

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL072920\
 Data File : VL035262.D
 Acq On : 30 Jul 2020 1:31
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 30 02:54:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 29 07:14:29 2020
 QLast Update : Wed Jul 29 07:14:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1312358	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3158743	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	3157226	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.46	95	2459082	9.75	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.50%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.01	85	1515828	9.671	ppbv 99
3) Chlorodifluoromethane	2.94	51	1311014	9.025	ppbv 100
4) Chloromethane	3.10	50	753361	9.215	ppbv 97
5) Vinyl Chloride	3.22	62	765750	8.993	ppbv 99
6) Bromomethane	3.44	94	479644	9.119	ppbv 100
7) Chloroethane	3.52	64	285719	9.296	ppbv 97
8) Dichlorotetrafluoroethane	3.15	85	1805704	9.080	ppbv 99
9) Propene	2.97	41	496115	9.797	ppbv 99
10) Heptane	8.14	43	1492478	10.888	ppbv 100
11) Trichlorofluoromethane	3.92	101	1929617	9.153	ppbv 97
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1340610	8.966	ppbv 100
13) Ethanol	3.57	45	125550	6.092	ppbv 92
14) Bromoethene	3.71	108	582070	9.539	ppbv 98
15) Acetone	3.82	43	1449811	8.282	ppbv 99
16) 1,3-Butadiene	3.29	39	683280	10.006	ppbv 97
17) tert-Butyl alcohol	4.27	59	1586545	9.391	ppbv 99
18) 1,1-Dichloroethene	4.27	96	619981	9.339	ppbv 94
19) Isopropyl Alcohol	3.94	45	1027227	8.898	ppbv 99
20) Methylene Chloride	4.32	84	577294	7.245	ppbv 99
21) Allyl Chloride	4.39	41	970040	9.730	ppbv 100
22) trans-1,2-Dichloroethene	4.87	96	606466	9.507	ppbv 96
23) Vinyl Acetate	5.06	43	1794535	10.202	ppbv 99
24) 1,1-Dichloroethane	5.00	63	1545622	9.422	ppbv 100
25) Ethyl Acetate	5.67	43	2651696	9.700	ppbv 99
26) Hexane	5.68	57	1179076	9.561	ppbv 98
27) Carbon Disulfide	4.53	76	1610092	9.664	ppbv 99
28) Methyl tert-Butyl Ether	5.02	73	1810834	10.272	ppbv 99
29) Chloroform	5.75	83	1901002	9.191	ppbv 98
30) Cyclohexane	7.14	84	992489	11.259	ppbv 98
31) cis-1,2-Dichloroethene	5.54	61	1127872	10.492	ppbv 99
32) 1,1,1-Trichloroethane	6.51	97	1886123	8.909	ppbv 99
34) 2-Butanone	5.23	43	1562654	9.723	ppbv 99
35) Carbon Tetrachloride	7.03	117	1987789	9.399	ppbv 98
36) Benzene	6.90	78	2297204	10.464	ppbv 99
37) 1,2-Dichloroethane	6.31	62	1490800	9.715	ppbv 100
38) Trichloroethene	7.85	130	977876	10.748	ppbv 98
39) 1,2-Dichloropropane	7.63	63	909795	10.387	ppbv 98
40) 1,4-Dioxane	7.84	88	381490	11.061	ppbv # 1
41) Tetrahydrofuran	6.04	42	846005	10.740	ppbv 99
42) Bromodichloromethane	7.81	83	2051868	10.018	ppbv 97
43) Methyl Methacrylate	8.03	69	1077331	11.327	ppbv 98

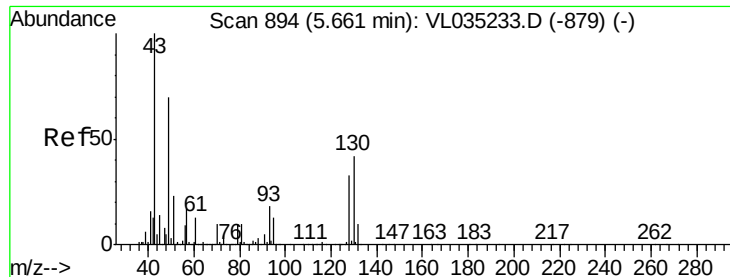
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL072920\
 Data File : VL035262.D
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Instrument :
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Quant Time: Jul 30 02:54:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 29 07:14:29 2020
 QLast Update : Wed Jul 29 07:14:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	4089945	10.574	ppbv	100
45) t-1,3-Dichloropropene	9.30	75	1169484	12.203	ppbv	98
46) cis-1,3-Dichloropropene	8.73	75	1377836	11.801	ppbv	99
47) 1,1,2-Trichloroethane	9.50	97	1025757	9.914	ppbv	97
48) Dibromochloromethane	10.34	129	1729820	10.616	ppbv	100
49) Bromoform	13.09	173	1580965	10.792	ppbv	99
50) 4-Methyl-2-Pentanone	8.76	43	2501975	10.742	ppbv	100
51) 2-Hexanone	10.16	43	2024030	11.459	ppbv	98
52) Tetrachloroethene	11.26	164	880574	10.513	ppbv	96
53) Toluene	9.83	91	2729637	11.700	ppbv	100
54) 1,2-Dibromoethane	10.65	107	1545995	10.334	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.16	131	1362923	9.389	ppbv	99
57) Chlorobenzene	12.18	112	2241974	9.438	ppbv	96
58) Ethyl Benzene	12.75	91	3783389	11.315	ppbv	98
59) m/p-Xylene	13.04	91	3278928	10.533	ppbv #	32
60) o-Xylene	13.74	91	1425541	4.590	ppbv #	11
61) Styrene	13.57	104	2272736	12.055	ppbv	100
62) Isopropylbenzene	14.71	105	4798773	10.381	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.72	83	2400212	8.981	ppbv	99
64) n-propylbenzene	15.61	120	1309686	10.655	ppbv	98
65) tert-Butylbenzene	16.80	119	4302682	10.274	ppbv	99
66) Benzyl Chloride	17.04	91	1671710	10.191	ppbv	99
67) sec-Butylbenzene	17.34	105	6143077	10.039	ppbv	100
69) p-Isopropyltoluene	17.70	119	5135327	10.288	ppbv	100
70) n-Butylbenzene	18.60	91	5387384	9.976	ppbv	99
71) 2-Chlorotoluene	15.50	91	3713873	10.654	ppbv	100
72) 4-Ethyltoluene	15.89	105	3910106	11.185	ppbv	100
73) 1,3,5-Trimethylbenzene	16.04	105	3631691	10.653	ppbv	99
74) 1,2,4-Trimethylbenzene	16.81	105	3868384	9.747	ppbv	98
75) 1,3-Dichlorobenzene	17.05	146	2259888	8.819	ppbv	99
76) 1,4-Dichlorobenzene	17.19	146	2249129	9.703	ppbv	99
77) 1,2-Dichlorobenzene	17.87	146	2172928	9.467	ppbv	100
78) Hexachloro-1,3-Butadiene	23.43	225	1437676	7.652	ppbv	99
79) Naphthalene	22.27	128	3062366	9.704	ppbv	99
80) Naphthalene, 2-methyl-	25.02	142	865299	8.472	ppbv	98
81) 1,2,4-Trichlorobenzene	22.00	180	1755262	9.137	ppbv	100

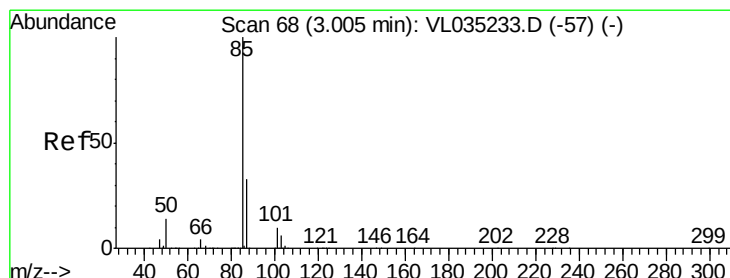
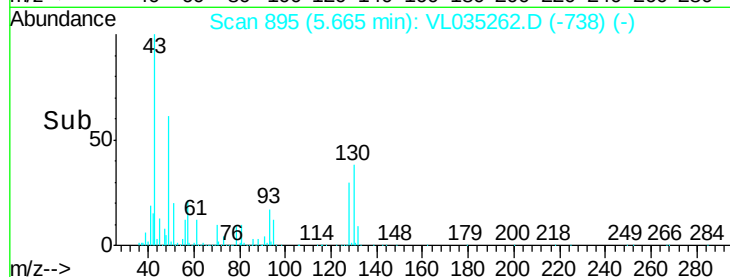
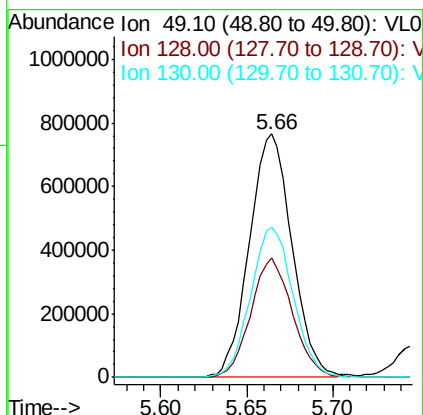
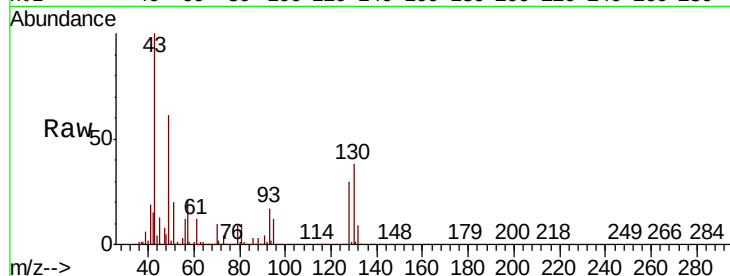
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: VL035262.D
 Acq: 30 Jul 2020 1:31

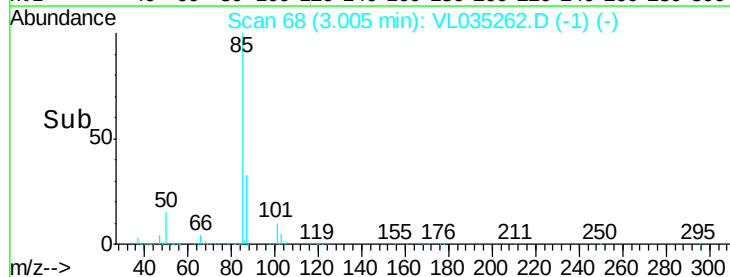
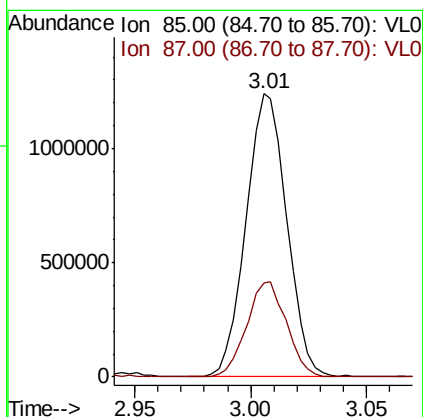
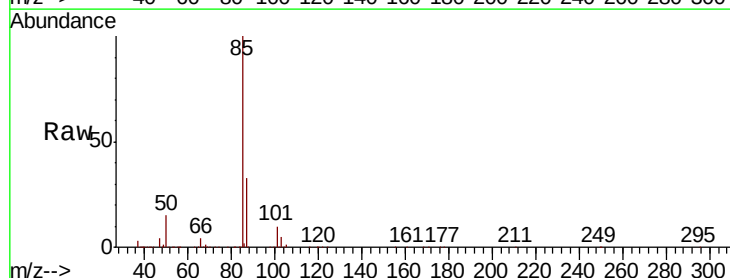
Instrument :
 MSVOA_L
 ClientSampleId :

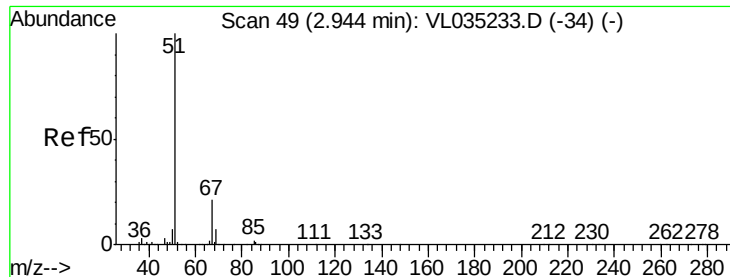
Tot Ion: 49 Resp: 1312358
 Ion Ratio Lower Upper
 49 100
 128 48.2 24.0 72.0
 130 61.9 30.7 92.1



#2
 Dichlorodifluoromethane
 Concen: 9.671 ppbv
 RT: 3.01 min Scan# 68
 Delta R.T. 0.00 min
 Lab File: VL035262.D
 Acq: 30 Jul 2020 1:31

Tgt Ion: 85 Resp: 1515828
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.7 40.1

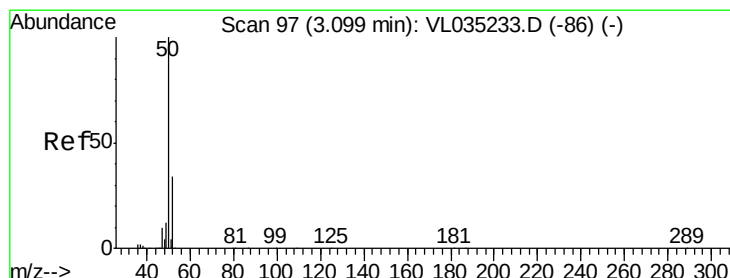
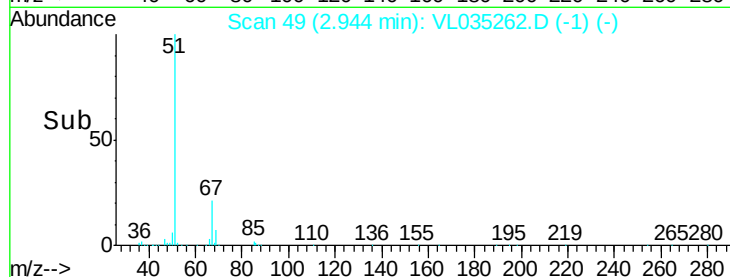
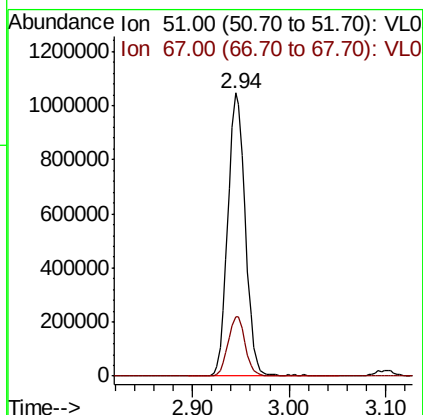
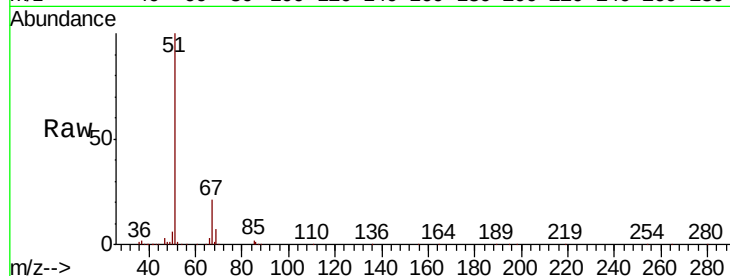




#3
Chlorodifluoromethane
Concen: 9.025 ppbv
RT: 2.94 min Scan# 49
Delta R.T. 0.00 min
Lab File: VL035262.D
Acq: 30 Jul 2020 1:31

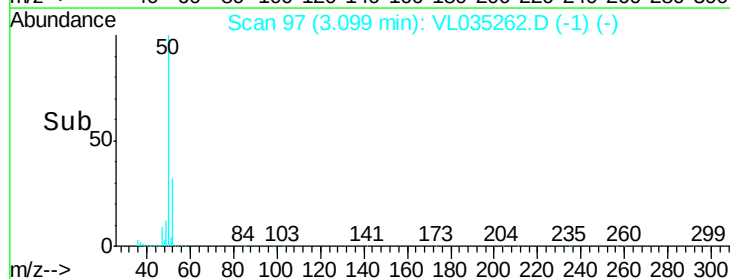
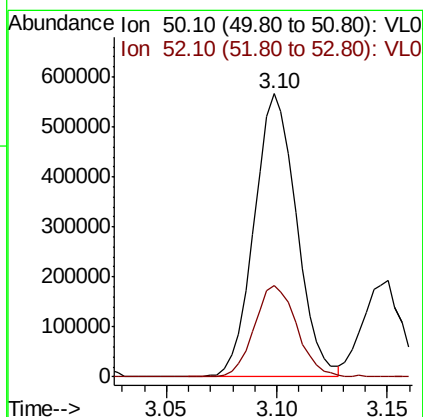
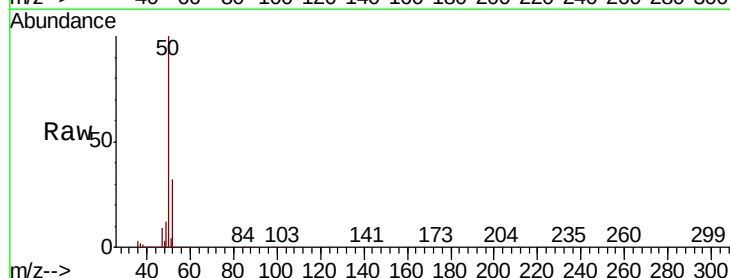
Instrument :
MSVOA_L
ClientSampleId :

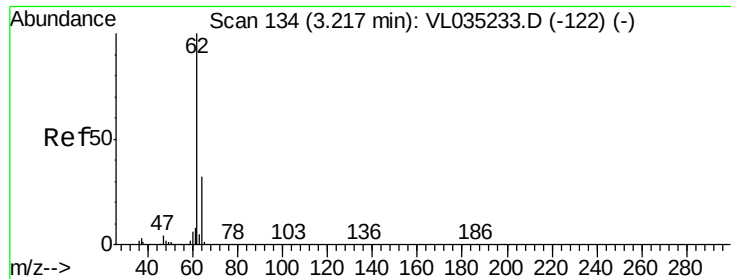
Tot Ion: 51 Resp: 1311014
Ion Ratio Lower Upper
51 100
67 20.9 16.6 25.0



#4
Chloromethane
Concen: 9.215 ppbv
RT: 3.10 min Scan# 97
Delta R.T. 0.00 min
Lab File: VL035262.D
Acq: 30 Jul 2020 1:31

Tgt Ion: 50 Resp: 753361
Ion Ratio Lower Upper
50 100
52 32.2 27.1 40.7





#5

Vinyl Chloride

Concen: 8.993 ppbv

RT: 3.22 min Scan# 134

Delta R.T. 0.00 min

Lab File: VL035262.D

Acq: 30 Jul 2020 1:31

Instrument :

MSVOA_L

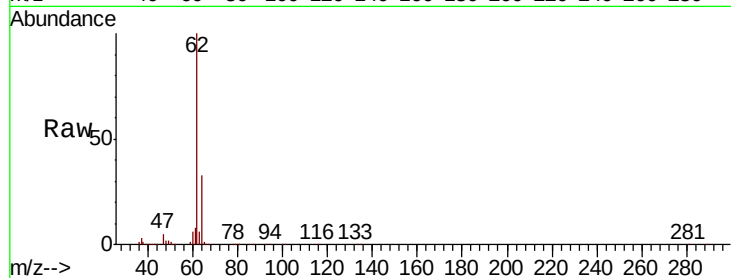
ClientSampleId :

Tot Ion: 62 Resp: 765750

Ion Ratio Lower Upper

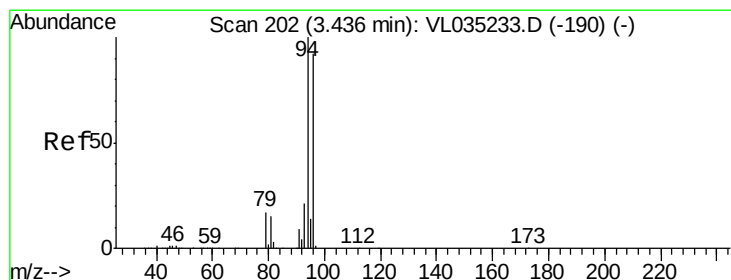
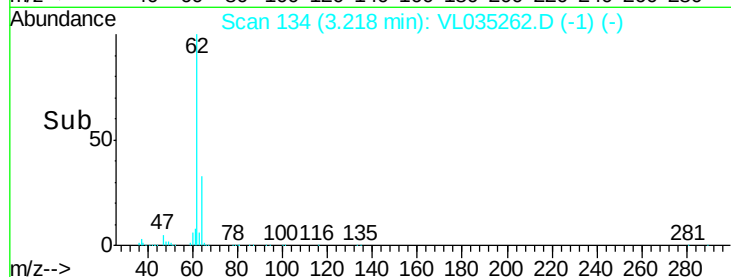
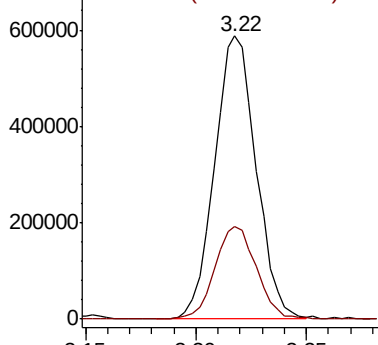
62 100

64 32.8 25.8 38.6



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 9.119 ppbv

RT: 3.44 min Scan# 202

Delta R.T. 0.00 min

Lab File: VL035262.D

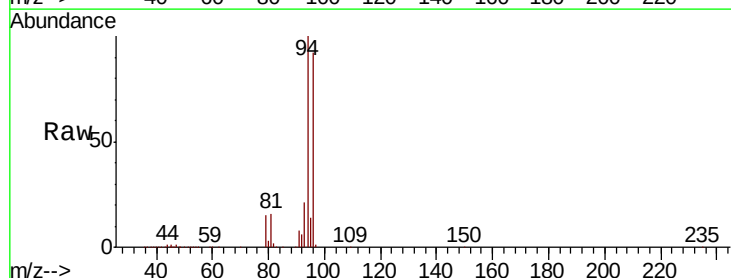
Acq: 30 Jul 2020 1:31

Tgt Ion: 94 Resp: 479644

Ion Ratio Lower Upper

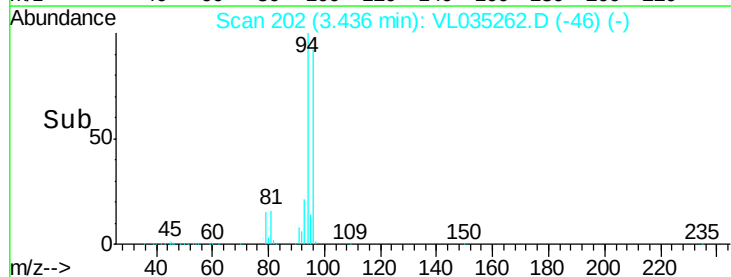
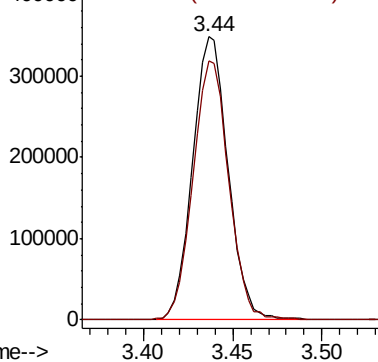
94 100

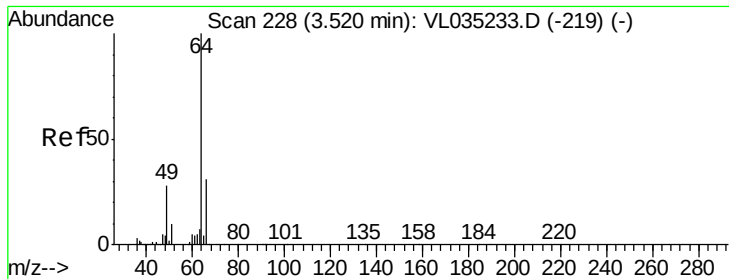
96 91.3 73.2 109.8



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 9.296 ppbv

RT: 3.52 min Scan# 229

Delta R.T. 0.00 min

Lab File: VL035262.D

Acq: 30 Jul 2020 1:31

Instrument :

MSVOA_L

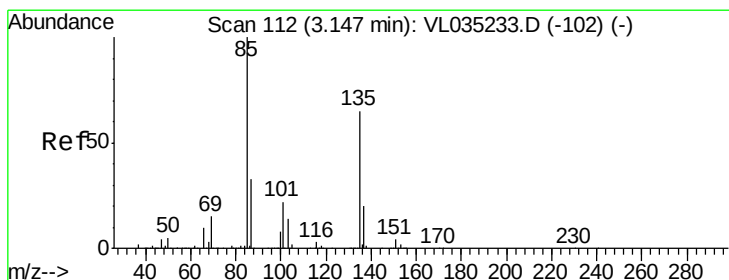
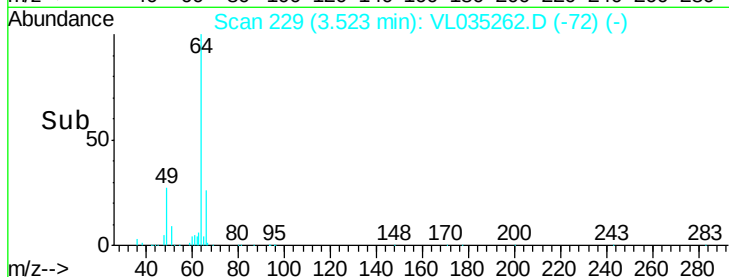
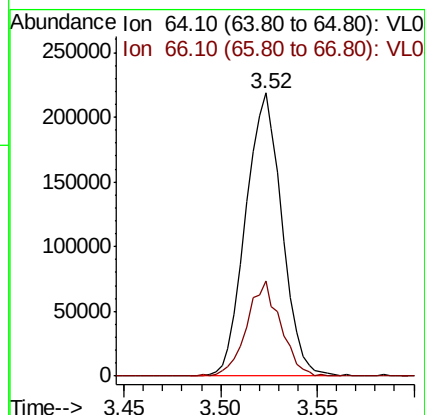
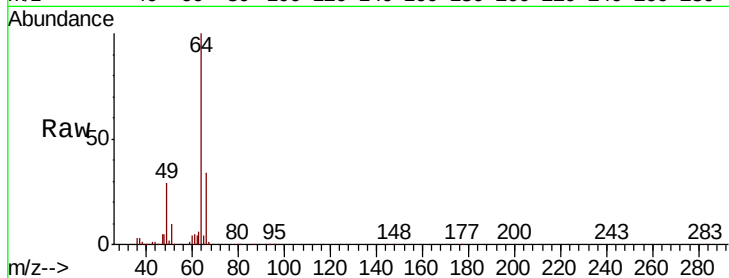
ClientSampleId :

Tot Ion: 64 Resp: 285719

Ion Ratio Lower Upper

64 100

66 33.8 25.6 38.4



#8

Dichlorotetrafluoroethane

Concen: 9.080 ppbv

RT: 3.15 min Scan# 112

Delta R.T. 0.00 min

Lab File: VL035262.D

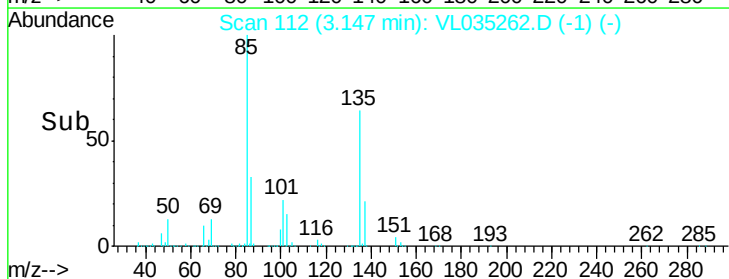
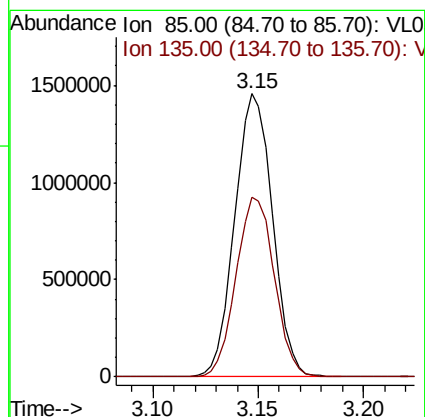
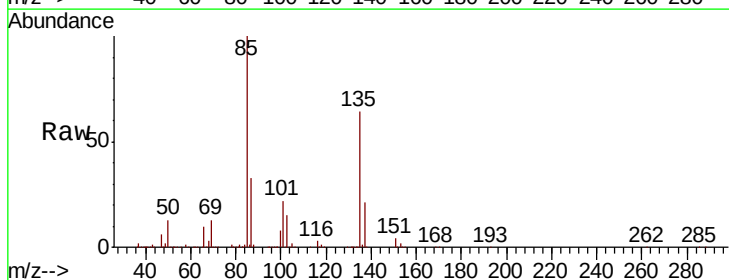
Acq: 30 Jul 2020 1:31

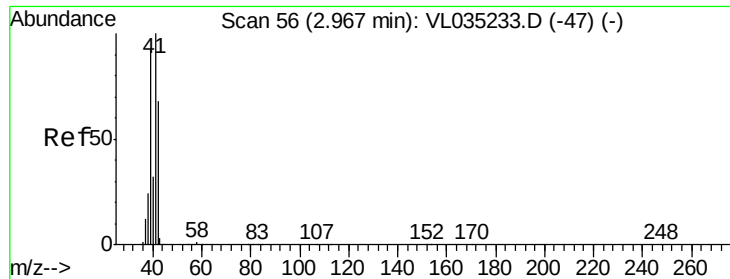
Tgt Ion: 85 Resp: 1805704

Ion Ratio Lower Upper

85 100

135 65.0 51.4 77.0





#9

Propene

Concen: 9.797 ppbv

RT: 2.97 min Scan# 56

Delta R.T. 0.00 min

Lab File: VL035262.D

Acq: 30 Jul 2020 1:31

Instrument :

MSVOA_L

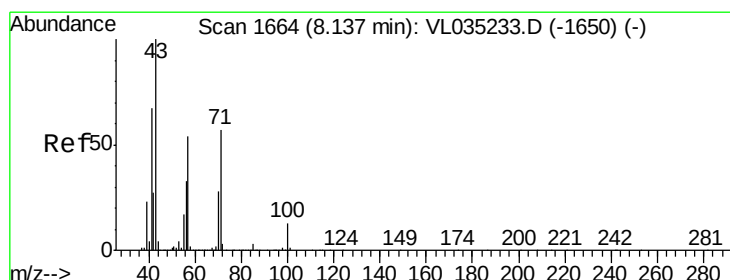
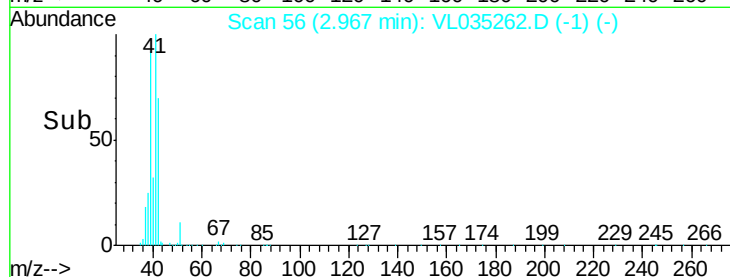
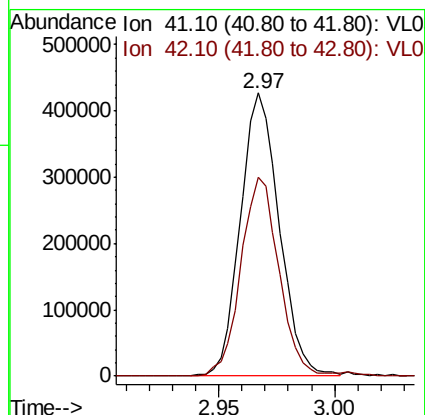
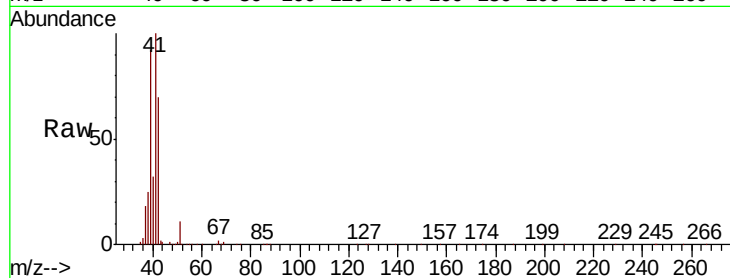
ClientSampleId :

Tot Ion: 41 Resp: 496115

Ion Ratio Lower Upper

41 100

42 69.8 55.0 82.6



#10

Heptane

Concen: 10.888 ppbv

RT: 8.14 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VL035262.D

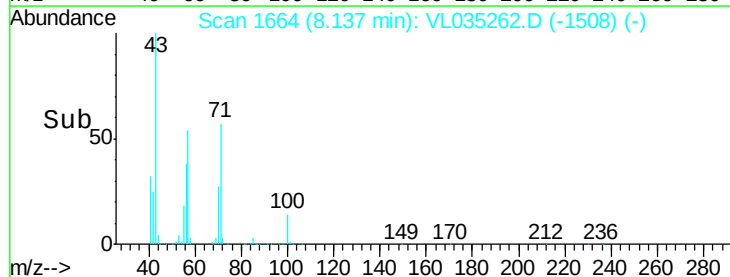
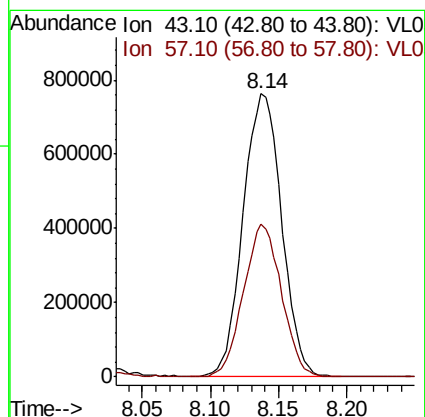
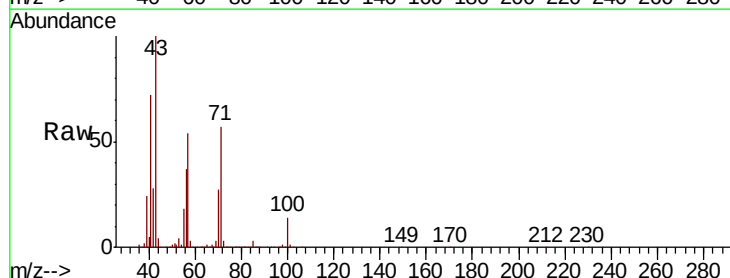
Acq: 30 Jul 2020 1:31

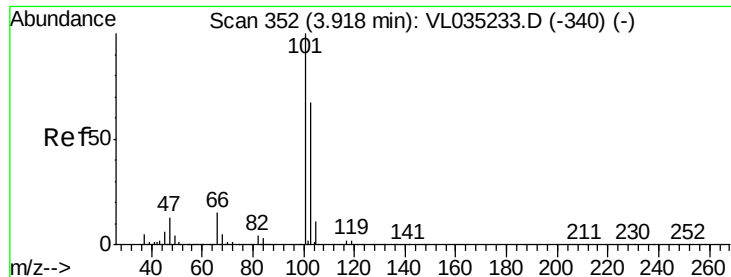
Tgt Ion: 43 Resp: 1492478

Ion Ratio Lower Upper

43 100

57 53.4 43.0 64.4

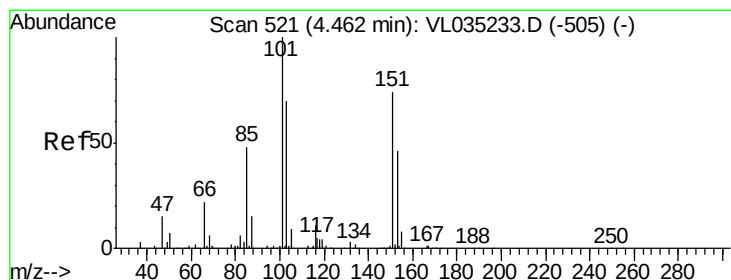
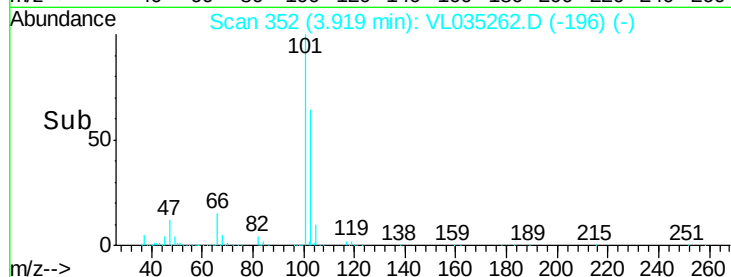
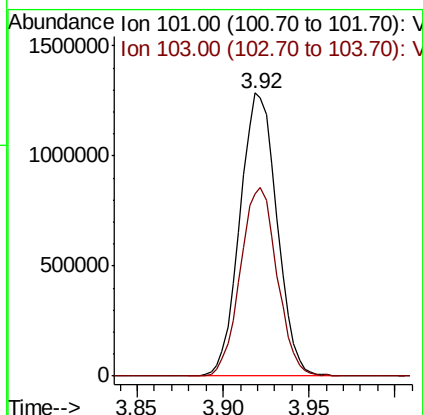
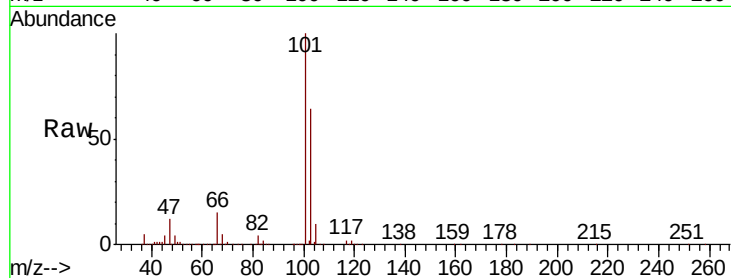




#11
 Trichlorofluoromethane
 Concen: 9.153 ppbv
 RT: 3.92 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VL035262.D
 Acq: 30 Jul 2020 1:31

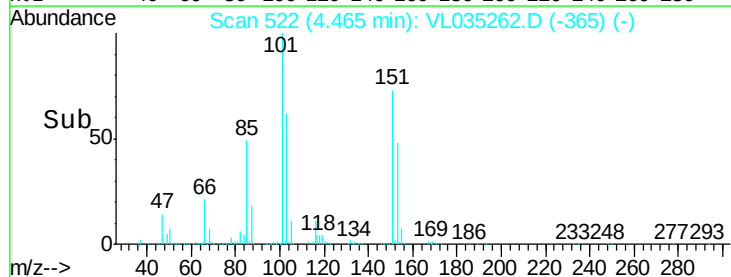
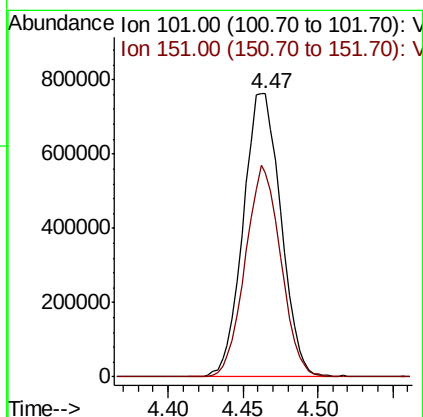
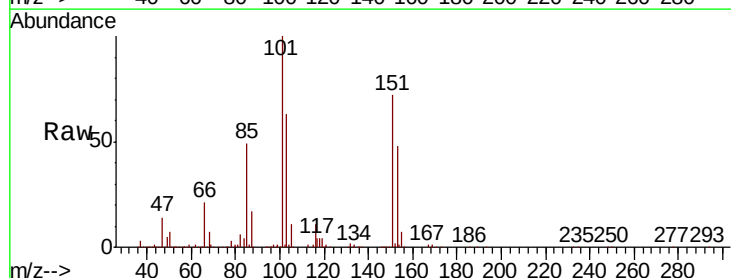
Instrument :
 MSVOA_L
 ClientSampled :

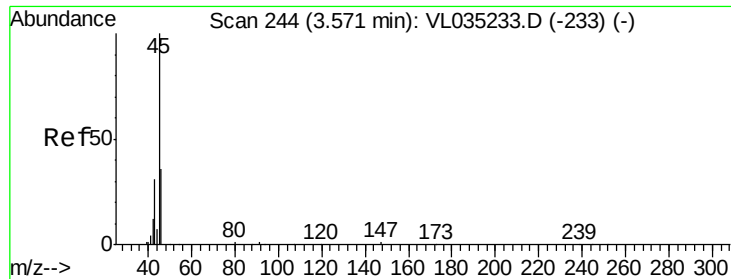
Tot Ion:101 Resp: 1929617
 Ion Ratio Lower Upper
 101 100
 103 64.4 53.4 80.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.966 ppbv
 RT: 4.47 min Scan# 522
 Delta R.T. 0.00 min
 Lab File: VL035262.D
 Acq: 30 Jul 2020 1:31

Tgt Ion:101 Resp: 1340610
 Ion Ratio Lower Upper
 101 100
 151 70.6 56.6 85.0

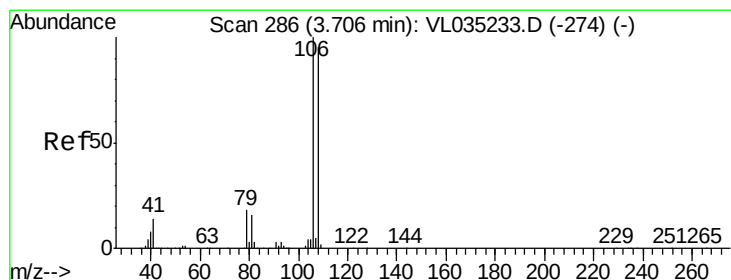
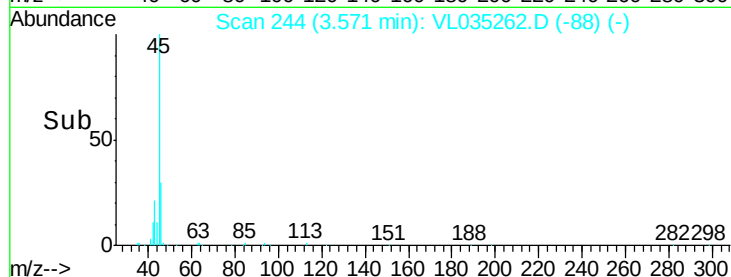
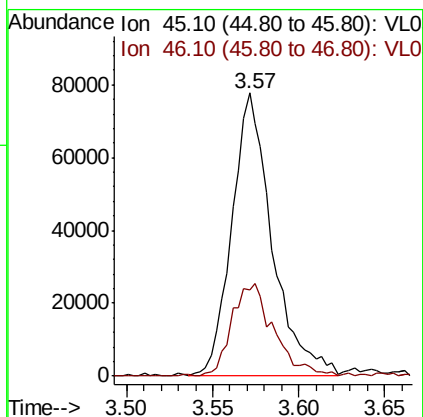
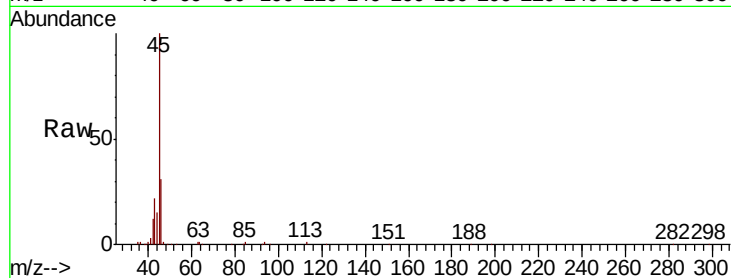




#13
Ethanol
Concen: 6.092 ppbv
RT: 3.57 min Scan# 244
Delta R.T. 0.00 min
Lab File: VL035262.D
Acq: 30 Jul 2020 1:31

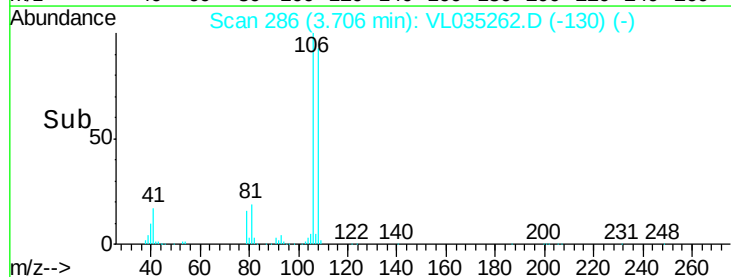
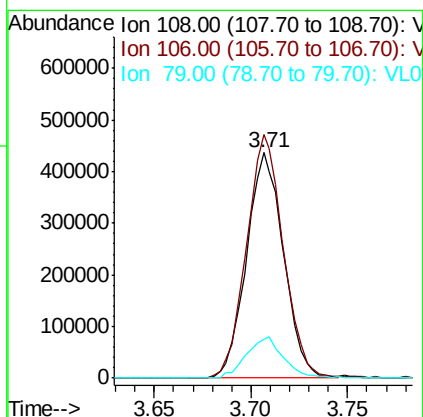
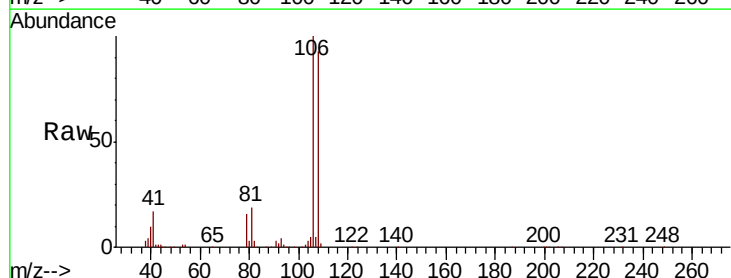
Instrument :
MSVOA_L
ClientSampleId :

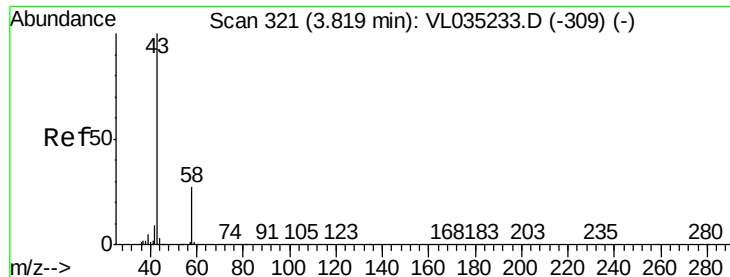
Tot Ion: 45 Resp: 125550
Ion Ratio Lower Upper
45 100
46 34.8 15.8 63.4



#14
Bromoethene
Concen: 9.539 ppbv
RT: 3.71 min Scan# 286
Delta R.T. 0.00 min
Lab File: VL035262.D
Acq: 30 Jul 2020 1:31

Tgt Ion: 108 Resp: 582070
Ion Ratio Lower Upper
108 100
106 108.1 85.0 127.6
79 18.6 15.4 23.2





#15

Acetone

Concen: 8.282 ppbv

RT: 3.82 min Scan# 321

Delta R.T. 0.00 min

Lab File: VL035262.D

Acq: 30 Jul 2020 1:31

Instrument :

MSVOA_L

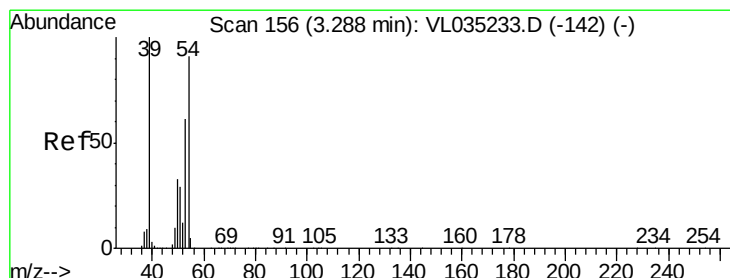
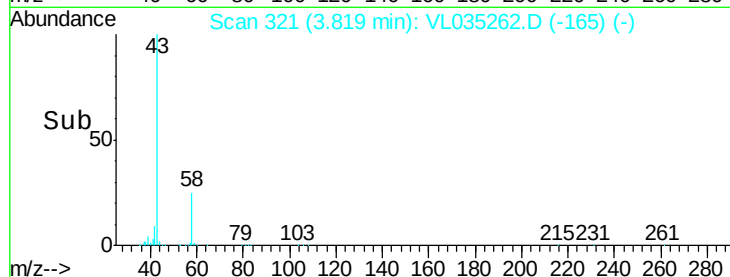
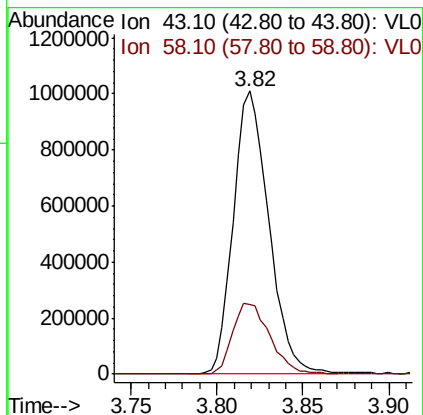
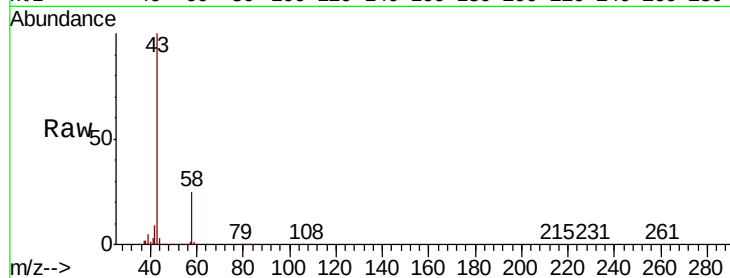
ClientSampleId :

Tot Ion: 43 Resp: 1449811

Ion Ratio Lower Upper

43 100

58 26.6 21.8 32.6



#16

1,3-Butadiene

Concen: 10.006 ppbv

RT: 3.29 min Scan# 156

Delta R.T. 0.00 min

Lab File: VL035262.D

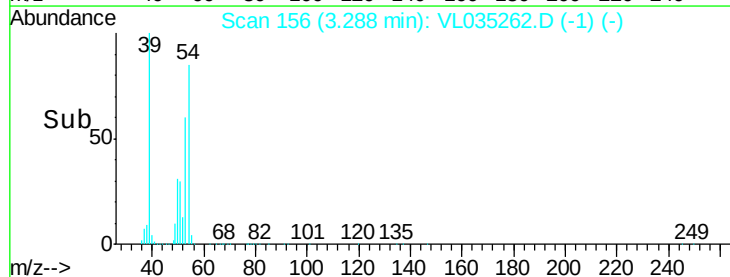
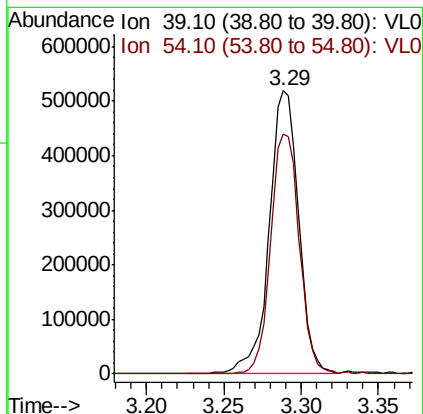
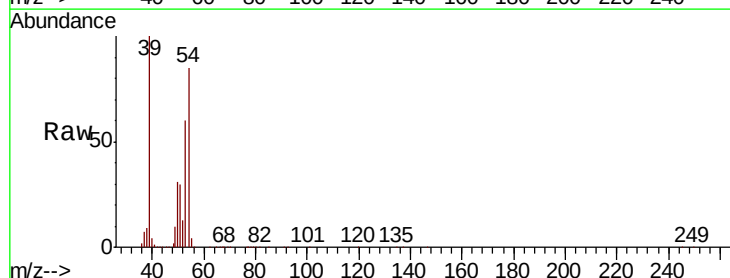
Acq: 30 Jul 2020 1:31

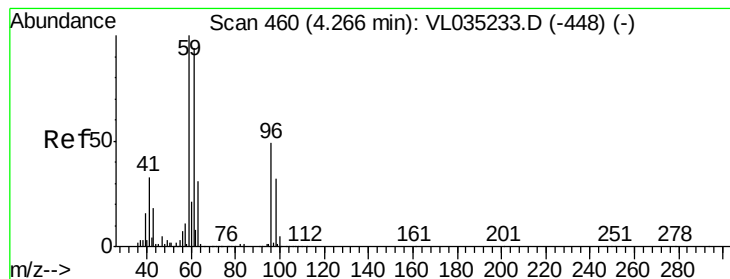
Tgt Ion: 39 Resp: 683280

Ion Ratio Lower Upper

39 100

54 82.6 68.2 102.2





#17

tert-Butyl alcohol

Concen: 9.391 ppbv

RT: 4.27 min Scan# 460

Delta R.T. 0.00 min

Lab File: VL035262.D

Acq: 30 Jul 2020 1:31

Instrument :

MSVOA_L

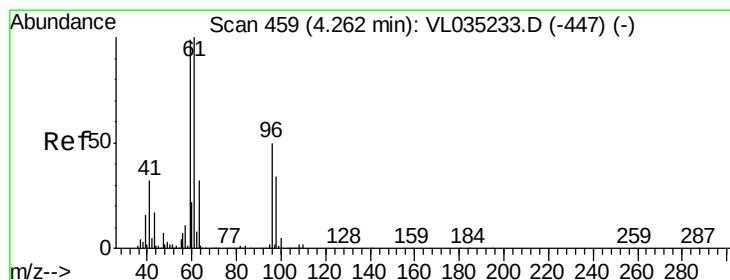
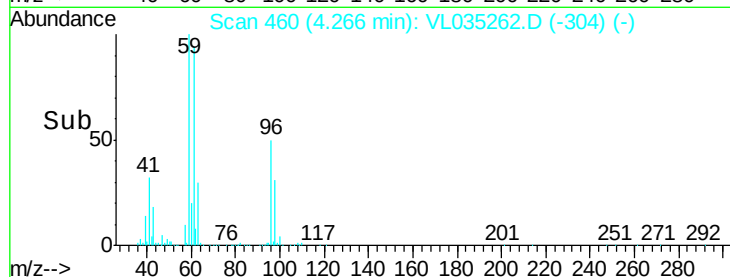
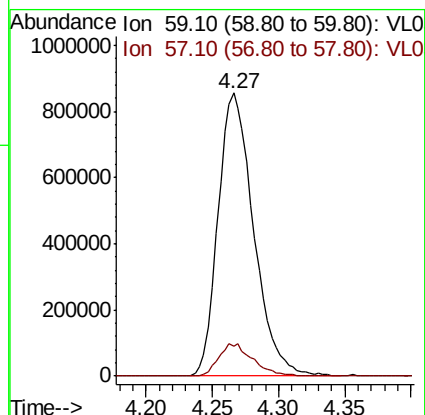
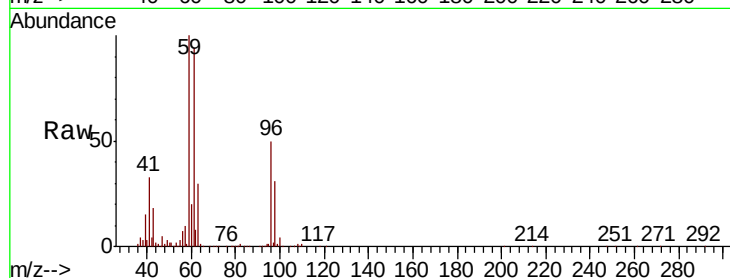
ClientSampled :

Tot Ion: 59 Resp: 1586545

Ion Ratio Lower Upper

59 100

57 11.2 8.6 12.8



#18

1,1-Dichloroethene

Concen: 9.339 ppbv

RT: 4.27 min Scan# 460

Delta R.T. 0.00 min

Lab File: VL035262.D

Acq: 30 Jul 2020 1:31

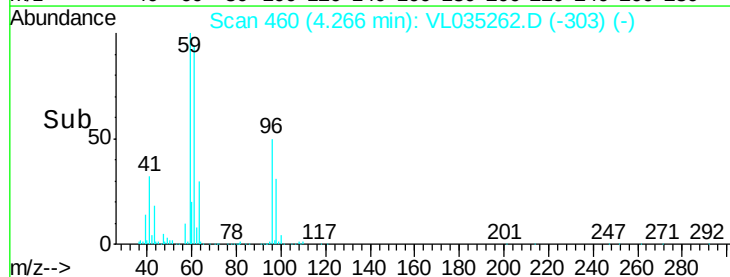
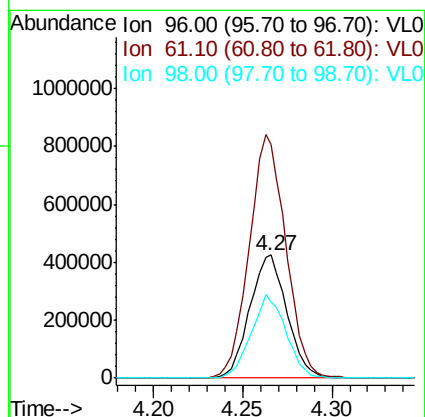
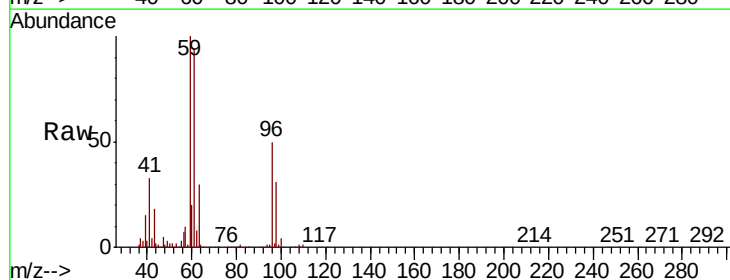
Tgt Ion: 96 Resp: 619981

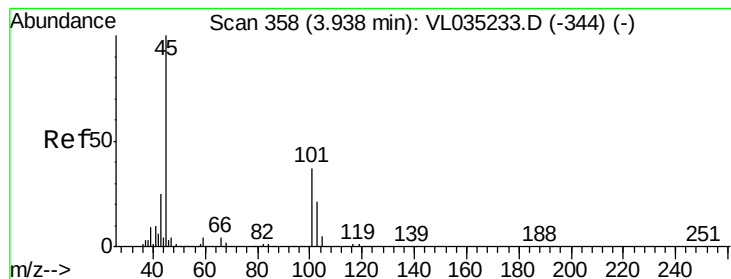
Ion Ratio Lower Upper

96 100

61 189.6 159.4 239.2

98 62.2 53.9 80.9





#19

Isopropyl Alcohol

Concen: 8.898 ppbv

RT: 3.94 min Scan# 358

Delta R.T. 0.00 min

Lab File: VL035262.D

Acq: 30 Jul 2020 1:31

Instrument :

MSVOA_L

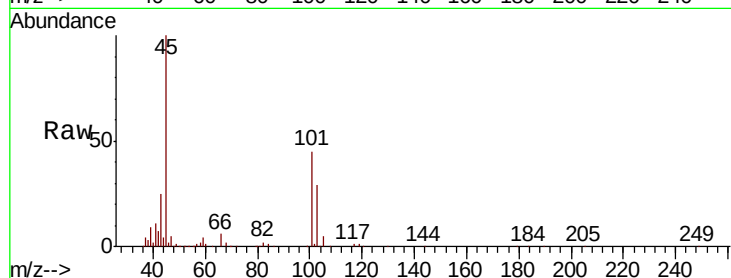
ClientSampleId :

Tot Ion: 45 Resp: 1027227

Ion Ratio Lower Upper

45 100

58 2.7 1.9 2.9



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.94

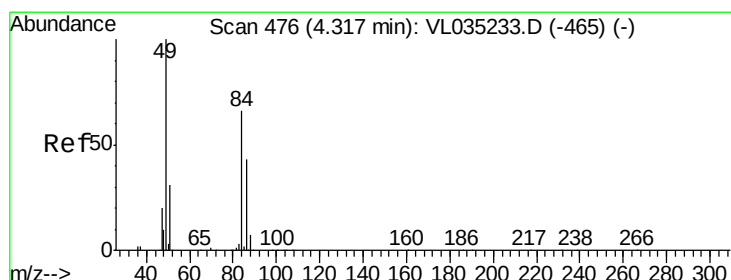
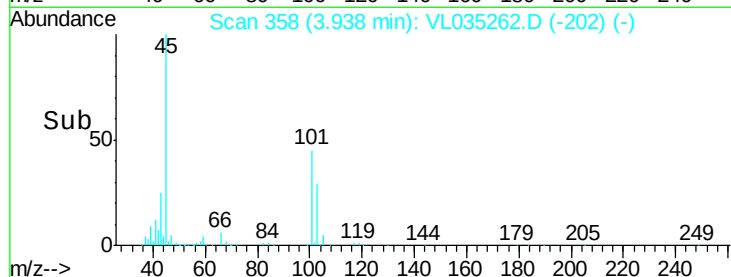
600000

400000

200000

0

Time-->



#20

Methylene Chloride

Concen: 7.245 ppbv

RT: 4.32 min Scan# 477

Delta R.T. 0.00 min

Lab File: VL035262.D

Acq: 30 Jul 2020 1:31

Tgt Ion: 84 Resp: 577294

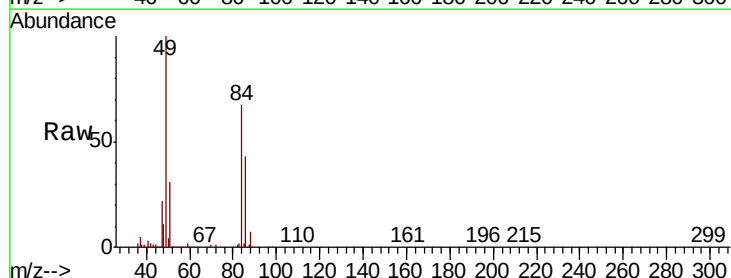
Ion Ratio Lower Upper

84 100

49 150.0 121.0 181.4

51 45.8 37.7 56.5

86 64.2 52.2 78.4



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

800000

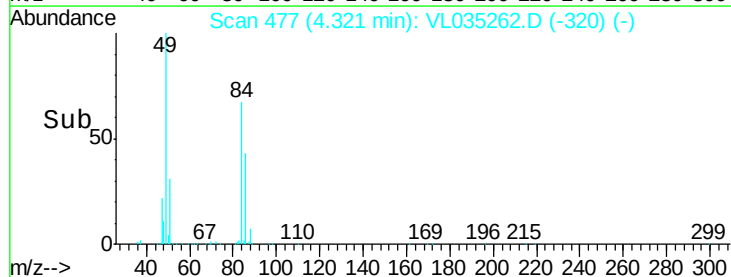
600000

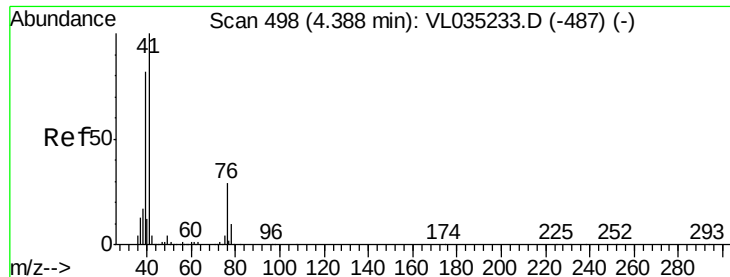
400000

200000

0

Time-->





#21

Allvl Chloride

Concen: 9.730 ppbv

RT: 4.39 min Scan# 499

Delta R.T. 0.00 min

Lab File: VL035262.D

Acq: 30 Jul 2020 1:31

Instrument :

MSVOA_L

ClientSampleId :

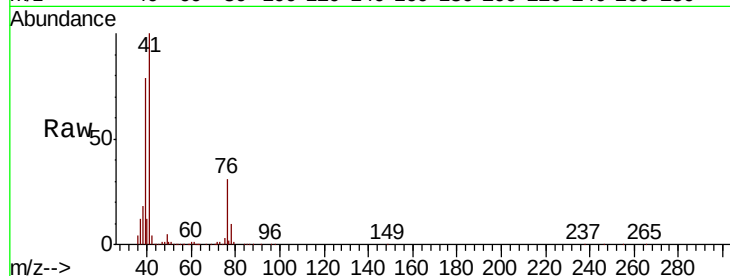
Tot Ion: 41 Resp: 970040

Ion Ratio Lower Upper

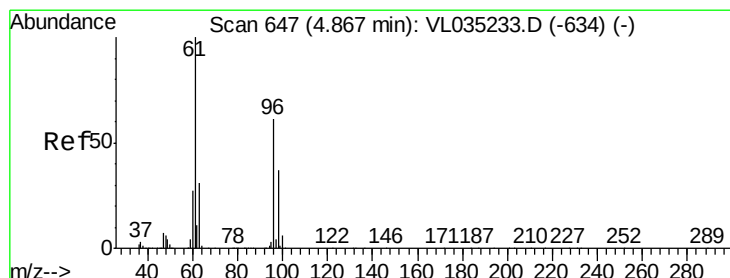
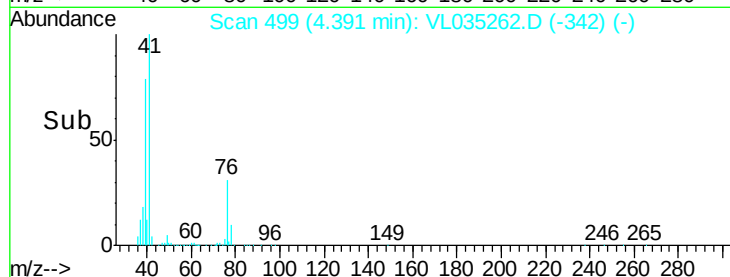
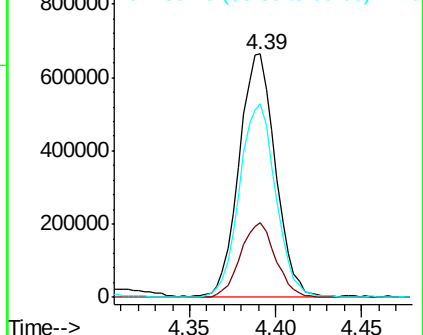
41 100

76 30.0 24.4 36.6

39 80.0 63.8 95.8



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 76.10 (75.80 to 76.80): VL0
Ion 39.10 (38.80 to 39.80): VL0



#22

trans-1,2-Dichloroethene

Concen: 9.507 ppbv

RT: 4.87 min Scan# 647

Delta R.T. 0.00 min

Lab File: VL035262.D

Acq: 30 Jul 2020 1:31

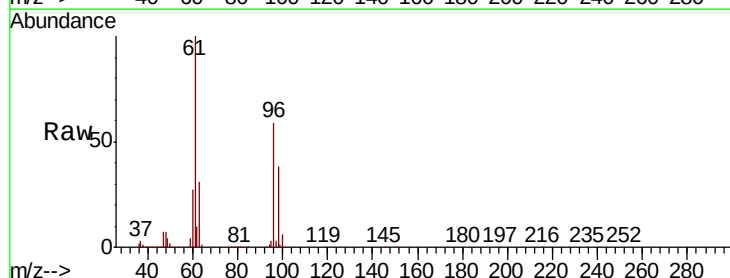
Tgt Ion: 96 Resp: 606466

Ion Ratio Lower Upper

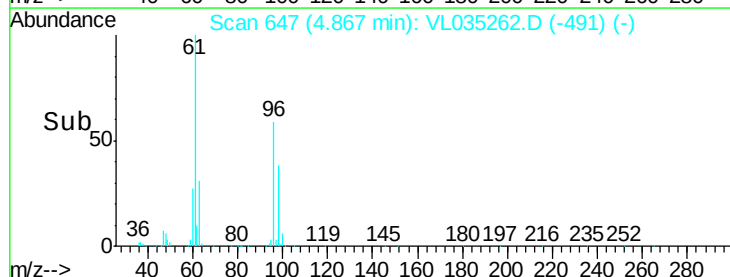
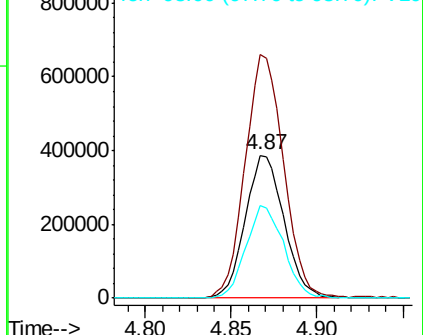
96 100

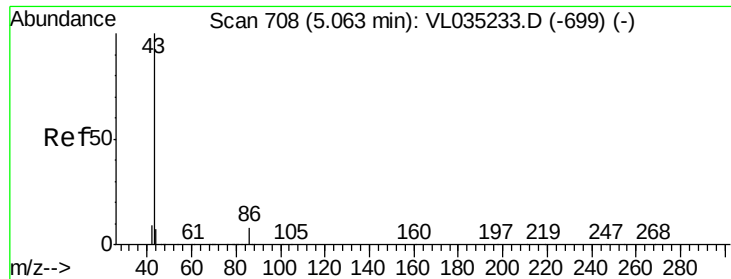
61 170.3 131.6 197.4

98 64.4 49.0 73.4



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





#23

Vinyl Acetate

Concen: 10.202 ppbv

RT: 5.06 min Scan# 707

Delta R.T. -0.00 min

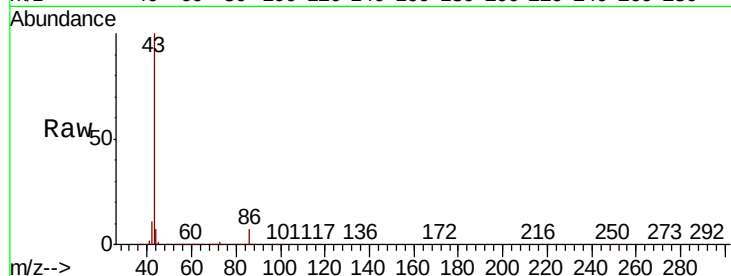
Lab File: VL035262.D

Acq: 30 Jul 2020 1:31

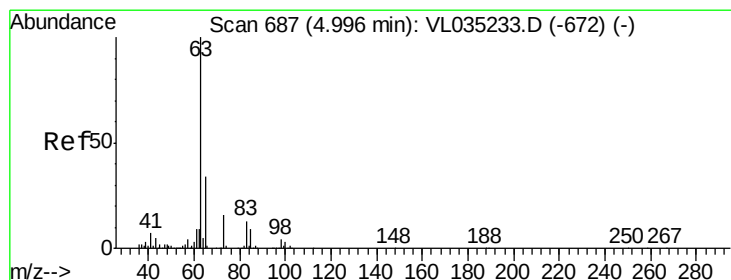
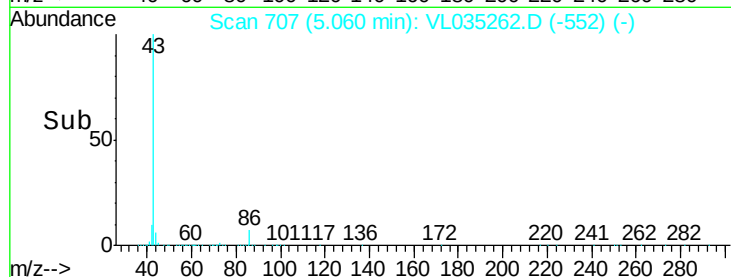
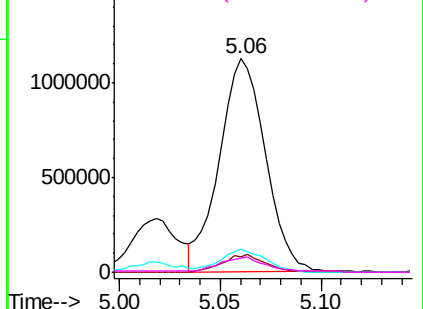
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 1794535

Ion	Ratio	Lower	Upper
43	100		
86	7.2	6.2	9.2
42	10.4	8.0	12.0
44	6.3	5.2	7.8



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



#24

1,1-Dichloroethane

Concen: 9.422 ppbv

RT: 5.00 min Scan# 688

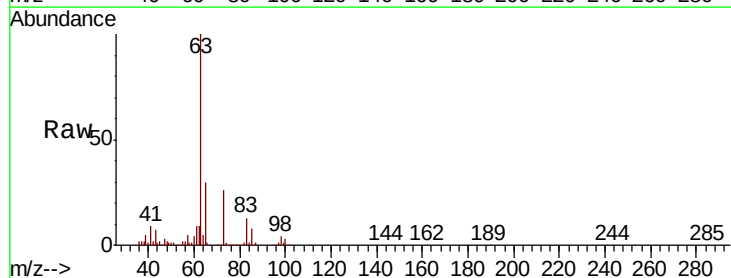
Delta R.T. 0.00 min

Lab File: VL035262.D

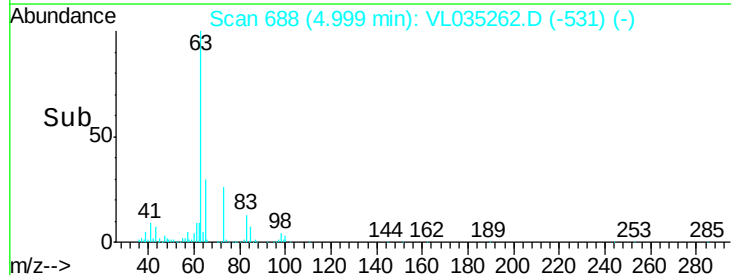
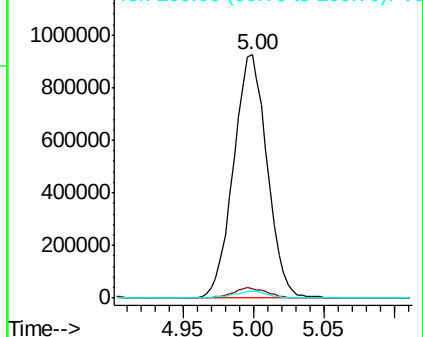
Acq: 30 Jul 2020 1:31

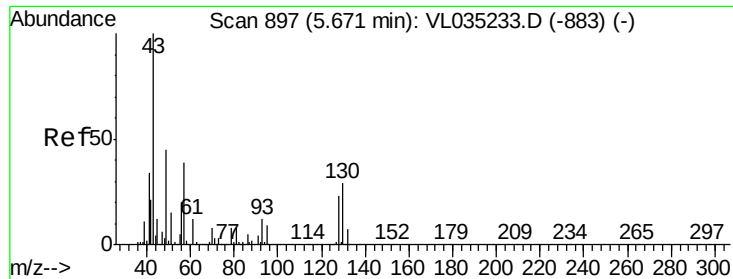
Tgt Ion: 63 Resp: 1545622

Ion	Ratio	Lower	Upper
63	100		
98	3.9	1.9	5.7
100	2.7	1.4	4.2



Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 98.00 (97.70 to 98.70): VL0
Ion 100.00 (99.70 to 100.70): VL0



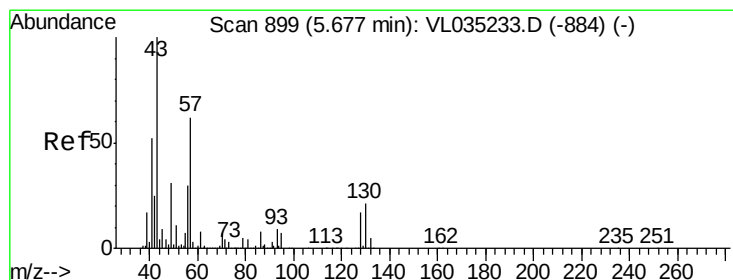
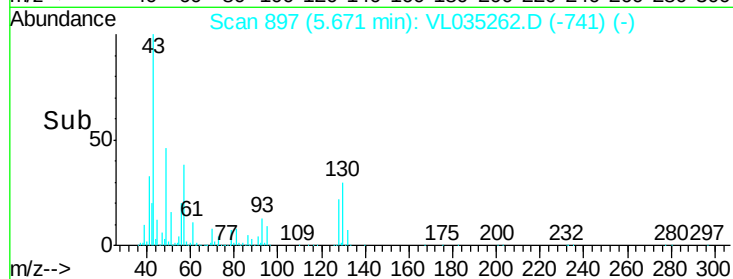
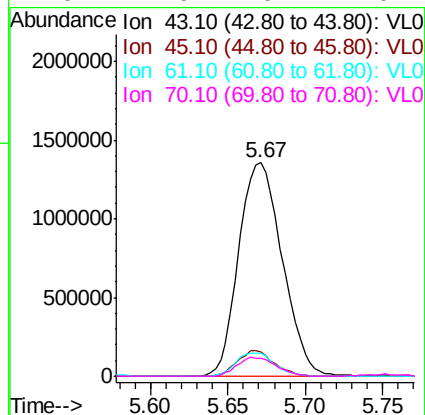
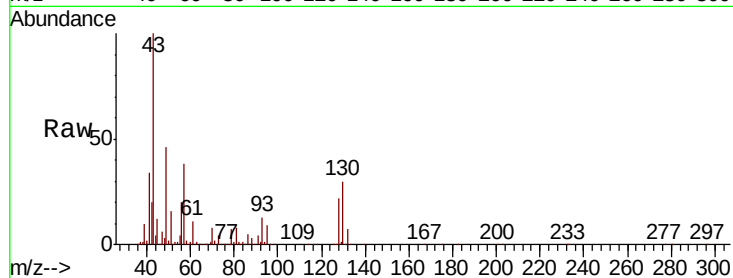


#25
Ethyl Acetate
Concen: 9.700 ppbv
RT: 5.67 min Scan# 897
Delta R.T. 0.00 min
Lab File: VL035262.D
Acq: 30 Jul 2020 1:31

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 2651696

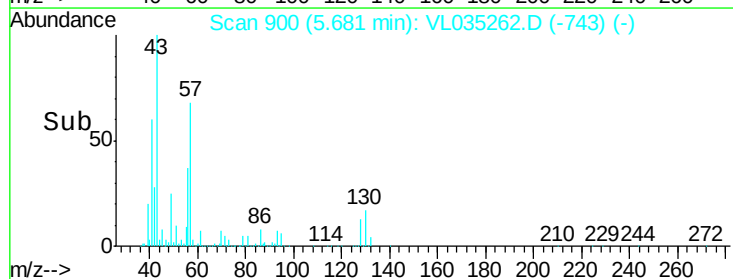
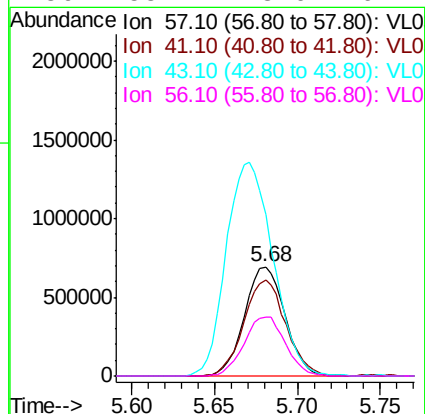
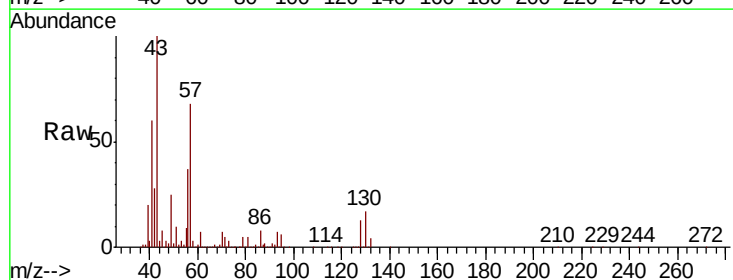
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.5	12.7
61	9.9	8.1	12.1
70	7.9	6.2	9.4

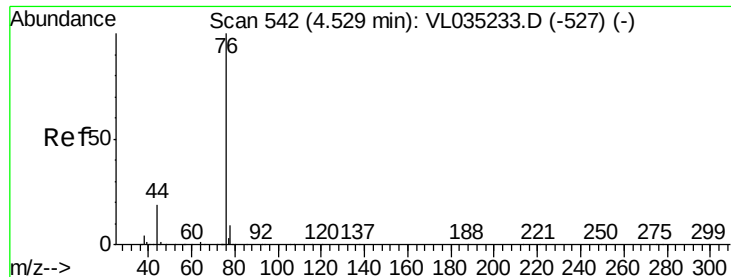


#26
Hexane
Concen: 9.561 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.00 min
Lab File: VL035262.D
Acq: 30 Jul 2020 1:31

Tgt Ion: 57 Resp: 1179076

Ion	Ratio	Lower	Upper
57	100		
41	91.7	73.9	110.9
43	226.4	177.6	266.4
56	55.2	43.0	64.4





#27

Carbon Disulfide

Concen: 9.664 ppbv

RT: 4.53 min Scan# 542

Delta R.T. 0.00 min

Lab File: VL035262.D

Acq: 30 Jul 2020 1:31

Instrument :

MSVOA_L

ClientSampleId :

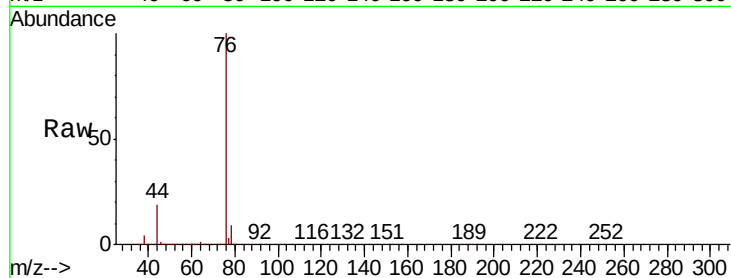
Tot Ion: 76 Resp: 1610092

Ion	Ratio	Lower	Upper
76	100		
44	18.8	14.7	22.1
78	9.3	7.6	11.4

76 100

44 18.8 14.7 22.1

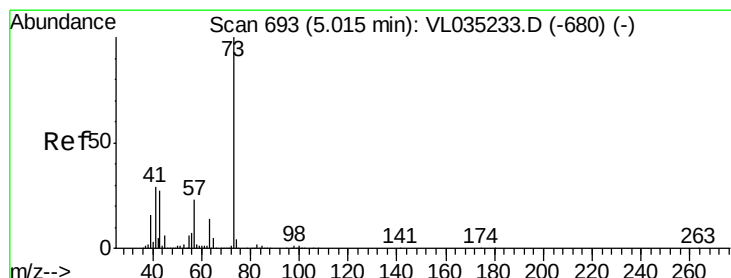
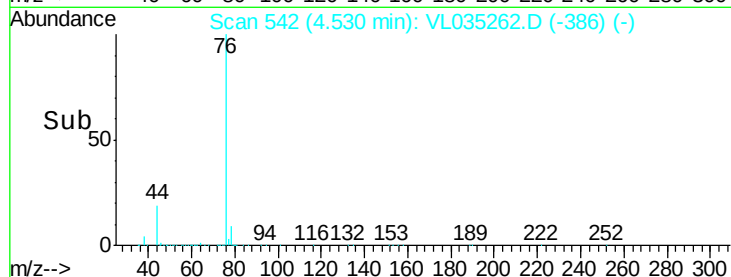
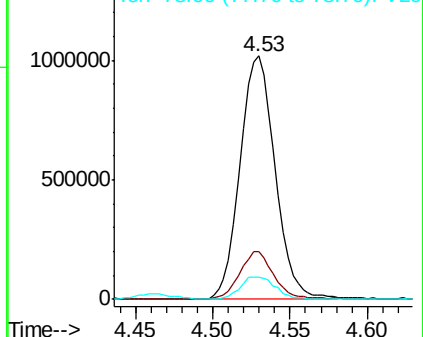
78 9.3 7.6 11.4



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: 10.272 ppbv

RT: 5.02 min Scan# 694

Delta R.T. 0.00 min

Lab File: VL035262.D

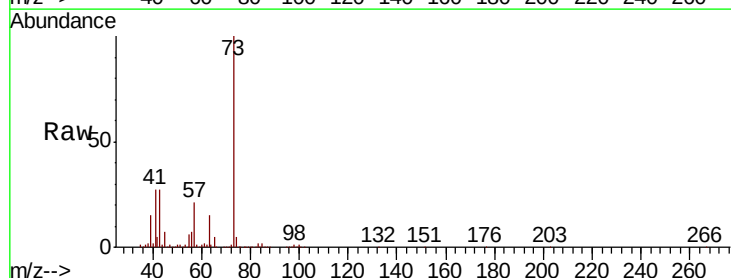
Acq: 30 Jul 2020 1:31

Tgt Ion: 73 Resp: 1810834

Ion	Ratio	Lower	Upper
73	100		
57	22.1	18.2	27.4

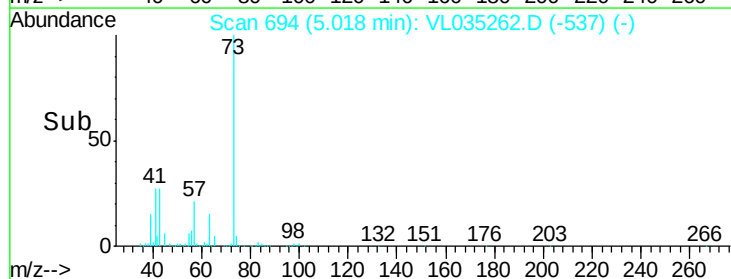
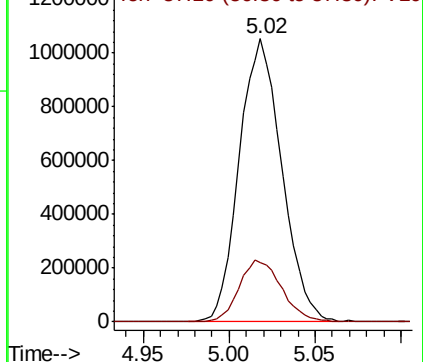
73 100

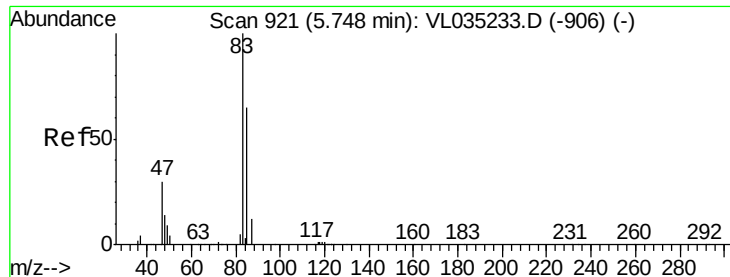
57 22.1 18.2 27.4



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

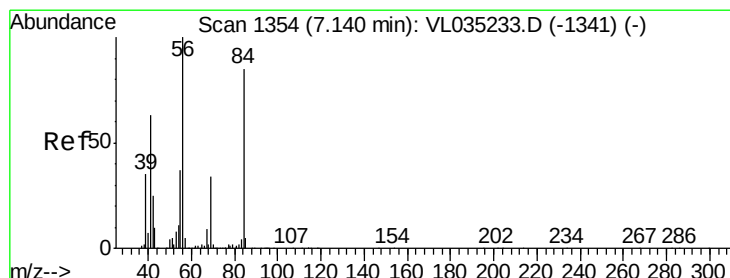
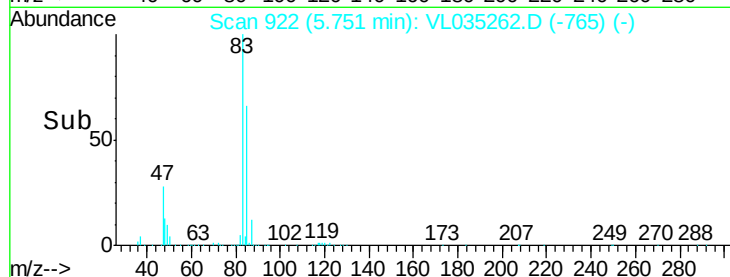
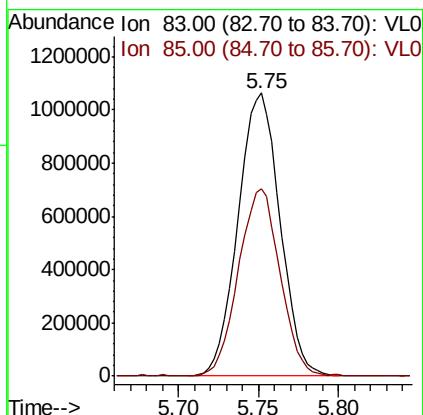
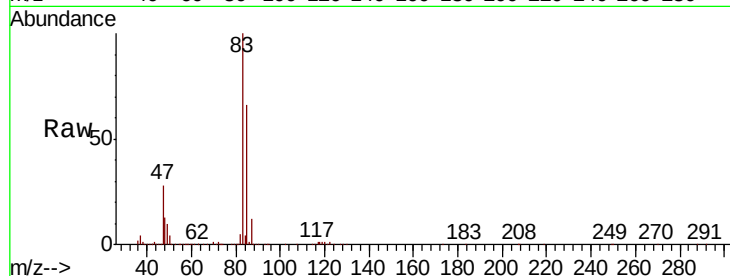




#29
Chloroform
Concen: 9.191 ppbv
RT: 5.75 min Scan# 922
Delta R.T. 0.00 min
Lab File: VL035262.D
Acq: 30 Jul 2020 1:31

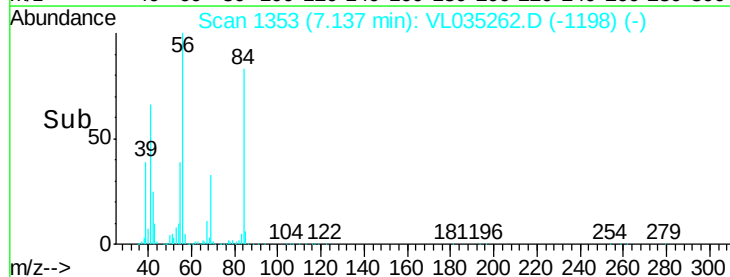
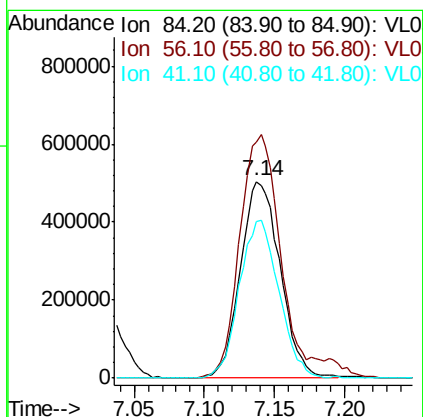
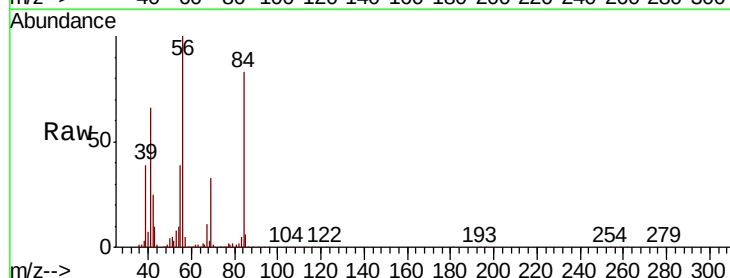
Instrument :
MSVOA_L
ClientSampled :

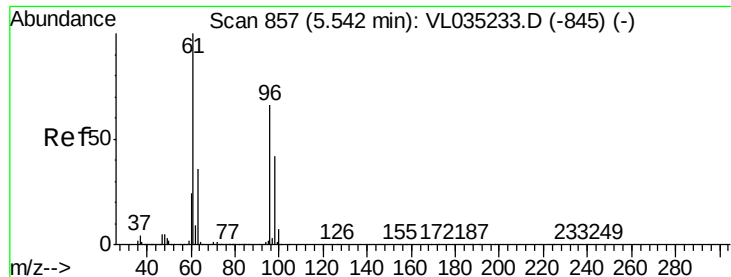
Tot Ion: 83 Resp: 1901002
Ion Ratio Lower Upper
83 100
85 65.9 51.7 77.5



#30
Cyclohexane
Concen: 11.259 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. -0.00 min
Lab File: VL035262.D
Acq: 30 Jul 2020 1:31

Tgt Ion: 84 Resp: 992489
Ion Ratio Lower Upper
84 100
56 132.6 104.2 156.2
41 80.2 63.7 95.5



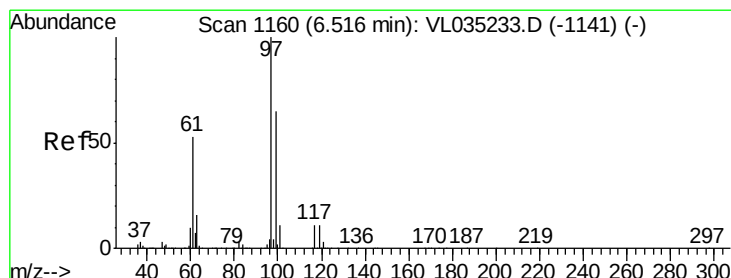
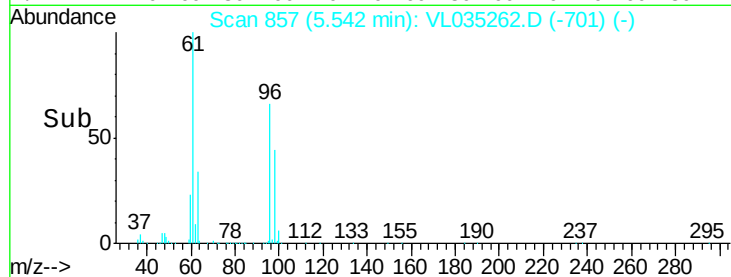
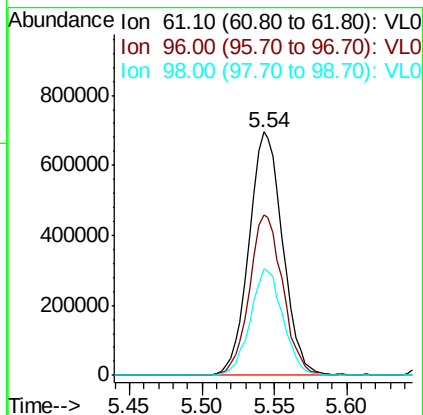
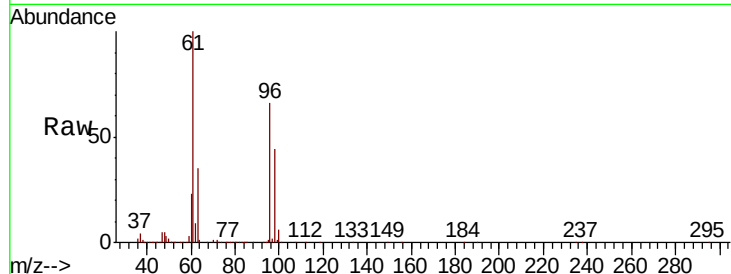


#31

cis-1,2-Dichloroethene
 Concen: 10.492 ppbv
 RT: 5.54 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: VL035262.D
 Acq: 30 Jul 2020 1:31

Instrument :
 MSVOA_L
 ClientSampleId :

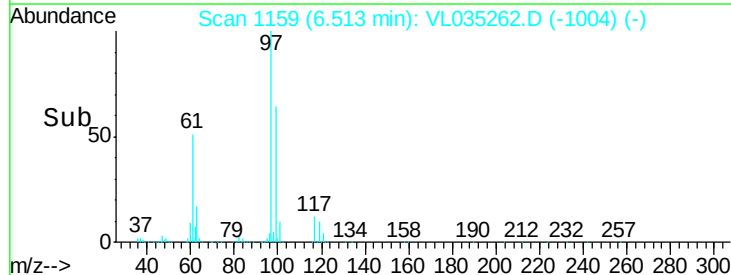
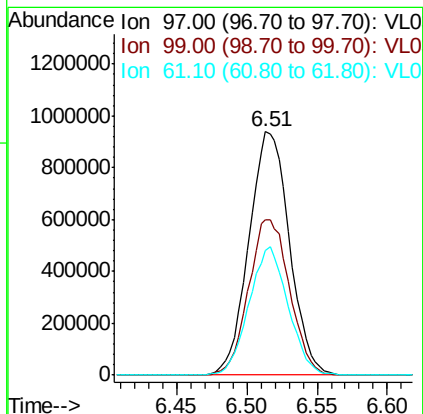
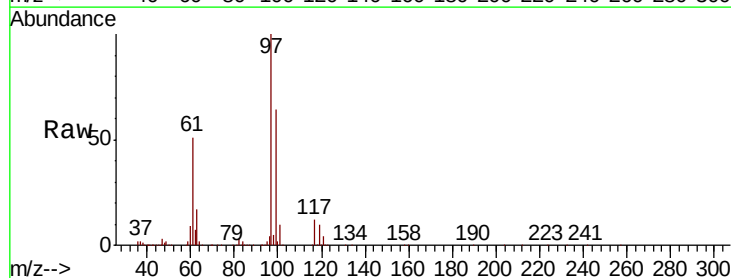
Tot Ion: 61 Resp: 1127872
 Ion Ratio Lower Upper
 61 100
 96 66.1 52.6 78.8
 98 43.8 33.7 50.5

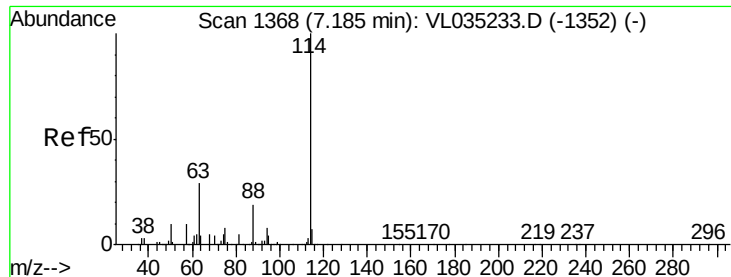


#32

1,1,1-Trichloroethane
 Concen: 8.909 ppbv
 RT: 6.51 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: VL035262.D
 Acq: 30 Jul 2020 1:31

Tgt Ion: 97 Resp: 1886123
 Ion Ratio Lower Upper
 97 100
 99 64.9 51.4 77.0
 61 51.0 40.4 60.6

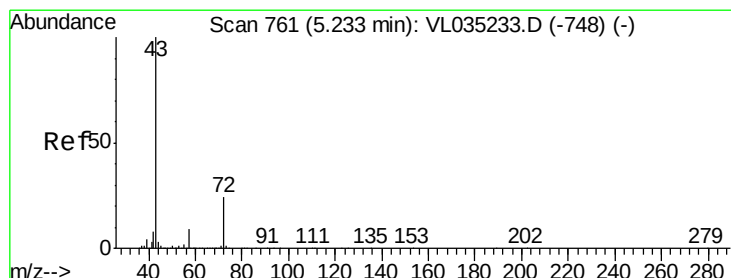
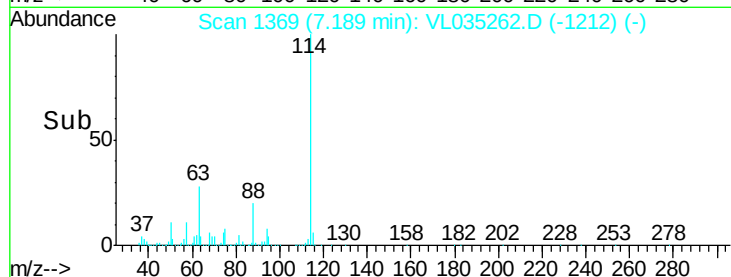
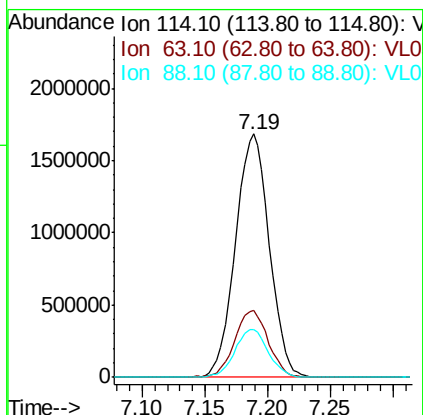
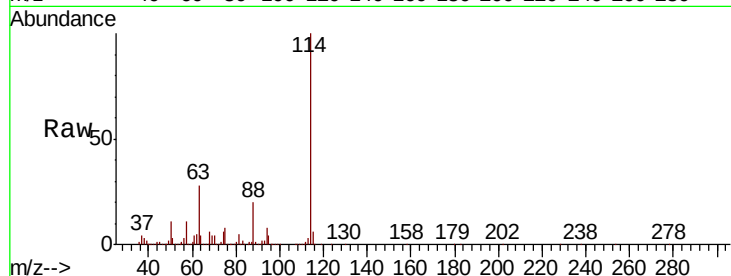




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VL035262.D
 Acq: 30 Jul 2020 1:31

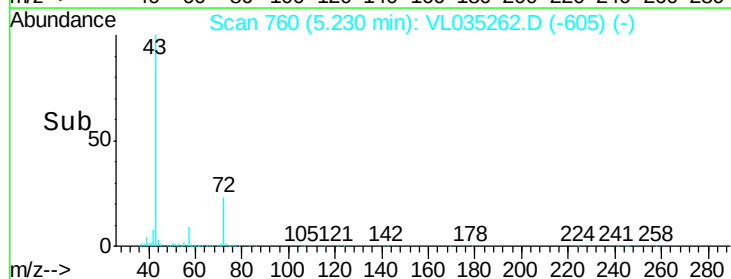
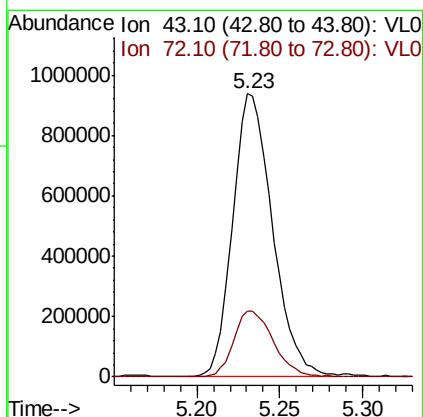
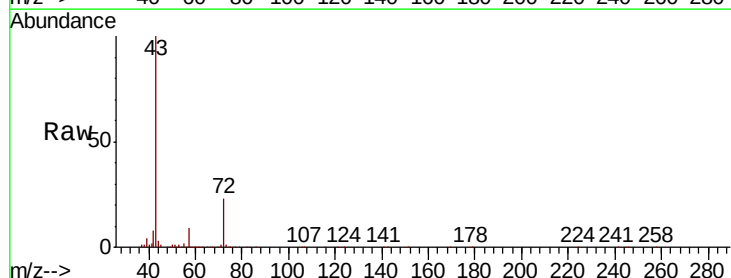
Instrument :
 MSVOA_L
 ClientSampleId :

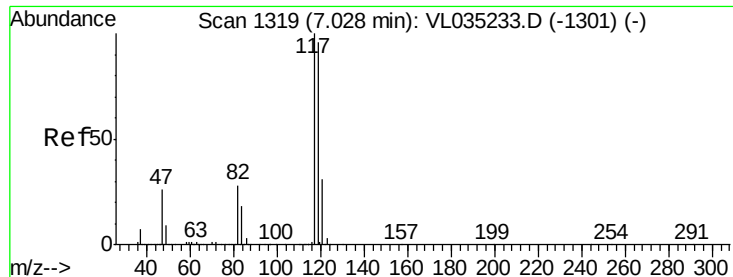
Tot Ion:114 Resp: 3158743
 Ion Ratio Lower Upper
 114 100
 63 27.8 22.2 33.2
 88 19.4 15.4 23.0



#34
 2-Butanone
 Concen: 9.723 ppbv
 RT: 5.23 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: VL035262.D
 Acq: 30 Jul 2020 1:31

Tgt Ion: 43 Resp: 1562654
 Ion Ratio Lower Upper
 43 100
 72 23.4 19.2 28.8

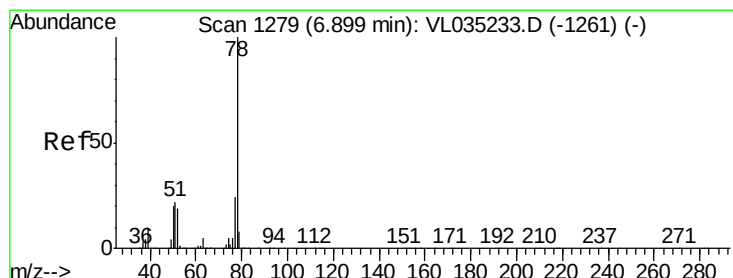
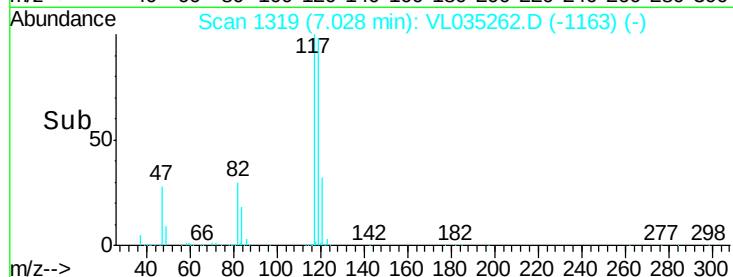
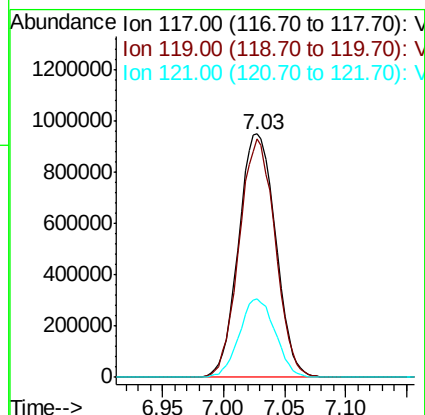
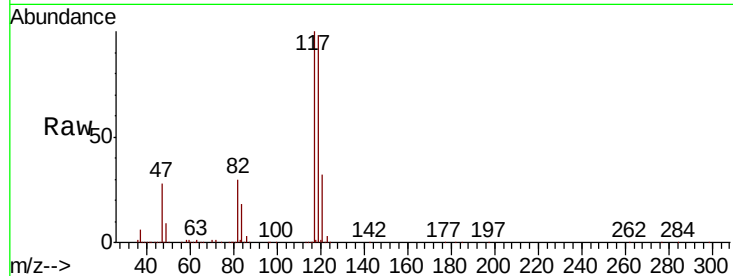




#35
Carbon Tetrachloride
Concen: 9.399 ppbv
RT: 7.03 min Scan# 1319
Delta R.T. 0.00 min
Lab File: VL035262.D
Acq: 30 Jul 2020 1:31

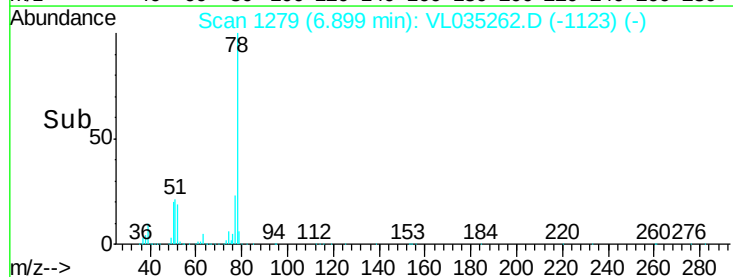
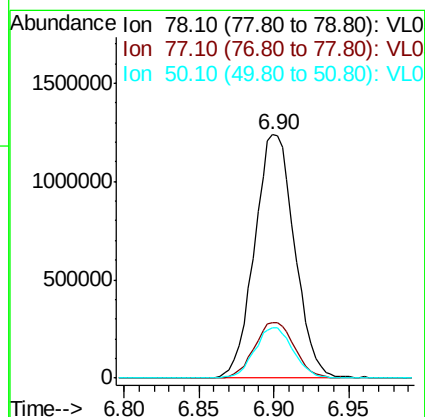
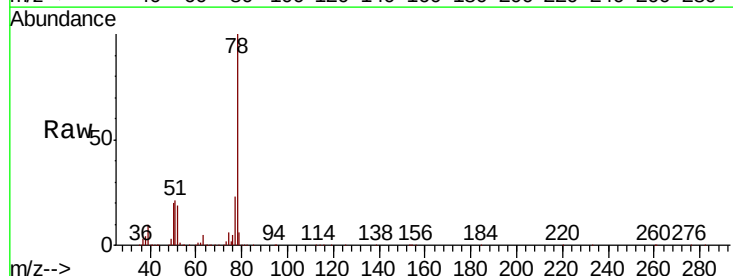
Instrument :
MSVOA_L
ClientSampleId :

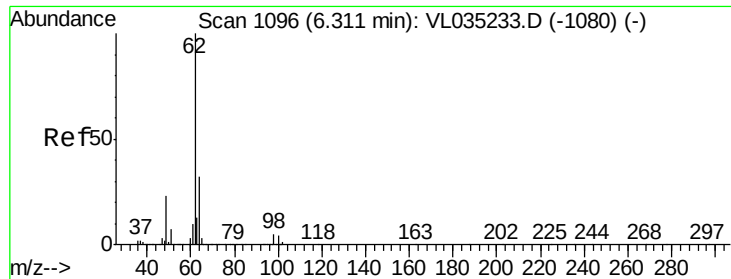
Tot Ion:117 Resp: 1987789
Ion Ratio Lower Upper
117 100
119 97.8 76.8 115.2
121 32.1 24.5 36.7



#36
Benzene
Concen: 10.464 ppbv
RT: 6.90 min Scan# 1279
Delta R.T. 0.00 min
Lab File: VL035262.D
Acq: 30 Jul 2020 1:31

Tgt Ion: 78 Resp: 2297204
Ion Ratio Lower Upper
78 100
77 23.0 18.9 28.3
50 20.4 16.1 24.1

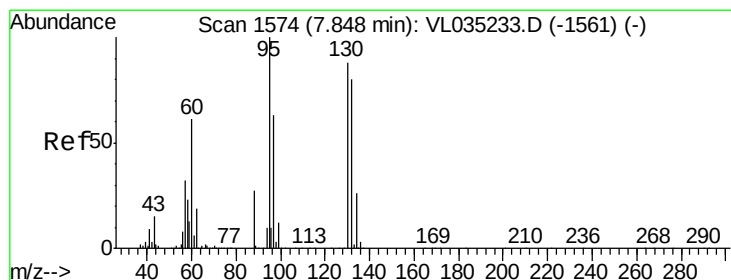
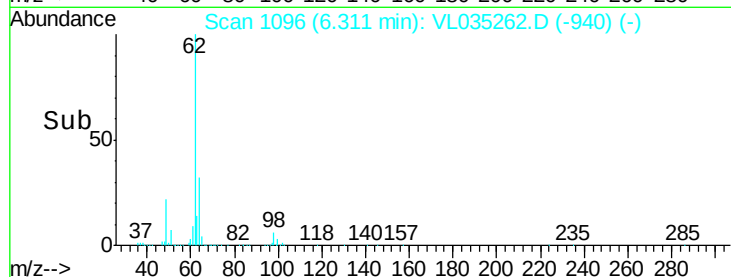
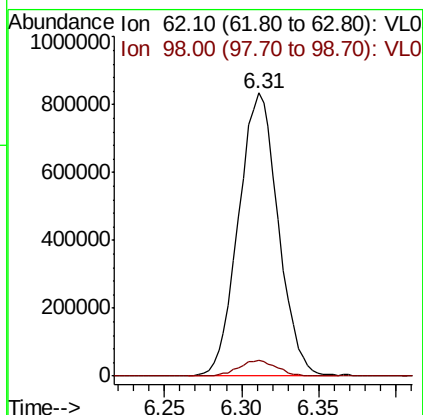
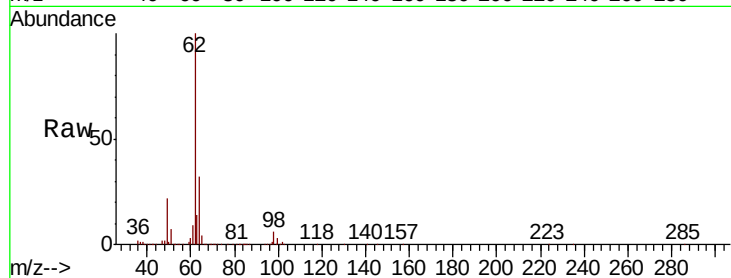




#37
 1,2-Dichloroethane
 Concen: 9.715 ppbv
 RT: 6.31 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: VL035262.D
 Acq: 30 Jul 2020 1:31

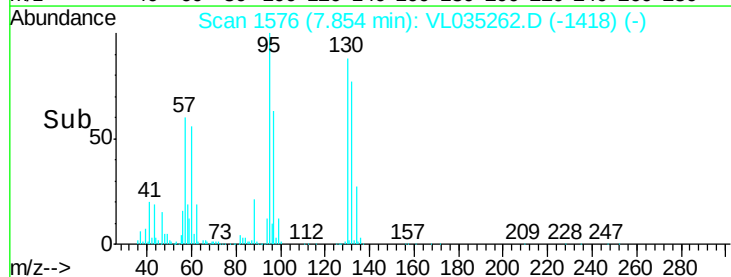
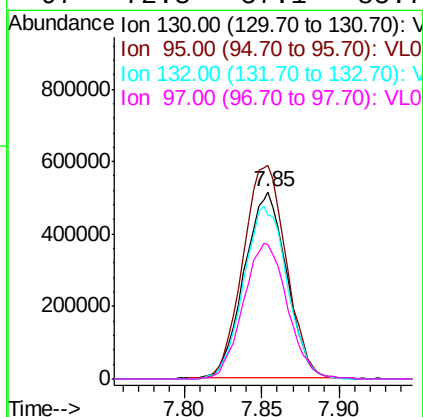
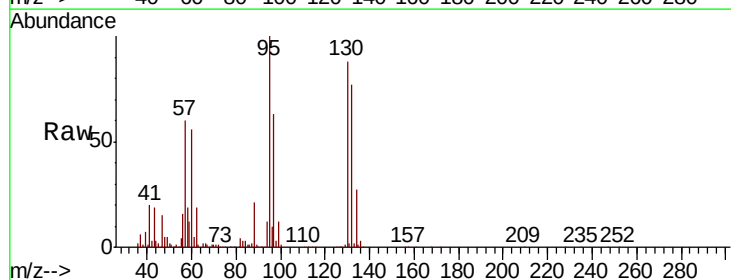
Instrument :
 MSVOA_L
 ClientSampleId :

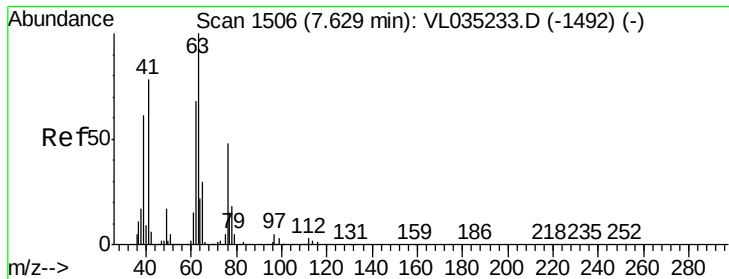
Tot Ion: 62 Resp: 1490800
 Ion Ratio Lower Upper
 62 100
 98 5.5 4.5 6.7



#38
 Trichloroethene
 Concen: 10.748 ppbv
 RT: 7.85 min Scan# 1576
 Delta R.T. 0.01 min
 Lab File: VL035262.D
 Acq: 30 Jul 2020 1:31

Tgt Ion:130 Resp: 977876
 Ion Ratio Lower Upper
 130 100
 95 114.6 90.7 136.1
 132 88.0 72.9 109.3
 97 72.3 57.1 85.7

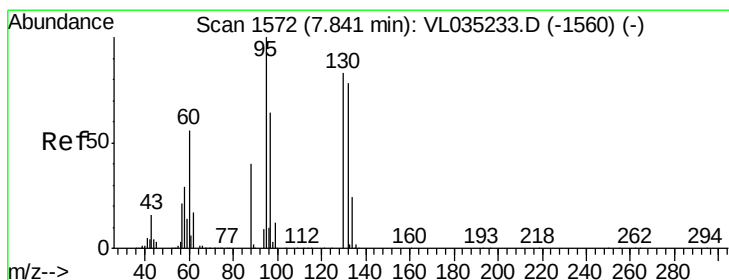
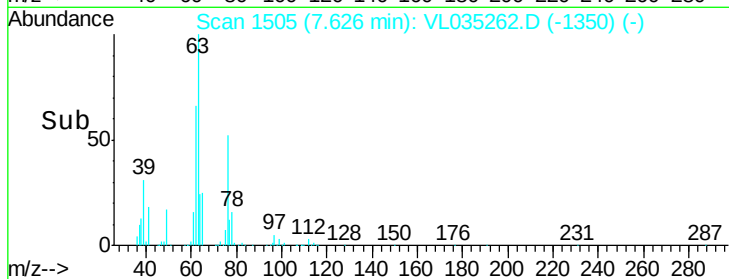
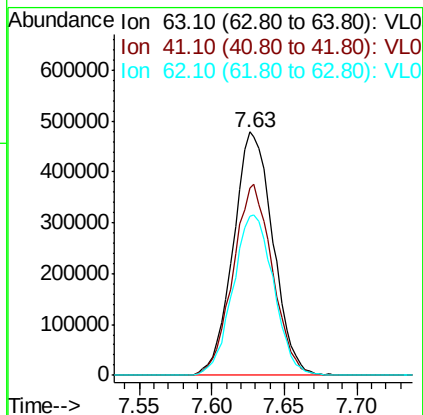
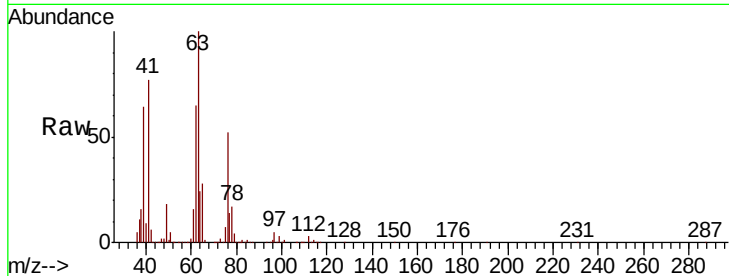




#39
 1,2-Dichloropropane
 Concen: 10.387 ppbv
 RT: 7.63 min Scan# 1505
 Delta R.T. -0.00 min
 Lab File: VL035262.D
 Acq: 30 Jul 2020 1:31

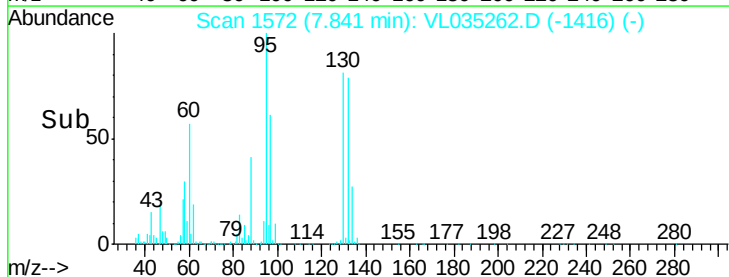
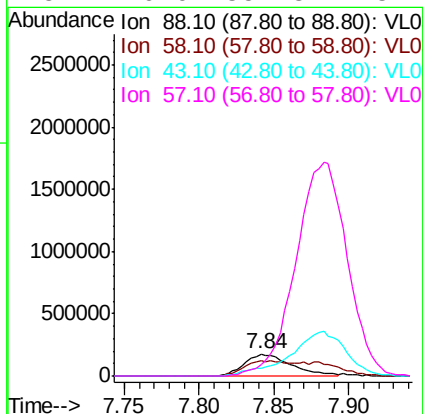
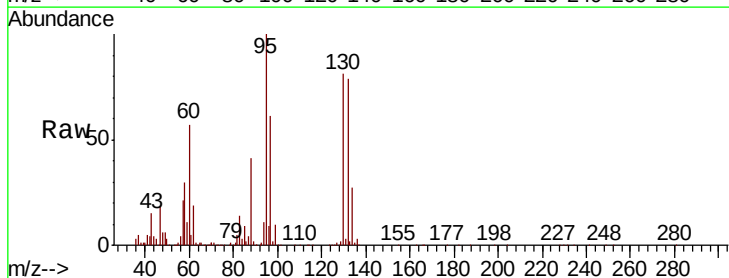
Instrument :
 MSVOA_L
 ClientSampleId :

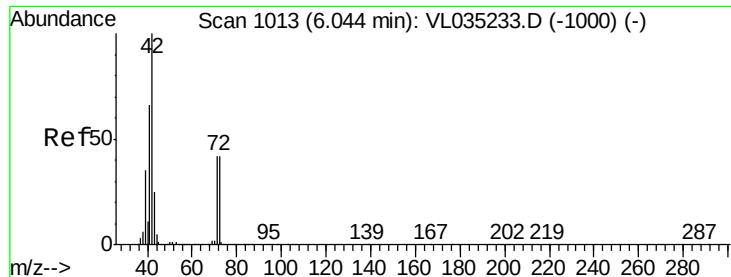
Tot Ion	Ratio	Lower	Upper
63	100		
41	77.0	62.2	93.4
62	65.5	54.2	81.2



#40
 1,4-Dioxane
 Concen: 11.061 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VL035262.D
 Acq: 30 Jul 2020 1:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	125.4	99.3	148.9
43	0.0	195.6	293.4#
57	0.0	854.3	1281.5#

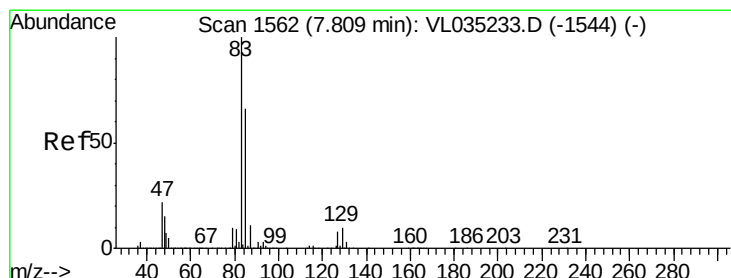
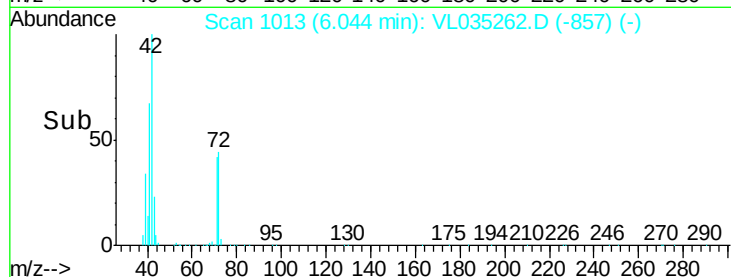
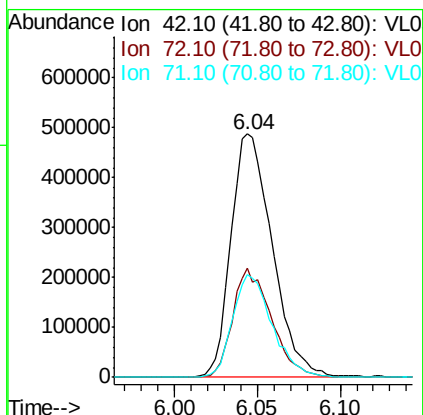
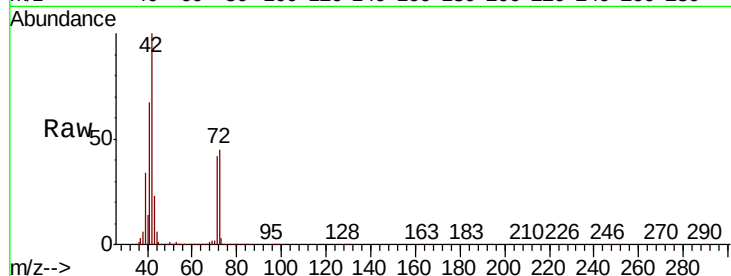




#41
Tetrahydrofuran
Concen: 10.740 ppbv
RT: 6.04 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VL035262.D
Acq: 30 Jul 2020 1:31

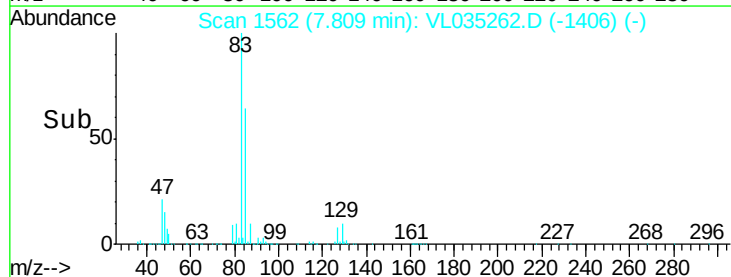
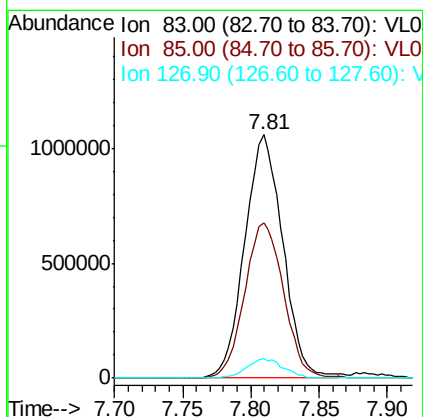
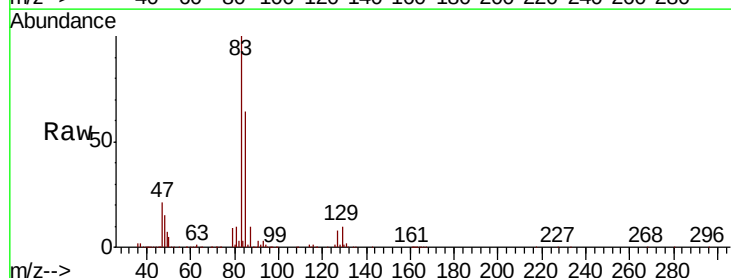
Instrument :
MSVOA_L
ClientSampleId :

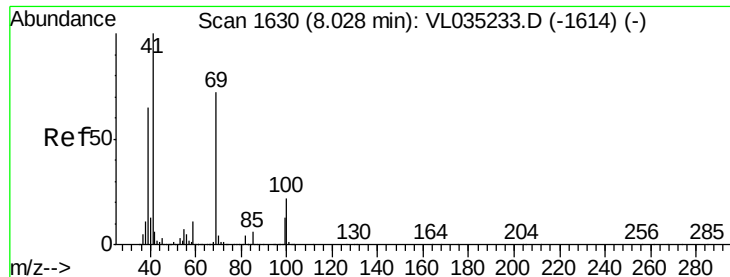
Tot Ion: 42 Resp: 846005
Ion Ratio Lower Upper
42 100
72 42.2 34.2 51.2
71 40.6 33.2 49.8



#42
Bromodichloromethane
Concen: 10.018 ppbv
RT: 7.81 min Scan# 1562
Delta R.T. 0.00 min
Lab File: VL035262.D
Acq: 30 Jul 2020 1:31

Tgt Ion: 83 Resp: 2051868
Ion Ratio Lower Upper
83 100
85 63.7 52.9 79.3
127 8.0 6.5 9.7

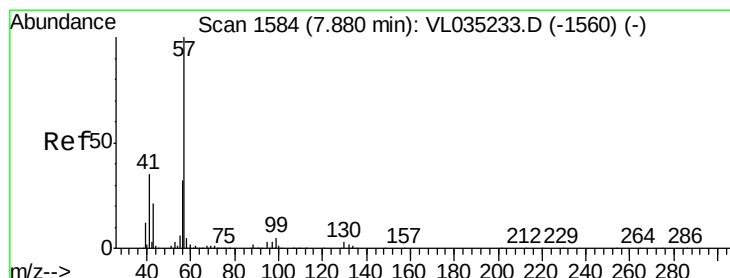
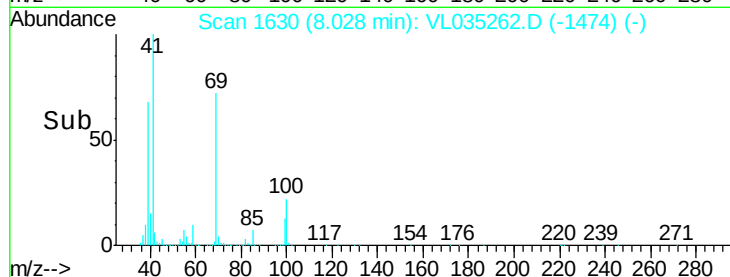
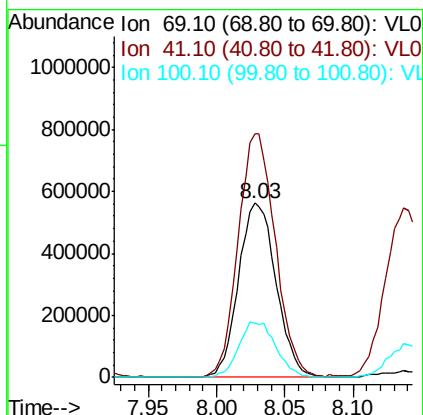
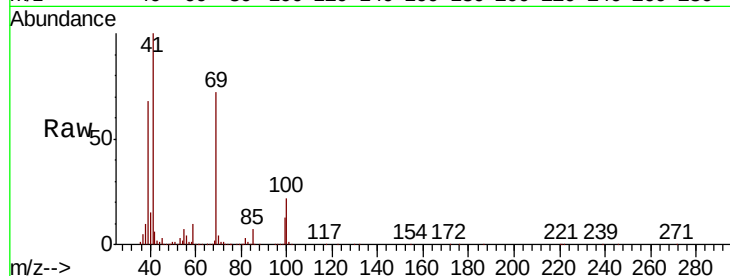




#43
Methyl Methacrylate
Concen: 11.327 ppbv
RT: 8.03 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VL035262.D
Acq: 30 Jul 2020 1:31

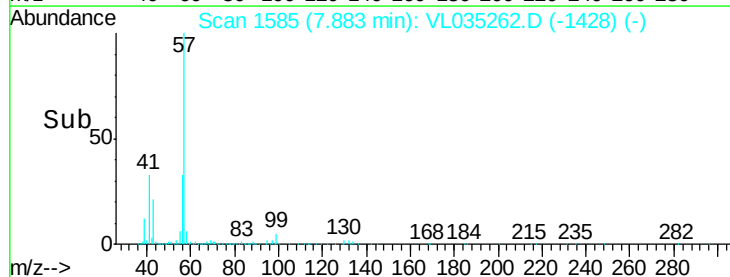
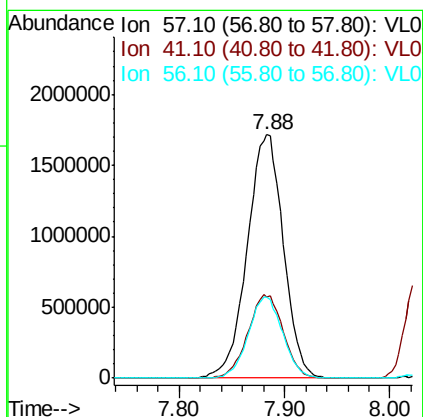
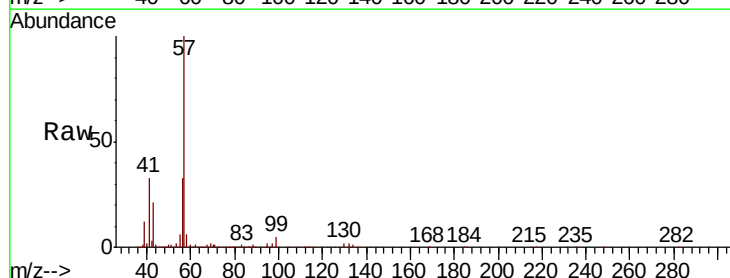
Instrument :
MSVOA_L
ClientSampleId :

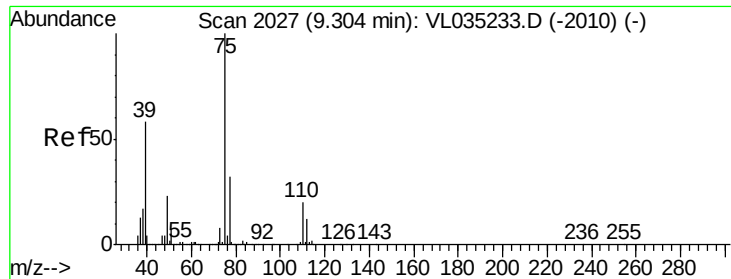
Tot Ion: 69 Resp: 1077331
Ion Ratio Lower Upper
69 100
41 138.2 113.0 169.4
100 31.4 25.3 37.9



#44
2,2,4-Trimethylpentane
Concen: 10.574 ppbv
RT: 7.88 min Scan# 1585
Delta R.T. 0.00 min
Lab File: VL035262.D
Acq: 30 Jul 2020 1:31

Tgt Ion: 57 Resp: 4089945
Ion Ratio Lower Upper
57 100
41 33.8 27.0 40.4
56 31.8 25.6 38.4





#45

t-1,3-Dichloropropene

Concen: 12.203 ppbv

RT: 9.30 min Scan# 2027

Delta R.T. 0.00 min

Lab File: VL035262.D

Acq: 30 Jul 2020 1:31

Instrument :

MSVOA_L

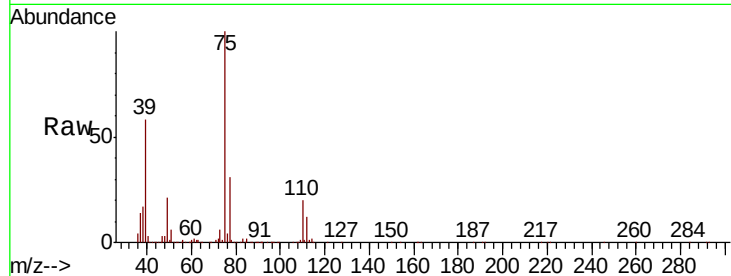
ClientSampleId :

Tot Ion: 75 Resp: 1169484

Ion Ratio Lower Upper

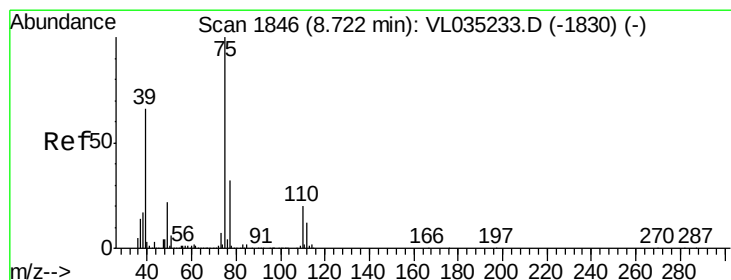
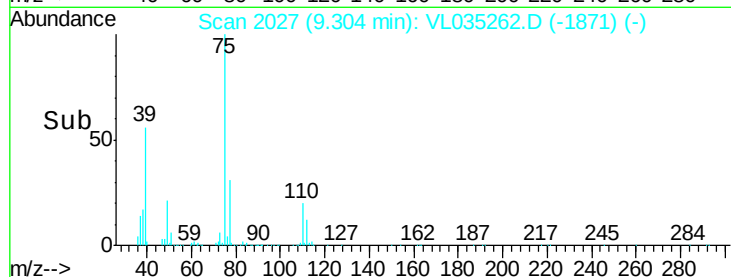
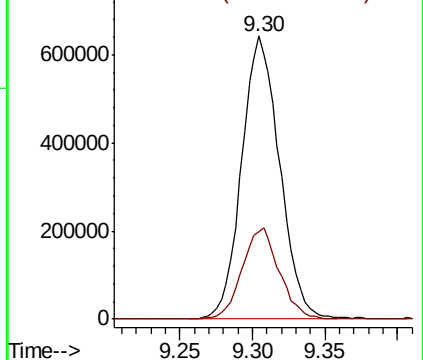
75 100

77 31.0 25.6 38.4



Abundance Ion 75.10 (74.80 to 75.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#46

cis-1,3-Dichloropropene

Concen: 11.801 ppbv

RT: 8.73 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VL035262.D

Acq: 30 Jul 2020 1:31

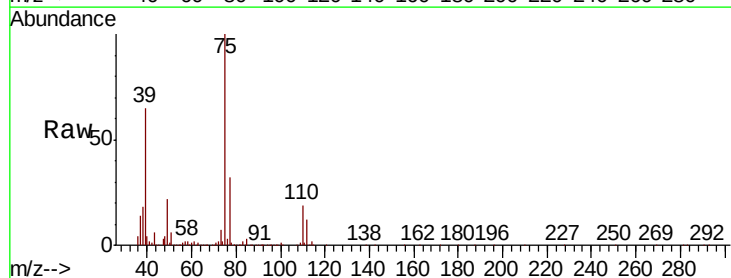
Tgt Ion: 75 Resp: 1377836

Ion Ratio Lower Upper

75 100

39 64.9 53.0 79.4

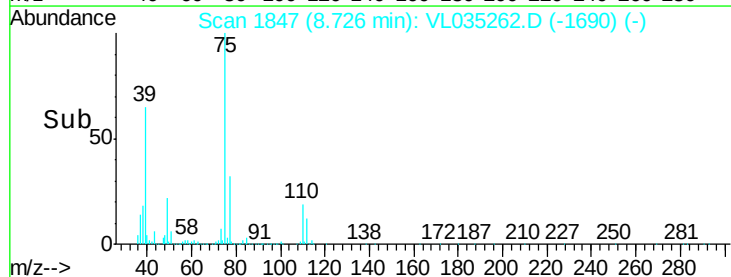
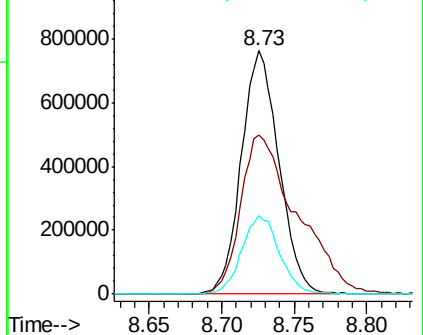
77 32.5 25.8 38.8

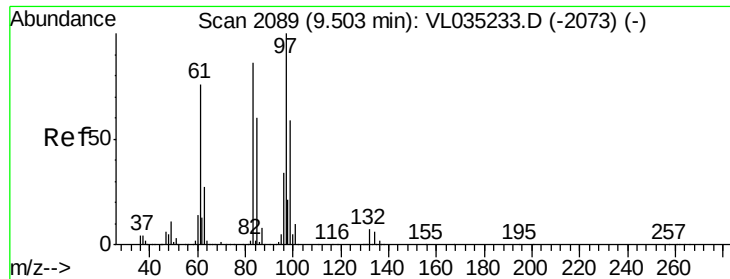


Abundance Ion 75.00 (74.70 to 75.70): VL0

Ion 39.00 (38.70 to 39.70): VL0

Ion 77.00 (76.70 to 77.70): VL0



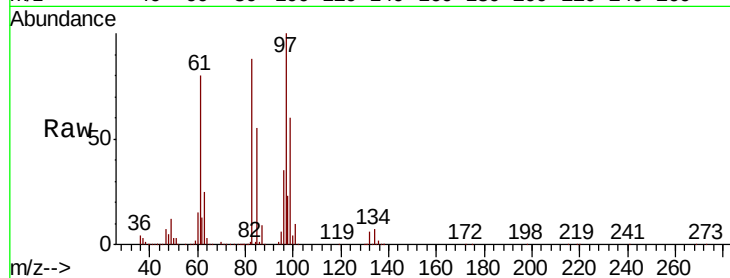


#47
 1,1,2-Trichloroethane
 Concen: 9.914 ppbv
 RT: 9.50 min Scan# 2089
 Delta R.T. 0.00 min
 Lab File: VL035262.D
 Acq: 30 Jul 2020 1:31

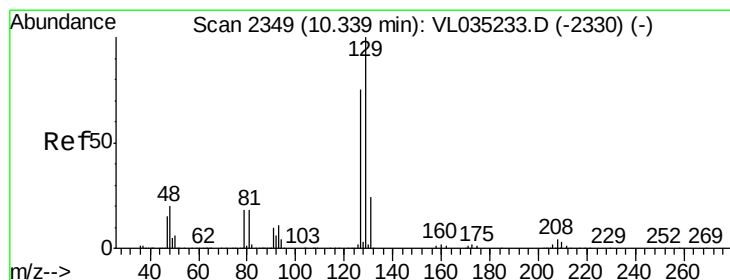
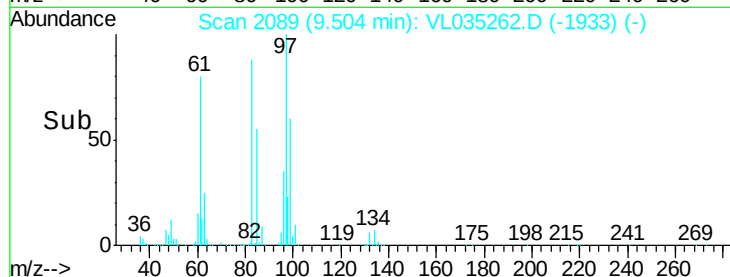
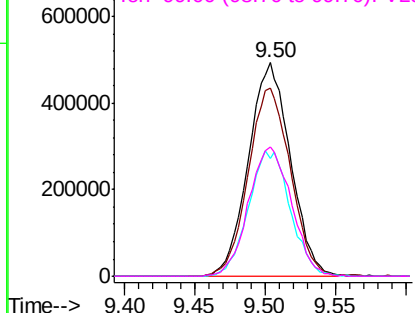
Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 97 Resp: 1025757

Ion	Ratio	Lower	Upper
97	100		
83	87.9	69.0	103.4
85	55.1	47.8	71.8
99	60.4	47.6	71.4



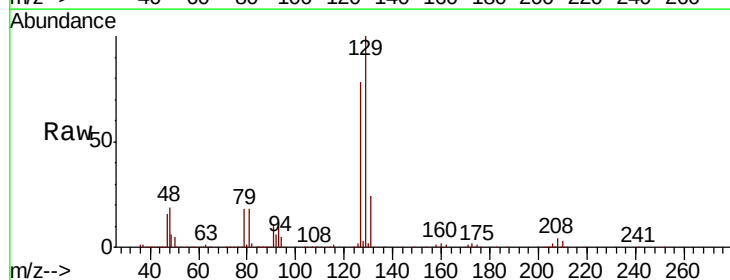
Abundance Ion 97.00 (96.70 to 97.70): VL0
 Ion 83.00 (82.70 to 83.70): VL0
 Ion 85.00 (84.70 to 85.70): VL0
 Ion 99.00 (98.70 to 99.70): VL0



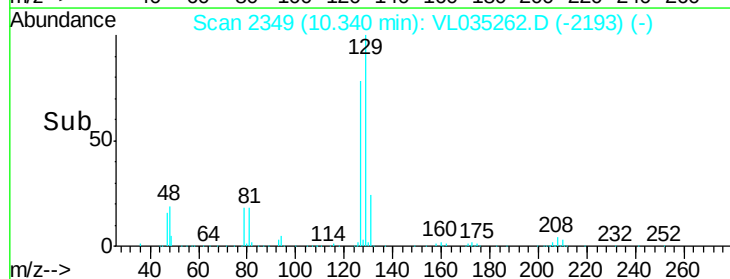
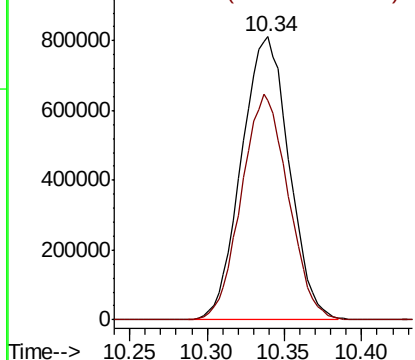
#48
 Dibromochloromethane
 Concen: 10.616 ppbv
 RT: 10.34 min Scan# 2349
 Delta R.T. 0.00 min
 Lab File: VL035262.D
 Acq: 30 Jul 2020 1:31

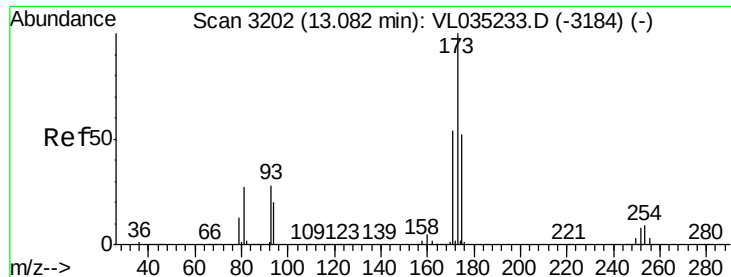
Tgt Ion: 129 Resp: 1729820

Ion	Ratio	Lower	Upper
129	100		
127	79.0	39.6	119.0



Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 10.792 ppbv

RT: 13.09 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VL035262.D

Acq: 30 Jul 2020 1:31

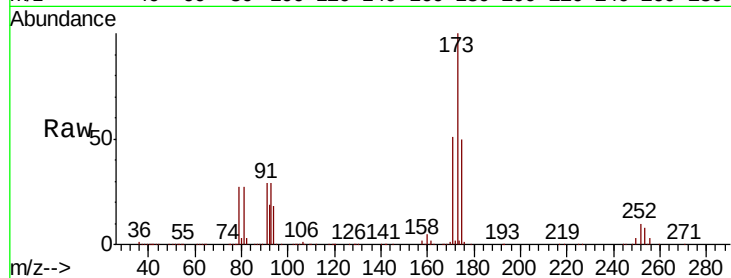
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:173 Resp: 1580965

Ion	Ratio	Lower	Upper
173	100		
175	49.2	40.0	60.0
171	51.6	41.8	62.8

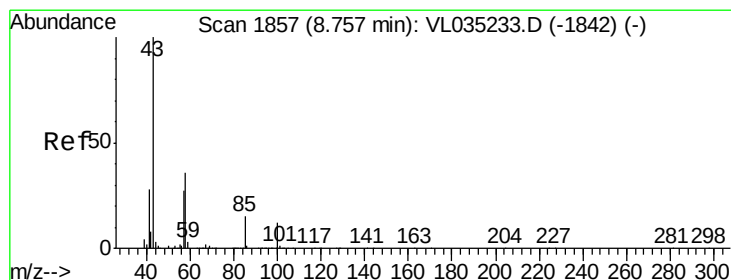
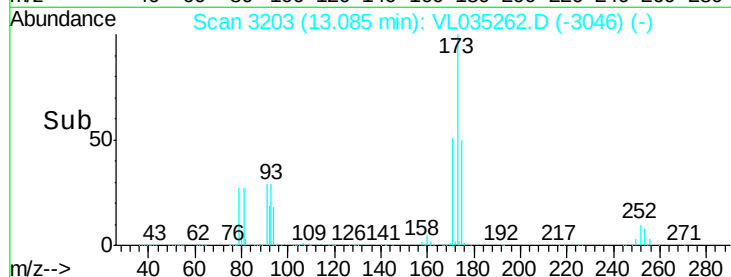
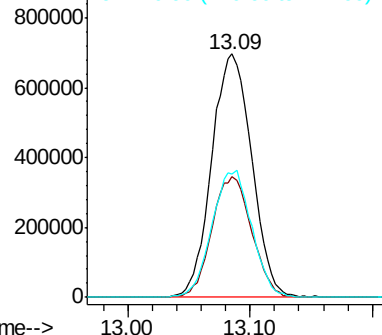


Abundance

Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 10.742 ppbv

RT: 8.76 min Scan# 1857

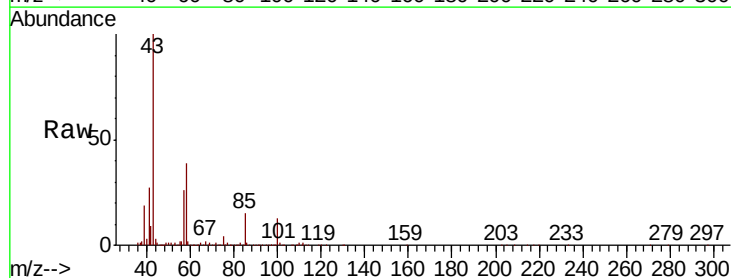
Delta R.T. 0.00 min

Lab File: VL035262.D

Acq: 30 Jul 2020 1:31

Tgt Ion: 43 Resp: 2501975

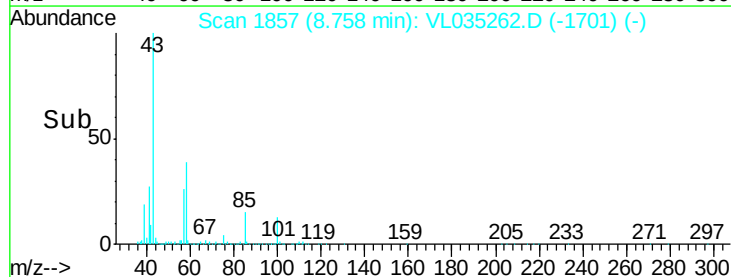
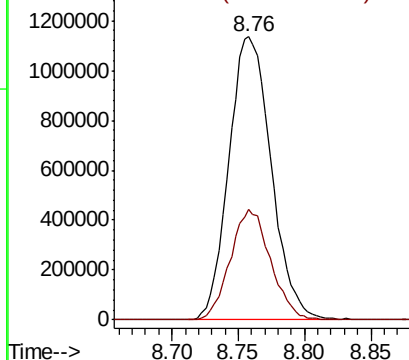
Ion	Ratio	Lower	Upper
43	100		
58	37.4	30.0	45.0

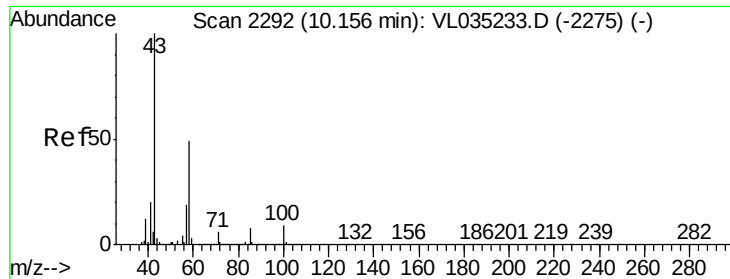


Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

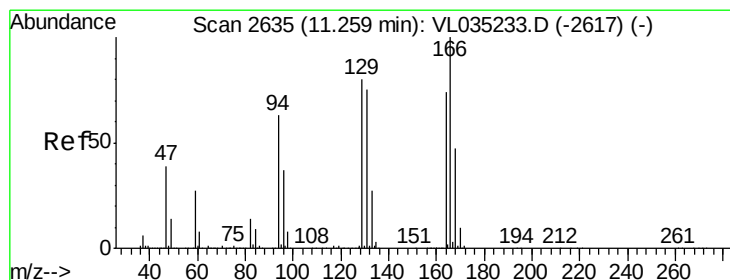
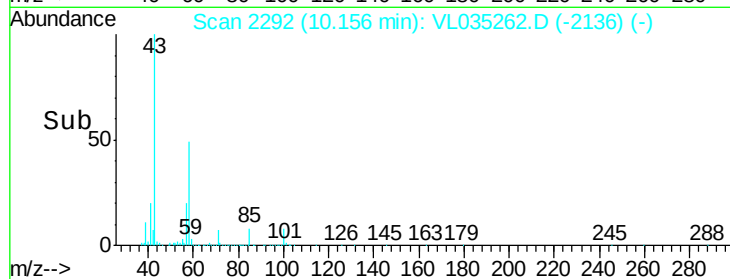
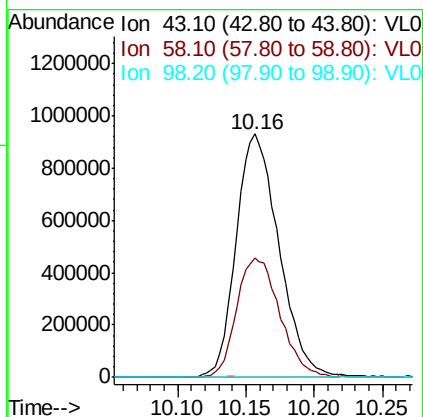
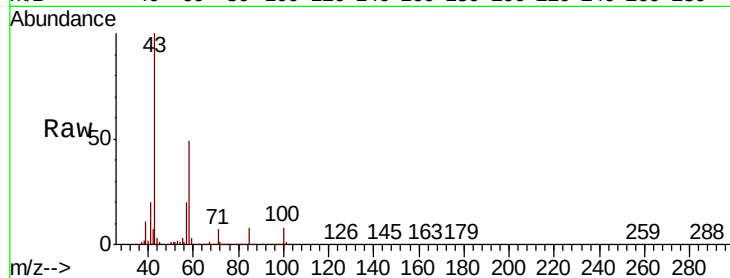




#51
2-Hexanone
Concen: 11.459 ppbv
RT: 10.16 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VL035262.D
Acq: 30 Jul 2020 1:31

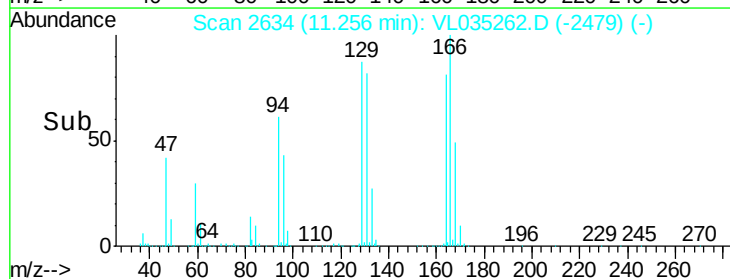
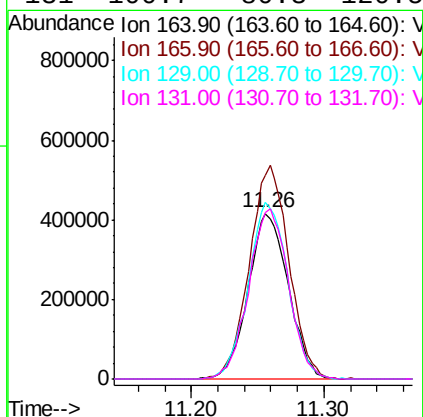
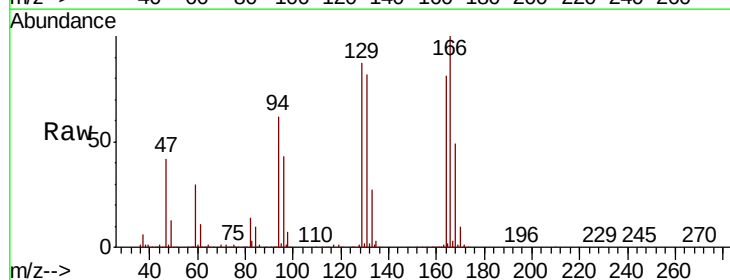
Instrument :
MSVOA_L
ClientSampleId :

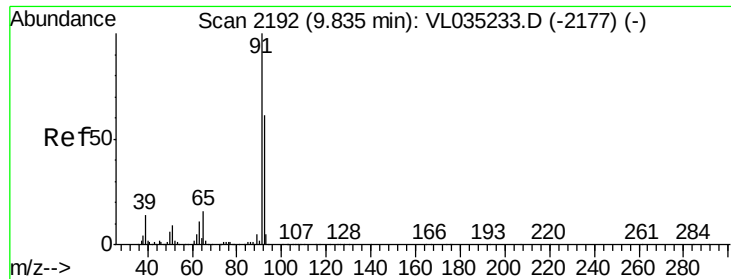
Tot Ion: 43 Resp: 2024030
Ion Ratio Lower Upper
43 100
58 49.8 38.8 58.2
98 0.6 0.6 0.8



#52
Tetrachloroethene
Concen: 10.513 ppbv
RT: 11.26 min Scan# 2634
Delta R.T. -0.00 min
Lab File: VL035262.D
Acq: 30 Jul 2020 1:31

Tgt Ion:164 Resp: 880574
Ion Ratio Lower Upper
164 100
166 123.0 107.5 161.3
129 107.0 86.0 129.0
131 100.7 80.3 120.5





#53

Toluene

Concen: 11.700 ppbv

RT: 9.83 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VL035262.D

Acq: 30 Jul 2020 1:31

Instrument :

MSVOA_L

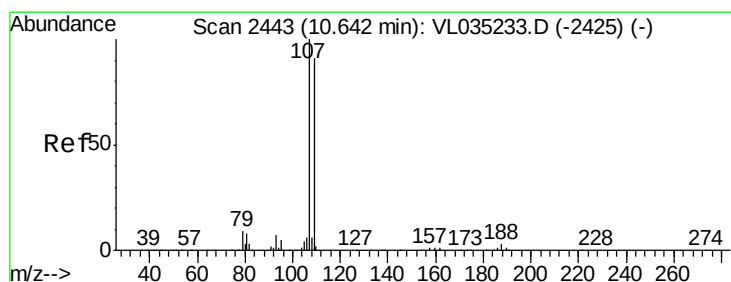
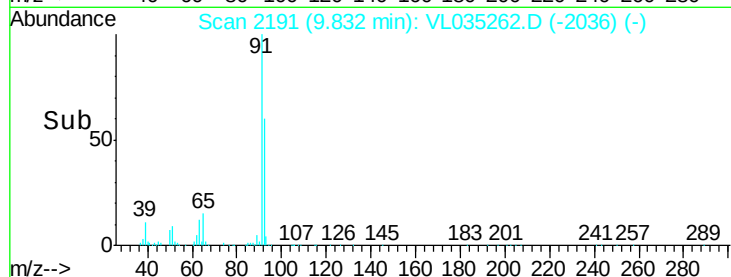
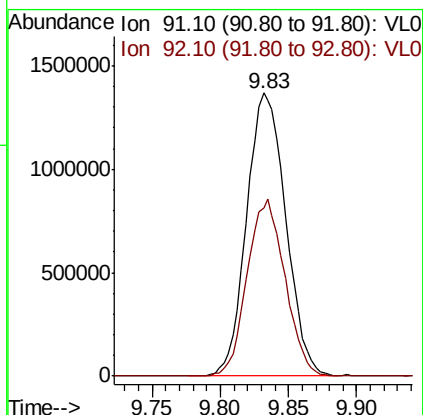
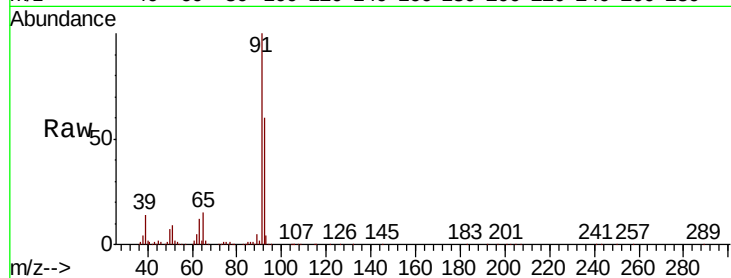
ClientSampleId :

Tot Ion: 91 Resp: 2729637

Ion Ratio Lower Upper

91 100

92 60.4 48.5 72.7



#54

1,2-Dibromoethane

Concen: 10.334 ppbv

RT: 10.65 min Scan# 2444

Delta R.T. 0.00 min

Lab File: VL035262.D

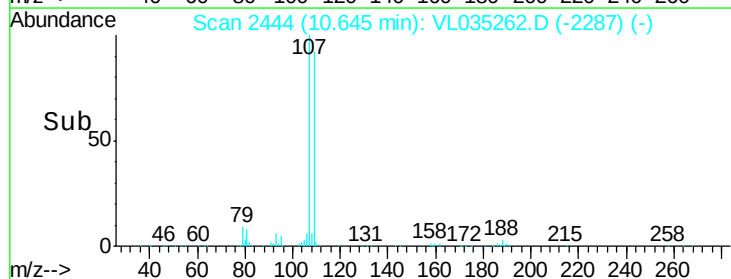
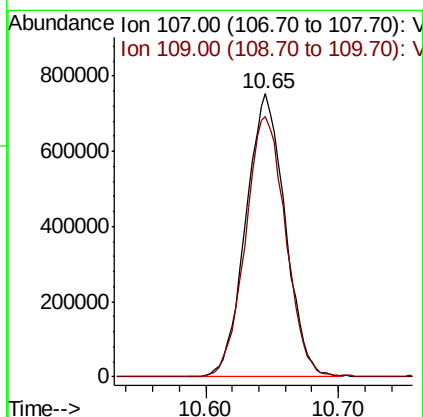
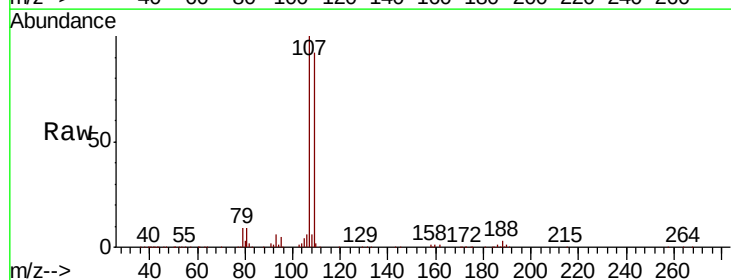
Acq: 30 Jul 2020 1:31

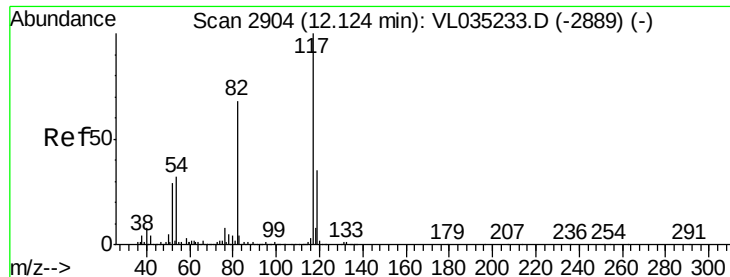
Tgt Ion: 107 Resp: 1545995

Ion Ratio Lower Upper

107 100

109 92.0 73.0 109.6

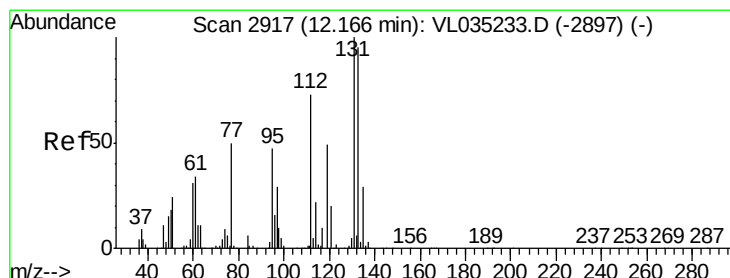
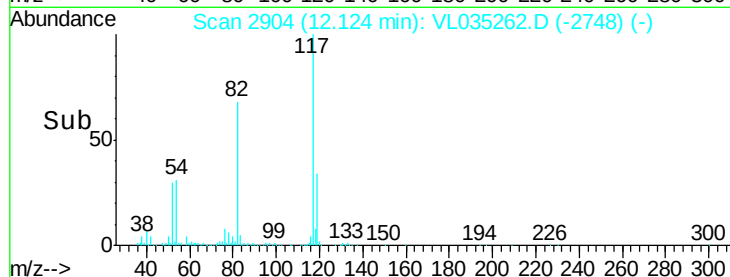
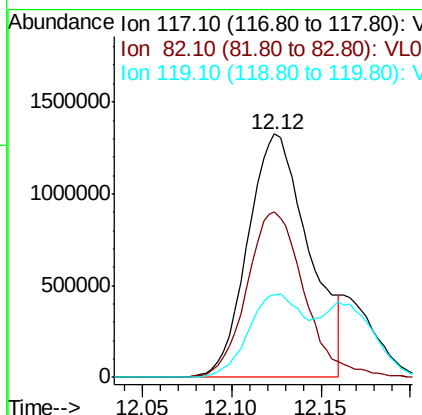
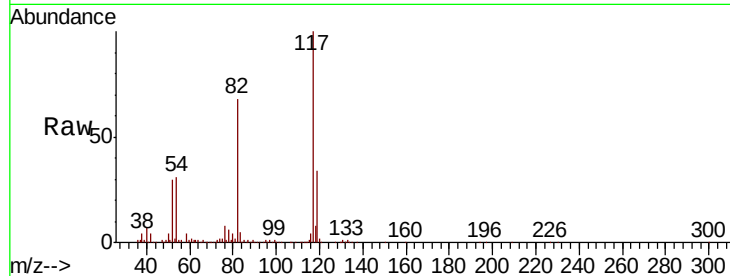




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. 0.00 min
Lab File: VL035262.D
Acq: 30 Jul 2020 1:31

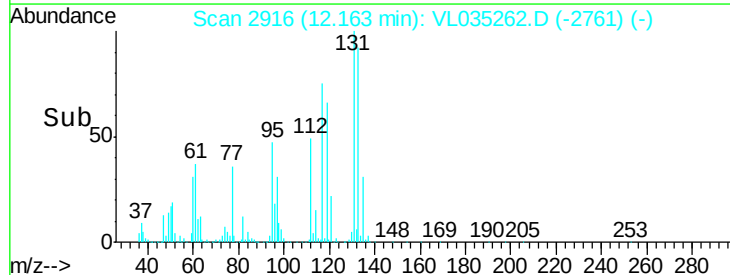
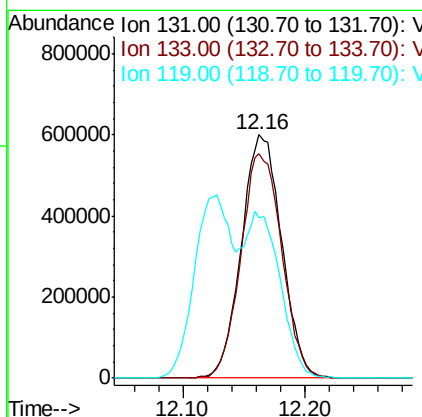
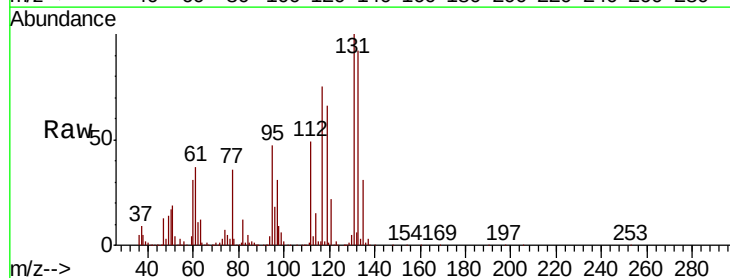
Instrument :
MSVOA_L
ClientSampleId :

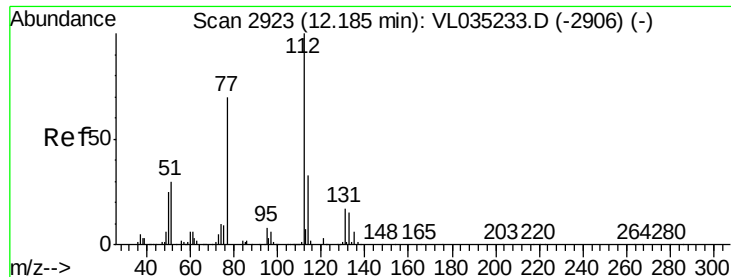
Tot Ion:117 Resp: 3157226
Ion Ratio Lower Upper
117 100
82 64.4 52.4 78.6
119 34.1 24.6 36.8



#56
1,1,1,2-Tetrachloroethane
Concen: 9.389 ppbv
RT: 12.16 min Scan# 2916
Delta R.T. -0.00 min
Lab File: VL035262.D
Acq: 30 Jul 2020 1:31

Tgt Ion:131 Resp: 1362923
Ion Ratio Lower Upper
131 100
133 94.1 76.1 114.1
119 54.9 44.3 66.5





#57

Chlorobenzene

Concen: 9.438 ppbv

RT: 12.18 min Scan# 2922

Delta R.T. -0.00 min

Lab File: VL035262.D

Acq: 30 Jul 2020 1:31

Instrument :

MSVOA_L

ClientSampleId :

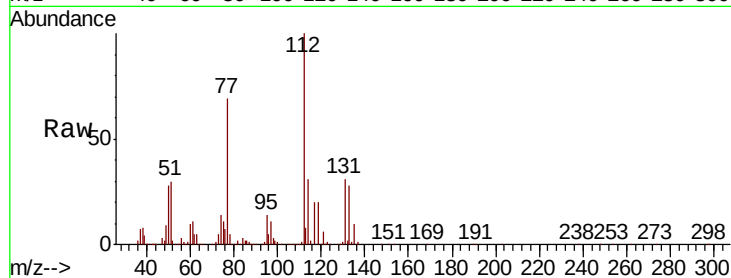
Tot Ion:112 Resp: 2241974

Ion Ratio Lower Upper

112 100

77 68.6 57.3 85.9

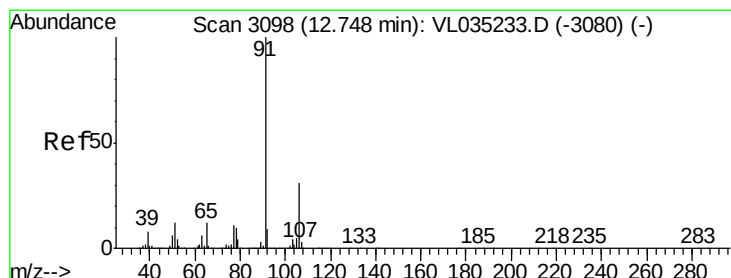
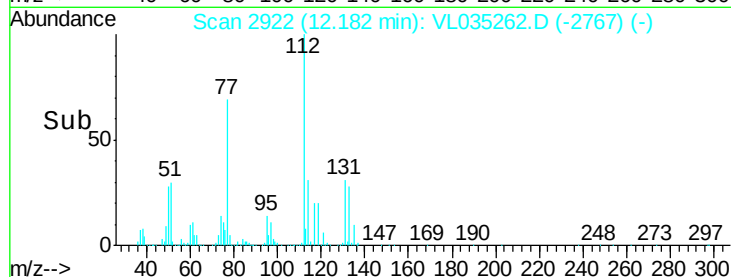
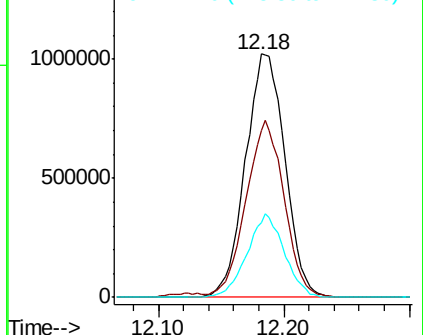
114 30.5 29.3 35.8



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: 11.315 ppbv

RT: 12.75 min Scan# 3098

Delta R.T. 0.00 min

Lab File: VL035262.D

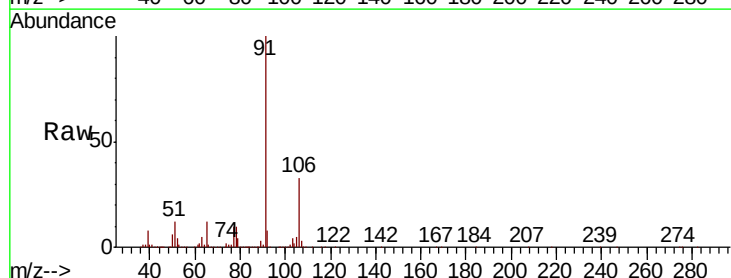
Acq: 30 Jul 2020 1:31

Tgt Ion: 91 Resp: 3783389

Ion Ratio Lower Upper

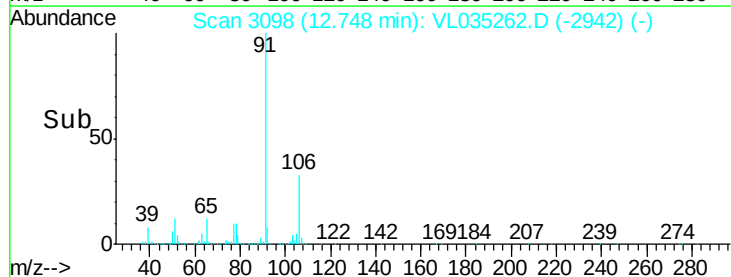
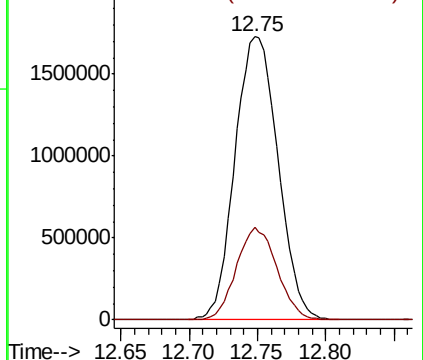
91 100

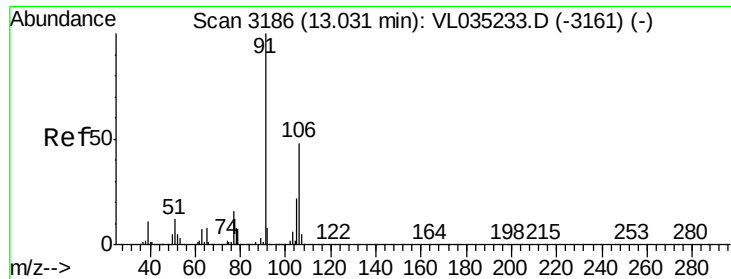
106 32.6 25.0 37.6



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

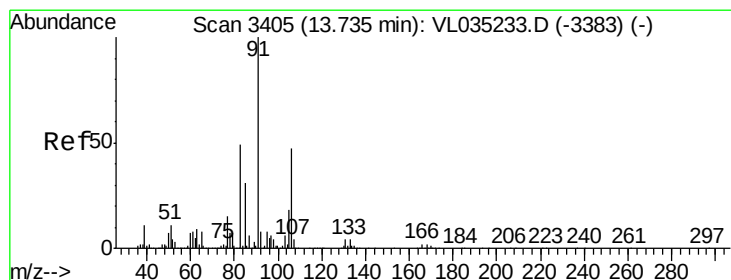
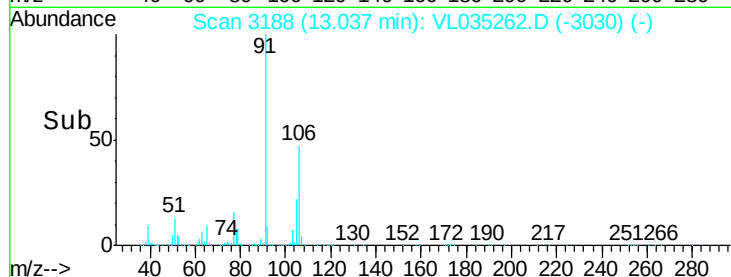
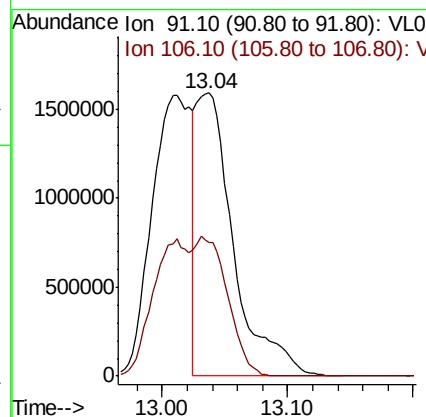
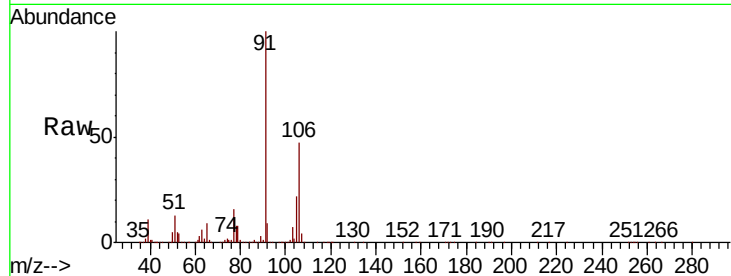




#59
m/p-Xylene
Concen: 10.533 ppbv
RT: 13.04 min Scan# 3188
Delta R.T. 0.01 min
Lab File: VL035262.D
Acq: 30 Jul 2020 1:31

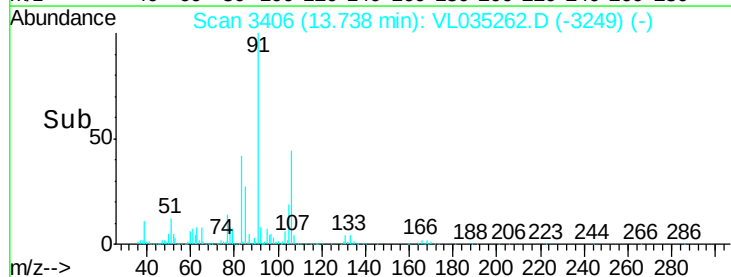
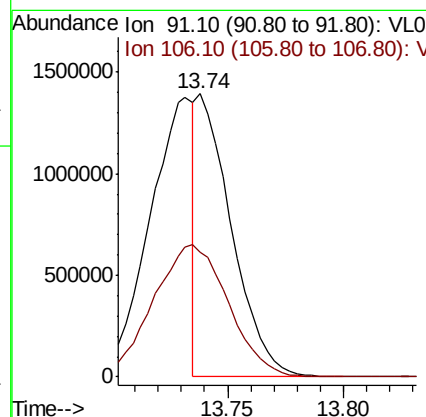
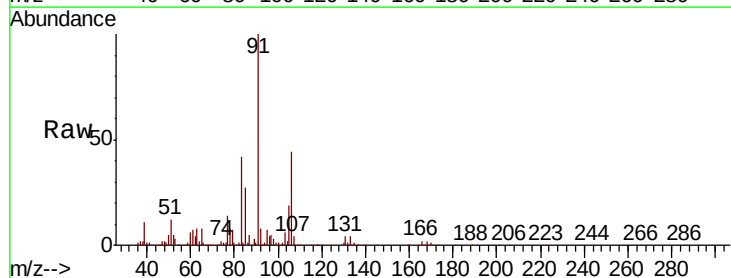
Instrument :
MSVOA_L
ClientSampleId :

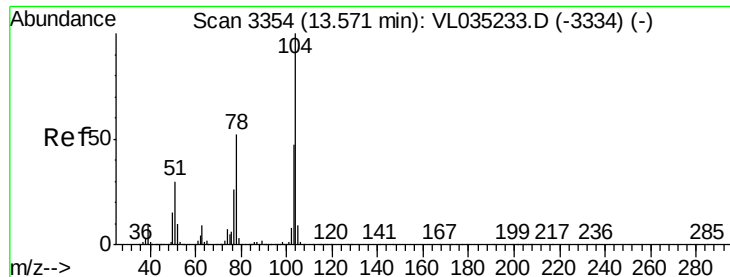
Tot Ion: 91 Resp: 3278928
Ion Ratio Lower Upper
91 100
106 91.6 37.2 55.8#



#60
o-Xylene
Concen: 4.590 ppbv
RT: 13.74 min Scan# 3406
Delta R.T. 0.00 min
Lab File: VL035262.D
Acq: 30 Jul 2020 1:31

Tgt Ion: 91 Resp: 1425541
Ion Ratio Lower Upper
91 100
106 102.7 22.4 67.0#





#61

Stvrene

Concen: 12.055 ppbv

RT: 13.57 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VL035262.D

Acq: 30 Jul 2020 1:31

Instrument :

MSVOA_L

ClientSampled :

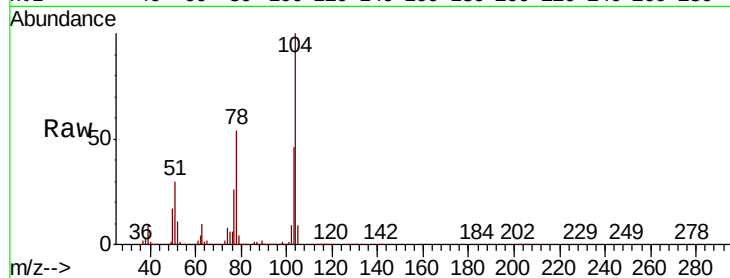
Tot Ion:104 Resp: 2272736

Ion Ratio Lower Upper

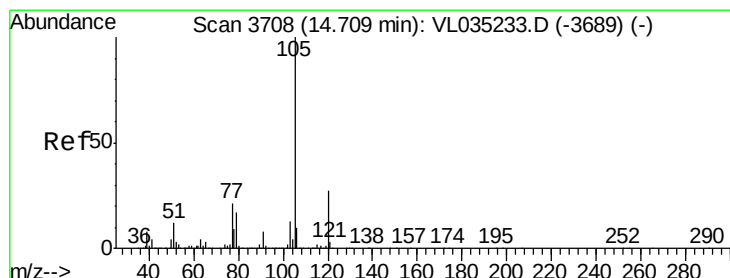
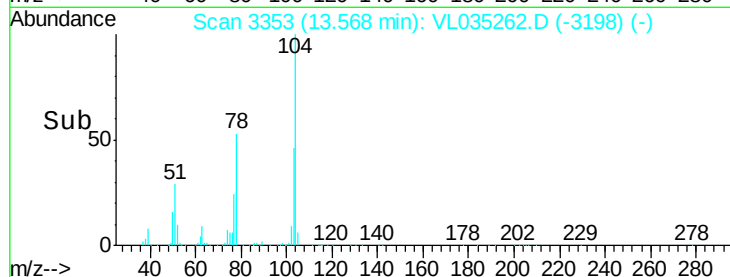
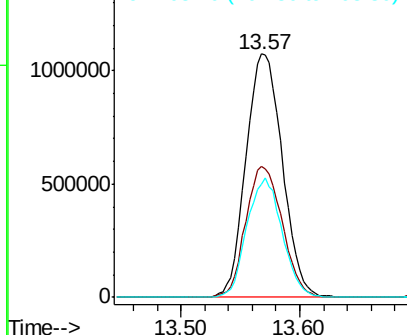
104 100

78 54.2 43.3 64.9

103 47.6 38.2 57.2



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VL0
Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 10.381 ppbv

RT: 14.71 min Scan# 3708

Delta R.T. 0.00 min

Lab File: VL035262.D

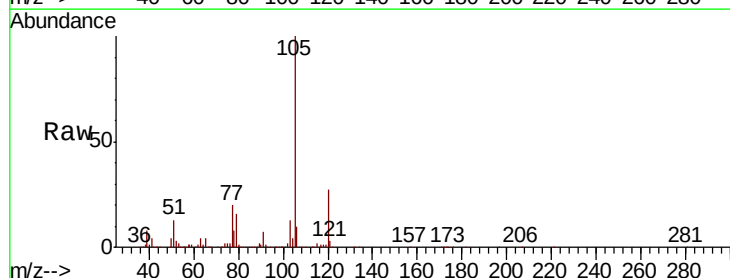
Acq: 30 Jul 2020 1:31

Tgt Ion:105 Resp: 4798773

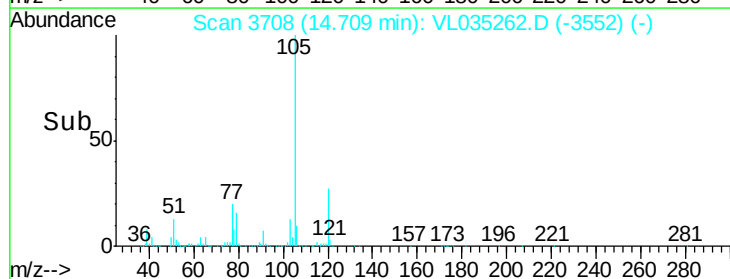
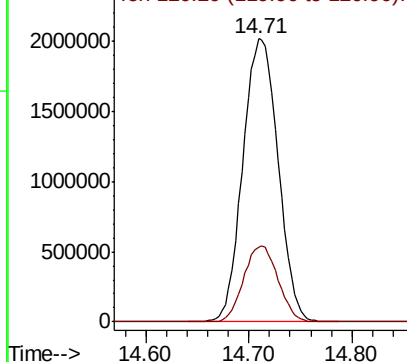
Ion Ratio Lower Upper

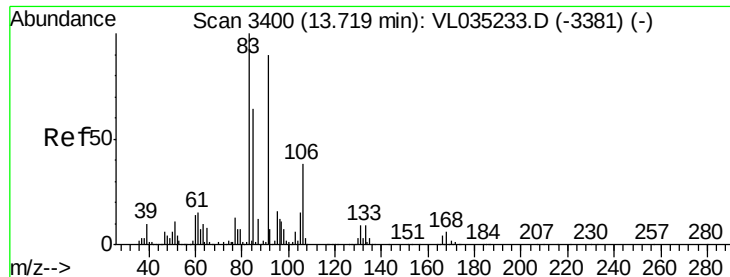
105 100

120 26.2 20.8 31.2



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: 8.981 ppbv

RT: 13.72 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VL035262.D

Acq: 30 Jul 2020 1:31

Instrument :

MSVOA_L

ClientSampleId :

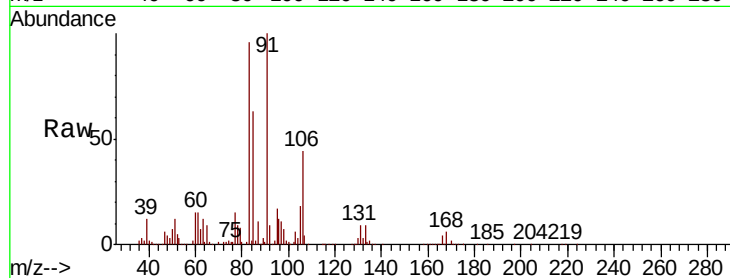
Tot Ion: 83 Resp: 2400212

Ion Ratio Lower Upper

83 100

131 9.4 4.6 13.8

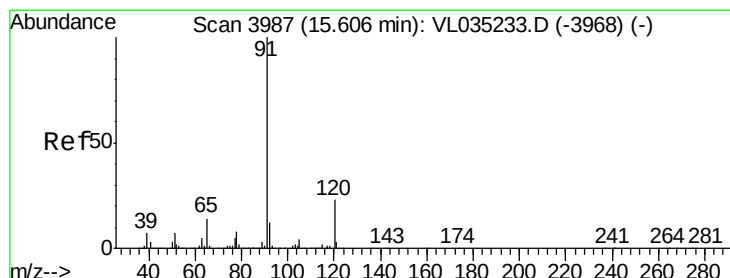
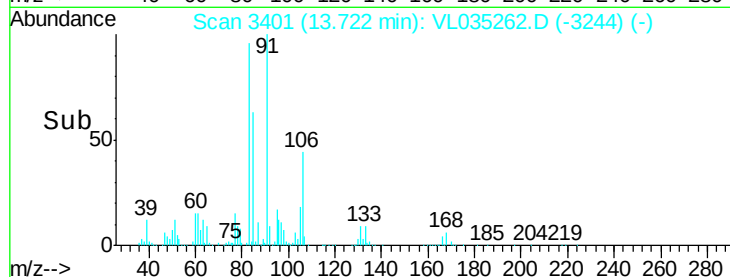
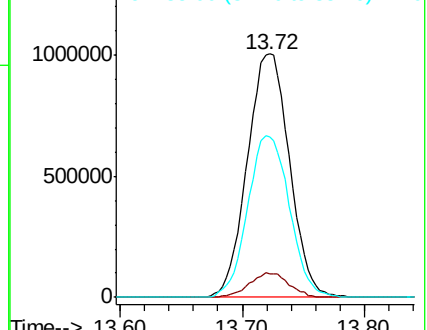
85 66.1 32.7 98.1



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 10.655 ppbv

RT: 15.61 min Scan# 3988

Delta R.T. 0.00 min

Lab File: VL035262.D

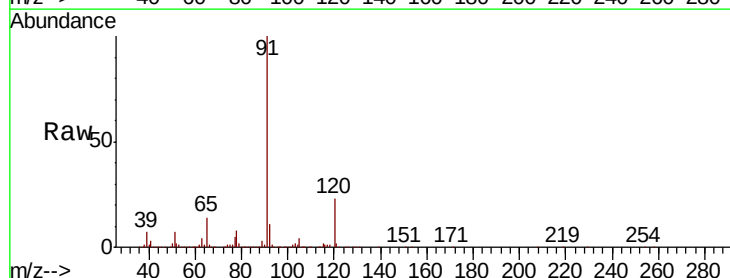
Acq: 30 Jul 2020 1:31

Tgt Ion:120 Resp: 1309686

Ion Ratio Lower Upper

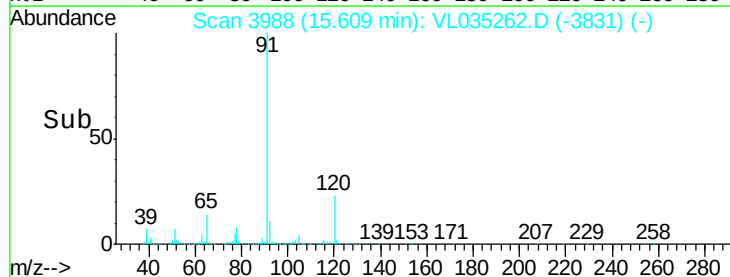
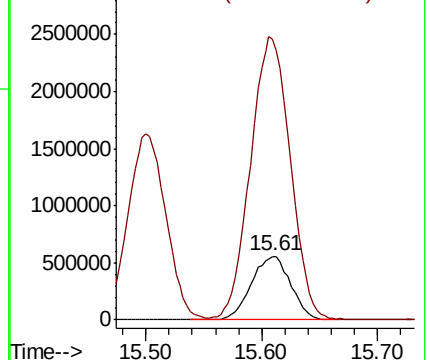
120 100

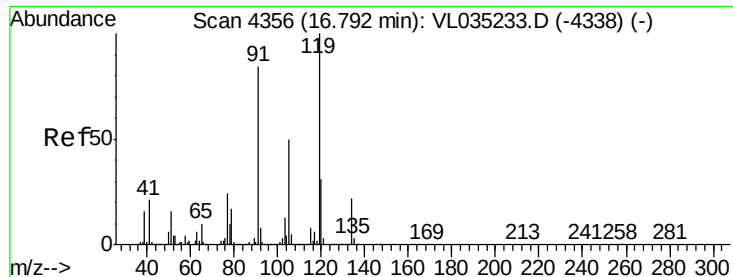
91 453.7 367.5 551.3



Abundance Ion 120.20 (119.90 to 120.90): VL0

Ion 91.10 (90.80 to 91.80): VL0





#65

tert-Butylbenzene

Concen: 10.274 ppbv

RT: 16.80 min Scan# 4357

Delta R.T. 0.00 min

Lab File: VL035262.D

Acq: 30 Jul 2020 1:31

Instrument :

MSVOA_L

ClientSampleId :

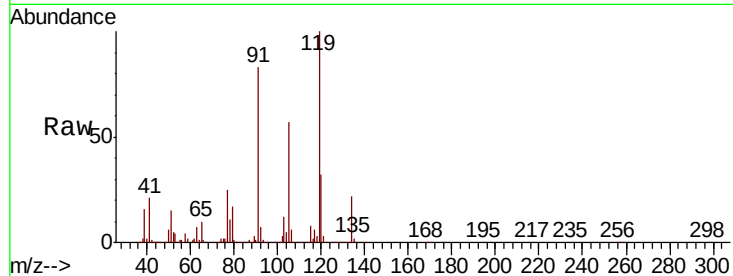
Tot Ion:119 Resp: 4302682

Ion Ratio Lower Upper

119 100

91 84.2 68.0 102.0

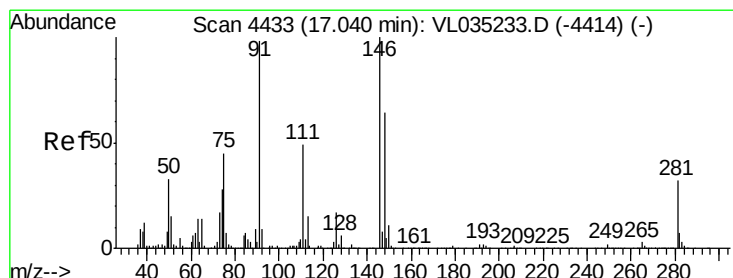
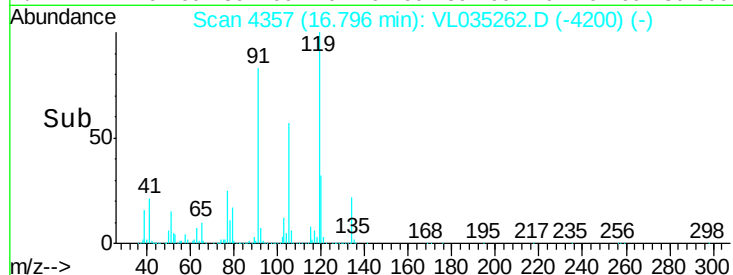
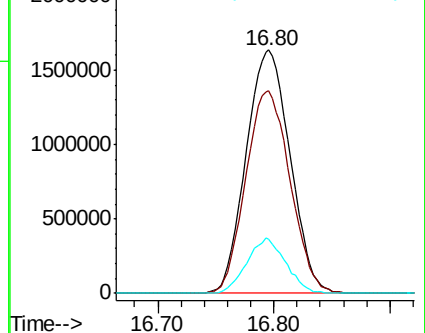
134 20.2 16.3 24.5



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: 10.191 ppbv

RT: 17.04 min Scan# 4433

Delta R.T. 0.00 min

Lab File: VL035262.D

Acq: 30 Jul 2020 1:31

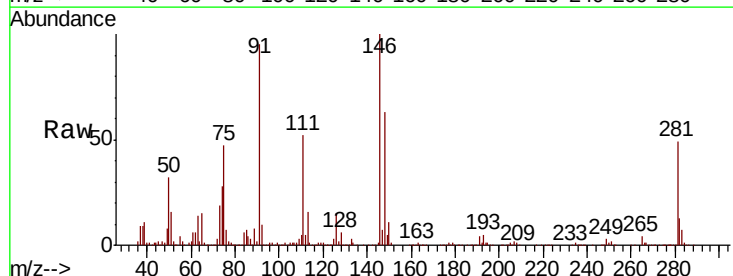
Tgt Ion: 91 Resp: 1671710

Ion Ratio Lower Upper

91 100

126 17.2 14.1 21.1

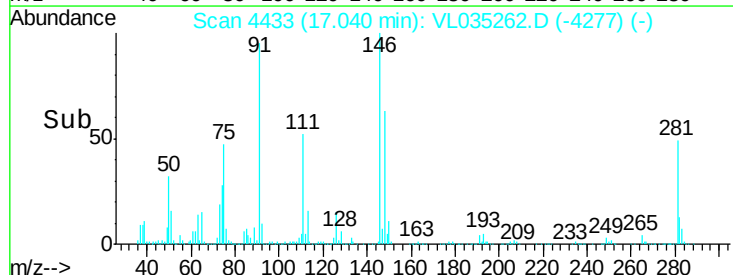
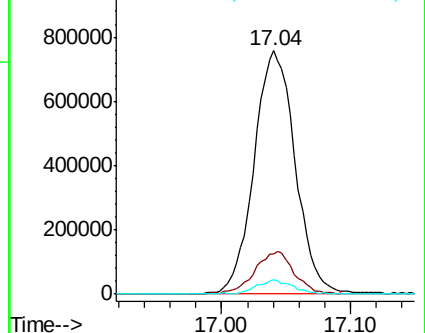
128 5.3 4.4 6.6

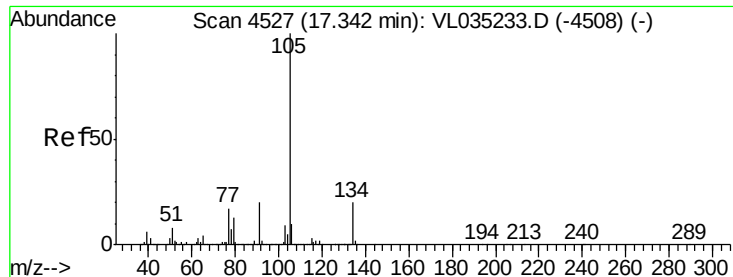


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 10.039 ppbv

RT: 17.34 min Scan# 4527

Delta R.T. 0.00 min

Lab File: VL035262.D

Acq: 30 Jul 2020 1:31

Instrument :

MSVOA_L

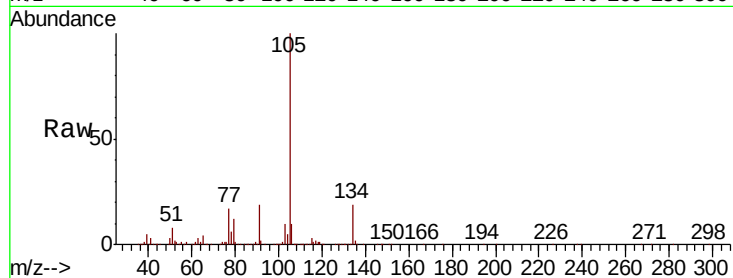
ClientSampled :

Tot Ion:105 Resp: 6143077

Ion Ratio Lower Upper

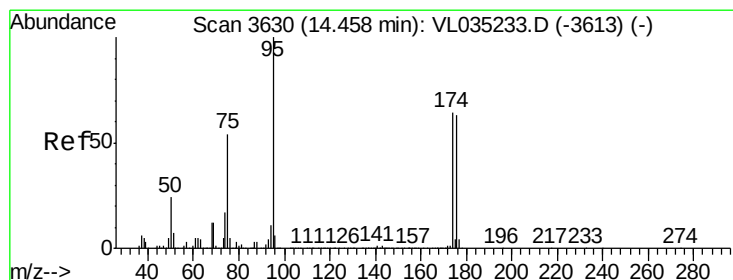
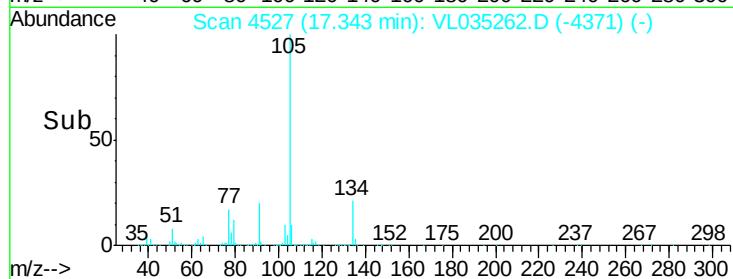
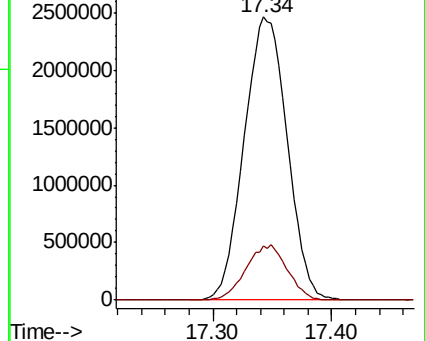
105 100

134 18.7 15.0 22.4



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: 9.747 ppbv

RT: 14.46 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VL035262.D

Acq: 30 Jul 2020 1:31

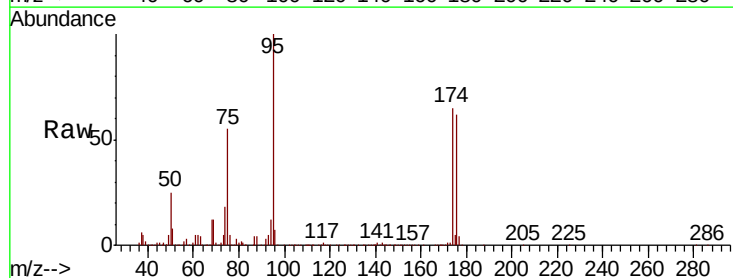
Tgt Ion: 95 Resp: 2459082

Ion Ratio Lower Upper

95 100

174 66.2 52.7 79.1

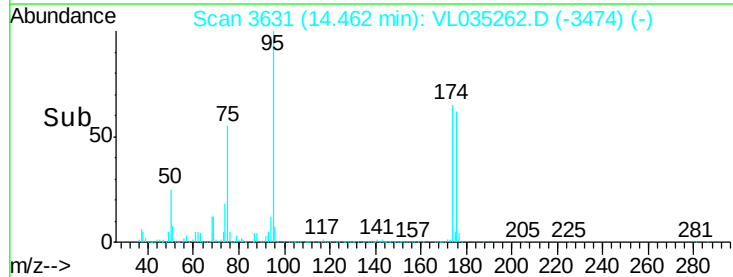
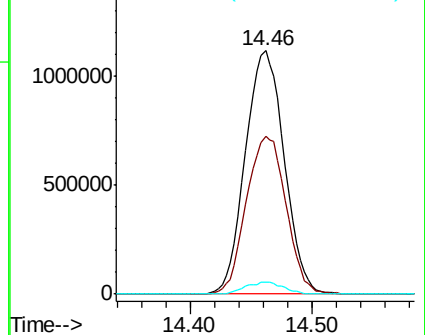
175 4.9 3.9 5.9

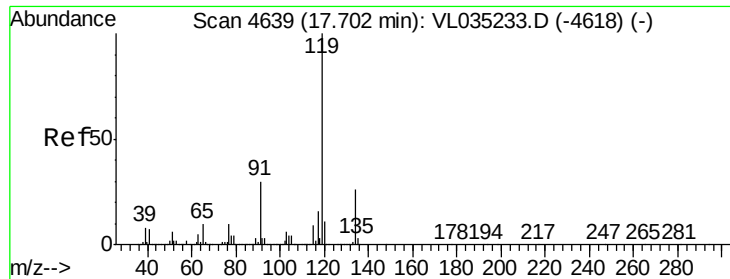


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

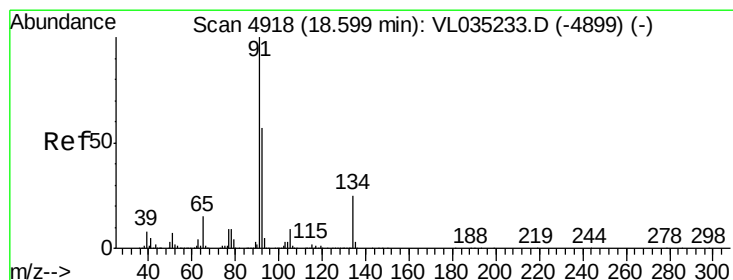
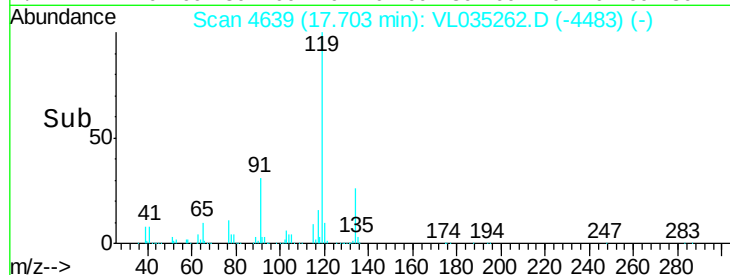
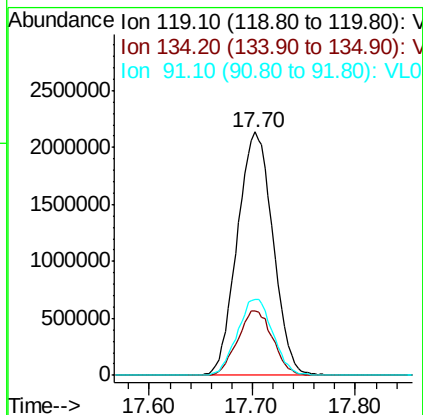
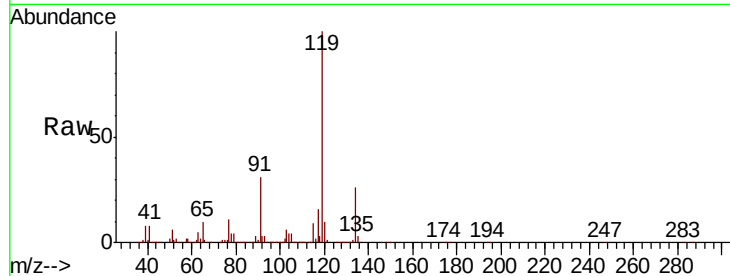




#69
 p-Isopropyltoluene
 Concen: 10.288 ppbv
 RT: 17.70 min Scan# 4639
 Delta R.T. 0.00 min
 Lab File: VL035262.D
 Acq: 30 Jul 2020 1:31

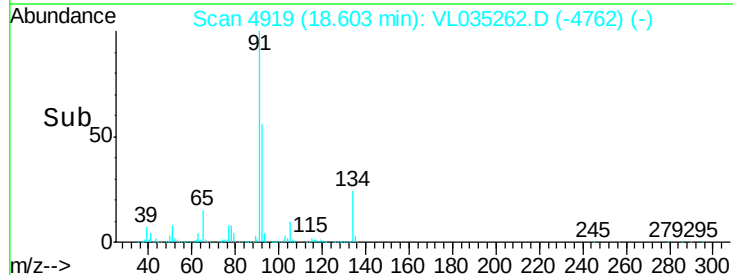
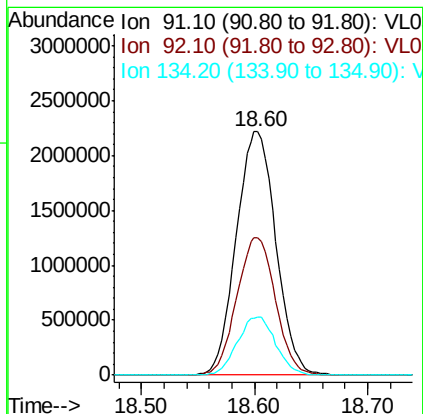
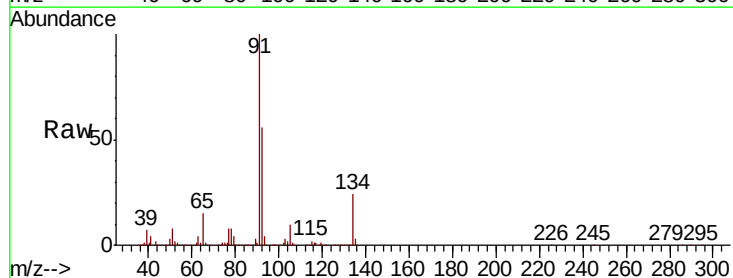
Instrument :
 MSVOA_L
 ClientSampled :

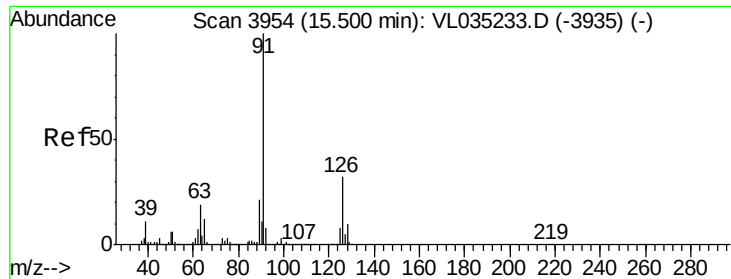
Tot Ion:119 Resp: 5135327
 Ion Ratio Lower Upper
 119 100
 134 26.1 20.8 31.2
 91 31.2 24.7 37.1



#70
 n-Butylbenzene
 Concen: 9.976 ppbv
 RT: 18.60 min Scan# 4919
 Delta R.T. 0.00 min
 Lab File: VL035262.D
 Acq: 30 Jul 2020 1:31

Tgt Ion: 91 Resp: 5387384
 Ion Ratio Lower Upper
 91 100
 92 55.5 44.9 67.3
 134 23.2 18.6 28.0

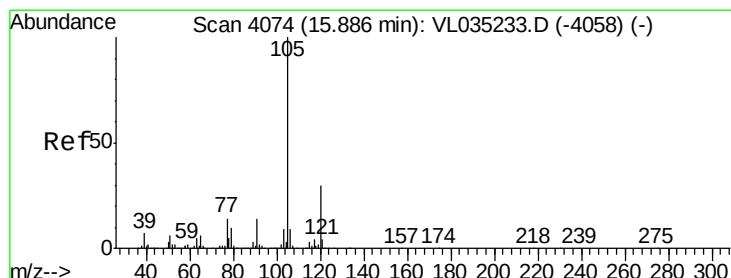
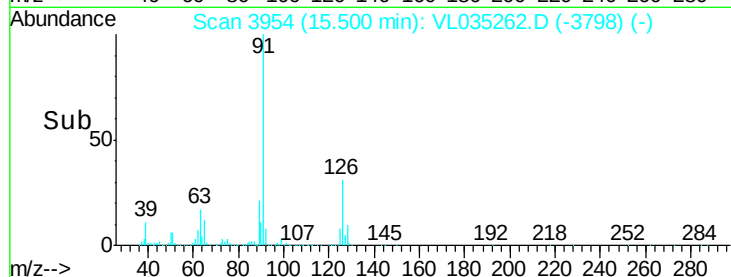
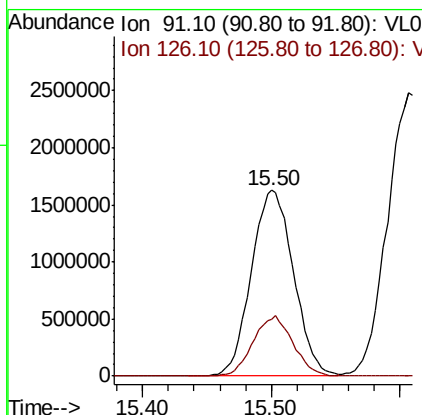
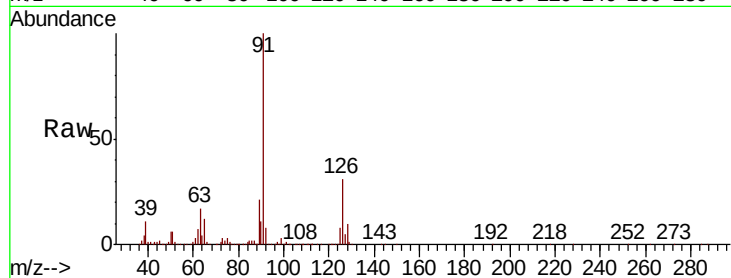




#71
 2-Chlorotoluene
 Concen: 10.654 ppbv
 RT: 15.50 min Scan# 3954
 Delta R.T. 0.00 min
 Lab File: VL035262.D
 Acq: 30 Jul 2020 1:31

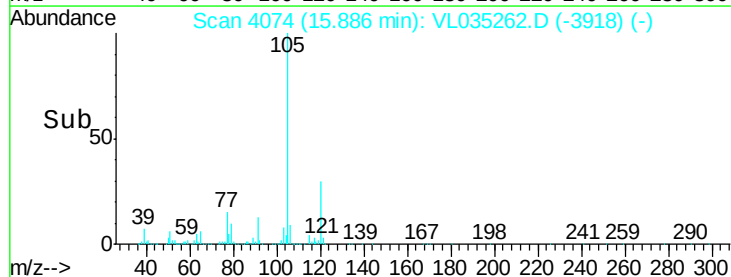
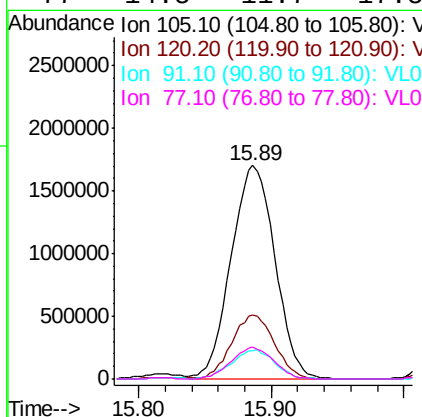
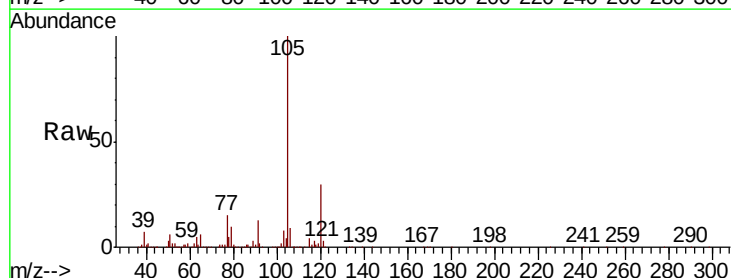
Instrument :
 MSVOA_L
 ClientSampled :

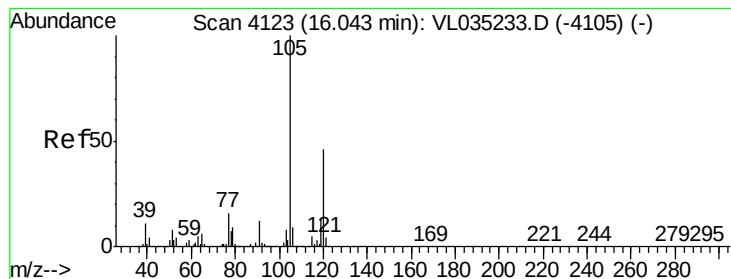
Tot Ion: 91 Resp: 3713873
 Ion Ratio Lower Upper
 91 100
 126 30.5 12.3 49.1



#72
 4-Ethyltoluene
 Concen: 11.185 ppbv
 RT: 15.89 min Scan# 4074
 Delta R.T. 0.00 min
 Lab File: VL035262.D
 Acq: 30 Jul 2020 1:31

Tgt Ion:105 Resp: 3910106
 Ion Ratio Lower Upper
 105 100
 120 29.5 23.6 35.4
 91 13.4 11.0 16.6
 77 14.5 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 10.653 ppbv

RT: 16.04 min Scan# 4123

Delta R.T. 0.00 min

Lab File: VL035262.D

Acq: 30 Jul 2020 1:31

Instrument :

MSVOA_L

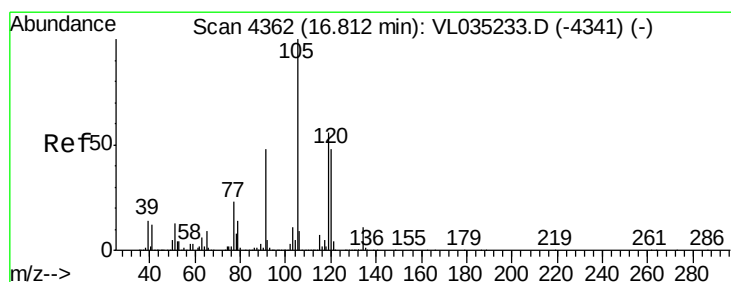
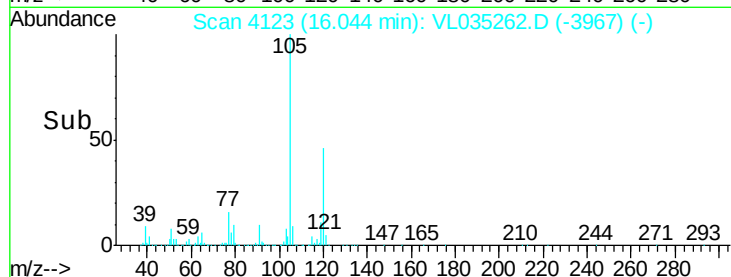
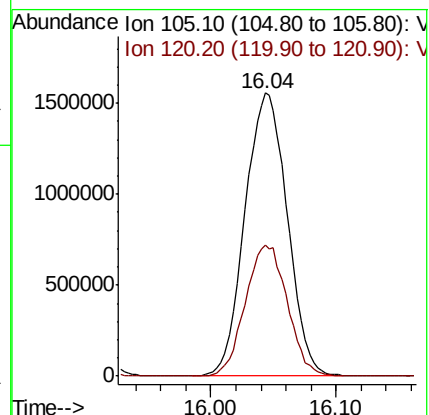
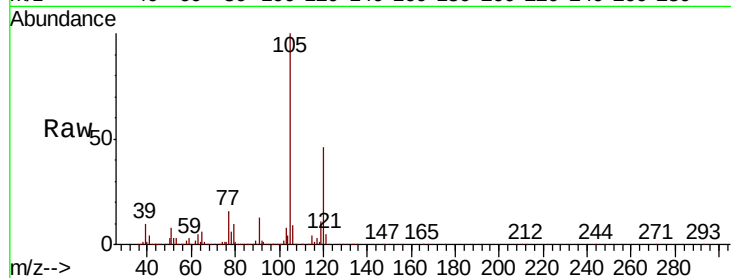
ClientSampleId :

Tot Ion:105 Resp: 3631691

Ion Ratio Lower Upper

105 100

120 46.4 36.8 55.2



#74

1,2,4-Trimethylbenzene

Concen: 9.747 ppbv

RT: 16.81 min Scan# 4362

Delta R.T. 0.00 min

Lab File: VL035262.D

Acq: 30 Jul 2020 1:31

Tgt Ion:105 Resp: 3868384

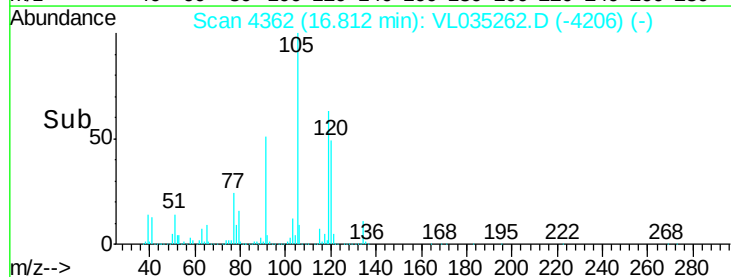
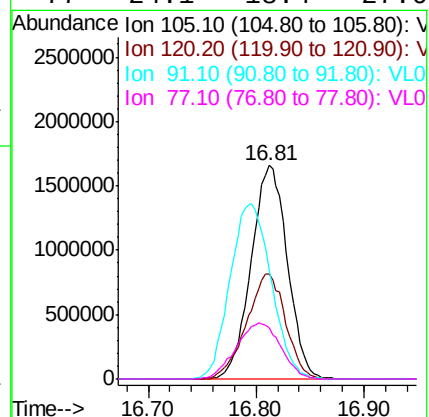
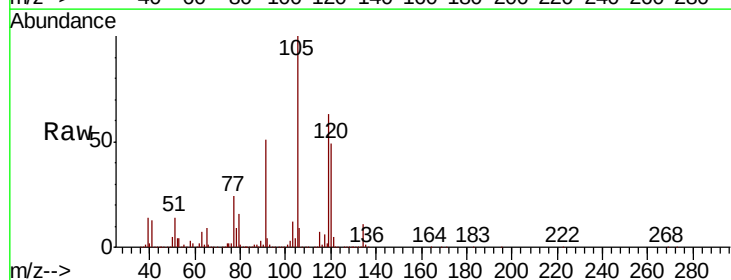
Ion Ratio Lower Upper

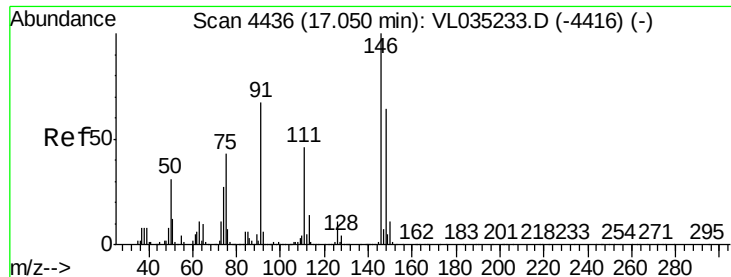
105 100

120 49.2 38.8 58.2

91 50.8 38.9 58.3

77 24.1 18.4 27.6

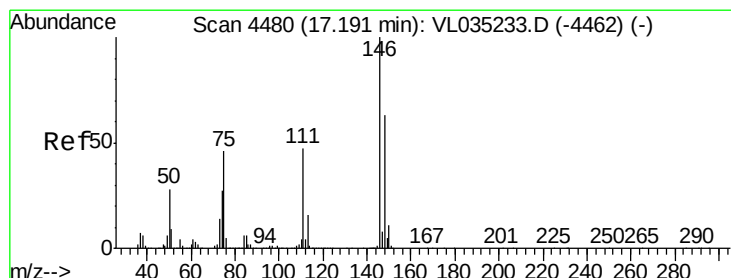
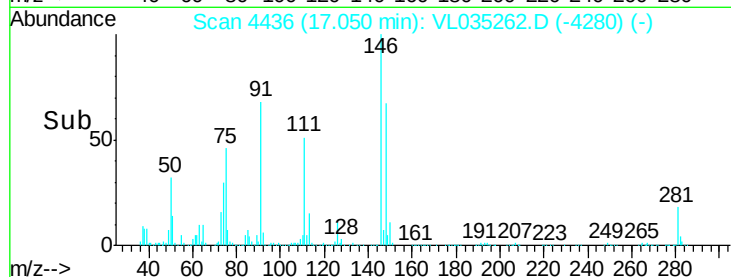
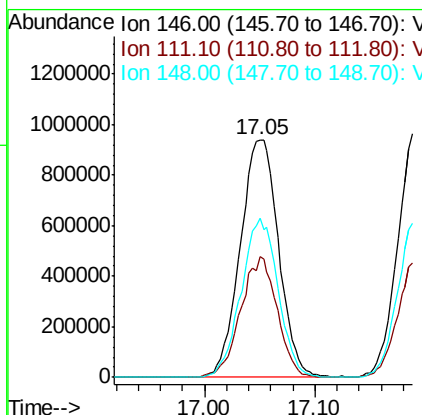
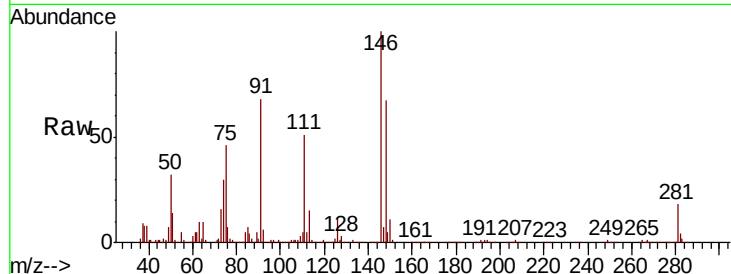




#75
 1,3-Dichlorobenzene
 Concen: 8.819 ppbv
 RT: 17.05 min Scan# 4436
 Delta R.T. 0.00 min
 Lab File: VL035262.D
 Acq: 30 Jul 2020 1:31

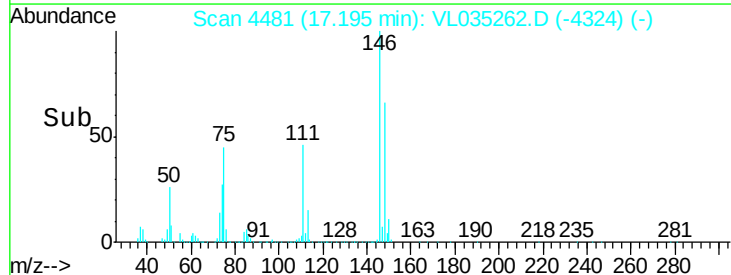
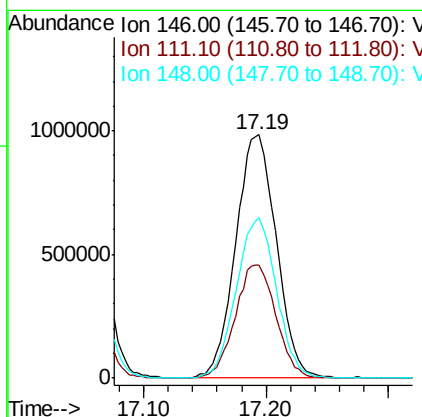
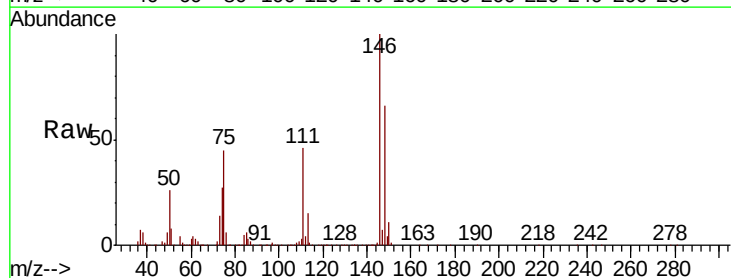
Instrument :
 MSVOA_L
 ClientSampleId :

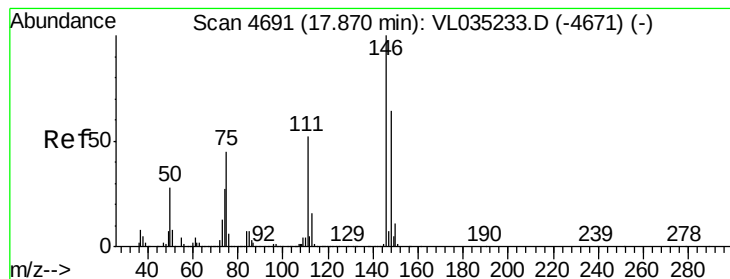
Tot Ion:146 Resp: 2259888
 Ion Ratio Lower Upper
 146 100
 111 48.5 24.4 73.4
 148 64.8 32.1 96.5



#76
 1,4-Dichlorobenzene
 Concen: 9.703 ppbv
 RT: 17.19 min Scan# 4481
 Delta R.T. 0.00 min
 Lab File: VL035262.D
 Acq: 30 Jul 2020 1:31

Tgt Ion:146 Resp: 2249129
 Ion Ratio Lower Upper
 146 100
 111 47.0 23.4 70.2
 148 65.7 32.2 96.6





#77

1,2-Dichlorobenzene

Concen: 9.467 ppbv

RT: 17.87 min Scan# 4692

Delta R.T. 0.00 min

Lab File: VL035262.D

Acq: 30 Jul 2020 1:31

Instrument :

MSVOA_L

ClientSampleId :

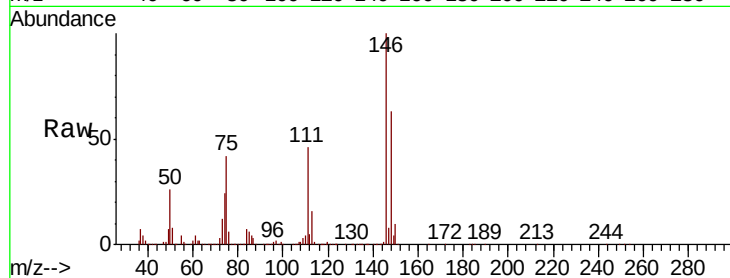
Tot Ion:146 Resp: 2172928

Ion Ratio Lower Upper

146 100

111 49.2 24.6 73.8

148 64.2 32.0 96.0

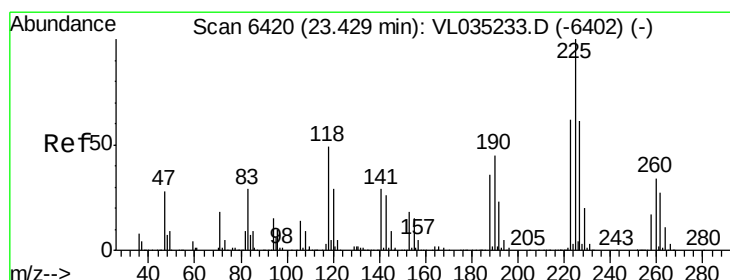
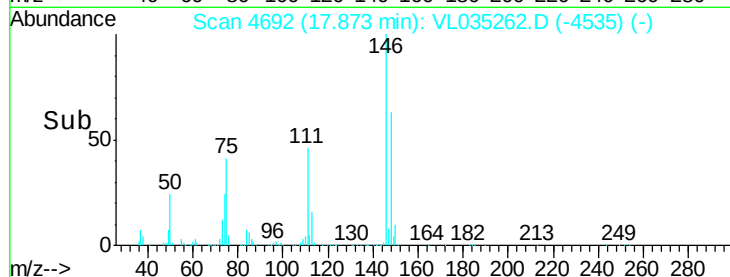
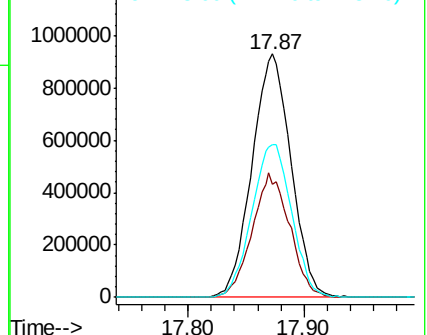


Abundance

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



#78

Hexachloro-1,3-Butadiene

Concen: 7.652 ppbv

RT: 23.43 min Scan# 6420

Delta R.T. 0.00 min

Lab File: VL035262.D

Acq: 30 Jul 2020 1:31

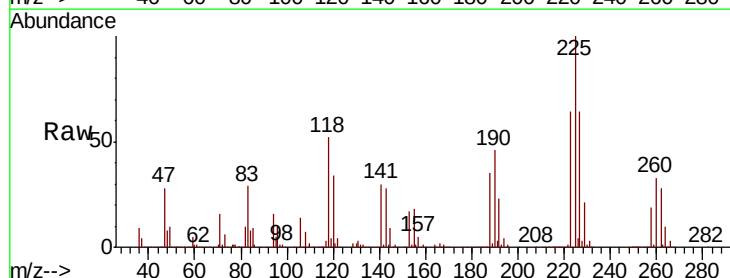
Tgt Ion:225 Resp: 1437676

Ion Ratio Lower Upper

225 100

223 62.7 51.3 76.9

227 64.2 51.4 77.2

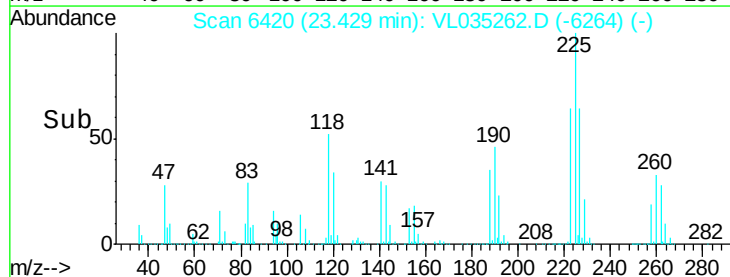
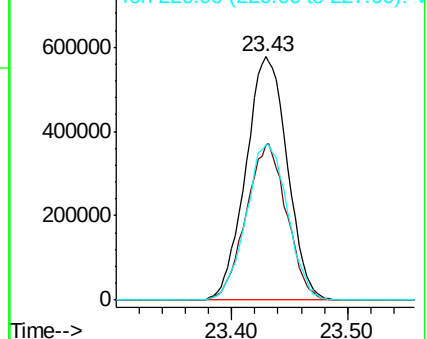


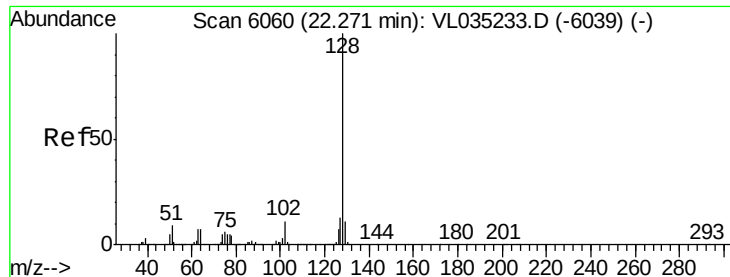
Abundance

Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V

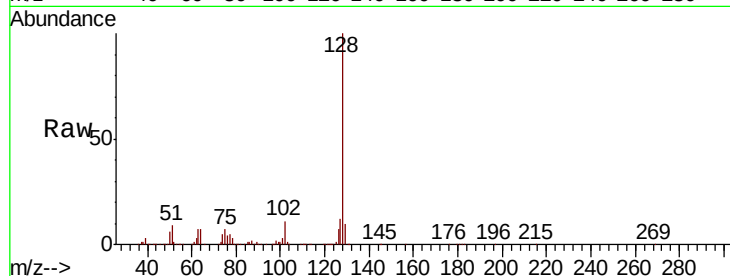




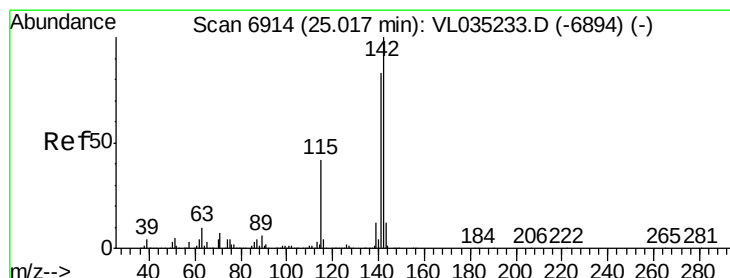
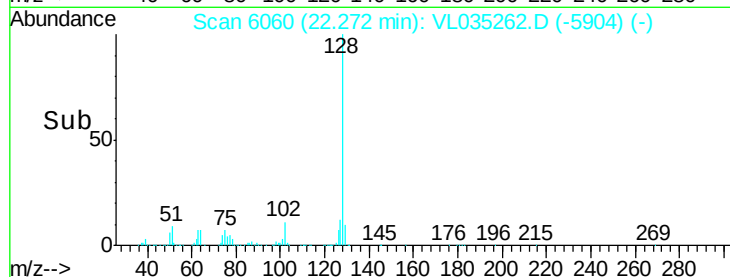
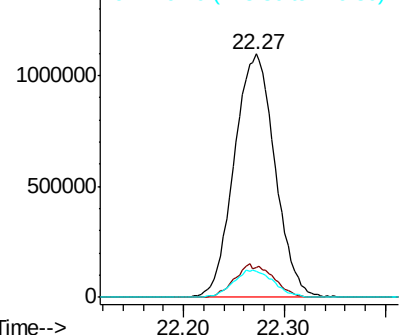
#79
Naphthalene
Concen: 9.704 ppbv
RT: 22.27 min Scan# 6060
Delta R.T. 0.00 min
Lab File: VL035262.D
Acq: 30 Jul 2020 1:31

Instrument :
MSVOA_L
ClientSampled :

Tot Ion:128 Resp: 3062366
Ion Ratio Lower Upper
128 100
127 12.4 10.4 15.6
129 10.5 8.5 12.7

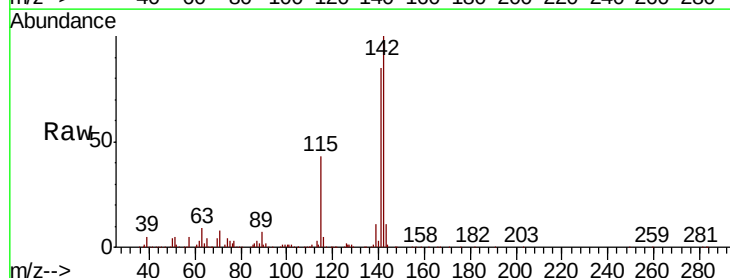


Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V

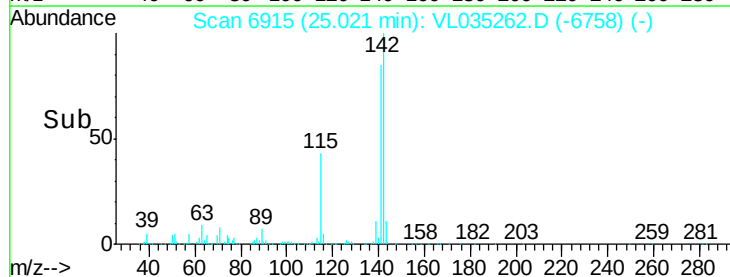
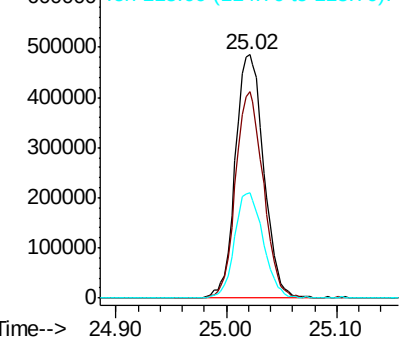


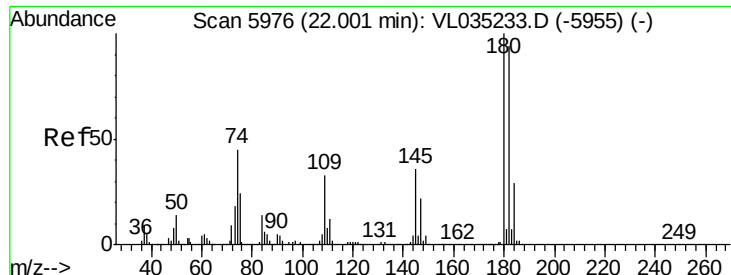
#80
Naphthalene, 2-methyl-
Concen: 8.472 ppbv
RT: 25.02 min Scan# 6915
Delta R.T. 0.00 min
Lab File: VL035262.D
Acq: 30 Jul 2020 1:31

Tgt Ion:142 Resp: 865299
Ion Ratio Lower Upper
142 100
141 83.1 68.6 103.0
115 43.7 34.5 51.7



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: 9.137 ppbv

RT: 22.00 min Scan# 5974

Delta R.T. -0.01 min

Lab File: VL035262.D

Acq: 30 Jul 2020 1:31

Instrument :

MSVOA_L

ClientSampleId :

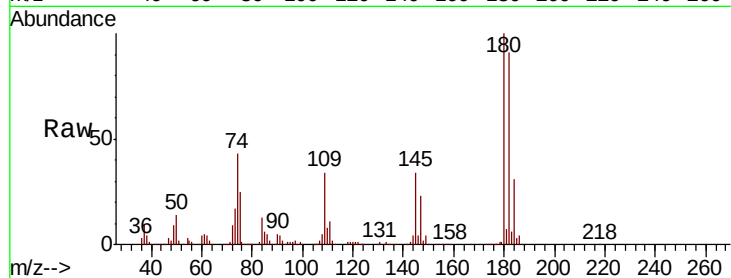
Tot Ion:180 Resp: 1755262

Ion Ratio Lower Upper

180 100

182 95.6 76.7 115.1

184 31.1 24.7 37.1



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

