

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061521\
 Data File : VL037162.D
 Acq On : 15 Jun 2021 20:28
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 16 01:46:00 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	1598776	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4718208	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	5431121	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3424033	8.56	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	85.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.06	85	2196715	8.627 ppbv	100
3) Chlorodifluoromethane	3.00	51	2622663	8.745 ppbv	99
4) Chloromethane	3.15	50	836780	8.188 ppbv	97
5) Vinyl Chloride	3.27	62	879201	8.893 ppbv	99
6) Bromomethane	3.48	94	416619	6.625 ppbv	98
7) Chloroethane	3.57	64	339785	8.808 ppbv	96
8) Dichlorotetrafluoroethane	3.20	85	2305695	8.475 ppbv	100
9) Propene	3.02	41	803474	8.122 ppbv	99
10) Heptane	8.14	43	2044251	8.668 ppbv	100
11) Trichlorofluoromethane	3.96	101	2400039	8.308 ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1690905	8.532 ppbv	99
13) Ethanol	3.62	45	74584	5.457 ppbv #	56
14) Bromoethene	3.75	108	716698	8.357 ppbv	99
15) Acetone	3.86	43	1186368	6.201 ppbv	100
16) 1,3-Butadiene	3.33	39	984452	9.531 ppbv	90
17) tert-Butyl alcohol	4.30	59	1381214	8.342 ppbv	100
18) 1,1-Dichloroethene	4.30	96	768900	8.600 ppbv	96
19) Isopropyl Alcohol	3.98	45	884135	8.422 ppbv #	98
20) Methylene Chloride	4.36	84	591190	7.091 ppbv	96
21) Allyl Chloride	4.42	41	946214	7.403 ppbv	99
22) trans-1,2-Dichloroethene	4.90	96	741728	8.515 ppbv	93
23) Vinyl Acetate	5.09	43	2212773	8.808 ppbv	98
24) 1,1-Dichloroethane	5.02	63	1774951	8.803 ppbv	99
25) Ethyl Acetate	5.69	43	3085932	8.232 ppbv	99
26) Hexane	5.70	57	1526751	8.189 ppbv	98
27) Carbon Disulfide	4.56	76	1723695	9.119 ppbv	100
28) Methyl tert-Butyl Ether	5.05	73	1896846	8.124 ppbv	100
29) Chloroform	5.77	83	2477137	8.231 ppbv	99
30) Cyclohexane	7.14	84	1395697	8.587 ppbv	100
31) cis-1,2-Dichloroethene	5.56	61	1554665	8.653 ppbv	99
32) 1,1,1-Trichloroethane	6.53	97	2618954	9.477 ppbv	100
34) 2-Butanone	5.26	43	1450977	8.188 ppbv	99
35) Carbon Tetrachloride	7.03	117	2767338	9.541 ppbv	98
36) Benzene	6.91	78	3220823	8.603 ppbv	99
37) 1,2-Dichloroethane	6.32	62	1871111	8.607 ppbv	99
38) Trichloroethene	7.85	130	1374747	8.497 ppbv	99
39) 1,2-Dichloropropane	7.63	63	1240979	8.682 ppbv	99
40) 1,4-Dioxane	7.85	88	127180	3.177 ppbv #	1
41) Tetrahydrofuran	6.07	42	699838	8.115 ppbv	98
42) Bromodichloromethane	7.81	83	2699433	9.012 ppbv	99
43) Methyl Methacrylate	8.03	69	1230736	9.582 ppbv	98

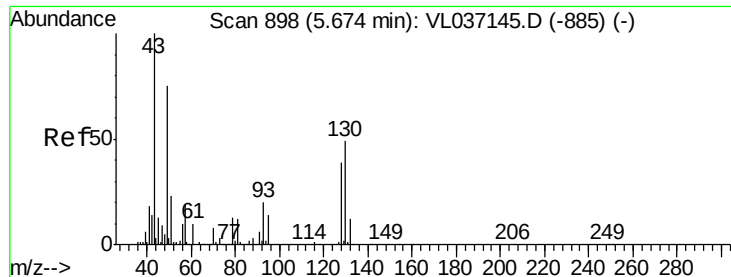
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061521\
 Data File : VL037162.D
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Quant Time: Jun 16 01:46:00 2021
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.89	57	5343280	8.527	ppbv	99
45) t-1,3-Dichloropropene	9.29	75	609017	5.262	ppbv	99
46) cis-1,3-Dichloropropene	8.72	75	879616	5.696	ppbv	99
47) 1,1,2-Trichloroethane	9.49	97	1386062	8.549	ppbv	100
48) Dibromochloromethane	10.32	129	2507263	9.586	ppbv	100
49) Bromoform	13.06	173	2119608	10.374	ppbv	99
50) 4-Methyl-2-Pentanone	8.76	43	2244047	8.609	ppbv	100
51) 2-Hexanone	10.15	43	1253407	9.633	ppbv #	98
52) Tetrachloroethene	11.24	164	1368655	8.839	ppbv	95
53) Toluene	9.82	91	3928030	8.827	ppbv	99
54) 1,2-Dibromoethane	10.63	107	2022131	8.518	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.14	131	1753485	7.403	ppbv	98
57) Chlorobenzene	12.16	112	3037079	6.978	ppbv	99
58) Ethyl Benzene	12.73	91	5264098	7.156	ppbv	99
59) m/p-Xylene	13.01	91	5100024	8.158	ppbv #	50
60) o-Xylene	13.71	91	4255897	7.090	ppbv	100
61) Styrene	13.55	104	2296925	7.258	ppbv	100
62) Isopropylbenzene	14.69	105	6147582	7.185	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.69	83	2944206	7.544	ppbv	100
64) n-propylbenzene	15.58	120	1656251	7.590	ppbv	98
65) tert-Butylbenzene	16.76	119	5603328	7.226	ppbv	99
66) Benzyl Chloride	17.01	91	44484	1.314	ppbv #	59
67) sec-Butylbenzene	17.31	105	7471907	7.253	ppbv	99
69) p-Isopropyltoluene	17.67	119	6468745	7.511	ppbv	99
70) n-Butylbenzene	18.57	91	6107491	7.751	ppbv	100
71) 2-Chlorotoluene	15.47	91	4523707	7.412	ppbv	100
72) 4-Ethyltoluene	15.86	105	5121158	7.344	ppbv	100
73) 1,3,5-Trimethylbenzene	16.01	105	4673945	7.067	ppbv	96
74) 1,2,4-Trimethylbenzene	16.78	105	4934938	7.333	ppbv	96
75) 1,3-Dichlorobenzene	17.01	146	3108329	7.502	ppbv	100
76) 1,4-Dichlorobenzene	17.16	146	2974257	7.227	ppbv	97
77) 1,2-Dichlorobenzene	17.83	146	3037084	7.434	ppbv	100
78) Hexachloro-1,3-Butadiene	23.39	225	2104440	7.266	ppbv	99
79) Naphthalene	22.22	128	3893882	9.613	ppbv	99
80) Naphthalene, 2-methyl-	24.99	142	1168555	11.924	ppbv	95
81) 1,2,4-Trichlorobenzene	21.95	180	2254530	8.750	ppbv	100

(#) = 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

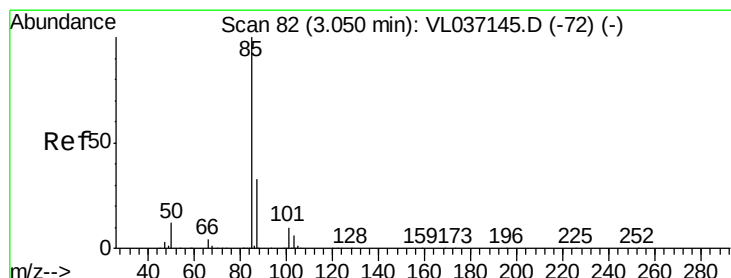
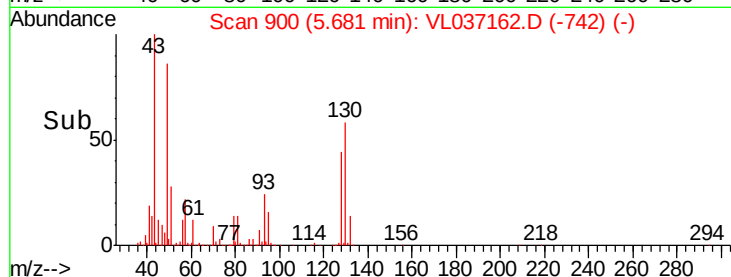
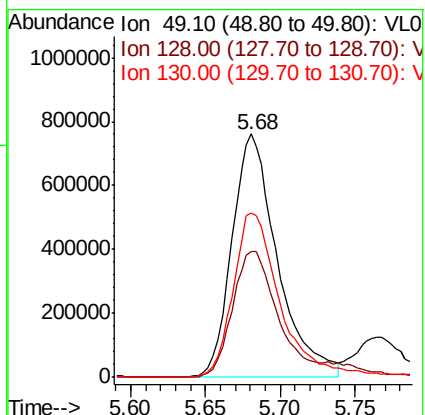
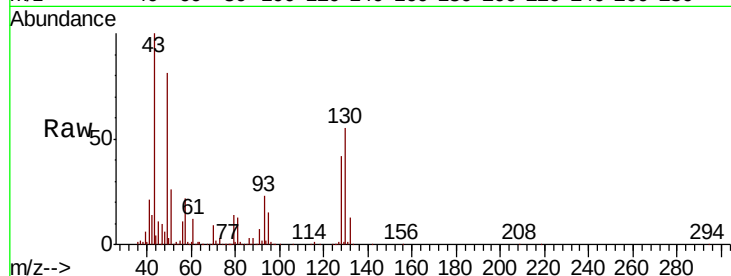
Lab File: VL037162.D

Acq: 15 Jun 2021 20:28

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 49 Resp: 1598776

Ion	Ratio	Lower	Upper
49	100		
128	59.2	28.8	86.5
130	72.1	36.0	108.0



#2

Dichlorodifluoromethane

Concen: 8.627 ppbv

RT: 3.06 min Scan# 84

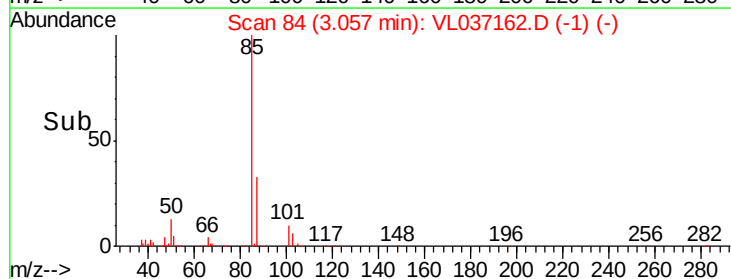
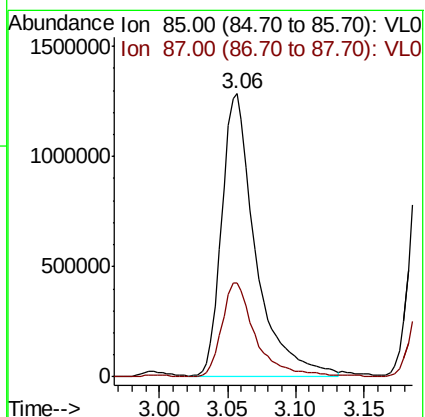
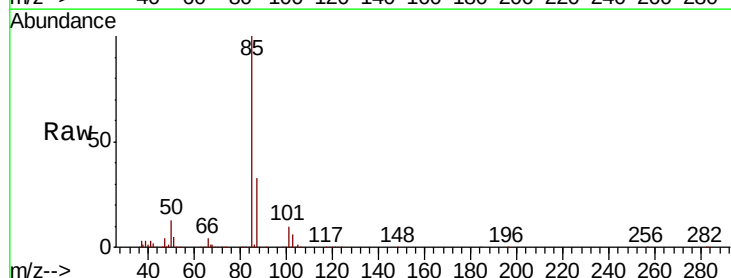
Delta R.T. 0.01 min

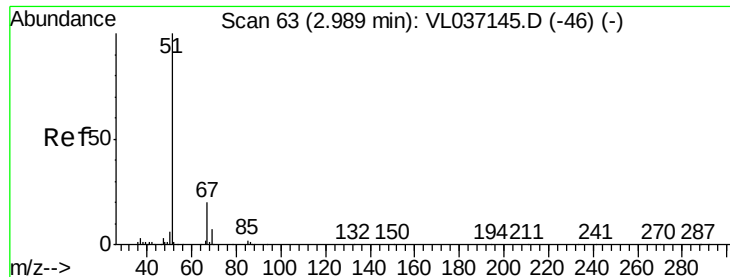
Lab File: VL037162.D

Acq: 15 Jun 2021 20:28

Tgt Ion: 85 Resp: 2196715

Ion	Ratio	Lower	Upper
85	100		
87	33.1	26.4	39.6





#3

Chlorodifluoromethane

Concen: 8.745 ppbv

RT: 3.00 min Scan# 65

Delta R.T. 0.01 min

Lab File: VL037162.D

Acq: 15 Jun 2021 20:28

Instrument :

MSVOA_L

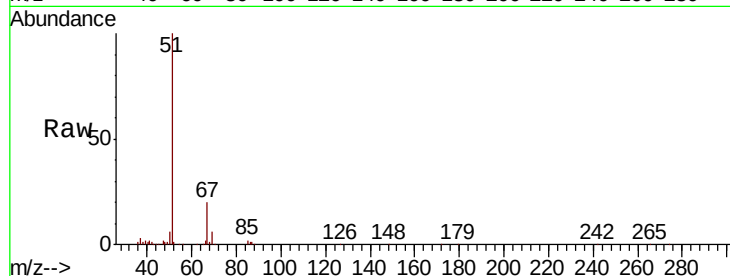
ClientSampleId :

Tot Ion: 51 Resp: 2622663

Ion Ratio Lower Upper

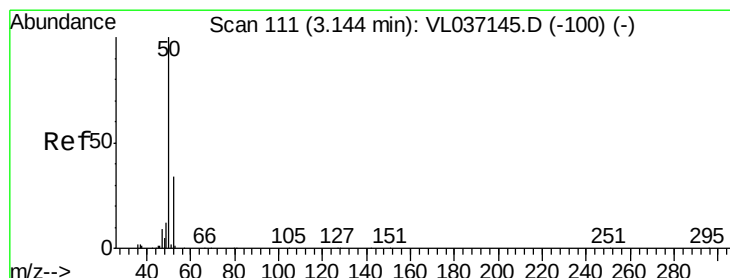
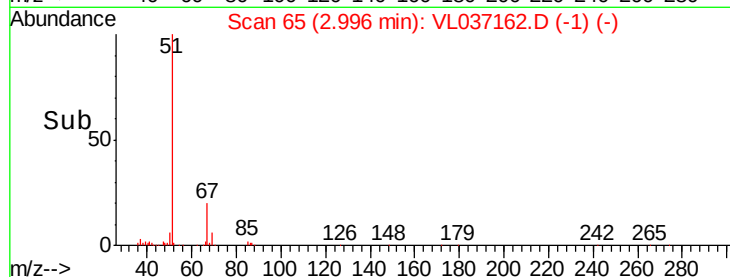
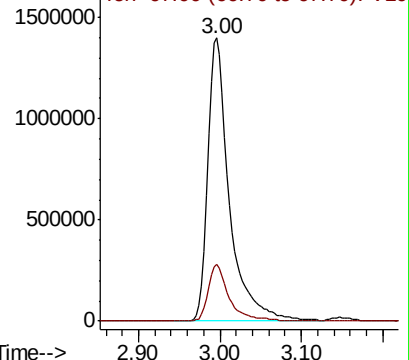
51 100

67 19.5 15.9 23.9



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 8.188 ppbv

RT: 3.15 min Scan# 113

Delta R.T. 0.01 min

Lab File: VL037162.D

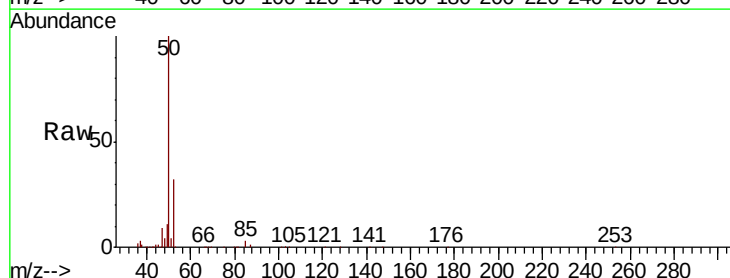
Acq: 15 Jun 2021 20:28

Tgt Ion: 50 Resp: 836780

Ion Ratio Lower Upper

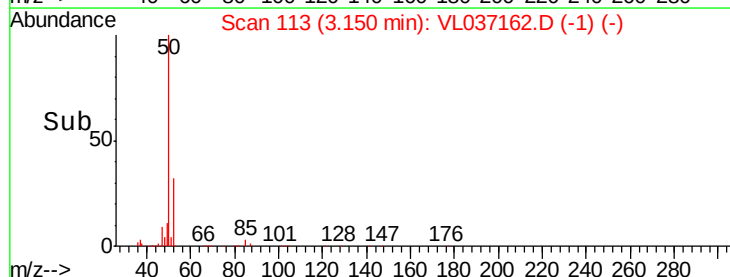
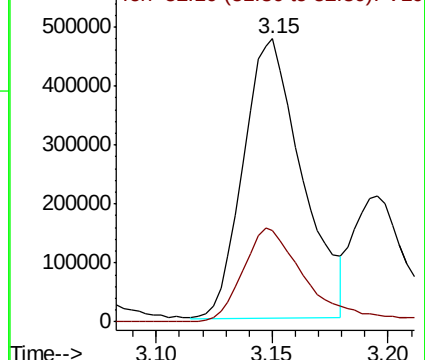
50 100

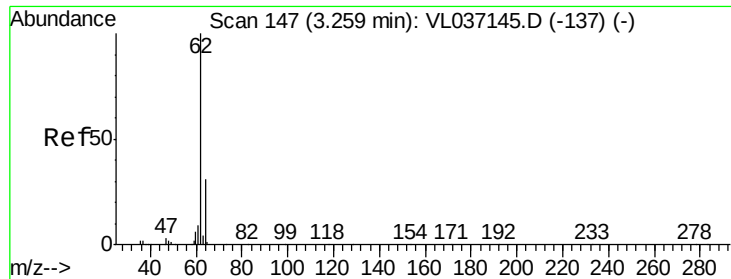
52 32.7 27.4 41.2



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 8.893 ppbv

RT: 3.27 min Scan# 149

Delta R.T. 0.01 min

Lab File: VL037162.D

Acq: 15 Jun 2021 20:28

Instrument :

MSVOA_L

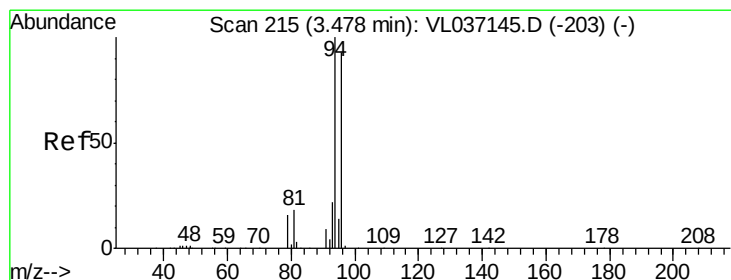
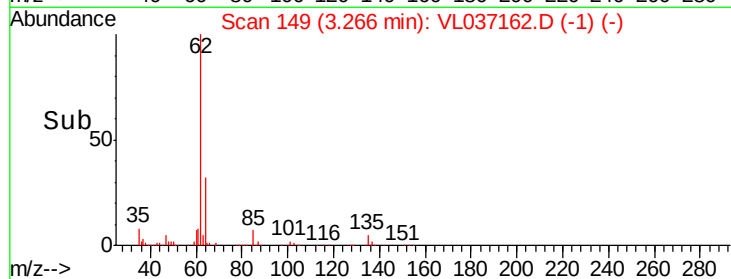
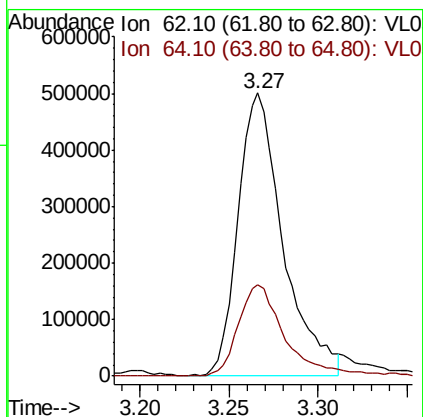
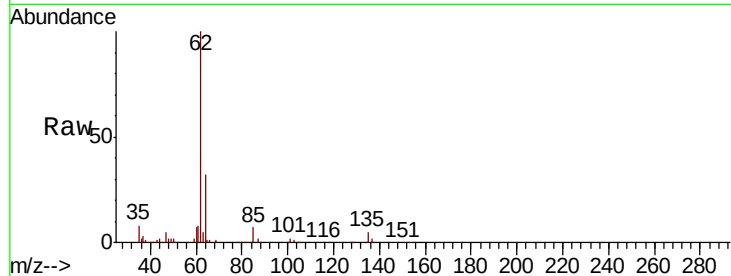
ClientSampleId :

Tot Ion: 62 Resp: 879201

Ion Ratio Lower Upper

62 100

64 32.2 25.2 37.8



#6

Bromomethane

Concen: 6.625 ppbv

RT: 3.48 min Scan# 217

Delta R.T. 0.01 min

Lab File: VL037162.D

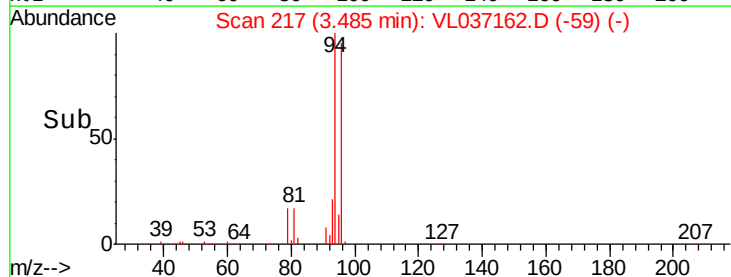
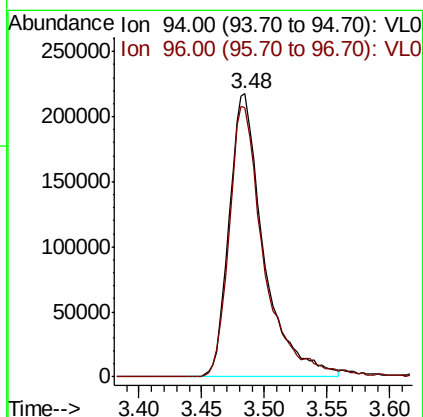
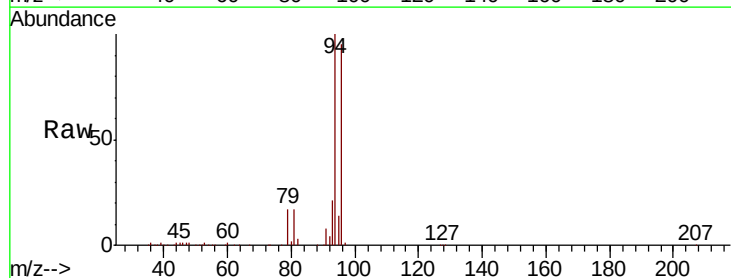
Acq: 15 Jun 2021 20:28

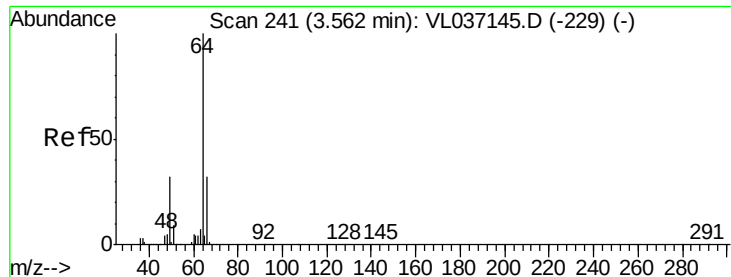
Tgt Ion: 94 Resp: 416619

Ion Ratio Lower Upper

94 100

96 95.0 74.2 111.2





#7

Chloroethane

Concen: 8.808 ppbv

RT: 3.57 min Scan# 243

Delta R.T. 0.01 min

Lab File: VL037162.D

Acq: 15 Jun 2021 20:28

Instrument :

MSVOA_L

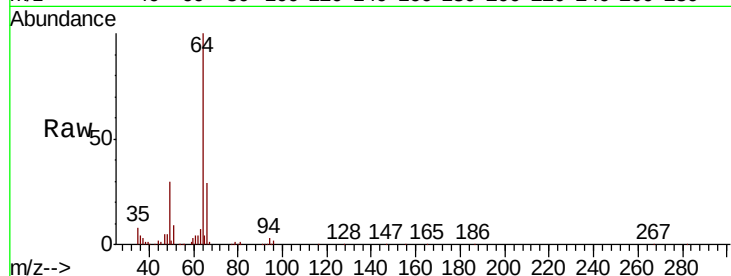
ClientSampleId :

Tot Ion: 64 Resp: 339785

Ion Ratio Lower Upper

64 100

66 29.4 25.3 37.9



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.57

200000

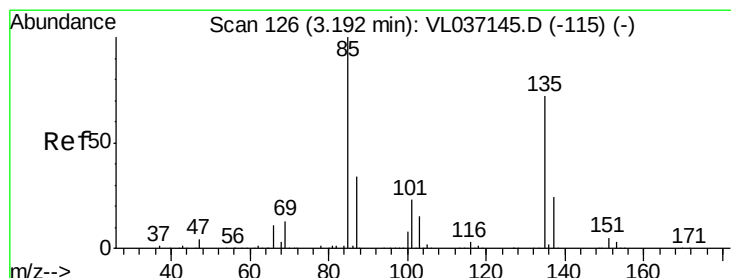
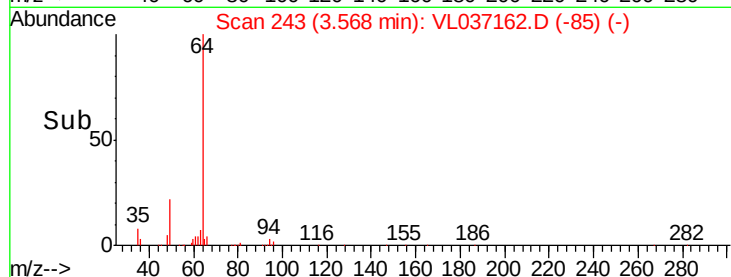
150000

100000

50000

0

Time-->



#8

Dichlorotetrafluoroethane

Concen: 8.475 ppbv

RT: 3.20 min Scan# 127

Delta R.T. 0.00 min

Lab File: VL037162.D

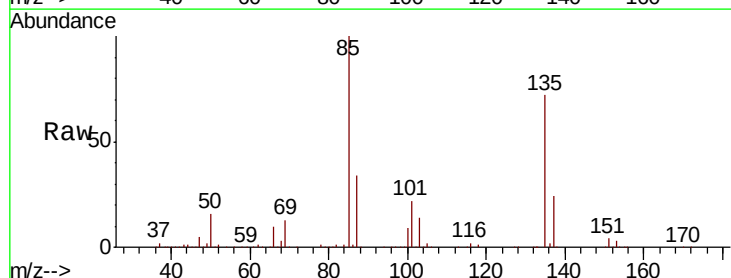
Acq: 15 Jun 2021 20:28

Tgt Ion: 85 Resp: 2305695

Ion Ratio Lower Upper

85 100

135 75.3 60.3 90.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

3.20

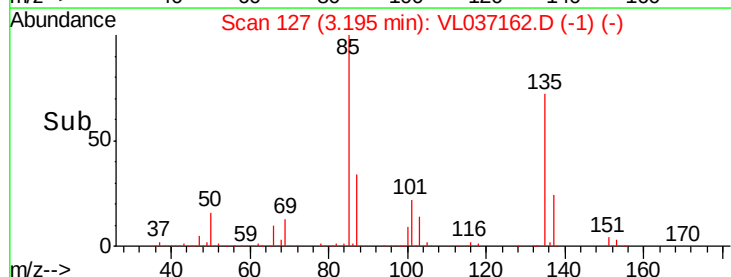
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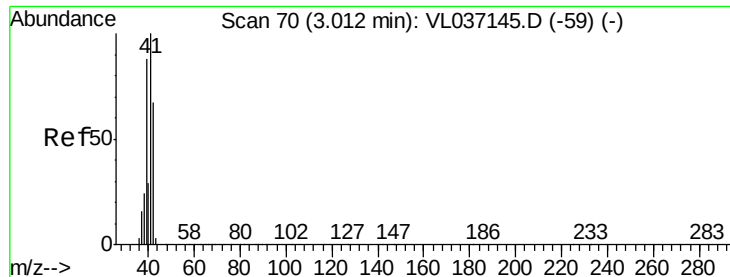
1000000

500000

0

Time-->





#9

Propene

Concen: 8.122 ppbv

RT: 3.02 min Scan# 71

Delta R.T. 0.00 min

Lab File: VL037162.D

Acq: 15 Jun 2021 20:28

Instrument :

MSVOA_L

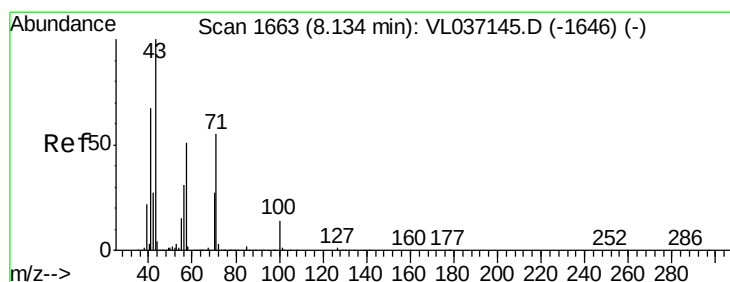
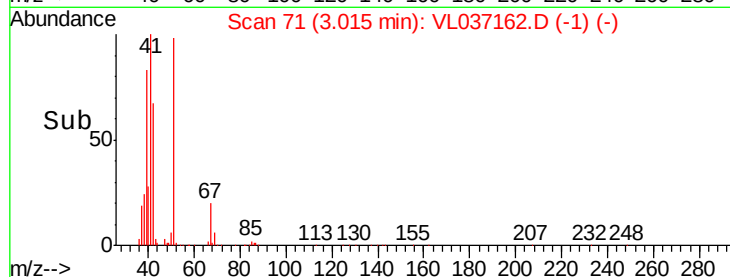
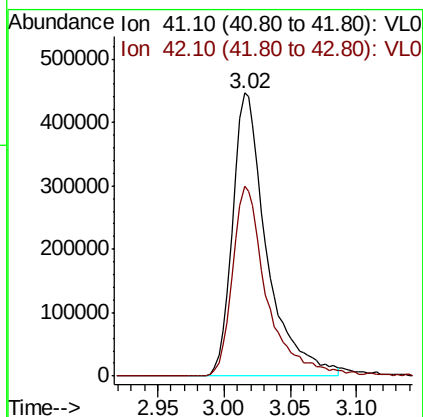
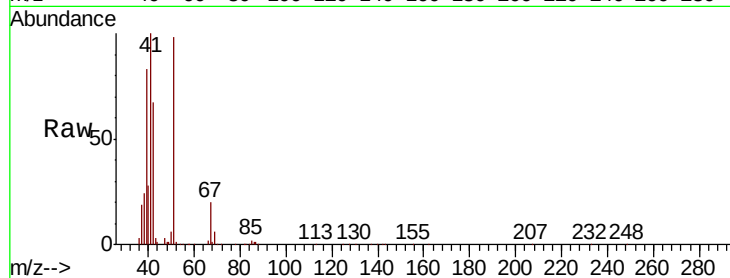
ClientSampleId :

Tot Ion: 41 Resp: 803474

Ion Ratio Lower Upper

41 100

42 68.0 53.8 80.8



#10

Heptane

Concen: 8.668 ppbv

RT: 8.14 min Scan# 1665

Delta R.T. 0.01 min

Lab File: VL037162.D

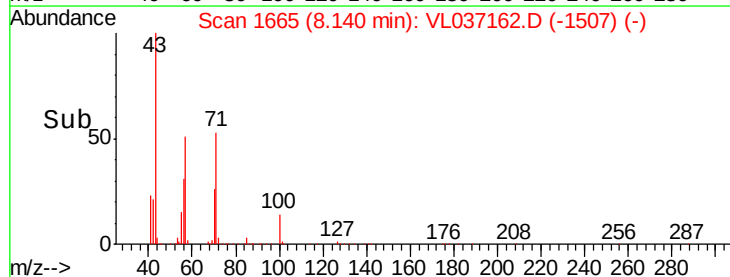
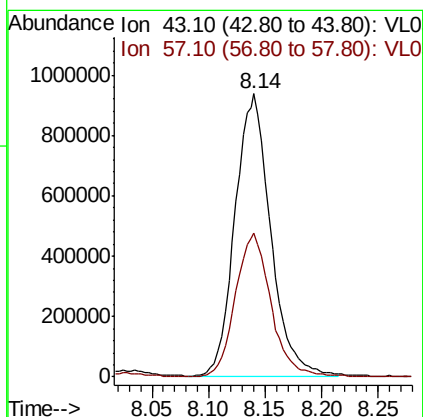
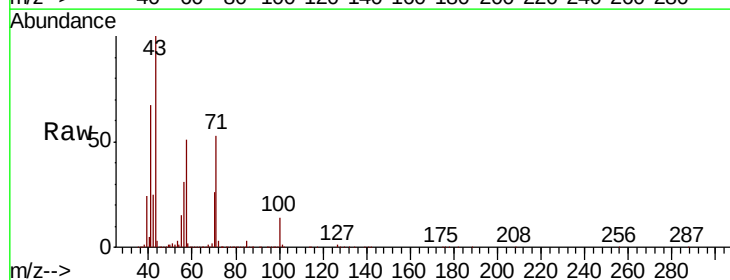
Acq: 15 Jun 2021 20:28

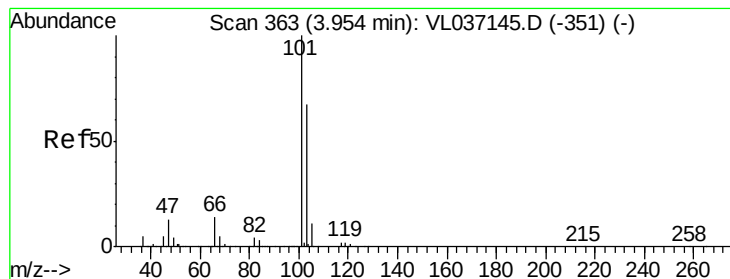
Tgt Ion: 43 Resp: 2044251

Ion Ratio Lower Upper

43 100

57 50.7 40.5 60.7





#11

Trichlorofluoromethane

Concen: 8.308 ppbv

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VL037162.D

Acq: 15 Jun 2021 20:28

Instrument :

MSVOA_L

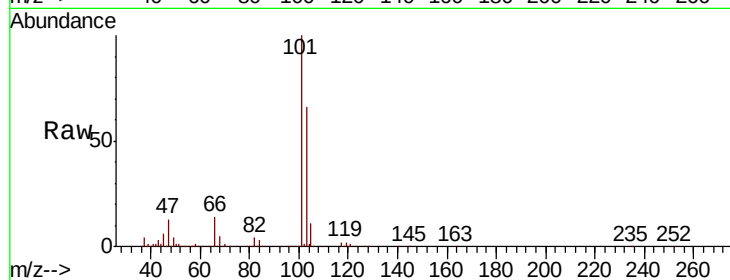
ClientSampleId :

Tot Ion:101 Resp: 2400039

Ion Ratio Lower Upper

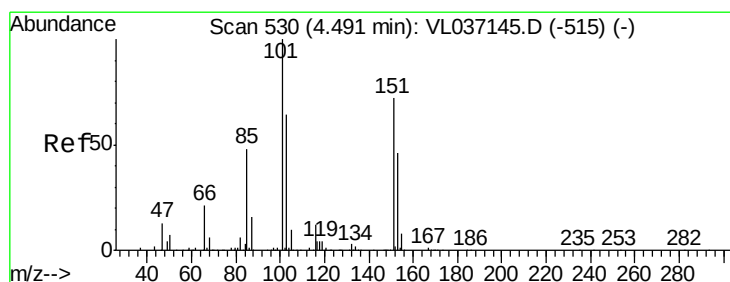
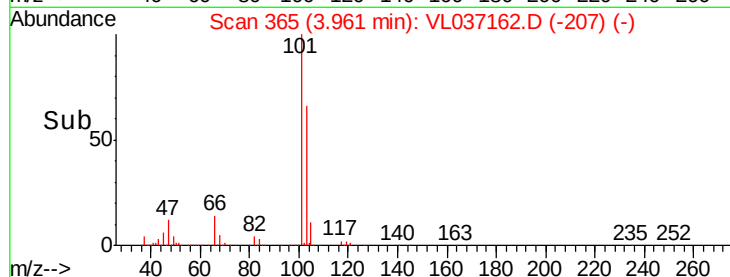
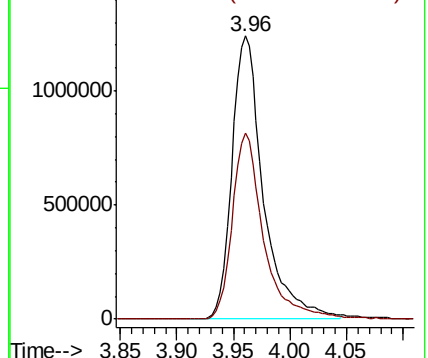
101 100

103 65.9 53.6 80.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 8.532 ppbv

RT: 4.49 min Scan# 531

Delta R.T. 0.00 min

Lab File: VL037162.D

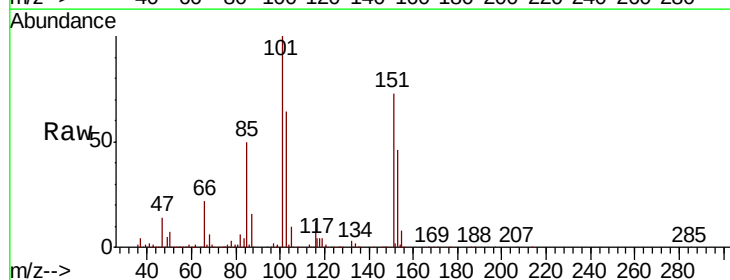
Acq: 15 Jun 2021 20:28

Tgt Ion:101 Resp: 1690905

Ion Ratio Lower Upper

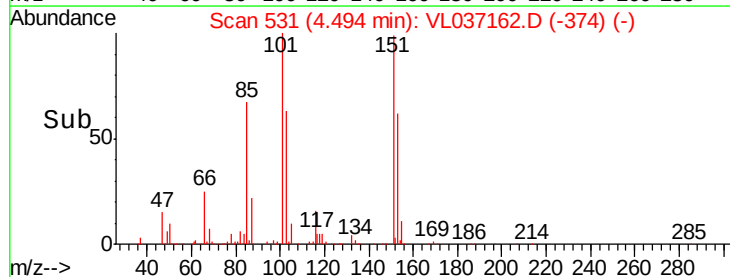
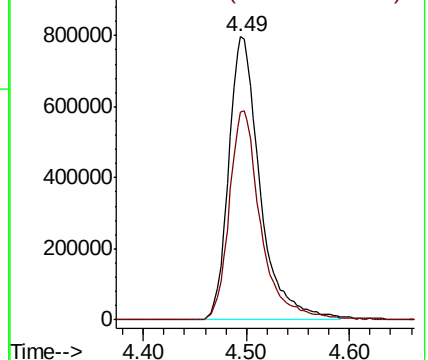
101 100

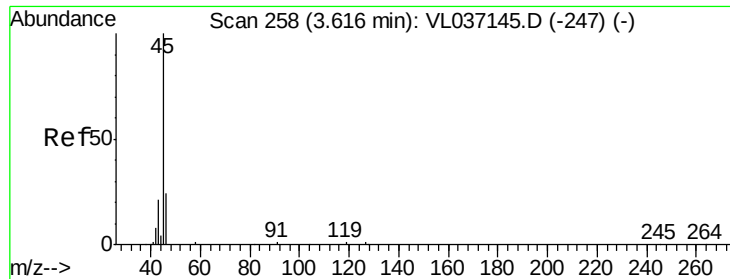
151 74.5 60.5 90.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V

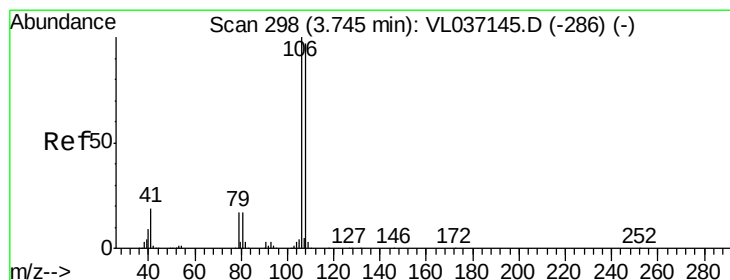
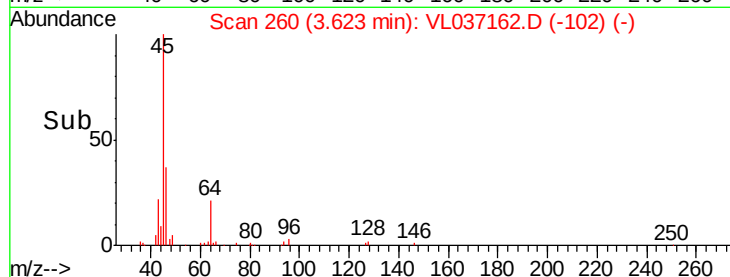
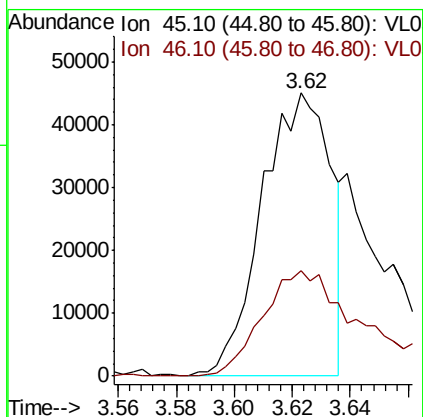
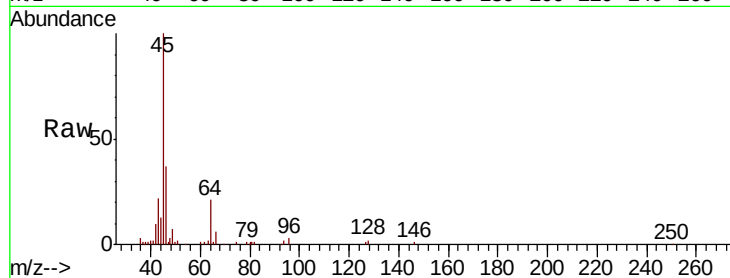




#13
Ethanol
Concen: 5.457 ppbv
RT: 3.62 min Scan# 260
Delta R.T. 0.01 min
Lab File: VL037162.D
Acq: 15 Jun 2021 20:28

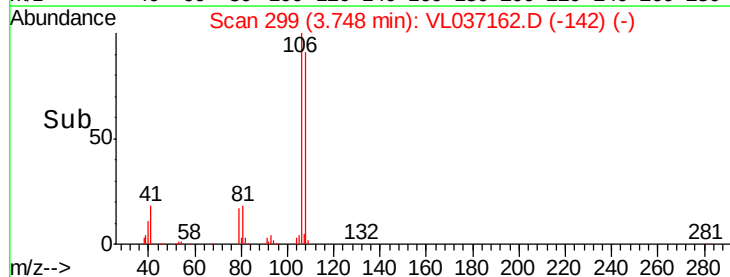
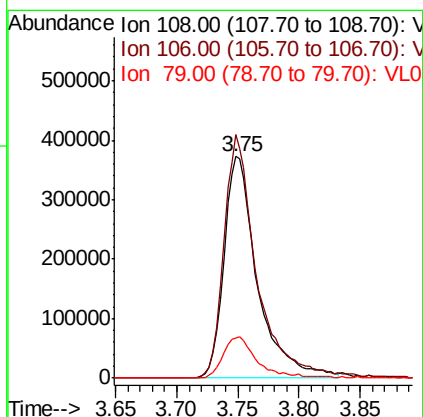
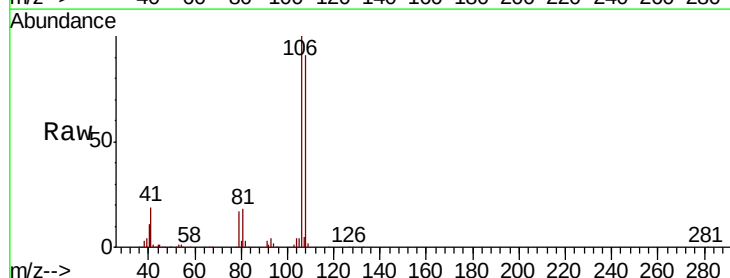
Instrument :
MSVOA_L
ClientSampled :

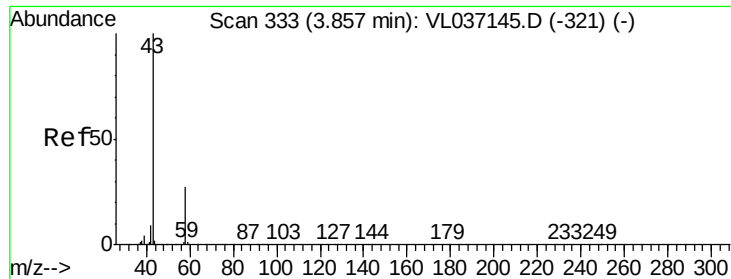
Tot Ion: 45 Resp: 74584
Ion Ratio Lower Upper
45 100
46 65.6 15.4 61.8#



#14
Bromoethene
Concen: 8.357 ppbv
RT: 3.75 min Scan# 299
Delta R.T. 0.00 min
Lab File: VL037162.D
Acq: 15 Jun 2021 20:28

Tgt Ion: 108 Resp: 716698
Ion Ratio Lower Upper
108 100
106 108.8 86.5 129.7
79 19.8 15.4 23.2

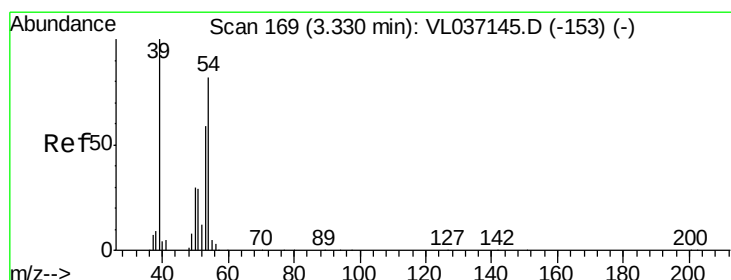
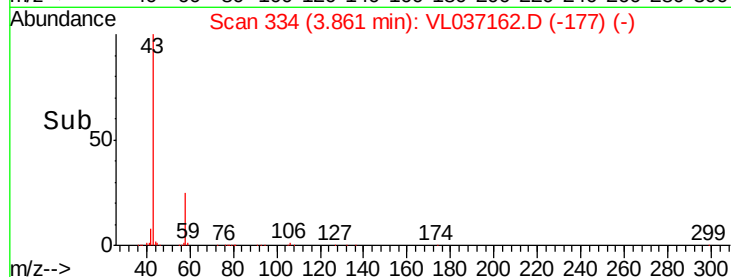
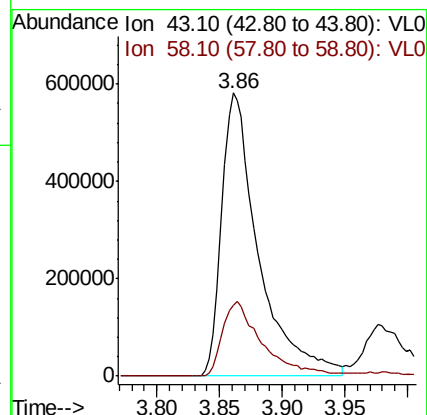
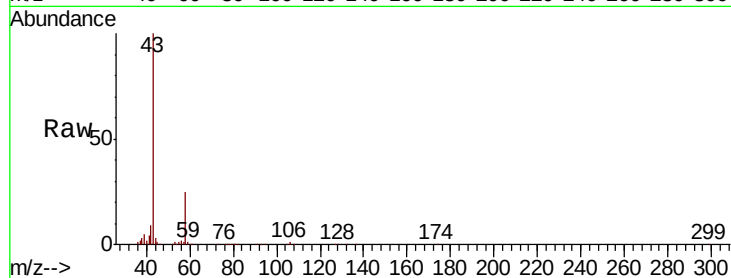




#15
Acetone
Concen: 6.201 ppbv
RT: 3.86 min Scan# 334
Delta R.T. 0.00 min
Lab File: VL037162.D
Acq: 15 Jun 2021 20:28

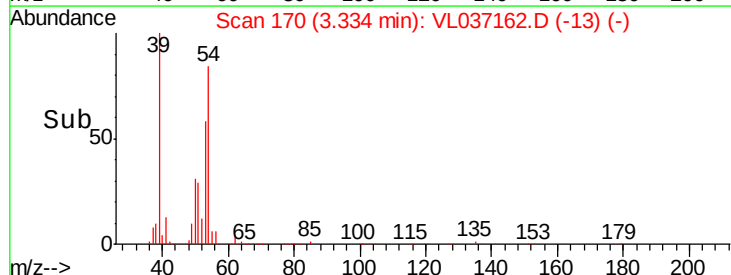
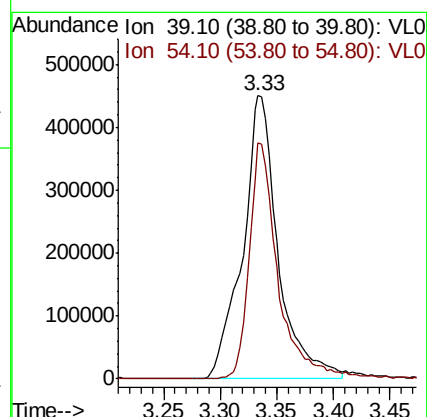
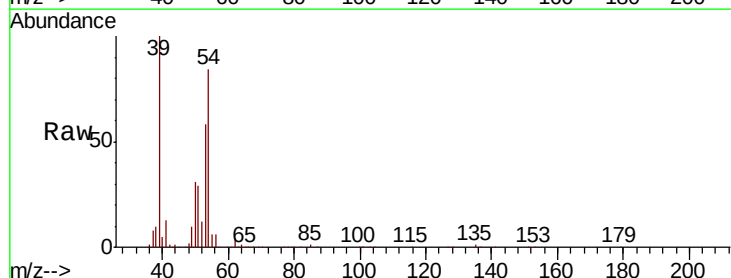
Instrument :
MSVOA_L
ClientSampleId :

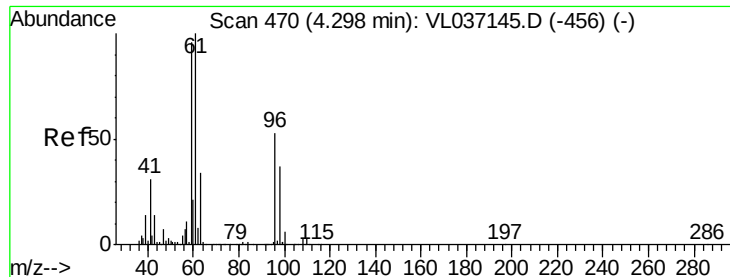
Tot Ion: 43 Resp: 1186368
Ion Ratio Lower Upper
43 100
58 28.5 23.0 34.6



#16
1,3-Butadiene
Concen: 9.531 ppbv
RT: 3.33 min Scan# 170
Delta R.T. 0.00 min
Lab File: VL037162.D
Acq: 15 Jun 2021 20:28

Tgt Ion: 39 Resp: 984452
Ion Ratio Lower Upper
39 100
54 68.6 61.8 92.6



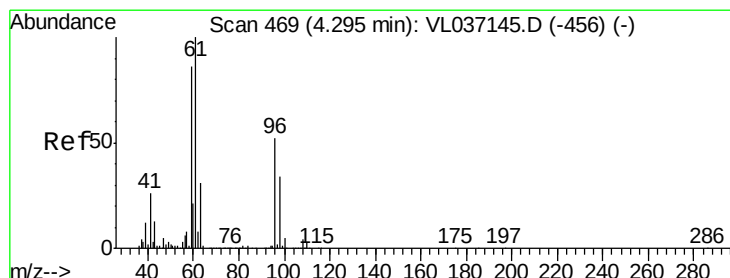
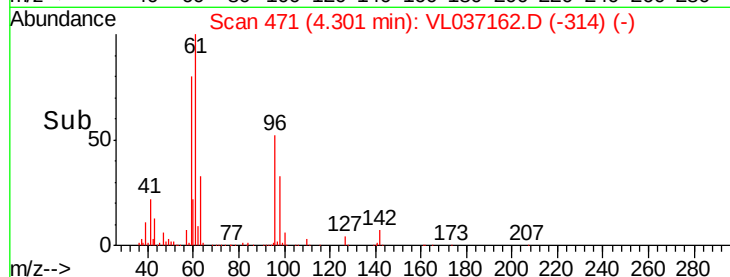
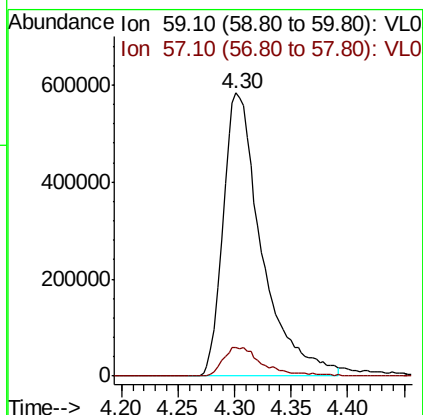
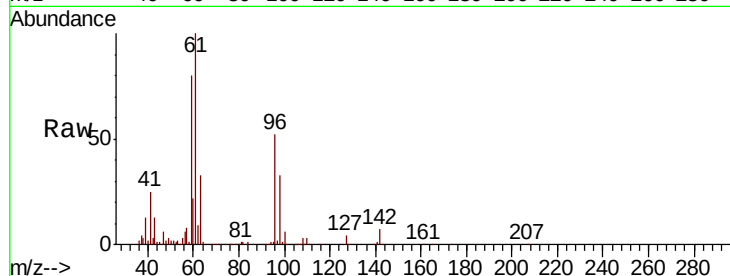


#17

tert-Butyl alcohol
Concen: 8.342 ppbv
RT: 4.30 min Scan# 471
Delta R.T. 0.00 min
Lab File: VL037162.D
Acq: 15 Jun 2021 20:28

Instrument :
MSVOA_L
ClientSampleId :

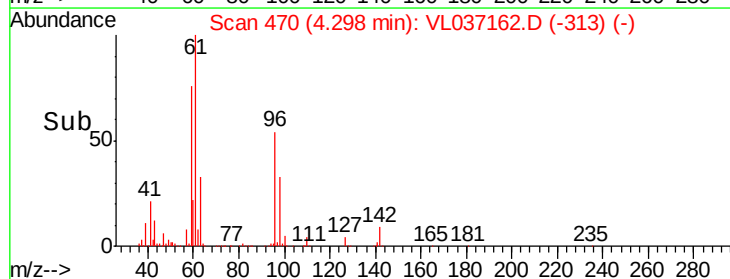
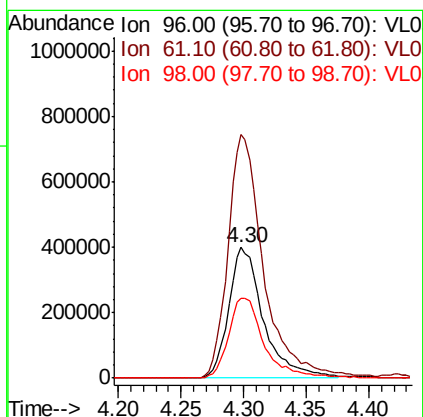
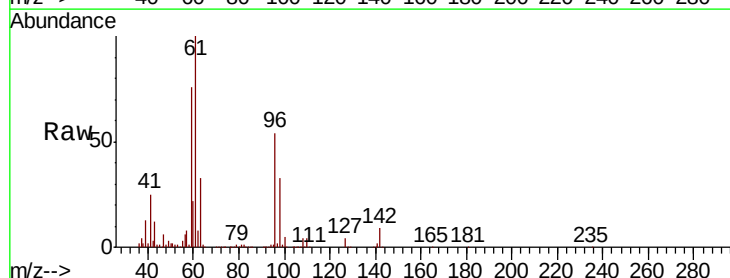
Tot Ion: 59 Resp: 1381214
Ion Ratio Lower Upper
59 100
57 10.9 8.8 13.2

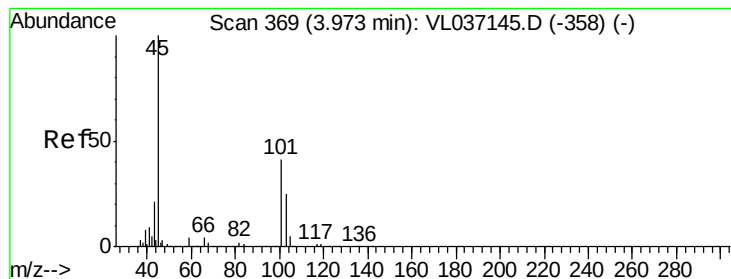


#18

1,1-Dichloroethene
Concen: 8.600 ppbv
RT: 4.30 min Scan# 470
Delta R.T. 0.00 min
Lab File: VL037162.D
Acq: 15 Jun 2021 20:28

Tgt Ion: 96 Resp: 768900
Ion Ratio Lower Upper
96 100
61 186.5 154.0 231.0
98 61.4 52.3 78.5





#19

Isopropyl Alcohol

Concen: 8.422 ppbv

RT: 3.98 min Scan# 371

Delta R.T. 0.01 min

Lab File: VL037162.D

Acq: 15 Jun 2021 20:28

Instrument :

MSVOA_L

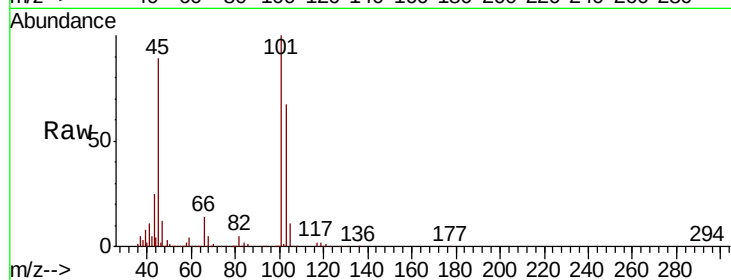
ClientSampleId :

Tot Ion: 45 Resp: 884135

Ion Ratio Lower Upper

45 100

58 2.6 1.4 2.2#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.98

400000

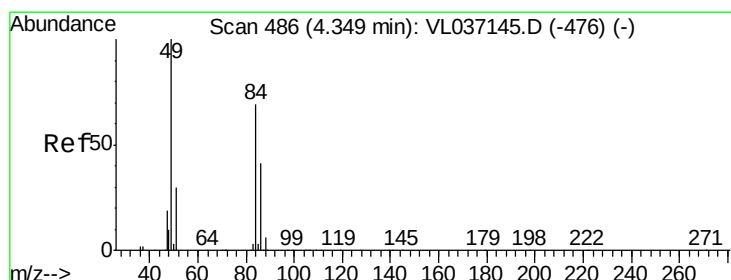
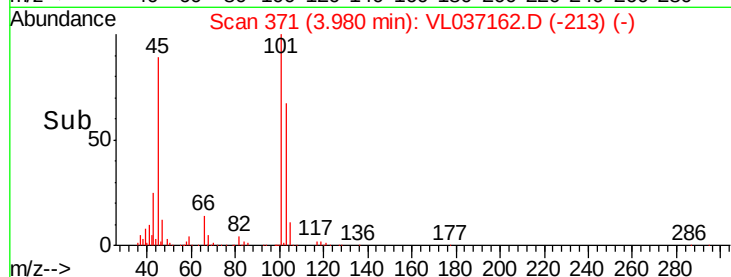
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 7.091 ppbv

RT: 4.36 min Scan# 488

Delta R.T. 0.01 min

Lab File: VL037162.D

Acq: 15 Jun 2021 20:28

Tgt Ion: 84 Resp: 591190

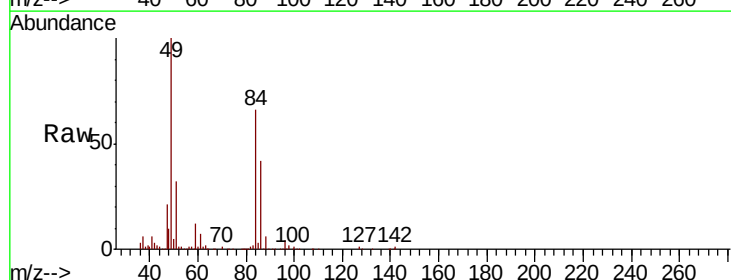
Ion Ratio Lower Upper

84 100

49 148.6 115.3 172.9

51 46.1 34.2 51.4

86 62.8 47.8 71.6



Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

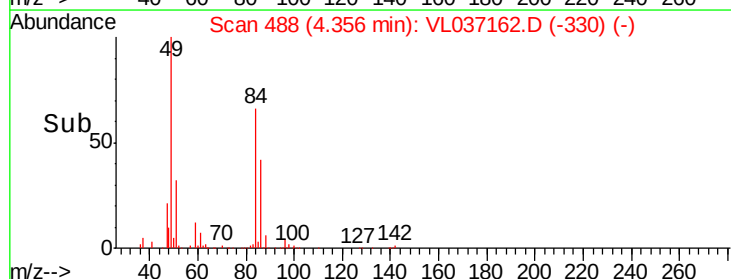
600000

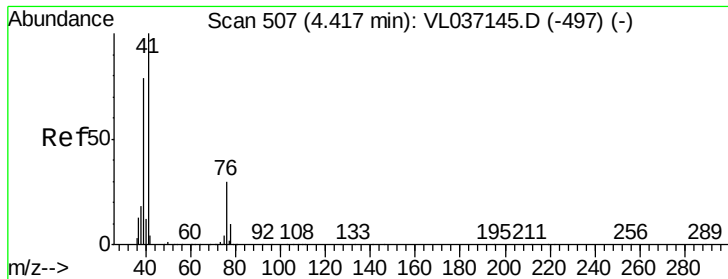
400000

200000

0

Time-->

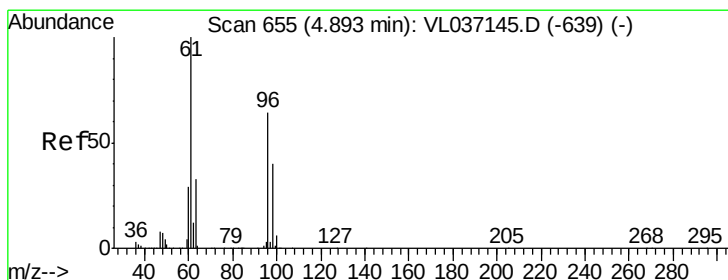
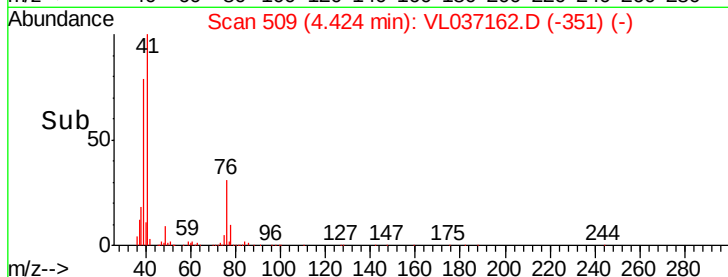
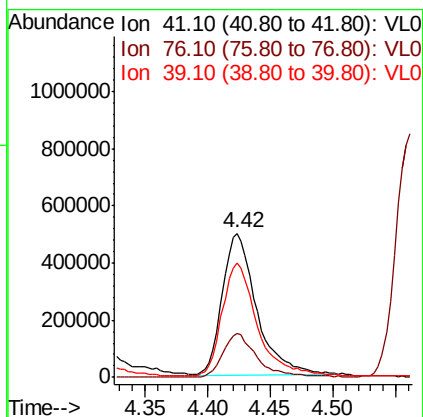
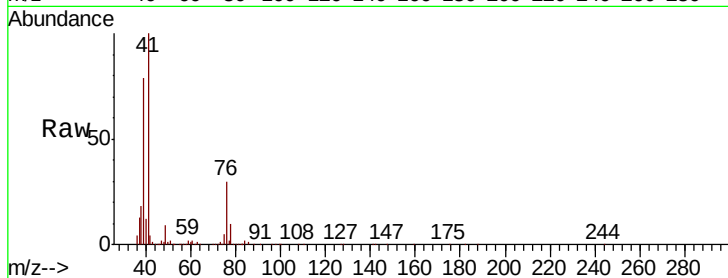




#21
 Allvl Chloride
 Concen: 7.403 ppbv
 RT: 4.42 min Scan# 509
 Delta R.T. 0.01 min
 Lab File: VL037162.D
 Acq: 15 Jun 2021 20:28

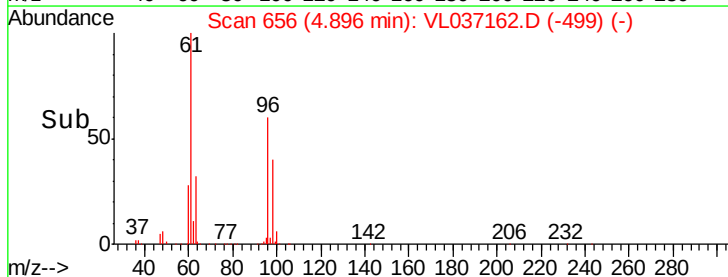
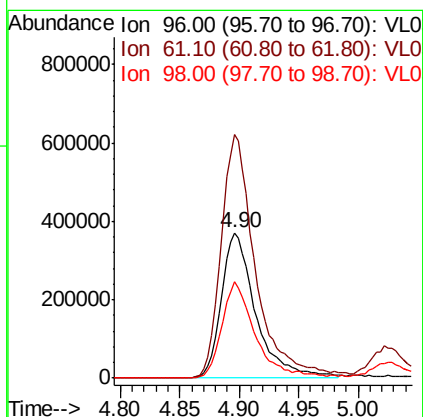
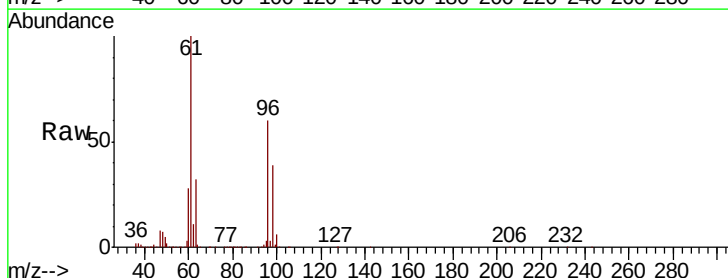
Instrument :
 MSVOA_L
 ClientSampled :

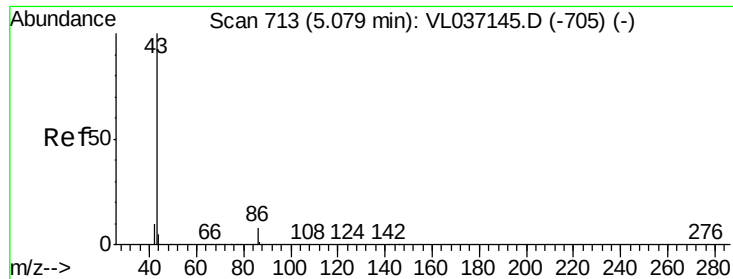
Tot Ion	Ratio	Lower	Upper
41	100		
76	31.1	25.2	37.8
39	81.6	66.2	99.2



#22
 trans-1,2-Dichloroethene
 Concen: 8.515 ppbv
 RT: 4.90 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: VL037162.D
 Acq: 15 Jun 2021 20:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.5	125.3	187.9
98	66.1	50.3	75.5



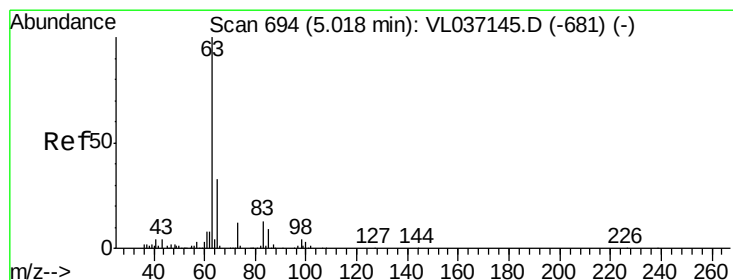
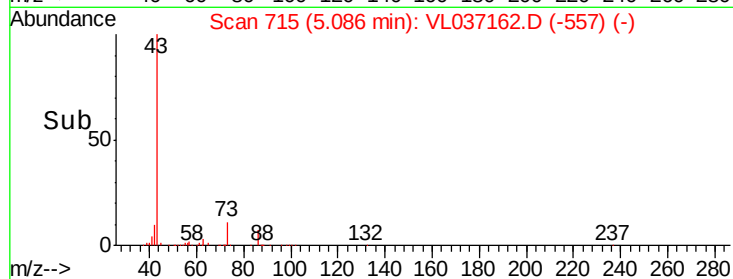
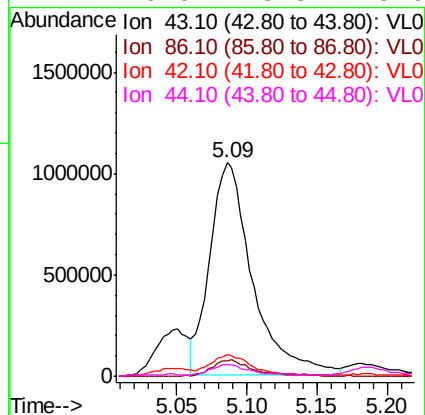
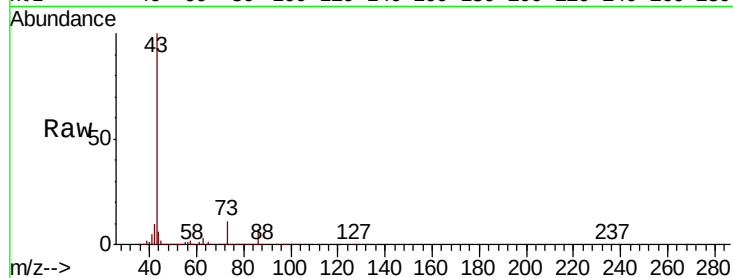


#23
 Vinyl Acetate
 Concen: 8.808 ppbv
 RT: 5.09 min Scan# 715
 Delta R.T. 0.01 min
 Lab File: VL037162.D
 Acq: 15 Jun 2021 20:28

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 43 Resp: 2212773

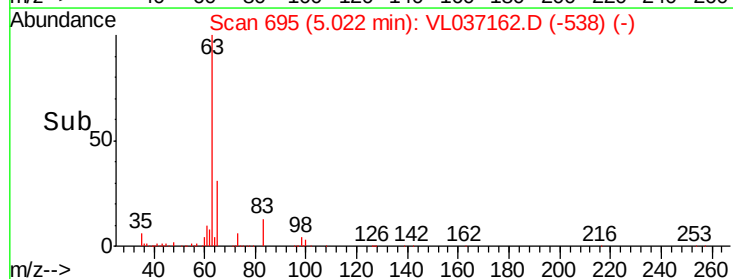
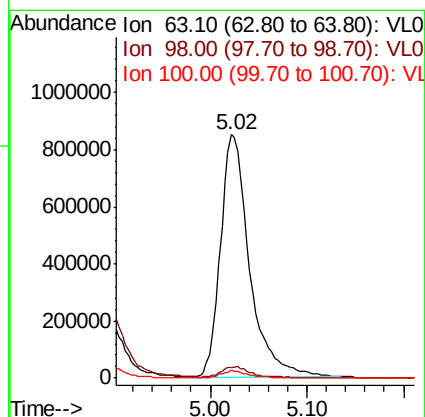
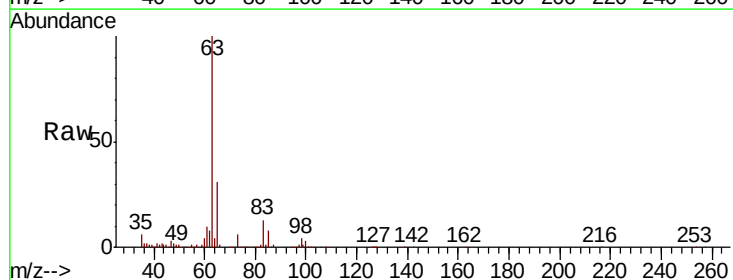
Ion	Ratio	Lower	Upper
43	100		
86	7.2	5.4	8.2
42	9.8	8.6	12.8
44	5.0	3.8	5.6

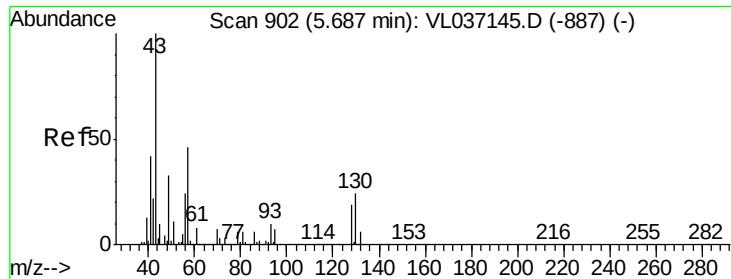


#24
 1,1-Dichloroethane
 Concen: 8.803 ppbv
 RT: 5.02 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: VL037162.D
 Acq: 15 Jun 2021 20:28

Tgt Ion: 63 Resp: 1774951

Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.4	7.1
100	3.2	1.6	4.8

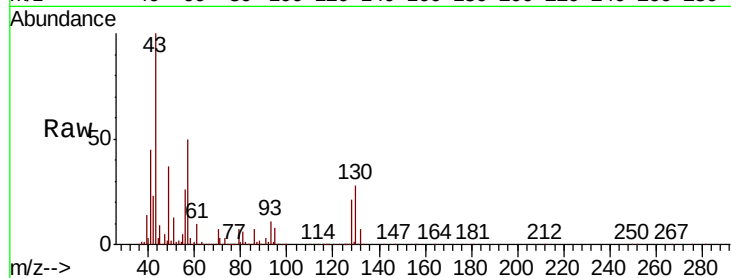




#25
Ethyl Acetate
Concen: 8.232 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.01 min
Lab File: VL037162.D
Acq: 15 Jun 2021 20:28

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:	43	Resp:	3085932
Ion	Ratio	Lower	Upper
43	100		
45	9.7	7.8	11.8
61	9.8	7.5	11.3
70	6.9	5.7	8.5



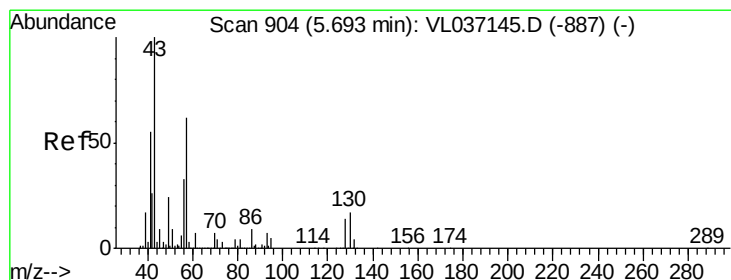
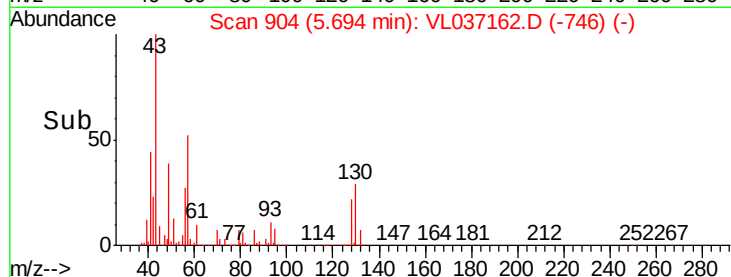
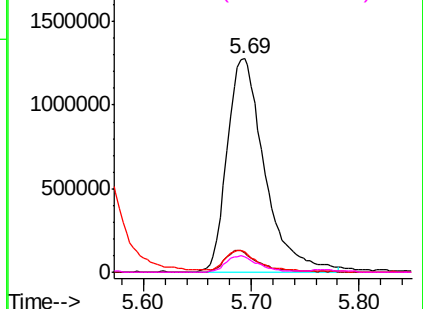
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

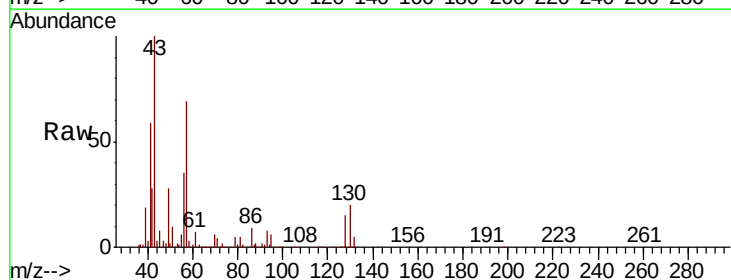
Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 8.189 ppbv
RT: 5.70 min Scan# 906
Delta R.T. 0.01 min
Lab File: VL037162.D
Acq: 15 Jun 2021 20:28

Tgt Ion:	57	Resp:	1526751
Ion	Ratio	Lower	Upper
57	100		
41	91.8	73.6	110.4
43	205.5	168.8	253.2
56	52.7	42.3	63.5



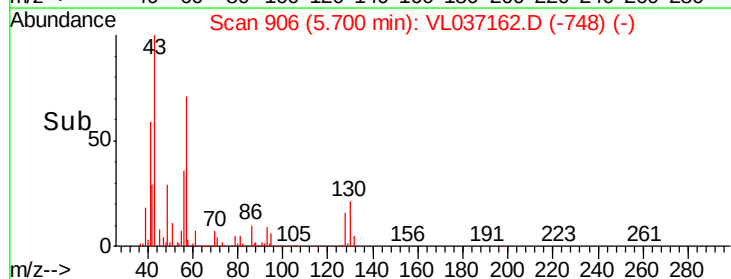
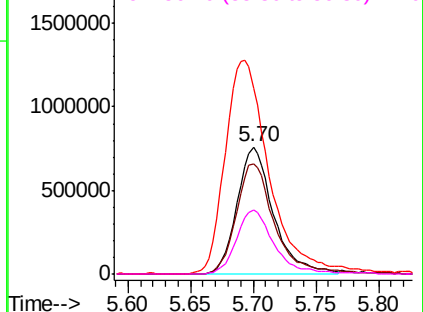
Abundance

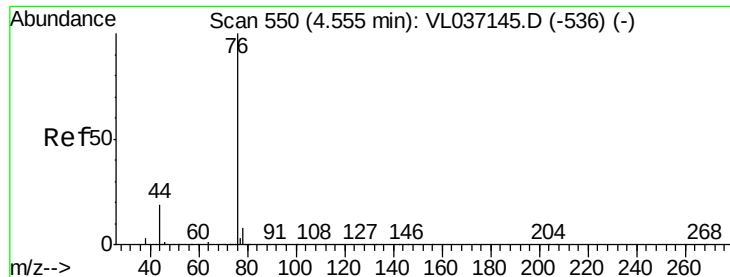
Ion 57.10 (56.80 to 57.80): VL0

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: 9.119 ppbv

RT: 4.56 min Scan# 552

Delta R.T. 0.01 min

Lab File: VL037162.D

Acq: 15 Jun 2021 20:28

Instrument :

MSVOA_L

ClientSampled :

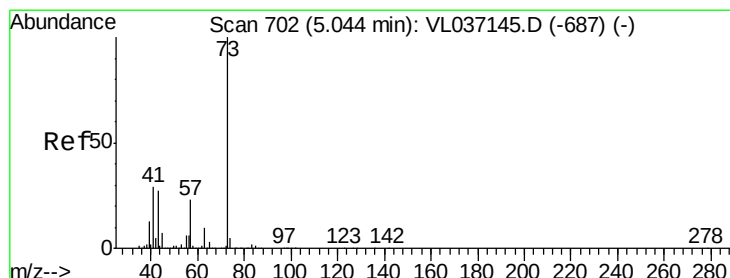
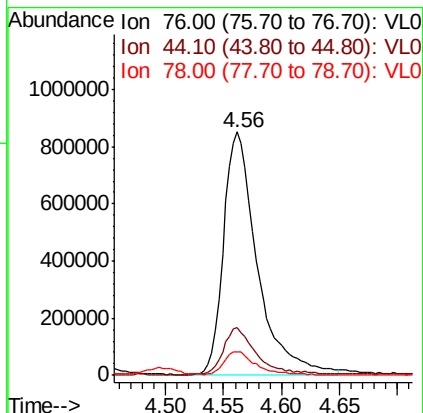
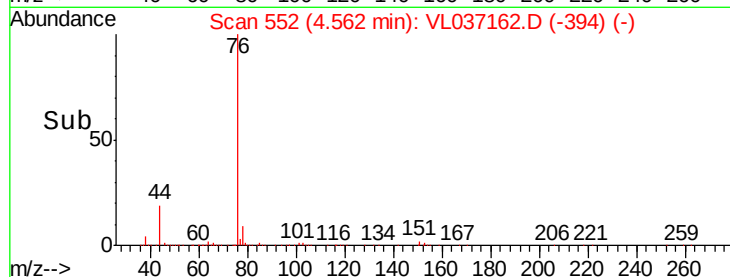
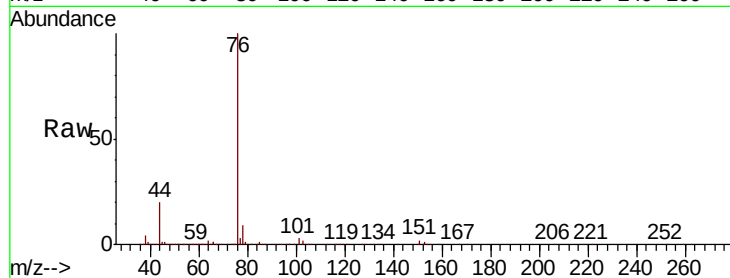
Tot Ion: 76 Resp: 1723695

Ion Ratio Lower Upper

76 100

44 19.4 15.6 23.4

78 9.7 7.6 11.4



#28

Methyl tert-Butyl Ether

Concen: 8.124 ppbv

RT: 5.05 min Scan# 703

Delta R.T. 0.00 min

Lab File: VL037162.D

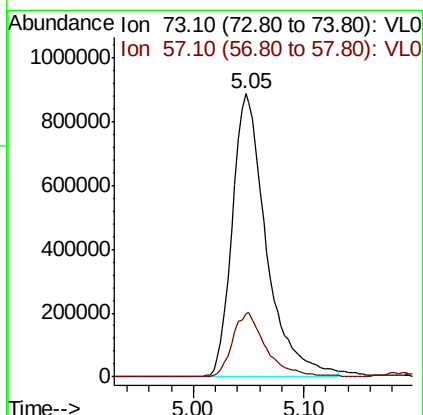
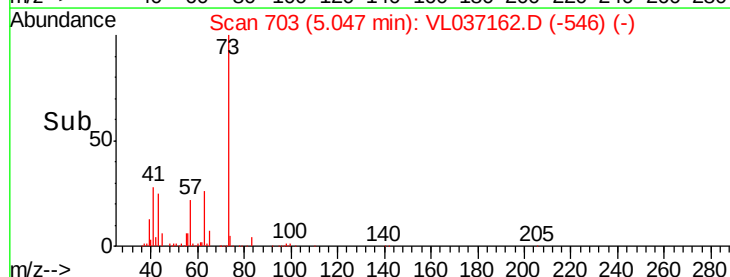
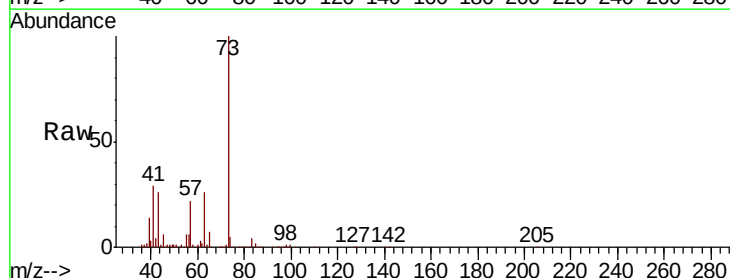
Acq: 15 Jun 2021 20:28

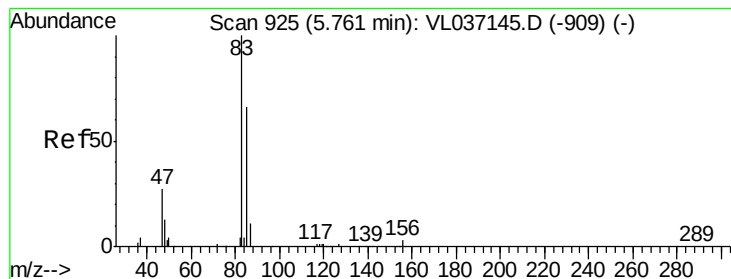
Tgt Ion: 73 Resp: 1896846

Ion Ratio Lower Upper

73 100

57 22.6 18.2 27.4





#29

Chloroform

Concen: 8.231 ppbv

RT: 5.77 min Scan# 927

Delta R.T. 0.01 min

Lab File: VL037162.D

Acq: 15 Jun 2021 20:28

Instrument :

MSVOA_L

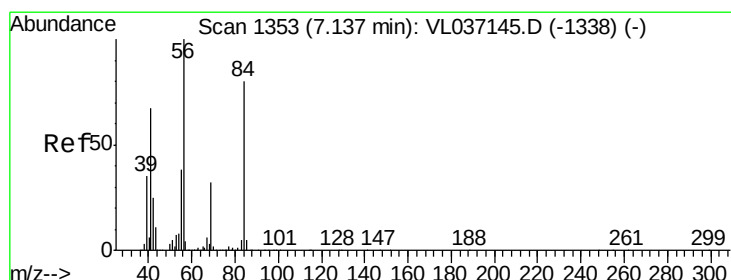
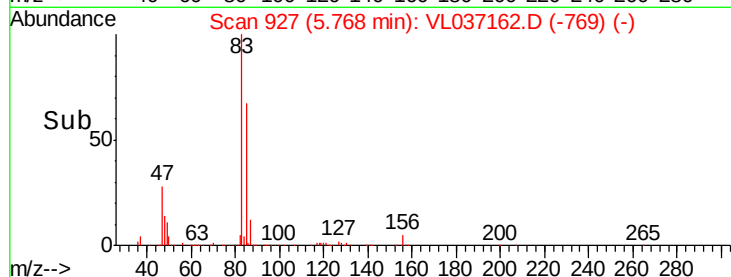
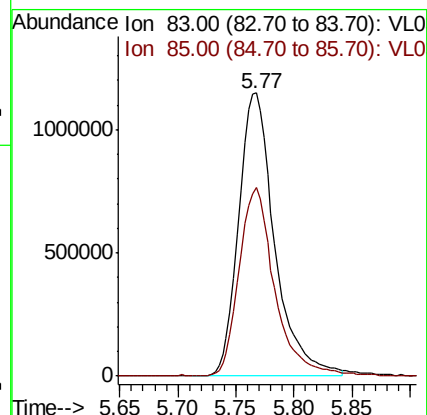
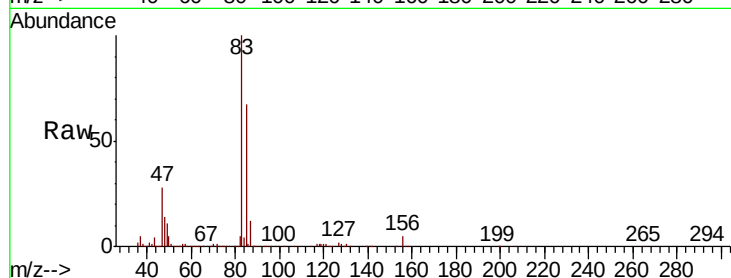
ClientSampleId :

Tot Ion: 83 Resp: 2477137

Ion Ratio Lower Upper

83 100

85 66.7 52.6 78.8



#30

Cyclohexane

Concen: 8.587 ppbv

RT: 7.14 min Scan# 1355

Delta R.T. 0.01 min

Lab File: VL037162.D

Acq: 15 Jun 2021 20:28

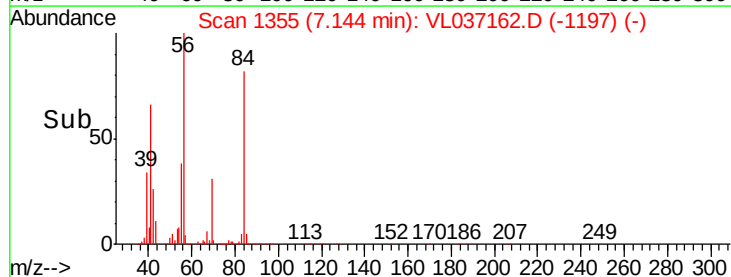
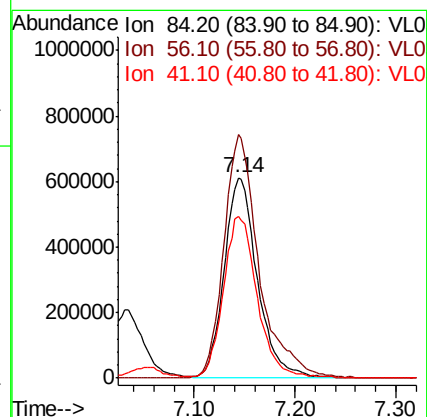
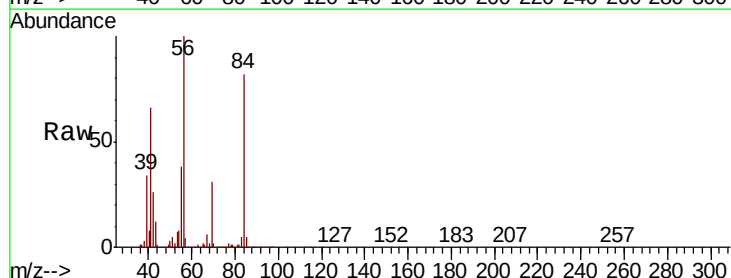
Tgt Ion: 84 Resp: 1395697

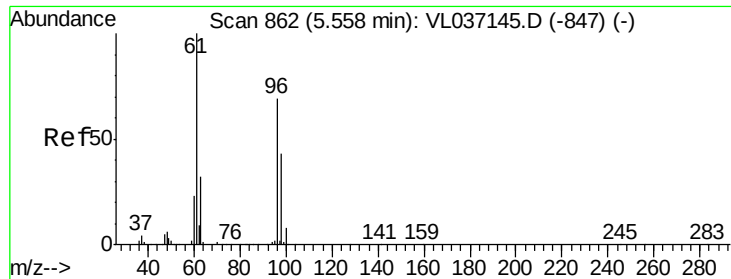
Ion Ratio Lower Upper

84 100

56 130.3 103.9 155.9

41 83.0 66.5 99.7



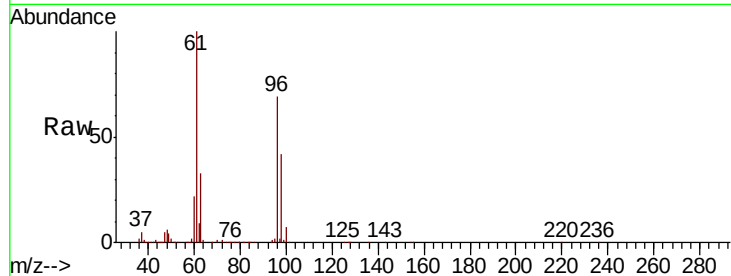


#31

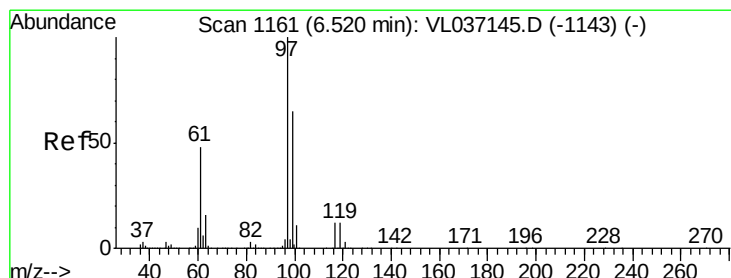
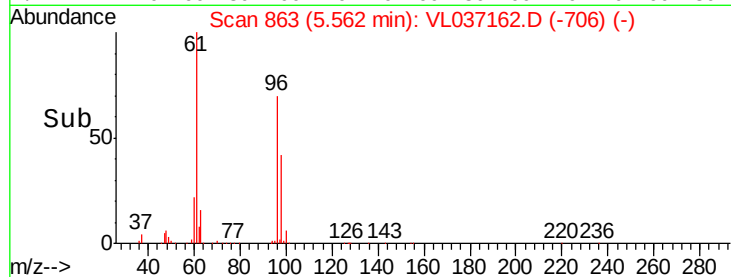
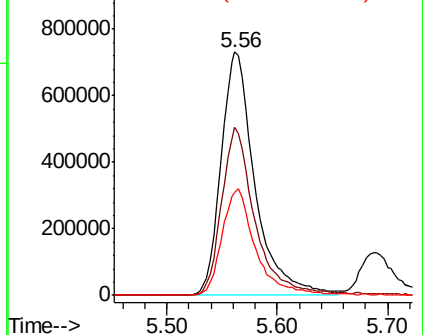
cis-1,2-Dichloroethene
Concen: 8.653 ppbv
RT: 5.56 min Scan# 863
Delta R.T. 0.00 min
Lab File: VL037162.D
Acq: 15 Jun 2021 20:28

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 61 Resp: 1554665
Ion Ratio Lower Upper
61 100
96 69.1 55.3 82.9
98 42.1 34.7 52.1



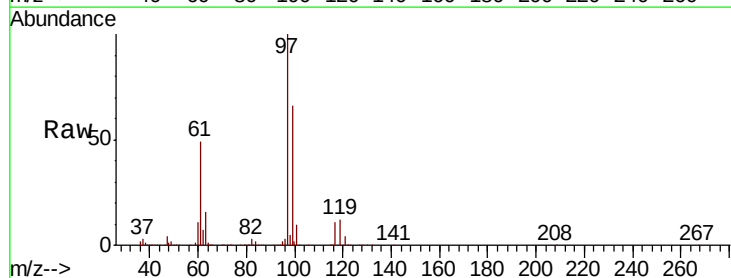
Abundance Ion 61.10 (60.80 to 61.80): VL0
Ion 96.00 (95.70 to 96.70): VL0
Ion 98.00 (97.70 to 98.70): VL0



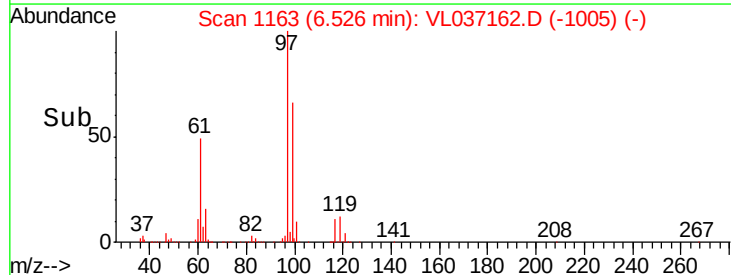
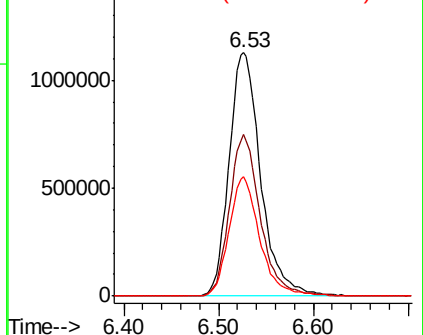
#32

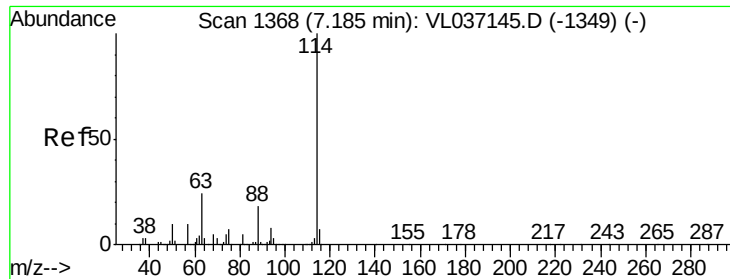
1,1,1-Trichloroethane
Concen: 9.477 ppbv
RT: 6.53 min Scan# 1163
Delta R.T. 0.01 min
Lab File: VL037162.D
Acq: 15 Jun 2021 20:28

Tgt Ion: 97 Resp: 2618954
Ion Ratio Lower Upper
97 100
99 65.1 52.4 78.6
61 47.9 38.5 57.7



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

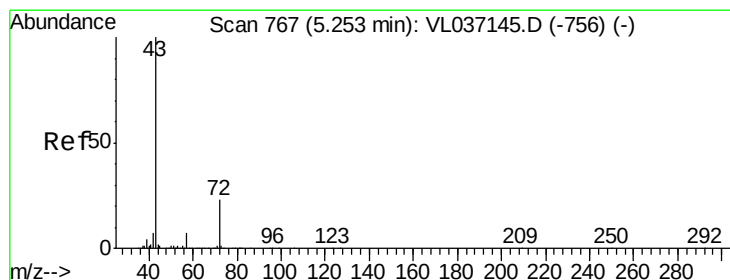
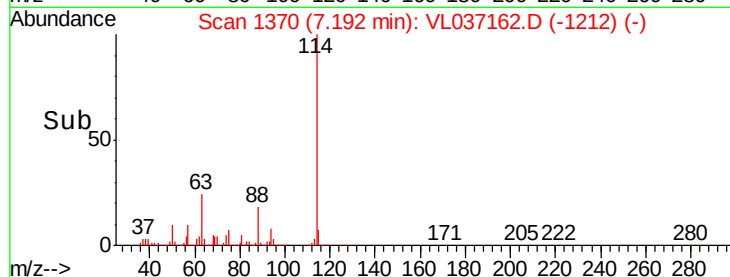
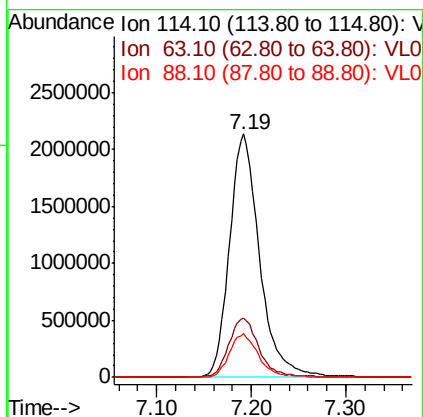
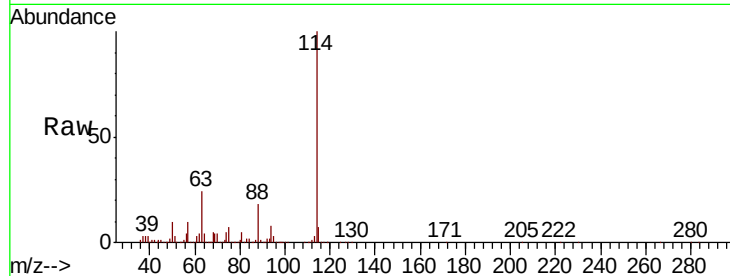




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1370
 Delta R.T. 0.01 min
 Lab File: VL037162.D
 Acq: 15 Jun 2021 20:28

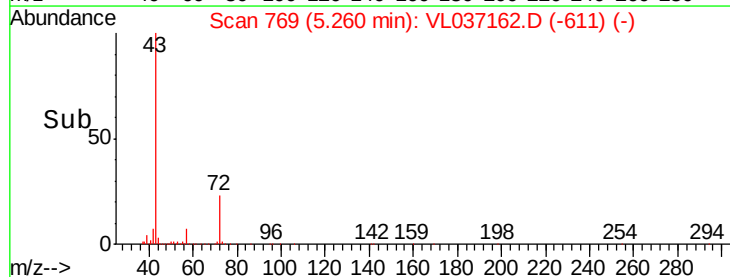
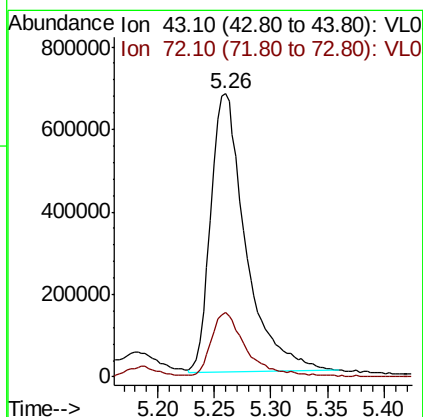
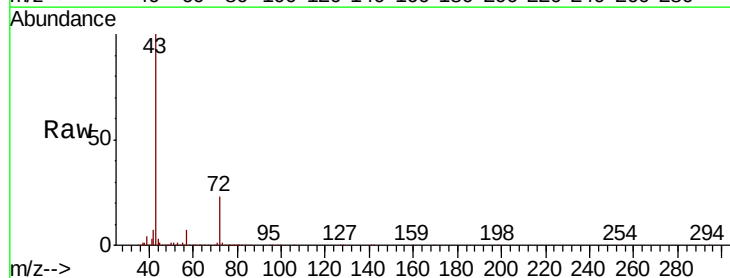
Instrument :
 MSVOA_L
 ClientSampleId :

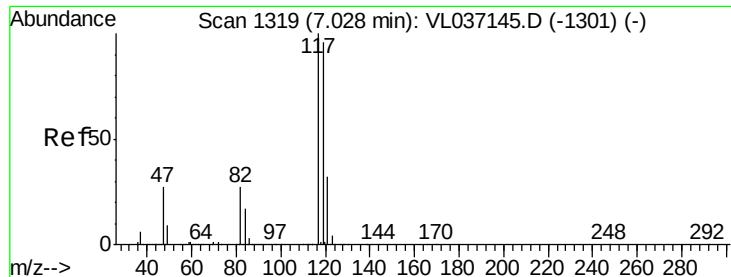
Tot Ion:114 Resp: 4718208
 Ion Ratio Lower Upper
 114 100
 63 24.9 19.8 29.6
 88 17.7 14.3 21.5



#34
 2-Butanone
 Concen: 8.188 ppbv
 RT: 5.26 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VL037162.D
 Acq: 15 Jun 2021 20:28

Tgt Ion: 43 Resp: 1450977
 Ion Ratio Lower Upper
 43 100
 72 23.7 18.6 28.0





#35

Carbon Tetrachloride

Concen: 9.541 ppbv

RT: 7.03 min Scan# 1321

Delta R.T. 0.01 min

Lab File: VL037162.D

Acq: 15 Jun 2021 20:28

Instrument :

MSVOA_L

ClientSampleId :

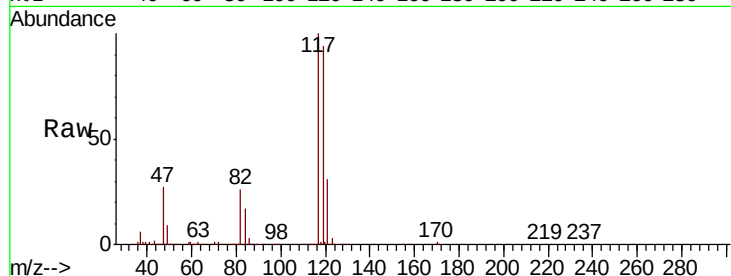
Tot Ion:117 Resp: 2767338

Ion Ratio Lower Upper

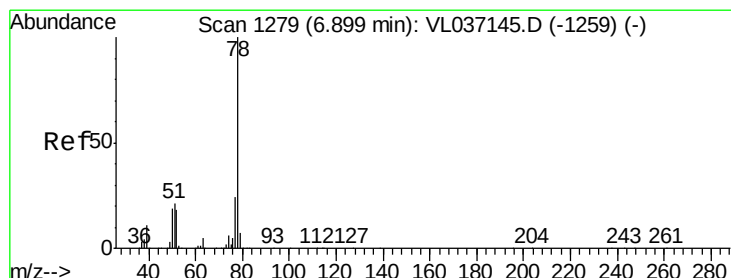
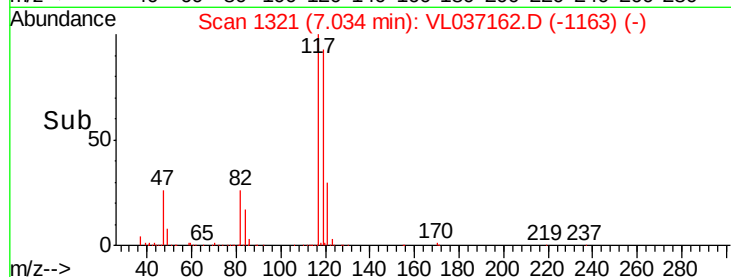
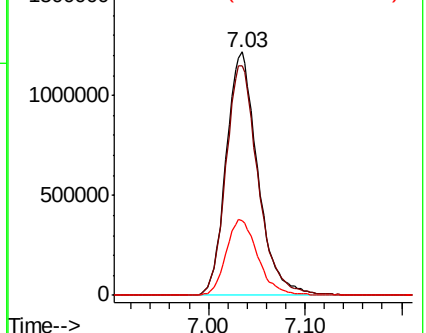
117 100

119 94.3 77.0 115.4

121 30.6 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: 8.603 ppbv

RT: 6.91 min Scan# 1281

Delta R.T. 0.01 min

Lab File: VL037162.D

Acq: 15 Jun 2021 20:28

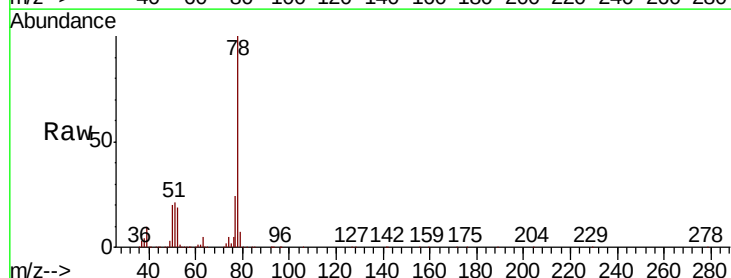
Tgt Ion: 78 Resp: 3220823

Ion Ratio Lower Upper

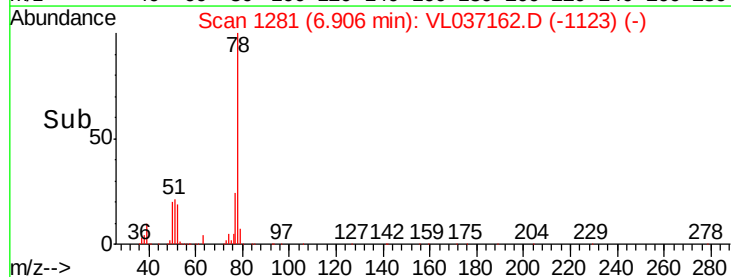
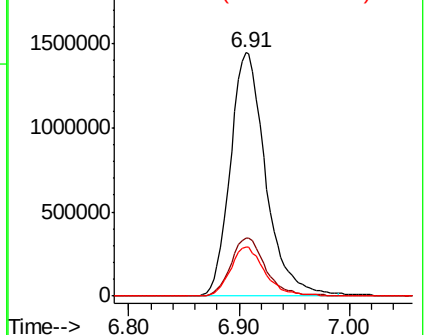
78 100

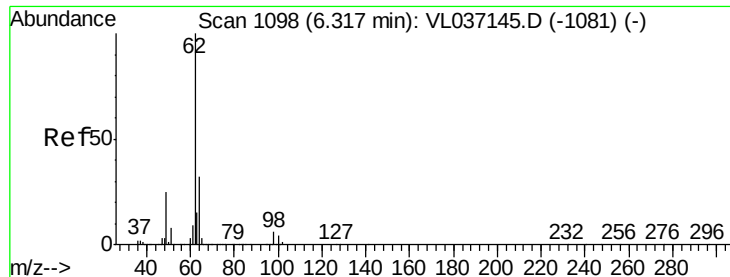
77 24.0 19.5 29.3

50 20.1 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

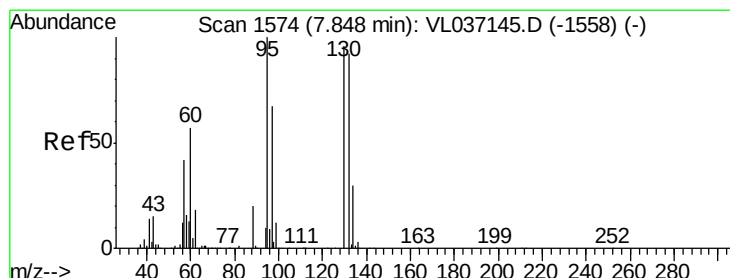
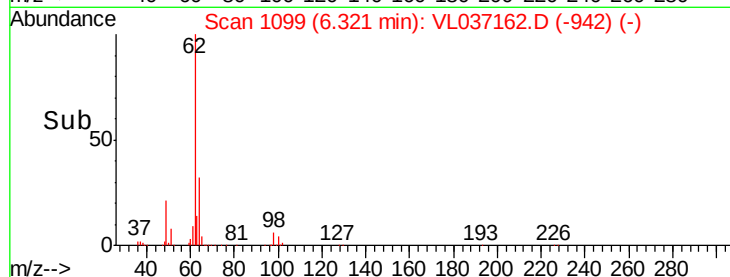
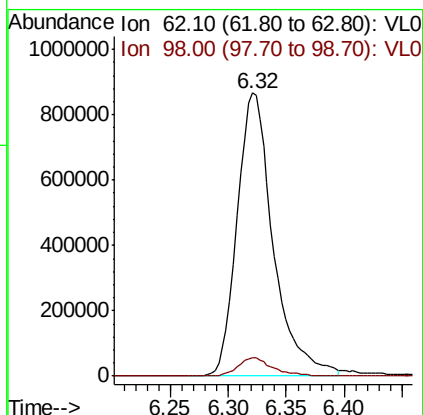
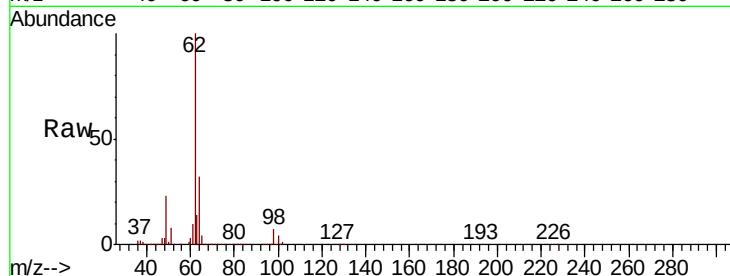




#37
 1,2-Dichloroethane
 Concen: 8.607 ppbv
 RT: 6.32 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: VL037162.D
 Acq: 15 Jun 2021 20:28

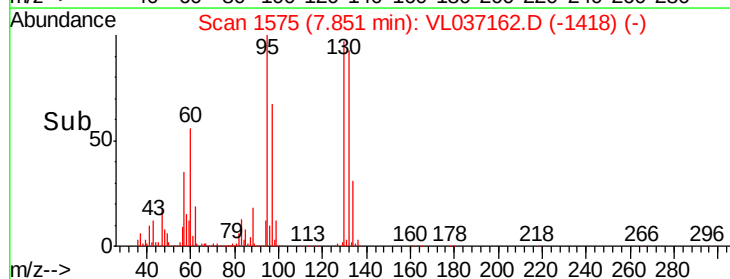
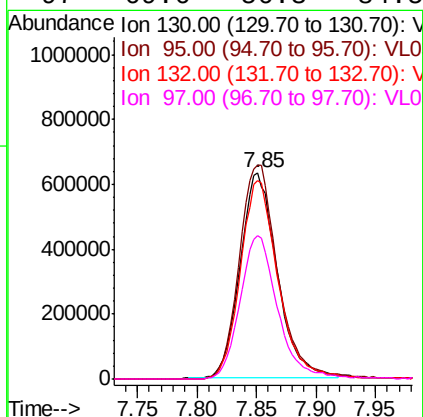
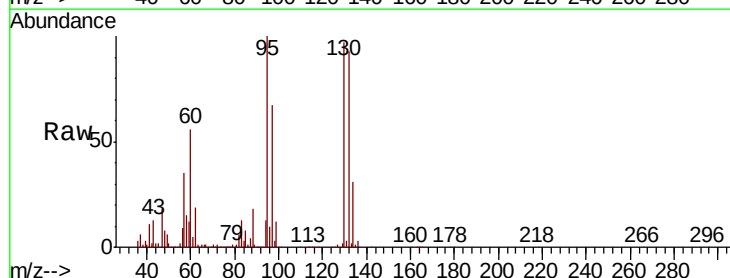
Instrument :
 MSVOA_L
 ClientSampleId :

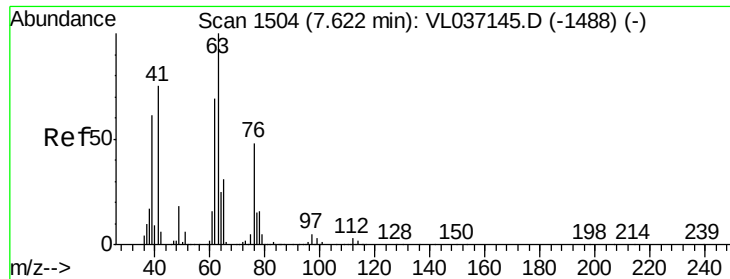
Tot Ion: 62 Resp: 1871111
 Ion Ratio Lower Upper
 62 100
 98 6.6 5.1 7.7



#38
 Trichloroethene
 Concen: 8.497 ppbv
 RT: 7.85 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: VL037162.D
 Acq: 15 Jun 2021 20:28

Tgt Ion: 130 Resp: 1374747
 Ion Ratio Lower Upper
 130 100
 95 103.7 83.5 125.3
 132 96.5 76.8 115.2
 97 69.6 56.3 84.5



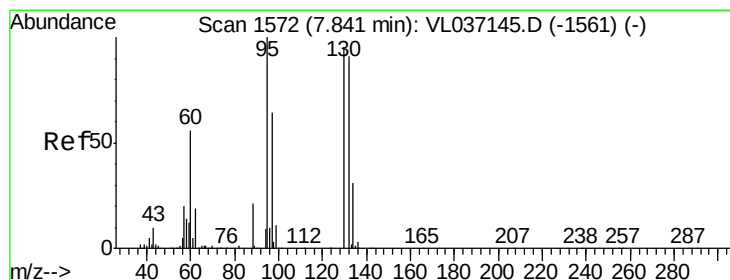
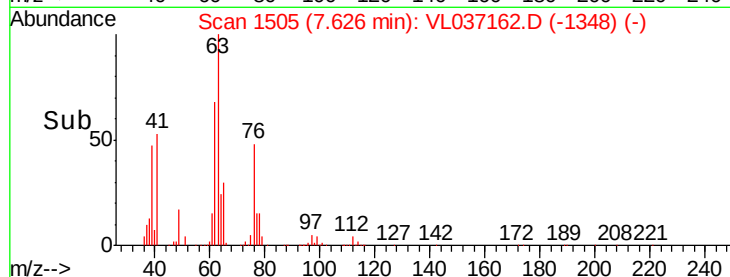
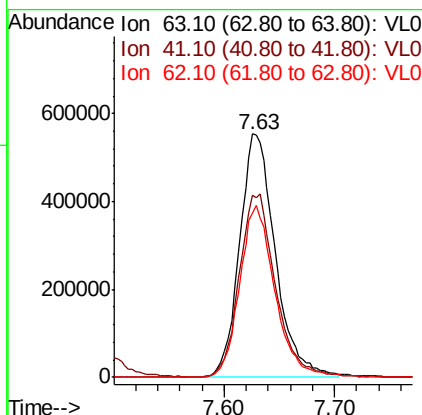
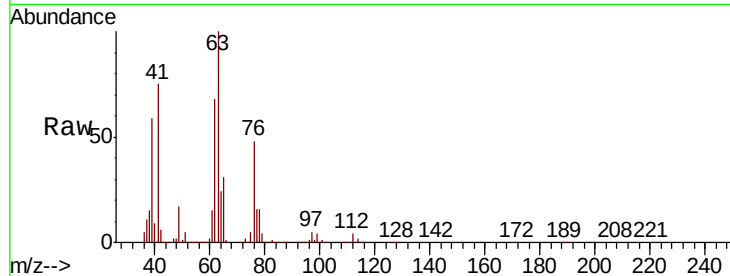


#39
 1,2-Dichloropropane
 Concen: 8.682 ppbv
 RT: 7.63 min Scan# 1505
 Delta R.T. 0.00 min
 Lab File: VL037162.D
 Acq: 15 Jun 2021 20:28

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 63 Resp: 1240979

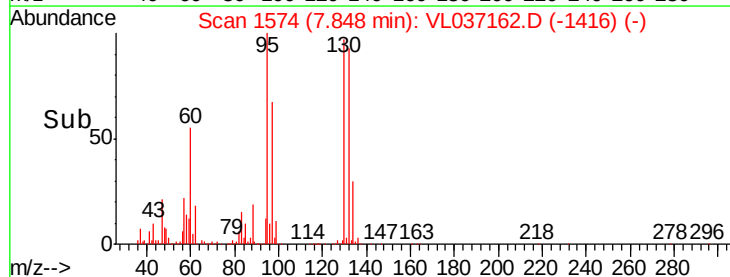
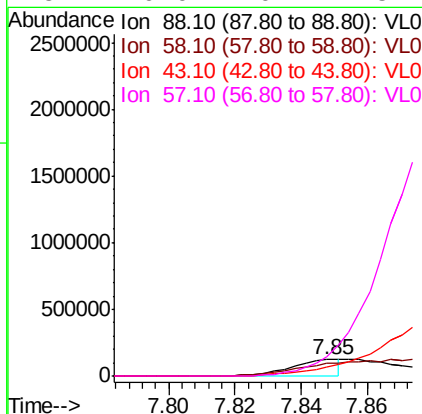
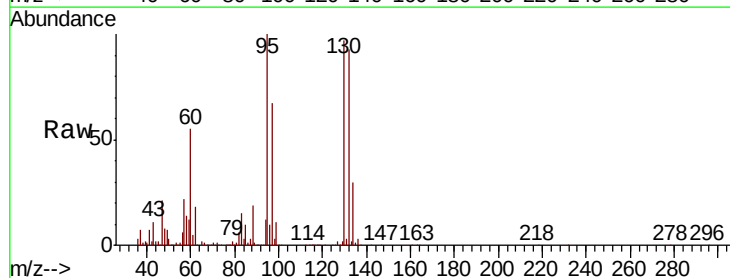
Ion	Ratio	Lower	Upper
63	100		
41	74.4	60.0	90.0
62	67.6	55.4	83.0

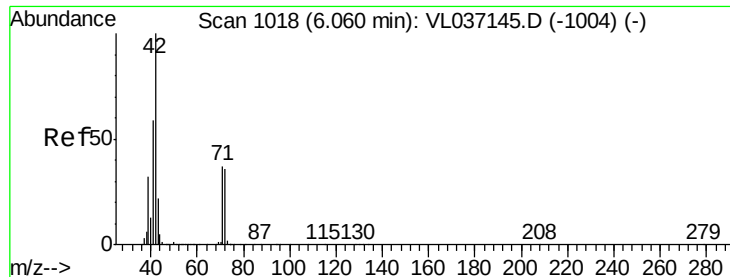


#40
 1,4-Dioxane
 Concen: 3.177 ppbv
 RT: 7.85 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: VL037162.D
 Acq: 15 Jun 2021 20:28

Tgt Ion: 88 Resp: 127180

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#

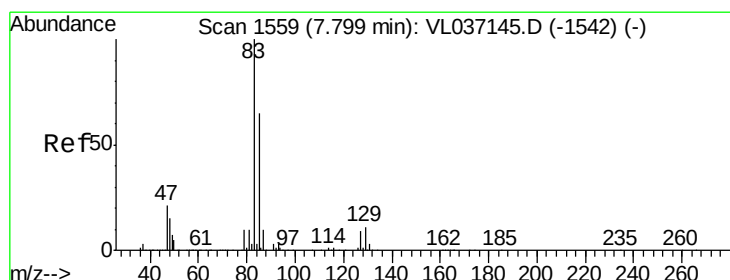
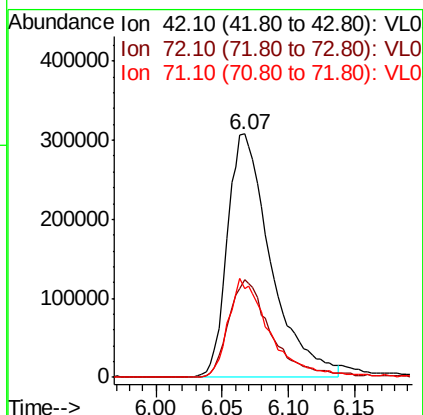
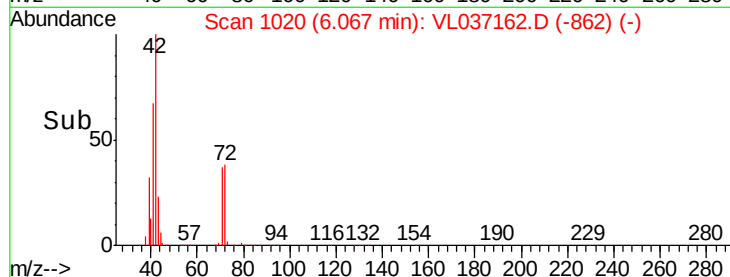
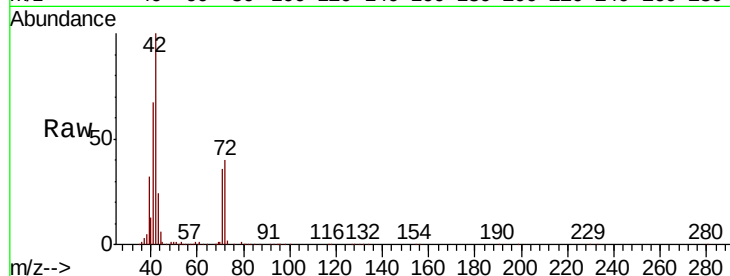




#41
Tetrahydrofuran
Concen: 8.115 ppbv
RT: 6.07 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VL037162.D
Acq: 15 Jun 2021 20:28

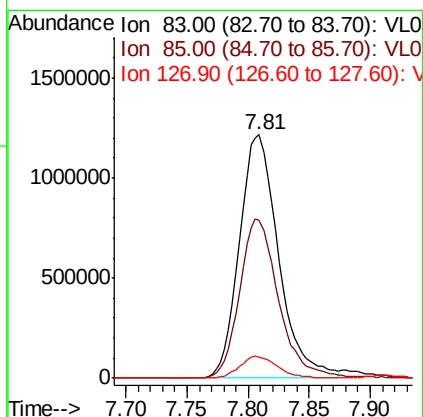
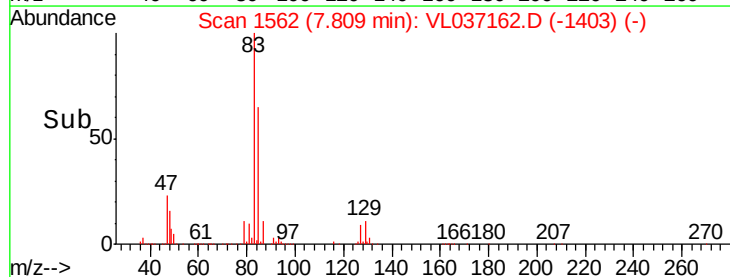
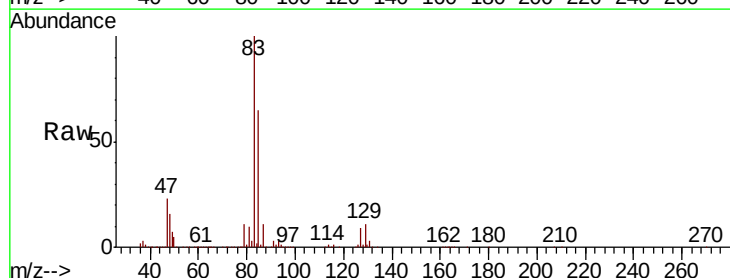
Instrument :
MSVOA_L
ClientSampleId :

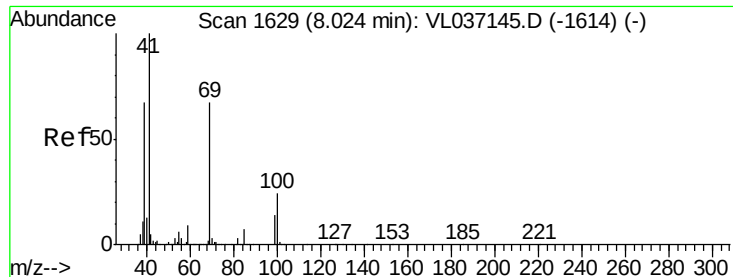
Tot Ion: 42 Resp: 699838
Ion Ratio Lower Upper
42 100
72 40.5 31.7 47.5
71 40.0 31.0 46.6



#42
Bromodichloromethane
Concen: 9.012 ppbv
RT: 7.81 min Scan# 1562
Delta R.T. 0.01 min
Lab File: VL037162.D
Acq: 15 Jun 2021 20:28

Tgt Ion: 83 Resp: 2699433
Ion Ratio Lower Upper
83 100
85 65.1 51.7 77.5
127 8.7 7.4 11.0

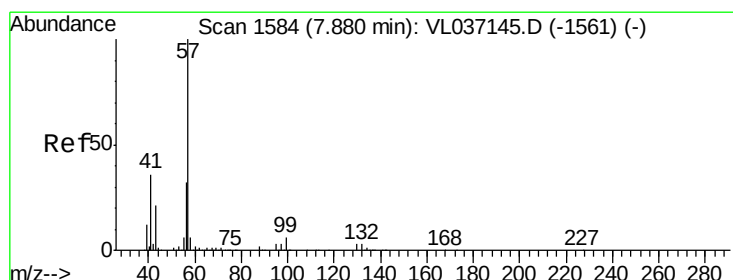
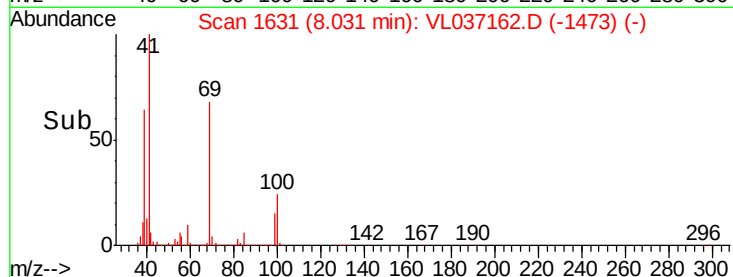
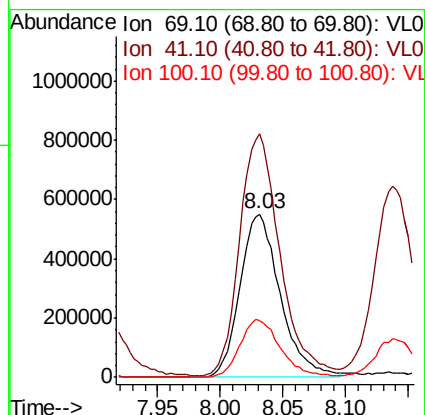
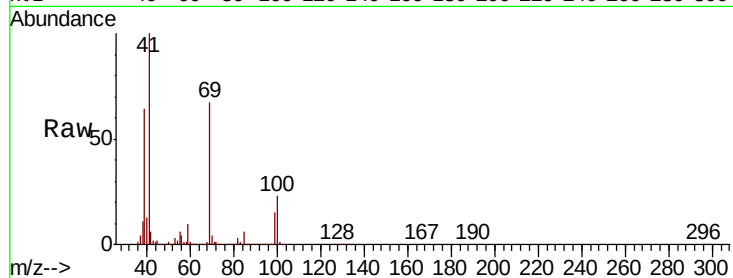




#43
Methyl Methacrylate
Concen: 9.582 ppbv
RT: 8.03 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VL037162.D
Acq: 15 Jun 2021 20:28

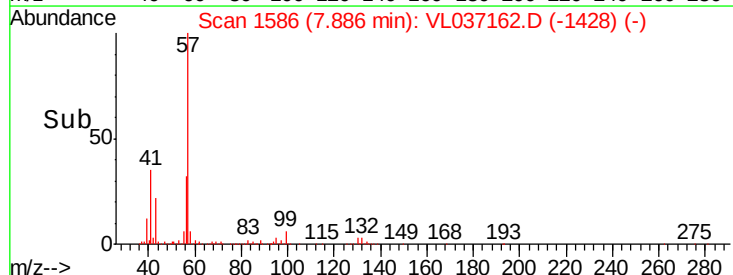
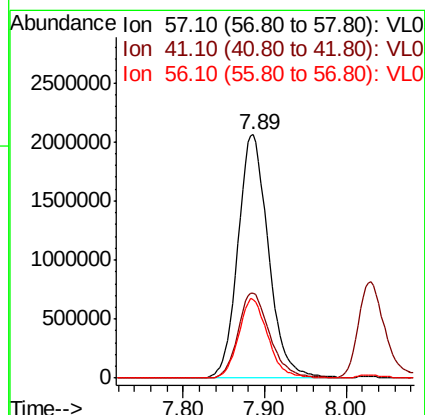
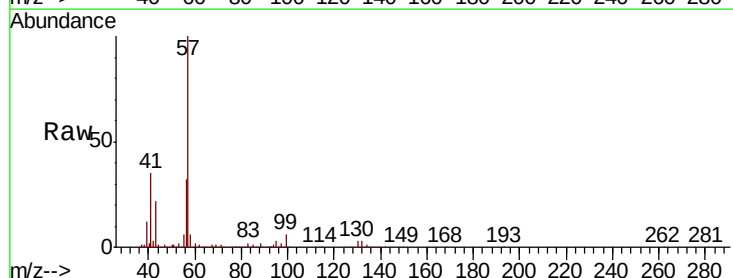
Instrument :
MSVOA_L
ClientSampleId :

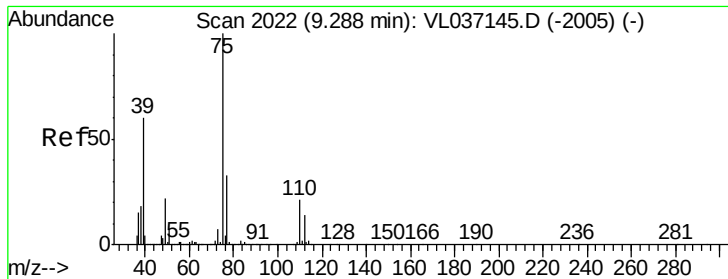
Tot Ion: 69 Resp: 1230736
Ion Ratio Lower Upper
69 100
41 149.1 117.7 176.5
100 35.8 27.9 41.9



#44
2,2,4-Trimethylpentane
Concen: 8.527 ppbv
RT: 7.89 min Scan# 1586
Delta R.T. 0.01 min
Lab File: VL037162.D
Acq: 15 Jun 2021 20:28

Tgt Ion: 57 Resp: 5343280
Ion Ratio Lower Upper
57 100
41 36.3 28.1 42.1
56 31.3 25.4 38.2

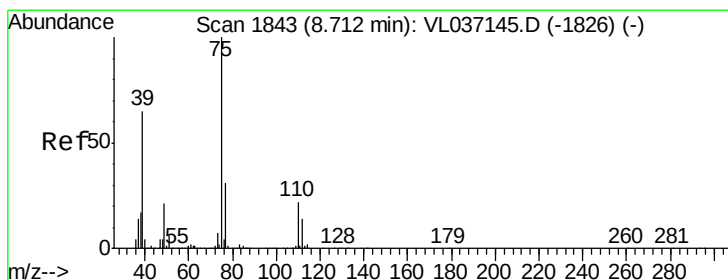
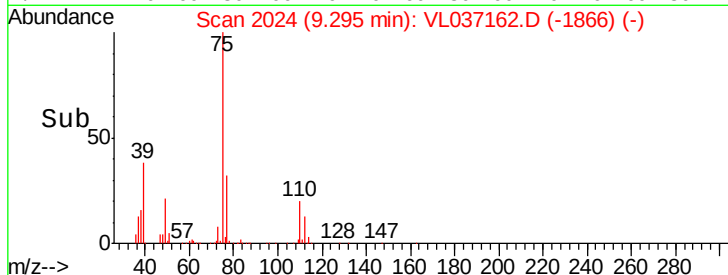
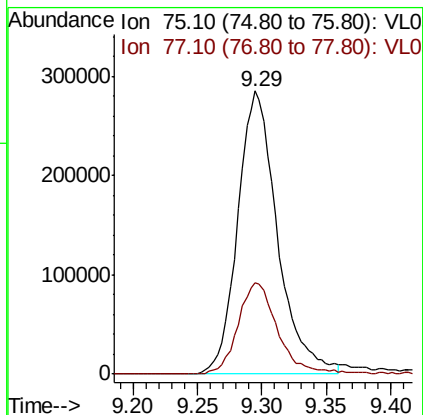
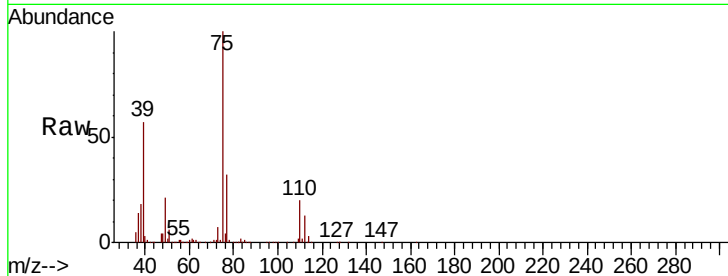




#45
 t-1,3-Dichloropropene
 Concen: 5.262 ppbv
 RT: 9.29 min Scan# 2024
 Delta R.T. 0.01 min
 Lab File: VL037162.D
 Acq: 15 Jun 2021 20:28

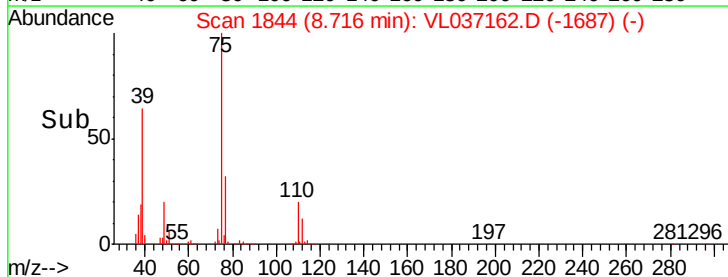
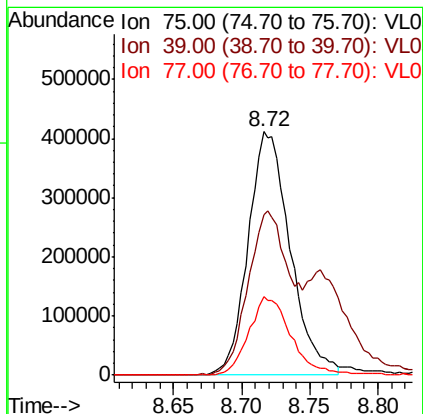
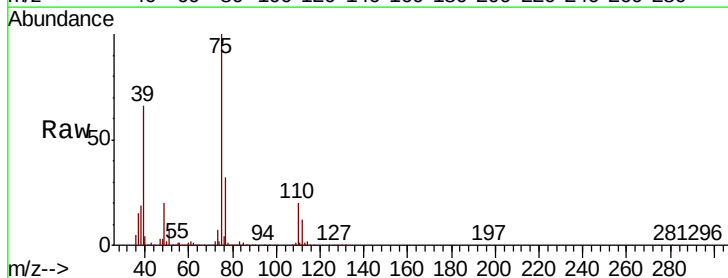
Instrument :
 MSVOA_L
 ClientSampleId :

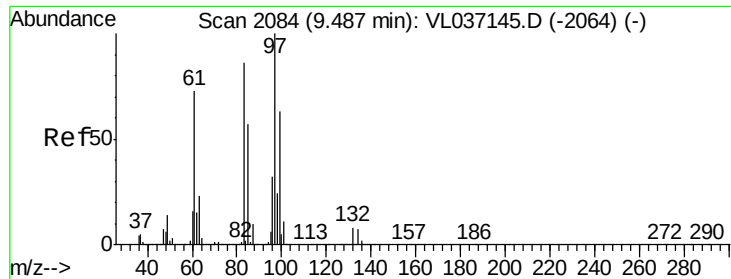
Tot Ion: 75 Resp: 609017
 Ion Ratio Lower Upper
 75 100
 77 32.3 26.2 39.2



#46
 cis-1,3-Dichloropropene
 Concen: 5.696 ppbv
 RT: 8.72 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: VL037162.D
 Acq: 15 Jun 2021 20:28

Tgt Ion: 75 Resp: 879616
 Ion Ratio Lower Upper
 75 100
 39 65.6 52.2 78.4
 77 32.4 24.5 36.7



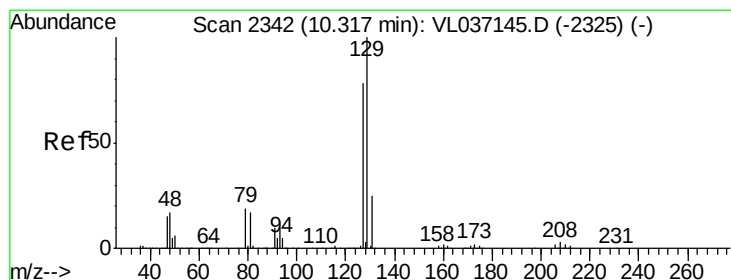
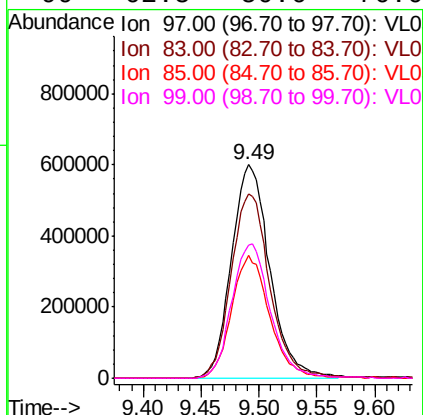
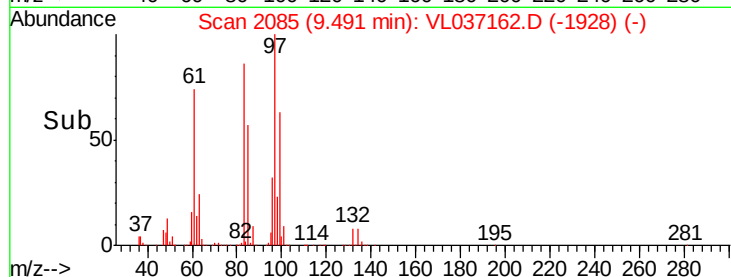
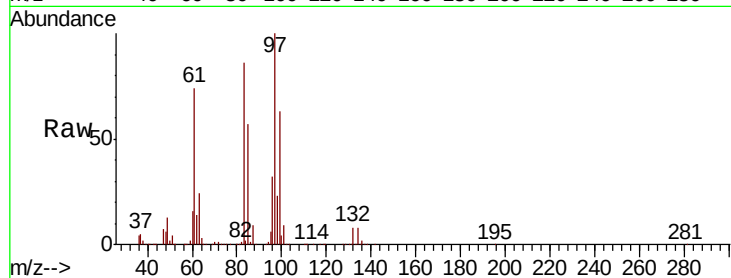


#47
 1,1,2-Trichloroethane
 Concen: 8.549 ppbv
 RT: 9.49 min Scan# 2085
 Delta R.T. 0.00 min
 Lab File: VL037162.D
 Acq: 15 Jun 2021 20:28

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 97 Resp: 1386062

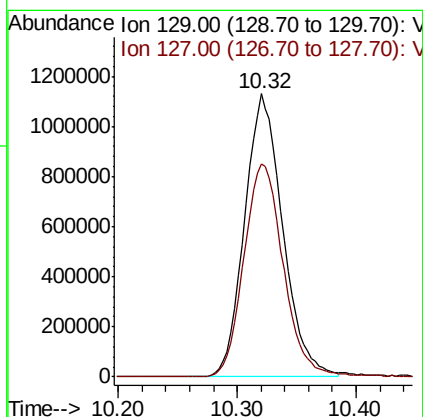
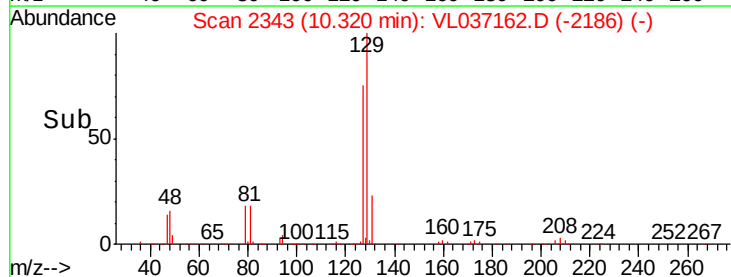
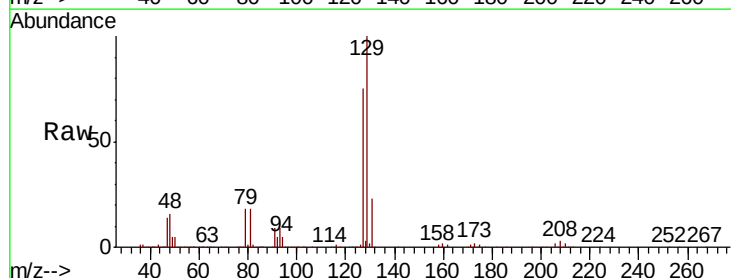
Ion	Ratio	Lower	Upper
97	100		
83	86.2	69.0	103.4
85	57.3	45.7	68.5
99	62.5	50.6	76.0

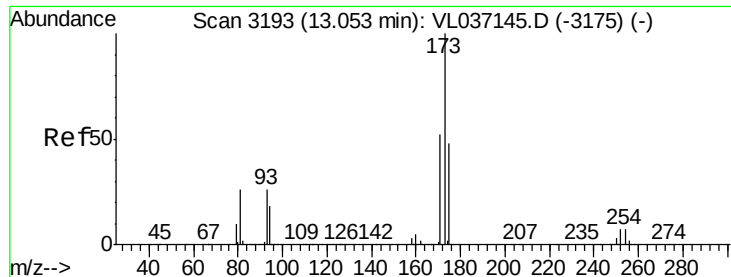


#48
 Dibromochloromethane
 Concen: 9.586 ppbv
 RT: 10.32 min Scan# 2343
 Delta R.T. 0.00 min
 Lab File: VL037162.D
 Acq: 15 Jun 2021 20:28

Tgt Ion: 129 Resp: 2507263

Ion	Ratio	Lower	Upper
129	100		
127	78.5	39.4	118.2





#49

Bromoform

Concen: 10.374 ppbv

RT: 13.06 min Scan# 3195

Delta R.T. 0.01 min

Lab File: VL037162.D

Acq: 15 Jun 2021 20:28

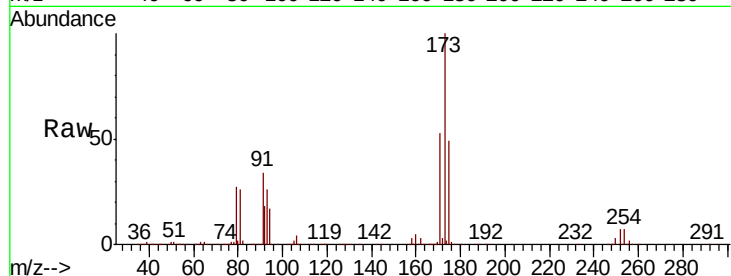
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:173 Resp: 2119608

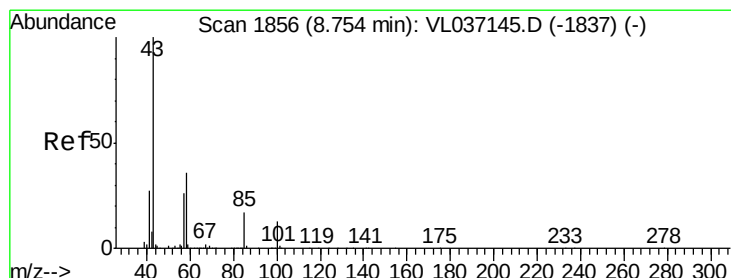
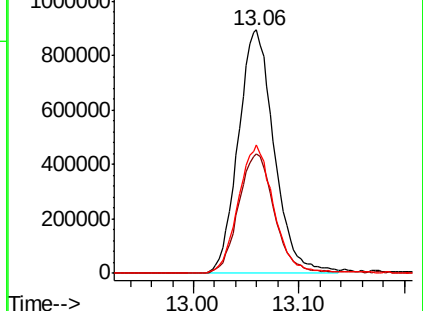
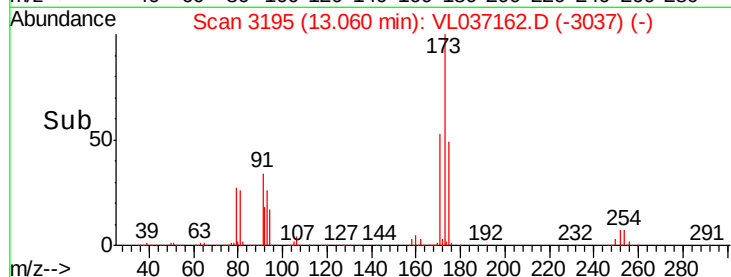
Ion	Ratio	Lower	Upper
173	100		
175	50.4	39.8	59.6
171	52.8	42.5	63.7



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: 8.609 ppbv

RT: 8.76 min Scan# 1858

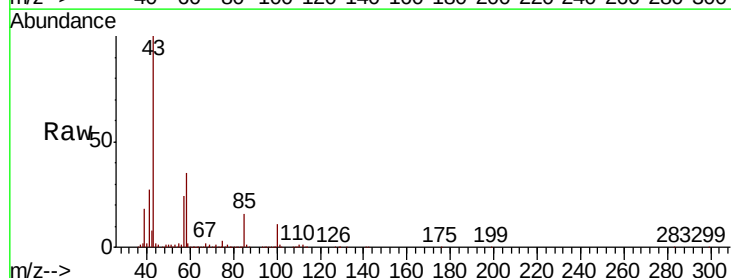
Delta R.T. 0.01 min

Lab File: VL037162.D

Acq: 15 Jun 2021 20:28

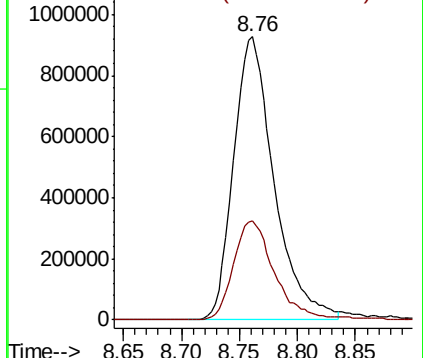
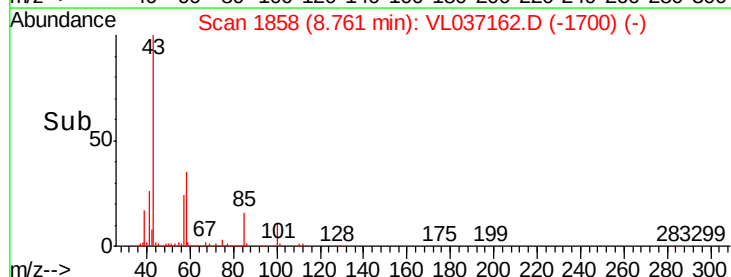
Tgt Ion: 43 Resp: 2244047

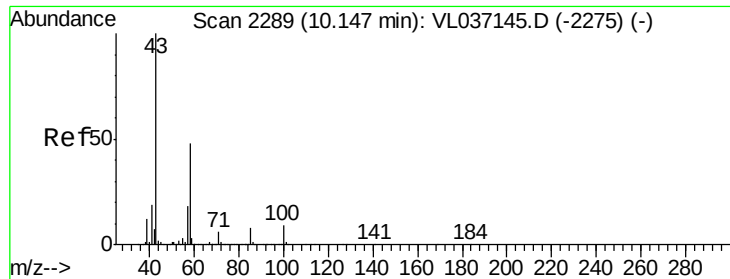
Ion	Ratio	Lower	Upper
43	100		
58	36.1	29.0	43.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

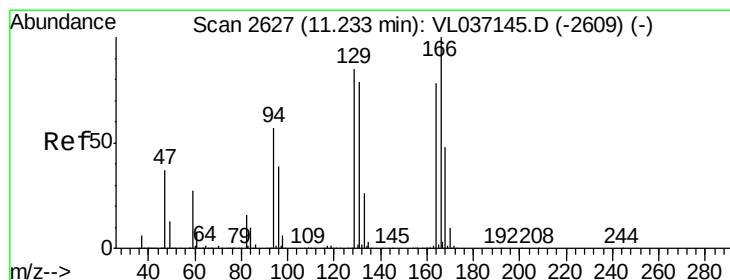
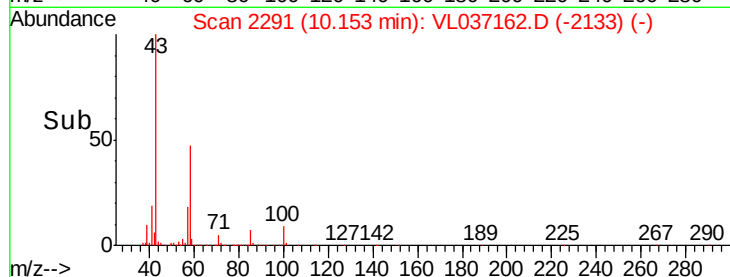
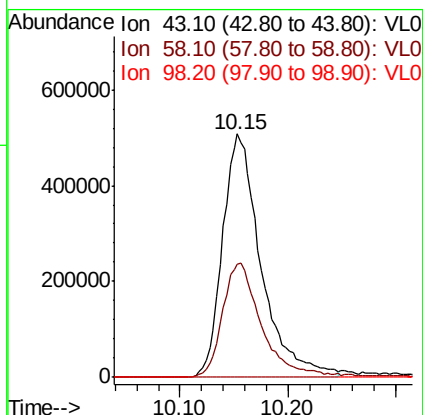
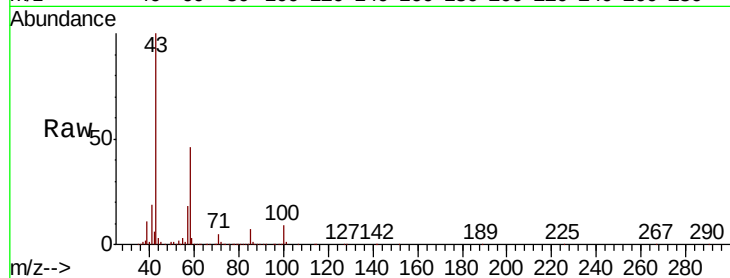




#51
2-Hexanone
Concen: 9.633 ppbv
RT: 10.15 min Scan# 2291
Delta R.T. 0.01 min
Lab File: VL037162.D
Acq: 15 Jun 2021 20:28

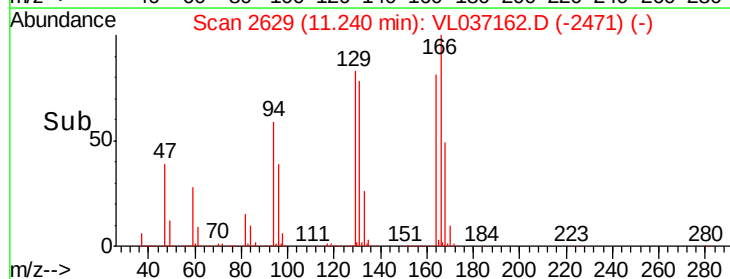
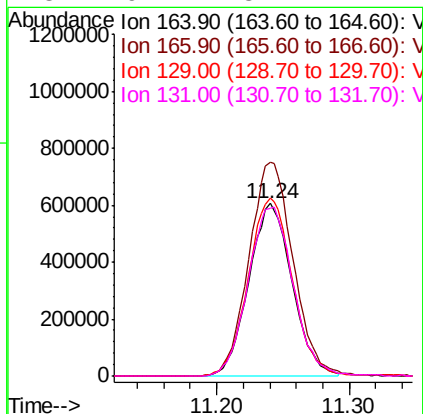
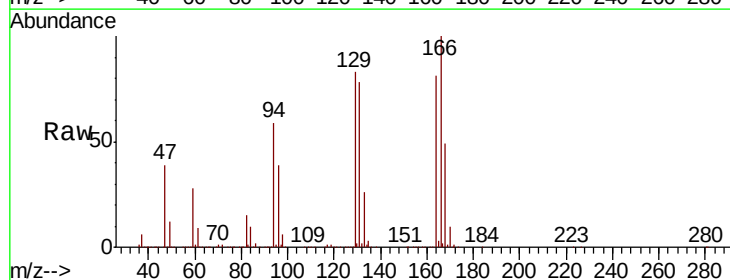
Instrument :
MSVOA_L
ClientSampleId :

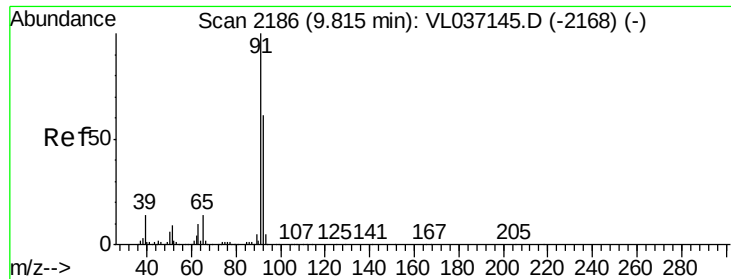
Tot Ion: 43 Resp: 1253407
Ion Ratio Lower Upper
43 100
58 49.0 40.1 60.1
98 0.2 0.2 0.4#



#52
Tetrachloroethene
Concen: 8.839 ppbv
RT: 11.24 min Scan# 2629
Delta R.T. 0.01 min
Lab File: VL037162.D
Acq: 15 Jun 2021 20:28

Tgt Ion: 164 Resp: 1368655
Ion Ratio Lower Upper
164 100
166 123.8 102.6 154.0
129 102.9 87.4 131.2
131 97.2 81.4 122.2





#53

Toluene

Concen: 8.827 ppbv

RT: 9.82 min Scan# 2188

Delta R.T. 0.01 min

Lab File: VL037162.D

Acq: 15 Jun 2021 20:28

Instrument :

MSVOA_L

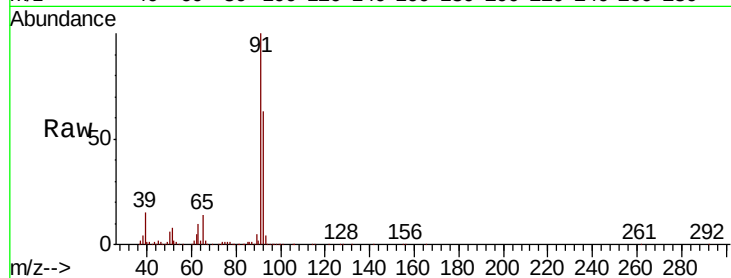
ClientSampleId :

Tot Ion: 91 Resp: 3928030

Ion Ratio Lower Upper

91 100

92 60.4 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

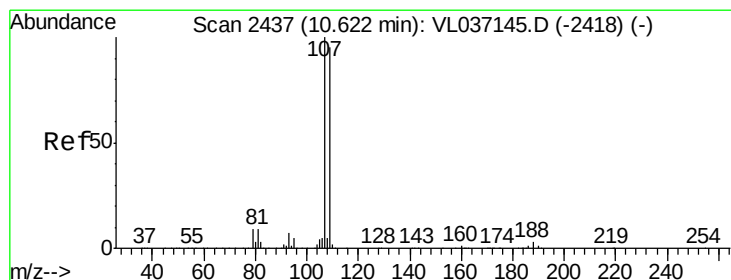
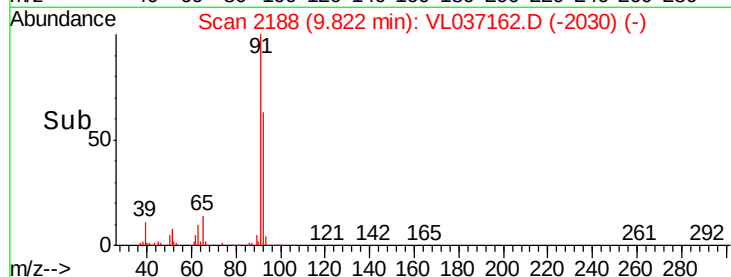
1000000

500000

0

9.70 9.80 9.90

Time-->



#54

1,2-Dibromoethane

Concen: 8.518 ppbv

RT: 10.63 min Scan# 2439

Delta R.T. 0.01 min

Lab File: VL037162.D

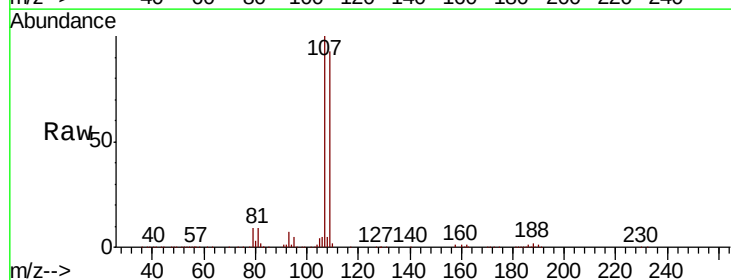
Acq: 15 Jun 2021 20:28

Tgt Ion: 107 Resp: 2022131

Ion Ratio Lower Upper

107 100

109 92.8 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

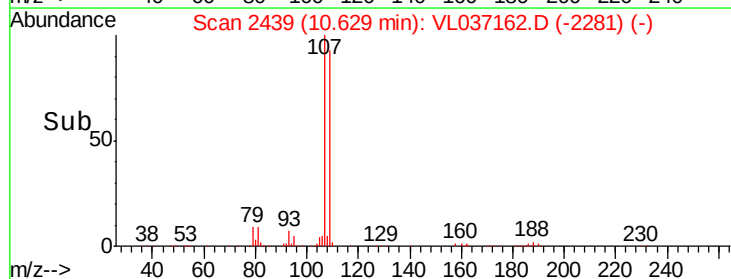
400000

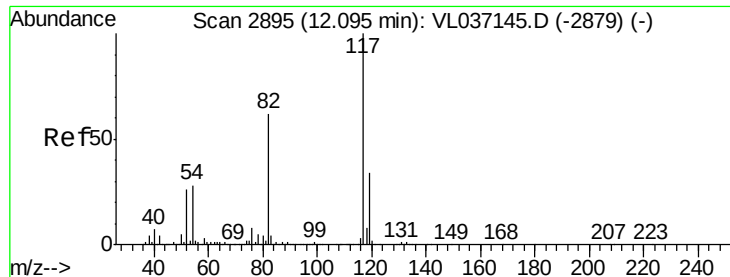
200000

0

10.50 10.60 10.70

Time-->

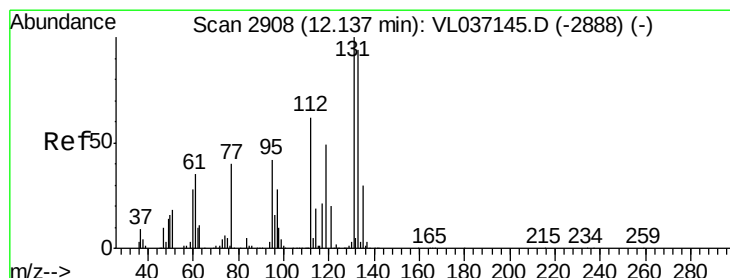
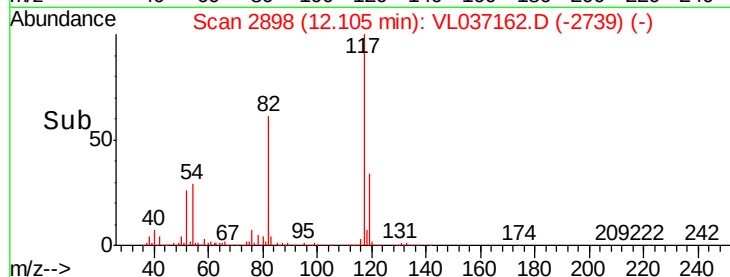
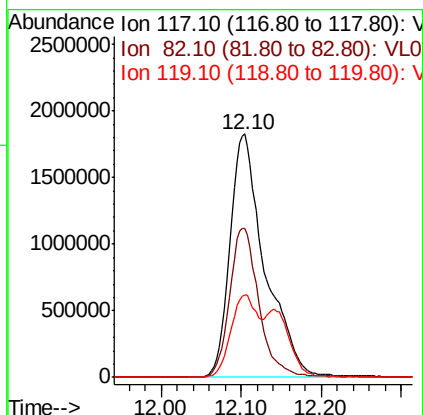
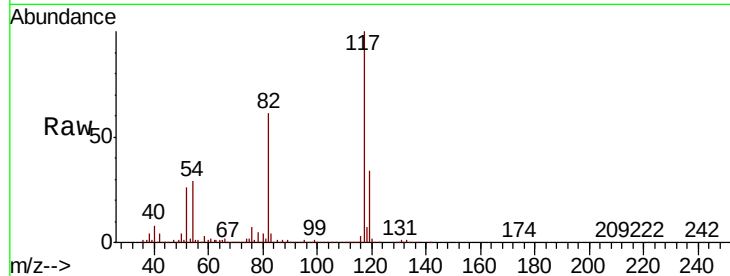




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. 0.01 min
Lab File: VL037162.D
Acq: 15 Jun 2021 20:28

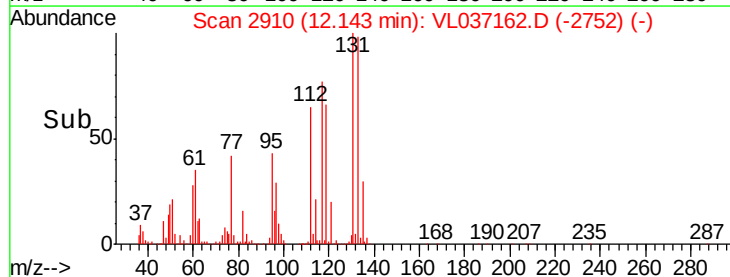
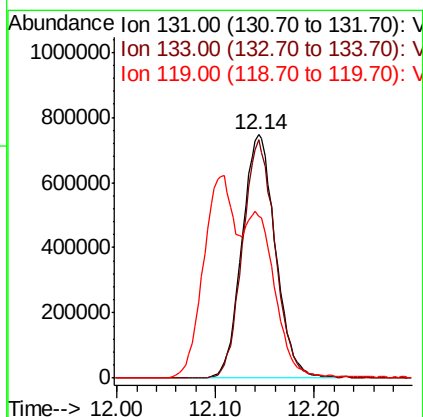
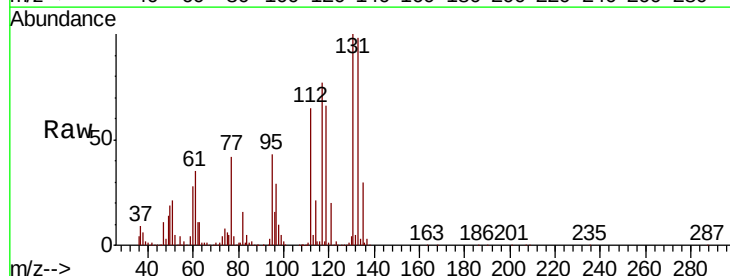
Instrument :
MSVOA_L
ClientSampled :

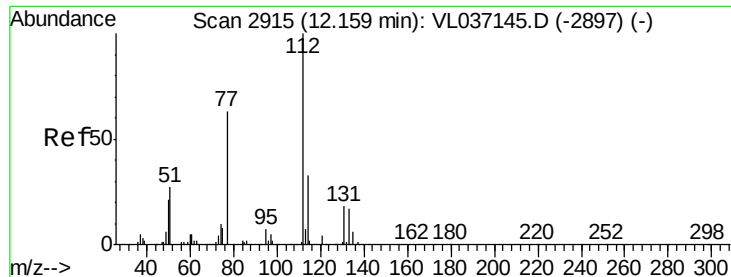
Tot Ion:117 Resp: 5431121
Ion Ratio Lower Upper
117 100
82 51.8 50.6 76.0
119 27.3 27.1 40.7



#56
1,1,1,2-Tetrachloroethane
Concen: 7.403 ppbv
RT: 12.14 min Scan# 2910
Delta R.T. 0.01 min
Lab File: VL037162.D
Acq: 15 Jun 2021 20:28

Tgt Ion:131 Resp: 1753485
Ion Ratio Lower Upper
131 100
133 95.9 76.7 115.1
119 58.6 50.7 76.1





#57

Chlorobenzene

Concen: 6.978 ppbv

RT: 12.16 min Scan# 2916

Delta R.T. 0.00 min

Lab File: VL037162.D

Acq: 15 Jun 2021 20:28

Instrument :

MSVOA_L

ClientSampleId :

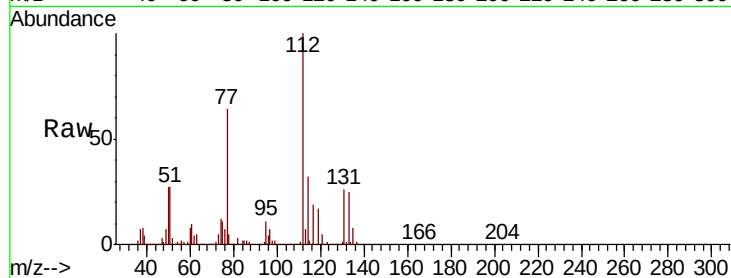
Tot Ion:112 Resp: 3037079

Ion Ratio Lower Upper

112 100

77 63.3 51.4 77.2

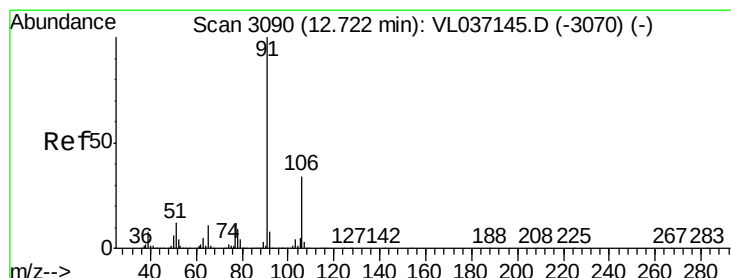
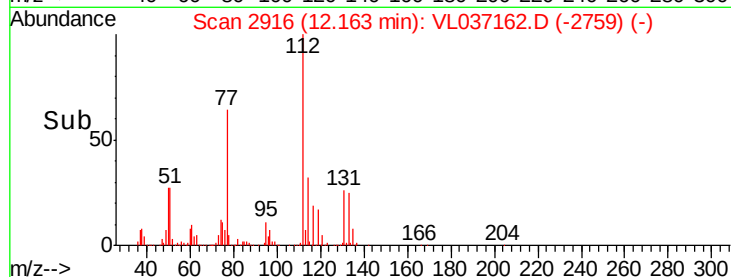
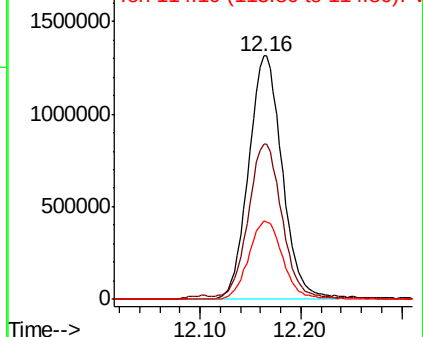
114 32.2 29.7 36.3



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 7.156 ppbv

RT: 12.73 min Scan# 3092

Delta R.T. 0.01 min

Lab File: VL037162.D

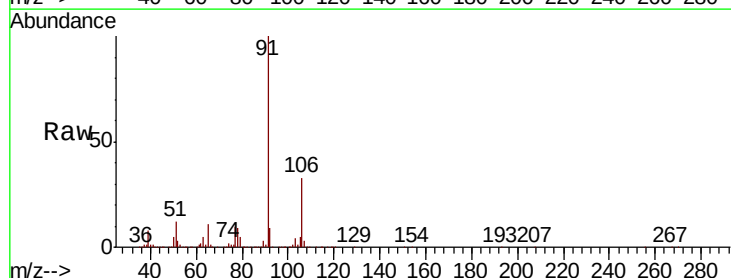
Acq: 15 Jun 2021 20:28

Tgt Ion: 91 Resp: 5264098

Ion Ratio Lower Upper

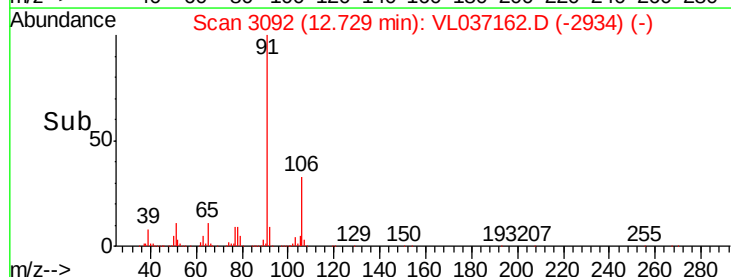
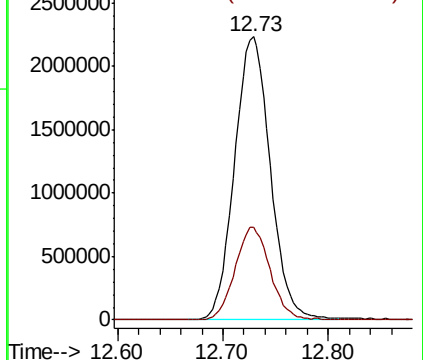
91 100

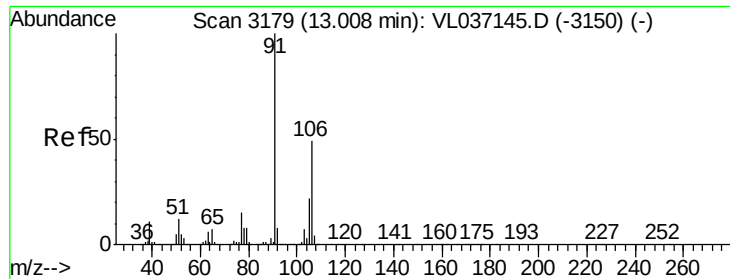
106 32.8 26.8 40.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

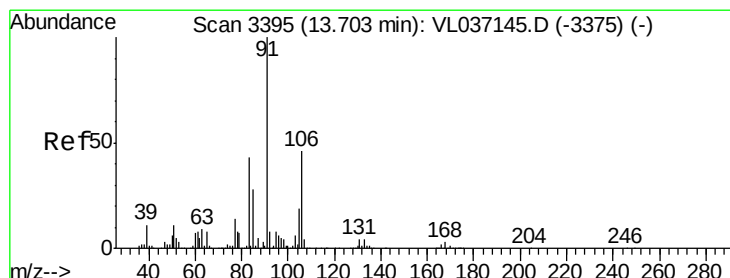
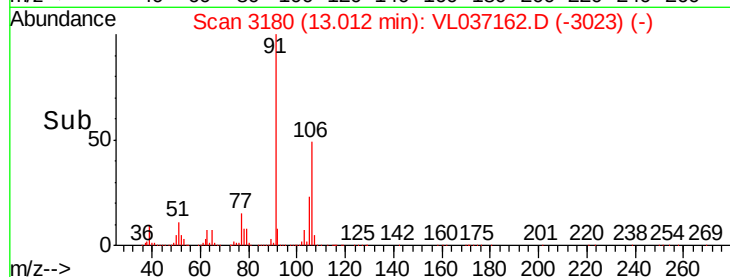
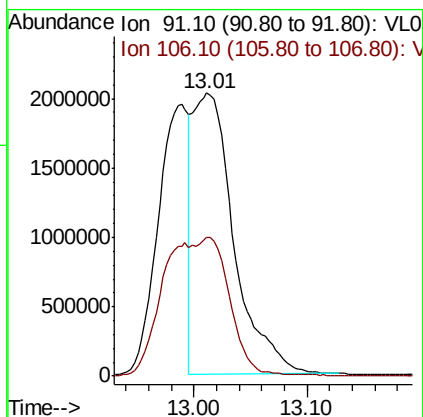
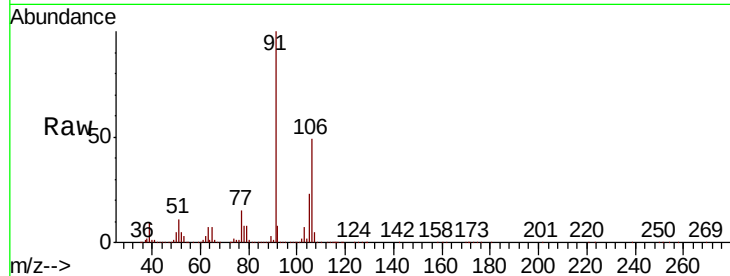




#59
m/p-Xylene
Concen: 8.158 ppbv
RT: 13.01 min Scan# 3180
Delta R.T. 0.00 min
Lab File: VL037162.D
Acq: 15 Jun 2021 20:28

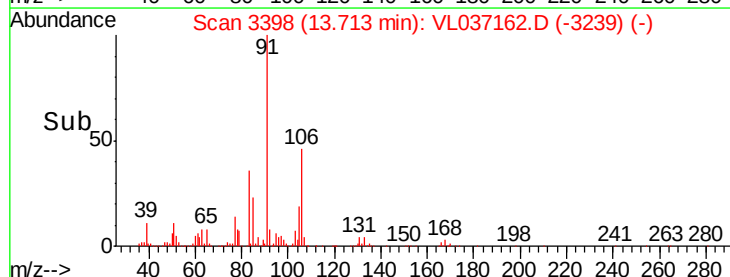
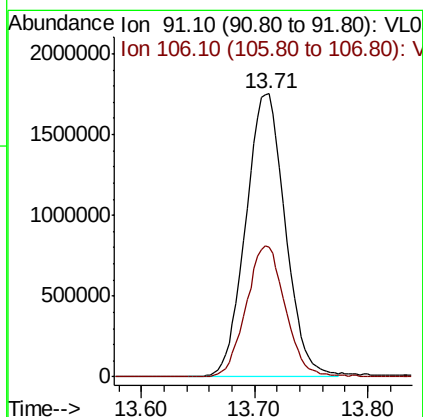
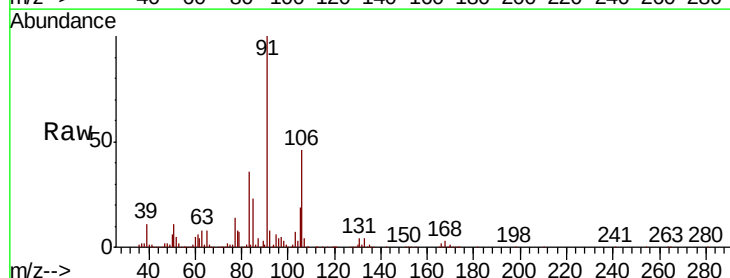
Instrument :
MSVOA_L
ClientSampled :

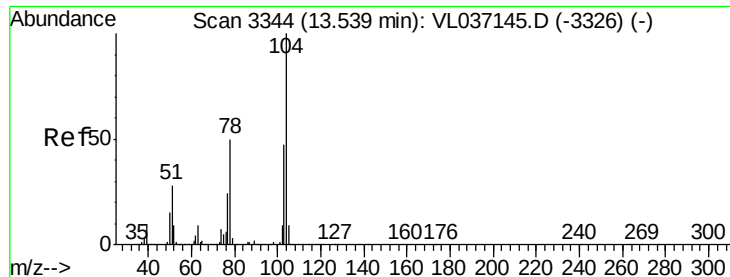
Tot Ion: 91 Resp: 5100024
Ion Ratio Lower Upper
91 100
106 79.4 36.9 55.3#



#60
o-Xylene
Concen: 7.090 ppbv
RT: 13.71 min Scan# 3398
Delta R.T. 0.01 min
Lab File: VL037162.D
Acq: 15 Jun 2021 20:28

Tgt Ion: 91 Resp: 4255897
Ion Ratio Lower Upper
91 100
106 46.1 23.1 69.3

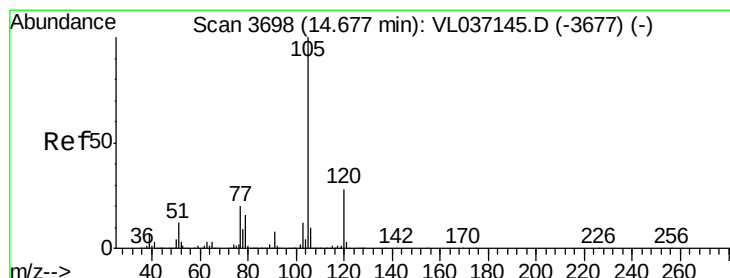
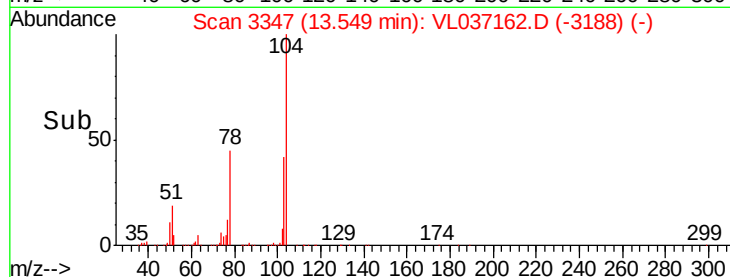
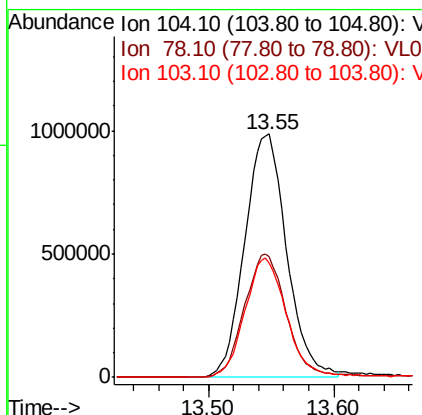
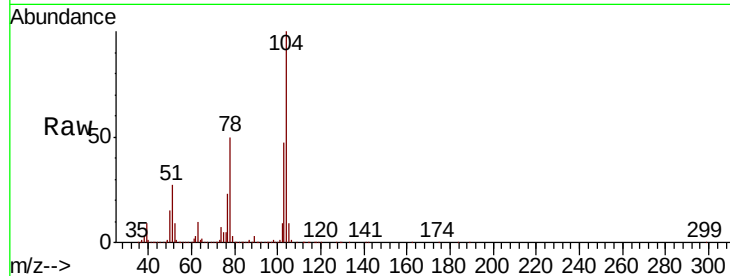




#61
Stvrene
Concen: 7.258 ppbv
RT: 13.55 min Scan# 3347
Delta R.T. 0.01 min
Lab File: VL037162.D
Acq: 15 Jun 2021 20:28

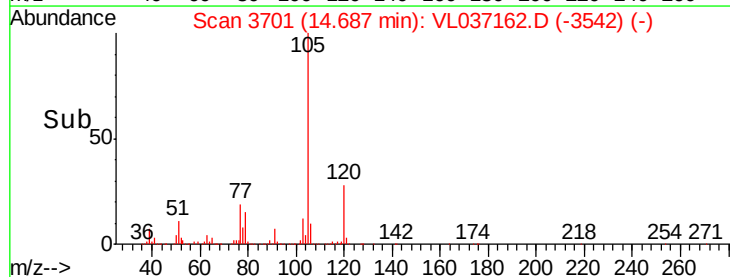
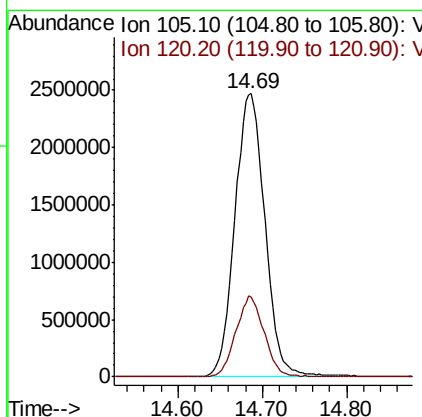
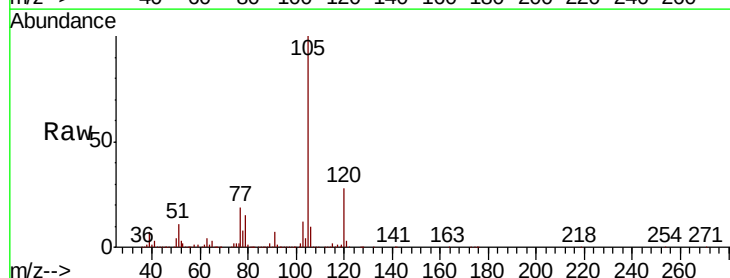
Instrument :
MSVOA_L
ClientSampleId :

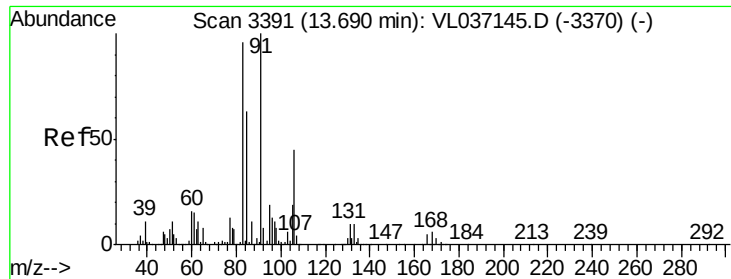
Tot Ion:104 Resp: 2296925
Ion Ratio Lower Upper
104 100
78 51.2 40.9 61.3
103 48.9 38.6 58.0



#62
Isopropylbenzene
Concen: 7.185 ppbv
RT: 14.69 min Scan# 3701
Delta R.T. 0.01 min
Lab File: VL037162.D
Acq: 15 Jun 2021 20:28

Tgt Ion:105 Resp: 6147582
Ion Ratio Lower Upper
105 100
120 27.1 21.8 32.6

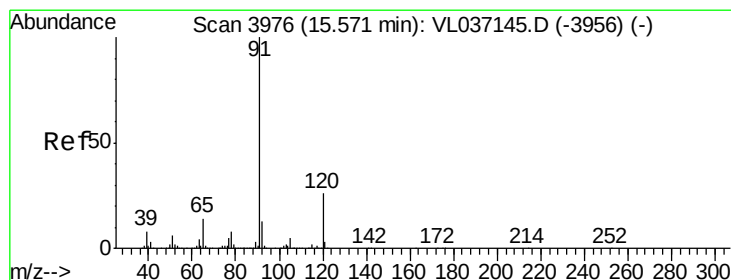
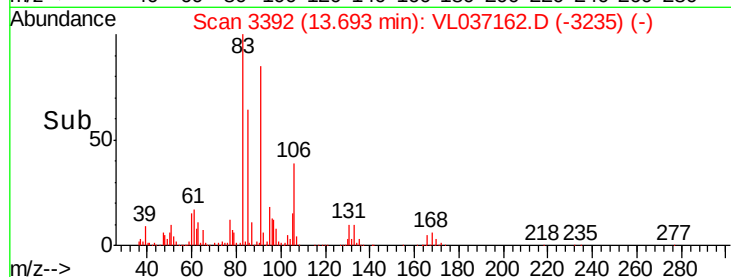
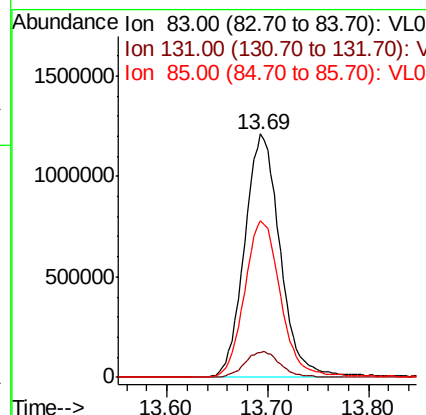
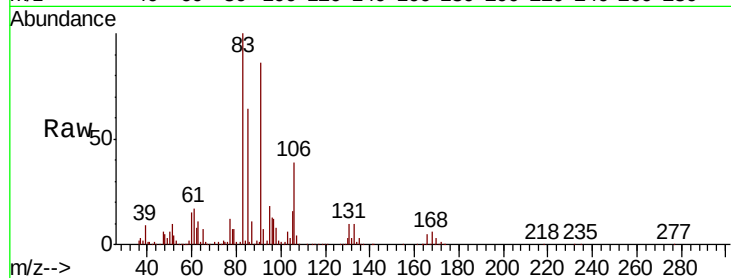




#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.544 ppbv
 RT: 13.69 min Scan# 3392
 Delta R.T. 0.00 min
 Lab File: VL037162.D
 Acq: 15 Jun 2021 20:28

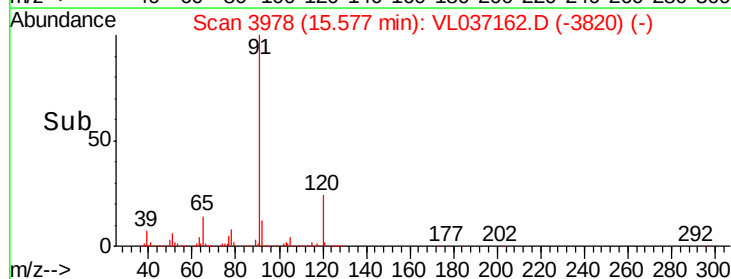
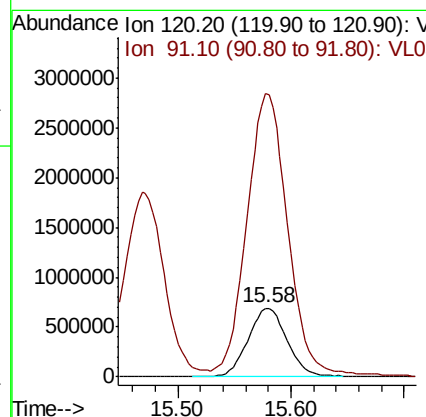
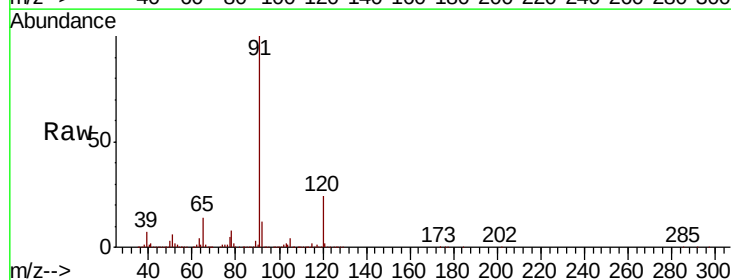
Instrument :
 MSVOA_L
 ClientSampleId :

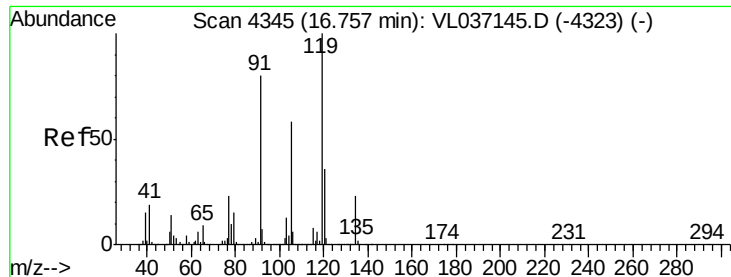
Tot Ion: 83 Resp: 2944206
 Ion Ratio Lower Upper
 83 100
 131 10.8 5.4 16.2
 85 66.6 33.3 99.9



#64
 n-propylbenzene
 Concen: 7.590 ppbv
 RT: 15.58 min Scan# 3978
 Delta R.T. 0.01 min
 Lab File: VL037162.D
 Acq: 15 Jun 2021 20:28

Tgt Ion:120 Resp: 1656251
 Ion Ratio Lower Upper
 120 100
 91 434.0 342.2 513.4

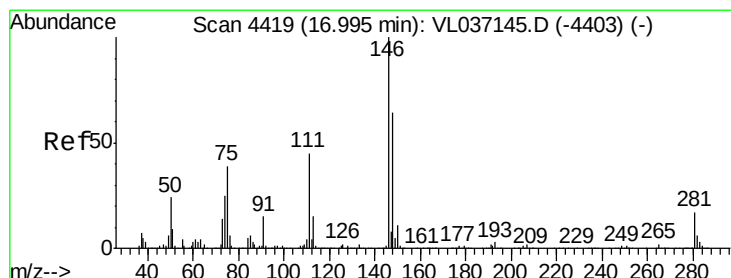
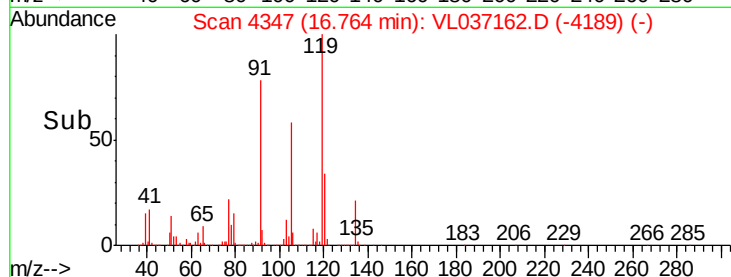
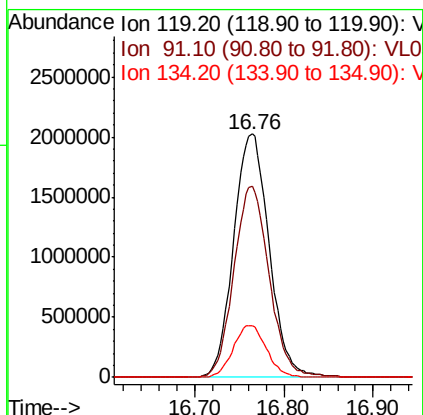
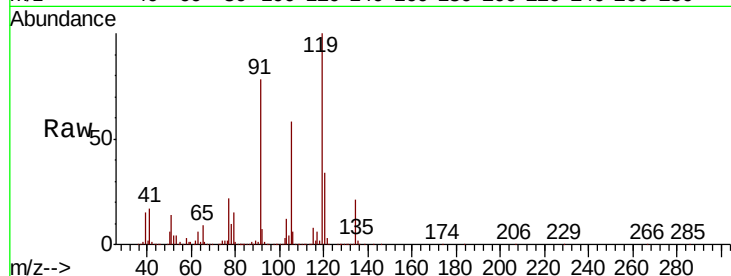




#65
tert-Butylbenzene
Concen: 7.226 ppbv
RT: 16.76 min Scan# 4347
Delta R.T. 0.01 min
Lab File: VL037162.D
Acq: 15 Jun 2021 20:28

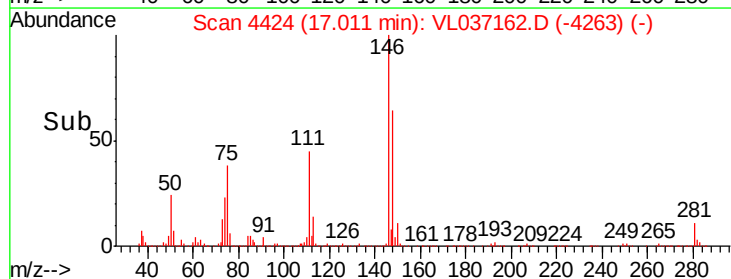
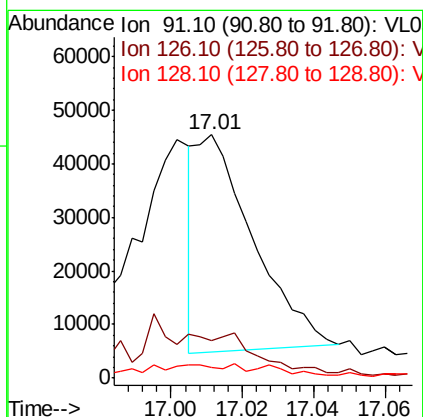
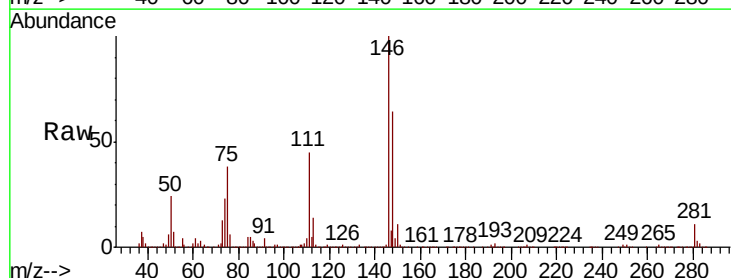
Instrument :
MSVOA_L
ClientSampled :

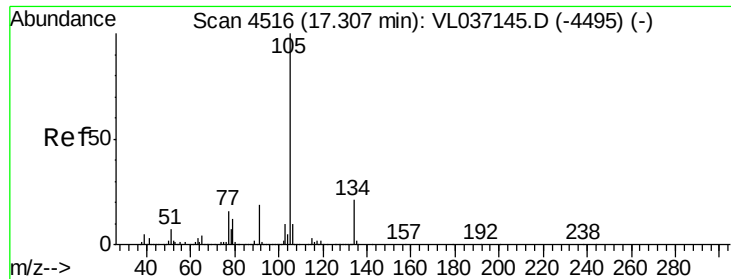
Tot Ion: 119 Resp: 5603328
Ion Ratio Lower Upper
119 100
91 78.2 62.8 94.2
134 20.1 16.5 24.7



#66
Benzyl Chloride
Concen: 1.314 ppbv
RT: 17.01 min Scan# 4424
Delta R.T. 0.02 min
Lab File: VL037162.D
Acq: 15 Jun 2021 20:28

Tgt Ion: 91 Resp: 44484
Ion Ratio Lower Upper
91 100
126 0.0 16.4 24.6#
128 18.0 5.7 8.5#

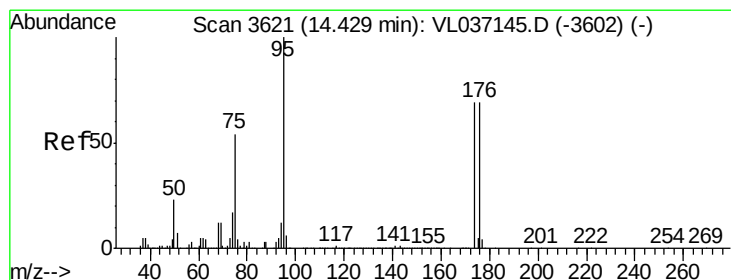
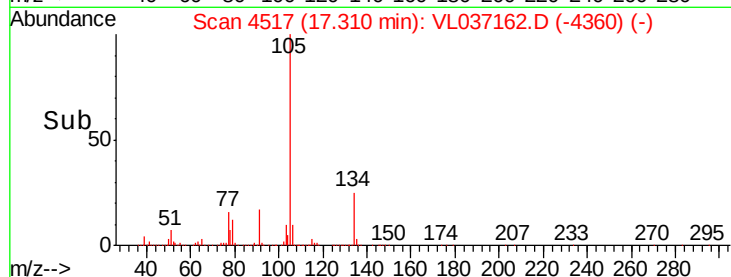
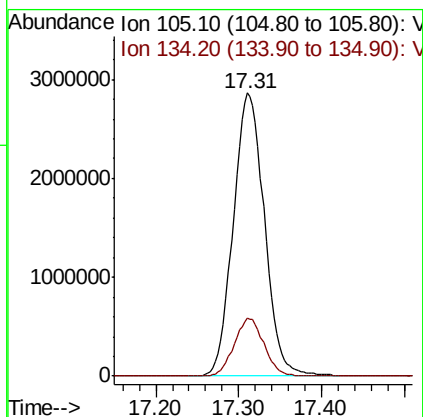
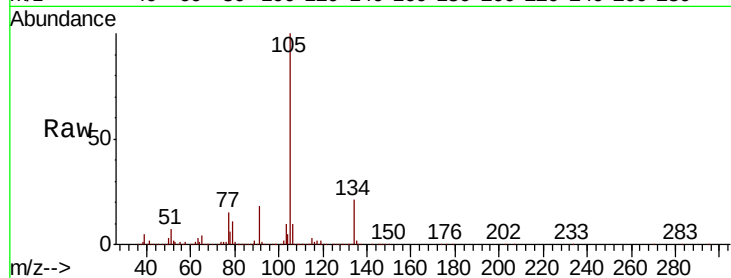




#67
 sec-Butylbenzene
 Concen: 7.253 ppbv
 RT: 17.31 min Scan# 4517
 Delta R.T. 0.00 min
 Lab File: VL037162.D
 Acq: 15 Jun 2021 20:28

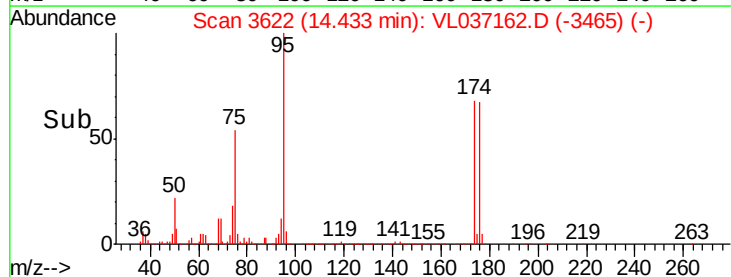
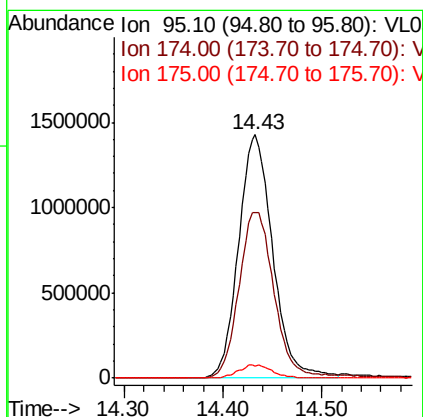
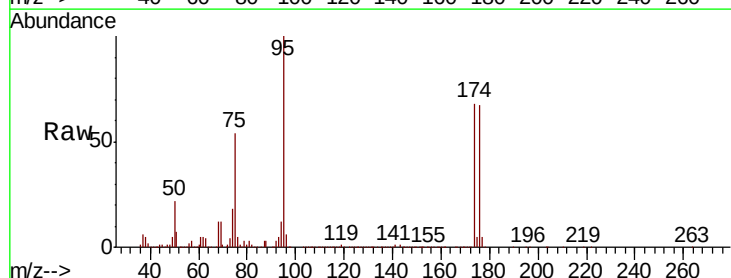
Instrument :
 MSVOA_L
 ClientSampleId :

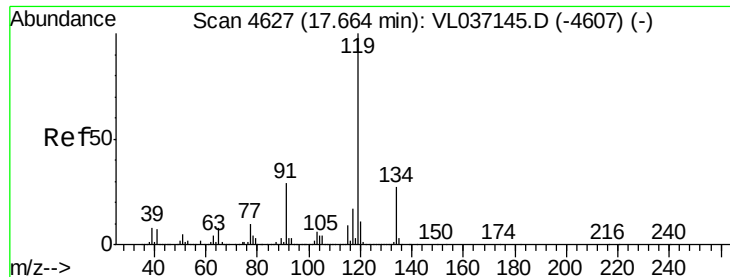
Tot Ion:105 Resp: 7471907
 Ion Ratio Lower Upper
 105 100
 134 19.8 16.0 24.0



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.559 ppbv
 RT: 14.43 min Scan# 3622
 Delta R.T. 0.00 min
 Lab File: VL037162.D
 Acq: 15 Jun 2021 20:28

Tgt Ion: 95 Resp: 3424033
 Ion Ratio Lower Upper
 95 100
 174 71.9 57.6 86.4
 175 5.5 4.4 6.6

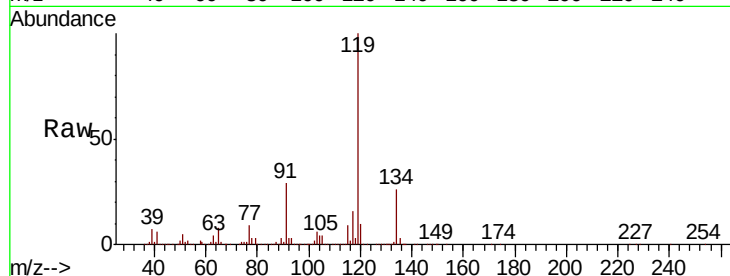




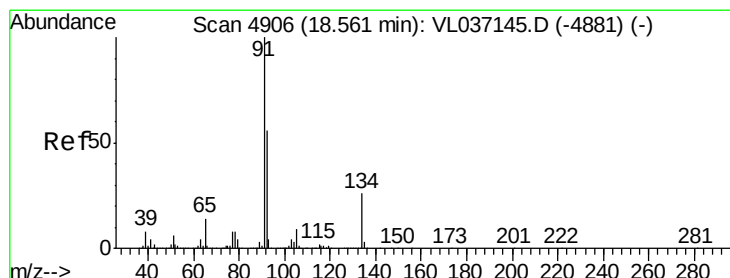
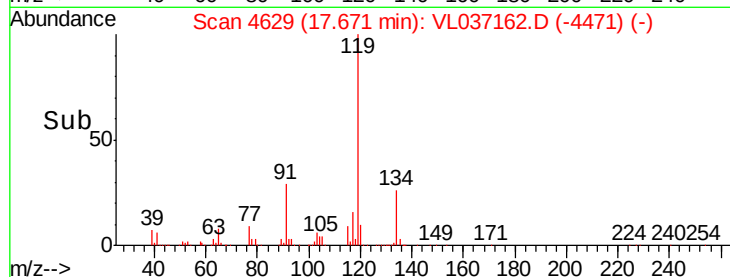
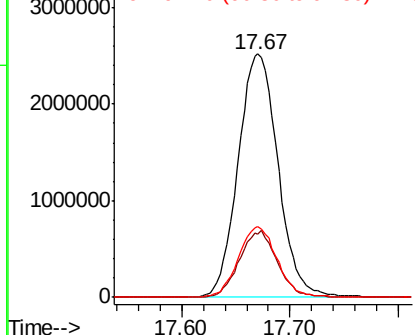
#69
 p-Isopropyltoluene
 Concen: 7.511 ppbv
 RT: 17.67 min Scan# 4629
 Delta R.T. 0.01 min
 Lab File: VL037162.D
 Acq: 15 Jun 2021 20:28

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:119 Resp: 6468745
 Ion Ratio Lower Upper
 119 100
 134 26.1 21.2 31.8
 91 28.2 22.9 34.3

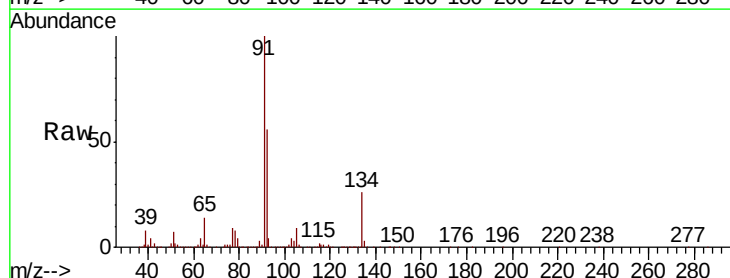


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

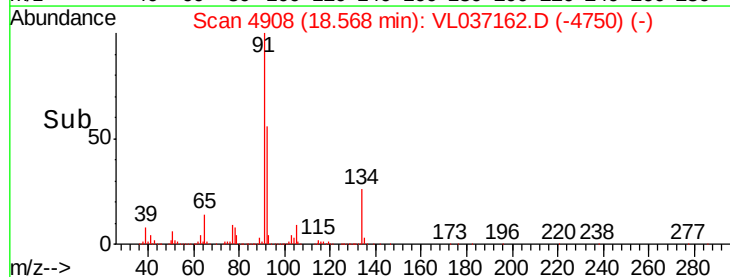
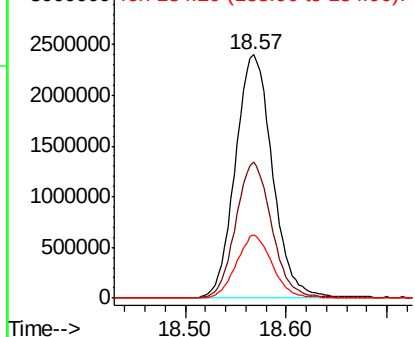


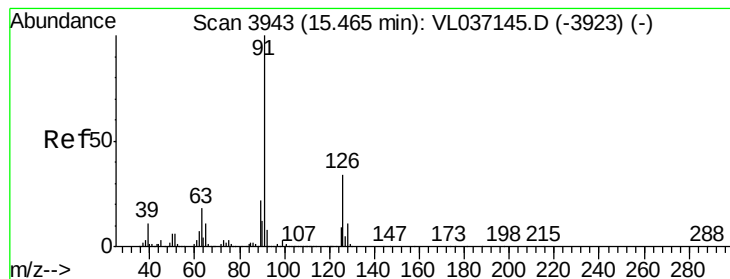
#70
 n-Butylbenzene
 Concen: 7.751 ppbv
 RT: 18.57 min Scan# 4908
 Delta R.T. 0.01 min
 Lab File: VL037162.D
 Acq: 15 Jun 2021 20:28

Tgt Ion: 91 Resp: 6107491
 Ion Ratio Lower Upper
 91 100
 92 54.7 44.0 66.0
 134 25.2 20.4 30.6



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





#71

2-Chlorotoluene

Concen: 7.412 ppbv

RT: 15.47 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VL037162.D

Acq: 15 Jun 2021 20:28

Instrument :

MSVOA_L

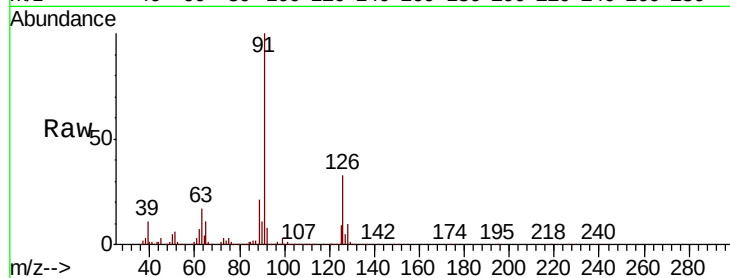
ClientSampleId :

Tot Ion: 91 Resp: 4523707

Ion Ratio Lower Upper

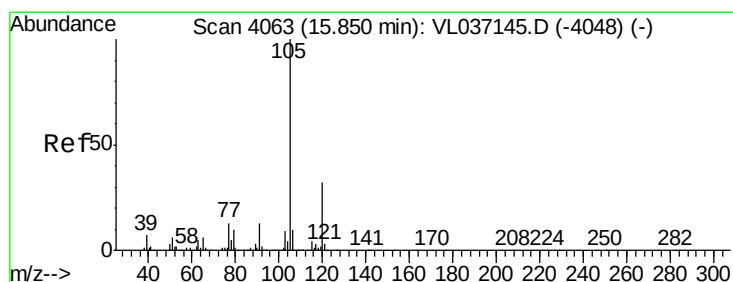
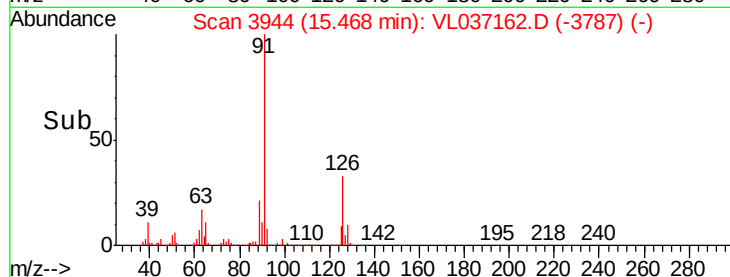
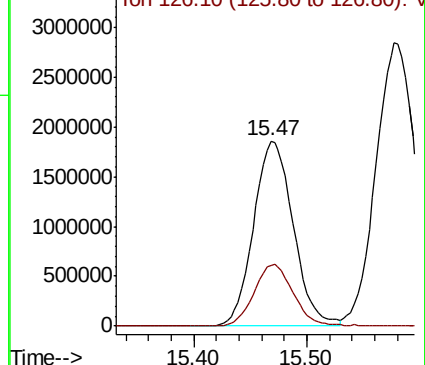
91 100

126 33.3 13.4 53.6



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V



#72

4-Ethyltoluene

Concen: 7.344 ppbv

RT: 15.86 min Scan# 4065

Delta R.T. 0.01 min

Lab File: VL037162.D

Acq: 15 Jun 2021 20:28

Tgt Ion: 105 Resp: 5121158

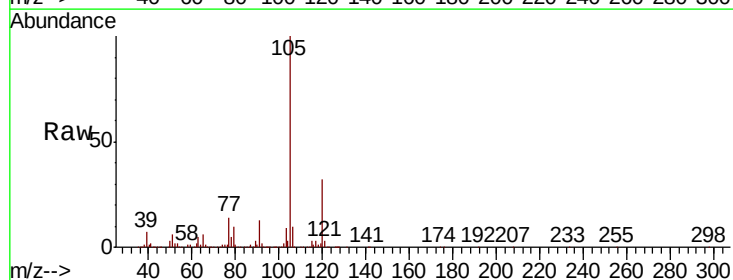
Ion Ratio Lower Upper

105 100

120 31.4 25.1 37.7

91 12.8 10.3 15.5

77 13.9 11.0 16.6

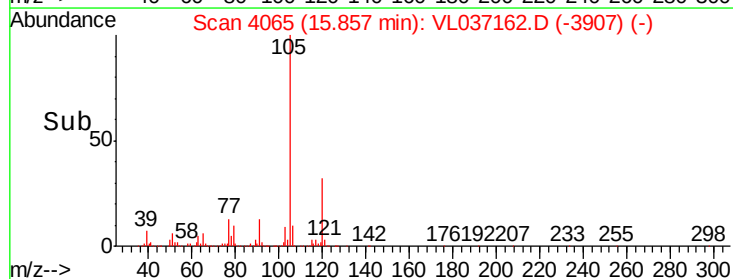
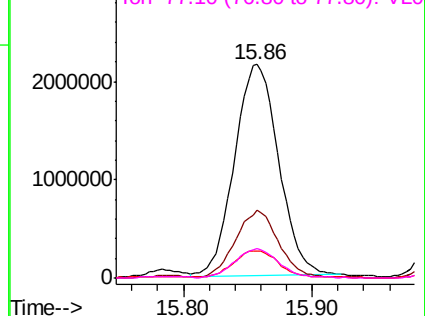


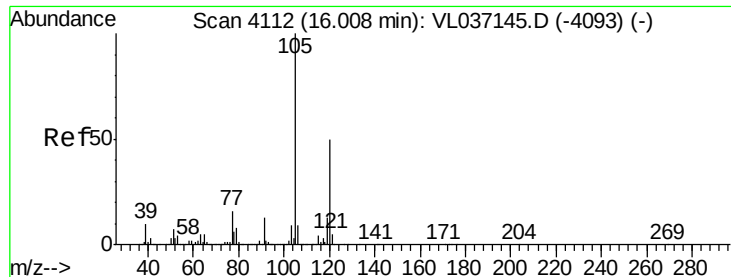
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0





#73

1,3,5-Trimethylbenzene

Concen: 7.067 ppbv

RT: 16.01 min Scan# 4114

Delta R.T. 0.01 min

Lab File: VL037162.D

Acq: 15 Jun 2021 20:28

Instrument :

MSVOA_L

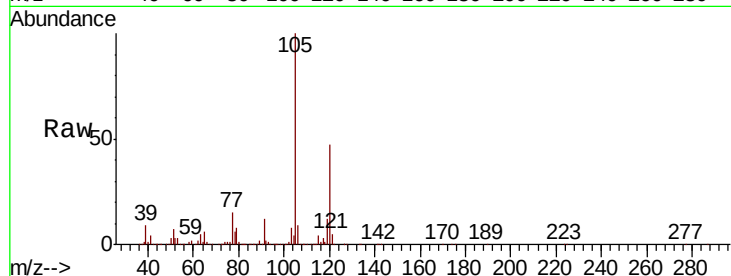
ClientSampled :

Tot Ion:105 Resp: 4673945

Ion Ratio Lower Upper

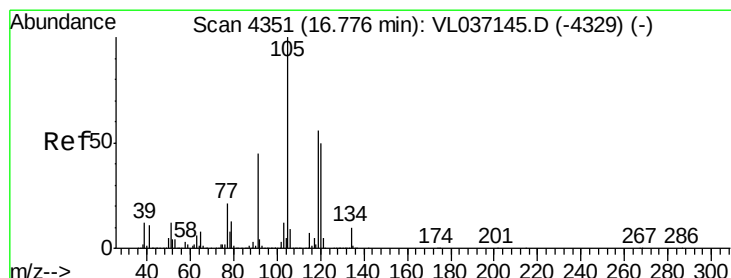
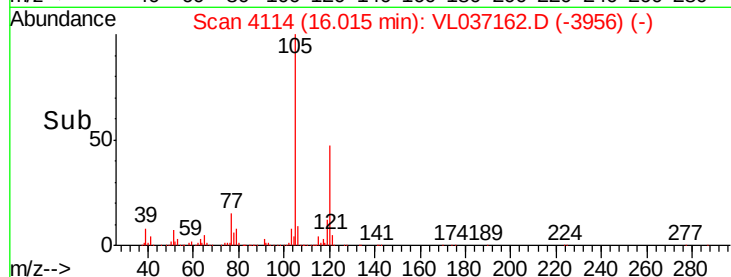
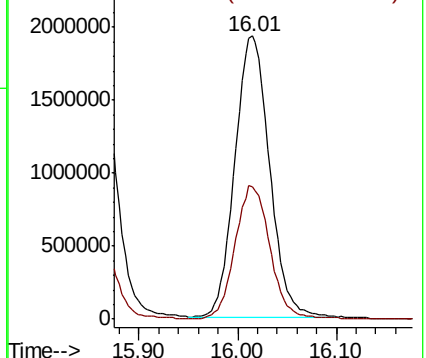
105 100

120 46.9 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: 7.333 ppbv

RT: 16.78 min Scan# 4352

Delta R.T. 0.00 min

Lab File: VL037162.D

Acq: 15 Jun 2021 20:28

Tgt Ion:105 Resp: 4934938

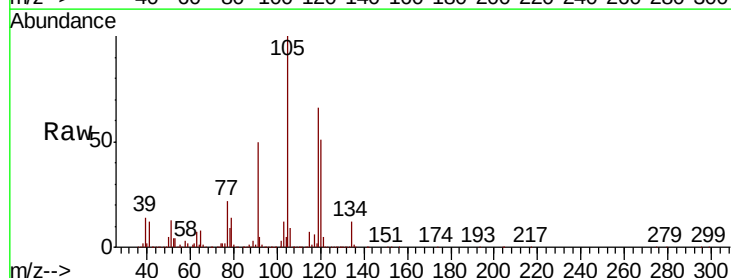
Ion Ratio Lower Upper

105 100

120 50.6 39.7 59.5

91 50.3 35.8 53.8

77 21.9 16.7 25.1

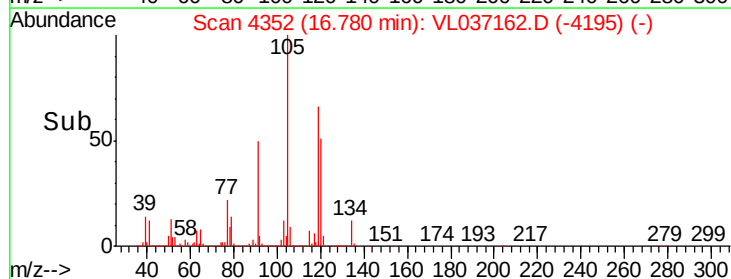
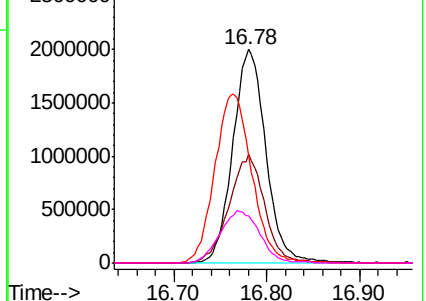


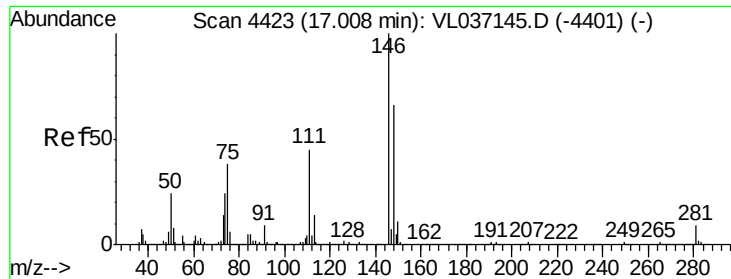
Abundance Ion 105.10 (104.80 to 105.80): V

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

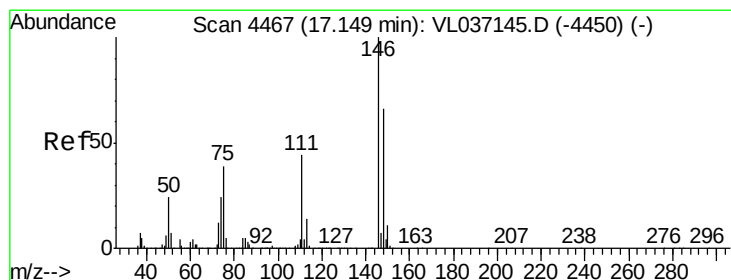
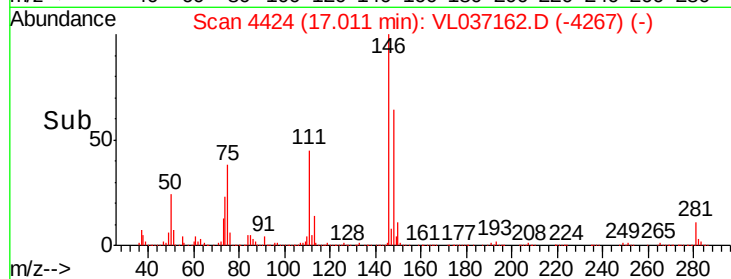
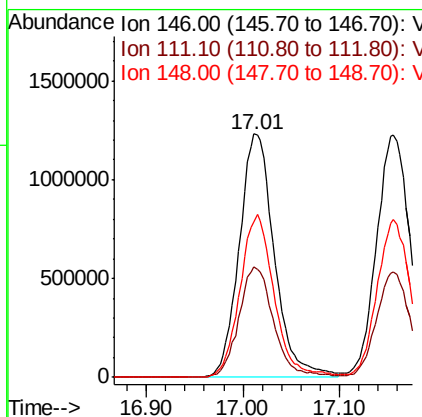
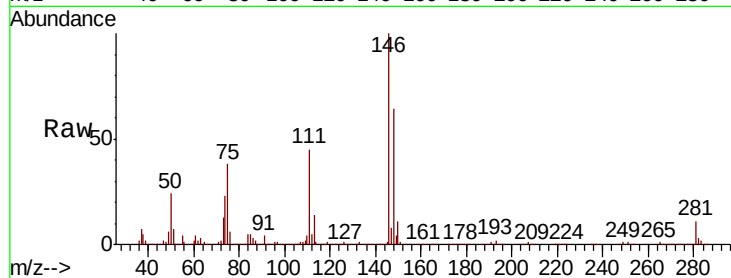




#75
 1,3-Dichlorobenzene
 Concen: 7.502 ppbv
 RT: 17.01 min Scan# 4424
 Delta R.T. 0.00 min
 Lab File: VL037162.D
 Acq: 15 Jun 2021 20:28

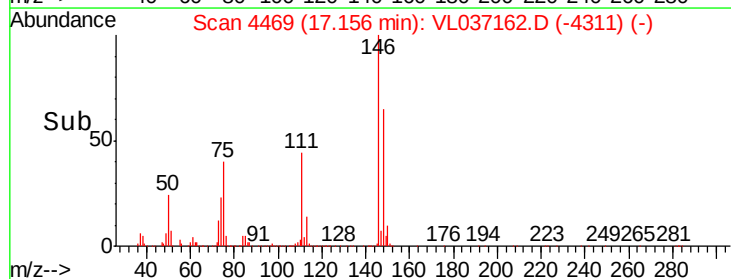
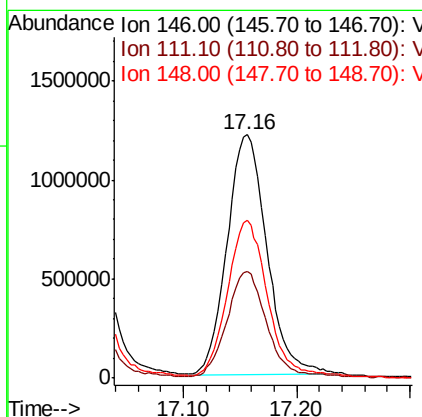
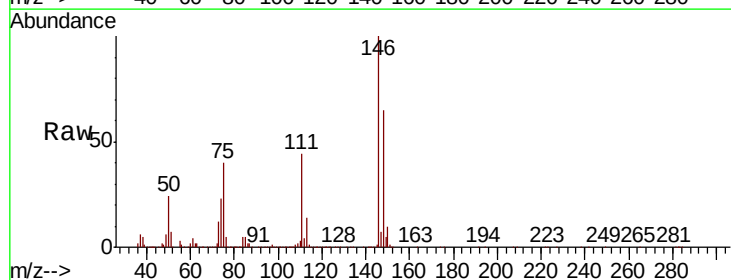
Instrument :
 MSVOA_L
 ClientSampleId :

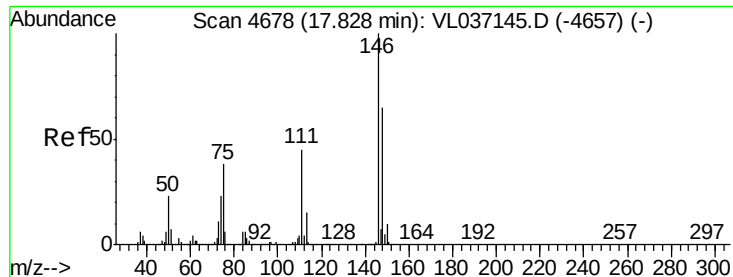
Tot Ion:146 Resp: 3108329
 Ion Ratio Lower Upper
 146 100
 111 44.8 22.4 67.2
 148 65.2 32.3 96.9



#76
 1,4-Dichlorobenzene
 Concen: 7.227 ppbv
 RT: 17.16 min Scan# 4469
 Delta R.T. 0.01 min
 Lab File: VL037162.D
 Acq: 15 Jun 2021 20:28

Tgt Ion:146 Resp: 2974257
 Ion Ratio Lower Upper
 146 100
 111 45.1 21.9 65.5
 148 67.2 32.4 97.0

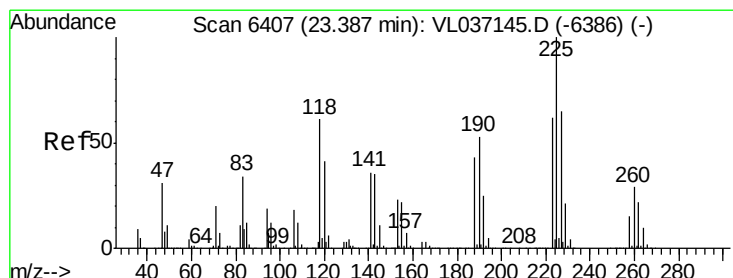
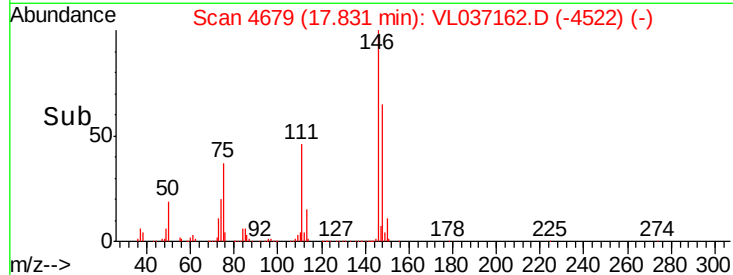
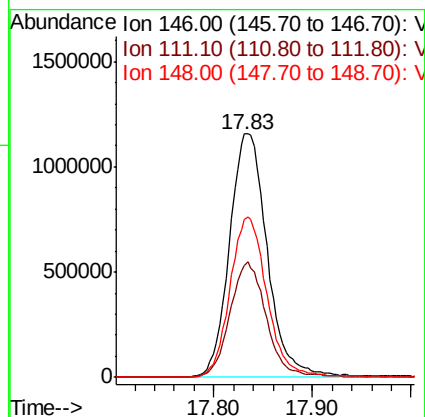
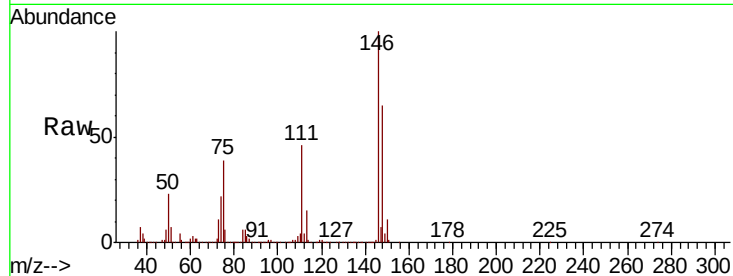




#77
 1,2-Dichlorobenzene
 Concen: 7.434 ppbv
 RT: 17.83 min Scan# 4679
 Delta R.T. 0.00 min
 Lab File: VL037162.D
 Acq: 15 Jun 2021 20:28

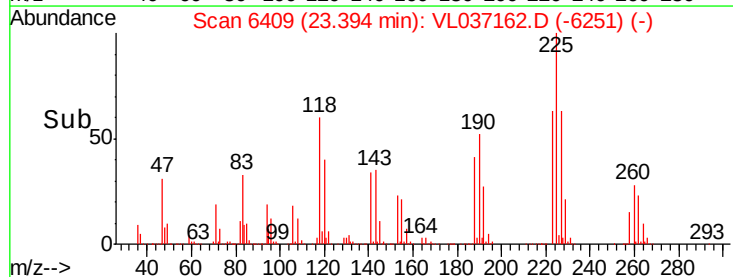
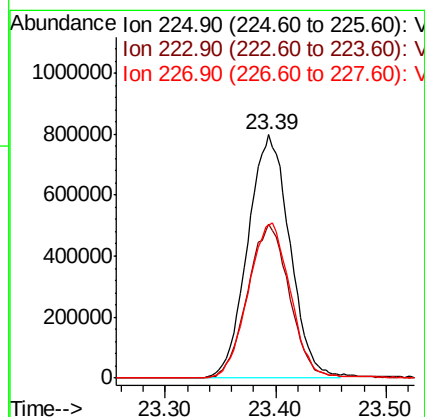
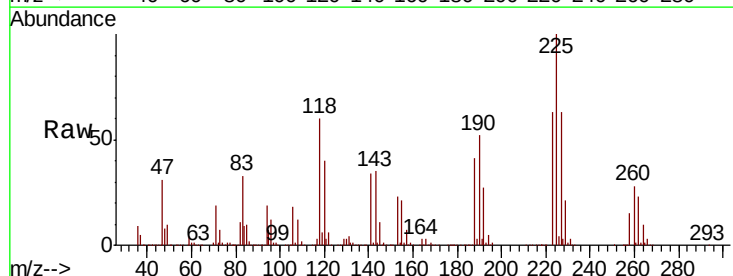
Instrument :
 MSVOA_L
 ClientSampleId :

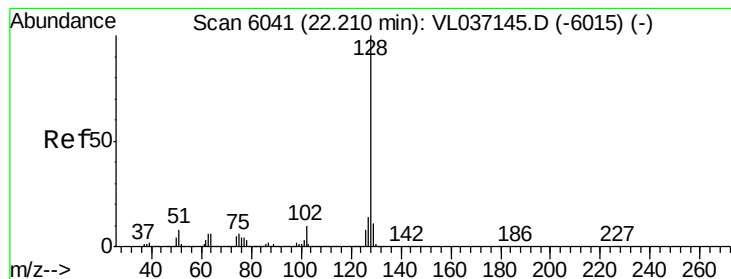
Tot Ion:146 Resp: 3037084
 Ion Ratio Lower Upper
 146 100
 111 46.4 23.1 69.3
 148 65.4 32.5 97.5



#78
 Hexachloro-1,3-Butadiene
 Concen: 7.266 ppbv
 RT: 23.39 min Scan# 6409
 Delta R.T. 0.01 min
 Lab File: VL037162.D
 Acq: 15 Jun 2021 20:28

Tgt Ion:225 Resp: 2104440
 Ion Ratio Lower Upper
 225 100
 223 63.5 52.2 78.2
 227 64.4 51.5 77.3





#79

Naphthalene

Concen: 9.613 ppbv

RT: 22.22 min Scan# 6044

Delta R.T. 0.01 min

Lab File: VL037162.D

Acq: 15 Jun 2021 20:28

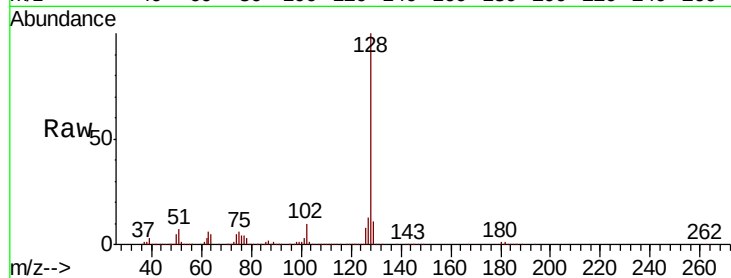
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:128 Resp: 3893882

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.9	16.3
129	11.4	9.0	13.4

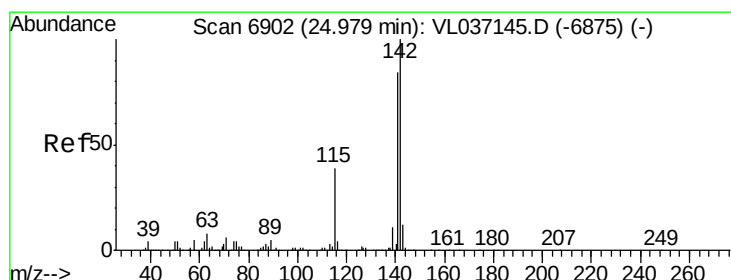
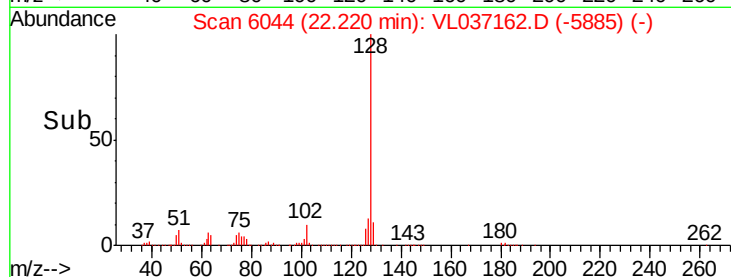
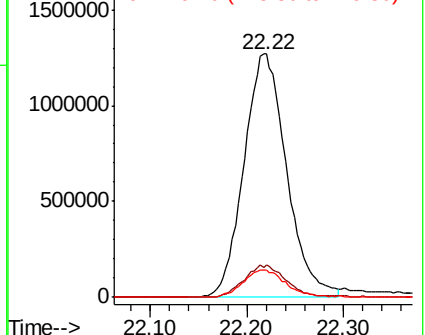


Abundance

Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 11.924 ppbv

RT: 24.99 min Scan# 6904

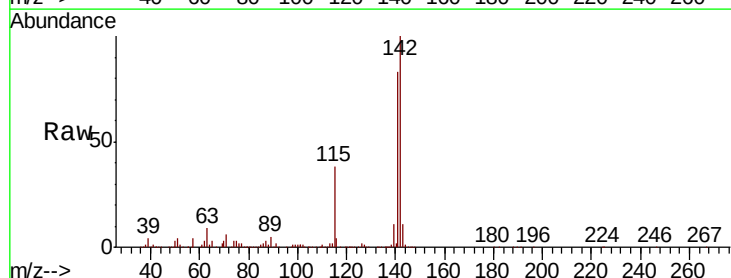
Delta R.T. 0.01 min

Lab File: VL037162.D

Acq: 15 Jun 2021 20:28

Tgt Ion:142 Resp: 1168555

Ion	Ratio	Lower	Upper
142	100		
141	79.7	66.7	100.1
115	36.2	32.2	48.2

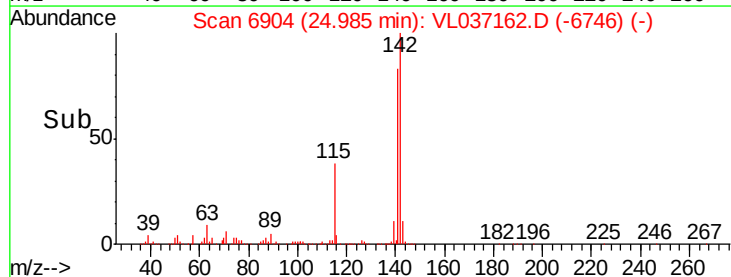
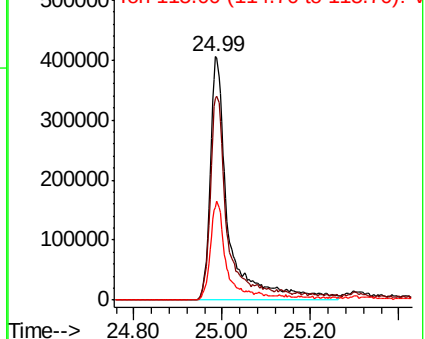


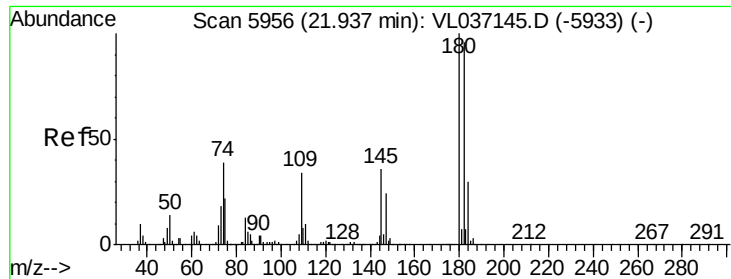
Abundance

Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V





#81

1,2,4-Trichlorobenzene

Concen: 8.750 ppbv

RT: 21.95 min Scan# 5959

Delta R.T. 0.01 min

Lab File: VL037162.D

Acq: 15 Jun 2021 20:28

Instrument :

MSVOA_L

ClientSampleId :

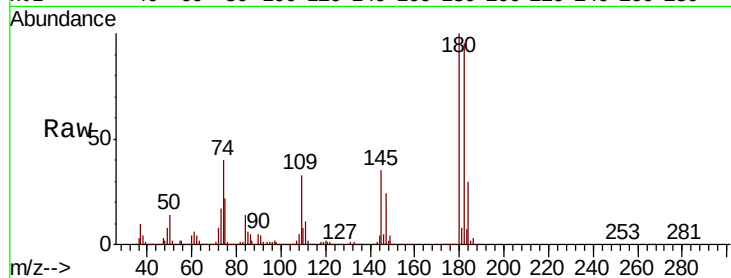
Tot Ion:180 Resp: 2254530

Ion Ratio Lower Upper

180 100

182 99.8 79.8 119.6

184 31.1 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

