

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061521\
 Data File : VL037161.D
 Acq On : 15 Jun 2021 19:49
 Operator : SY/AP
 Sample : VL0615ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 16 01:45:34 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jun 14 16:49:11 2021
 QLast Update : Mon Jun 14 16:49:11 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1603217	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4704668	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	5399974	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3370862	8.48	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	84.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	2169039	8.495	ppbv 100
3) Chlorodifluoromethane	2.99	51	2604583	8.660	ppbv 100
4) Chloromethane	3.15	50	817359	7.976	ppbv 96
5) Vinyl Chloride	3.26	62	900164	9.080	ppbv 98
6) Bromomethane	3.48	94	398339	6.316	ppbv 97
7) Chloroethane	3.56	64	333513	8.621	ppbv 98
8) Dichlorotetrafluoroethane	3.20	85	2261615	8.290	ppbv 100
9) Propene	3.02	41	788130	7.945	ppbv 100
10) Heptane	8.14	43	2018429	8.535	ppbv 99
11) Trichlorofluoromethane	3.96	101	2346053	8.098	ppbv 99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1635487	8.229	ppbv 99
13) Ethanol	3.62	45	11535	0.842	ppbv # 1
14) Bromoethene	3.75	108	729549	8.484	ppbv 98
15) Acetone	3.86	43	1203941	6.276	ppbv 100
16) 1,3-Butadiene	3.33	39	992569	9.583	ppbv 89
17) tert-Butyl alcohol	4.30	59	1285059	7.740	ppbv 100
18) 1,1-Dichloroethene	4.30	96	749161	8.356	ppbv 99
19) Isopropyl Alcohol	3.98	45	856903	8.140	ppbv # 95
20) Methylene Chloride	4.35	84	583186	6.975	ppbv 99
21) Allyl Chloride	4.42	41	951776	7.426	ppbv 98
22) trans-1,2-Dichloroethene	4.90	96	744601	8.524	ppbv 100
23) Vinyl Acetate	5.09	43	2159838	8.573	ppbv 99
24) 1,1-Dichloroethane	5.02	63	1734440	8.579	ppbv 98
25) Ethyl Acetate	5.69	43	3049922	8.114	ppbv 99
26) Hexane	5.70	57	1510533	8.080	ppbv 98
27) Carbon Disulfide	4.56	76	1675427	8.840	ppbv 99
28) Methyl tert-Butyl Ether	5.05	73	1891120	8.077	ppbv 99
29) Chloroform	5.76	83	2475683	8.203	ppbv 100
30) Cyclohexane	7.14	84	1347867	8.270	ppbv 98
31) cis-1,2-Dichloroethene	5.56	61	1506537	8.362	ppbv 99
32) 1,1,1-Trichloroethane	6.52	97	2584169	9.325	ppbv 99
34) 2-Butanone	5.26	43	1415000	8.008	ppbv 99
35) Carbon Tetrachloride	7.03	117	2696072	9.322	ppbv 99
36) Benzene	6.91	78	3186533	8.536	ppbv 99
37) 1,2-Dichloroethane	6.32	62	1855942	8.562	ppbv 100
38) Trichloroethene	7.85	130	1379454	8.551	ppbv 99
39) 1,2-Dichloropropane	7.63	63	1221574	8.571	ppbv 99
40) 1,4-Dioxane	7.85	88	317048	7.944	ppbv # 1
41) Tetrahydrofuran	6.07	42	695535	8.089	ppbv 100
42) Bromodichloromethane	7.81	83	2647474	8.864	ppbv 98
43) Methyl Methacrylate	8.03	69	1216474	9.498	ppbv 98

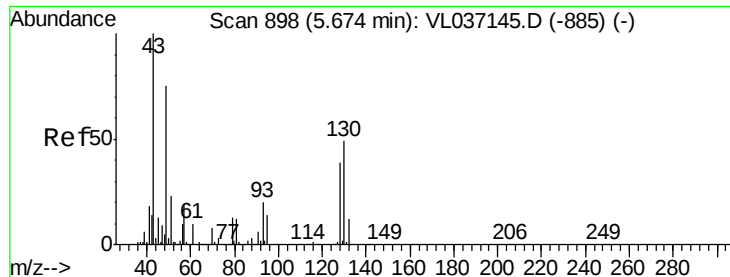
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061521\
 Data File : VL037161.D
 Acq On : 15 Jun 2021 19:49
 Operator : SY/AP
 Sample : VL0615ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 16 01:45:34 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jun 14 16:49:11 2021
 QLast Update : Mon Jun 14 16:49:11 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	5278816	8.448	ppbv	99
45) t-1,3-Dichloropropene	9.29	75	598027	5.182	ppbv	96
46) cis-1,3-Dichloropropene	8.72	75	873577	5.673	ppbv	100
47) 1,1,2-Trichloroethane	9.49	97	1361992	8.425	ppbv	98
48) Dibromochloromethane	10.32	129	2473637	9.485	ppbv	99
49) Bromoform	13.06	173	2092013	10.268	ppbv	99
50) 4-Methyl-2-Pentanone	8.76	43	2247949	8.649	ppbv	99
51) 2-Hexanone	10.15	43	1230380	9.484	ppbv #	98
52) Tetrachloroethene	11.24	164	1345221	8.713	ppbv	97
53) Toluene	9.82	91	3871700	8.725	ppbv	100
54) 1,2-Dibromoethane	10.63	107	1968903	8.317	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.14	131	1725530	7.327	ppbv #	58
57) Chlorobenzene	12.16	112	2977015	6.880	ppbv	99
58) Ethyl Benzene	12.73	91	5224627	7.143	ppbv	98
59) m/p-Xylene	13.01	91	5016128	8.070	ppbv #	49
60) o-Xylene	13.71	91	4189888	7.020	ppbv	100
61) Styrene	13.55	104	2278237	7.241	ppbv	100
62) Isopropylbenzene	14.68	105	6004890	7.059	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.69	83	2900146	7.474	ppbv	100
64) n-propylbenzene	15.58	120	1625051	7.490	ppbv	97
65) tert-Butylbenzene	16.76	119	5477477	7.105	ppbv	99
66) Benzyl Chloride	17.00	91	44696	1.328	ppbv #	44
67) sec-Butylbenzene	17.31	105	7325724	7.152	ppbv	99
69) p-Isopropyltoluene	17.67	119	6372788	7.442	ppbv	100
70) n-Butylbenzene	18.57	91	6043276	7.713	ppbv	99
71) 2-Chlorotoluene	15.47	91	4409029	7.266	ppbv	99
72) 4-Ethyltoluene	15.86	105	5117686	7.382	ppbv	99
73) 1,3,5-Trimethylbenzene	16.01	105	4604742	7.003	ppbv	98
74) 1,2,4-Trimethylbenzene	16.78	105	4858950	7.262	ppbv	96
75) 1,3-Dichlorobenzene	17.01	146	3032645	7.361	ppbv	99
76) 1,4-Dichlorobenzene	17.16	146	3000625	7.333	ppbv	99
77) 1,2-Dichlorobenzene	17.83	146	2988659	7.357	ppbv	100
78) Hexachloro-1,3-Butadiene	23.39	225	2043496	7.096	ppbv	99
79) Naphthalene	22.22	128	3852957	9.567	ppbv	98
80) Naphthalene, 2-methyl-	24.99	142	819412	8.410	ppbv	98
81) 1,2,4-Trichlorobenzene	21.95	180	2249952	8.783	ppbv	96

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. 0.01 min

Lab File: VL037161.D

Acq: 15 Jun 2021 19:49

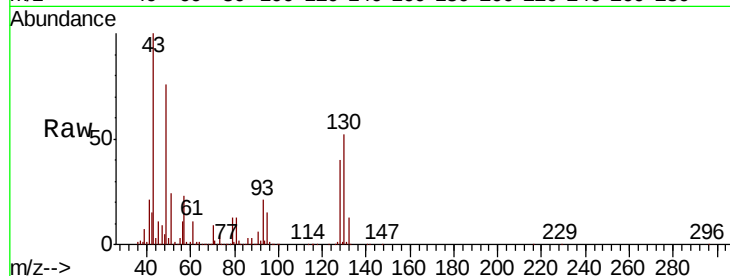
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 49 Resp: 1603217

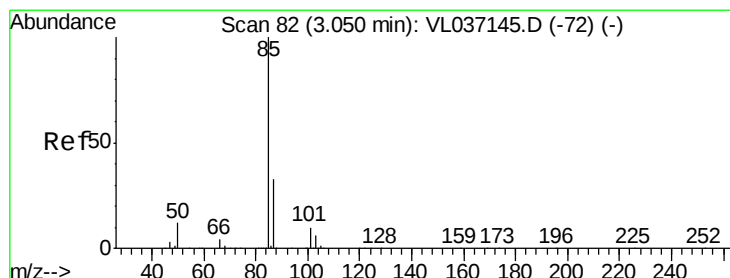
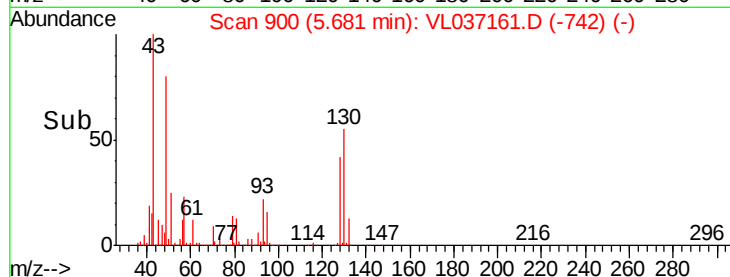
Ion	Ratio	Lower	Upper
49	100		
128	58.5	28.8	86.5
130	72.3	36.0	108.0



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: 8.495 ppbv

RT: 3.05 min Scan# 83

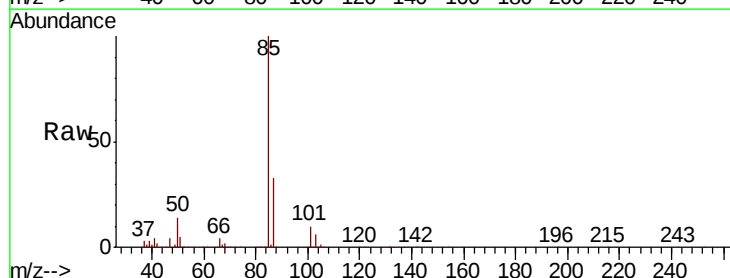
Delta R.T. 0.00 min

Lab File: VL037161.D

Acq: 15 Jun 2021 19:49

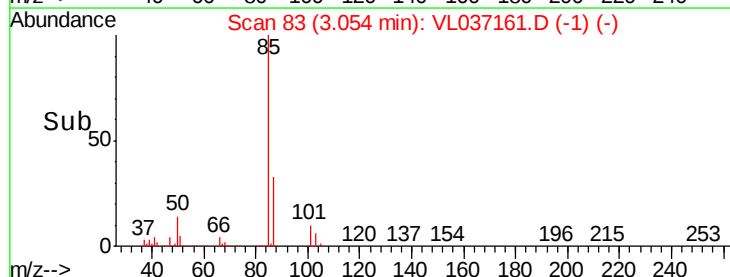
Tgt Ion: 85 Resp: 2169039

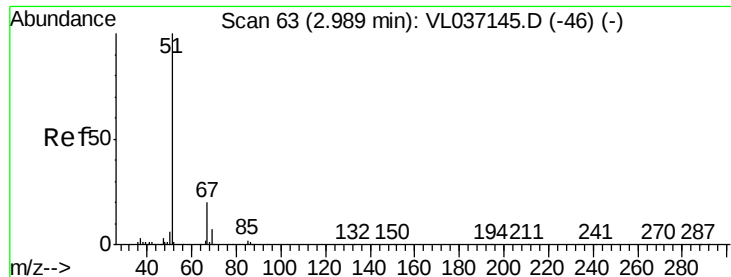
Ion	Ratio	Lower	Upper
85	100		
87	32.7	26.4	39.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

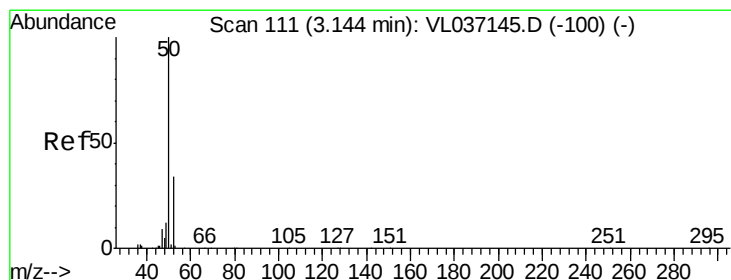
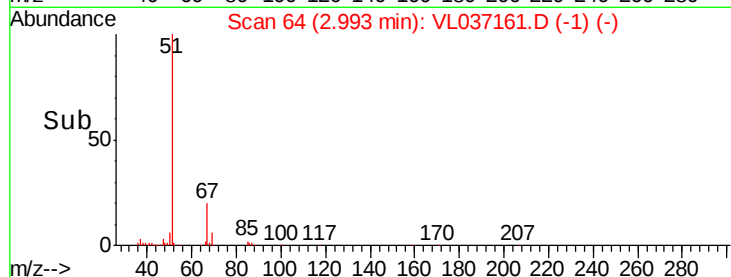
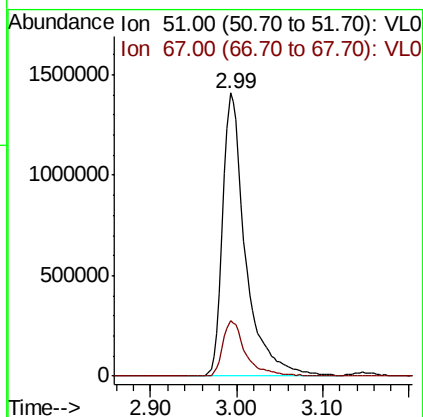
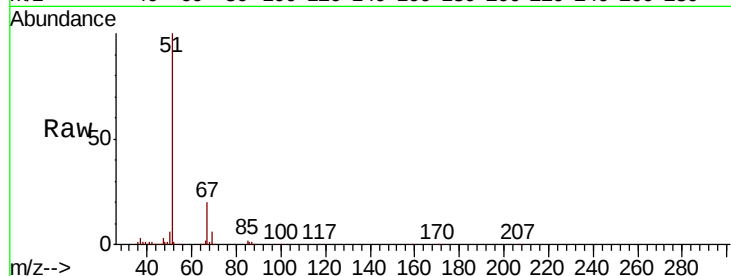




#3
 Chlorodifluoromethane
 Concen: 8.660 ppbv
 RT: 2.99 min Scan# 64
 Delta R.T. 0.00 min
 Lab File: VL037161.D
 Acq: 15 Jun 2021 19:49

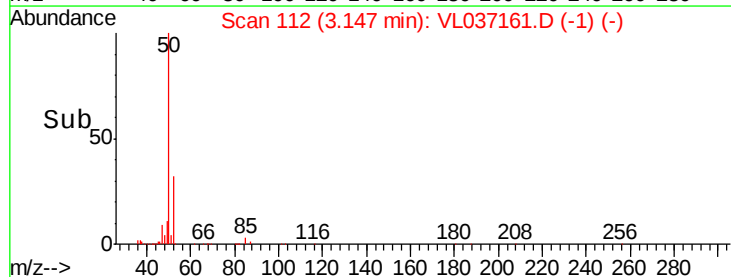
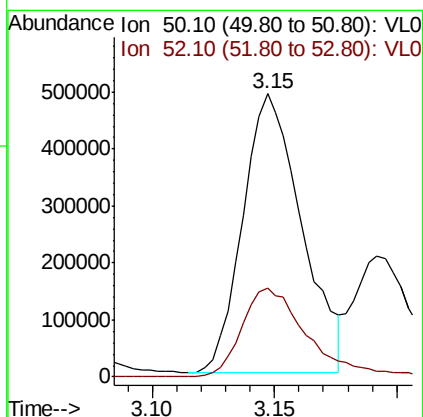
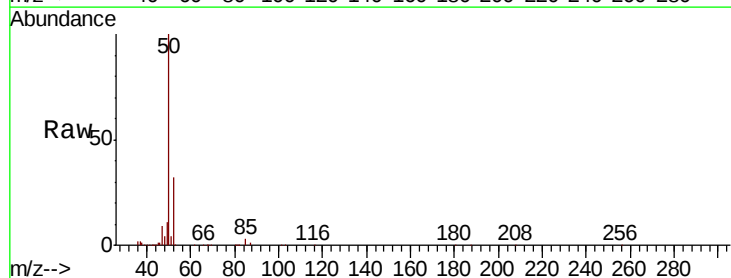
Instrument :
 MSVOA_L
 ClientSampleId :

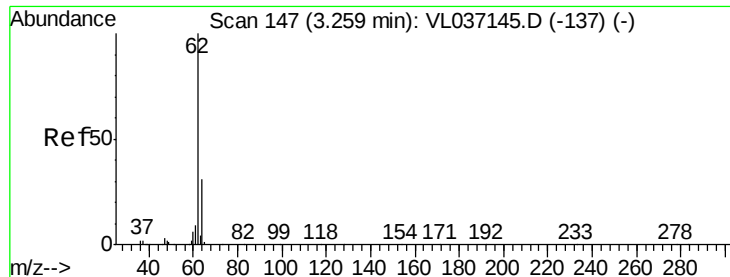
Tot Ion: 51 Resp: 2604583
 Ion Ratio Lower Upper
 51 100
 67 19.7 15.9 23.9



#4
 Chloromethane
 Concen: 7.976 ppbv
 RT: 3.15 min Scan# 112
 Delta R.T. 0.00 min
 Lab File: VL037161.D
 Acq: 15 Jun 2021 19:49

Tgt Ion: 50 Resp: 817359
 Ion Ratio Lower Upper
 50 100
 52 31.9 27.4 41.2





#5

Vinyl Chloride

Concen: 9.080 ppbv

RT: 3.26 min Scan# 148

Delta R.T. 0.00 min

Lab File: VL037161.D

Acq: 15 Jun 2021 19:49

Instrument :

MSVOA_L

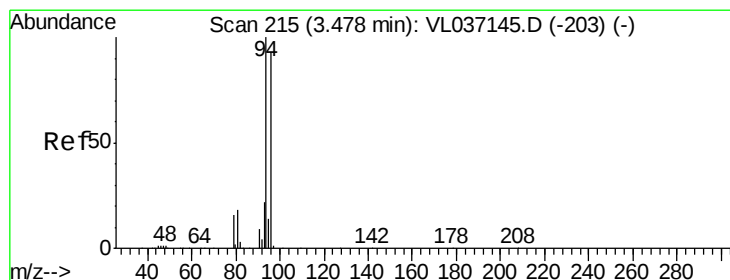
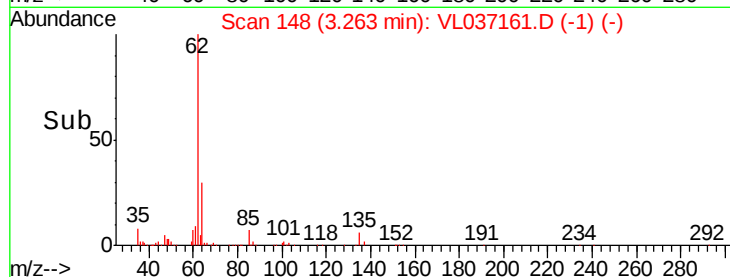
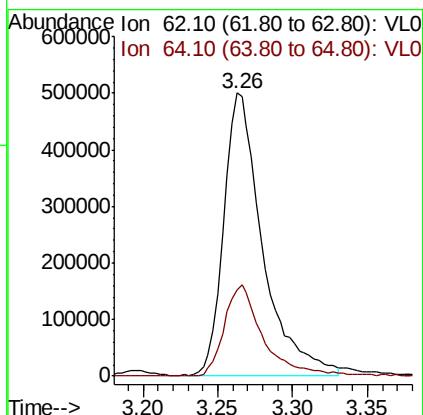
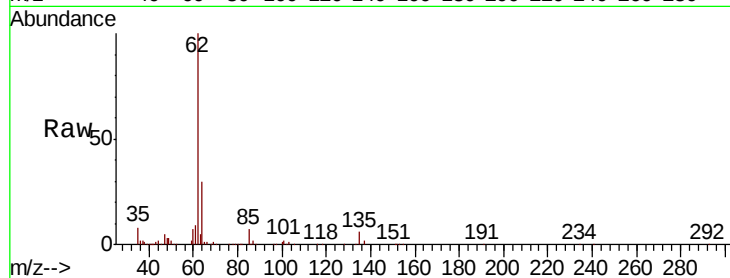
ClientSampleId :

Tot Ion: 62 Resp: 900164

Ion Ratio Lower Upper

62 100

64 30.5 25.2 37.8



#6

Bromomethane

Concen: 6.316 ppbv

RT: 3.48 min Scan# 216

Delta R.T. 0.00 min

Lab File: VL037161.D

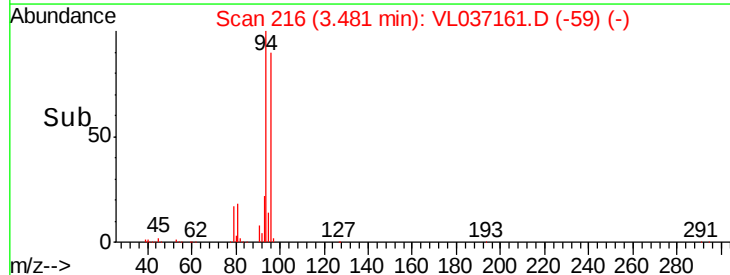
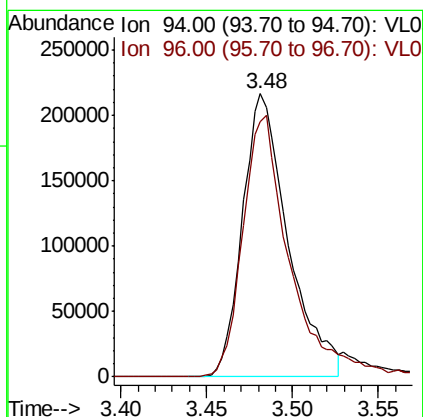
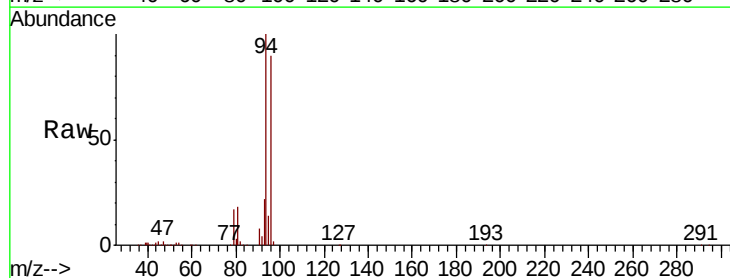
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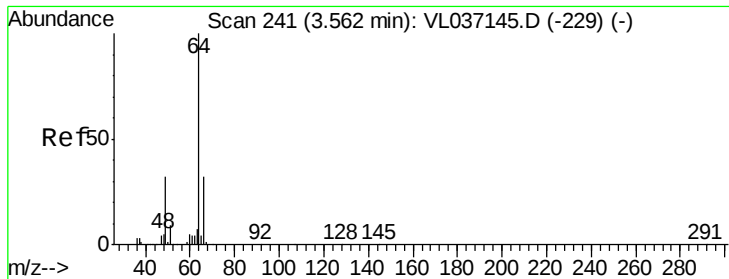
Tgt Ion: 94 Resp: 398339

Ion Ratio Lower Upper

94 100

96 89.9 74.2 111.2





#7

Chloroethane

Concen: 8.621 ppbv

RT: 3.56 min Scan# 242

Delta R.T. 0.00 min

Lab File: VL037161.D

Acq: 15 Jun 2021 19:49

Instrument :

MSVOA_L

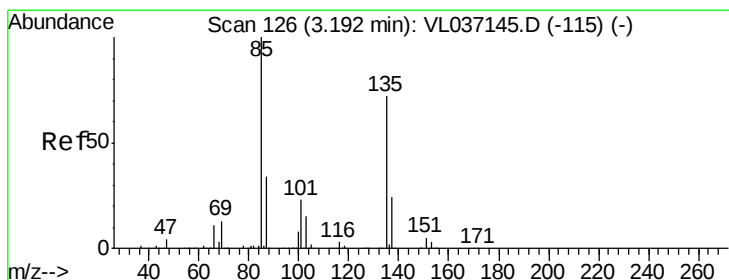
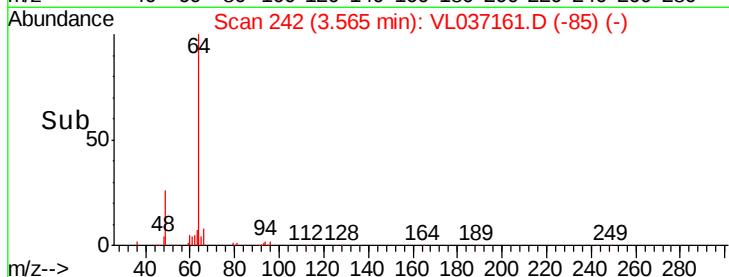
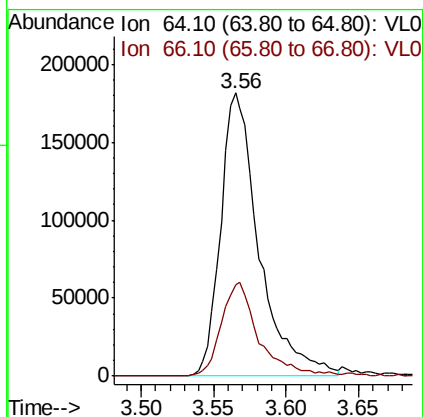
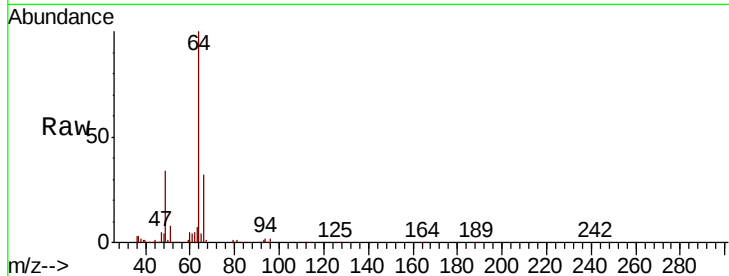
ClientSampleId :

Tot Ion: 64 Resp: 333513

Ion Ratio Lower Upper

64 100

66 32.4 25.3 37.9



#8

Dichlorotetrafluoroethane

Concen: 8.290 ppbv

RT: 3.20 min Scan# 127

Delta R.T. 0.00 min

Lab File: VL037161.D

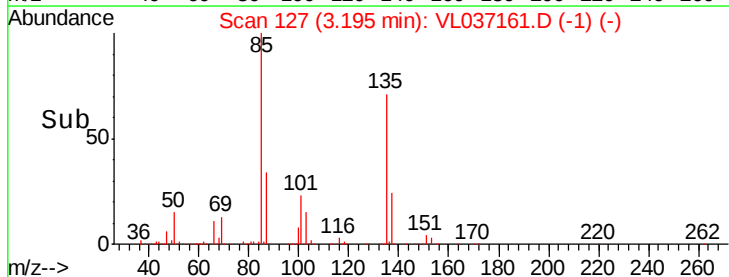
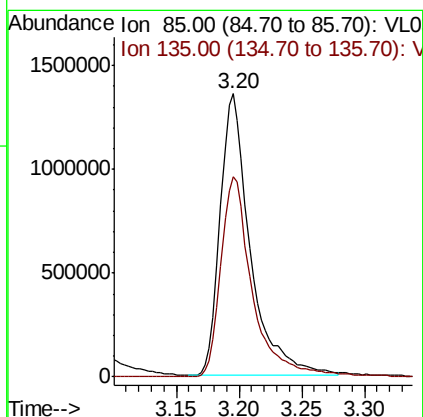
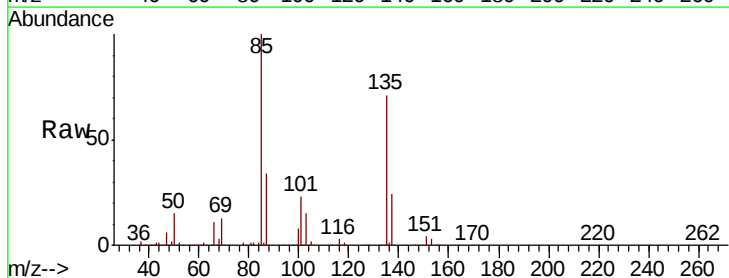
Acq: 15 Jun 2021 19:49

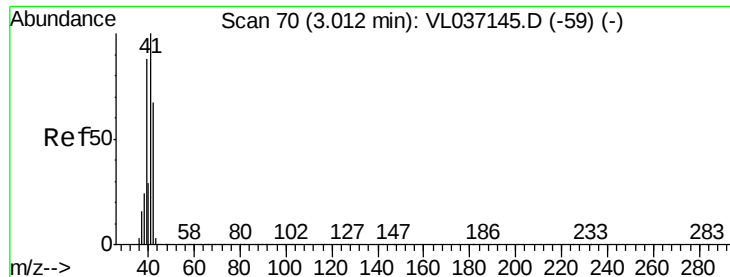
Tgt Ion: 85 Resp: 2261615

Ion Ratio Lower Upper

85 100

135 75.6 60.3 90.5





#9

Propene

Concen: 7.945 ppbv

RT: 3.02 min Scan# 71

Delta R.T. 0.00 min

Lab File: VL037161.D

Acq: 15 Jun 2021 19:49

Instrument :

MSVOA_L

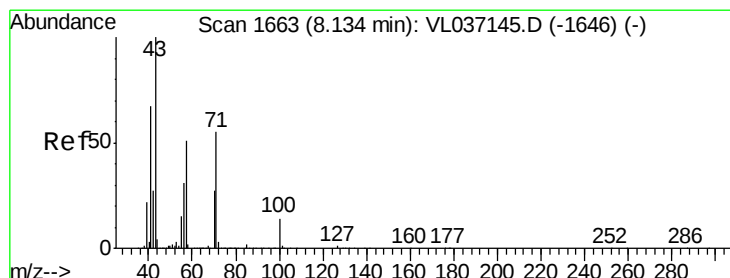
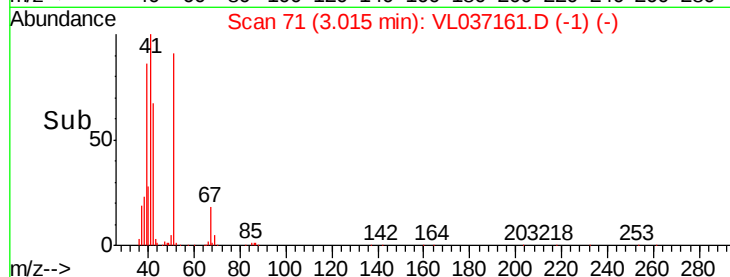
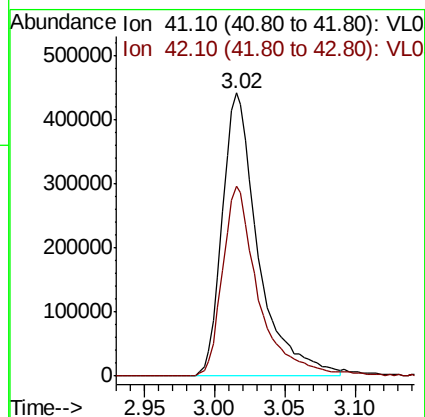
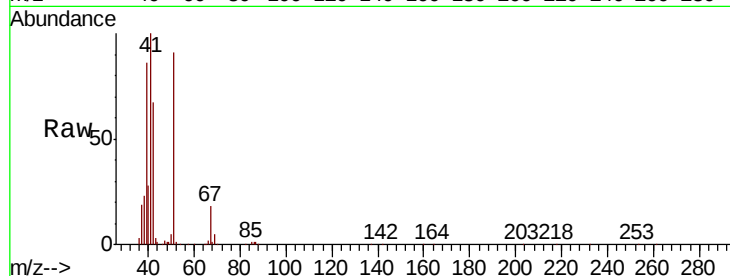
ClientSampleId :

Tot Ion: 41 Resp: 788130

Ion Ratio Lower Upper

41 100

42 67.4 53.8 80.8



#10

Heptane

Concen: 8.535 ppbv

RT: 8.14 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VL037161.D

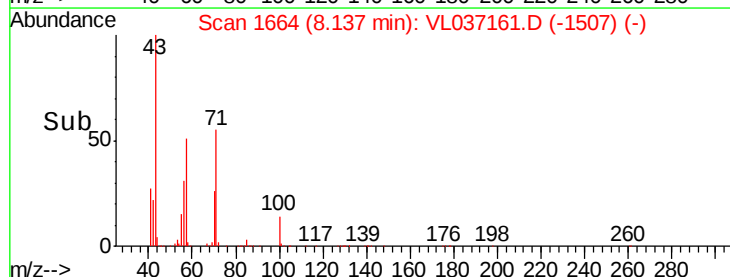
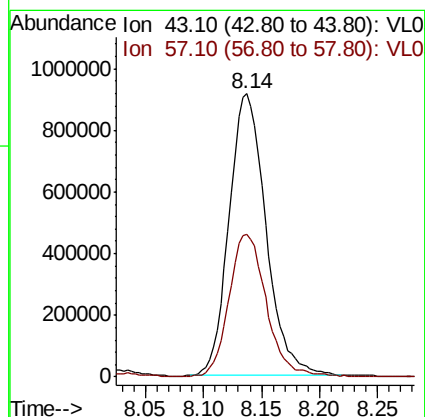
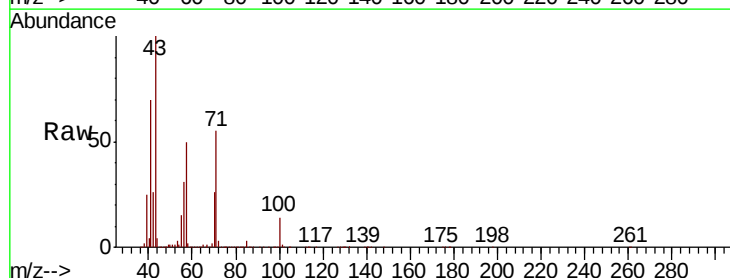
Acq: 15 Jun 2021 19:49

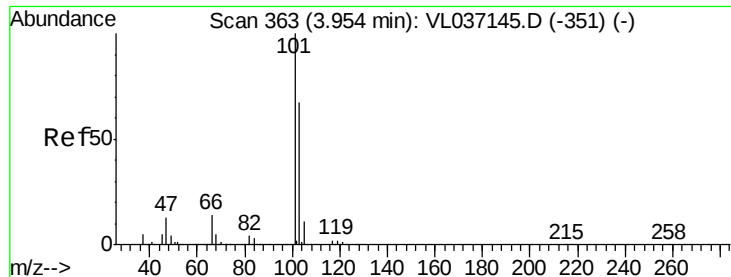
Tgt Ion: 43 Resp: 2018429

Ion Ratio Lower Upper

43 100

57 51.0 40.5 60.7

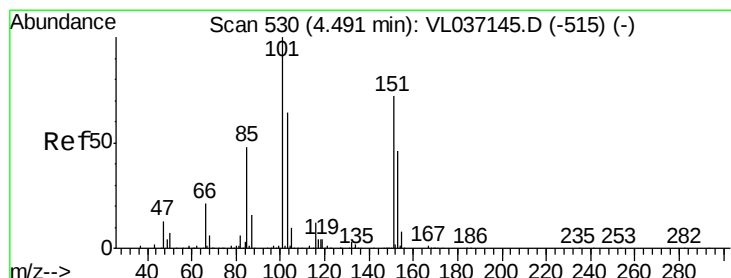
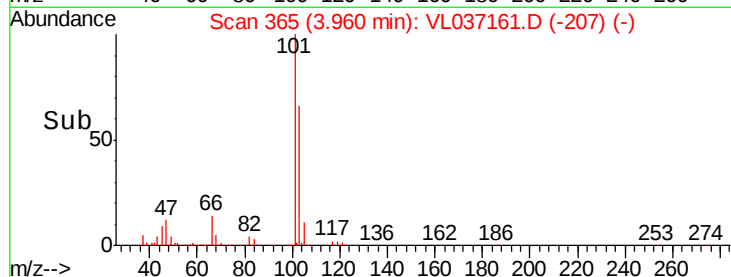
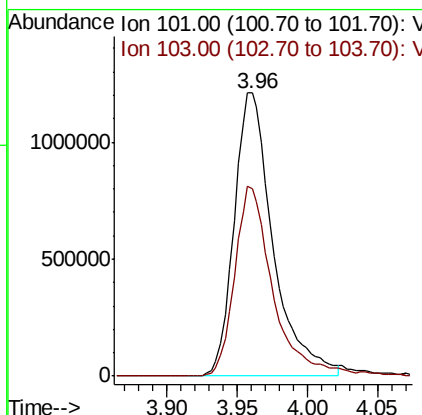
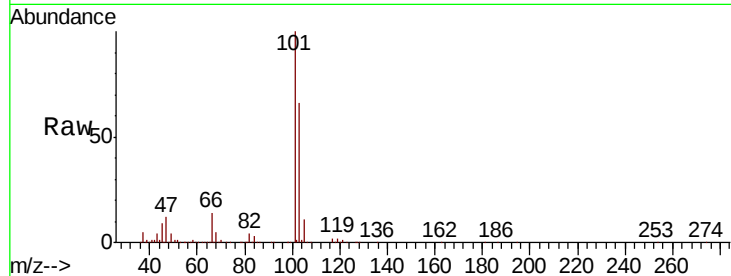




#11
 Trichlorofluoromethane
 Concen: 8.098 ppbv
 RT: 3.96 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VL037161.D
 Acq: 15 Jun 2021 19:49

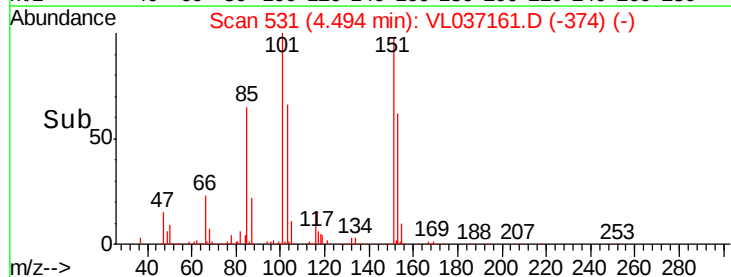
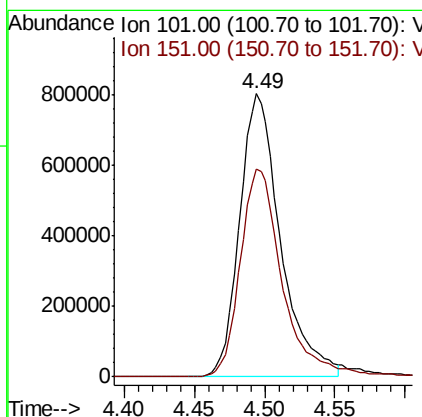
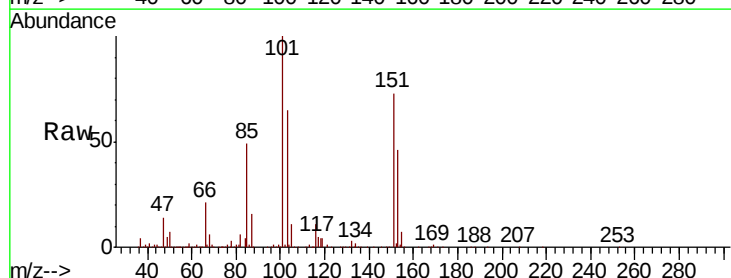
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 MSVOA_L
 ClientSampled :

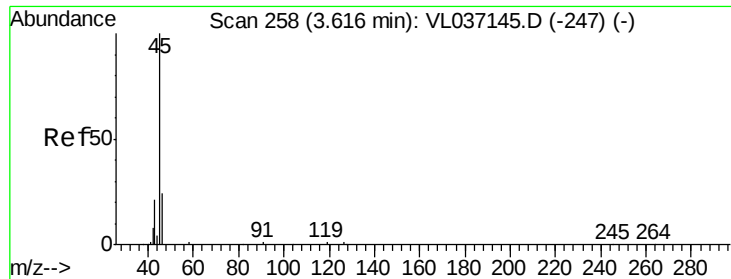
Tot Ion:101 Resp: 2346053
 Ion Ratio Lower Upper
 101 100
 103 66.3 53.6 80.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.229 ppbv
 RT: 4.49 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VL037161.D
 Acq: 15 Jun 2021 19:49

Tgt Ion:101 Resp: 1635487
 Ion Ratio Lower Upper
 101 100
 151 76.4 60.5 90.7

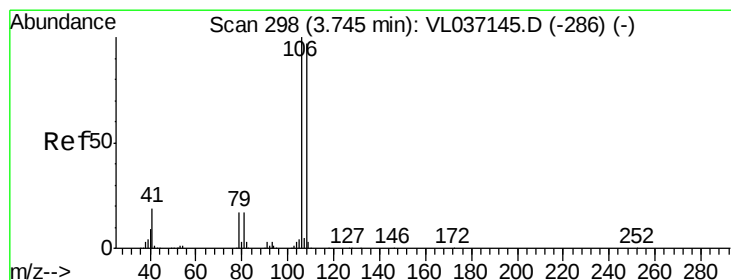
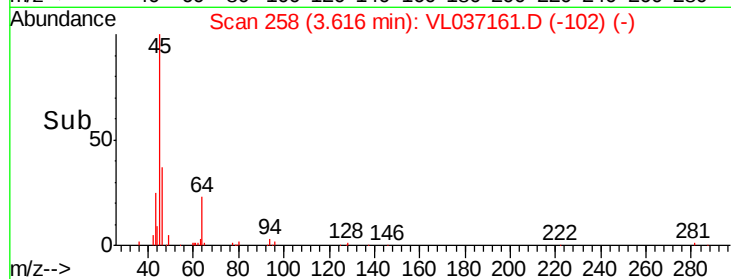
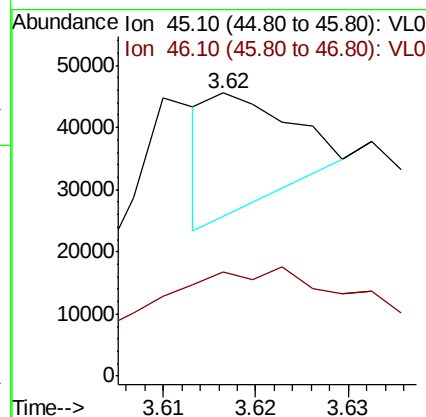
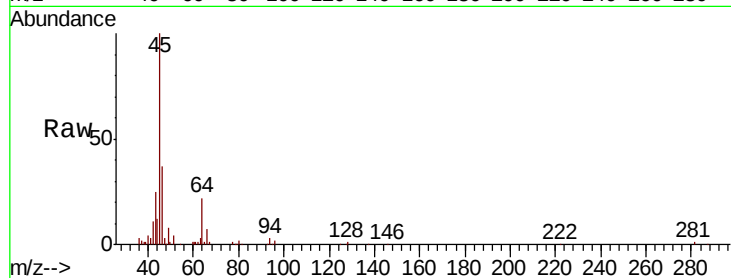




#13
Ethanol
Concen: 0.842 ppbv
RT: 3.62 min Scan# 258
Delta R.T. 0.00 min
Lab File: VL037161.D
Acq: 15 Jun 2021 19:49

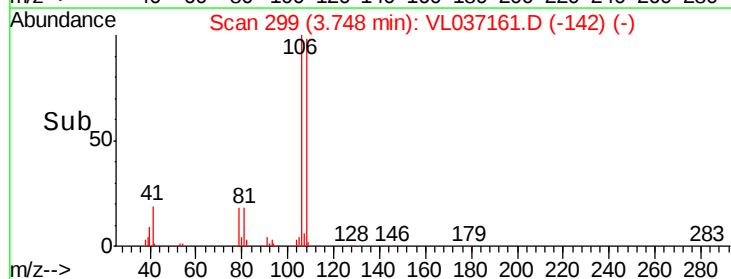
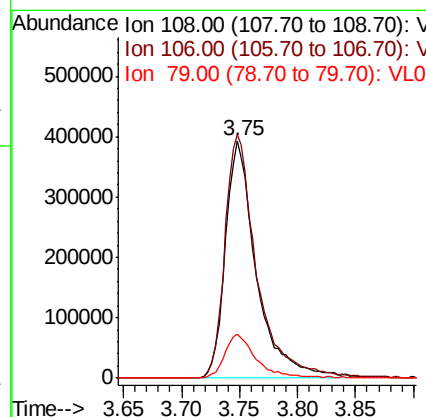
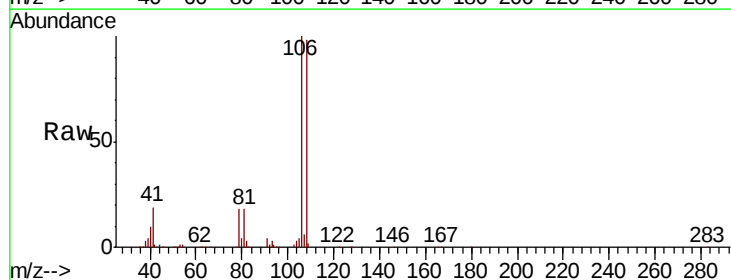
Instrument :
MSVOA_L
ClientSampled :

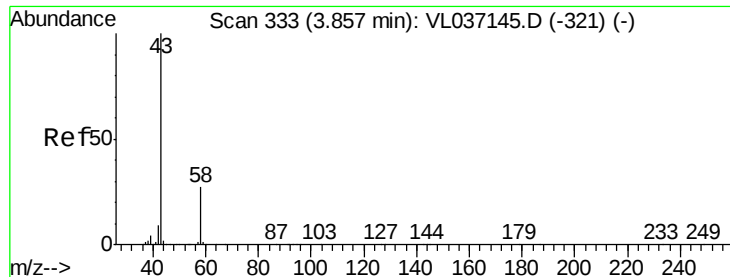
Tot Ion: 45 Resp: 11535
Ion Ratio Lower Upper
45 100
46 404.8 15.4 61.8#



#14
Bromoethene
Concen: 8.484 ppbv
RT: 3.75 min Scan# 299
Delta R.T. 0.00 min
Lab File: VL037161.D
Acq: 15 Jun 2021 19:49

Tgt Ion: 108 Resp: 729549
Ion Ratio Lower Upper
108 100
106 106.3 86.5 129.7
79 19.0 15.4 23.2





#15

Acetone

Concen: 6.276 ppbv

RT: 3.86 min Scan# 334

Delta R.T. 0.00 min

Lab File: VL037161.D

Acq: 15 Jun 2021 19:49

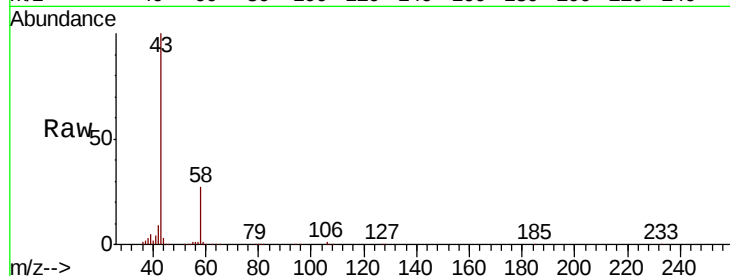
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 1203941

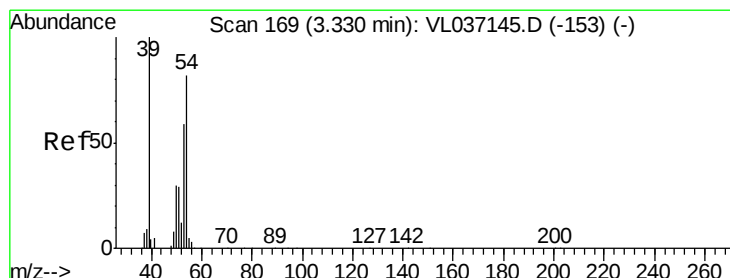
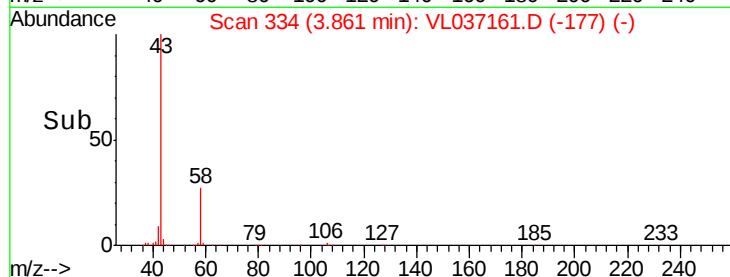
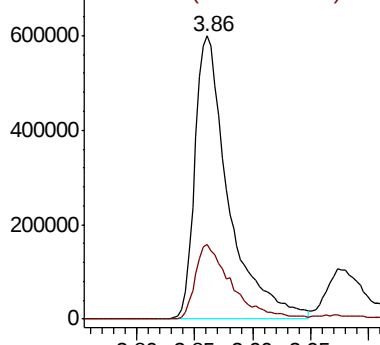
Ion Ratio Lower Upper

43 100

58 28.8 23.0 34.6



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 9.583 ppbv

RT: 3.33 min Scan# 170

Delta R.T. 0.00 min

Lab File: VL037161.D

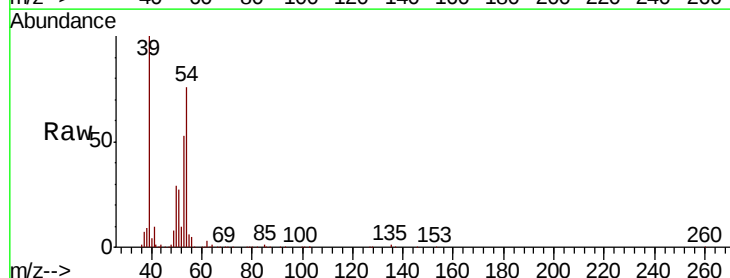
Acq: 15 Jun 2021 19:49

Tgt Ion: 39 Resp: 992569

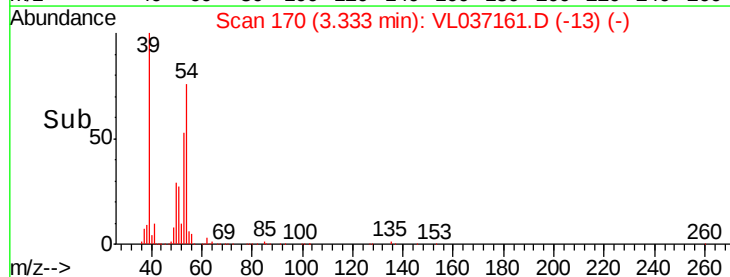
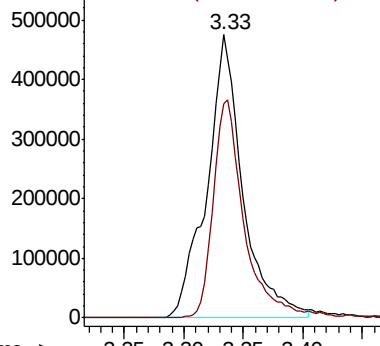
Ion Ratio Lower Upper

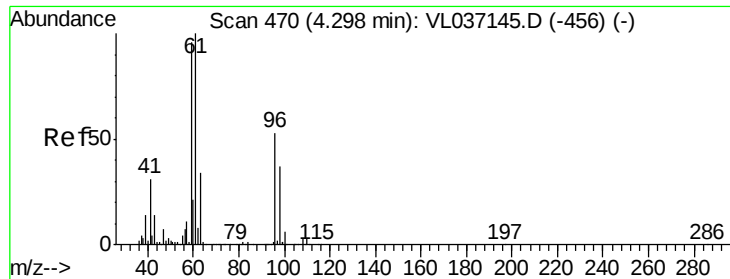
39 100

54 67.5 61.8 92.6



Abundance Ion 39.10 (38.80 to 39.80): VL0
Ion 54.10 (53.80 to 54.80): VL0



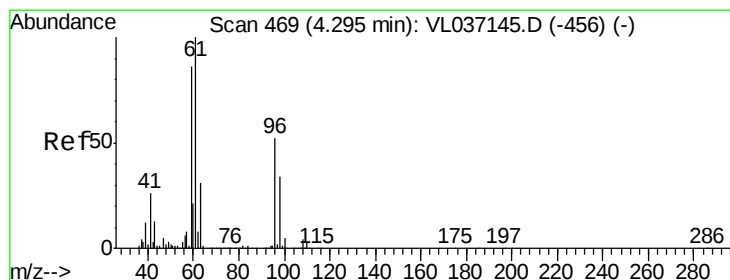
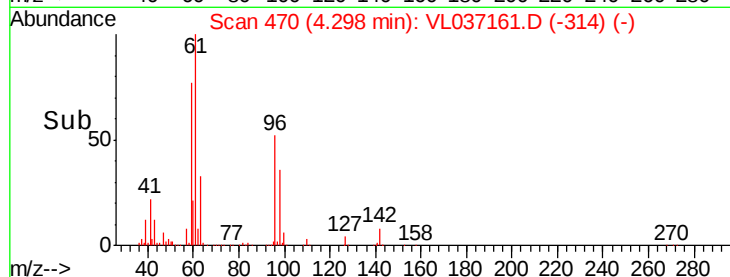
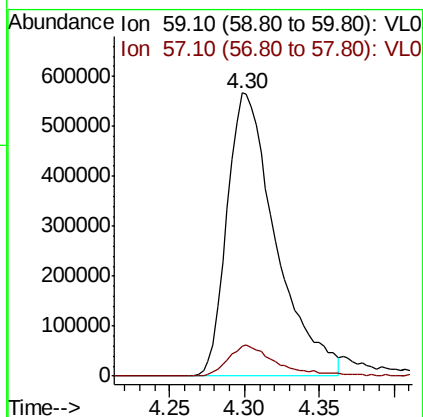
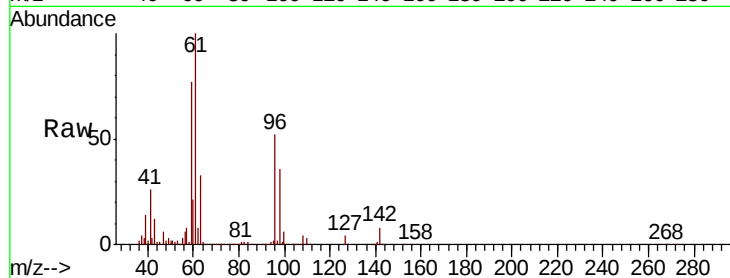


#17

tert-Butyl alcohol
 Concen: 7.740 ppbv
 RT: 4.30 min Scan# 470
 Delta R.T. 0.00 min
 Lab File: VL037161.D
 Acq: 15 Jun 2021 19:49

Instrument :
 MSVOA_L
 ClientSampleId :

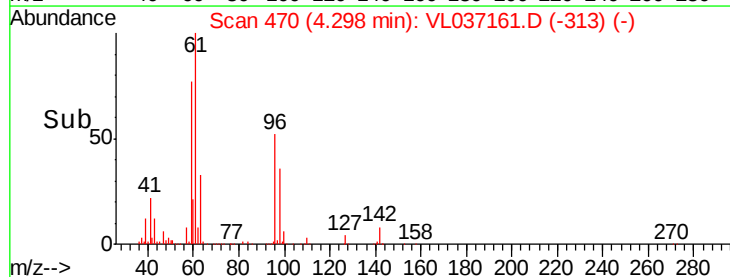
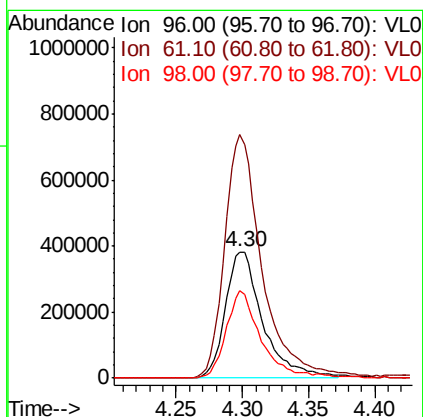
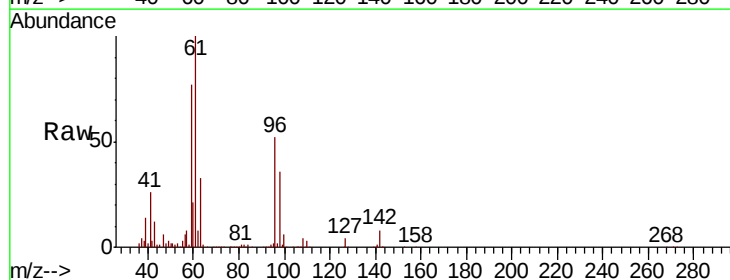
Tot Ion: 59 Resp: 1285059
 Ion Ratio Lower Upper
 59 100
 57 11.1 8.8 13.2

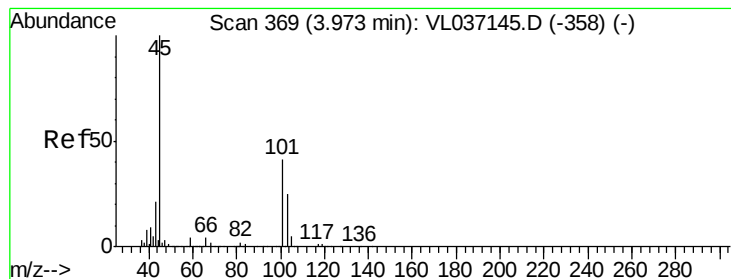


#18

1,1-Dichloroethene
 Concen: 8.356 ppbv
 RT: 4.30 min Scan# 470
 Delta R.T. 0.00 min
 Lab File: VL037161.D
 Acq: 15 Jun 2021 19:49

Tgt Ion: 96 Resp: 749161
 Ion Ratio Lower Upper
 96 100
 61 192.3 154.0 231.0
 98 69.0 52.3 78.5





#19

Isopropyl Alcohol

Concen: 8.140 ppbv

RT: 3.98 min Scan# 370

Delta R.T. 0.00 min

Lab File: VL037161.D

Acq: 15 Jun 2021 19:49

Instrument :

MSVOA_L

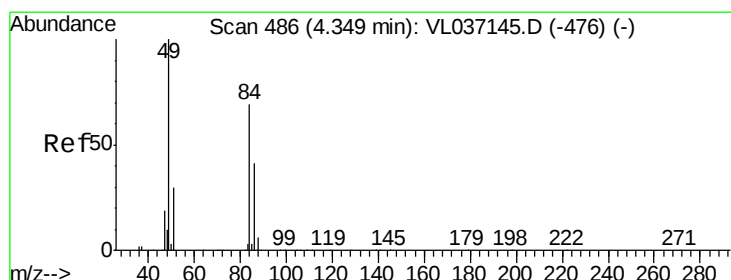
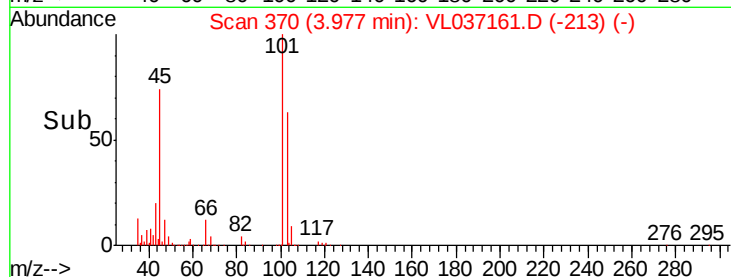
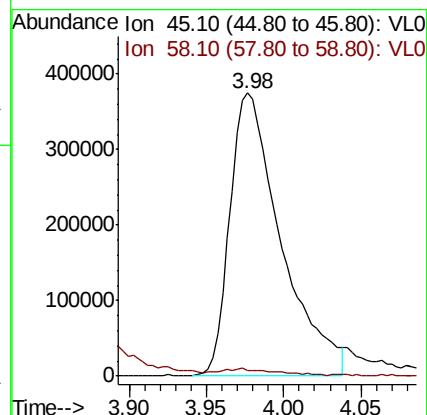
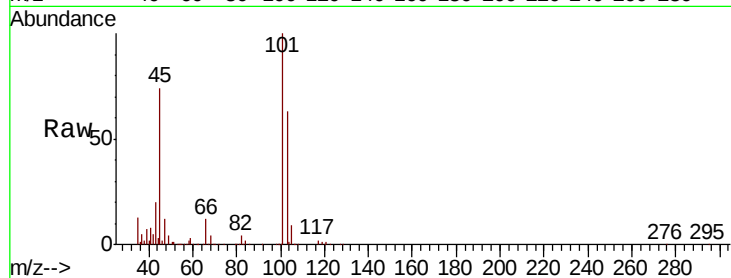
ClientSampleId :

Tot Ion: 45 Resp: 856903

Ion Ratio Lower Upper

45 100

58 3.5 1.4 2.2#



#20

Methylene Chloride

Concen: 6.975 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.00 min

Lab File: VL037161.D

Acq: 15 Jun 2021 19:49

Tgt Ion: 84 Resp: 583186

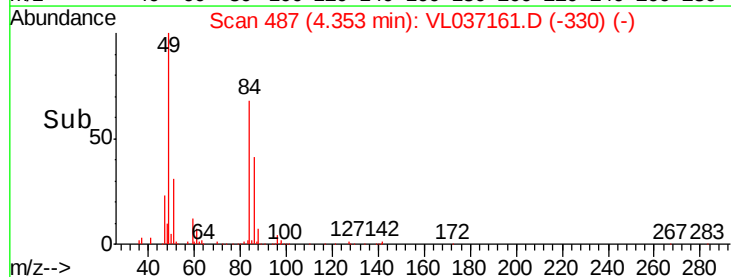
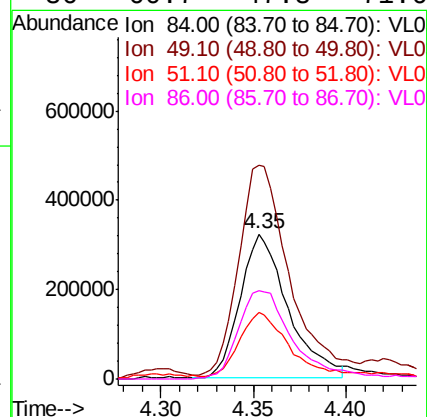
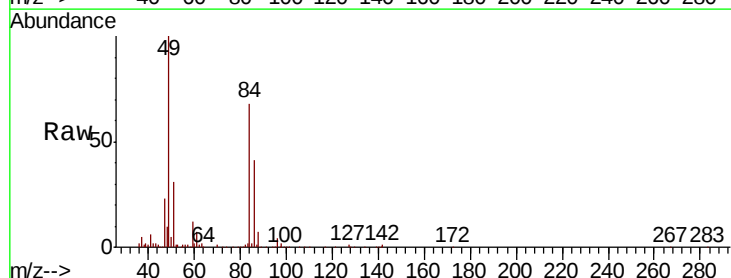
Ion Ratio Lower Upper

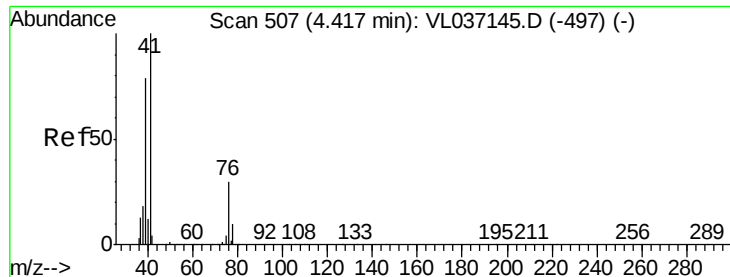
84 100

49 144.9 115.3 172.9

51 44.0 34.2 51.4

86 60.7 47.8 71.6





#21

Allvl Chloride

Concen: 7.426 ppbv

RT: 4.42 min Scan# 508

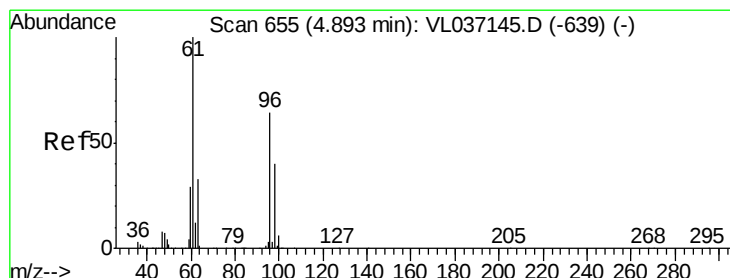
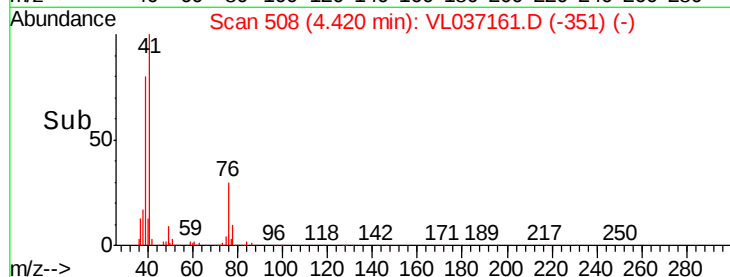
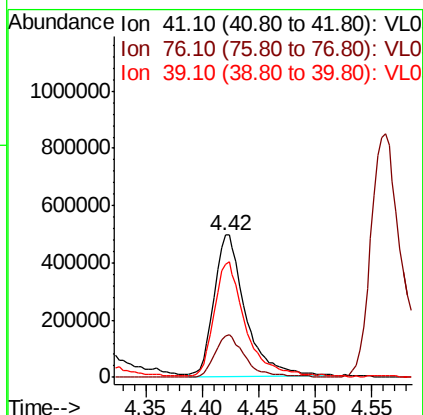
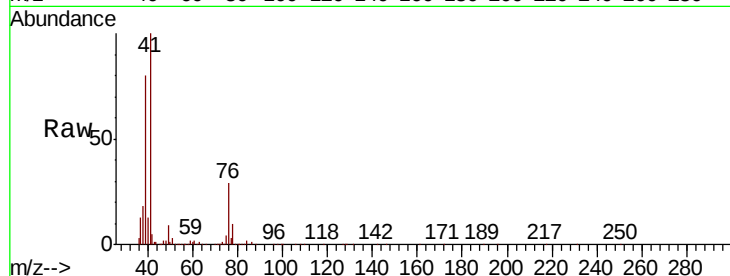
Delta R.T. 0.00 min

Lab File: VL037161.D

Acq: 15 Jun 2021 19:49

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:	41	Resp:	951776
Ion	Ratio	Lower	Upper
41	100		
76	29.9	25.2	37.8
39	81.4	66.2	99.2



#22

trans-1,2-Dichloroethene

Concen: 8.524 ppbv

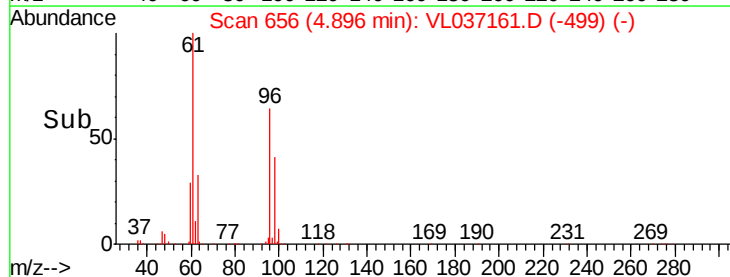
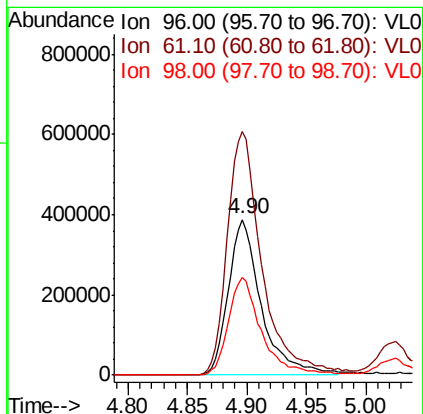
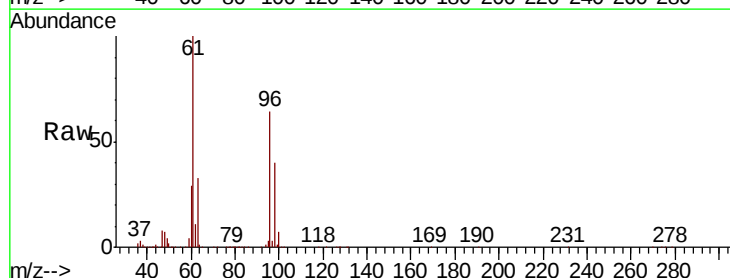
RT: 4.90 min Scan# 656

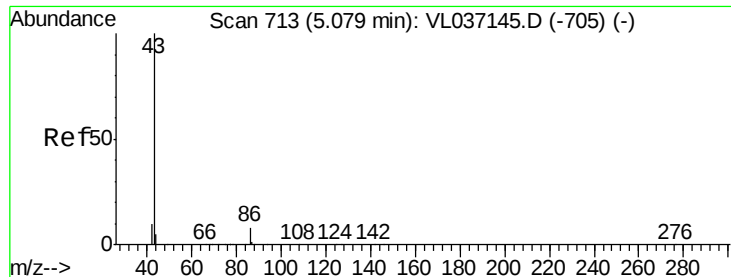
Delta R.T. 0.00 min

Lab File: VL037161.D

Acq: 15 Jun 2021 19:49

Tgt Ion:	96	Resp:	744601
Ion	Ratio	Lower	Upper
96	100		
61	156.2	125.3	187.9
98	63.1	50.3	75.5

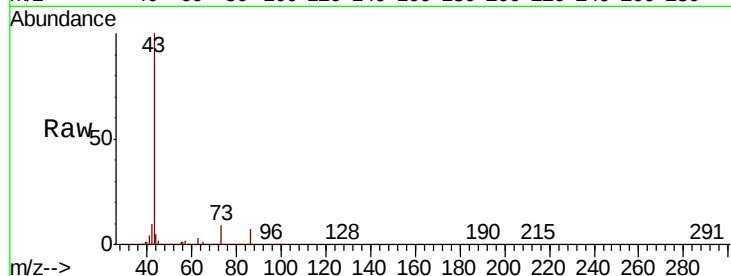




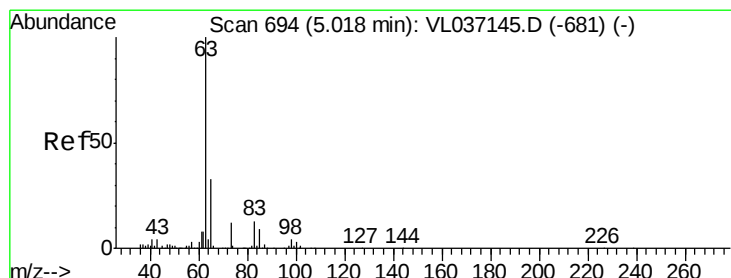
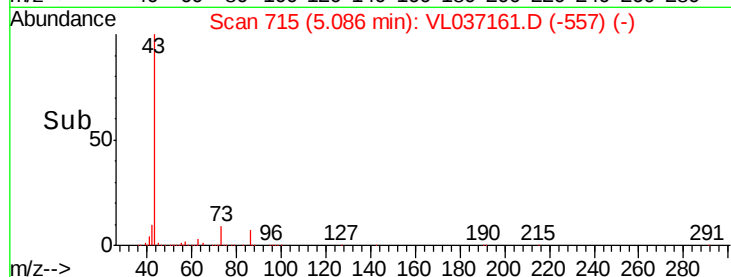
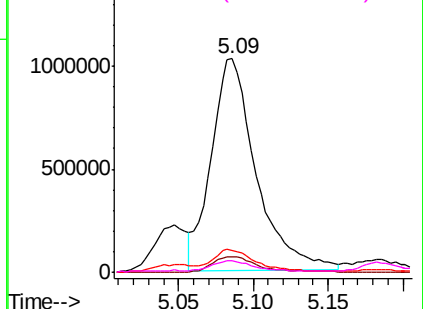
#23
 Vinyl Acetate
 Concen: 8.573 ppbv
 RT: 5.09 min Scan# 715
 Delta R.T. 0.01 min
 Lab File: VL037161.D
 Acq: 15 Jun 2021 19:49

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:	43	Resp:	2159838
Ion	Ratio	Lower	Upper
43	100		
86	7.3	5.4	8.2
42	10.2	8.6	12.8
44	4.9	3.8	5.6

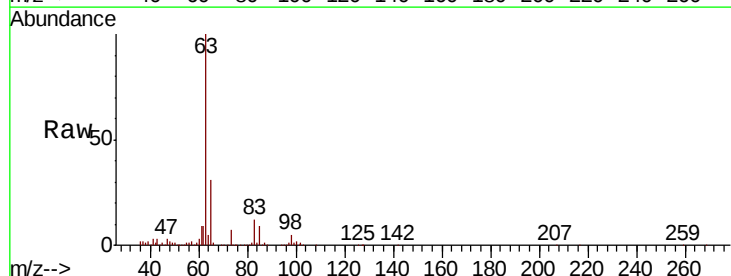


Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 86.10 (85.80 to 86.80): VL0
 Ion 42.10 (41.80 to 42.80): VL0
 Ion 44.10 (43.80 to 44.80): VL0

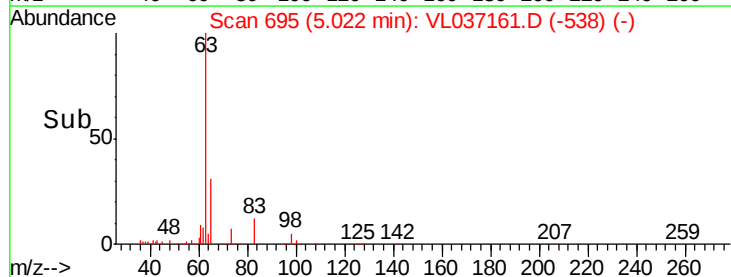
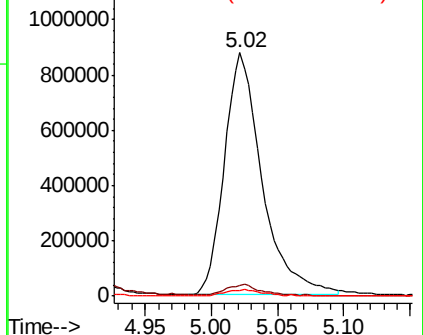


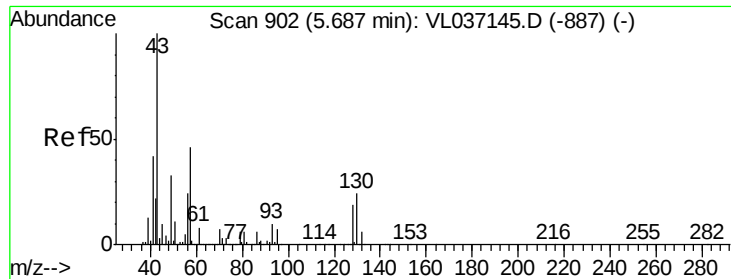
#24
 1,1-Dichloroethane
 Concen: 8.579 ppbv
 RT: 5.02 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: VL037161.D
 Acq: 15 Jun 2021 19:49

Tgt Ion:	63	Resp:	1734440
Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.4	7.1
100	2.3	1.6	4.8



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

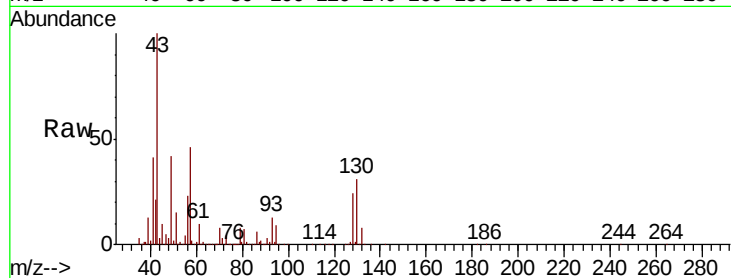




#25
Ethyl Acetate
Concen: 8.114 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.00 min
Lab File: VL037161.D
Acq: 15 Jun 2021 19:49

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:	43	Resp:	3049922
Ion	Ratio	Lower	Upper
43	100		
45	9.7	7.8	11.8
61	9.1	7.5	11.3
70	6.7	5.7	8.5



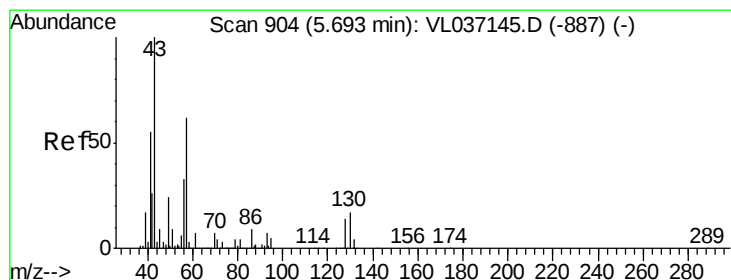
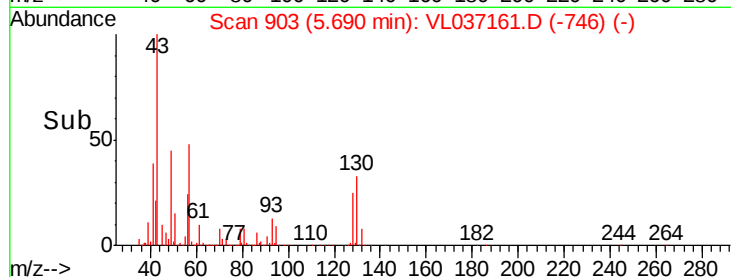
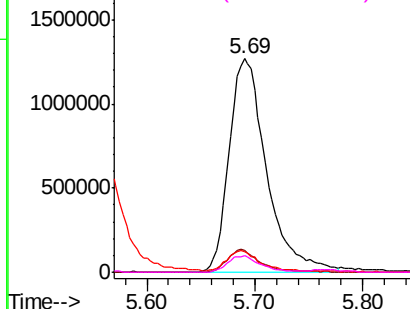
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

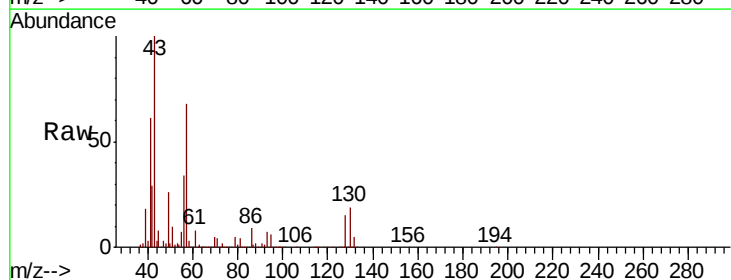
Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 8.080 ppbv
RT: 5.70 min Scan# 906
Delta R.T. 0.01 min
Lab File: VL037161.D
Acq: 15 Jun 2021 19:49

Tgt Ion:	57	Resp:	1510533
Ion	Ratio	Lower	Upper
57	100		
41	92.8	73.6	110.4
43	206.8	168.8	253.2
56	52.8	42.3	63.5



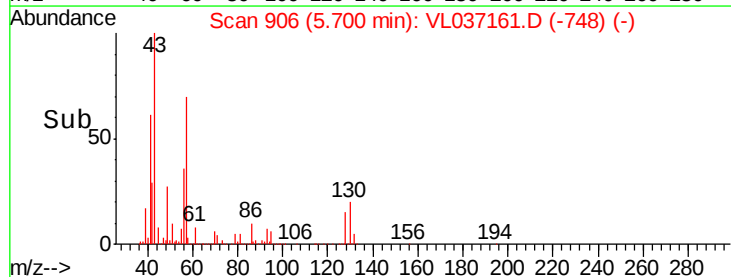
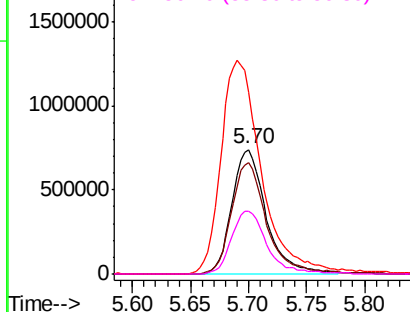
Abundance

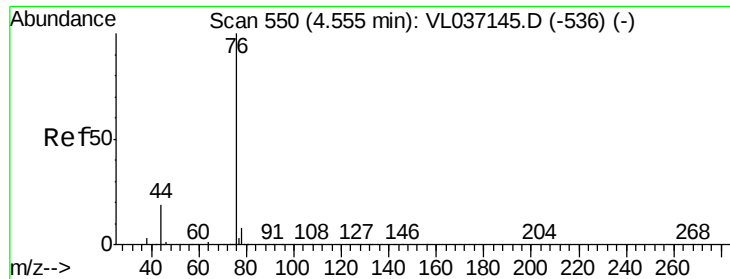
Ion 57.10 (56.80 to 57.80): VL0

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: 8.840 ppbv

RT: 4.56 min Scan# 552

Delta R.T. 0.01 min

Lab File: VL037161.D

Acq: 15 Jun 2021 19:49

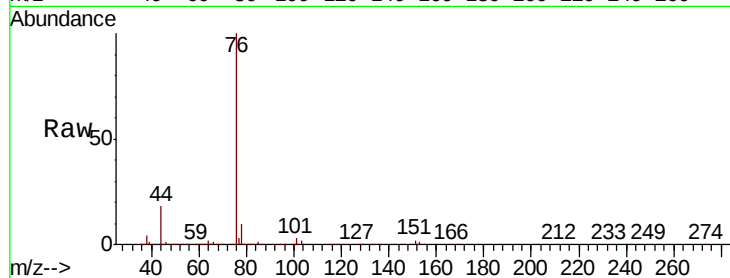
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 76 Resp: 1675427

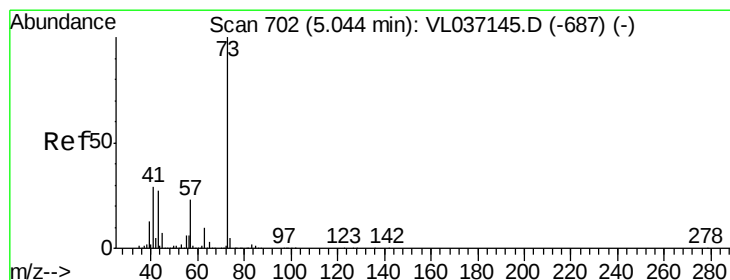
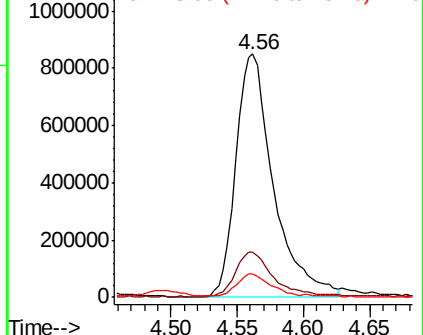
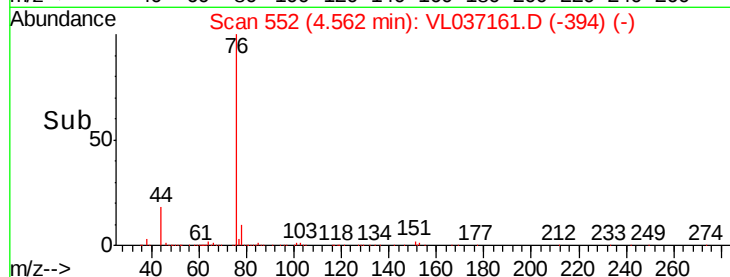
Ion	Ratio	Lower	Upper
76	100		
44	19.1	15.6	23.4
78	10.1	7.6	11.4



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 8.077 ppbv

RT: 5.05 min Scan# 703

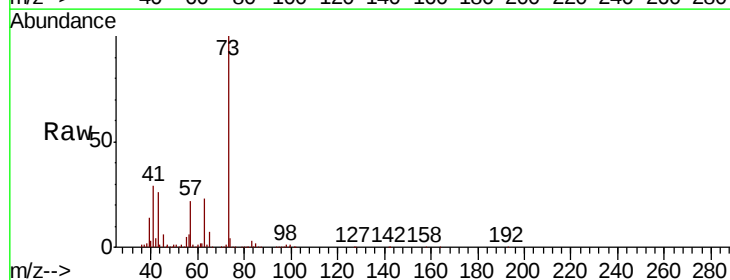
Delta R.T. 0.00 min

Lab File: VL037161.D

Acq: 15 Jun 2021 19:49

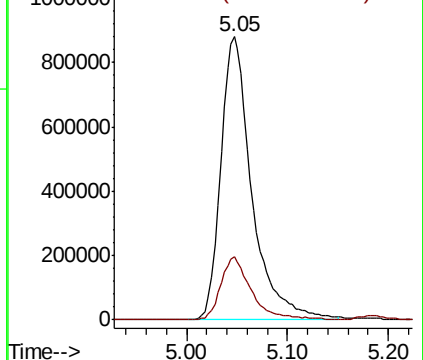
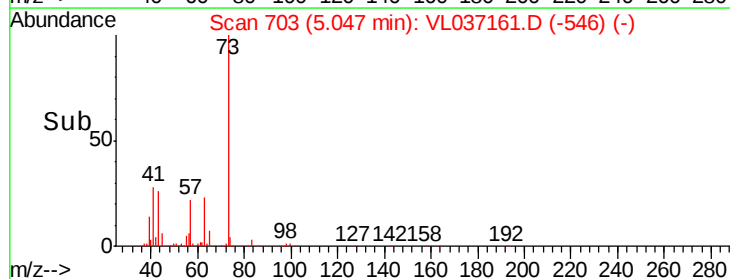
Tgt Ion: 73 Resp: 1891120

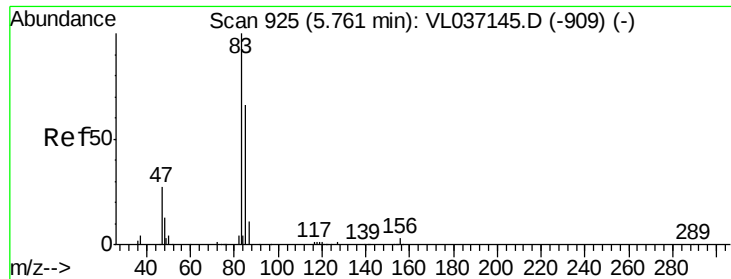
Ion	Ratio	Lower	Upper
73	100		
57	22.2	18.2	27.4



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

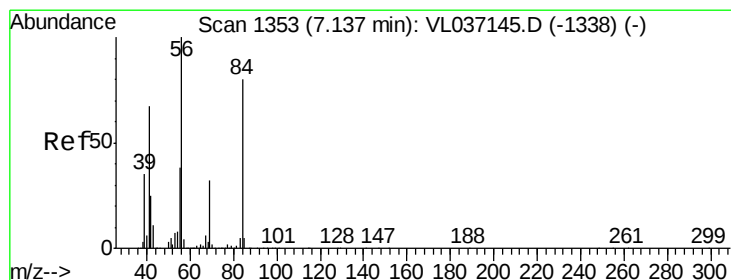
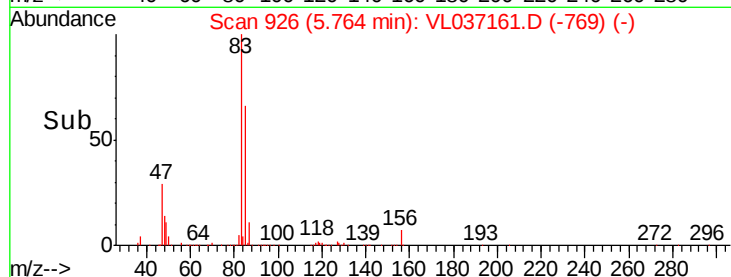
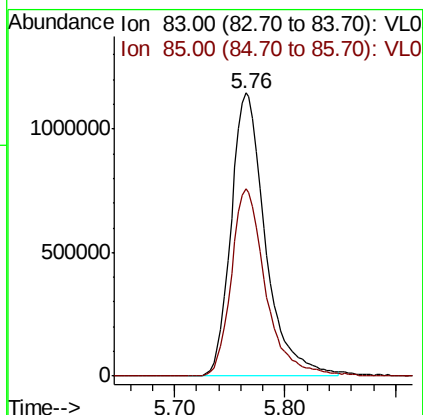
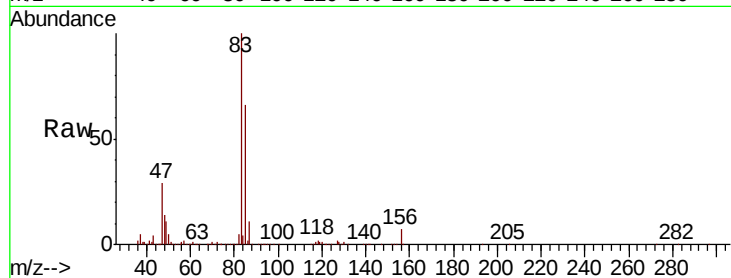




#29
Chloroform
Concen: 8.203 ppbv
RT: 5.76 min Scan# 926
Delta R.T. 0.00 min
Lab File: VL037161.D
Acq: 15 Jun 2021 19:49

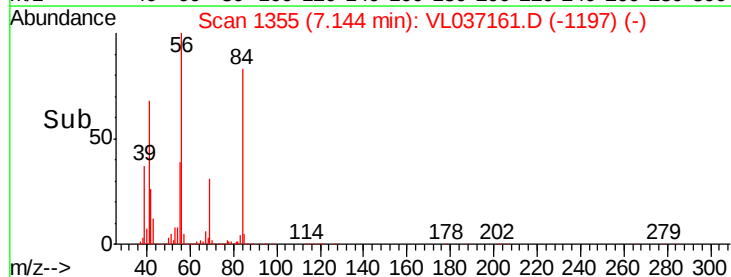
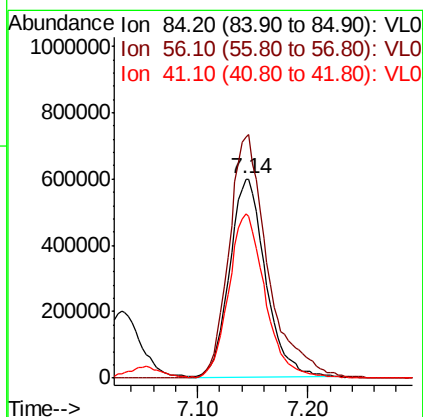
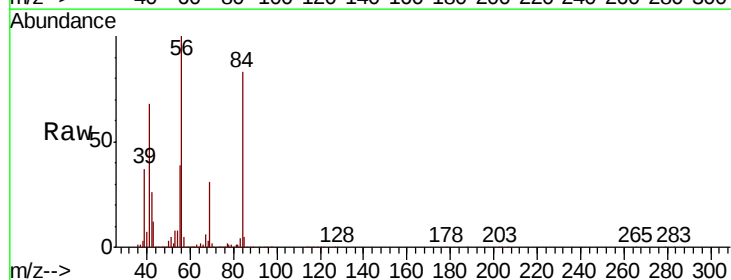
Instrument :
MSVOA_L
ClientSampleId :

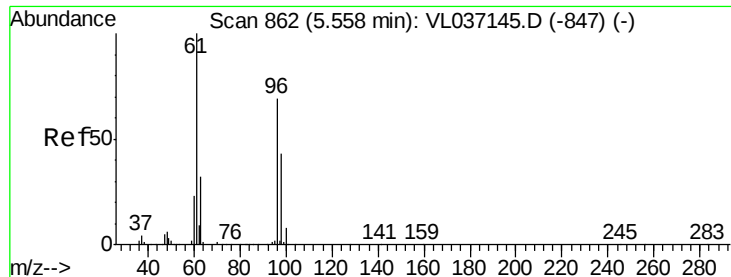
Tot Ion: 83 Resp: 2475683
Ion Ratio Lower Upper
83 100
85 66.0 52.6 78.8



#30
Cyclohexane
Concen: 8.270 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. 0.01 min
Lab File: VL037161.D
Acq: 15 Jun 2021 19:49

Tgt Ion: 84 Resp: 1347867
Ion Ratio Lower Upper
84 100
56 133.2 103.9 155.9
41 83.2 66.5 99.7



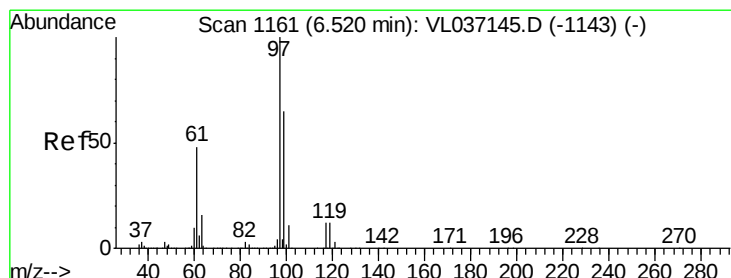
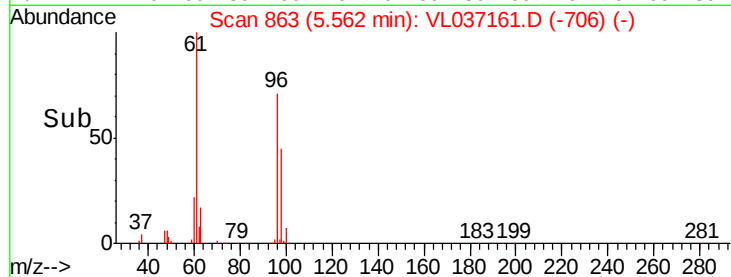
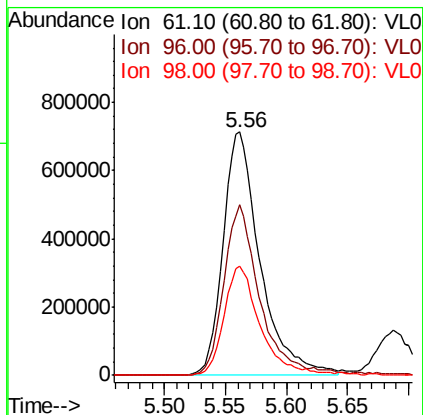
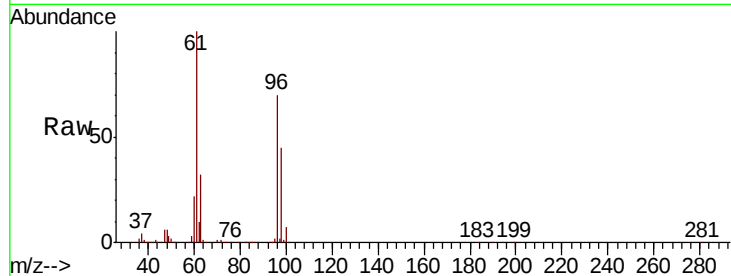


#31

cis-1,2-Dichloroethene
Concen: 8.362 ppbv
RT: 5.56 min Scan# 863
Delta R.T. 0.00 min
Lab File: VL037161.D
Acq: 15 Jun 2021 19:49

Instrument :
MSVOA_L
ClientSampleId :

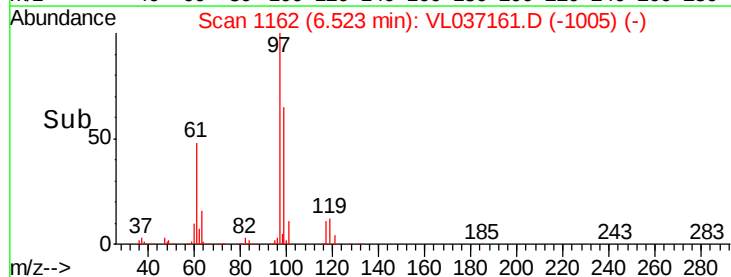
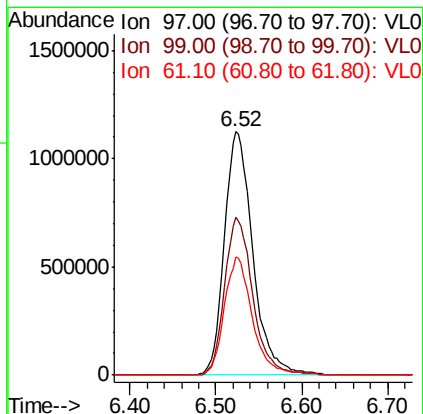
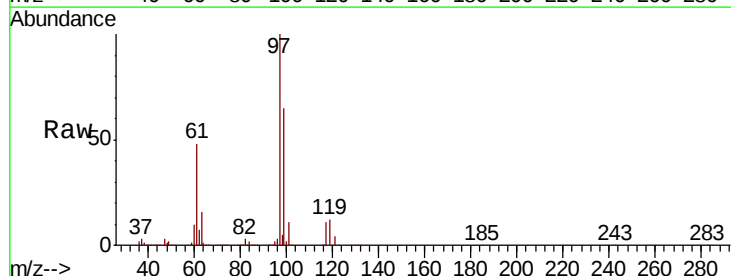
Tot Ion: 61 Resp: 1506537
Ion Ratio Lower Upper
61 100
96 69.8 55.3 82.9
98 44.9 34.7 52.1

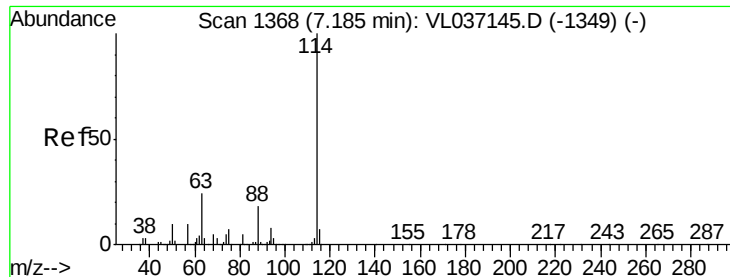


#32

1,1,1-Trichloroethane
Concen: 9.325 ppbv
RT: 6.52 min Scan# 1162
Delta R.T. 0.00 min
Lab File: VL037161.D
Acq: 15 Jun 2021 19:49

Tgt Ion: 97 Resp: 2584169
Ion Ratio Lower Upper
97 100
99 64.6 52.4 78.6
61 48.2 38.5 57.7

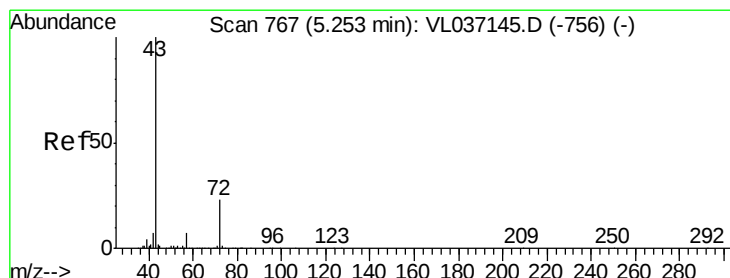
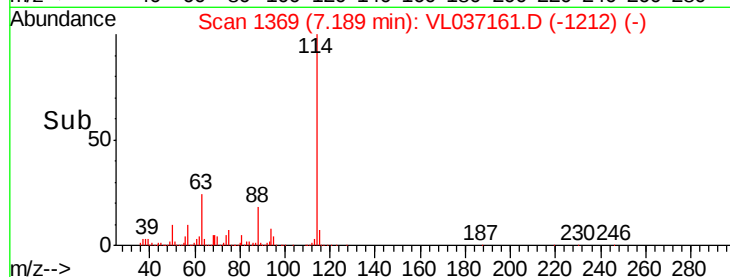
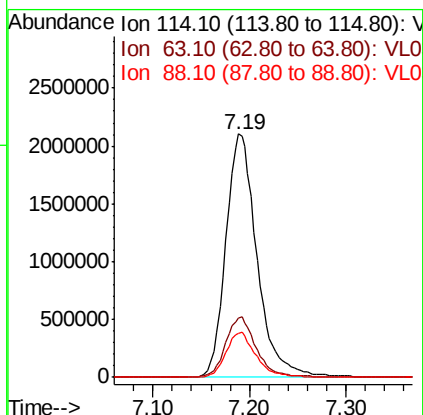
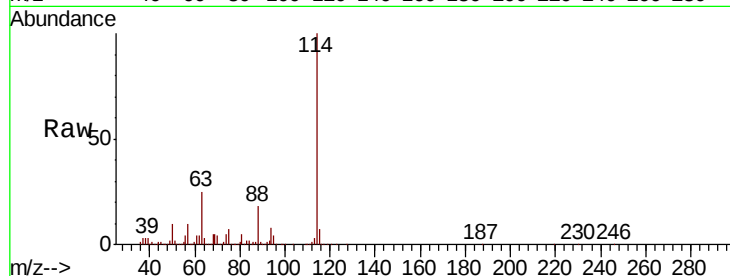




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VL037161.D
 Acq: 15 Jun 2021 19:49

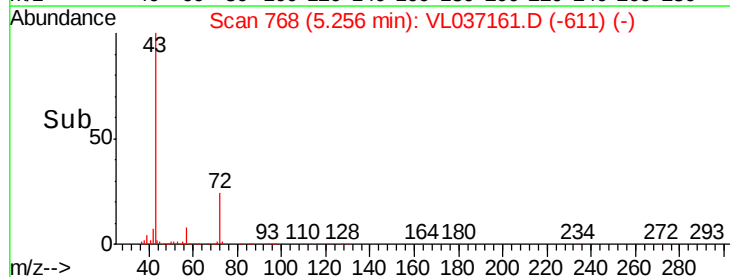
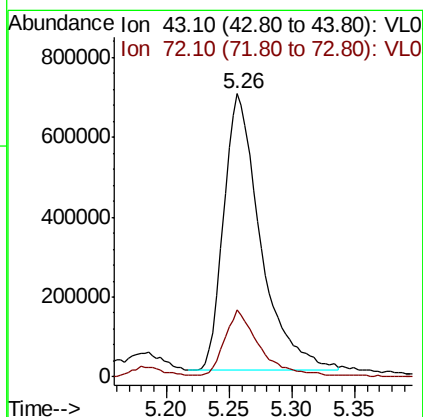
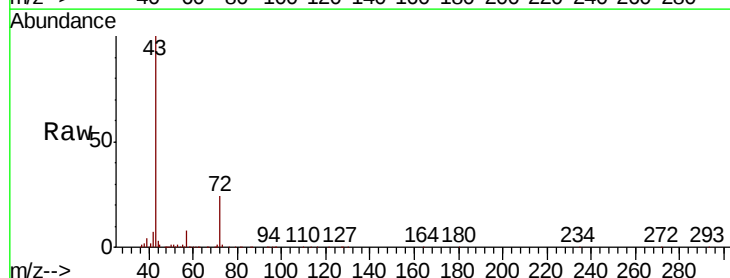
Instrument :
 MSVOA_L
 ClientSampleId :

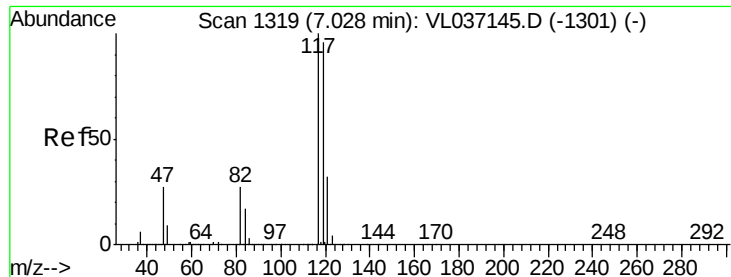
Tot Ion:114 Resp: 4704668
 Ion Ratio Lower Upper
 114 100
 63 24.5 19.8 29.6
 88 17.9 14.3 21.5



#34
 2-Butanone
 Concen: 8.008 ppbv
 RT: 5.26 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VL037161.D
 Acq: 15 Jun 2021 19:49

Tgt Ion: 43 Resp: 1415000
 Ion Ratio Lower Upper
 43 100
 72 23.7 18.6 28.0





#35

Carbon Tetrachloride

Concen: 9.322 ppbv

RT: 7.03 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VL037161.D

Acq: 15 Jun 2021 19:49

Instrument :

MSVOA_L

ClientSampleId :

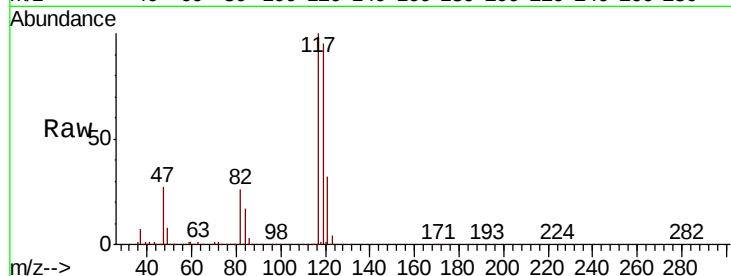
Tot Ion:117 Resp: 2696072

Ion Ratio Lower Upper

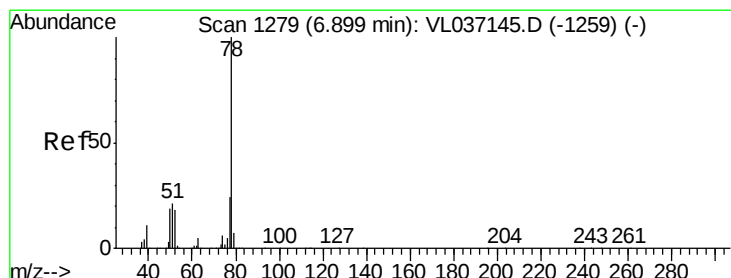
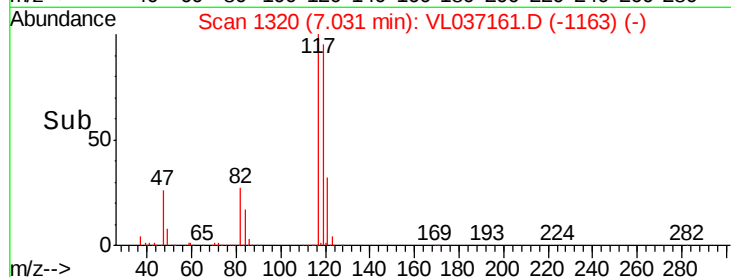
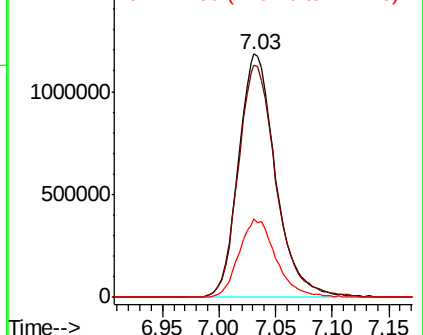
117 100

119 95.3 77.0 115.4

121 32.1 25.4 38.0



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



#36

Benzene

Concen: 8.536 ppbv

RT: 6.91 min Scan# 1281

Delta R.T. 0.01 min

Lab File: VL037161.D

Acq: 15 Jun 2021 19:49

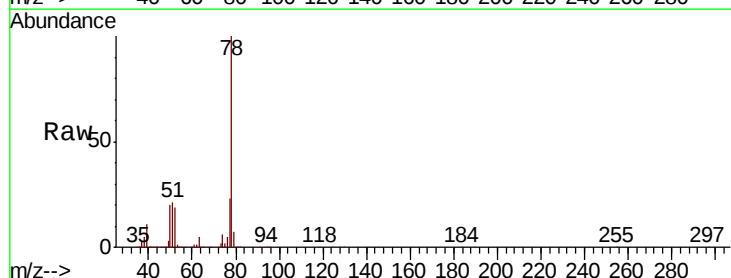
Tgt Ion: 78 Resp: 3186533

Ion Ratio Lower Upper

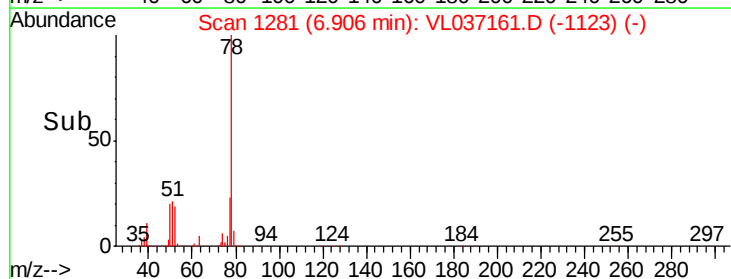
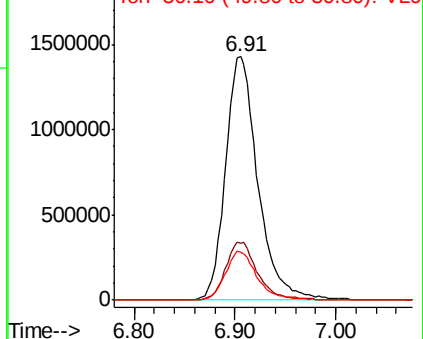
78 100

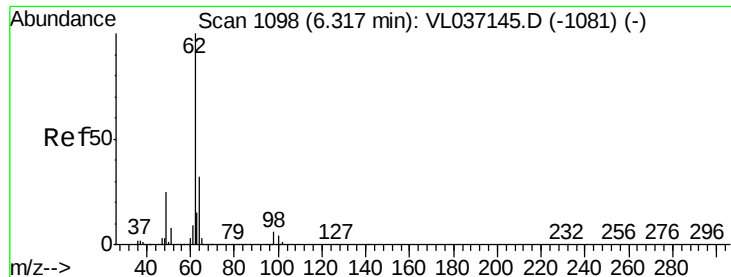
77 23.5 19.5 29.3

50 19.6 15.5 23.3



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

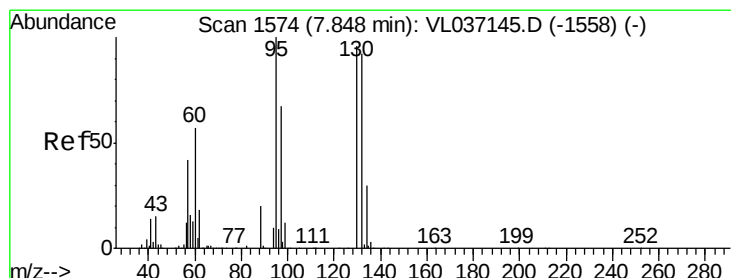
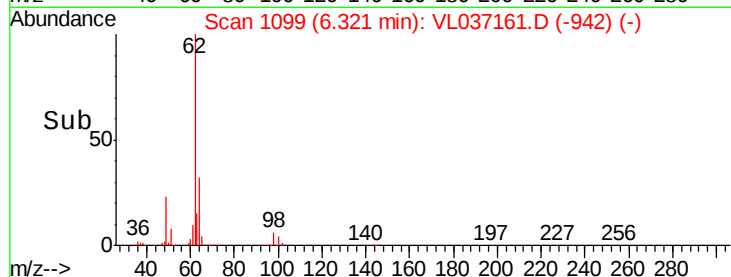
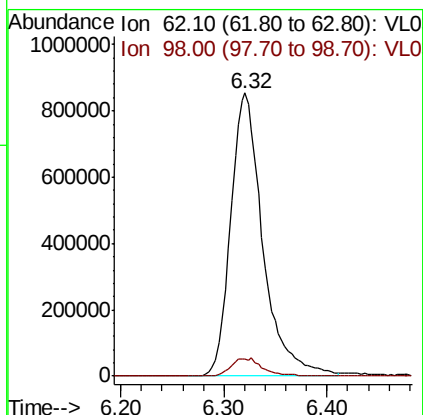
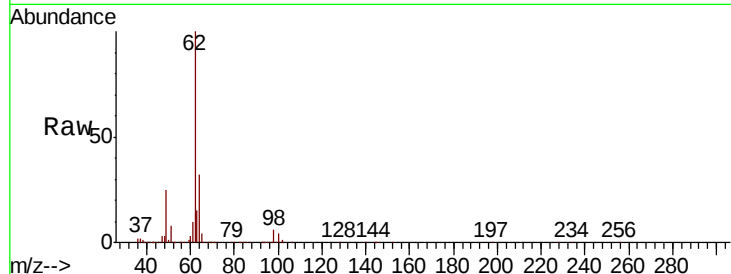




#37
 1,2-Dichloroethane
 Concen: 8.562 ppbv
 RT: 6.32 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: VL037161.D
 Acq: 15 Jun 2021 19:49

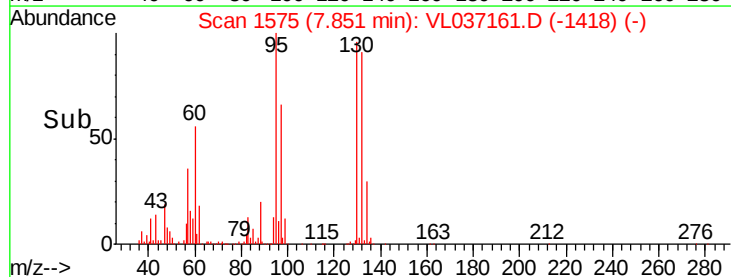
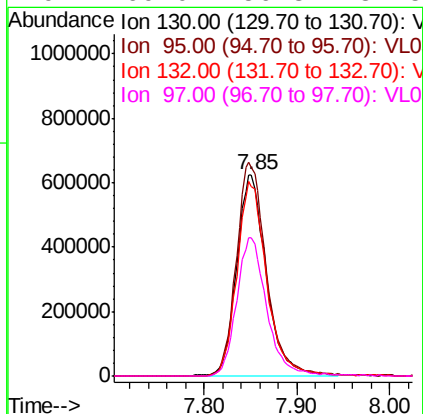
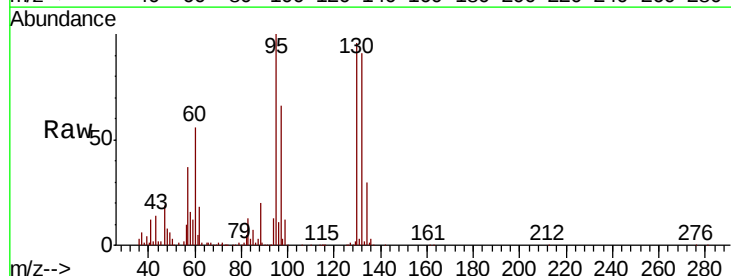
Instrument :
 MSVOA_L
 ClientSampleId :

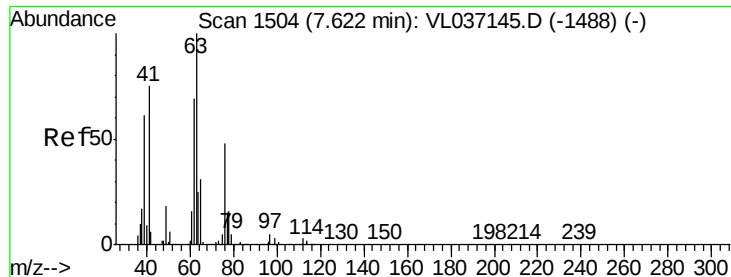
Tot Ion: 62 Resp: 1855942
 Ion Ratio Lower Upper
 62 100
 98 6.5 5.1 7.7



#38
 Trichloroethene
 Concen: 8.551 ppbv
 RT: 7.85 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: VL037161.D
 Acq: 15 Jun 2021 19:49

Tgt Ion: 130 Resp: 1379454
 Ion Ratio Lower Upper
 130 100
 95 104.1 83.5 125.3
 132 94.4 76.8 115.2
 97 69.0 56.3 84.5





#39

1,2-Dichloropropane

Concen: 8.571 ppbv

RT: 7.63 min Scan# 1506

Delta R.T. 0.01 min

Lab File: VL037161.D

Acq: 15 Jun 2021 19:49

Instrument :

MSVOA_L

ClientSampleId :

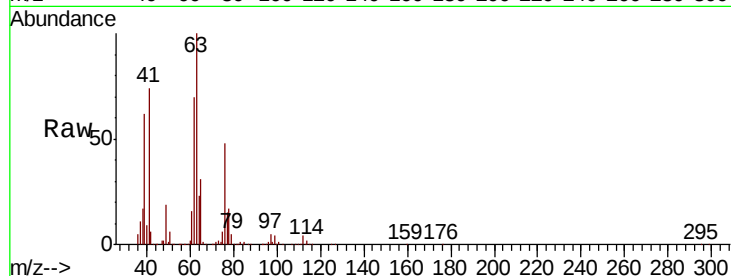
Tot Ion: 63 Resp: 1221574

Ion Ratio Lower Upper

63 100

41 73.5 60.0 90.0

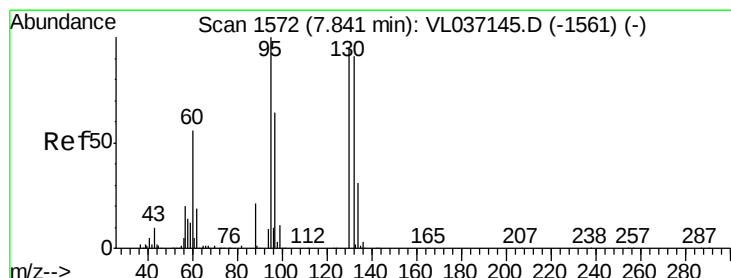
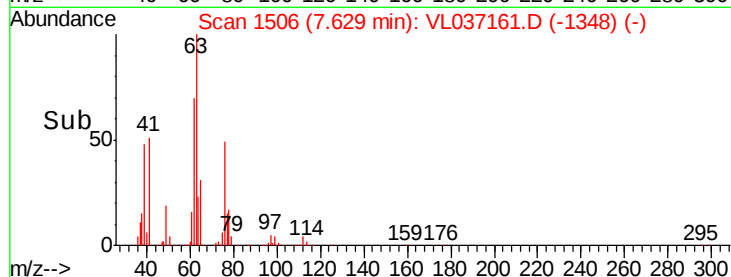
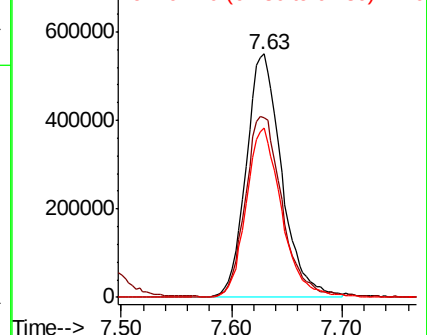
62 69.5 55.4 83.0



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: 7.944 ppbv

RT: 7.85 min Scan# 1575

Delta R.T. 0.01 min

Lab File: VL037161.D

Acq: 15 Jun 2021 19:49

Tgt Ion: 88 Resp: 317048

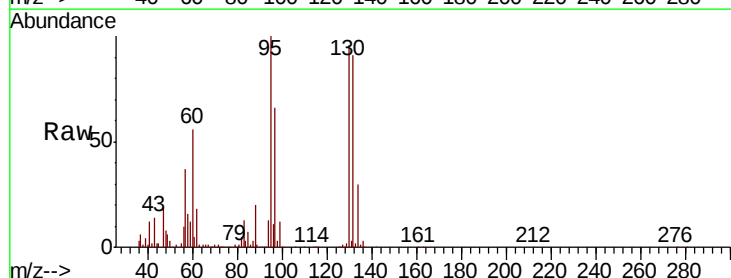
Ion Ratio Lower Upper

88 100

58 0.0 115.6 173.4#

43 0.0 278.3 417.5#

57 0.0 1207.4 1811.0#

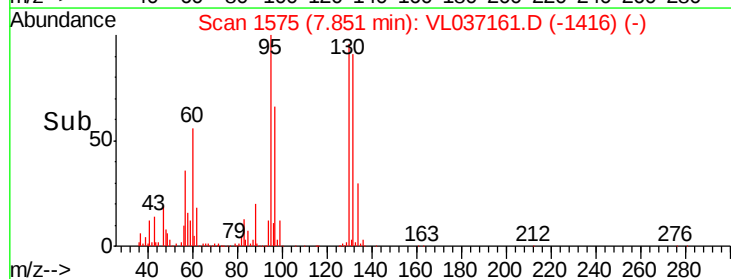
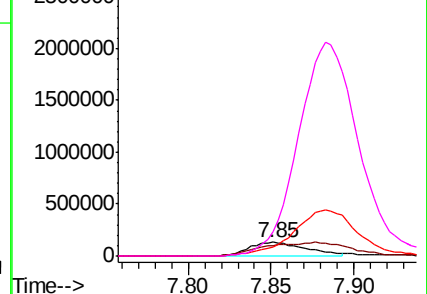


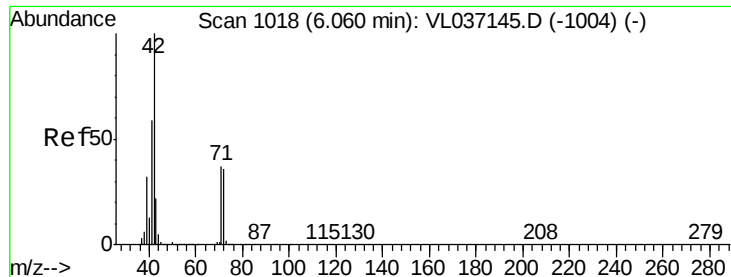
Abundance Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

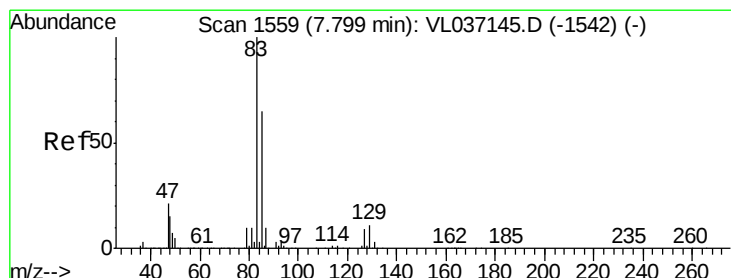
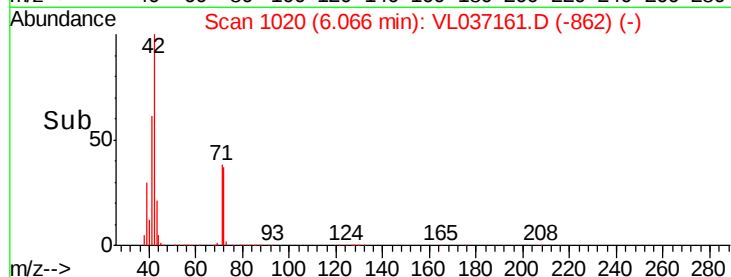
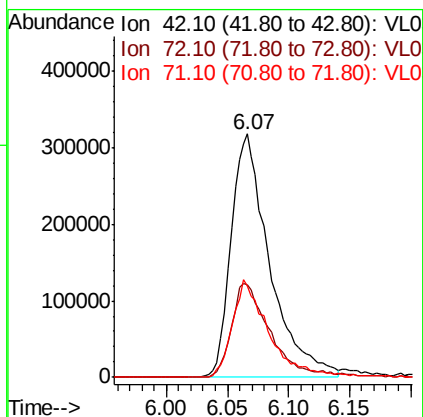
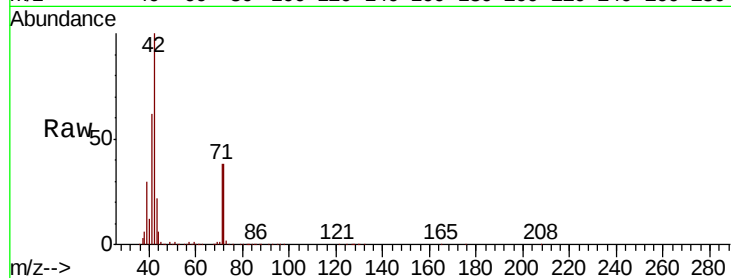




#41
Tetrahydrofuran
Concen: 8.089 ppbv
RT: 6.07 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VL037161.D
Acq: 15 Jun 2021 19:49

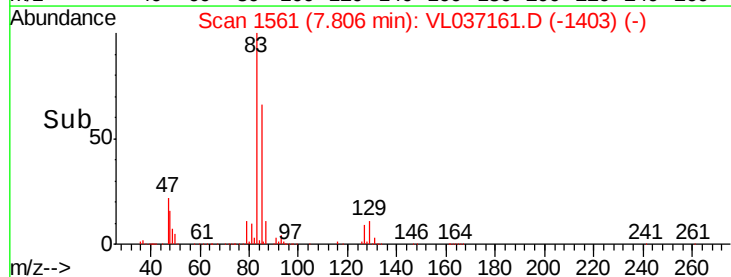
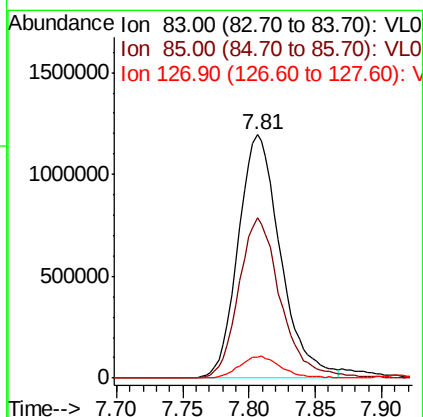
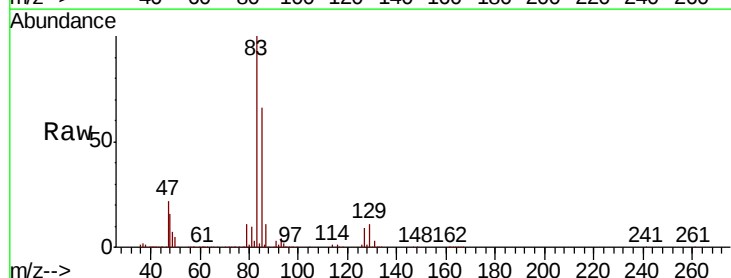
Instrument :
MSVOA_L
ClientSampleId :

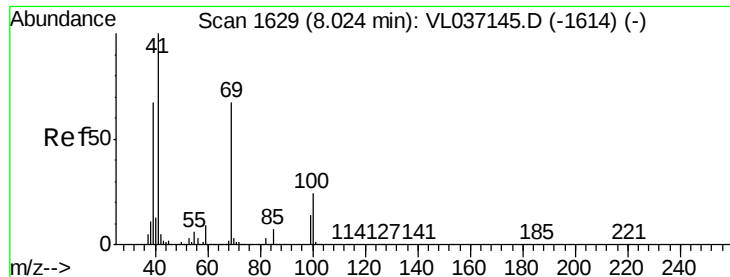
Tot Ion: 42 Resp: 695535
Ion Ratio Lower Upper
42 100
72 39.9 31.7 47.5
71 38.5 31.0 46.6



#42
Bromodichloromethane
Concen: 8.864 ppbv
RT: 7.81 min Scan# 1561
Delta R.T. 0.01 min
Lab File: VL037161.D
Acq: 15 Jun 2021 19:49

Tgt Ion: 83 Resp: 2647474
Ion Ratio Lower Upper
83 100
85 65.9 51.7 77.5
127 8.8 7.4 11.0





#43

Methyl Methacrylate

Concen: 9.498 ppbv

RT: 8.03 min Scan# 1630

Delta R.T. 0.00 min

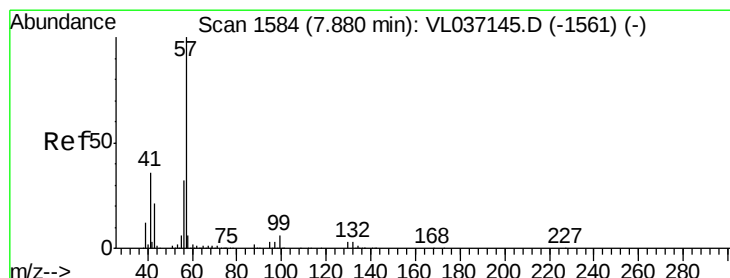
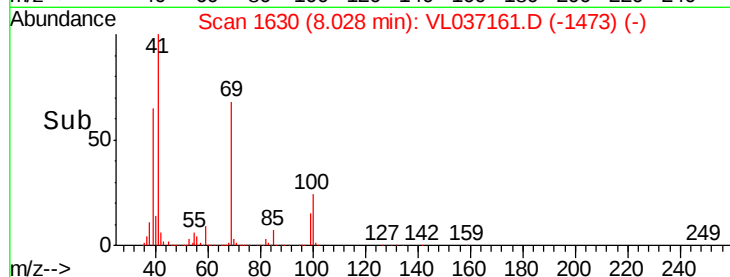
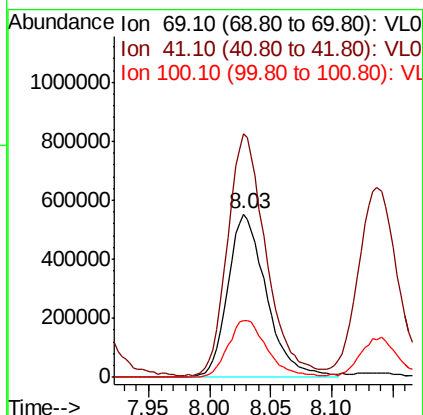
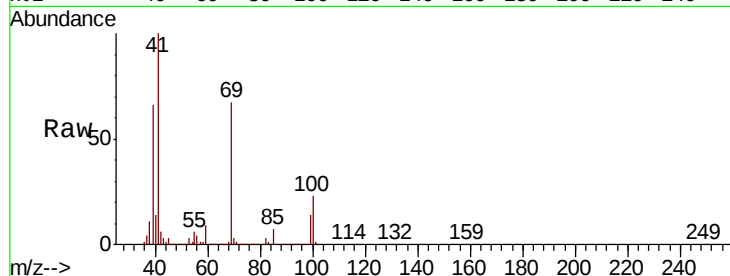
Lab File: VL037161.D

Acq: 15 Jun 2021 19:49

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 69 Resp: 1216474

Ion	Ratio	Lower	Upper
69	100		
41	149.3	117.7	176.5
100	35.4	27.9	41.9



#44

2,2,4-Trimethylpentane

Concen: 8.448 ppbv

RT: 7.88 min Scan# 1585

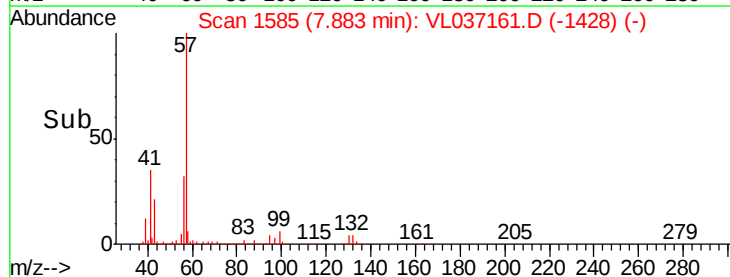
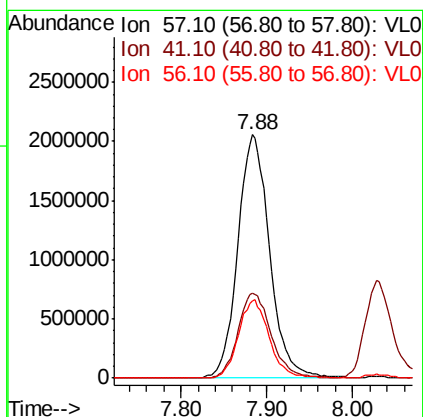
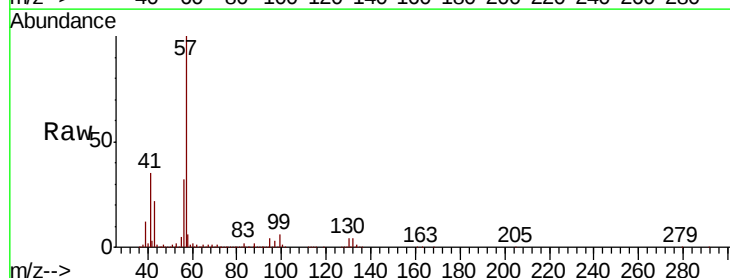
Delta R.T. 0.00 min

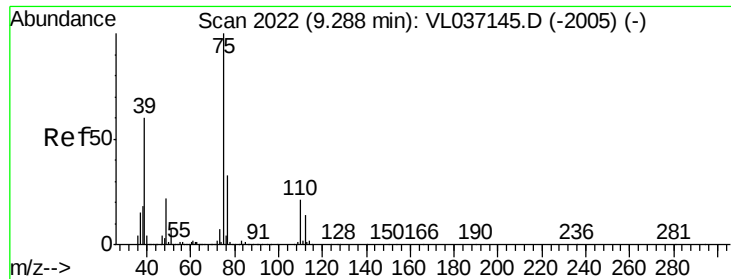
Lab File: VL037161.D

Acq: 15 Jun 2021 19:49

Tgt Ion: 57 Resp: 5278816

Ion	Ratio	Lower	Upper
57	100		
41	36.2	28.1	42.1
56	31.2	25.4	38.2

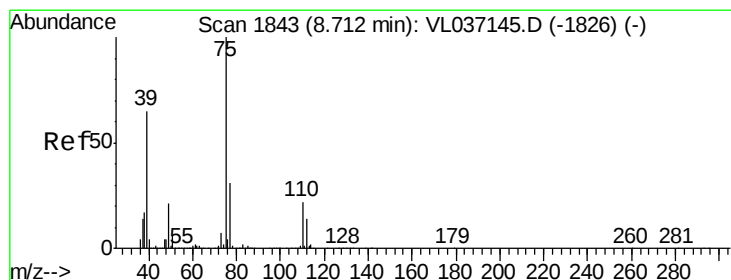
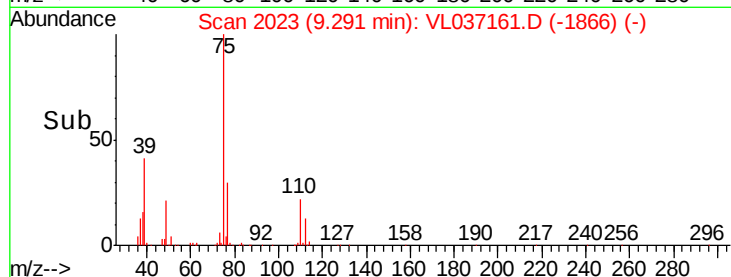
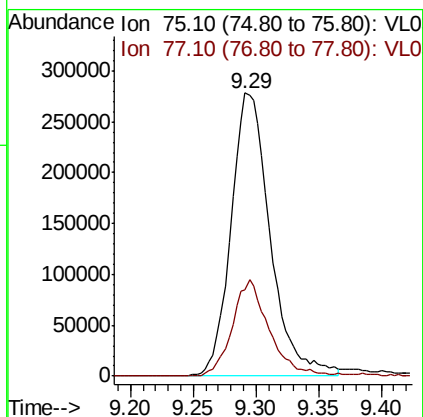
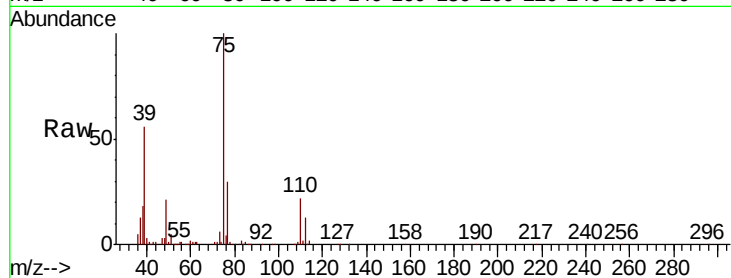




#45
t-1,3-Dichloropropene
Concen: 5.182 ppbv
RT: 9.29 min Scan# 2023
Delta R.T. 0.00 min
Lab File: VL037161.D
Acq: 15 Jun 2021 19:49

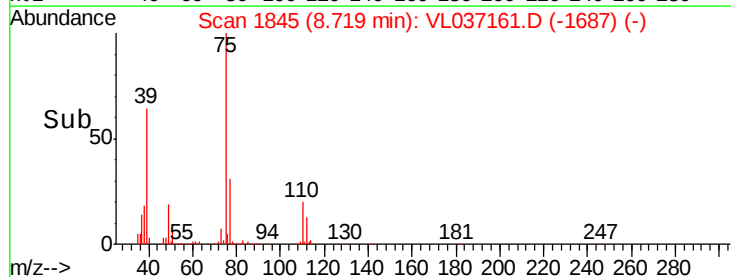
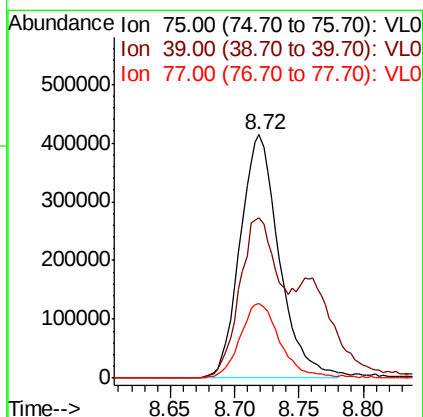
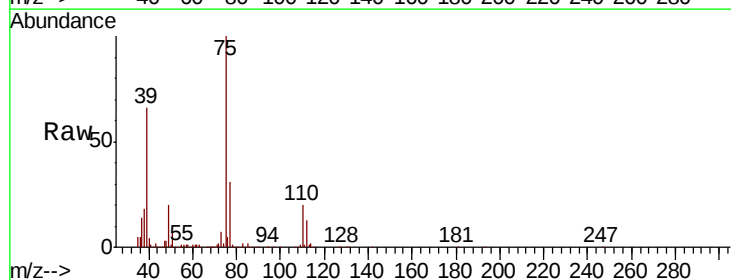
Instrument :
MSVOA_L
ClientSampleId :

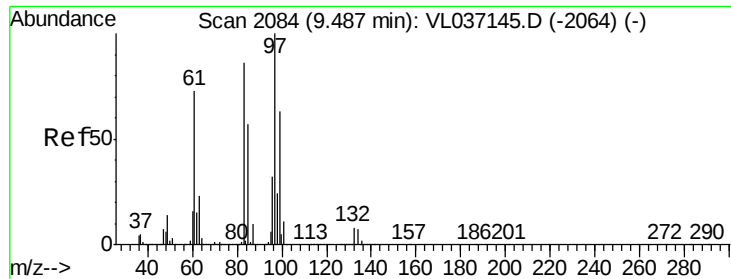
Tot Ion: 75 Resp: 598027
Ion Ratio Lower Upper
75 100
77 30.4 26.2 39.2



#46
cis-1,3-Dichloropropene
Concen: 5.673 ppbv
RT: 8.72 min Scan# 1845
Delta R.T. 0.01 min
Lab File: VL037161.D
Acq: 15 Jun 2021 19:49

Tgt Ion: 75 Resp: 873577
Ion Ratio Lower Upper
75 100
39 65.6 52.2 78.4
77 30.6 24.5 36.7



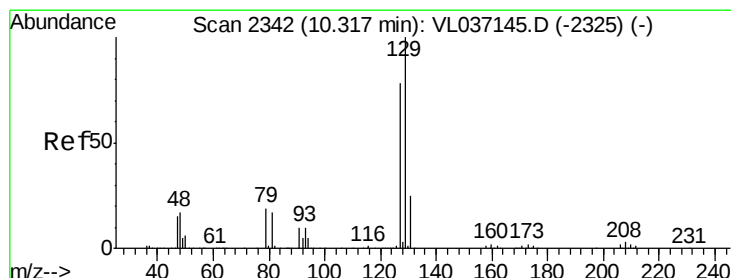
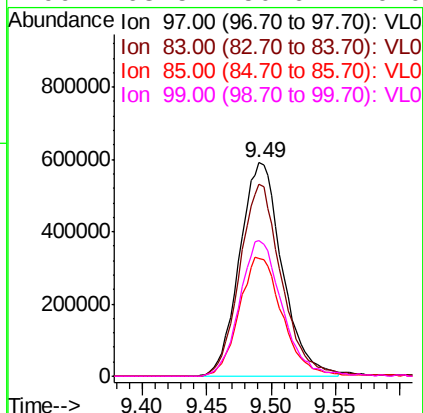
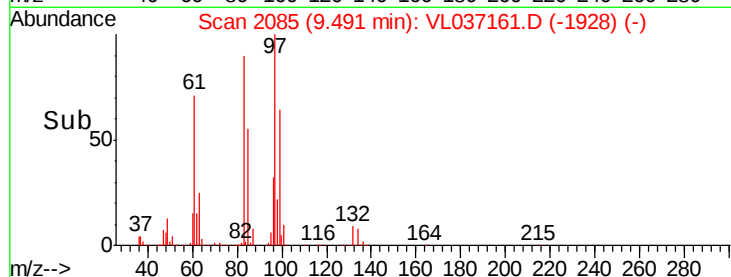
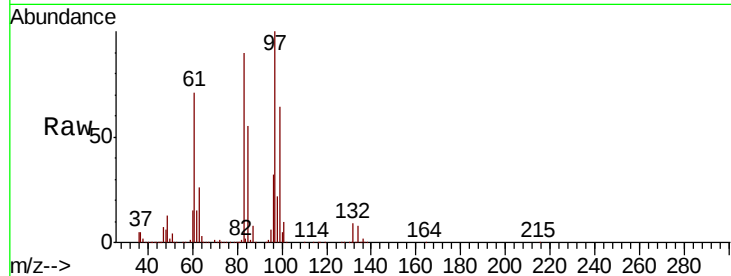


#47
 1,1,2-Trichloroethane
 Concen: 8.425 ppbv
 RT: 9.49 min Scan# 2085
 Delta R.T. 0.00 min
 Lab File: VL037161.D
 Acq: 15 Jun 2021 19:49

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 97 Resp: 1361992

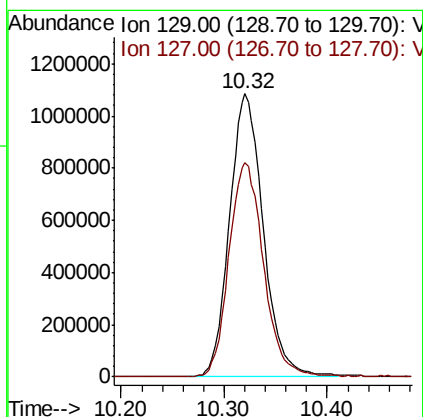
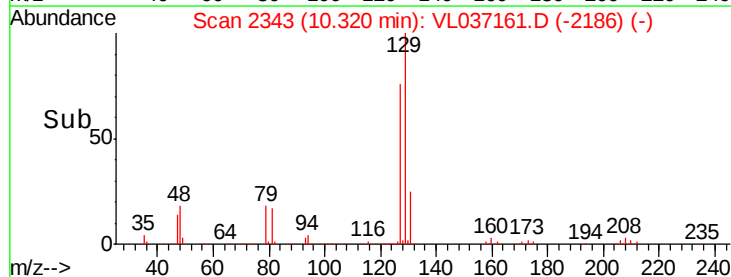
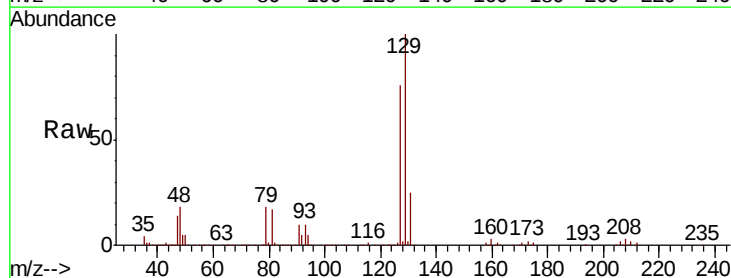
Ion	Ratio	Lower	Upper
97	100		
83	89.9	69.0	103.4
85	55.4	45.7	68.5
99	63.5	50.6	76.0

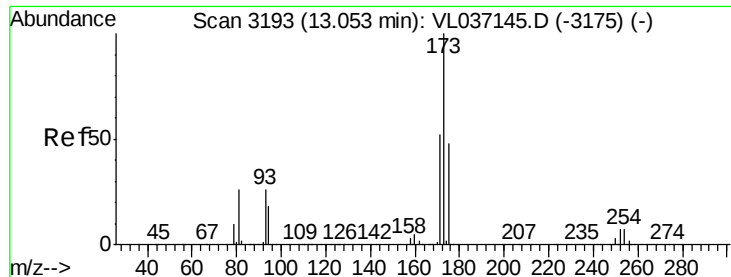


#48
 Dibromochloromethane
 Concen: 9.485 ppbv
 RT: 10.32 min Scan# 2343
 Delta R.T. 0.00 min
 Lab File: VL037161.D
 Acq: 15 Jun 2021 19:49

Tgt Ion: 129 Resp: 2473637

Ion	Ratio	Lower	Upper
129	100		
127	77.8	39.4	118.2





#49

Bromoform

Concen: 10.268 ppbv

RT: 13.06 min Scan# 3195

Delta R.T. 0.01 min

Lab File: VL037161.D

Acq: 15 Jun 2021 19:49

Instrument :

MSVOA_L

ClientSampleId :

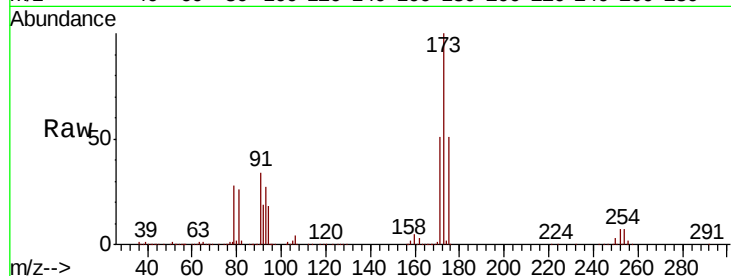
Tot Ion:173 Resp: 2092013

Ion Ratio Lower Upper

173 100

175 49.0 39.8 59.6

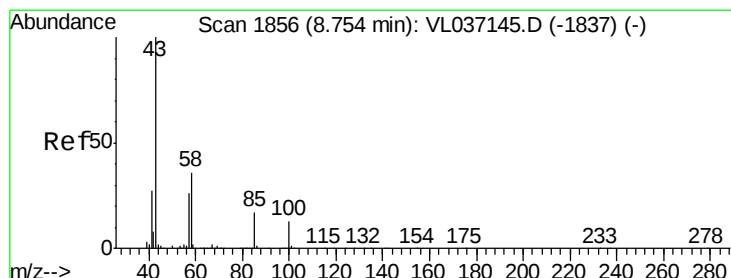
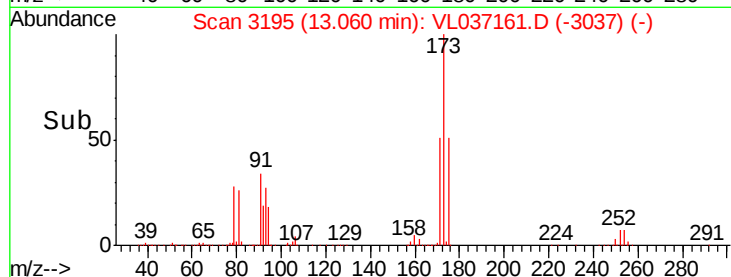
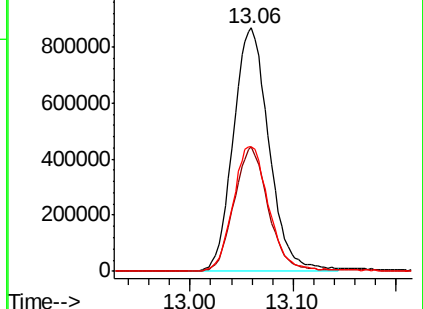
171 52.2 42.5 63.7



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: 8.649 ppbv

RT: 8.76 min Scan# 1858

Delta R.T. 0.01 min

Lab File: VL037161.D

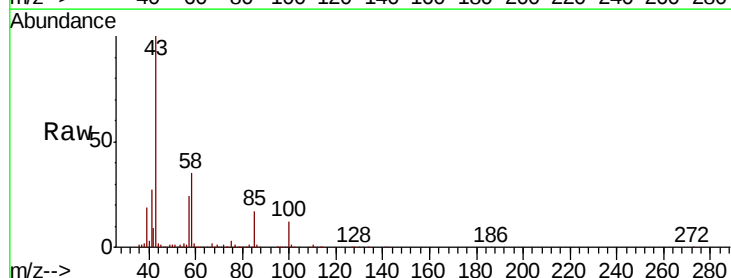
Acq: 15 Jun 2021 19:49

Tgt Ion: 43 Resp: 2247949

Ion Ratio Lower Upper

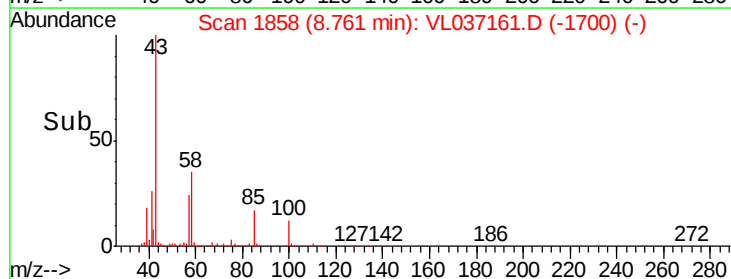
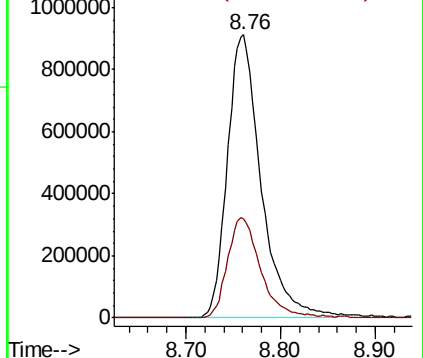
43 100

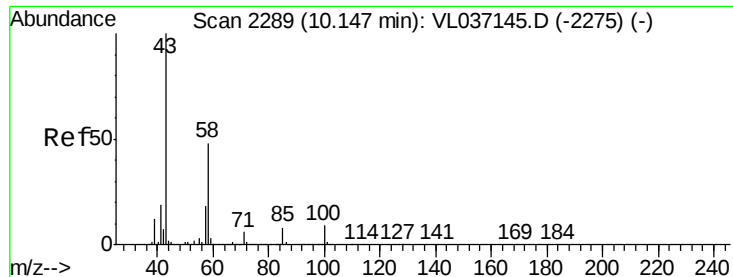
58 35.7 29.0 43.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

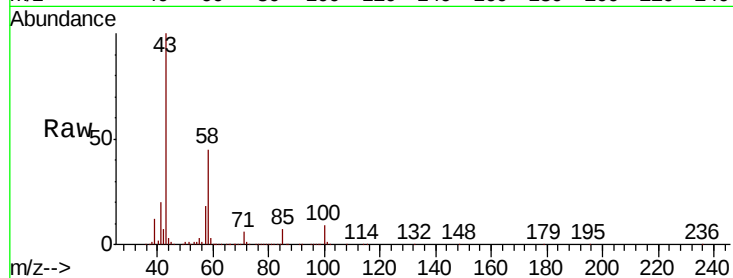




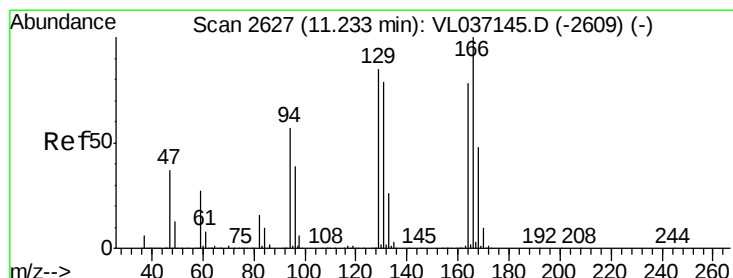
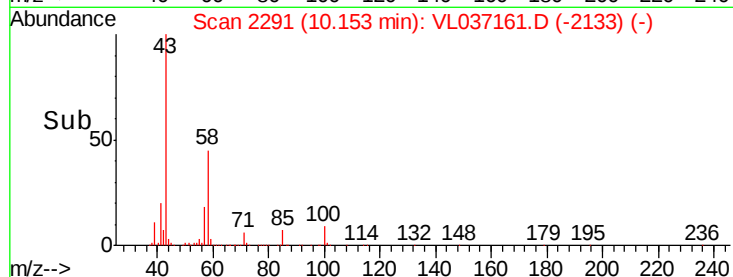
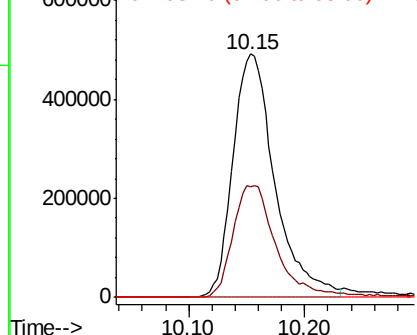
#51
2-Hexanone
Concen: 9.484 ppbv
RT: 10.15 min Scan# 2291
Delta R.T. 0.01 min
Lab File: VL037161.D
Acq: 15 Jun 2021 19:49

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 1230380
Ion Ratio Lower Upper
43 100
58 48.4 40.1 60.1
98 0.4 0.2 0.4#

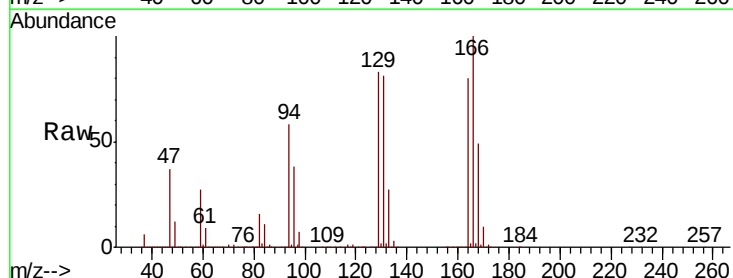


Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 98.20 (97.90 to 98.90): VL0

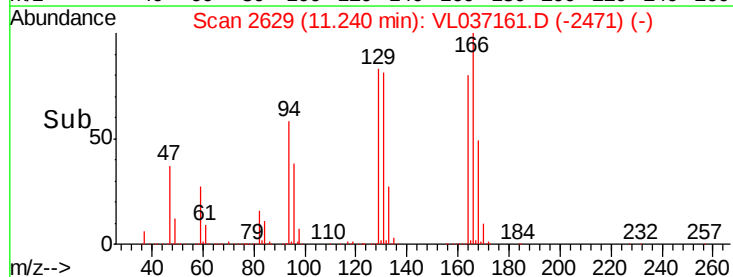
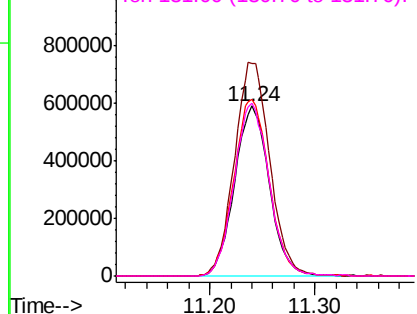


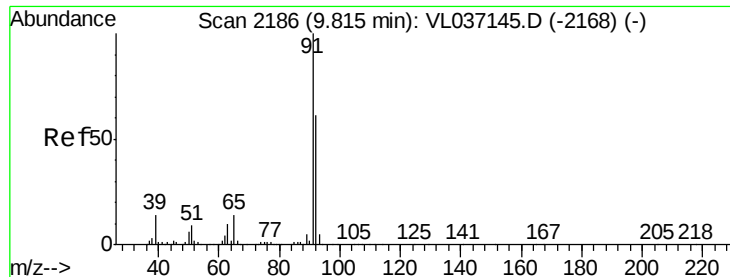
#52
Tetrachloroethene
Concen: 8.713 ppbv
RT: 11.24 min Scan# 2629
Delta R.T. 0.01 min
Lab File: VL037161.D
Acq: 15 Jun 2021 19:49

Tgt Ion:164 Resp: 1345221
Ion Ratio Lower Upper
164 100
166 125.6 102.6 154.0
129 104.2 87.4 131.2
131 101.5 81.4 122.2



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V





#53

Toluene

Concen: 8.725 ppbv

RT: 9.82 min Scan# 2188

Delta R.T. 0.01 min

Lab File: VL037161.D

Acq: 15 Jun 2021 19:49

Instrument :

MSVOA_L

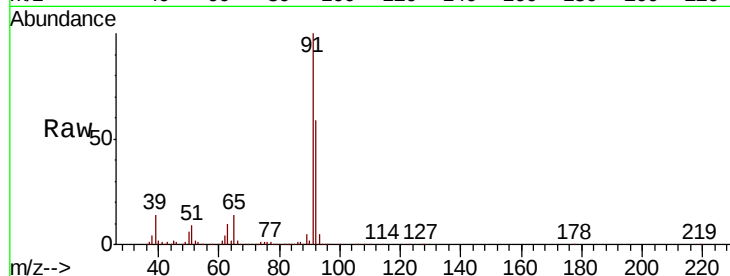
ClientSampleId :

Tot Ion: 91 Resp: 3871700

Ion Ratio Lower Upper

91 100

92 60.5 48.6 73.0



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

2000000

1500000

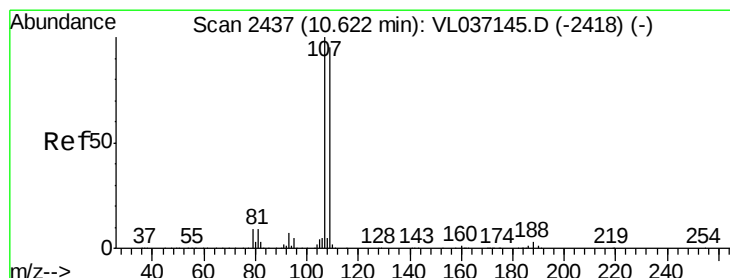
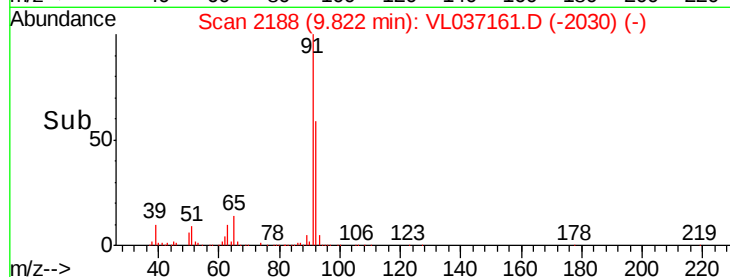
1000000

500000

0

9.70 9.80 9.90

Time-->



#54

1,2-Dibromoethane

Concen: 8.317 ppbv

RT: 10.63 min Scan# 2438

Delta R.T. 0.00 min

Lab File: VL037161.D

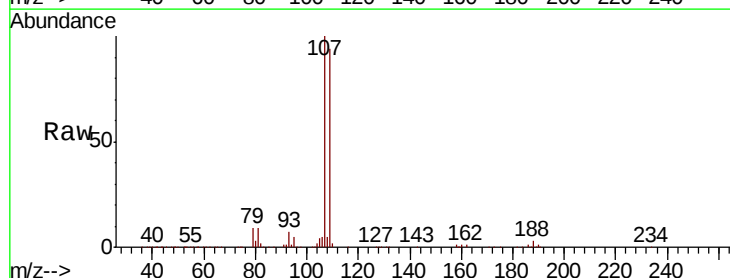
Acq: 15 Jun 2021 19:49

Tgt Ion: 107 Resp: 1968903

Ion Ratio Lower Upper

107 100

109 94.3 75.6 113.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

1000000

800000

600000

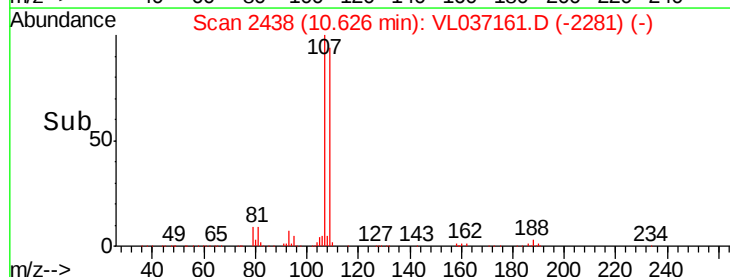
400000

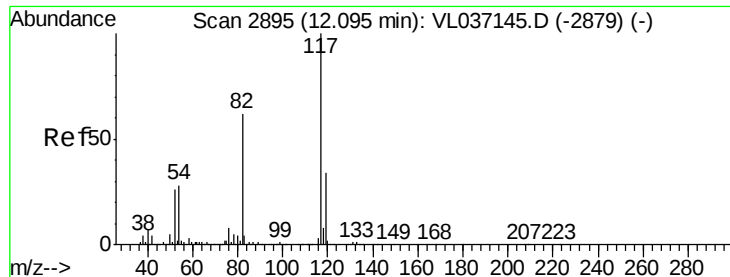
200000

0

10.50 10.60 10.70

Time-->

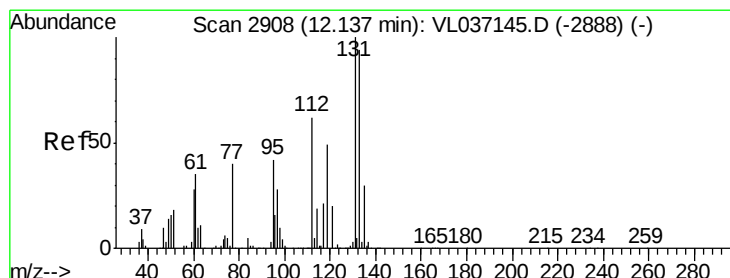
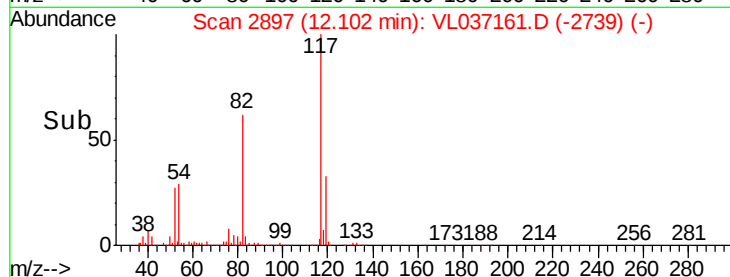
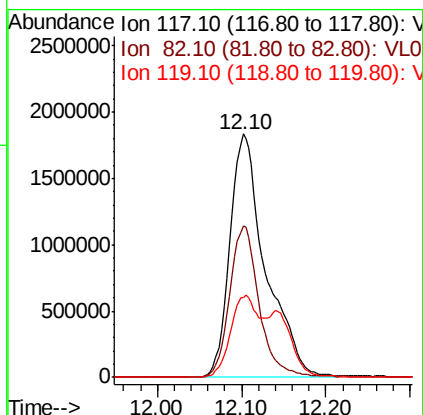
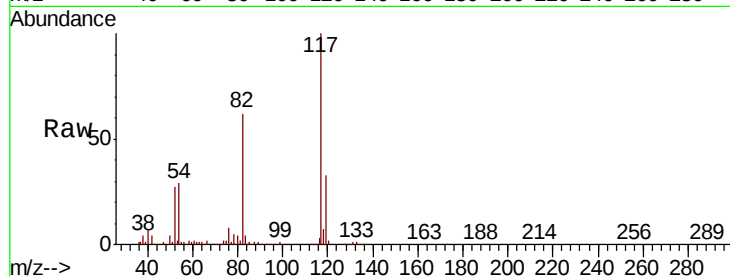




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. 0.01 min
Lab File: VL037161.D
Acq: 15 Jun 2021 19:49

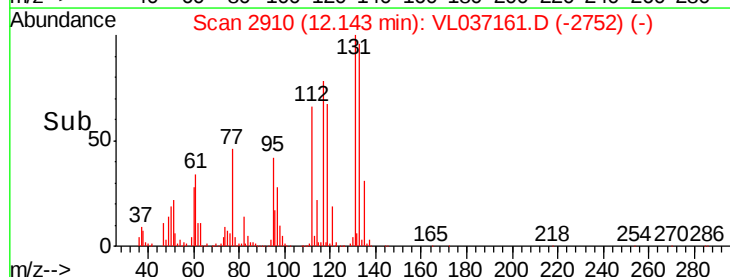
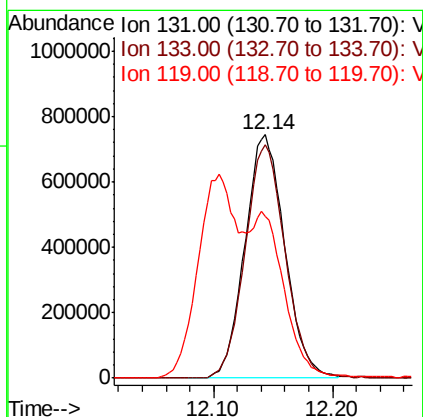
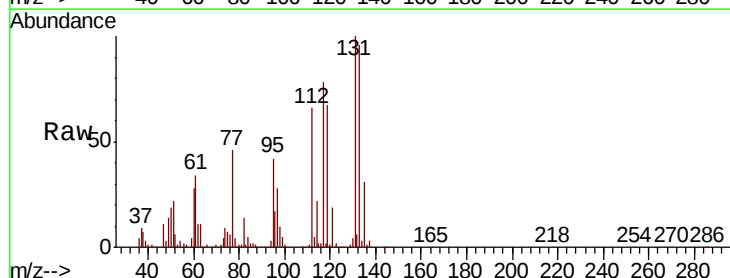
Instrument :
MSVOA_L
ClientSampleId :

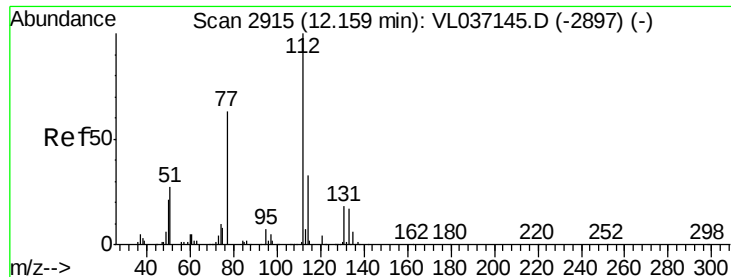
Tot Ion:117 Resp: 5399974
Ion Ratio Lower Upper
117 100
82 52.1 50.6 76.0
119 46.5 27.1 40.7#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.327 ppbv
RT: 12.14 min Scan# 2910
Delta R.T. 0.01 min
Lab File: VL037161.D
Acq: 15 Jun 2021 19:49

Tgt Ion:131 Resp: 1725530
Ion Ratio Lower Upper
131 100
133 96.7 76.7 115.1
119 145.3 50.7 76.1#

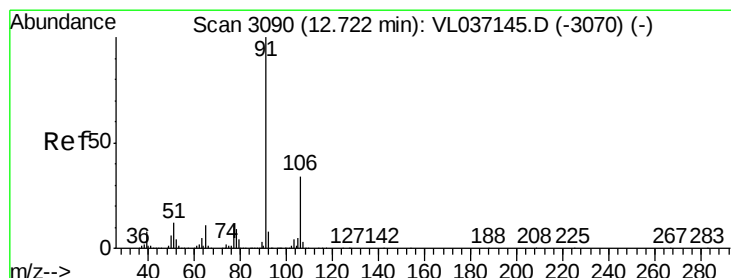
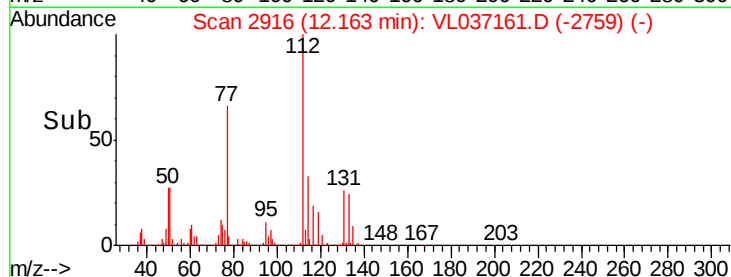
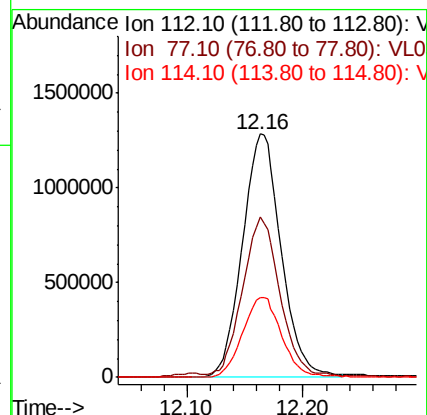
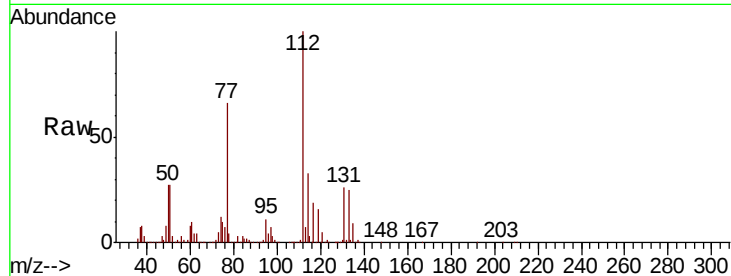




#57
Chlorobenzene
Concen: 6.880 ppbv
RT: 12.16 min Scan# 2916
Delta R.T. 0.00 min
Lab File: VL037161.D
Acq: 15 Jun 2021 19:49

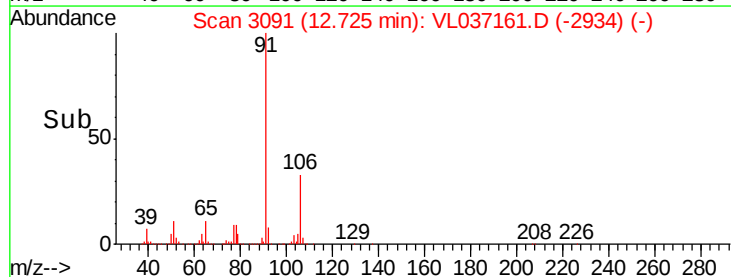
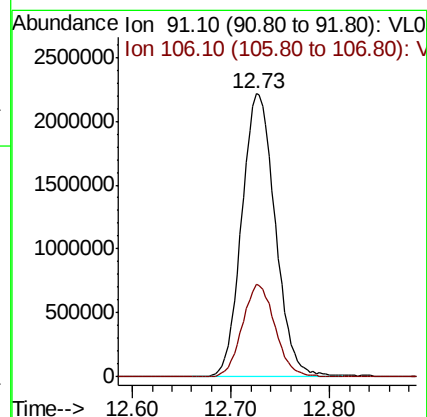
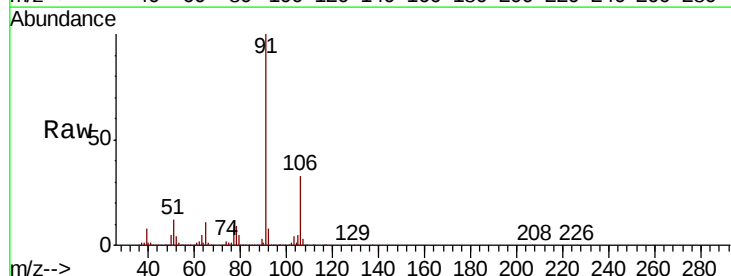
Instrument :
MSVOA_L
ClientSampled :

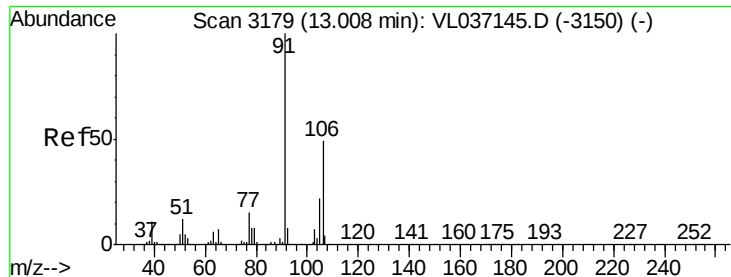
Tot Ion:112 Resp: 2977015
Ion Ratio Lower Upper
112 100
77 64.9 51.4 77.2
114 32.9 29.7 36.3



#58
Ethyl Benzene
Concen: 7.143 ppbv
RT: 12.73 min Scan# 3091
Delta R.T. 0.00 min
Lab File: VL037161.D
Acq: 15 Jun 2021 19:49

Tgt Ion: 91 Resp: 5224627
Ion Ratio Lower Upper
91 100
106 32.5 26.8 40.2

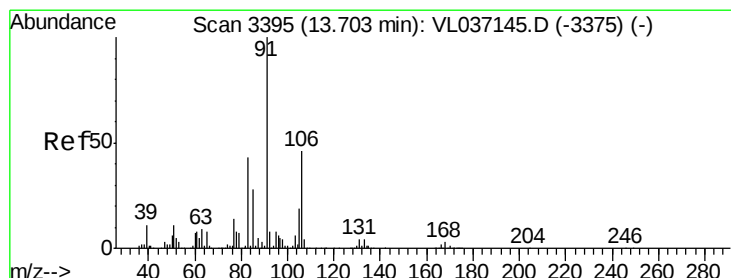
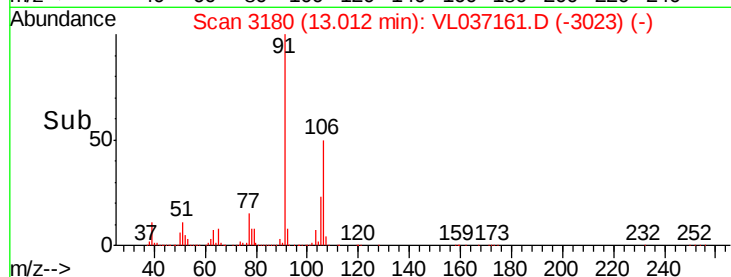
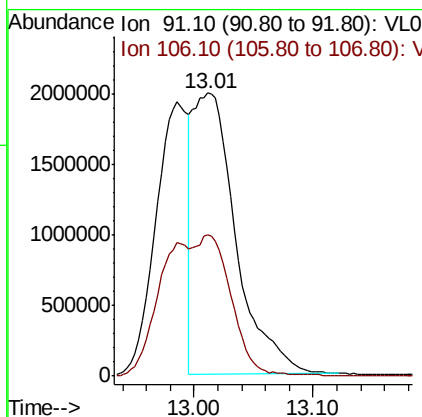
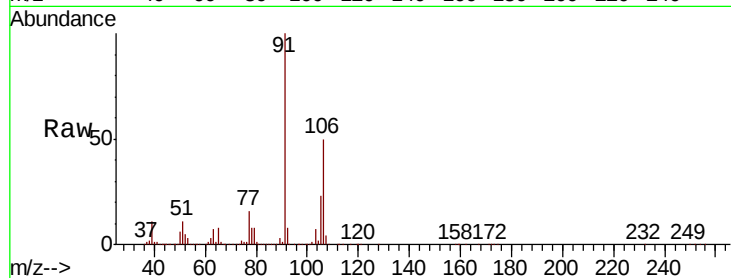




#59
m/p-Xylene
Concen: 8.070 ppbv
RT: 13.01 min Scan# 3180
Delta R.T. 0.00 min
Lab File: VL037161.D
Acq: 15 Jun 2021 19:49

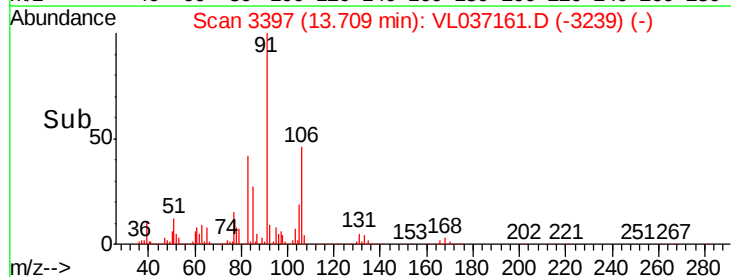
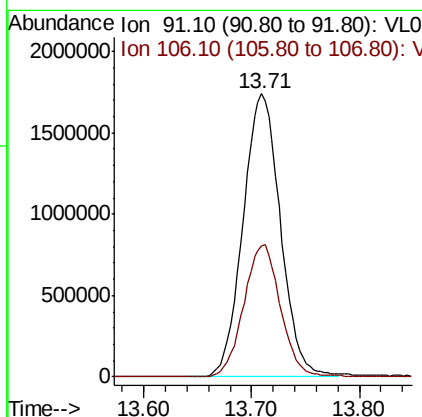
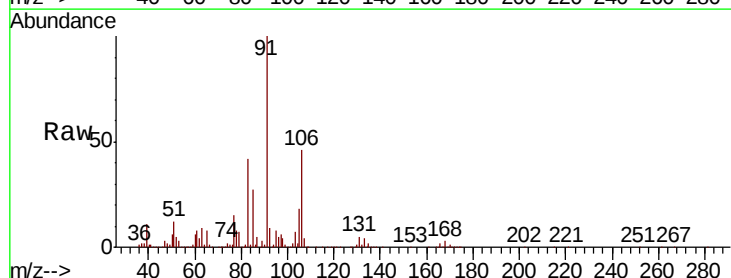
Instrument :
MSVOA_L
ClientSampled :

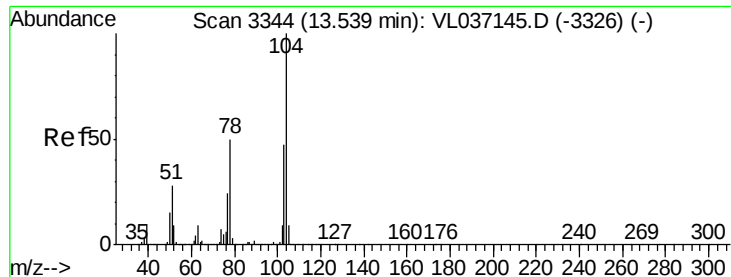
Tot Ion: 91 Resp: 5016128
Ion Ratio Lower Upper
91 100
106 79.9 36.9 55.3#



#60
o-Xylene
Concen: 7.020 ppbv
RT: 13.71 min Scan# 3397
Delta R.T. 0.01 min
Lab File: VL037161.D
Acq: 15 Jun 2021 19:49

Tgt Ion: 91 Resp: 4189888
Ion Ratio Lower Upper
91 100
106 46.3 23.1 69.3





#61

Stvrene

Concen: 7.241 ppbv

RT: 13.55 min Scan# 3346

Delta R.T. 0.01 min

Lab File: VL037161.D

Acq: 15 Jun 2021 19:49

Instrument :

MSVOA_L

ClientSampleId :

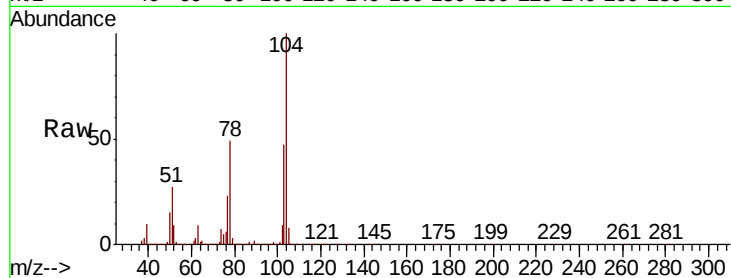
Tot Ion:104 Resp: 2278237

Ion Ratio Lower Upper

104 100

78 50.7 40.9 61.3

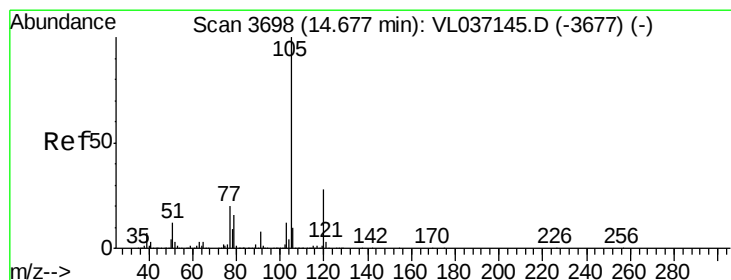
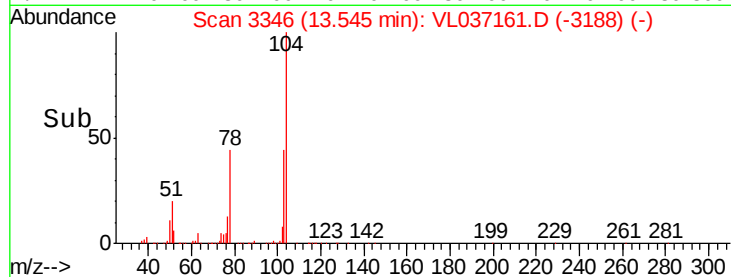
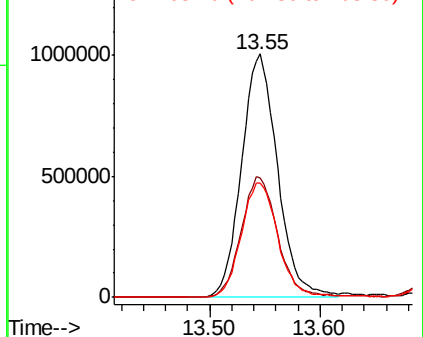
103 48.5 38.6 58.0



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: 7.059 ppbv

RT: 14.68 min Scan# 3700

Delta R.T. 0.01 min

Lab File: VL037161.D

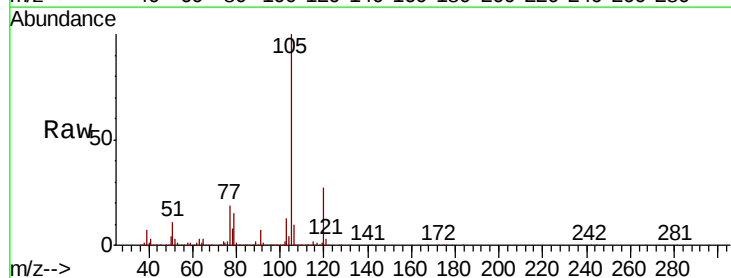
Acq: 15 Jun 2021 19:49

Tgt Ion:105 Resp: 6004890

Ion Ratio Lower Upper

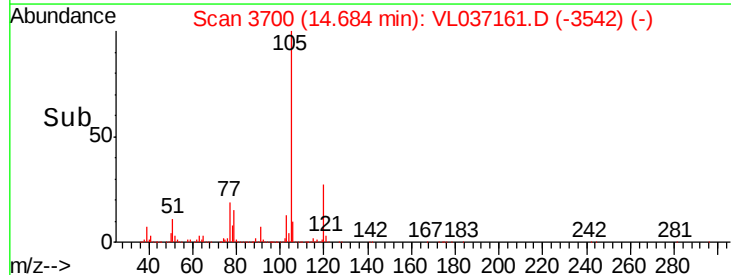
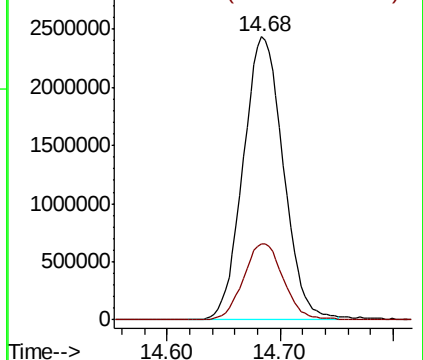
105 100

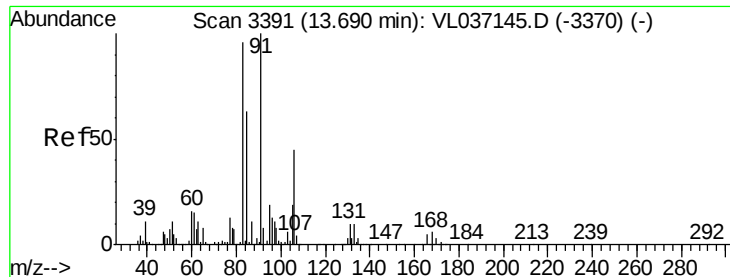
120 27.1 21.8 32.6



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: 7.474 ppbv

RT: 13.69 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VL037161.D

Acq: 15 Jun 2021 19:49

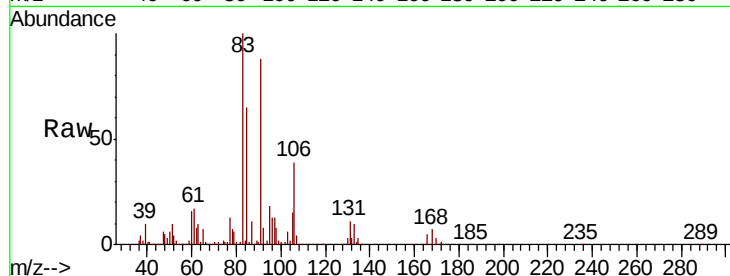
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 83 Resp: 2900146

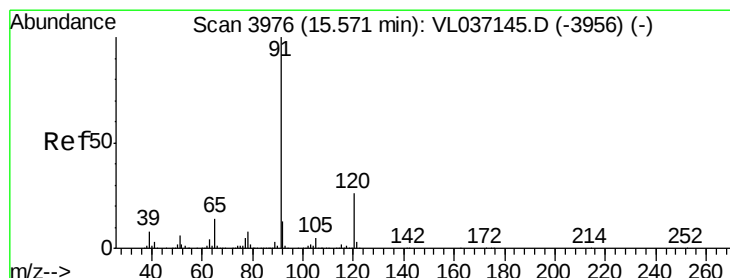
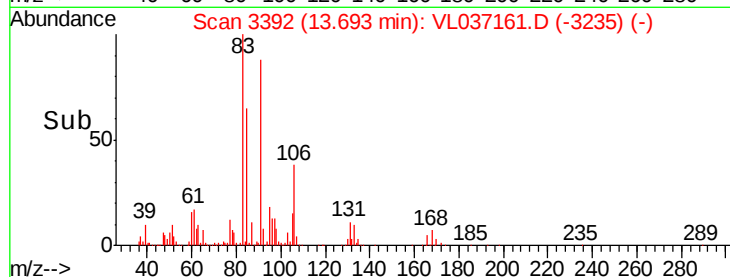
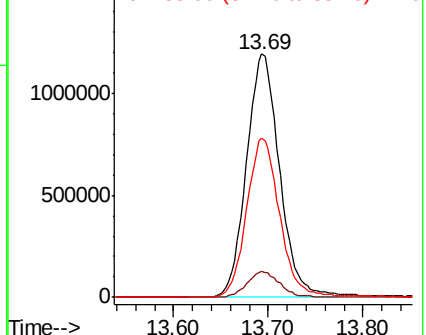
Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.4	16.2
85	66.4	33.3	99.9



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: 7.490 ppbv

RT: 15.58 min Scan# 3979

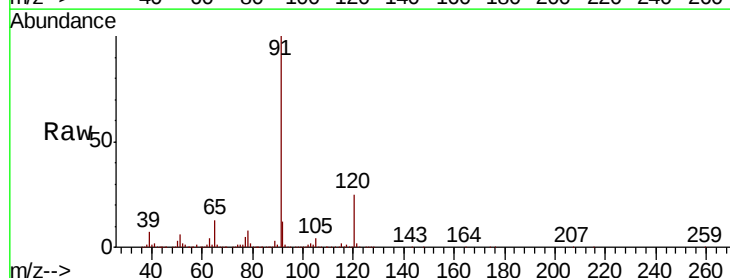
Delta R.T. 0.01 min

Lab File: VL037161.D

Acq: 15 Jun 2021 19:49

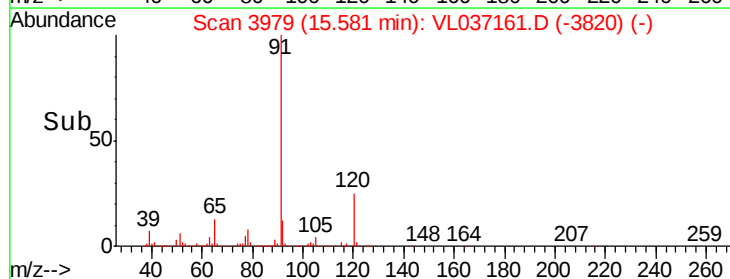
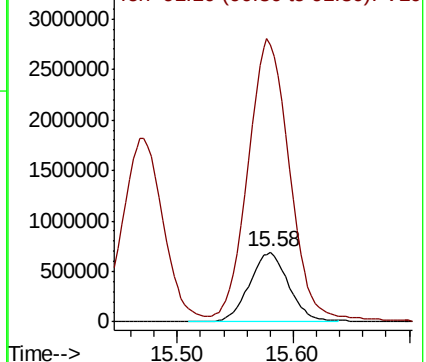
Tgt Ion:120 Resp: 1625051

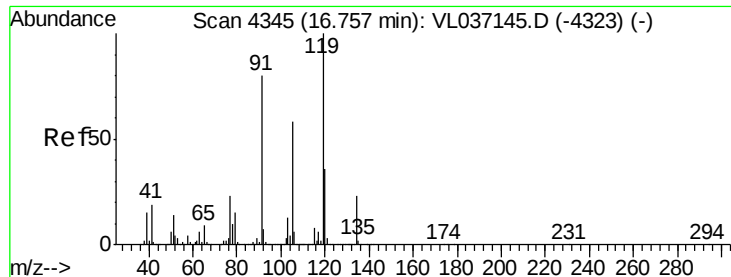
Ion	Ratio	Lower	Upper
120	100		
91	434.2	342.2	513.4



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0





#65

tert-Butylbenzene

Concen: 7.105 ppbv

RT: 16.76 min Scan# 4346

Delta R.T. 0.00 min

Lab File: VL037161.D

Acq: 15 Jun 2021 19:49

Instrument :

MSVOA_L

ClientSampled :

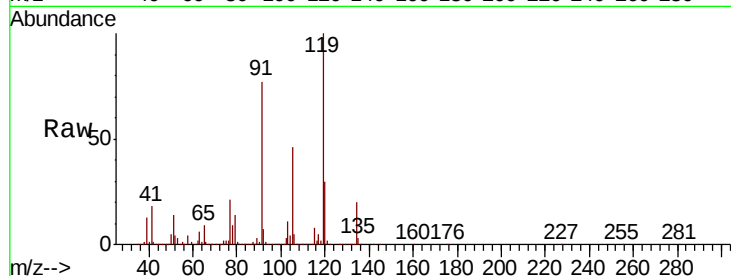
Tot Ion:119 Resp: 5477477

Ion Ratio Lower Upper

119 100

91 77.8 62.8 94.2

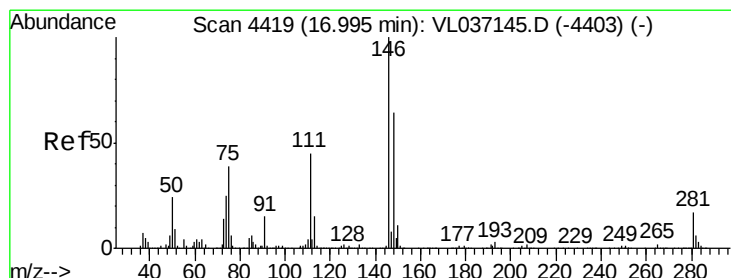
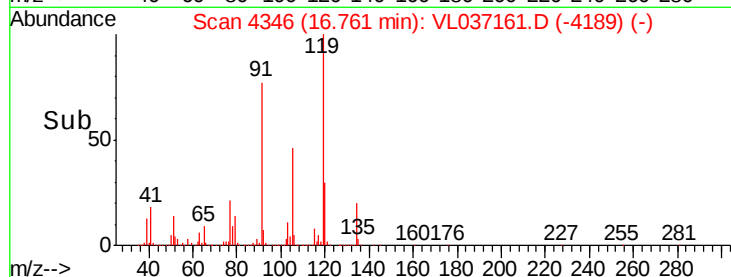
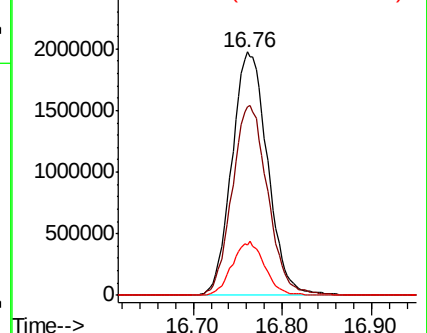
134 20.3 16.5 24.7



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: 1.328 ppbv

RT: 17.00 min Scan# 4421

Delta R.T. 0.01 min

Lab File: VL037161.D

Acq: 15 Jun 2021 19:49

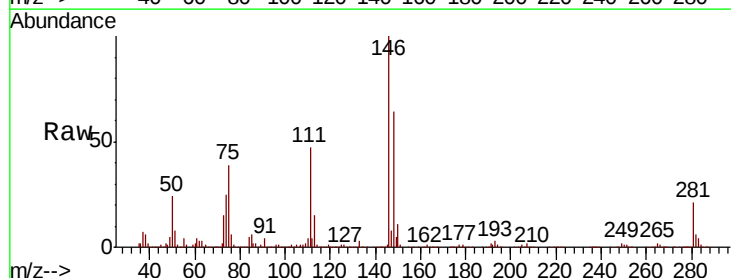
Tgt Ion: 91 Resp: 44696

Ion Ratio Lower Upper

91 100

126 49.7 16.4 24.6#

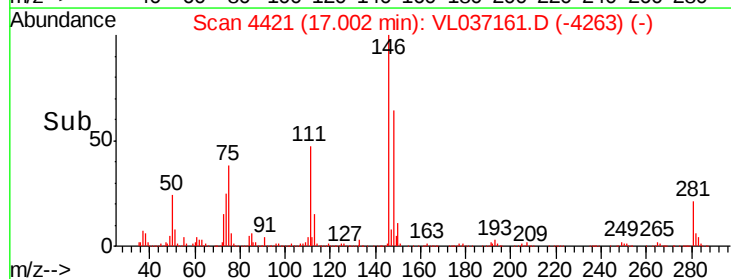
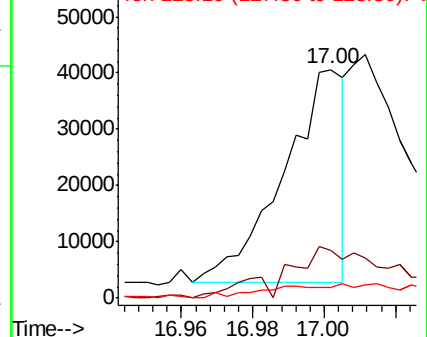
128 19.1 5.7 8.5#

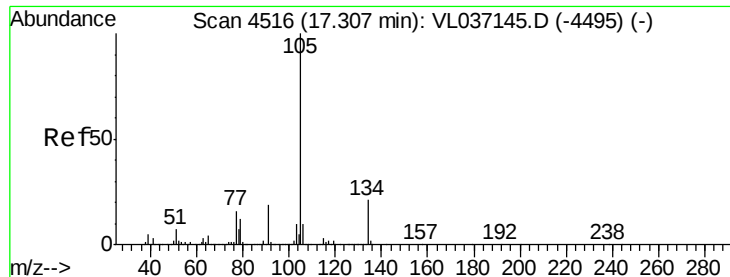


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 7.152 ppbv

RT: 17.31 min Scan# 4518

Delta R.T. 0.01 min

Lab File: VL037161.D

Acq: 15 Jun 2021 19:49

Instrument :

MSVOA_L

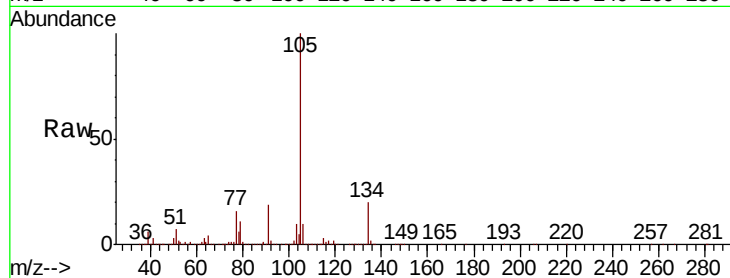
ClientSampleId :

Tot Ion:105 Resp: 7325724

Ion Ratio Lower Upper

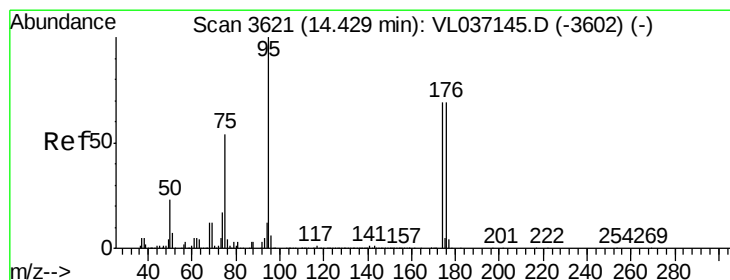
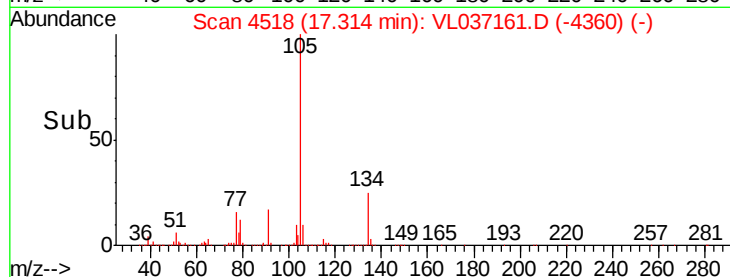
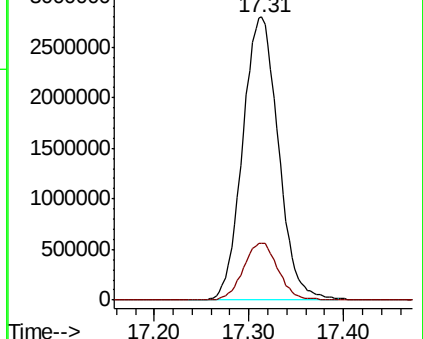
105 100

134 19.5 16.0 24.0



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: 8.475 ppbv

RT: 14.43 min Scan# 3622

Delta R.T. 0.00 min

Lab File: VL037161.D

Acq: 15 Jun 2021 19:49

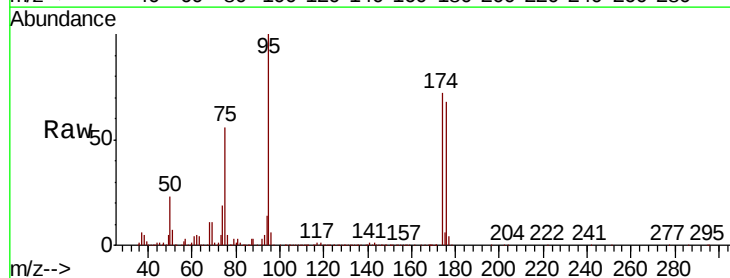
Tgt Ion: 95 Resp: 3370862

Ion Ratio Lower Upper

95 100

174 72.2 57.6 86.4

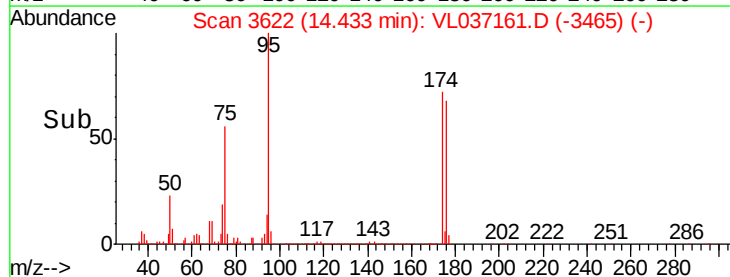
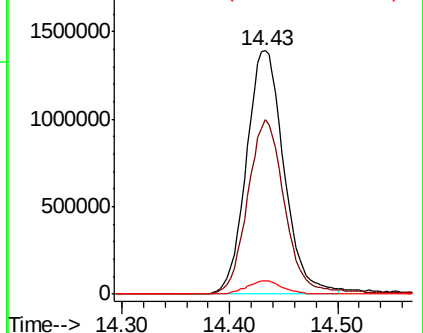
175 5.5 4.4 6.6

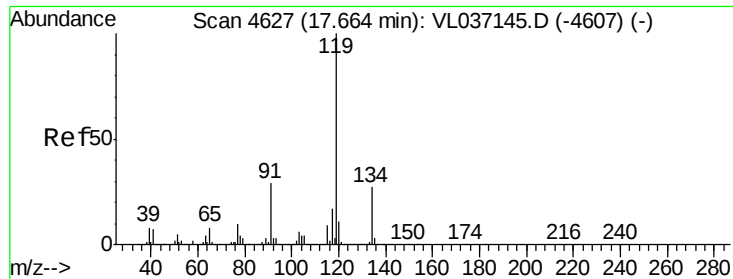


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

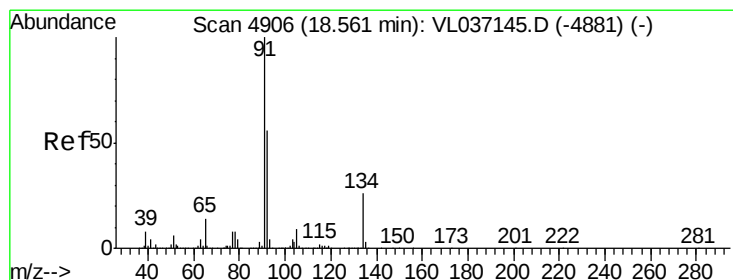
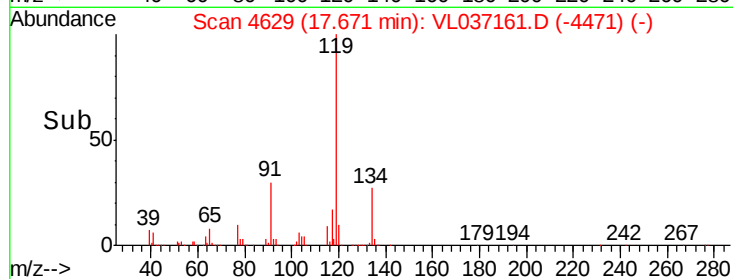
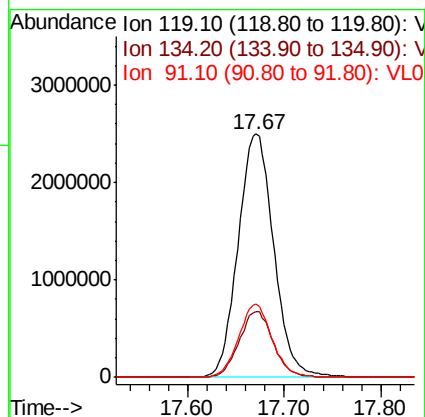
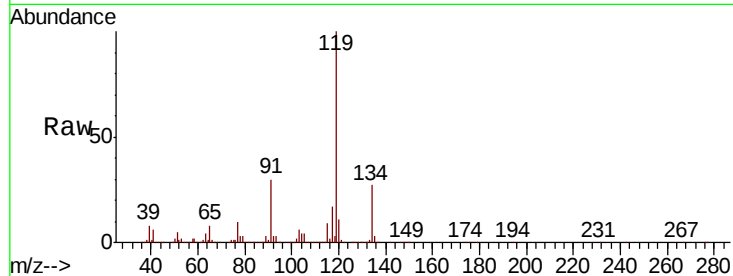




#69
 p-Isopropyltoluene
 Concen: 7.442 ppbv
 RT: 17.67 min Scan# 4629
 Delta R.T. 0.01 min
 Lab File: VL037161.D
 Acq: 15 Jun 2021 19:49

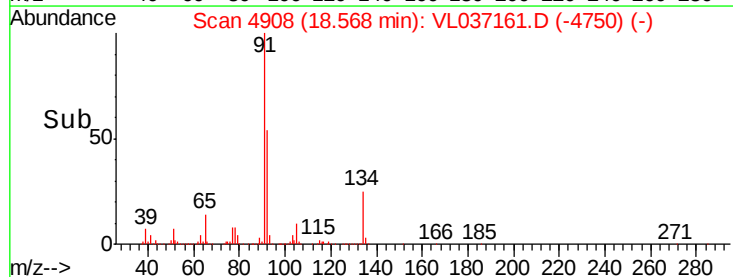
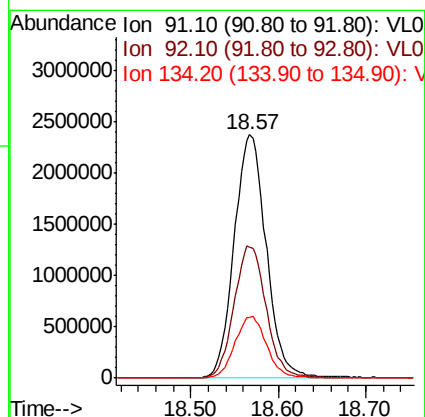
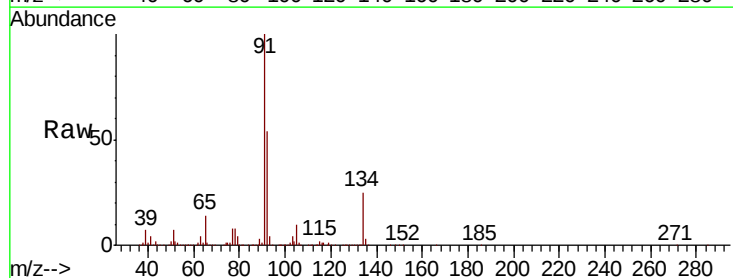
Instrument :
 MSVOA_L
 ClientSampleId :

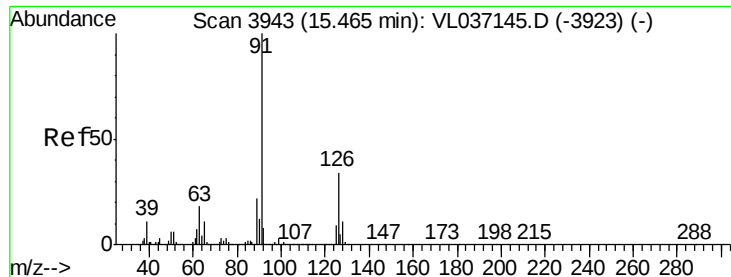
Tot Ion:119 Resp: 6372788
 Ion Ratio Lower Upper
 119 100
 134 26.2 21.2 31.8
 91 28.4 22.9 34.3



#70
 n-Butylbenzene
 Concen: 7.713 ppbv
 RT: 18.57 min Scan# 4908
 Delta R.T. 0.01 min
 Lab File: VL037161.D
 Acq: 15 Jun 2021 19:49

Tgt Ion: 91 Resp: 6043276
 Ion Ratio Lower Upper
 91 100
 92 54.3 44.0 66.0
 134 25.1 20.4 30.6





#71

2-Chlorotoluene

Concen: 7.266 ppbv

RT: 15.47 min Scan# 3945

Delta R.T. 0.01 min

Lab File: VL037161.D

Acq: 15 Jun 2021 19:49

Instrument :

MSVOA_L

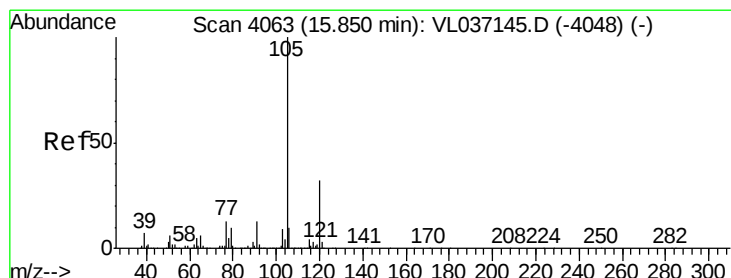
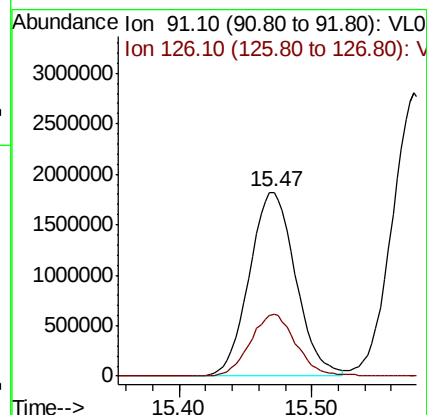
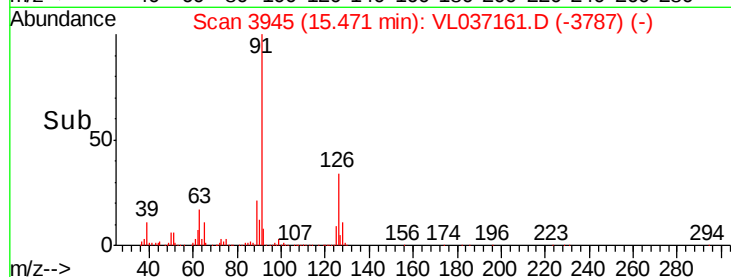
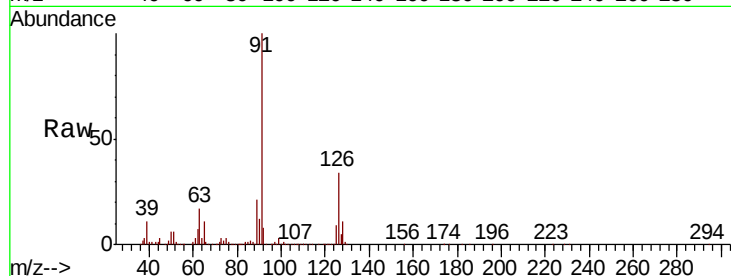
ClientSampleId :

Tot Ion: 91 Resp: 4409029

Ion Ratio Lower Upper

91 100

126 34.1 13.4 53.6



#72

4-Ethyltoluene

Concen: 7.382 ppbv

RT: 15.86 min Scan# 4065

Delta R.T. 0.01 min

Lab File: VL037161.D

Acq: 15 Jun 2021 19:49

Tgt Ion:105 Resp: 5117686

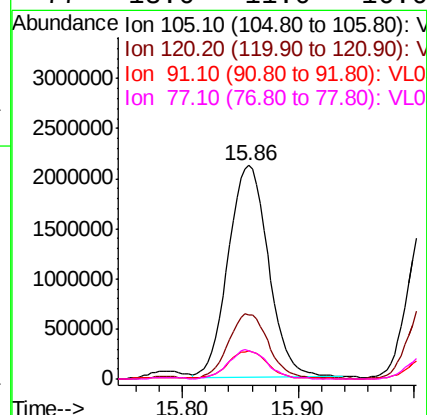
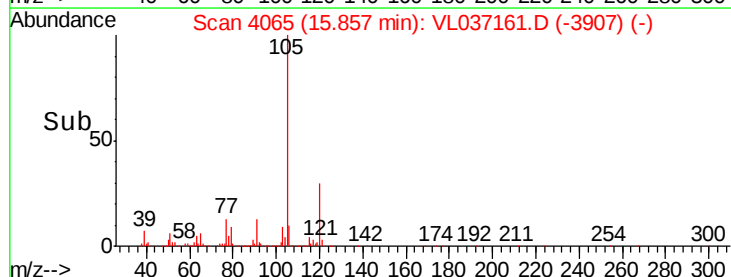
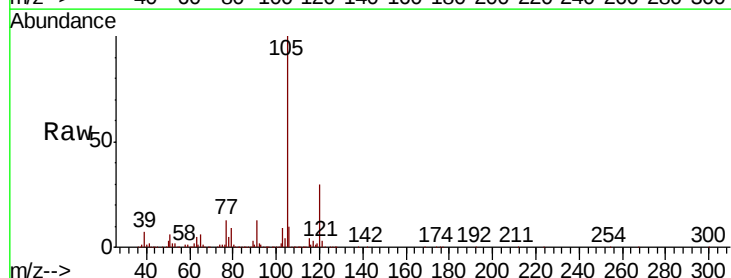
Ion Ratio Lower Upper

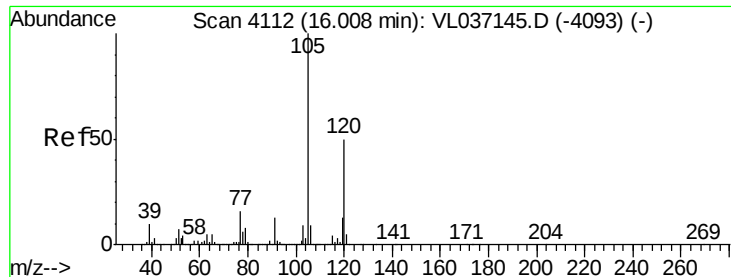
105 100

120 30.8 25.1 37.7

91 13.1 10.3 15.5

77 13.6 11.0 16.6





#73

1,3,5-Trimethylbenzene

Concen: 7.003 ppbv

RT: 16.01 min Scan# 4114

Delta R.T. 0.01 min

Lab File: VL037161.D

Acq: 15 Jun 2021 19:49

Instrument :

MSVOA_L

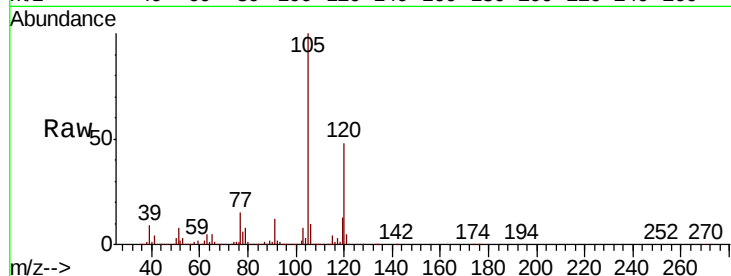
ClientSampled :

Tot Ion:105 Resp: 4604742

Ion Ratio Lower Upper

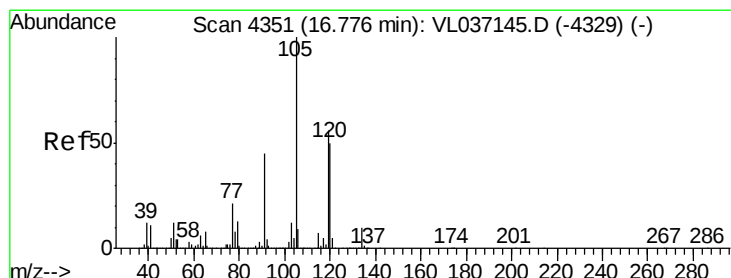
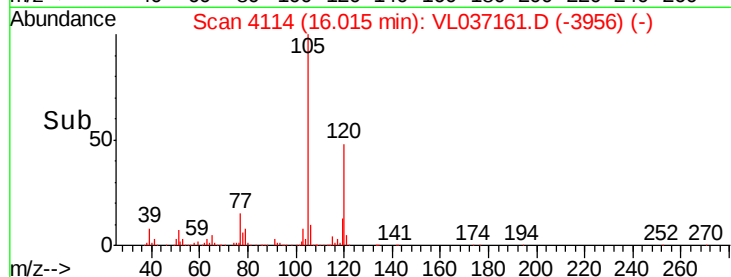
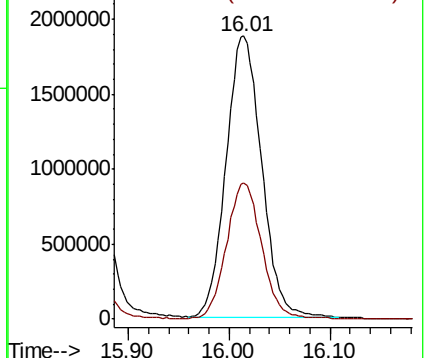
105 100

120 48.0 39.7 59.5



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 7.262 ppbv

RT: 16.78 min Scan# 4352

Delta R.T. 0.00 min

Lab File: VL037161.D

Acq: 15 Jun 2021 19:49

Tgt Ion:105 Resp: 4858950

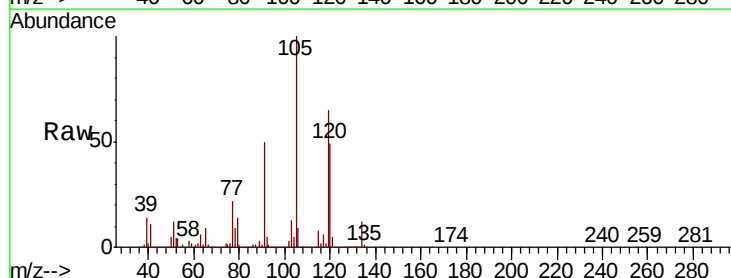
Ion Ratio Lower Upper

105 100

120 49.3 39.7 59.5

91 50.3 35.8 53.8

77 21.7 16.7 25.1

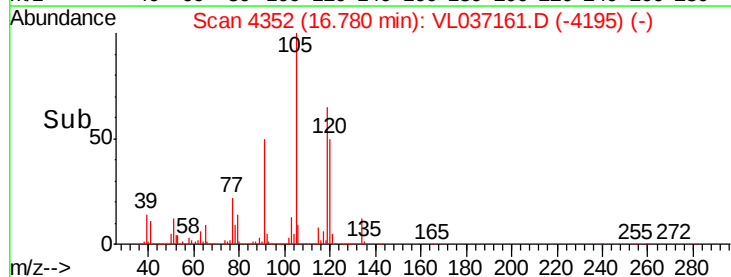
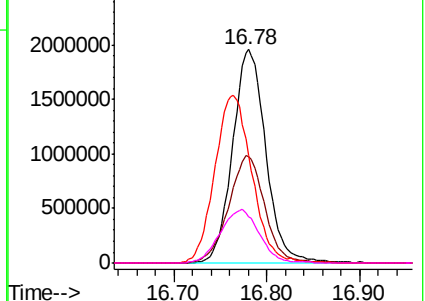


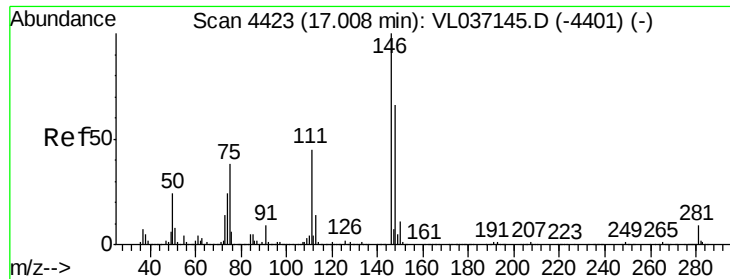
Abundance Ion 105.10 (104.80 to 105.80): V

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





#75

1,3-Dichlorobenzene

Concen: 7.361 ppbv

RT: 17.01 min Scan# 4425

Delta R.T. 0.01 min

Lab File: VL037161.D

Acq: 15 Jun 2021 19:49

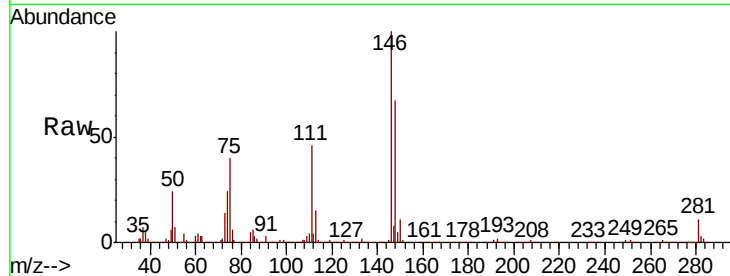
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:146 Resp: 3032645

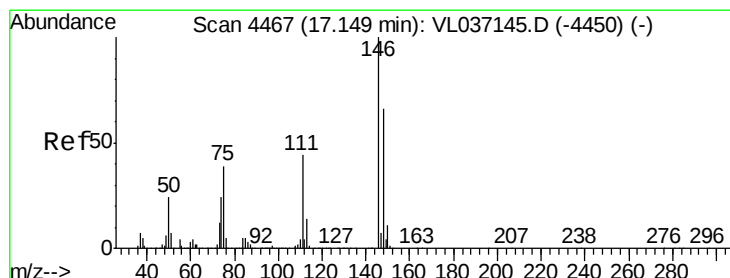
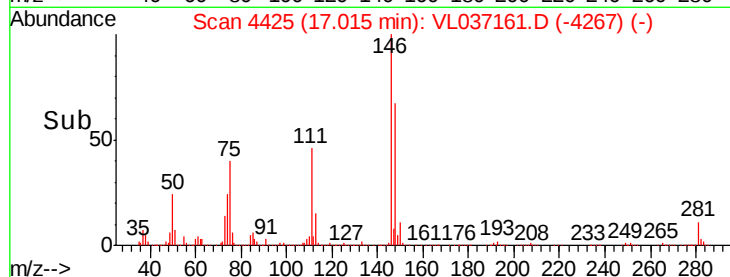
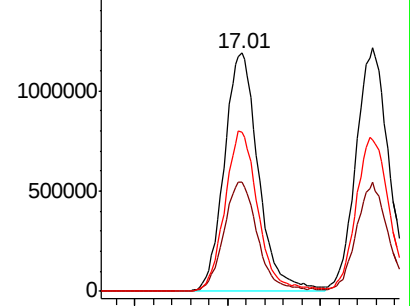
Ion	Ratio	Lower	Upper
146	100		
111	45.4	22.4	67.2
148	65.3	32.3	96.9



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: 7.333 ppbv

RT: 17.16 min Scan# 4469

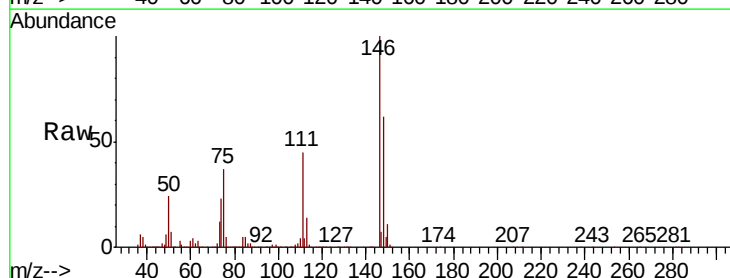
Delta R.T. 0.01 min

Lab File: VL037161.D

Acq: 15 Jun 2021 19:49

Tgt Ion:146 Resp: 3000625

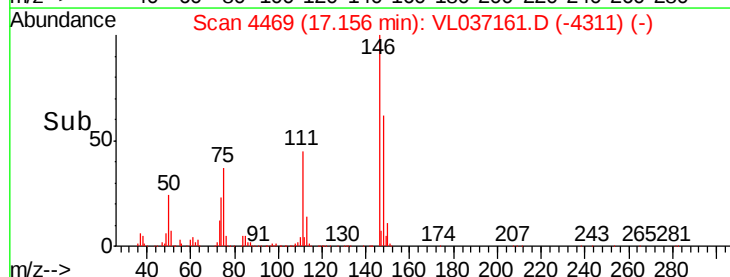
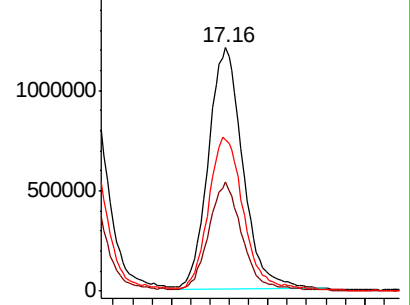
Ion	Ratio	Lower	Upper
146	100		
111	44.2	21.9	65.5
148	65.6	32.4	97.0

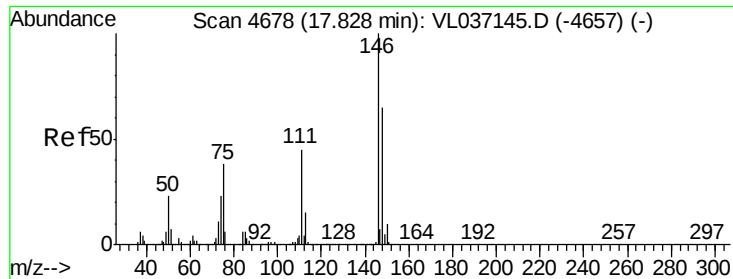


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

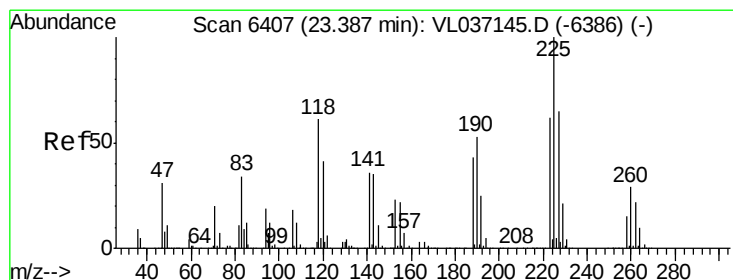
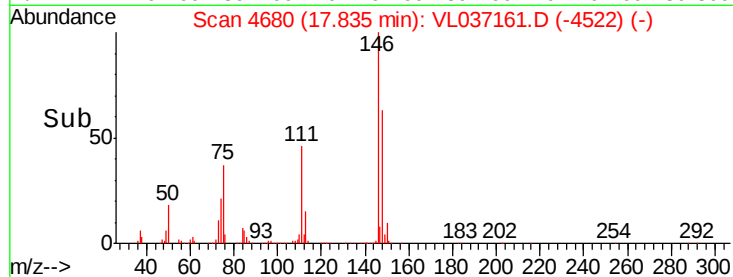
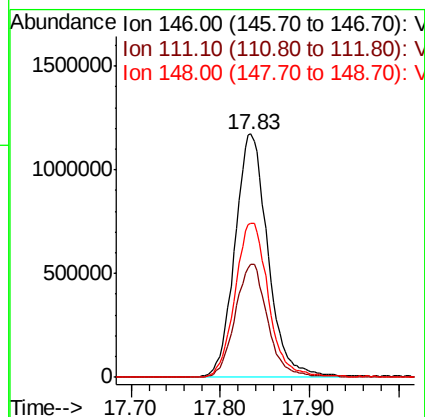
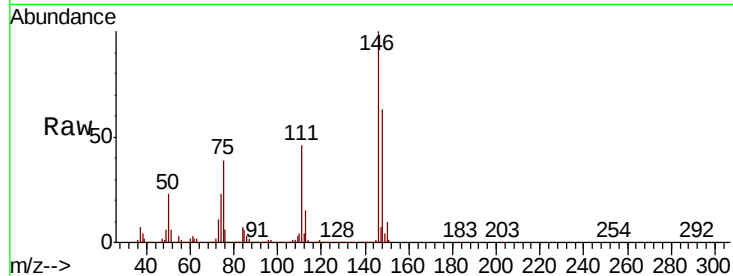




#77
 1,2-Dichlorobenzene
 Concen: 7.357 ppbv
 RT: 17.83 min Scan# 4680
 Delta R.T. 0.01 min
 Lab File: VL037161.D
 Acq: 15 Jun 2021 19:49

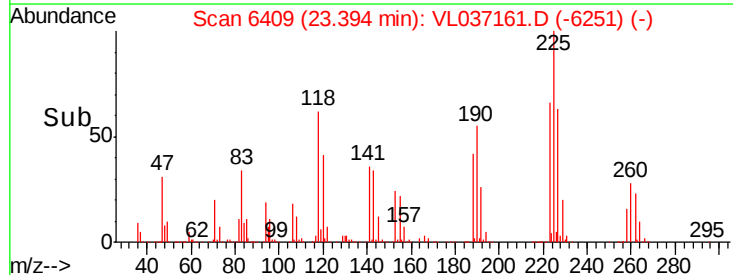
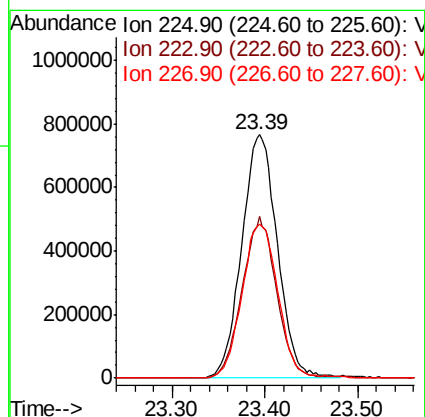
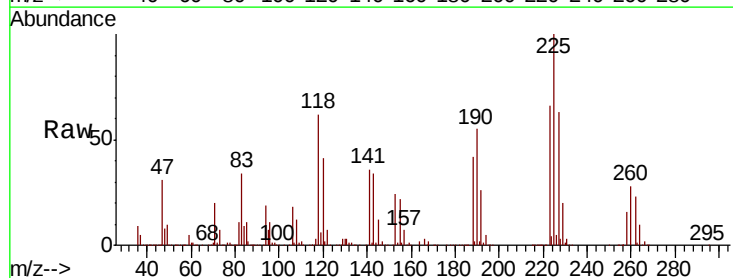
Instrument :
 MSVOA_L
 ClientSampleId :

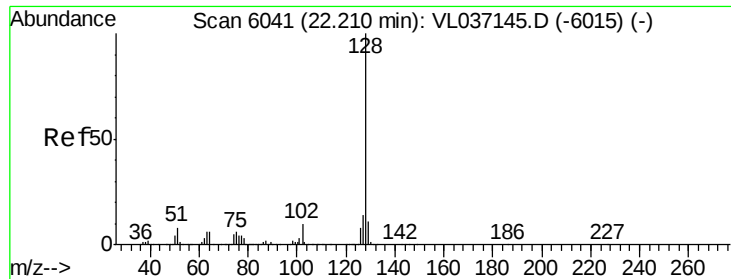
Tot Ion:146 Resp: 2988659
 Ion Ratio Lower Upper
 146 100
 111 46.1 23.1 69.3
 148 64.6 32.5 97.5



#78
 Hexachloro-1,3-Butadiene
 Concen: 7.096 ppbv
 RT: 23.39 min Scan# 6409
 Delta R.T. 0.01 min
 Lab File: VL037161.D
 Acq: 15 Jun 2021 19:49

Tgt Ion:225 Resp: 2043496
 Ion Ratio Lower Upper
 225 100
 223 64.4 52.2 78.2
 227 64.5 51.5 77.3

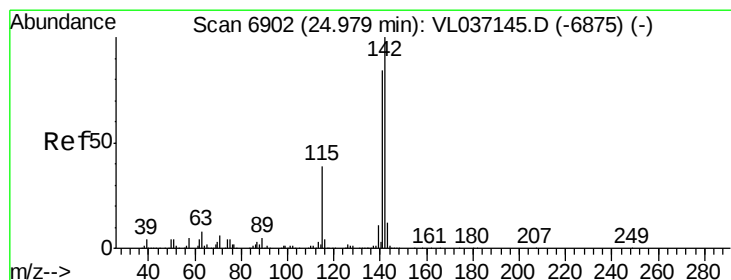
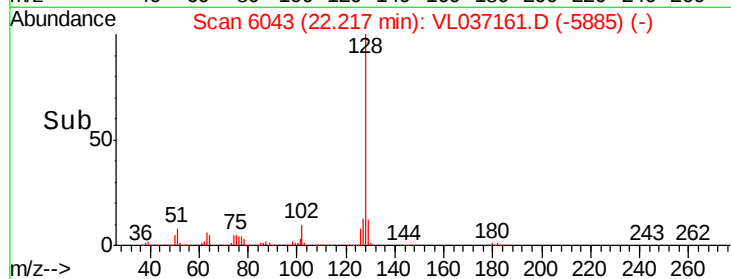
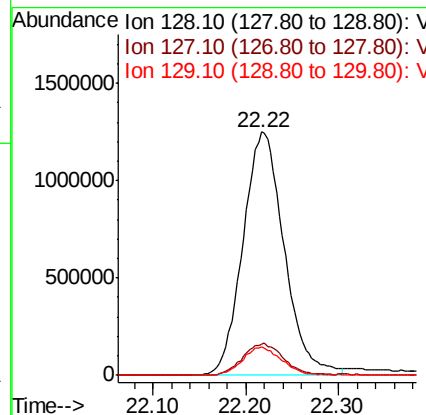
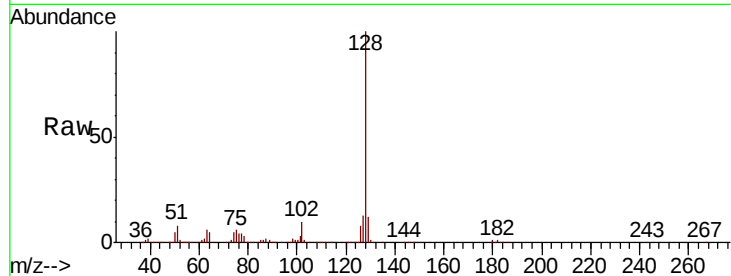




#79
Naphthalene
Concen: 9.567 ppbv
RT: 22.22 min Scan# 6043
Delta R.T. 0.01 min
Lab File: VL037161.D
Acq: 15 Jun 2021 19:49

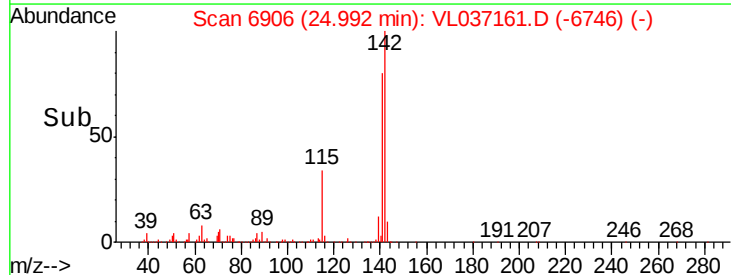
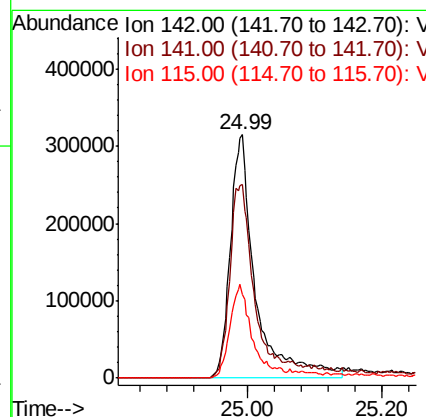
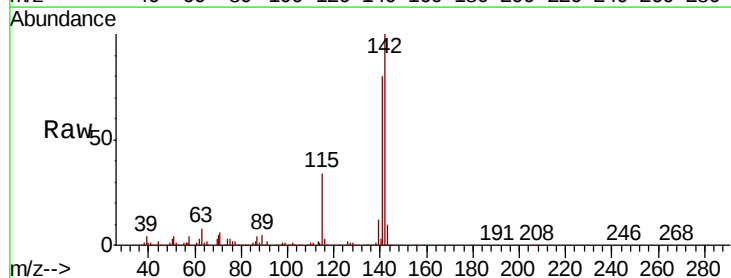
Instrument :
MSVOA_L
ClientSampleId :

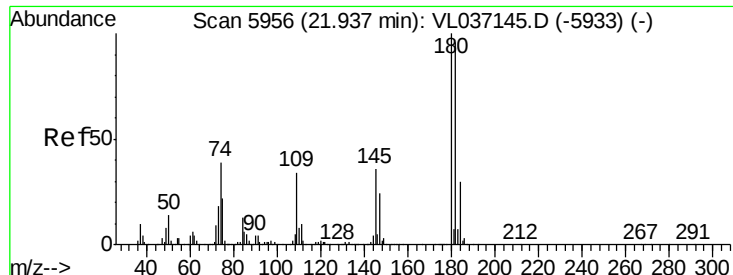
Tot Ion:128 Resp: 3852957
Ion Ratio Lower Upper
128 100
127 12.6 10.9 16.3
129 11.6 9.0 13.4



#80
Naphthalene, 2-methyl-
Concen: 8.410 ppbv
RT: 24.99 min Scan# 6906
Delta R.T. 0.01 min
Lab File: VL037161.D
Acq: 15 Jun 2021 19:49

Tgt Ion:142 Resp: 819412
Ion Ratio Lower Upper
142 100
141 83.5 66.7 100.1
115 37.5 32.2 48.2





#81

1,2,4-Trichlorobenzene

Concen: 8.783 ppbv

RT: 21.95 min Scan# 5959

Delta R.T. 0.01 min

Lab File: VL037161.D

Acq: 15 Jun 2021 19:49

Instrument :

MSVOA_L

ClientSampleId :

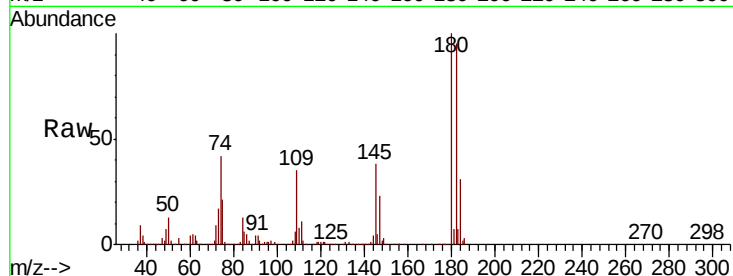
Tot Ion:180 Resp: 2249952

Ion Ratio Lower Upper

180 100

182 95.1 79.8 119.6

184 31.5 25.1 37.7



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

