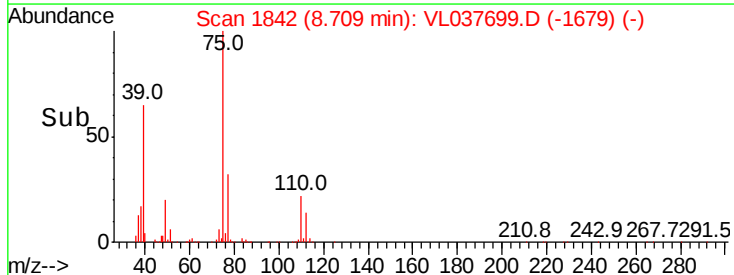
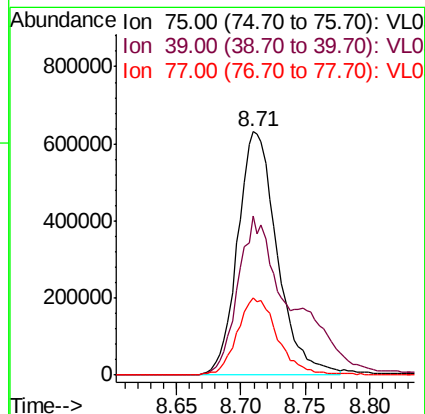
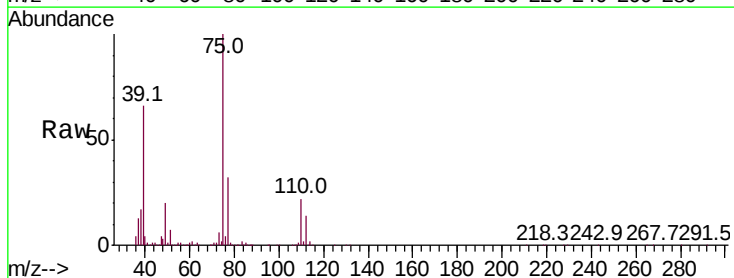
Tgt Ion: 75 Resp: 1345240

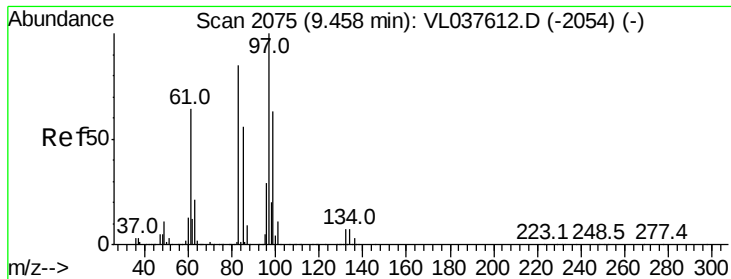
Ion Ratio Lower Upper

75 100

39 65.5 50.2 75.4

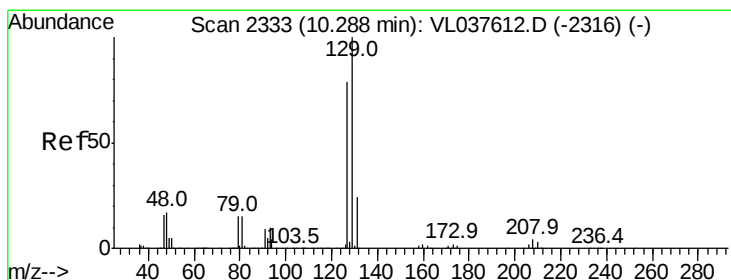
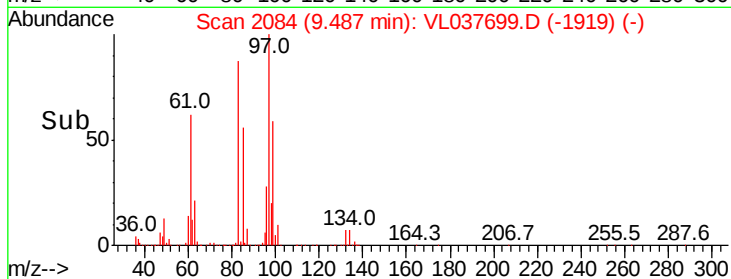
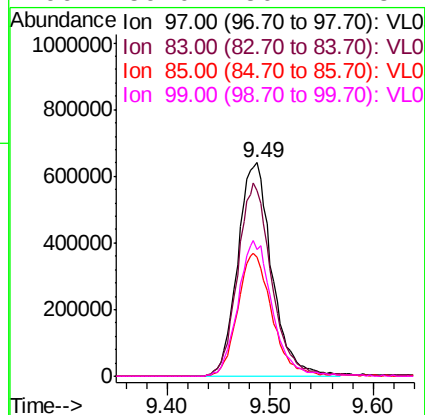
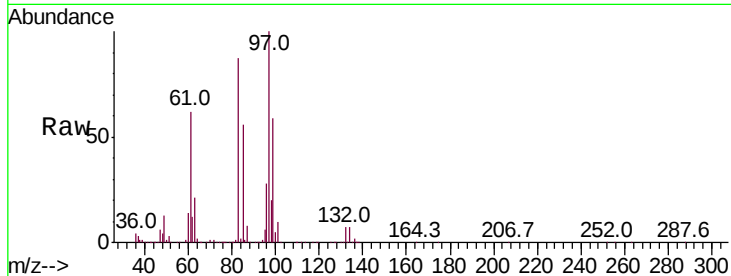
77 31.6 25.2 37.8





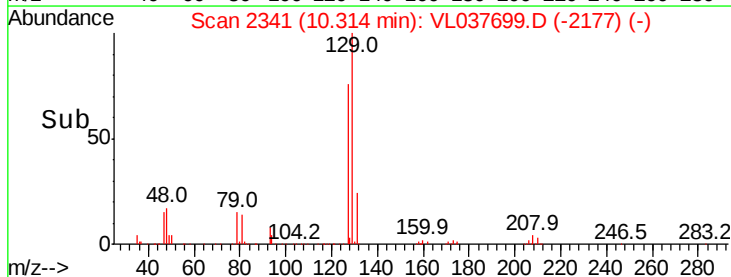
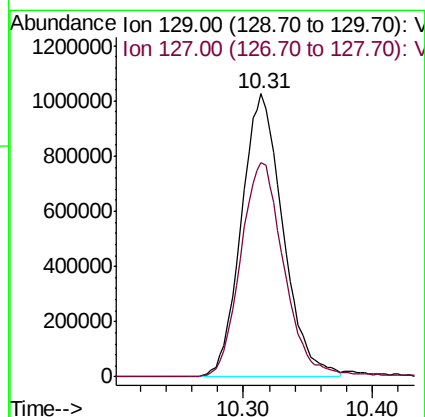
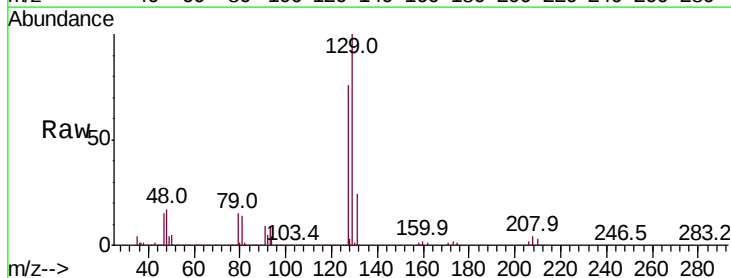
#47
 1,1,2-Trichloroethane
 Concen: 9.480 ppbv
 RT: 9.49 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 28 Sep 2021 11:34

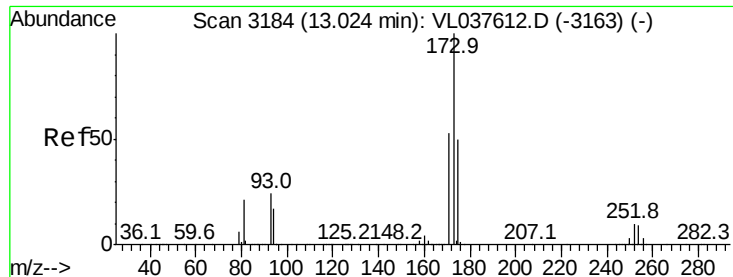
Tot Ion:	97	Resp:	1482152
Ion	Ratio	Lower	Upper
97	100		
83	86.8	67.9	101.9
85	55.9	44.8	67.2
99	59.0	50.1	75.1



#48
 Dibromochloromethane
 Concen: 10.555 ppbv
 RT: 10.31 min Scan# 2341
 Delta R.T.: 0.03 min
 Lab File: VL037699.D
 Acq: 28 Sep 2021 11:34

Tgt Ion:	129	Resp:	2302064
Ion	Ratio	Lower	Upper
129	100		
127	79.7	39.3	117.8





#49

Bromoform

Concen: 10.709 ppbv

RT: 13.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 28 Sep 2021 11:34

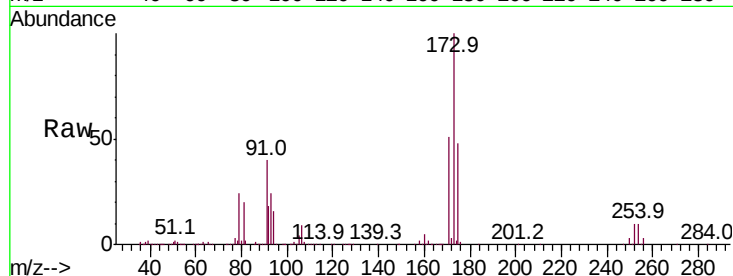
Tot Ion: 173 Resp: 1869372

Ion Ratio Lower Upper

173 100

175 52.6 39.8 59.8

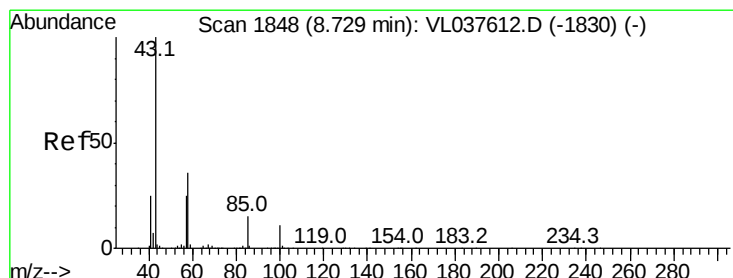
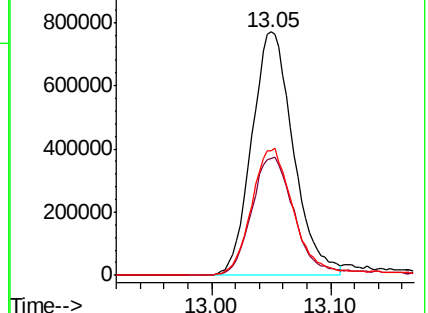
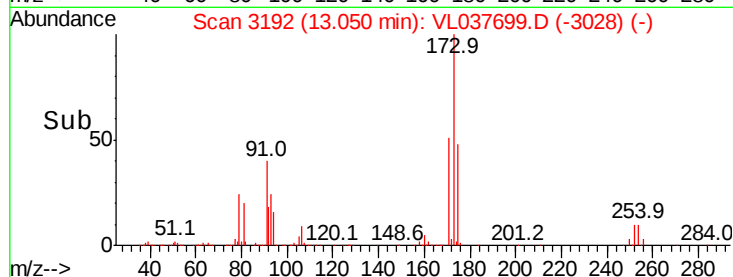
171 54.2 42.2 63.4



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: 10.876 ppbv

RT: 8.75 min Scan# 1855

Delta R.T. 0.02 min

Lab File: VL037699.D

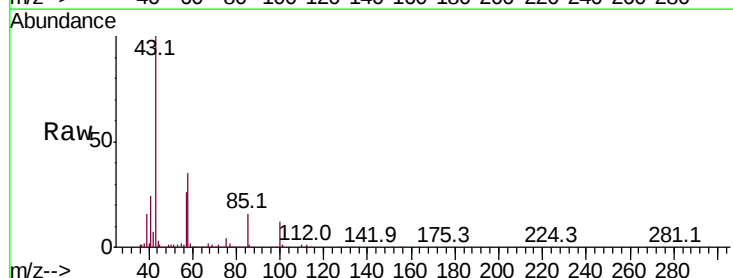
Acq: 28 Sep 2021 11:34

Tgt Ion: 43 Resp: 2482445

Ion Ratio Lower Upper

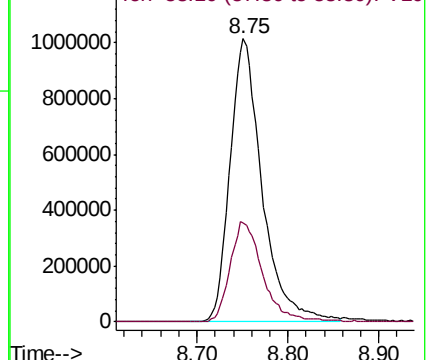
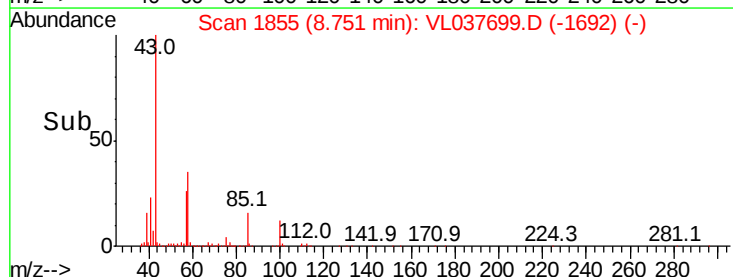
43 100

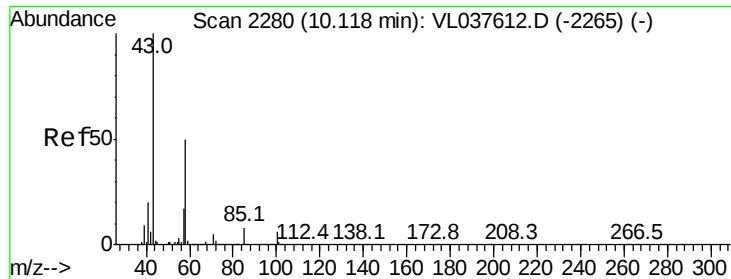
58 36.3 29.4 44.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

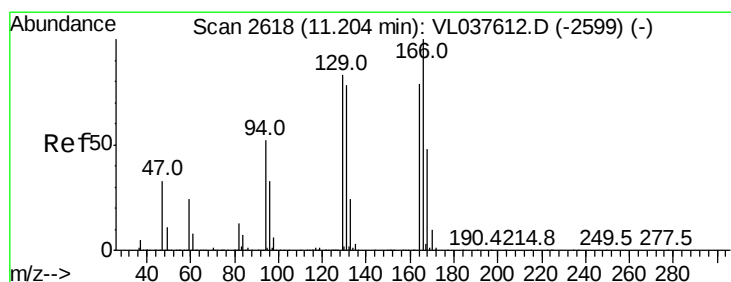
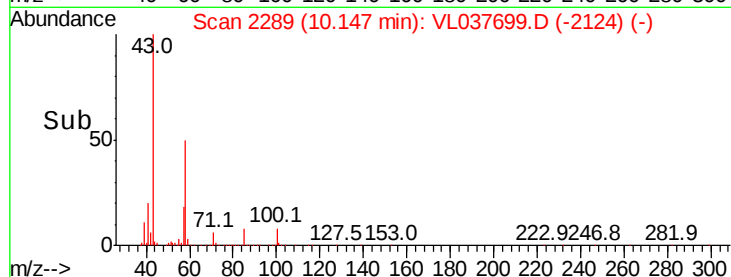
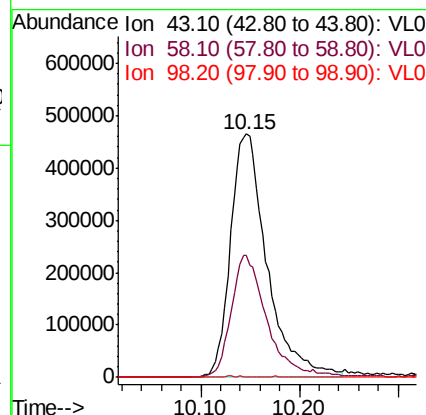
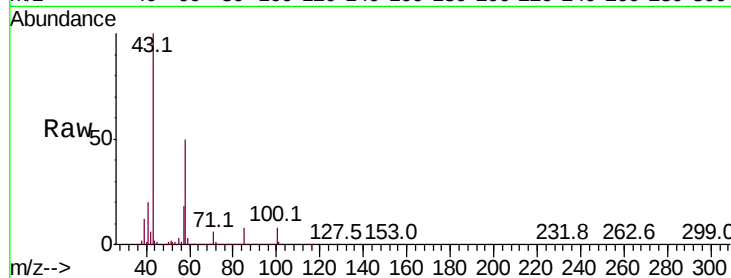




#51
 2-Hexanone
 Concen: 11.876 ppbv
 RT: 10.15 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 28 Sep 2021 11:34

Tot Ion: 43 Resp: 1195962

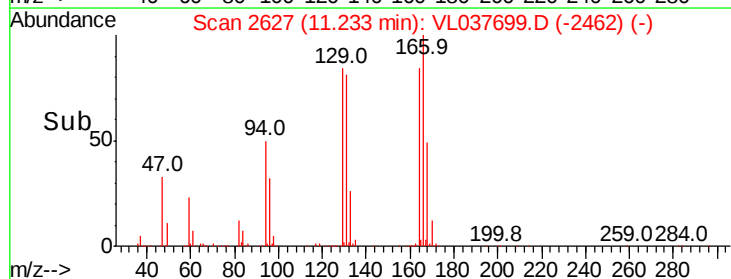
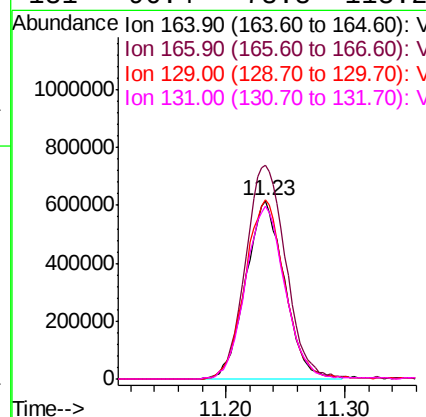
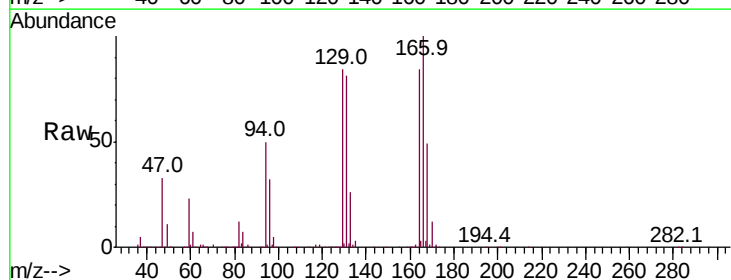
Ion	Ratio	Lower	Upper
43	100		
58	49.7	39.3	58.9
98	0.4	0.4	0.6

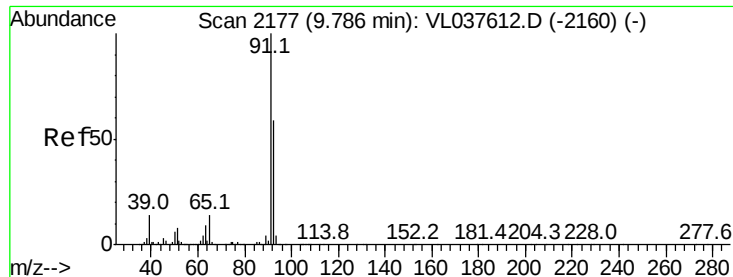


#52
 Tetrachloroethene
 Concen: 9.763 ppbv
 RT: 11.23 min Scan# 2627
 Delta R.T. 0.03 min
 Lab File: VL037699.D
 Acq: 28 Sep 2021 11:34

Tgt Ion: 164 Resp: 1383092

Ion	Ratio	Lower	Upper
164	100		
166	119.7	101.2	151.8
129	100.7	84.0	126.0
131	96.4	78.8	118.2





#53

Toluene

Concen: 10.463 ppbv

RT: 9.82 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

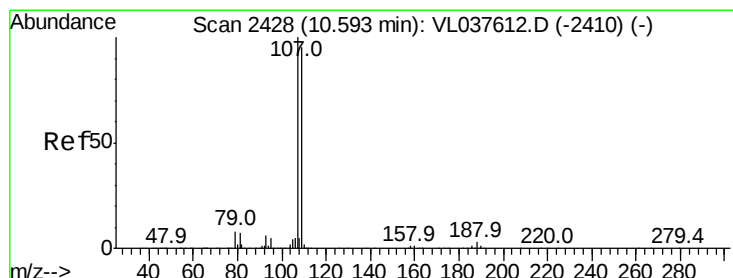
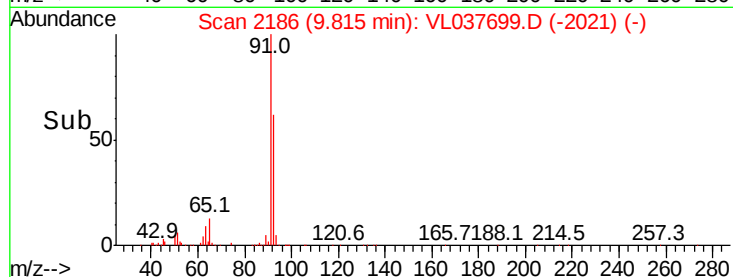
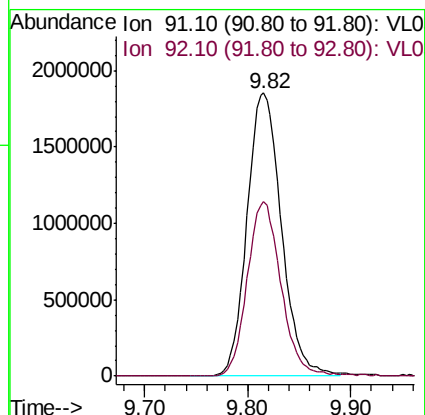
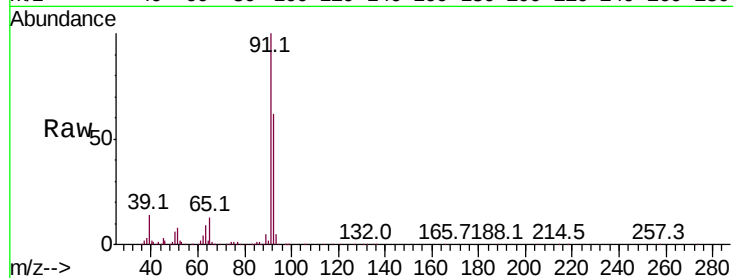
Acq: 28 Sep 2021 11:34

Tot Ion: 91 Resp: 4291578

Ion Ratio Lower Upper

91 100

92 61.1 48.9 73.3



#54

1,2-Dibromoethane

Concen: 9.710 ppbv

RT: 10.62 min Scan# 2437

Delta R.T. 0.03 min

Lab File: VL037699.D

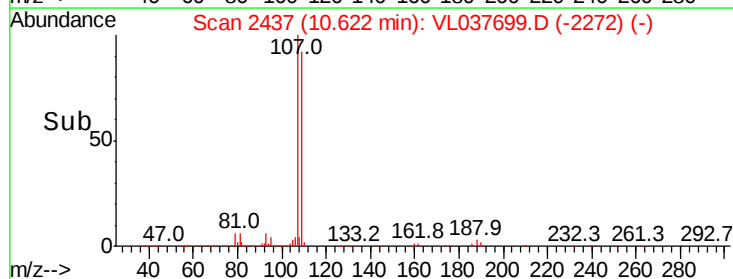
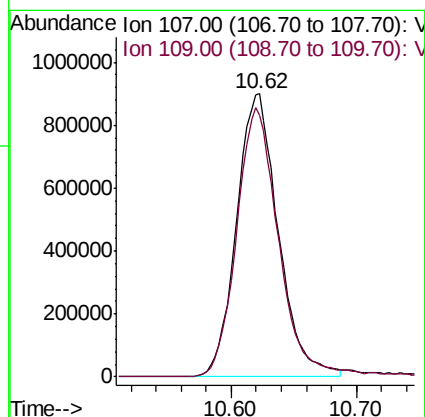
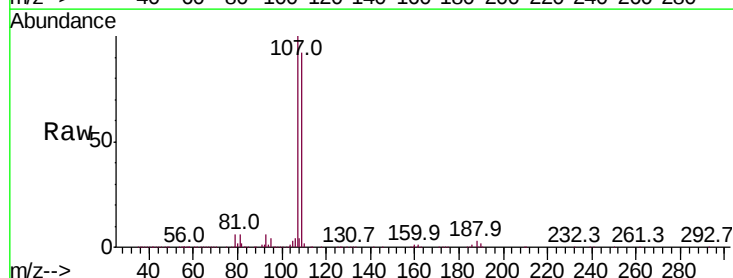
Acq: 28 Sep 2021 11:34

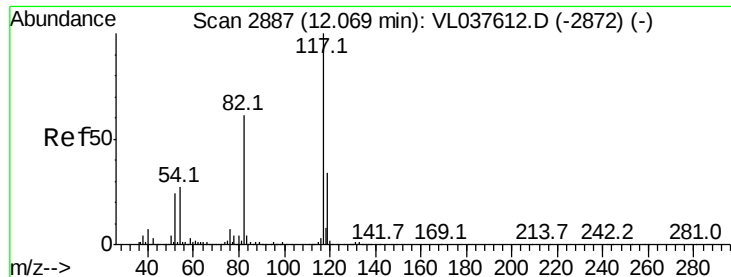
Tgt Ion: 107 Resp: 2078637

Ion Ratio Lower Upper

107 100

109 92.2 76.0 114.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 28 Sep 2021 11:34

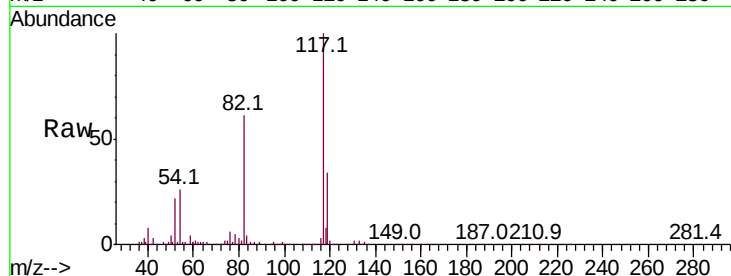
Tot Ion:117 Resp: 4930647

Ion Ratio Lower Upper

117 100

82 52.2 50.6 75.8

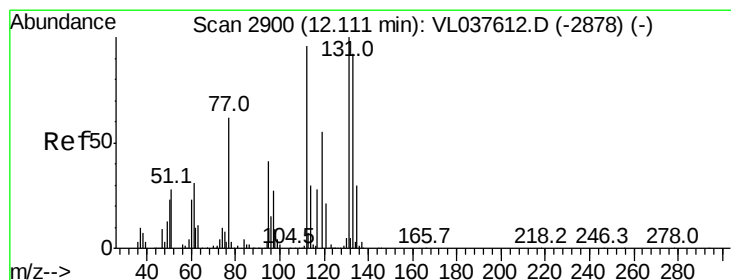
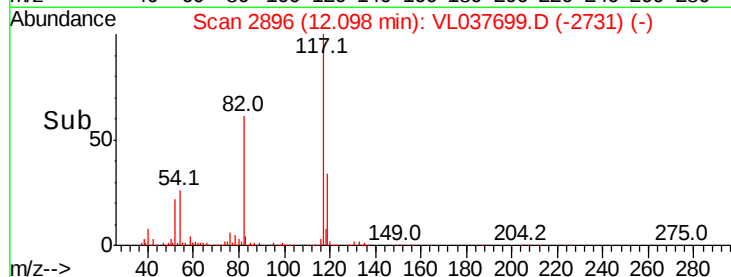
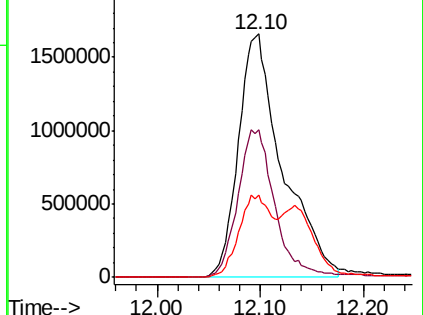
119 27.8 26.2 39.2



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#56

1,1,1,2-Tetrachloroethane

Concen: 7.714 ppbv

RT: 12.14 min Scan# 2908

Delta R.T. 0.03 min

Lab File: VL037699.D

Acq: 28 Sep 2021 11:34

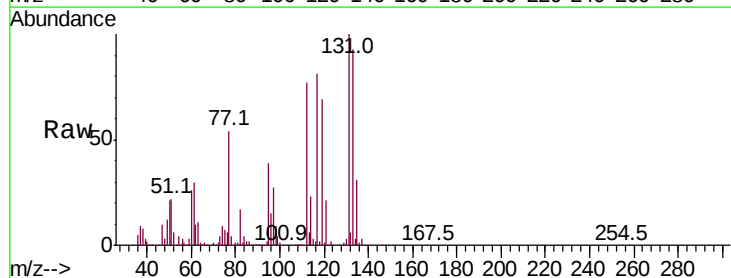
Tgt Ion:131 Resp: 1577623

Ion Ratio Lower Upper

131 100

133 97.7 76.8 115.2

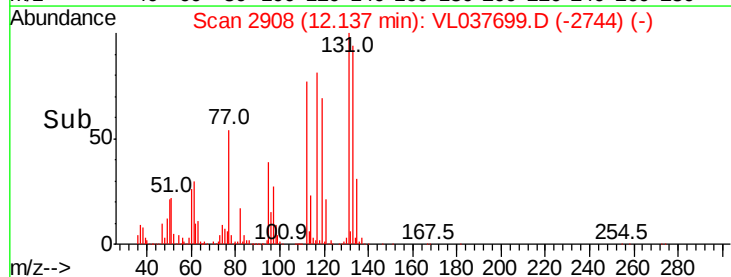
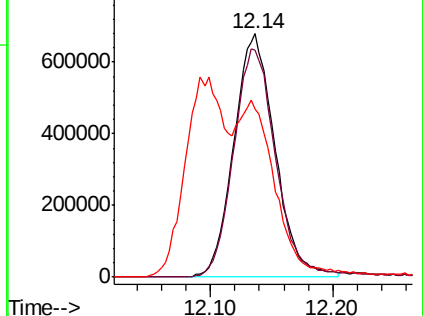
119 64.9 47.8 71.8

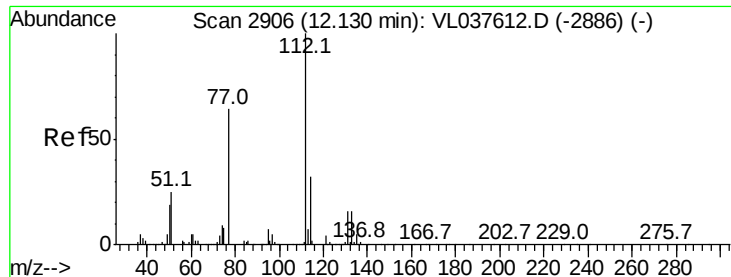


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#57

Chlorobenzene

Concen: 7.456 ppbv

RT: 12.16

Delta R.T. MSVOA_L

Lab File:

Acq: 28 Sep 2021 11:34

Instrument :

MSVOA_L

ClientSampleId :

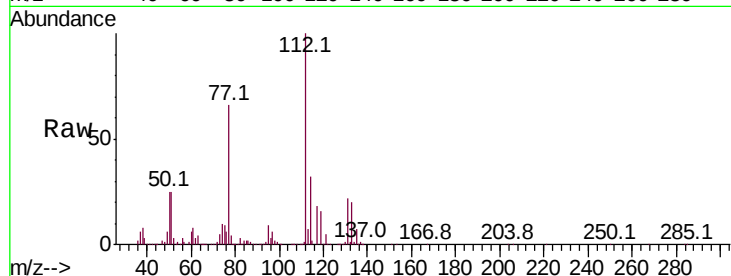
Tot Ion:112 Resp: 3056315

Ion Ratio Lower Upper

112 100

77 65.2 52.1 78.1

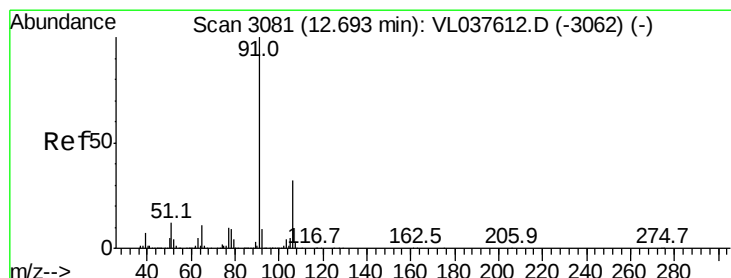
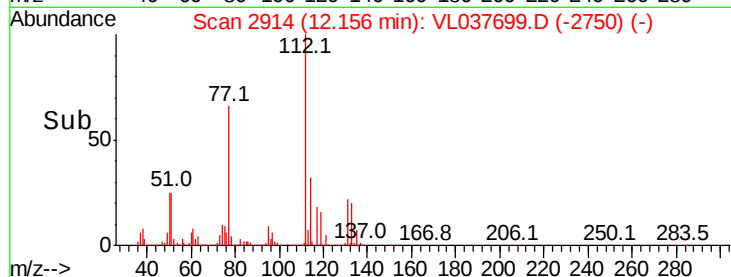
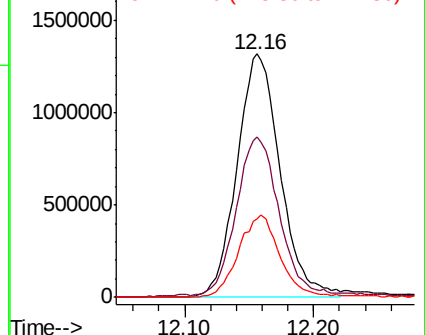
114 31.9 29.2 35.6



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: 8.318 ppbv

RT: 12.72 min Scan# 3089

Delta R.T. 0.03 min

Lab File: VL037699.D

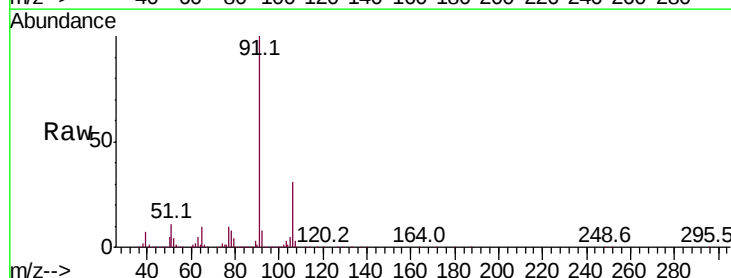
Acq: 28 Sep 2021 11:34

Tgt Ion: 91 Resp: 5444123

Ion Ratio Lower Upper

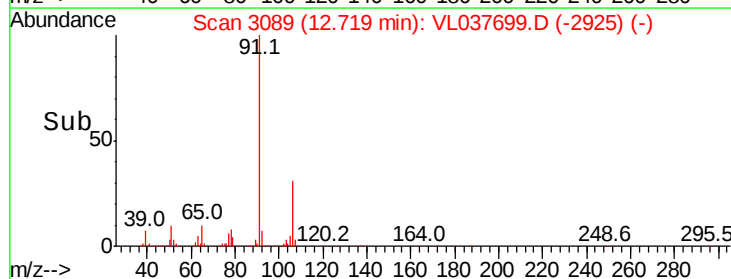
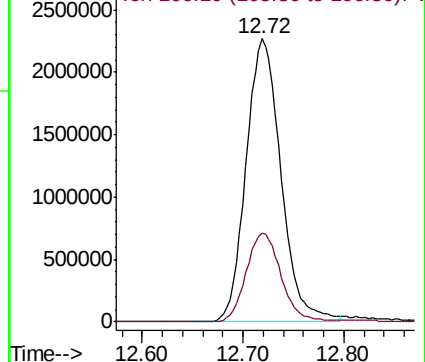
91 100

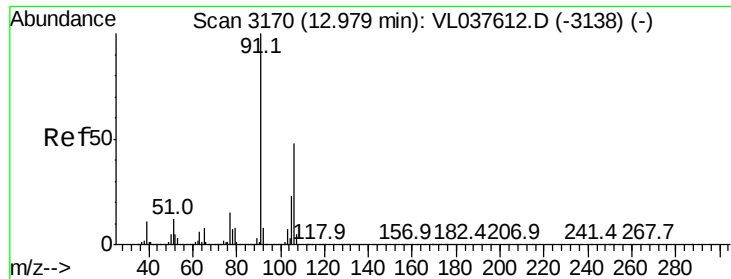
106 31.2 25.3 37.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

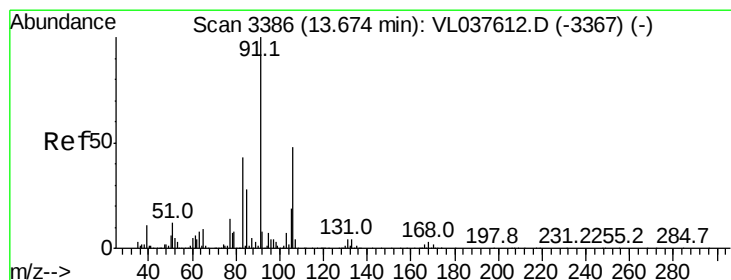
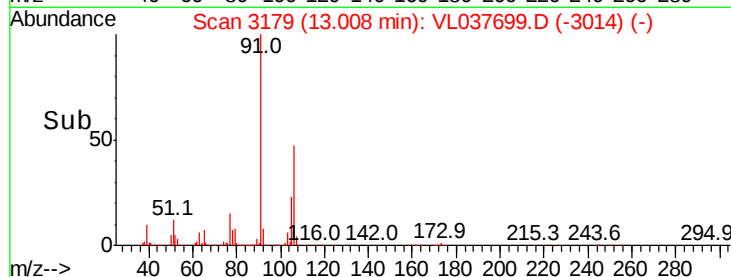
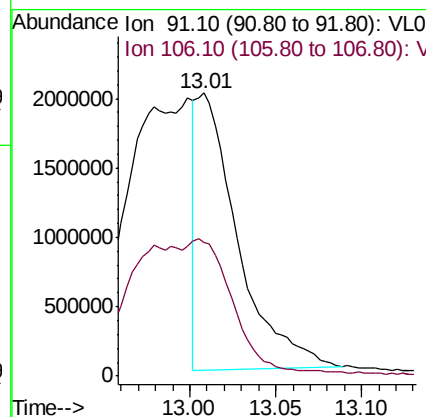
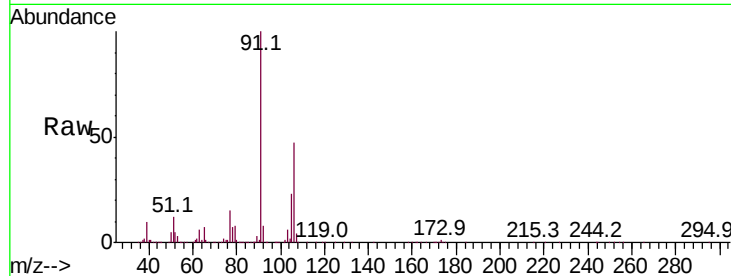
Ion 106.10 (105.80 to 106.80): V





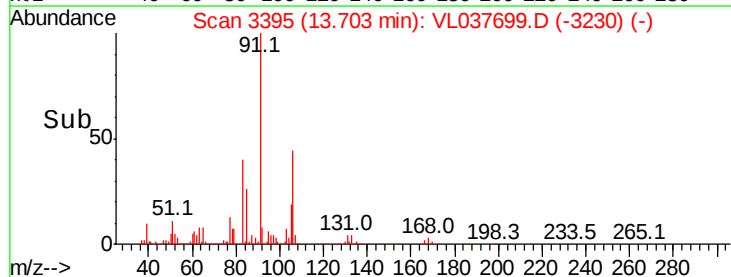
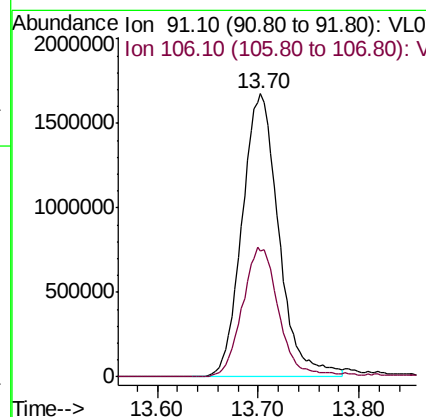
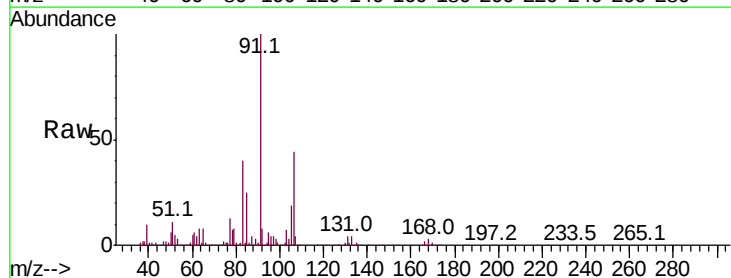
#59
m/p-Xylene
Concen: 5.758 ppbv
RT: 13.01 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 28 Sep 2021 11:34

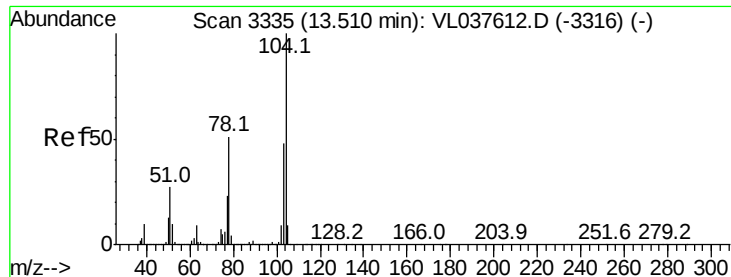
Tot Ion: 91 Resp: 3283997
Ion Ratio Lower Upper
91 100
106 126.9 36.6 55.0#



#60
o-Xylene
Concen: 7.787 ppbv
RT: 13.70 min Scan# 3395
Delta R.T. 0.03 min
Lab File: VL037699.D
Acq: 28 Sep 2021 11:34

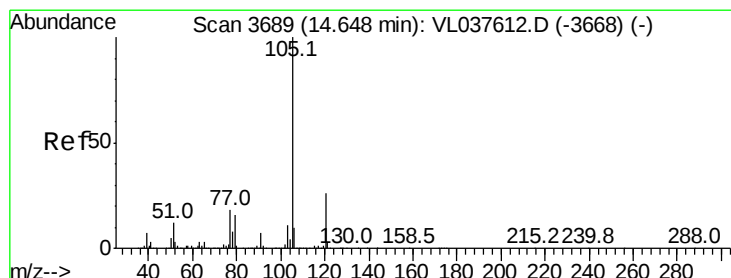
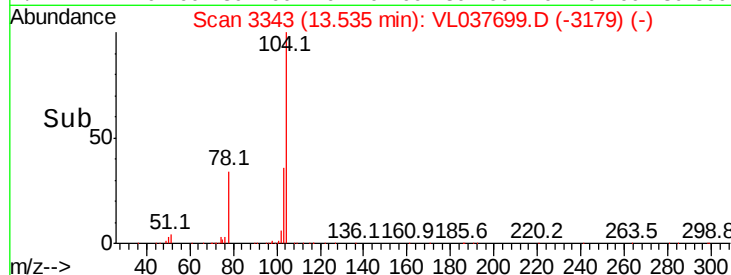
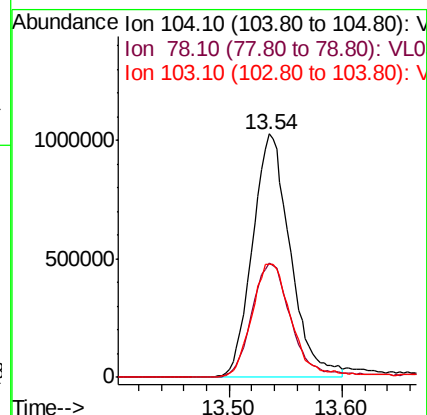
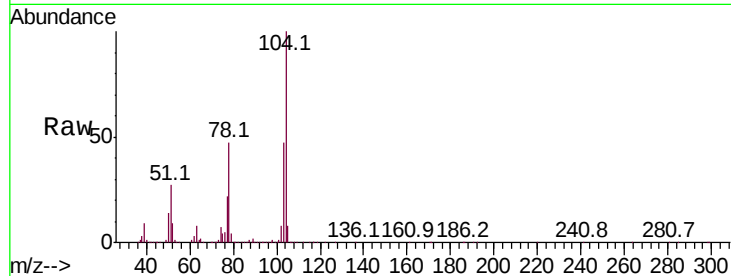
Tgt Ion: 91 Resp: 4227281
Ion Ratio Lower Upper
91 100
106 46.7 23.0 69.0





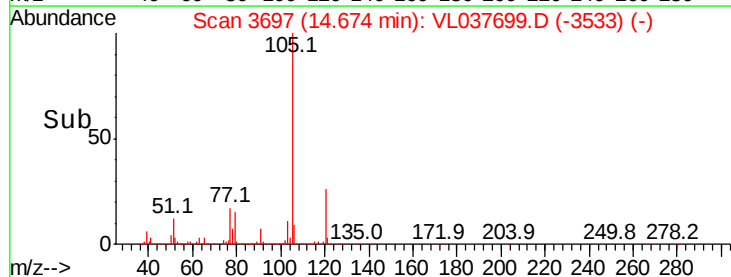
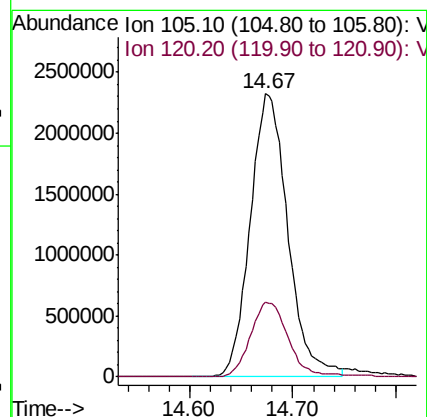
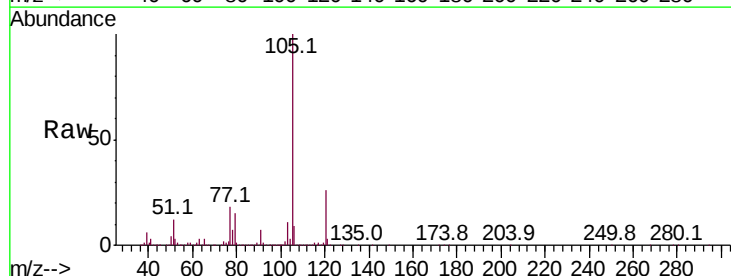
#61
Stvrene
Concen: 8.901 ppbv
RT: 13.54 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 28 Sep 2021 11:34

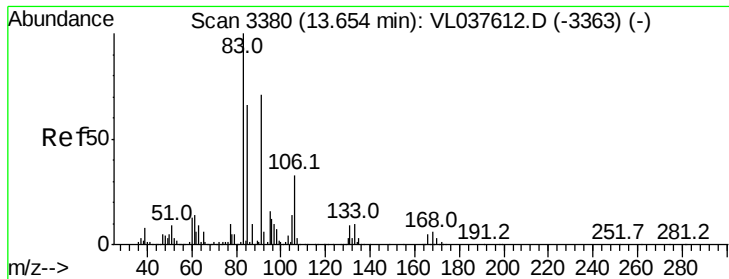
Tot Ion:104 Resp: 2382901
Ion Ratio Lower Upper
104 100
78 49.6 39.7 59.5
103 50.1 38.8 58.2



#62
Isopropylbenzene
Concen: 7.751 ppbv
RT: 14.67 min Scan# 3697
Delta R.T. 0.03 min
Lab File: VL037699.D
Acq: 28 Sep 2021 11:34

Tgt Ion:105 Resp: 5878360
Ion Ratio Lower Upper
105 100
120 27.2 21.4 32.0





#63

1,1,2,2-Tetrachloroethane

Concen: 7.068 ppbv

RT: 13.68

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 28 Sep 2021 11:34

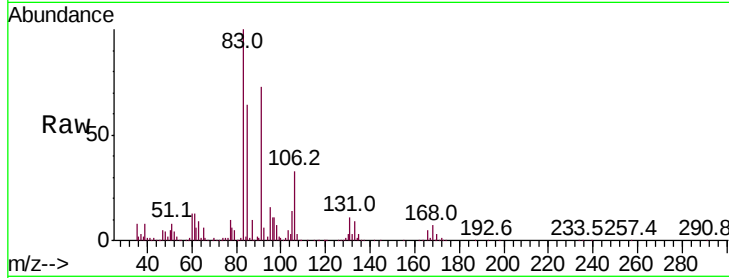
Tot Ion: 83 Resp: 3002852

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

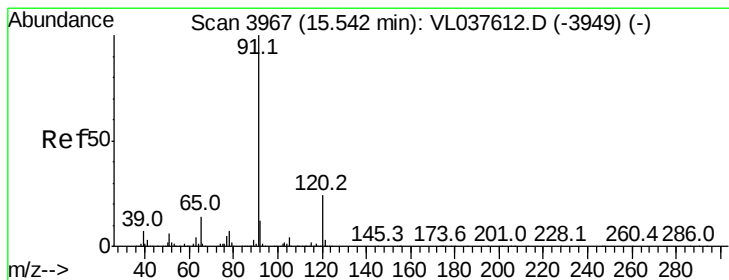
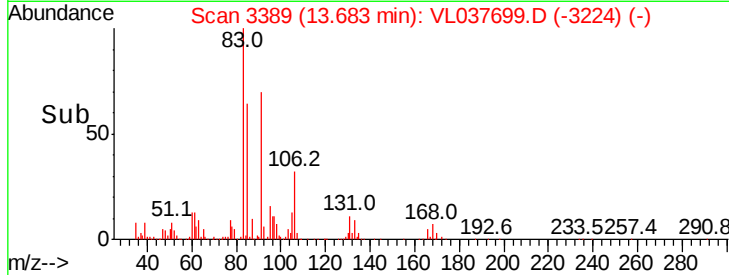
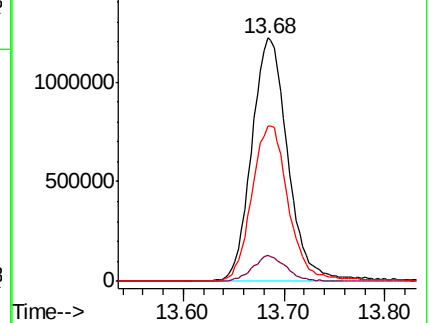
85 66.0 33.3 99.9



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 8.059 ppbv

RT: 15.57 min Scan# 3977

Delta R.T. 0.03 min

Lab File: VL037699.D

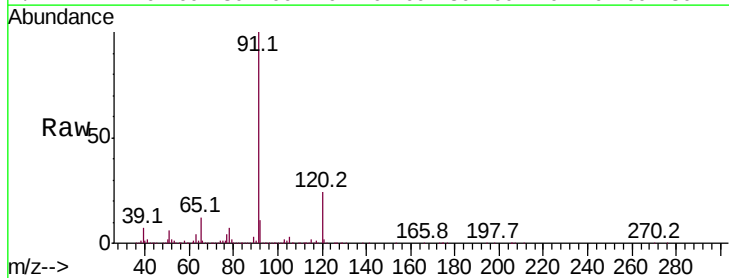
Acq: 28 Sep 2021 11:34

Tgt Ion:120 Resp: 1577114

Ion Ratio Lower Upper

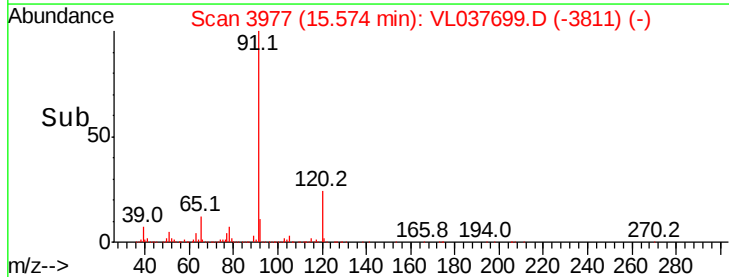
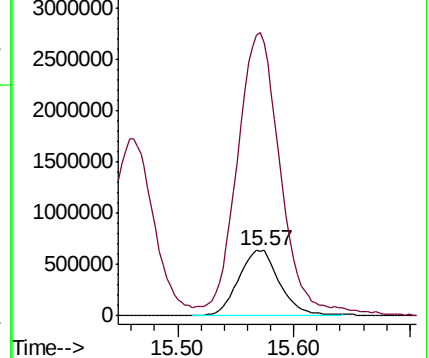
120 100

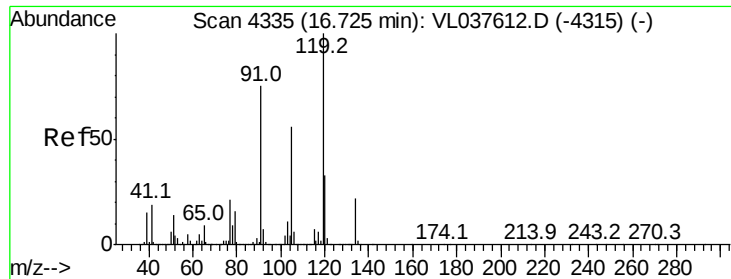
91 458.1 345.0 517.4



Abundance Ion 120.20 (119.90 to 120.90): V

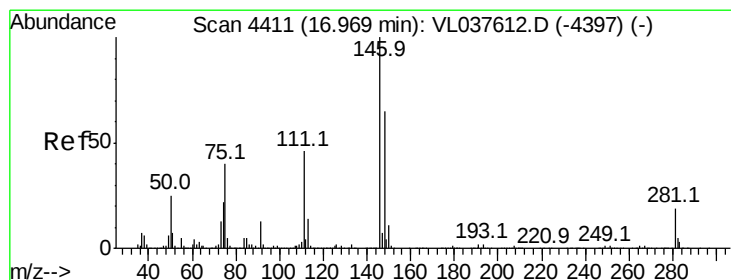
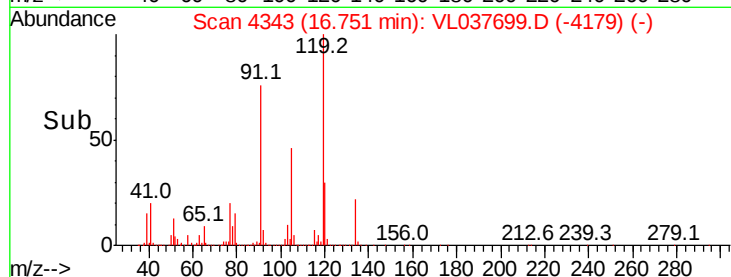
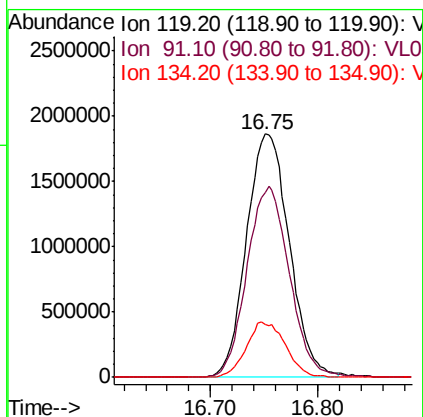
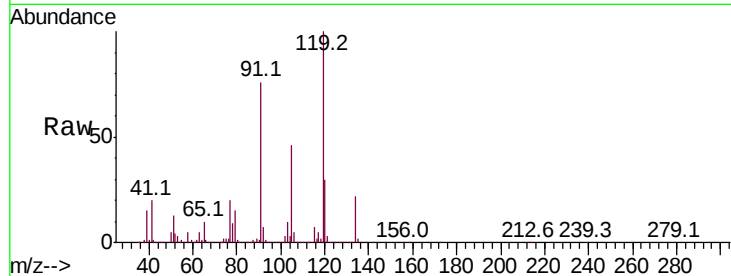
Ion 91.10 (90.80 to 91.80): VL0





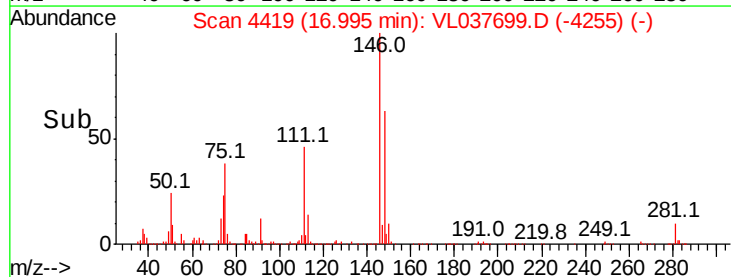
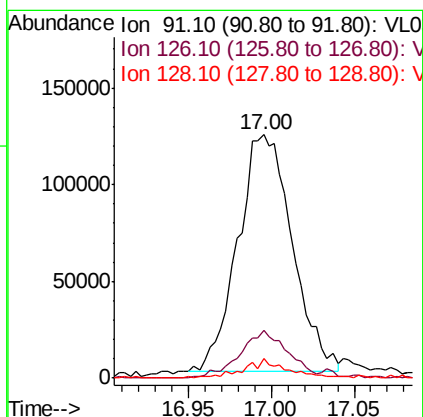
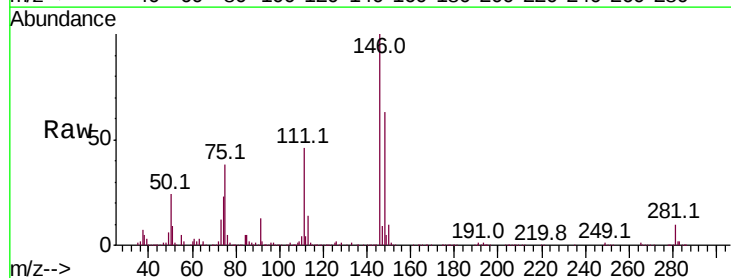
#65
 tert-Butylbenzene
 Concen: 7.527 ppbv
 RT: 16.75 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 28 Sep 2021 11:34

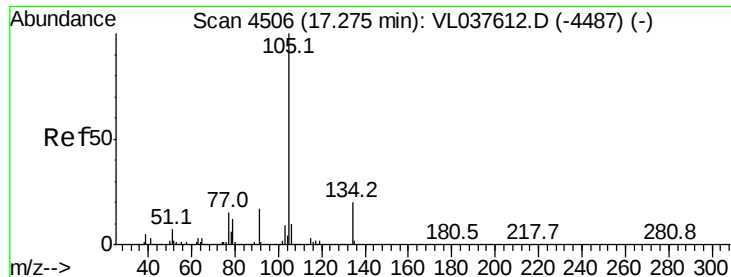
Tot Ion: 119 Resp: 5146671
 Ion Ratio Lower Upper
 119 100
 91 77.9 61.9 92.9
 134 21.0 16.5 24.7



#66
 Benzyl Chloride
 Concen: 7.509 ppbv
 RT: 17.00 min Scan# 4419
 Delta R.T. 0.03 min
 Lab File: VL037699.D
 Acq: 28 Sep 2021 11:34

Tgt Ion: 91 Resp: 280584
 Ion Ratio Lower Upper
 91 100
 126 19.0 14.4 21.6
 128 6.4 5.7 8.5





#67

sec-Butylbenzene

Concen: 7.701 ppbv

RT: 17.30

Delta R.T. MSVOA_L

Lab File:

ClientSampleId:

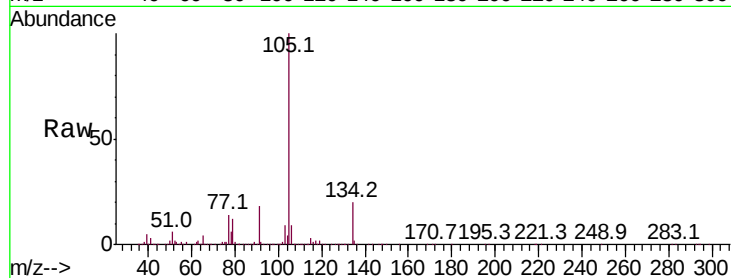
Acq: 28 Sep 2021 11:34

Tot Ion:105 Resp: 7144101

Ion Ratio Lower Upper

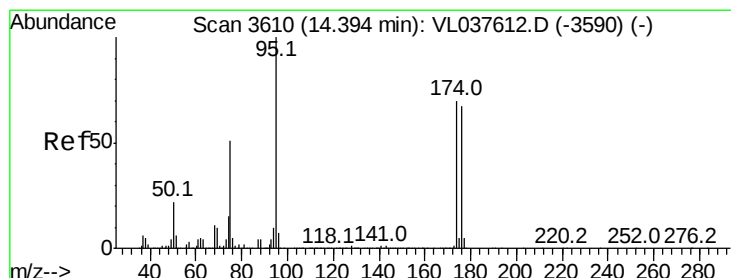
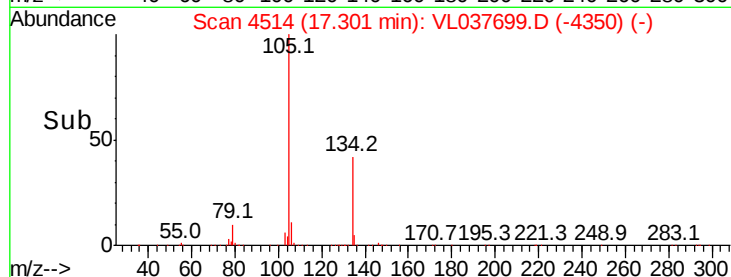
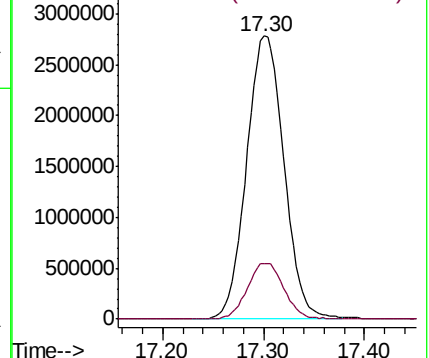
105 100

134 19.6 15.7 23.5



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: 8.412 ppbv

RT: 14.43 min Scan# 3620

Delta R.T. 0.03 min

Lab File: VL037699.D

Acq: 28 Sep 2021 11:34

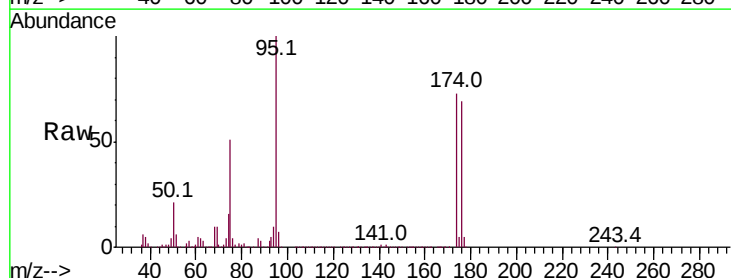
Tgt Ion: 95 Resp: 2997495

Ion Ratio Lower Upper

95 100

174 73.1 56.3 84.5

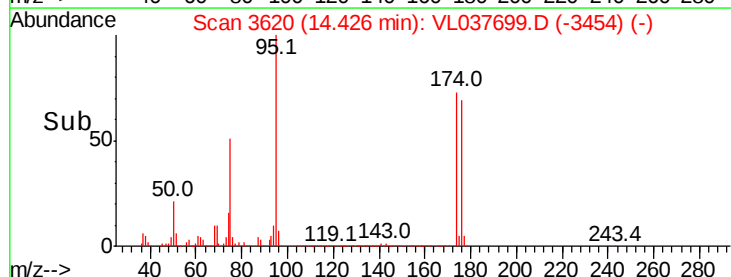
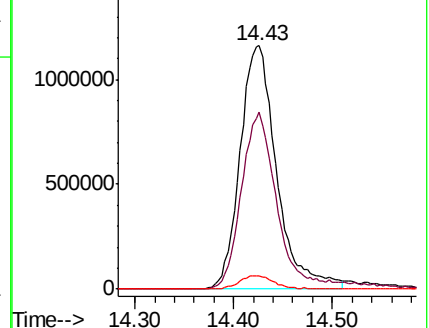
175 5.4 4.4 6.6

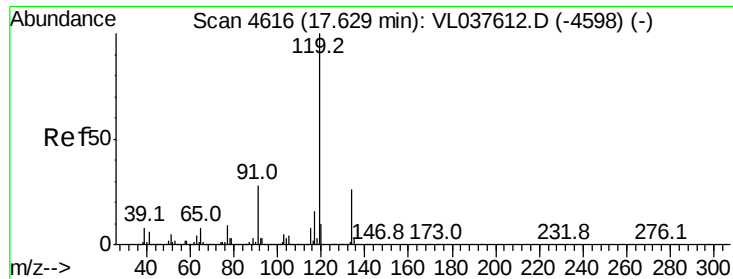


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

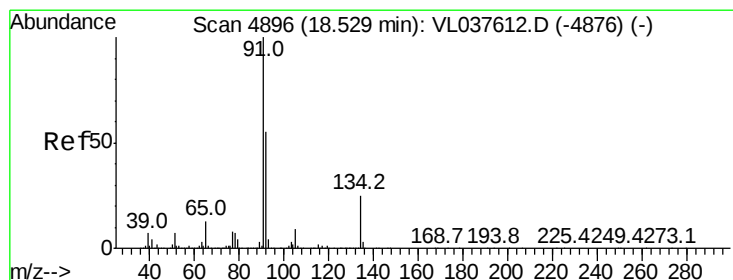
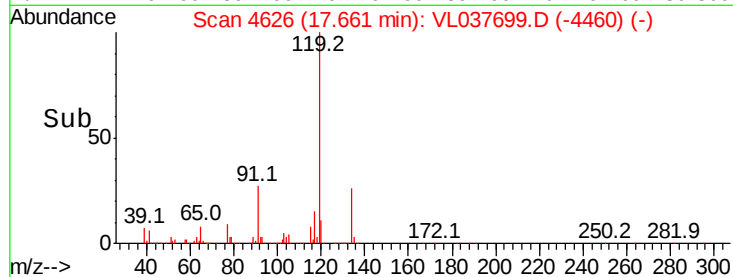
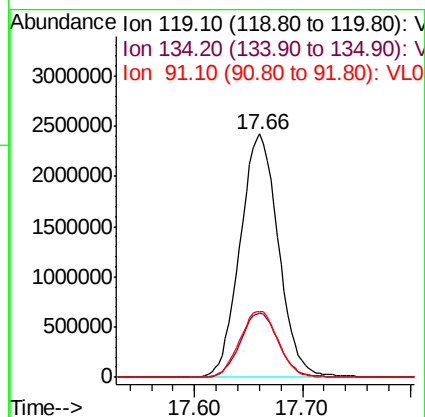
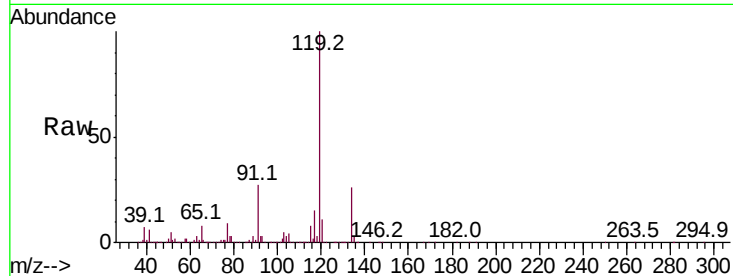
Ion 175.00 (174.70 to 175.70): V





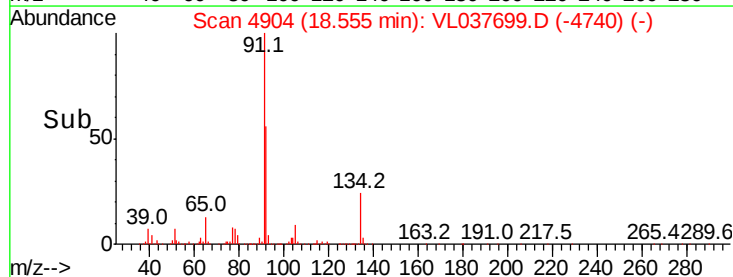
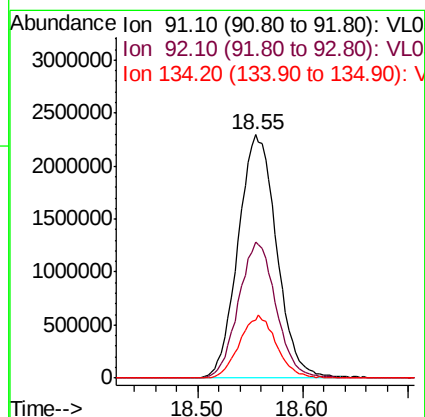
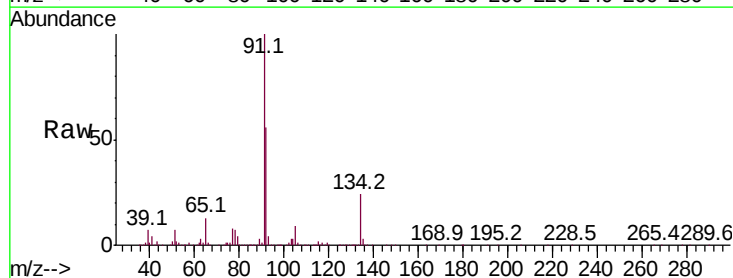
#69
 p-Isopropyltoluene
 Concen: 7.879 ppbv
 RT: 17.66 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 28 Sep 2021 11:34

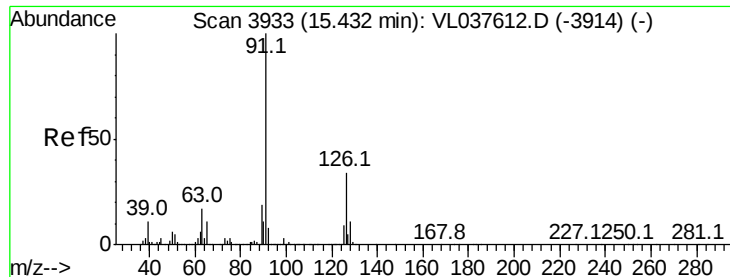
Tot Ion:	119	Resp:	5971795
Ion	Ratio	Lower	Upper
119	100		
134	26.6	21.2	31.8
91	27.5	22.2	33.2



#70
 n-Butylbenzene
 Concen: 8.091 ppbv
 RT: 18.55 min Scan# 4904
 Delta R.T. 0.03 min
 Lab File: VL037699.D
 Acq: 28 Sep 2021 11:34

Tgt Ion:	91	Resp:	5802535
Ion	Ratio	Lower	Upper
91	100		
92	54.9	44.0	66.0
134	24.9	19.5	29.3





#71

2-Chlorotoluene

Concen: 7.913 ppbv

RT: 15.46

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

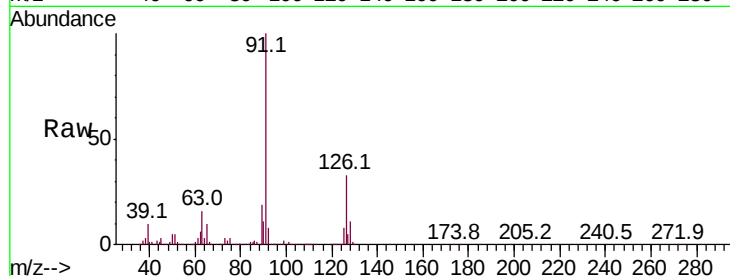
Acq: 28 Sep 2021 11:34

Tot Ion: 91 Resp: 4300694

Ion Ratio Lower Upper

91 100

126 33.8 13.2 52.8



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

3000000

2500000

2000000

1500000

1000000

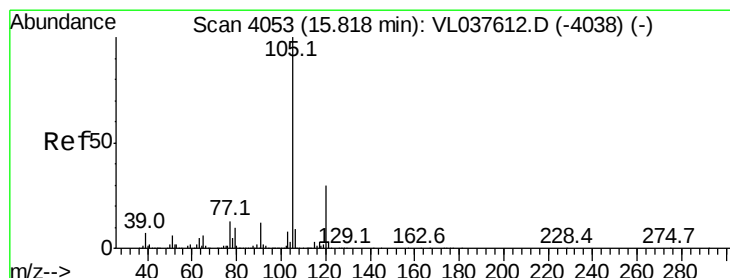
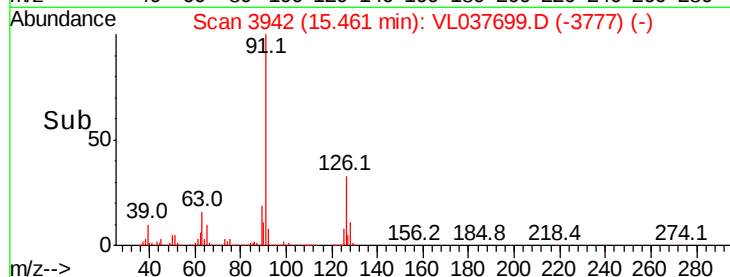
500000

0

15.40

15.50

Time-->



#72

4-Ethyltoluene

Concen: 8.059 ppbv

RT: 15.85 min Scan# 4062

Delta R.T. 0.03 min

Lab File: VL037699.D

Acq: 28 Sep 2021 11:34

Tgt Ion:105 Resp: 5021974

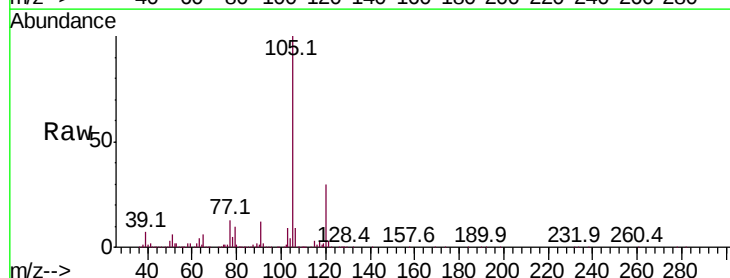
Ion Ratio Lower Upper

105 100

120 31.1 24.7 37.1

91 12.1 9.9 14.9

77 13.0 10.5 15.7



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

3000000

2500000

2000000

1500000

1000000

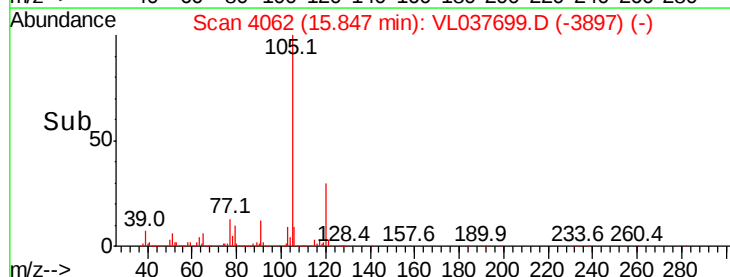
500000

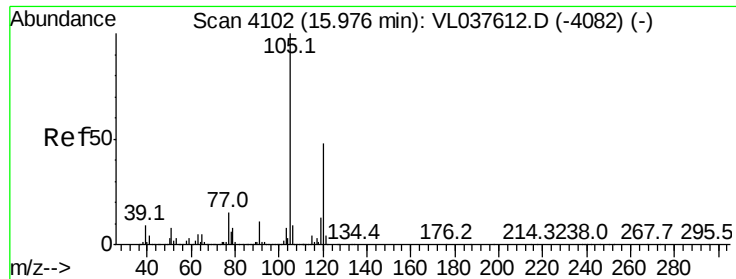
0

15.80

15.90

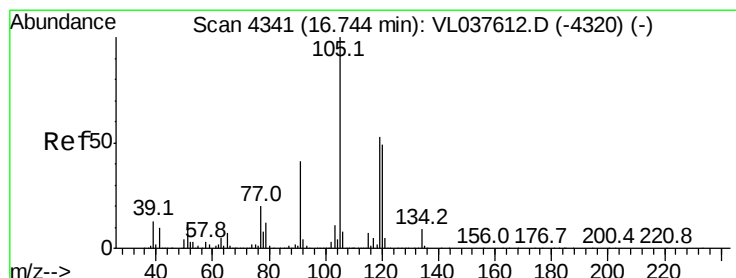
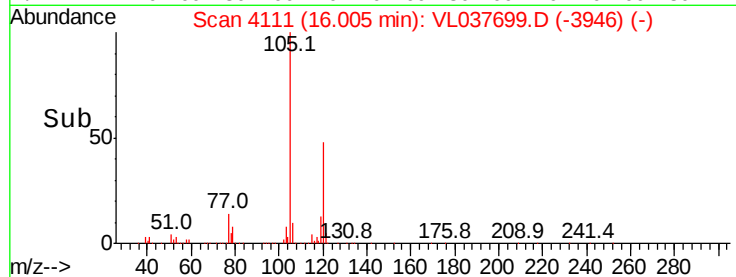
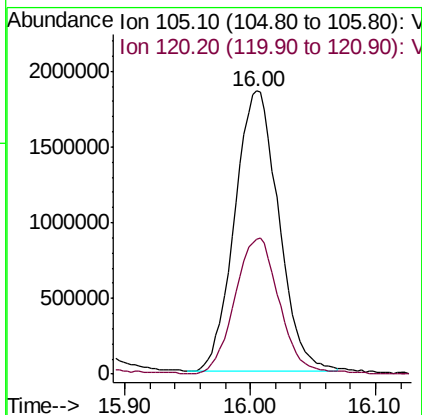
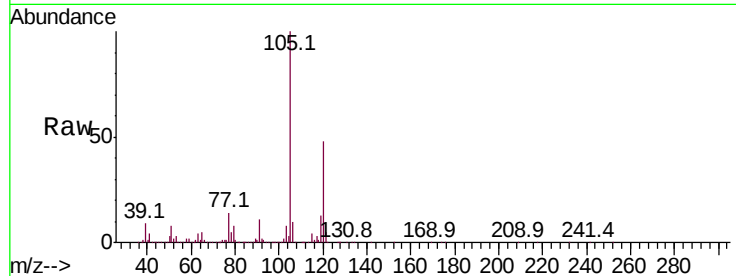
Time-->





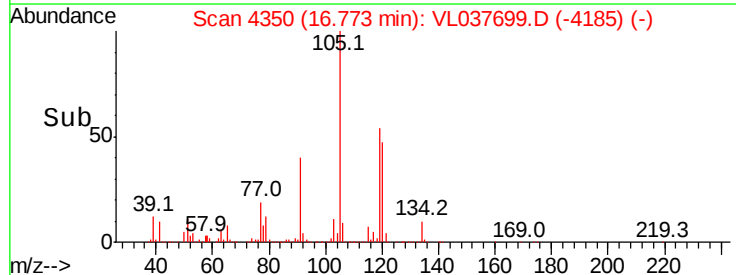
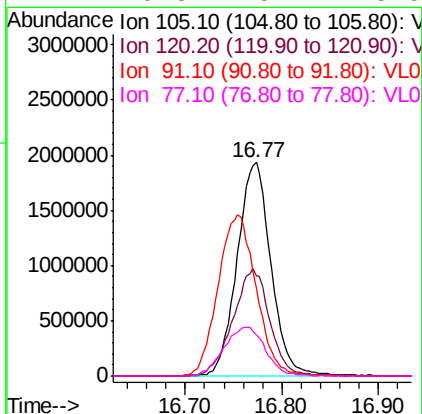
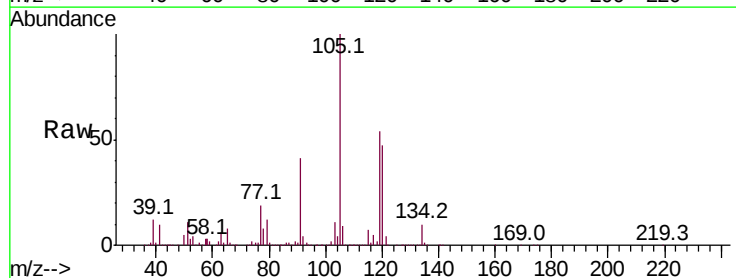
#73
 1,3,5-Trimethylbenzene
 Concen: 7.791 ppbv
 RT: 16.00 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 28 Sep 2021 11:34

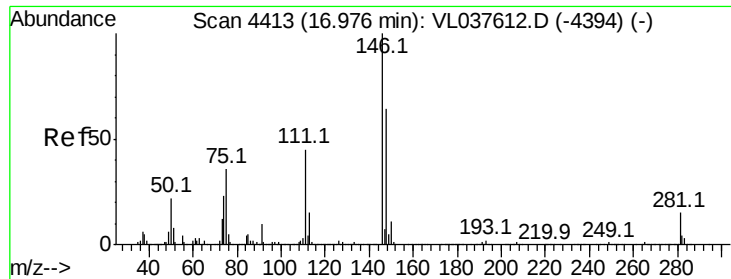
Tot Ion:105 Resp: 4525756
 Ion Ratio Lower Upper
 105 100
 120 47.8 38.3 57.5



#74
 1,2,4-Trimethylbenzene
 Concen: 7.666 ppbv
 RT: 16.77 min Scan# 4350
 Delta R.T. 0.03 min
 Lab File: VL037699.D
 Acq: 28 Sep 2021 11:34

Tgt Ion:105 Resp: 4690271
 Ion Ratio Lower Upper
 105 100
 120 47.0 39.4 59.0
 91 40.3 33.3 49.9
 77 19.3 15.7 23.5





#75

1,3-Dichlorobenzene

Concen: 7.583 ppbv

RT: 17.00

Delta R.T. MSVOA_1

Lab File:

Acq: 28 Sep 2021 11:34

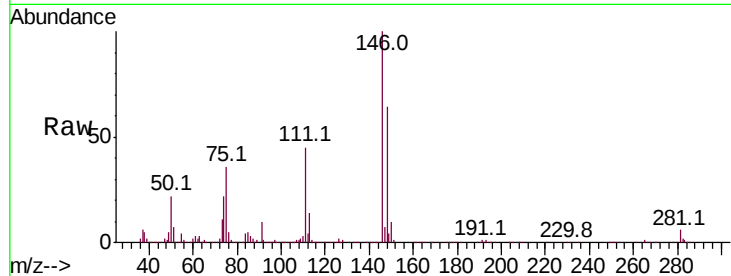
Tot Ion:146 Resp: 2882397

Ion Ratio Lower Upper

146 100

111 45.5 22.8 68.3

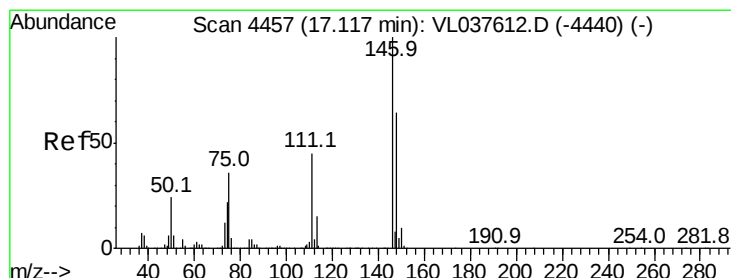
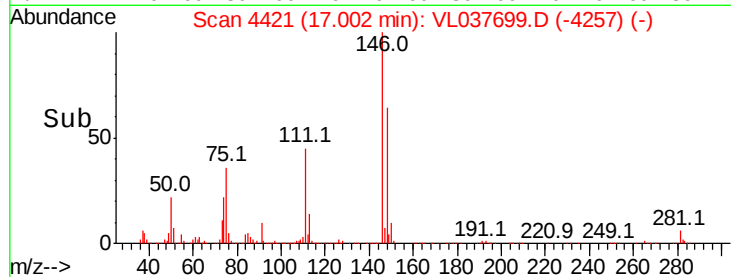
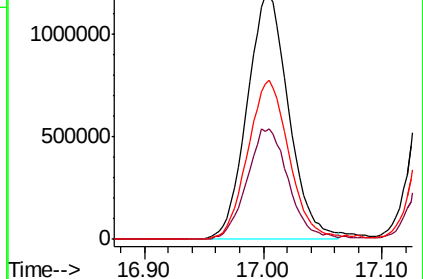
148 65.0 32.1 96.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 7.451 ppbv

RT: 17.14 min Scan# 4465

Delta R.T. 0.03 min

Lab File: VL037699.D

Acq: 28 Sep 2021 11:34

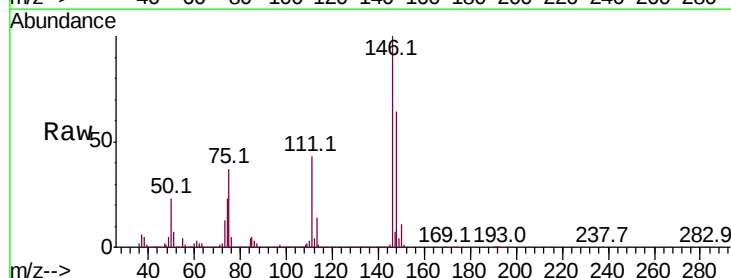
Tgt Ion:146 Resp: 2793425

Ion Ratio Lower Upper

146 100

111 45.0 22.5 67.5

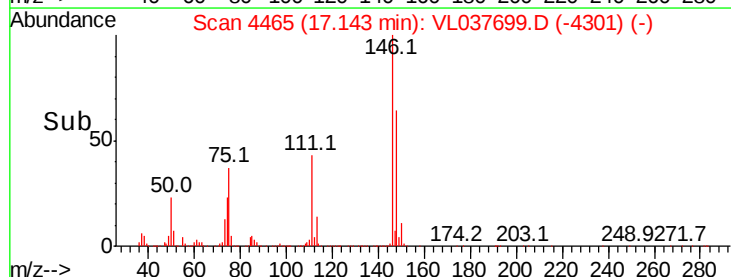
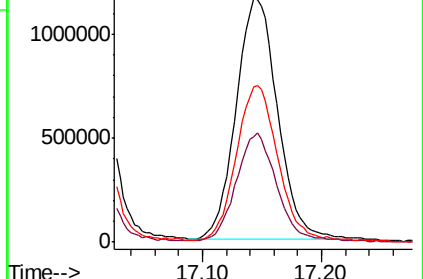
148 66.6 32.9 98.6

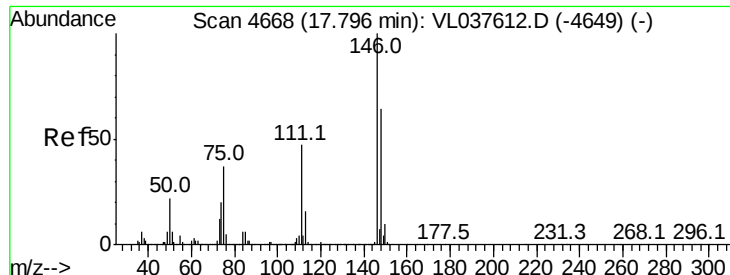


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

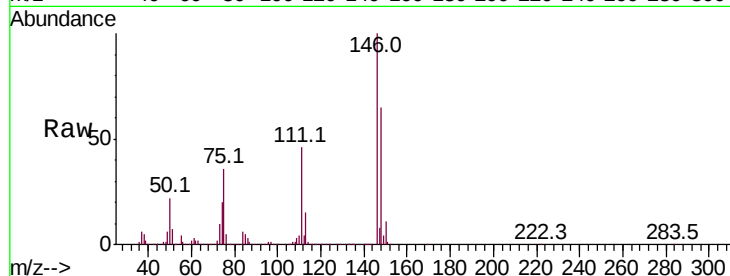




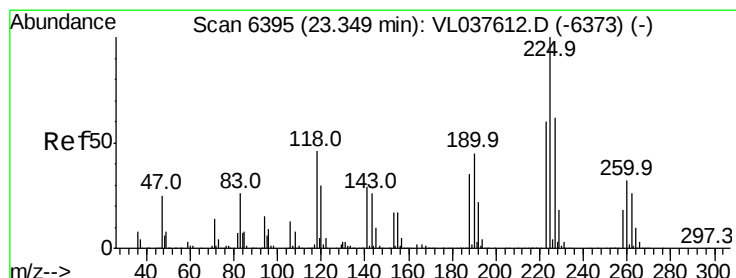
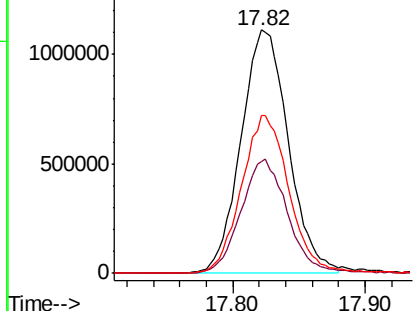
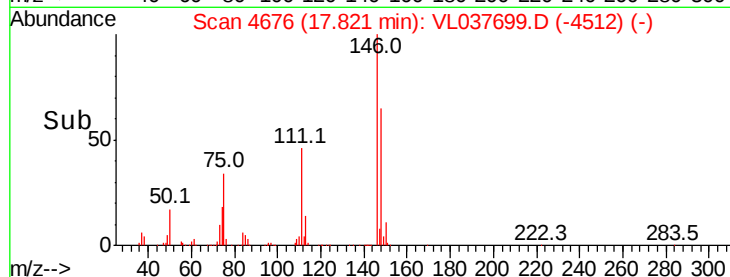
#77
 1,2-Dichlorobenzene
 Concen: 7.621 ppbv
 RT: 17.82 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 28 Sep 2021 11:34

Tot Ion:146 Resp: 2747594

Ion	Ratio	Lower	Upper
146	100		
111	46.6	24.0	72.0
148	65.5	32.8	98.3



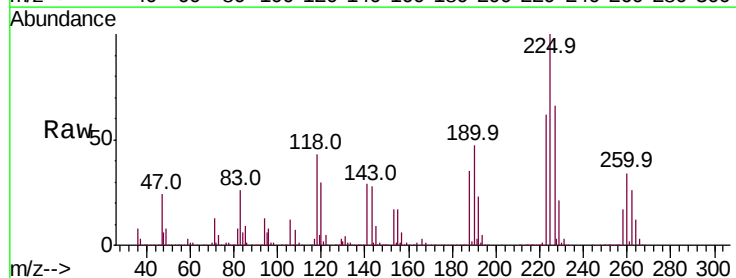
Abundance Ion 146.00 (145.70 to 146.70): V
 1500000 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V



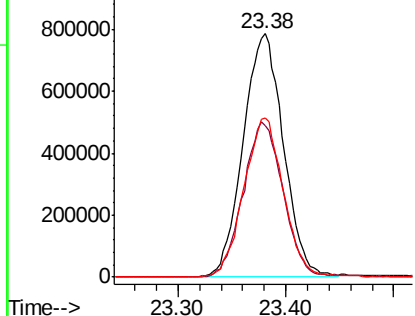
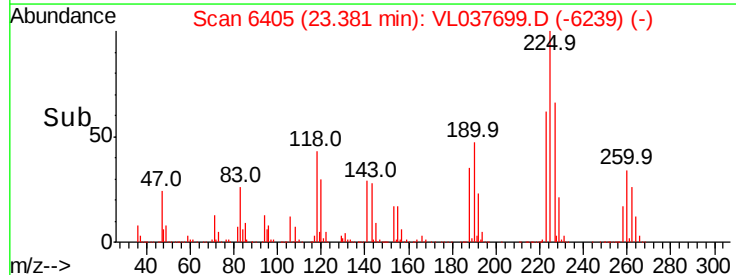
#78
 Hexachloro-1,3-Butadiene
 Concen: 6.729 ppbv
 RT: 23.38 min Scan# 6405
 Delta R.T. 0.03 min
 Lab File: VL037699.D
 Acq: 28 Sep 2021 11:34

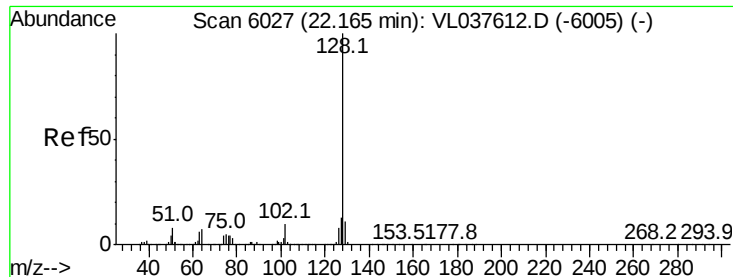
Tgt Ion:225 Resp: 2041902

Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.1	76.7
227	64.5	52.2	78.4



Abundance Ion 224.90 (224.60 to 225.60): V
 1000000 Ion 222.90 (222.60 to 223.60): V
 Ion 226.90 (226.60 to 227.60): V

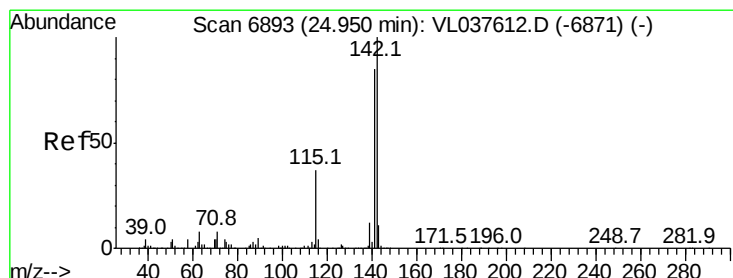
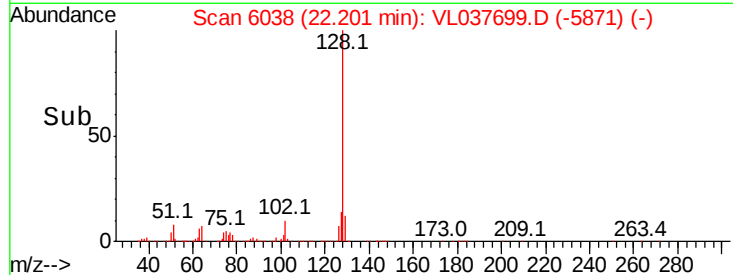
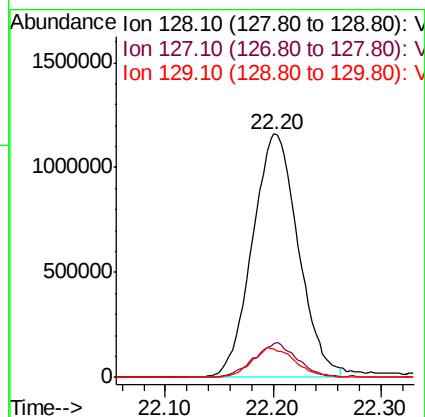
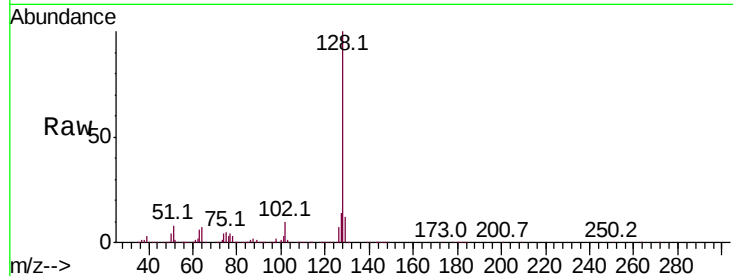




#79
Naphthalene
Concen: 9.125 ppbv
RT: 22.20 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 28 Sep 2021 11:34

Tot Ion:128 Resp: 3427947

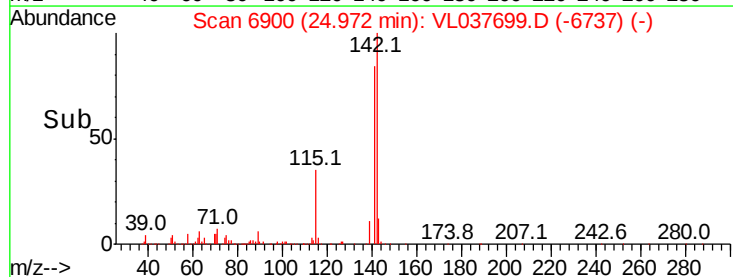
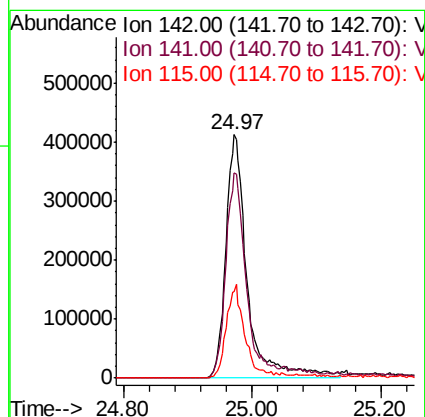
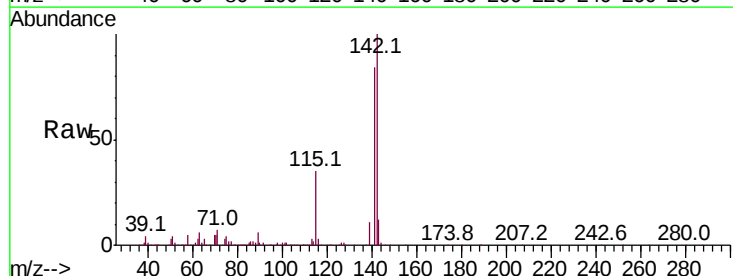
Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.6	16.0
129	11.6	8.6	12.8

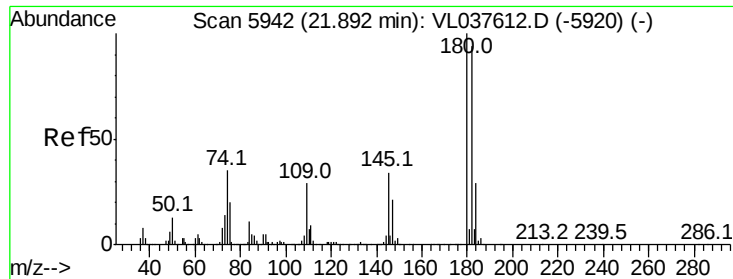


#80
Naphthalene, 2-methyl-
Concen: 11.152 ppbv
RT: 24.97 min Scan# 6900
Delta R.T.: 0.02 min
Lab File: VL037699.D
Acq: 28 Sep 2021 11:34

Tgt Ion:142 Resp: 957615

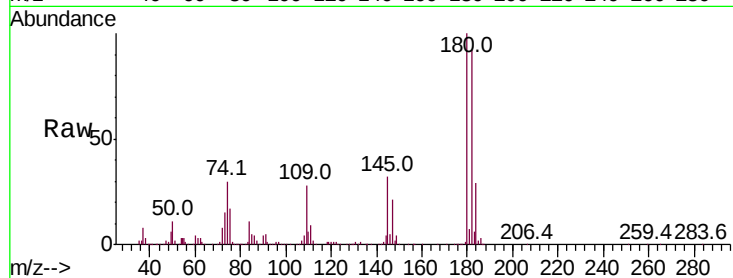
Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.9	106.3
115	34.9	29.6	44.4





#81
 1,2,4-Trichlorobenzene
 Concen: 8.705 ppbv
 RT: 21.93
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 28 Sep 2021 11:34

Tot Ion:	180	Resp:	2099556
Ion	Ratio	Lower	Upper
180	100		
182	96.1	78.9	118.3
184	31.4	24.7	37.1



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

