

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL100820\
 Data File : VL035754.D
 Acq On : 8 Oct 2020 21:05
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 09 01:19:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 23 07:38:05 2020
 QLast Update : Wed Sep 23 07:38:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1201426	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.18	114	4596726	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.10	117	5717654	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	3393162	7.92	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	79.20%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.04	85	1749283	8.874	ppbv 97
3) Chlorodifluoromethane	2.98	51	1217703	9.421	ppbv 100
4) Chloromethane	3.13	50	658902	9.490	ppbv 95
5) Vinyl Chloride	3.25	62	779621	9.493	ppbv 100
6) Bromomethane	3.47	94	658285	9.482	ppbv 97
7) Chloroethane	3.55	64	288949	9.593	ppbv 98
8) Dichlorotetrafluoroethane	3.18	85	2191455	9.165	ppbv 100
9) Propene	3.00	41	465970	9.929	ppbv 100
10) Heptane	8.12	43	1371840	10.486	ppbv 100
11) Trichlorofluoromethane	3.94	101	2608710	9.275	ppbv 97
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1973745	9.413	ppbv 99
13) Ethanol	3.60	45	108267	9.355	ppbv 100
14) Bromoethene	3.73	108	867040	9.817	ppbv 100
15) Acetone	3.84	43	1137863	8.802	ppbv 99
16) 1,3-Butadiene	3.32	39	486551	10.288	ppbv 98
17) tert-Butyl alcohol	4.29	59	1432059	10.170	ppbv 100
18) 1,1-Dichloroethene	4.28	96	910853	9.922	ppbv 99
19) Isopropyl Alcohol	3.97	45	706745	10.050	ppbv 99
20) Methylene Chloride	4.34	84	768214	8.090	ppbv 98
21) Allyl Chloride	4.41	41	656735	10.481	ppbv 99
22) trans-1,2-Dichloroethene	4.88	96	950902	9.804	ppbv 98
23) Vinyl Acetate	5.07	43	1708875	10.792	ppbv 99
24) 1,1-Dichloroethane	5.01	63	1639472	9.506	ppbv 100
25) Ethyl Acetate	5.67	43	2240631	9.632	ppbv 100
26) Hexane	5.68	57	1243758	9.757	ppbv 99
27) Carbon Disulfide	4.54	76	2028842	10.678	ppbv 100
28) Methyl tert-Butyl Ether	5.03	73	2139814	10.590	ppbv 100
29) Chloroform	5.75	83	2471569	9.548	ppbv 98
30) Cyclohexane	7.13	84	1360191	10.815	ppbv 100
31) cis-1,2-Dichloroethene	5.55	61	1320021	10.727	ppbv 99
32) 1,1,1-Trichloroethane	6.51	97	2401763	10.525	ppbv 100
34) 2-Butanone	5.24	43	1546387	10.171	ppbv 100
35) Carbon Tetrachloride	7.02	117	2467960	10.298	ppbv 98
36) Benzene	6.89	78	3135324	10.468	ppbv 99
37) 1,2-Dichloroethane	6.31	62	1536426	9.842	ppbv 100
38) Trichloroethene	7.84	130	1548775	10.365	ppbv 98
39) 1,2-Dichloropropane	7.62	63	1077865	9.928	ppbv 97
40) 1,4-Dioxane	7.83	88	525773	10.590	ppbv 97
41) Tetrahydrofuran	6.05	42	870584	11.366	ppbv 100
42) Bromodichloromethane	7.80	83	2594144	10.316	ppbv 99
43) Methyl Methacrylate	8.02	69	1317506	11.060	ppbv 99

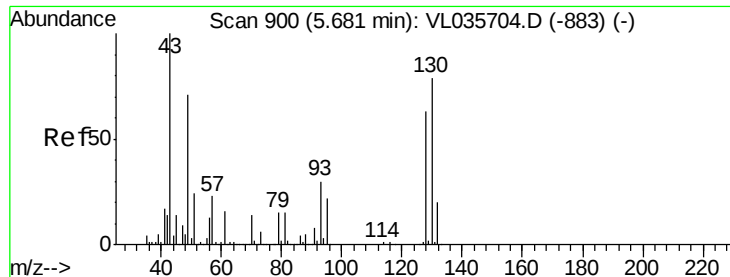
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL100820\
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Quant Time: Oct 09 01:19:52 2020
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	4221290	9.821	ppbv	100
45) t-1,3-Dichloropropene	9.28	75	1501802	12.487	ppbv	97
46) cis-1,3-Dichloropropene	8.71	75	1774551	11.970	ppbv	99
47) 1,1,2-Trichloroethane	9.48	97	1516753	9.754	ppbv	99
48) Dibromochloromethane	10.31	129	2557155	10.805	ppbv	100
49) Bromoform	13.05	173	2279296	11.350	ppbv	100
50) 4-Methyl-2-Pentanone	8.74	43	2304087	10.376	ppbv	100
51) 2-Hexanone	10.14	43	1963517	10.974	ppbv	100
52) Tetrachloroethene	11.23	164	1465946	10.178	ppbv	99
53) Toluene	9.81	91	3896383	11.032	ppbv	100
54) 1,2-Dibromoethane	10.62	107	2380243	10.222	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.14	131	1972059	8.226	ppbv	97
57) Chlorobenzene	12.16	112	3297727	7.636	ppbv	99
58) Ethyl Benzene	12.72	91	5116604	8.916	ppbv	100
59) m/p-Xylene	13.01	91	4452476	8.884	ppbv #	33
60) o-Xylene	13.71	91	4266318	8.416	ppbv	100
61) Styrene	13.54	104	3376579	9.632	ppbv	99
62) Isopropylbenzene	14.68	105	6398617	8.137	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.69	83	3127731	7.524	ppbv	99
64) n-propylbenzene	15.58	120	1986067	8.630	ppbv	100
65) tert-Butylbenzene	16.76	119	5961483	8.339	ppbv	100
66) Benzyl Chloride	17.01	91	2368918	10.936	ppbv	99
67) sec-Butylbenzene	17.31	105	7961718	8.064	ppbv	100
69) p-Isopropyltoluene	17.67	119	6807527	8.475	ppbv	99
70) n-Butylbenzene	18.57	91	6835945	8.265	ppbv	100
71) 2-Chlorotoluene	15.47	91	4967794	8.661	ppbv	100
72) 4-Ethyltoluene	15.86	105	5287528	8.804	ppbv	100
73) 1,3,5-Trimethylbenzene	16.01	105	4906329	8.645	ppbv	100
74) 1,2,4-Trimethylbenzene	16.78	105	5152672	8.054	ppbv	100
75) 1,3-Dichlorobenzene	17.01	146	3440477	7.877	ppbv	99
76) 1,4-Dichlorobenzene	17.16	146	3468465	8.308	ppbv	100
77) 1,2-Dichlorobenzene	17.83	146	3365070	8.157	ppbv	100
78) Hexachloro-1,3-Butadiene	23.40	225	1880170	8.261	ppbv	100
79) Naphthalene	22.22	128	5334178	8.742	ppbv	98
80) Naphthalene, 2-methyl-	24.99	142	1799925	12.506	ppbv	99
81) 1,2,4-Trichlorobenzene	21.95	180	2708955	8.567	ppbv	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. -0.01 min

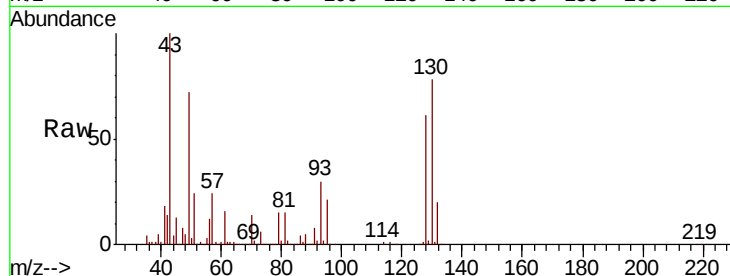
Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 49 Resp: 1201426

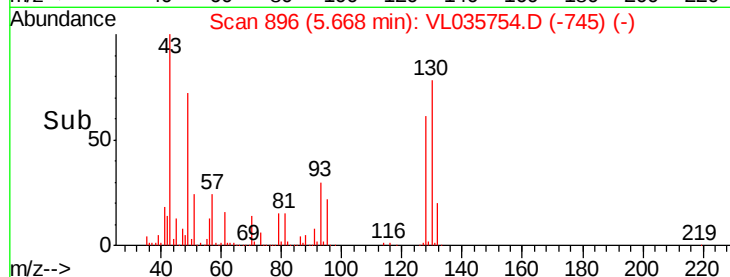
Ion	Ratio	Lower	Upper
49	100		
128	85.1	43.1	129.4
130	109.2	54.9	164.7



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 8.874 ppbv

RT: 3.04 min Scan# 79

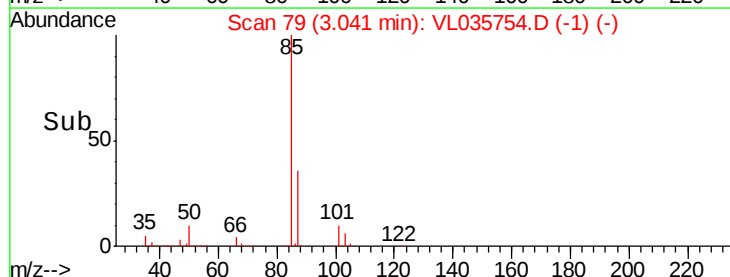
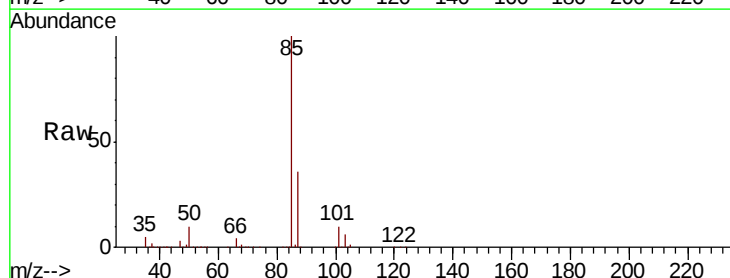
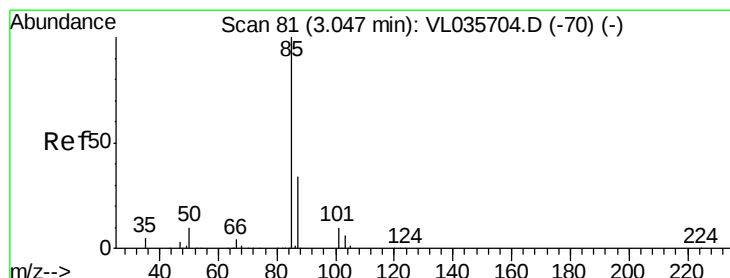
Delta R.T. -0.01 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

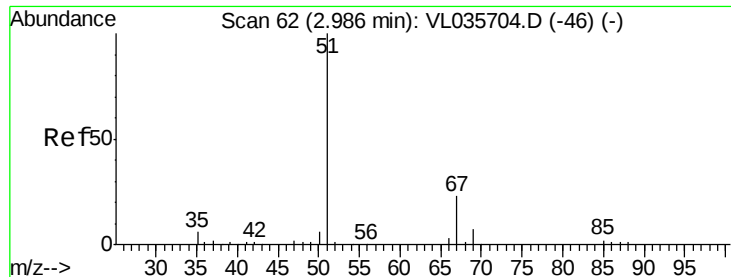
Tgt Ion: 85 Resp: 1749283

Ion	Ratio	Lower	Upper
85	100		
87	35.8	27.3	40.9



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0



#3

Chlorodifluoromethane

Concen: 9.421 ppbv

RT: 2.98 min Scan# 60

Delta R.T. -0.01 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

Instrument :

MSVOA_L

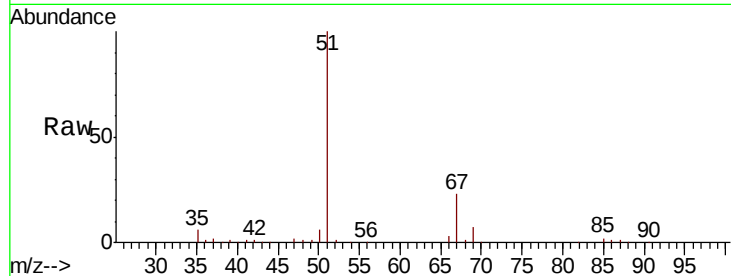
ClientSampleId :

Tot Ion: 51 Resp: 1217703

Ion Ratio Lower Upper

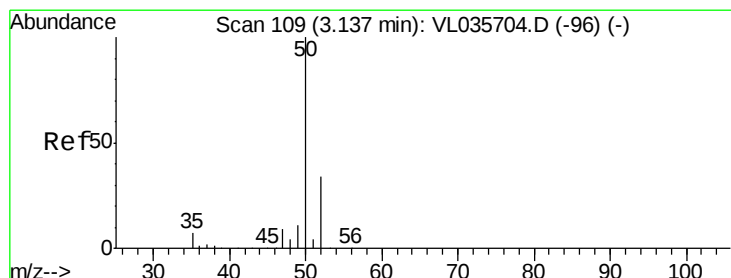
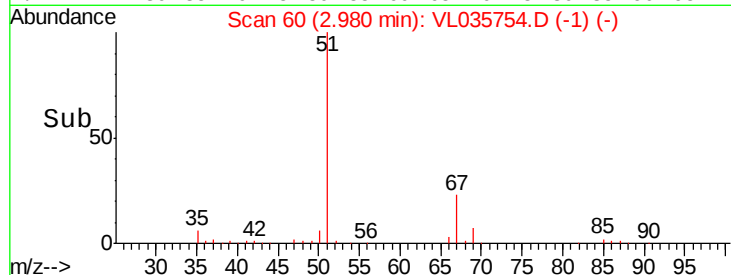
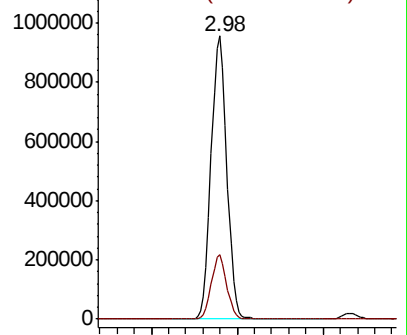
51 100

67 22.2 17.8 26.8



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 9.490 ppbv

RT: 3.13 min Scan# 107

Delta R.T. -0.01 min

Lab File: VL035754.D

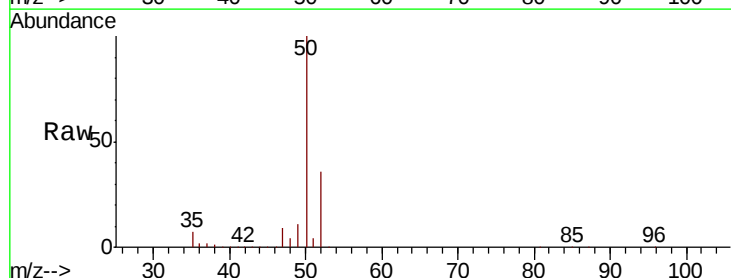
Acq: 8 Oct 2020 21:05

Tgt Ion: 50 Resp: 658902

Ion Ratio Lower Upper

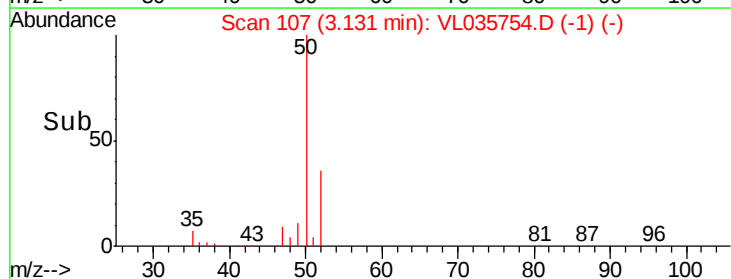
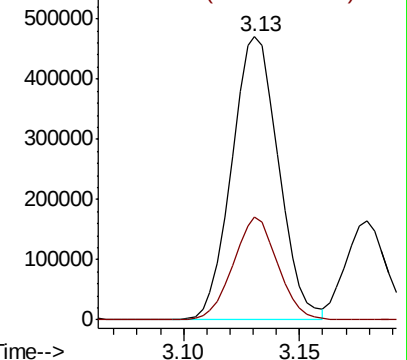
50 100

52 36.2 26.8 40.2



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 9.493 ppbv

RT: 3.25 min Scan# 143

Delta R.T. -0.01 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

Instrument :

MSVOA_L

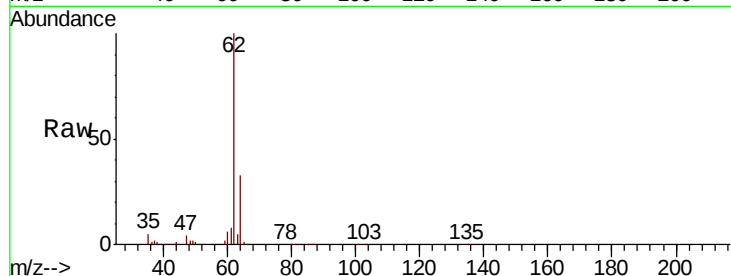
ClientSampleId :

Tot Ion: 62 Resp: 779621

Ion Ratio Lower Upper

62 100

64 33.4 26.8 40.2



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0

3.25

600000

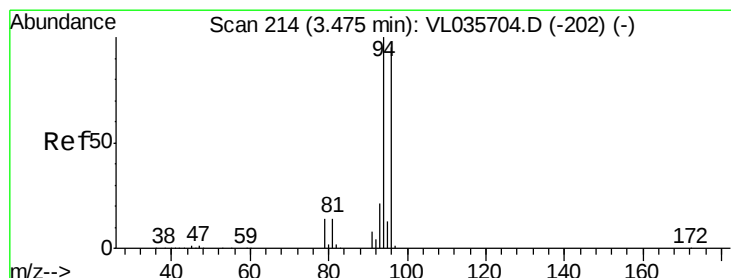
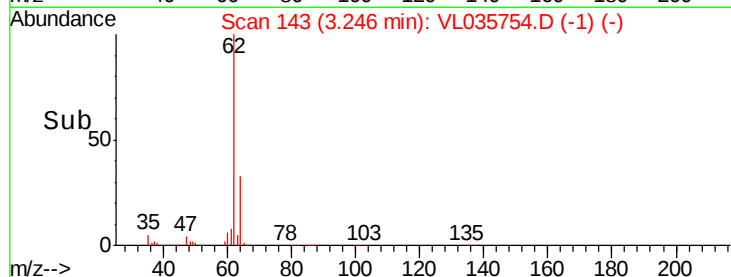
400000

200000

0

Time-->

3.20 3.25 3.30 3.35



#6

Bromomethane

Concen: 9.482 ppbv

RT: 3.47 min Scan# 211

Delta R.T. -0.01 min

Lab File: VL035754.D

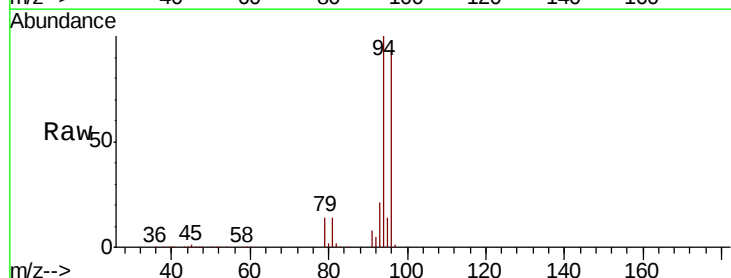
Acq: 8 Oct 2020 21:05

Tgt Ion: 94 Resp: 658285

Ion Ratio Lower Upper

94 100

96 92.5 76.3 114.5



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

3.47

500000

400000

300000

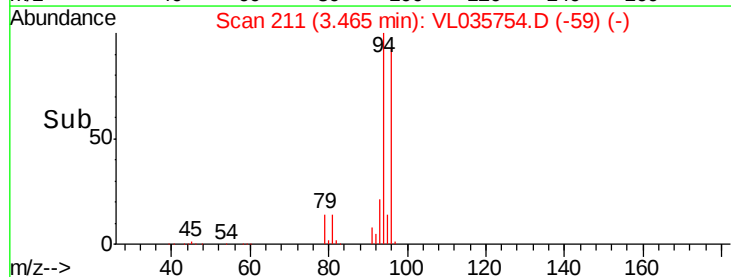
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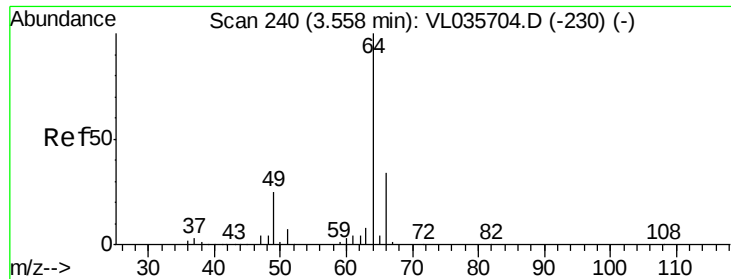
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Time-->

3.40 3.45 3.50 3.55





#7

Chloroethane

Concen: 9.593 ppbv

RT: 3.55 min Scan# 237

Delta R.T. -0.01 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

Instrument :

MSVOA_L

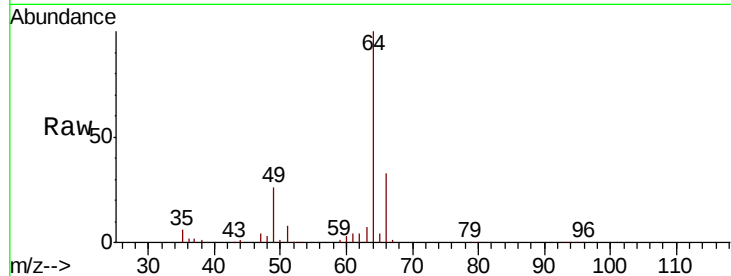
ClientSampleId :

Tot Ion: 64 Resp: 288949

Ion Ratio Lower Upper

64 100

66 32.7 26.9 40.3



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

250000

200000

150000

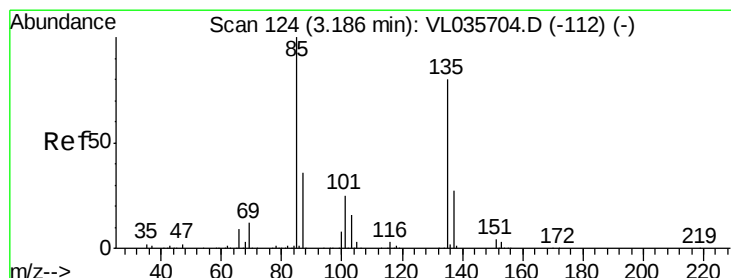
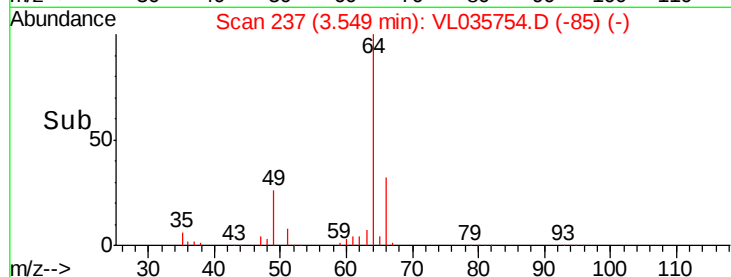
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50000

0

3.50 3.55 3.60

Time-->



#8

Dichlorotetrafluoroethane

Concen: 9.165 ppbv

RT: 3.18 min Scan# 122

Delta R.T. -0.01 min

Lab File: VL035754.D

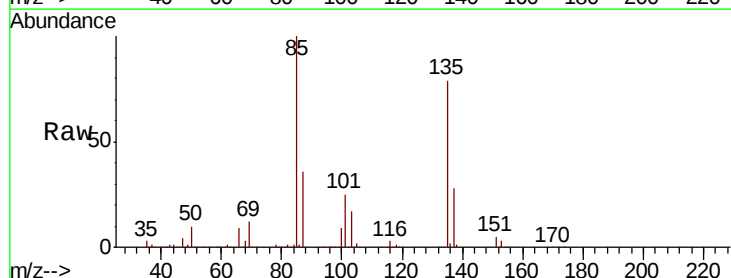
Acq: 8 Oct 2020 21:05

Tgt Ion: 85 Resp: 2191455

Ion Ratio Lower Upper

85 100

135 80.2 64.3 96.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

2000000

1500000

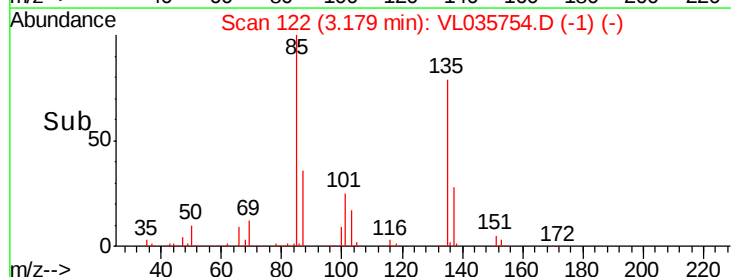
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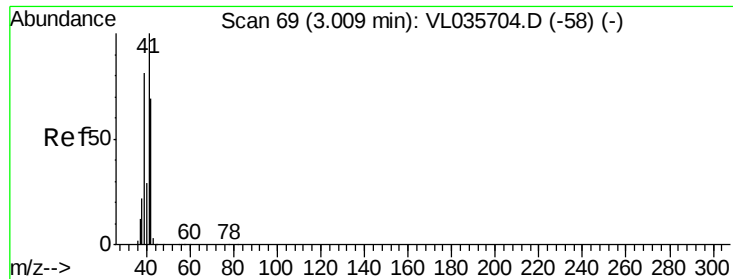
500000

0

3.10 3.15 3.20 3.25

Time-->





#9

Propene

Concen: 9.929 ppbv

RT: 3.00 min Scan# 66

Delta R.T. -0.01 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

Instrument :

MSVOA_L

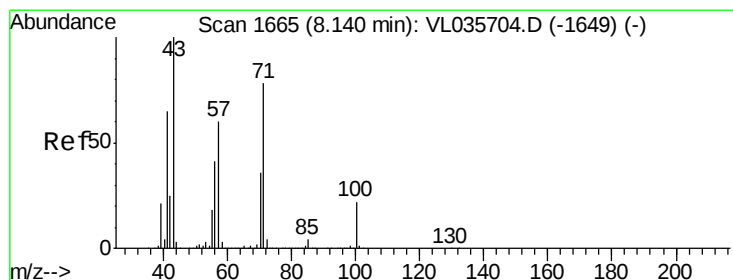
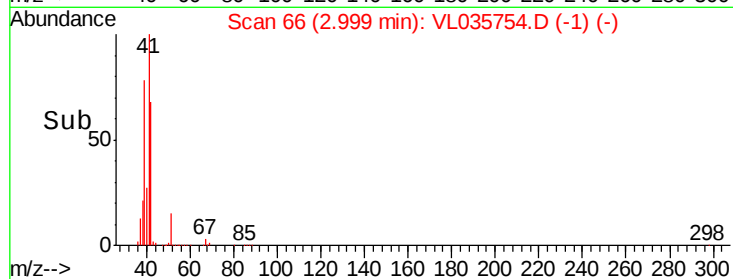
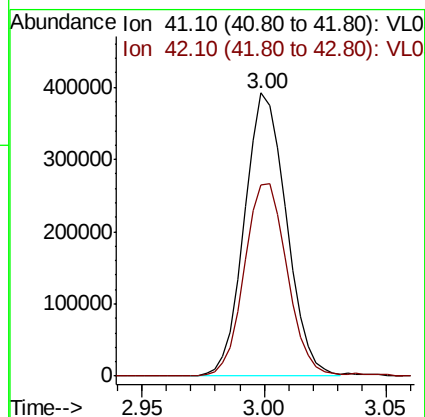
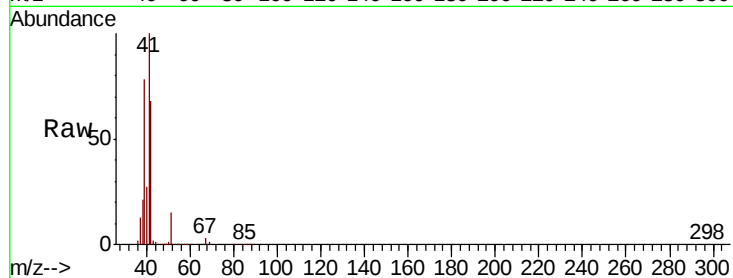
ClientSampleId :

Tot Ion: 41 Resp: 465970

Ion Ratio Lower Upper

41 100

42 70.3 56.2 84.4



#10

Heptane

Concen: 10.486 ppbv

RT: 8.12 min Scan# 1660

Delta R.T. -0.02 min

Lab File: VL035754.D

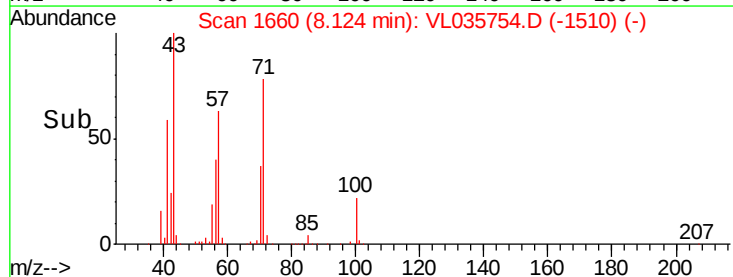
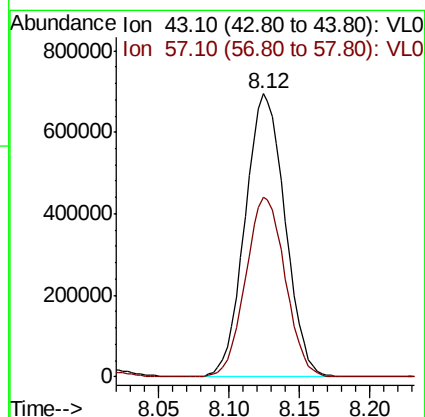
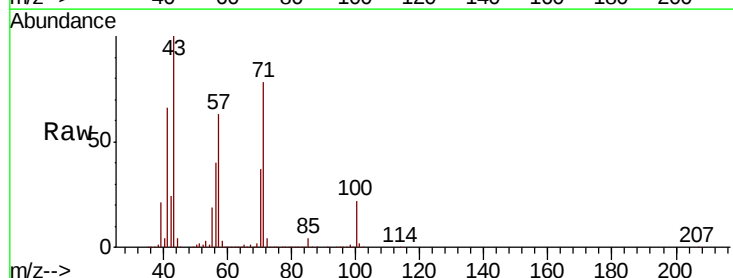
Acq: 8 Oct 2020 21:05

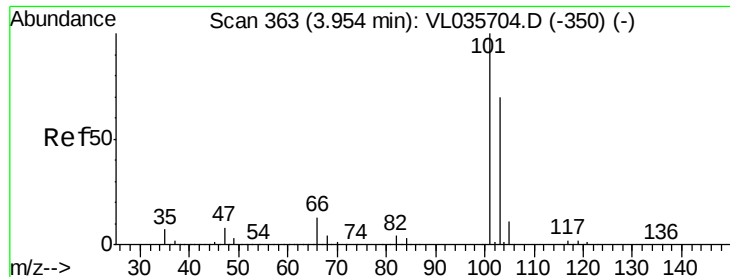
Tgt Ion: 43 Resp: 1371840

Ion Ratio Lower Upper

43 100

57 63.1 50.4 75.6

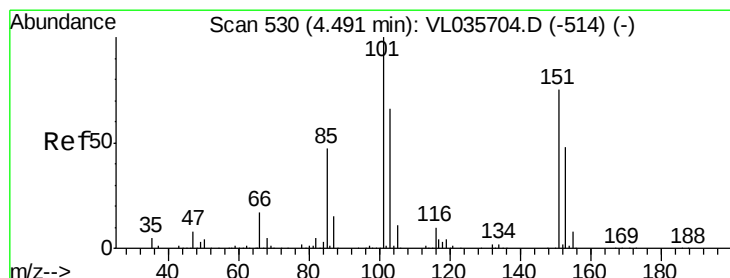
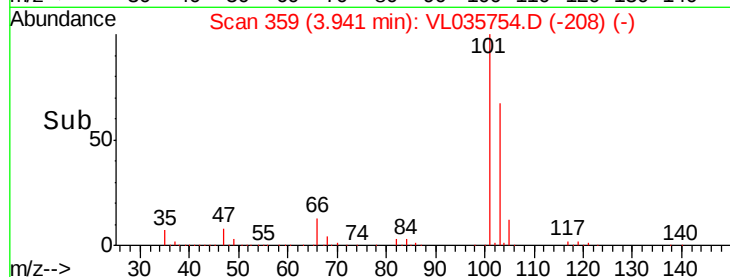
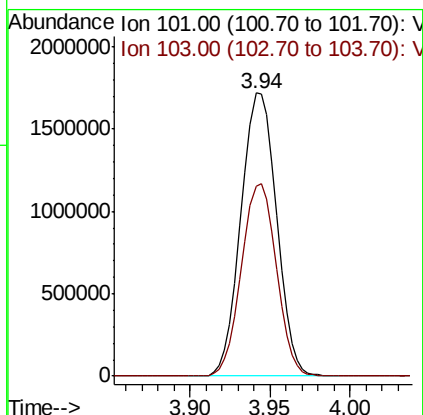
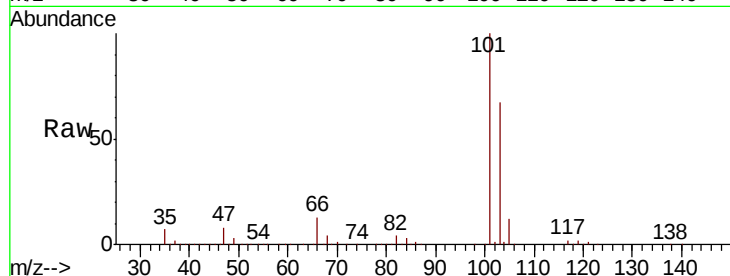




#11
 Trichlorofluoromethane
 Concen: 9.275 ppbv
 RT: 3.94 min Scan# 359
 Delta R.T. -0.01 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

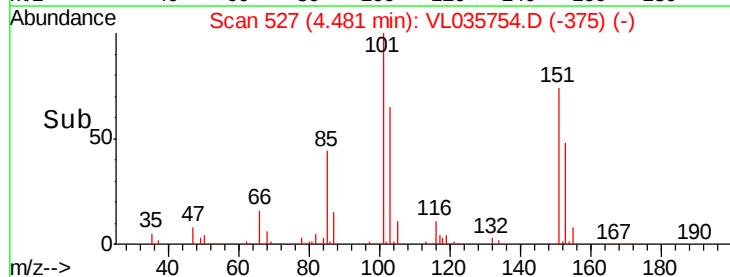
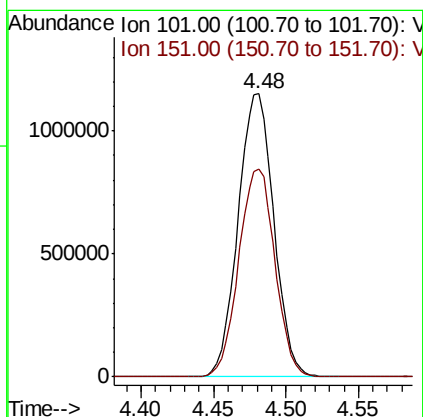
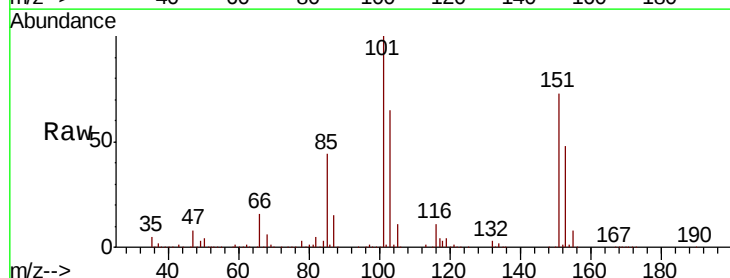
Instrument :
 MSVOA_L
 ClientSampleId :

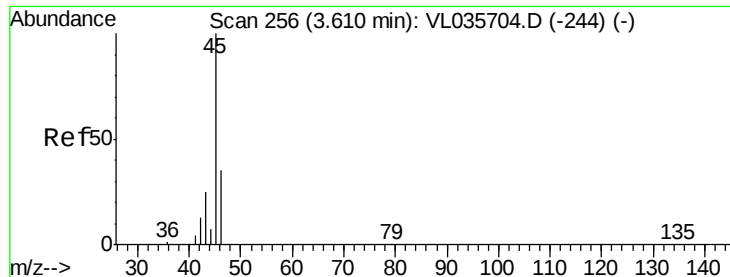
Tot Ion:101 Resp: 2608710
 Ion Ratio Lower Upper
 101 100
 103 67.3 55.6 83.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.413 ppbv
 RT: 4.48 min Scan# 527
 Delta R.T. -0.01 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Tgt Ion:101 Resp: 1973745
 Ion Ratio Lower Upper
 101 100
 151 74.4 59.1 88.7





#13

Ethanol

Concen: 9.355 ppbv

RT: 3.60 min Scan# 254

Delta R.T. -0.01 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

Instrument :

MSVOA_L

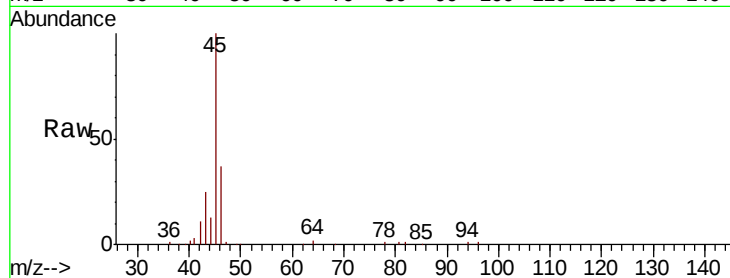
ClientSampleId :

Tot Ion: 45 Resp: 108267

Ion Ratio Lower Upper

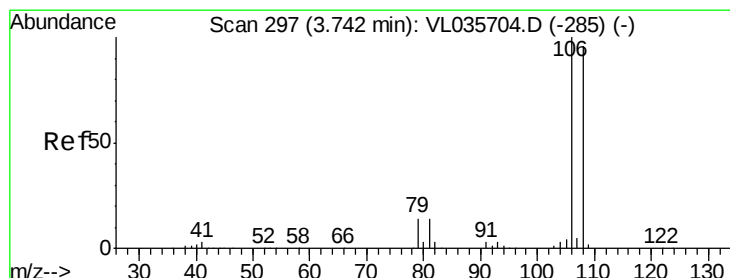
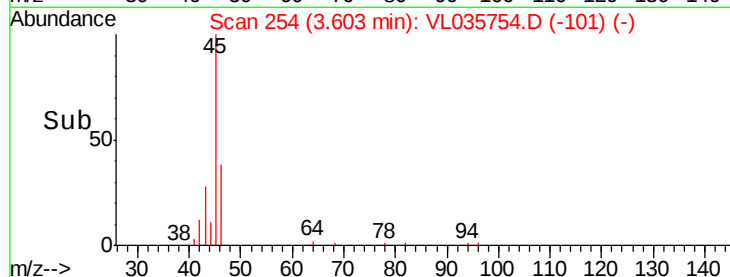
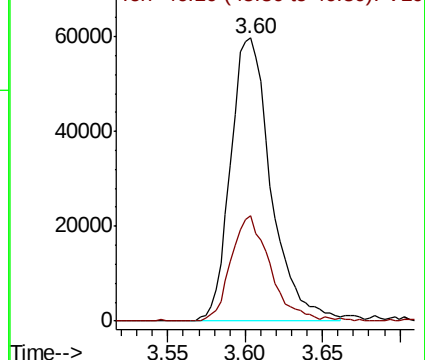
45 100

46 36.4 14.7 58.7



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0



#14

Bromoethene

Concen: 9.817 ppbv

RT: 3.73 min Scan# 294

Delta R.T. -0.01 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

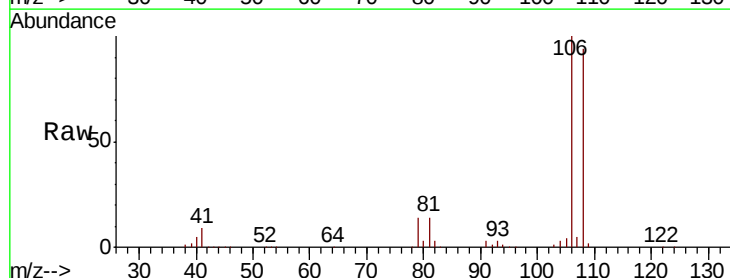
Tgt Ion:108 Resp: 867040

Ion Ratio Lower Upper

108 100

106 105.7 84.6 126.8

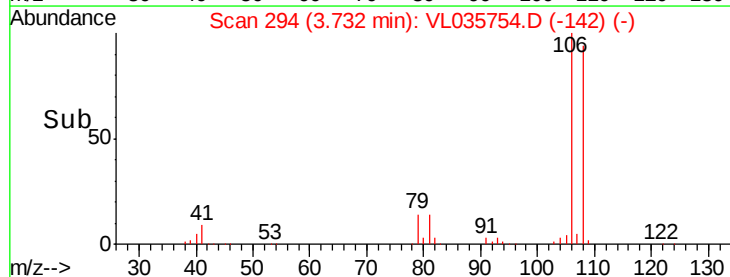
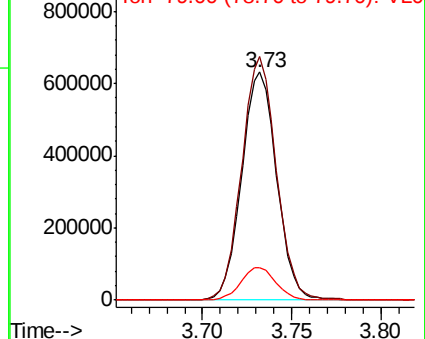
79 14.5 11.6 17.4

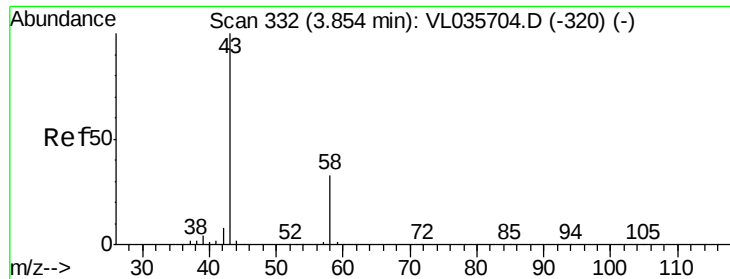


Abundance Ion 108.00 (107.70 to 108.70): V

Ion 106.00 (105.70 to 106.70): V

Ion 79.00 (78.70 to 79.70): VL0





#15

Acetone

Concen: 8.802 ppbv

RT: 3.84 min Scan# 329

Delta R.T. -0.01 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

Instrument :

MSVOA_L

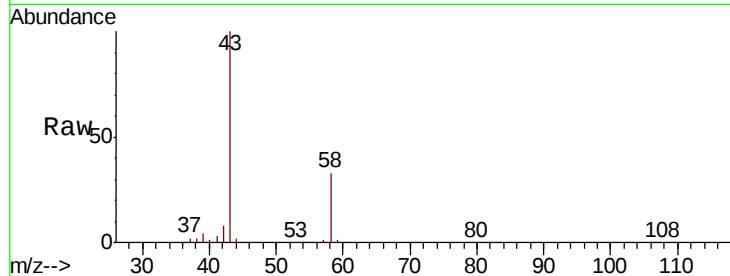
ClientSampleId :

Tot Ion: 43 Resp: 1137863

Ion Ratio Lower Upper

43 100

58 34.8 27.3 40.9



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.84

800000

600000

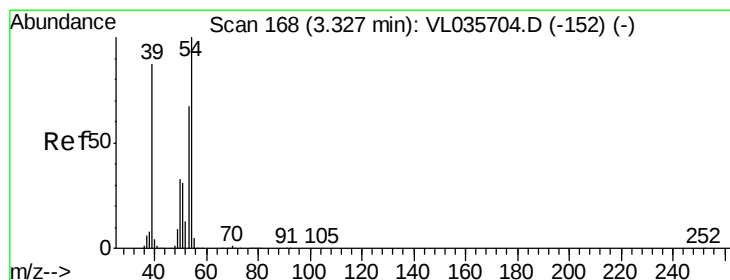
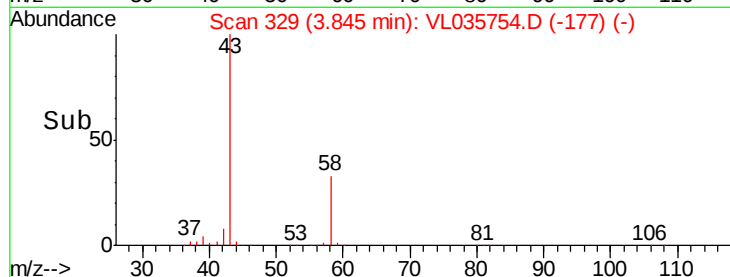
400000

200000

0

3.80 3.85 3.90

Time-->



#16

1,3-Butadiene

Concen: 10.288 ppbv

RT: 3.32 min Scan# 166

Delta R.T. -0.01 min

Lab File: VL035754.D

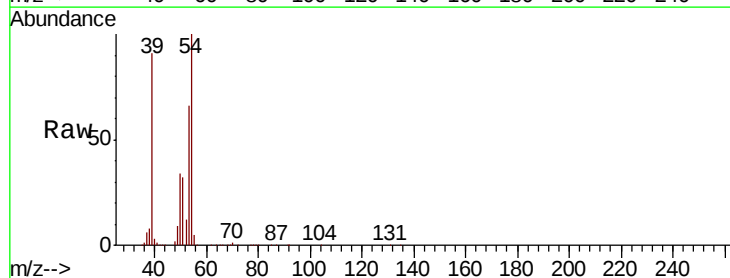
Acq: 8 Oct 2020 21:05

Tgt Ion: 39 Resp: 486551

Ion Ratio Lower Upper

39 100

54 107.5 87.4 131.0



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0

3.32

400000

300000

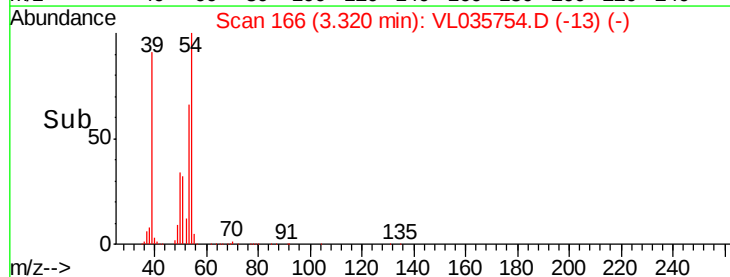
200000

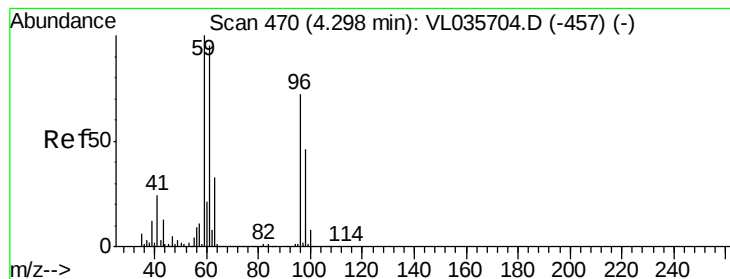
100000

0

3.25 3.30 3.35

Time-->



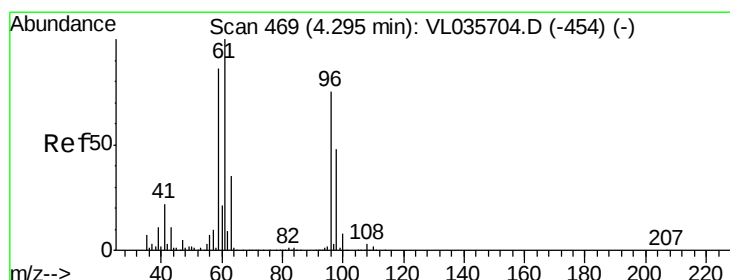
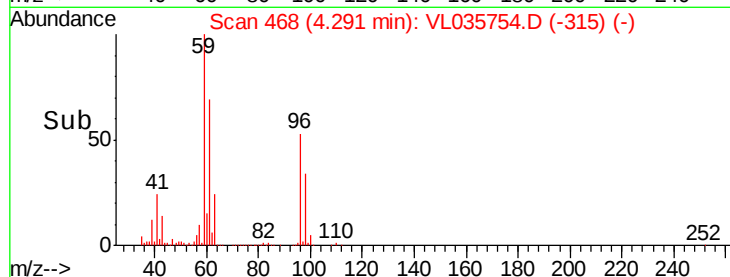
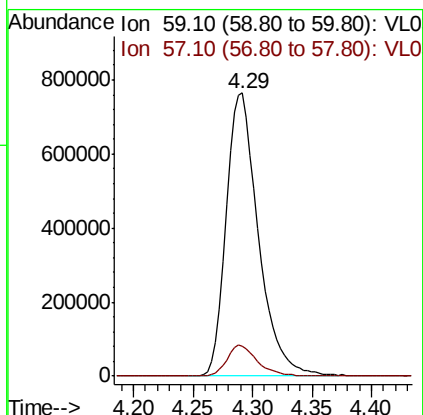
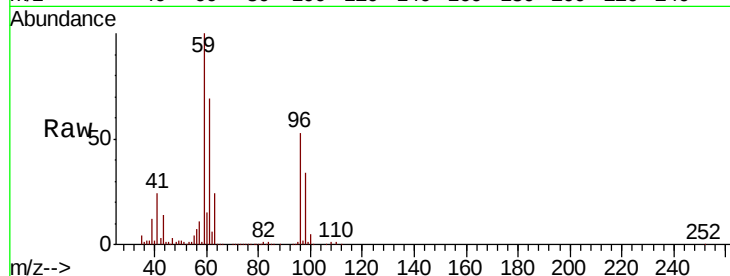


#17

tert-Butyl alcohol
 Concen: 10.170 ppbv
 RT: 4.29 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Instrument :
 MSVOA_L
 ClientSampleID :

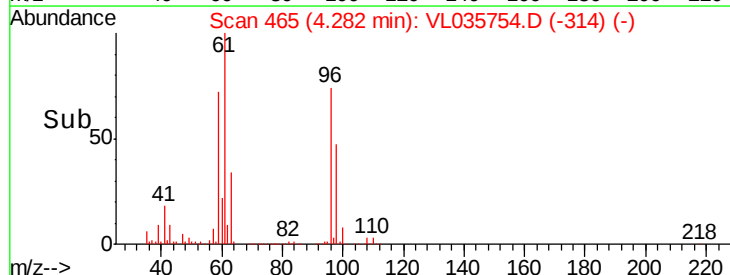
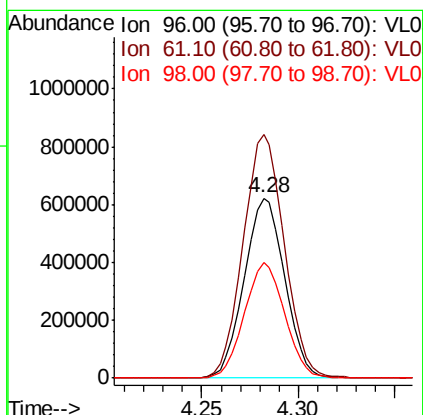
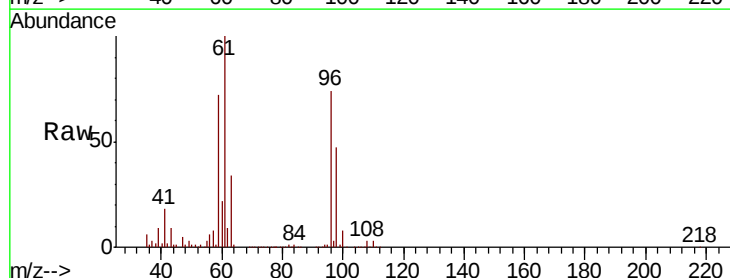
Tot Ion: 59 Resp: 1432059
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.5 12.7

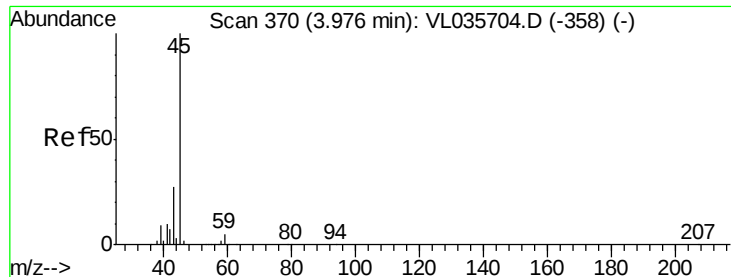


#18

1,1-Dichloroethene
 Concen: 9.922 ppbv
 RT: 4.28 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Tgt Ion: 96 Resp: 910853
 Ion Ratio Lower Upper
 96 100
 61 135.2 106.7 160.1
 98 64.0 50.8 76.2





#19

Isopropyl Alcohol

Concen: 10.050 ppbv

RT: 3.97 min Scan# 367

Delta R.T. -0.01 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

Instrument :

MSVOA_L

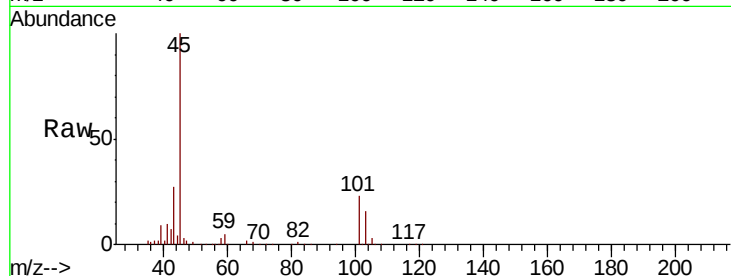
ClientSampleId :

Tot Ion: 45 Resp: 706745

Ion Ratio Lower Upper

45 100

58 3.2 2.8 4.2



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.97

400000

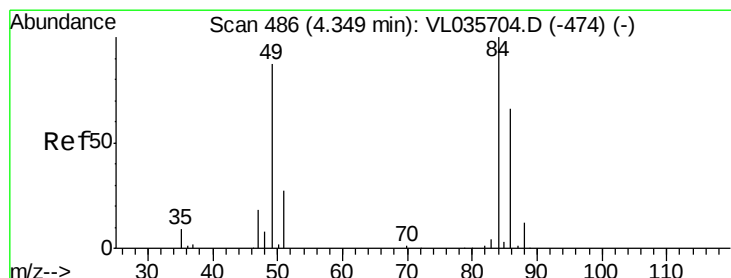
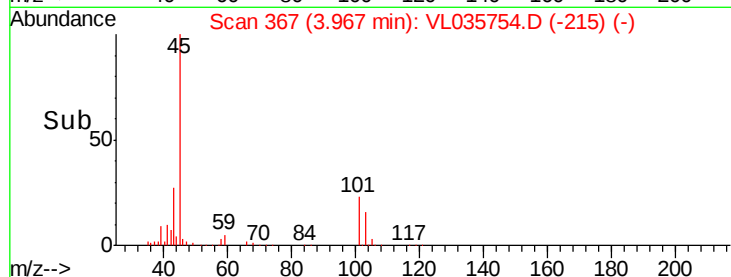
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 8.090 ppbv

RT: 4.34 min Scan# 482

Delta R.T. -0.01 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

Tgt Ion: 84 Resp: 768214

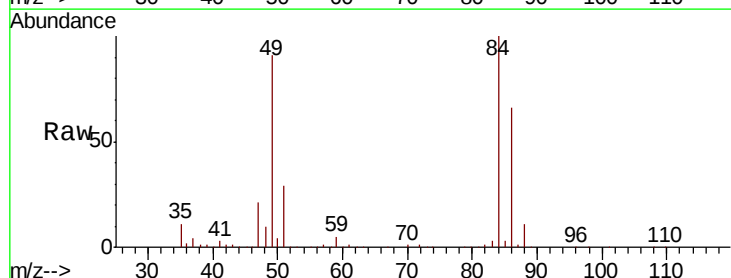
Ion Ratio Lower Upper

84 100

49 90.7 69.8 104.6

51 28.9 21.8 32.8

86 65.6 52.6 78.8



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

4.34

800000

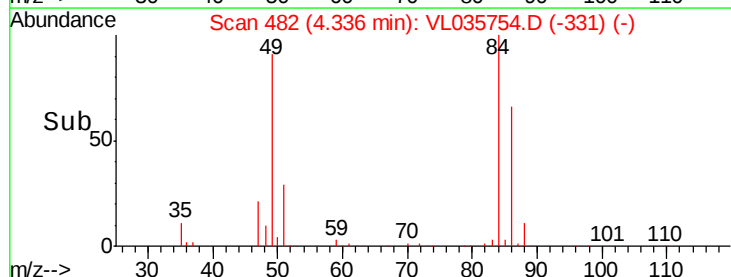
600000

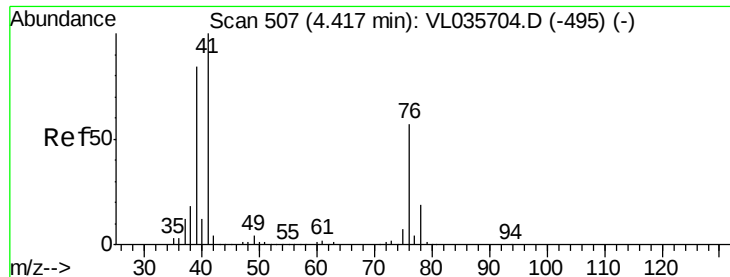
400000

200000

0

Time-->





#21

Allvl Chloride

Concen: 10.481 ppbv

RT: 4.41 min Scan# 504

Delta R.T. -0.01 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

Instrument :

MSVOA_L

ClientSampled :

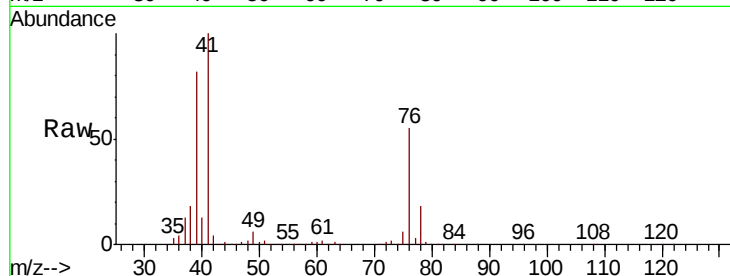
Tot Ion: 41 Resp: 656735

Ion Ratio Lower Upper

41 100

76 54.7 44.8 67.2

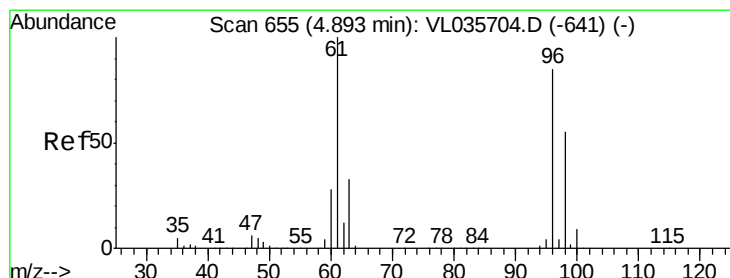
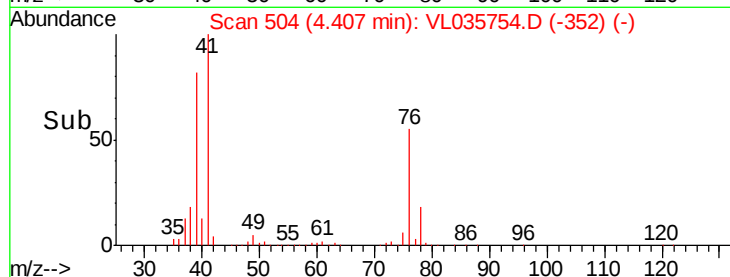
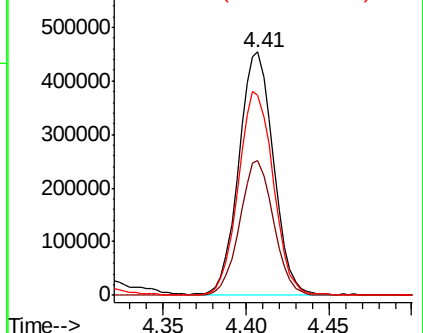
39 85.4 68.4 102.6



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 76.10 (75.80 to 76.80): VL0

Ion 39.10 (38.80 to 39.80): VL0



#22

trans-1,2-Dichloroethene

Concen: 9.804 ppbv

RT: 4.88 min Scan# 651

Delta R.T. -0.01 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

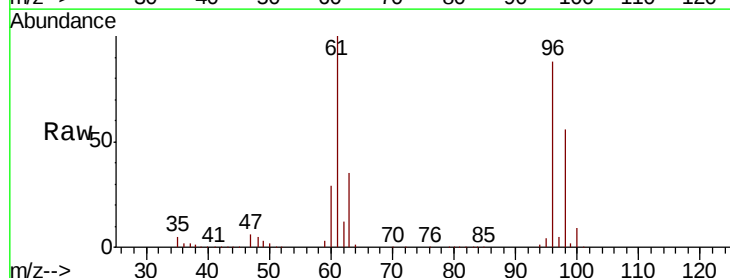
Tgt Ion: 96 Resp: 950902

Ion Ratio Lower Upper

96 100

61 113.8 93.7 140.5

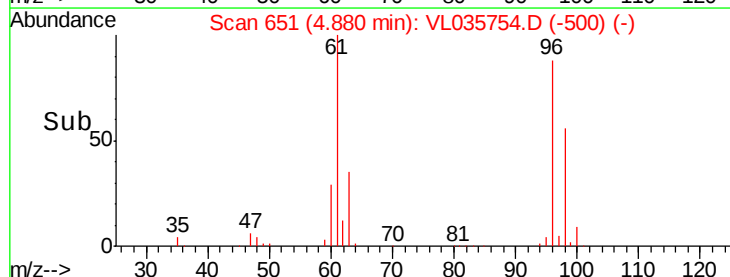
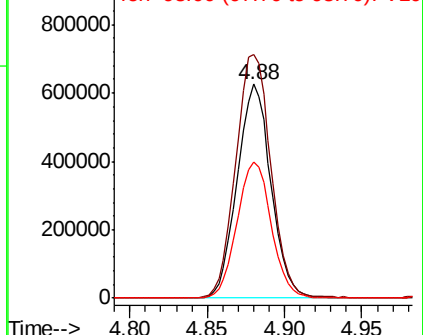
98 63.8 51.2 76.8

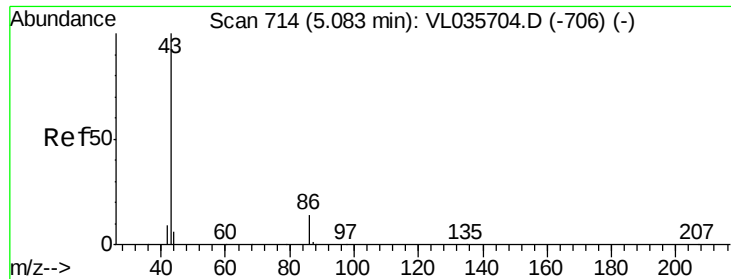


Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0





#23

Vinyl Acetate

Concen: 10.792 ppbv

RT: 5.07 min Scan# 710

Delta R.T. -0.01 min

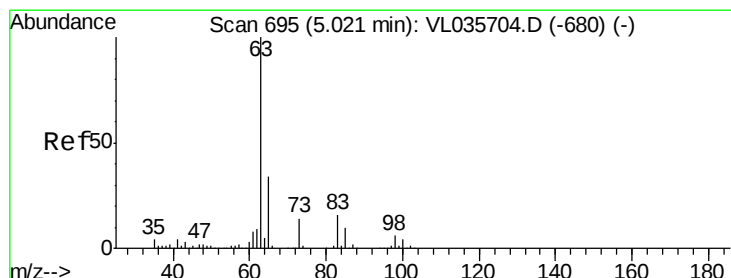
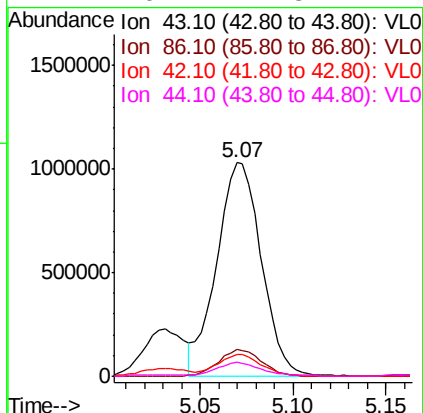
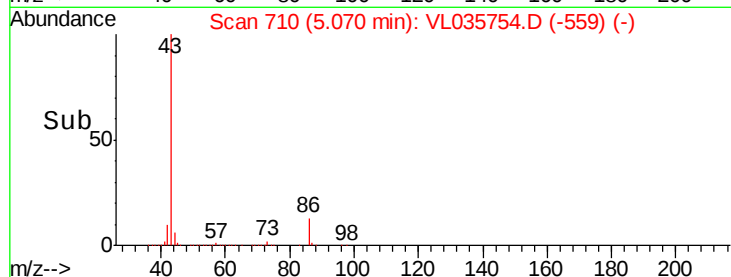
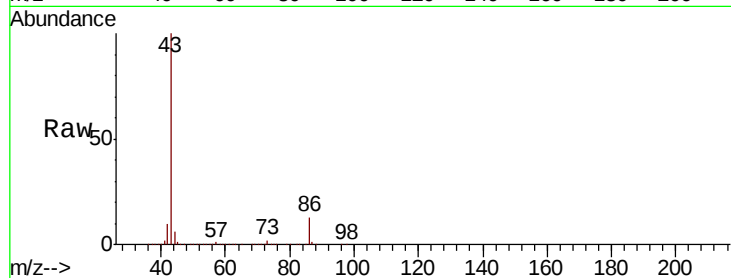
Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 1708875

Ion	Ratio	Lower	Upper
43	100		
86	12.5	9.7	14.5
42	9.9	7.9	11.9
44	6.2	4.8	7.2



#24

1,1-Dichloroethane

Concen: 9.506 ppbv

RT: 5.01 min Scan# 691

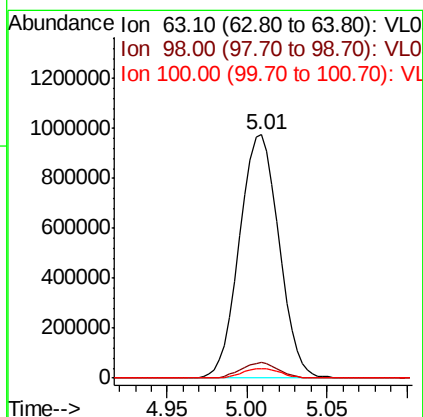
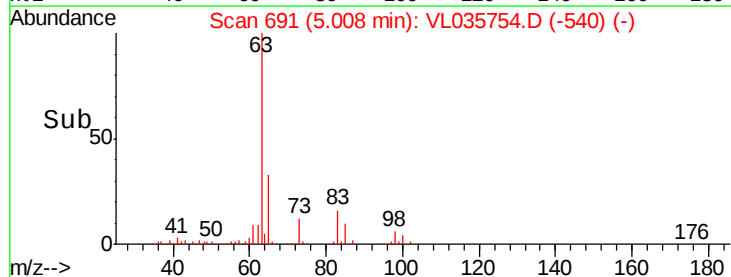
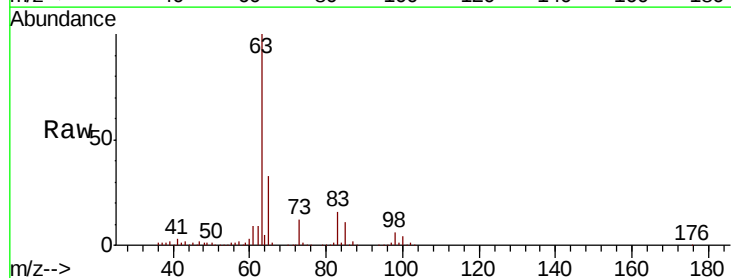
Delta R.T. -0.01 min

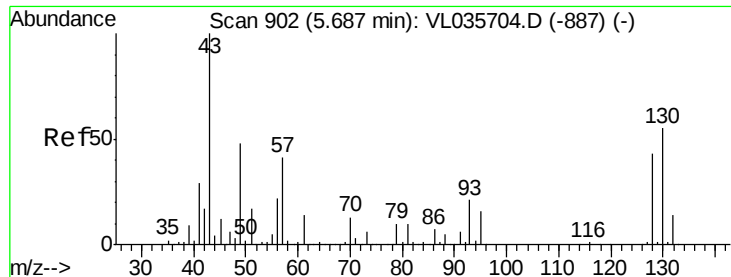
Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

Tgt Ion: 63 Resp: 1639472

Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.3	9.8
100	4.0	2.0	5.8



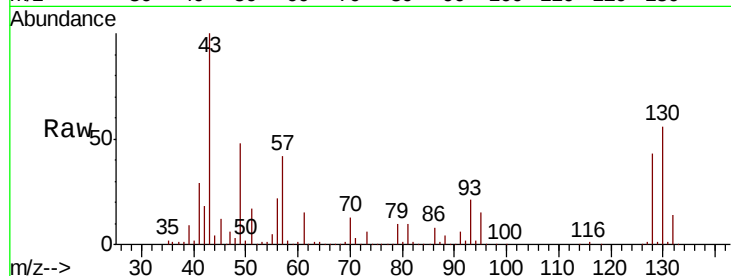


#25
Ethyl Acetate
Concen: 9.632 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.01 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 2240631

Ion	Ratio	Lower	Upper
43	100		
45	10.7	8.6	12.8
61	13.2	10.4	15.6
70	11.3	8.9	13.3



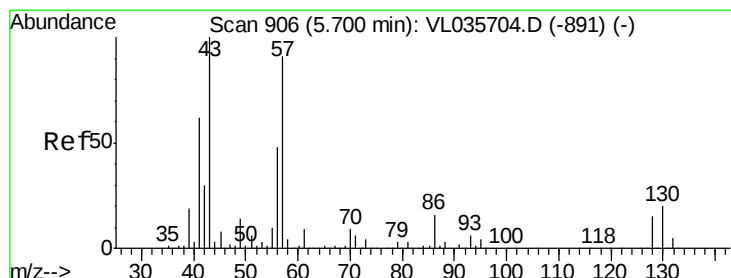
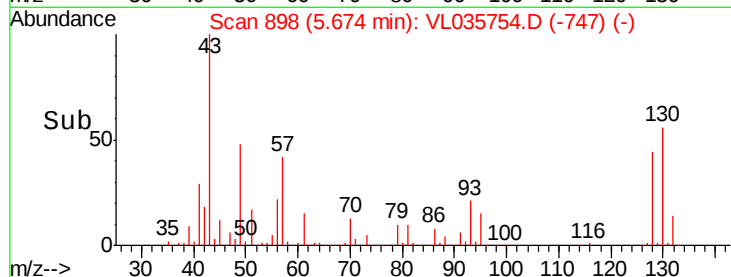
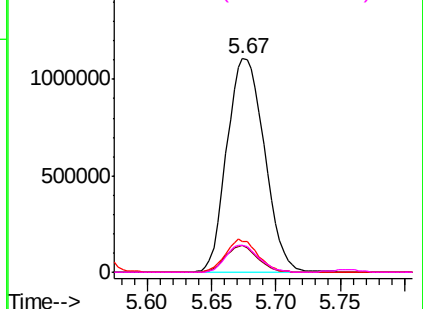
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

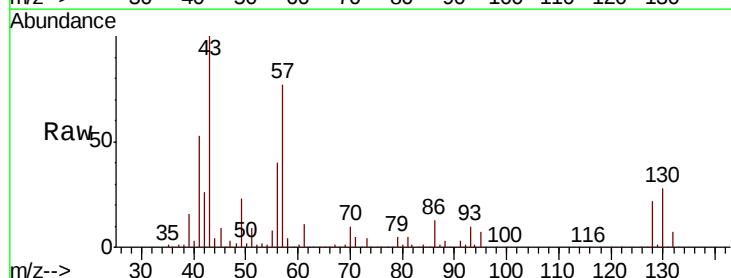
Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 9.757 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.02 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Tgt Ion: 57 Resp: 1243758

Ion	Ratio	Lower	Upper
57	100		
41	72.4	57.9	86.9
43	180.9	143.8	215.6
56	52.8	43.0	64.6



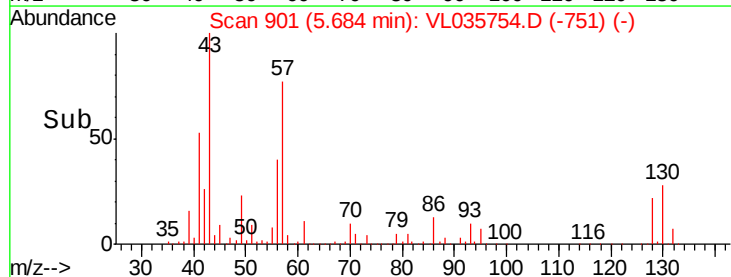
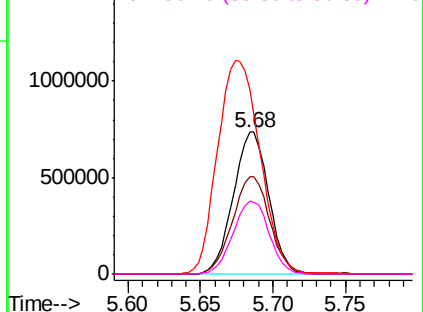
Abundance

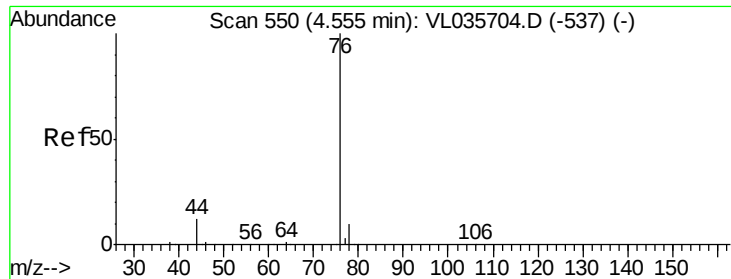
Ion 57.10 (56.80 to 57.80): VL0

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: 10.678 ppbv

RT: 4.54 min Scan# 546

Delta R.T. -0.01 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

Instrument :

MSVOA_L

ClientSampleId :

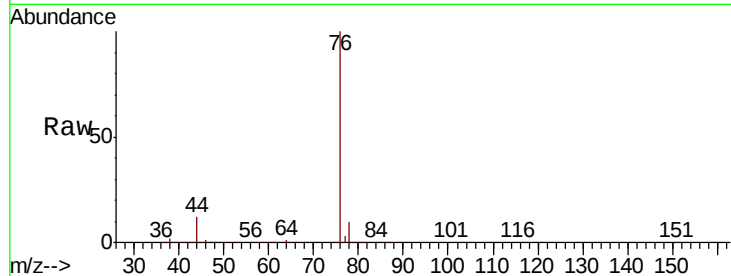
Tot Ion: 76 Resp: 2028842

Ion Ratio Lower Upper

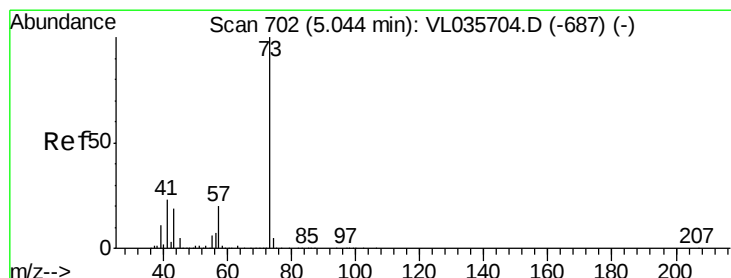
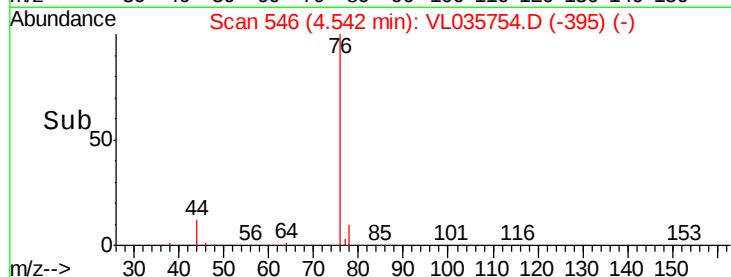
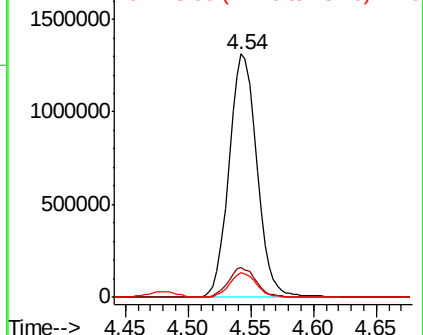
76 100

44 12.0 9.7 14.5

78 9.6 7.8 11.8



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: 10.590 ppbv

RT: 5.03 min Scan# 698

Delta R.T. -0.01 min

Lab File: VL035754.D

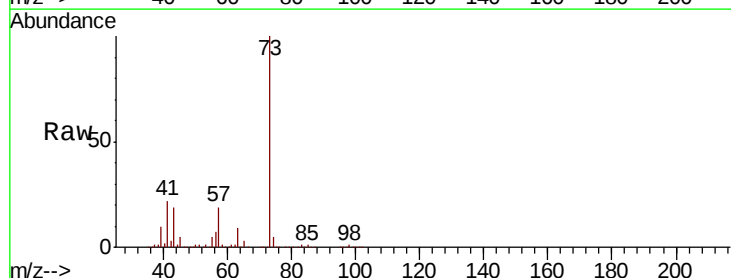
Acq: 8 Oct 2020 21:05

Tgt Ion: 73 Resp: 2139814

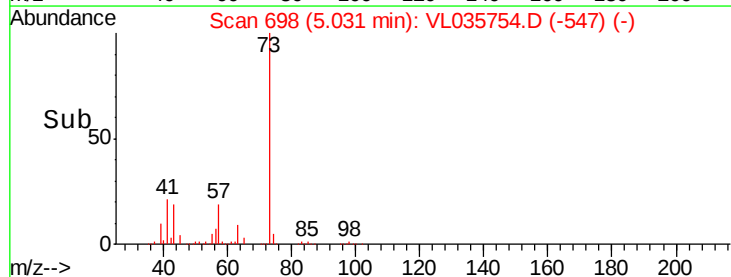
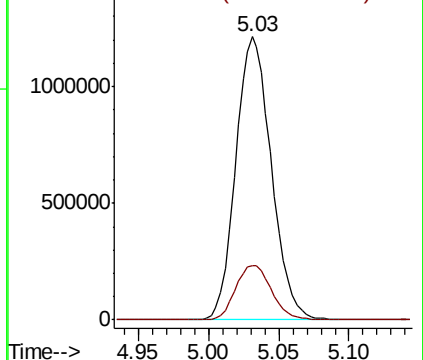
Ion Ratio Lower Upper

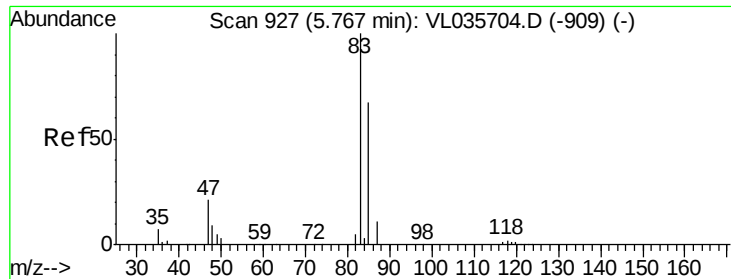
73 100

57 19.7 15.6 23.4



Abundance Ion 73.10 (72.80 to 73.80): VL0
Ion 57.10 (56.80 to 57.80): VL0

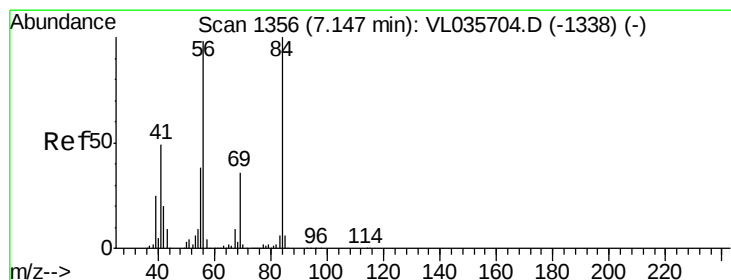
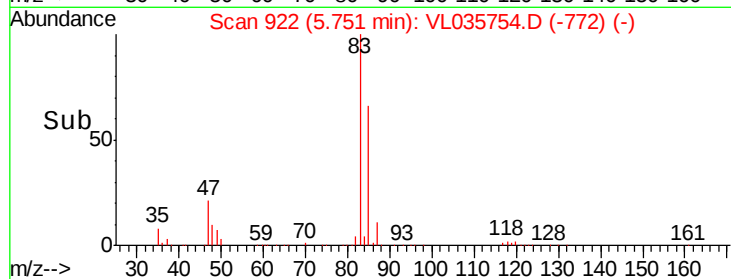
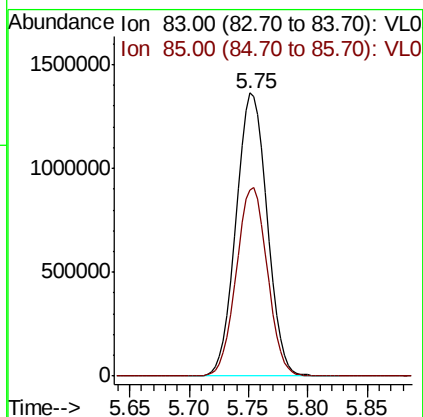
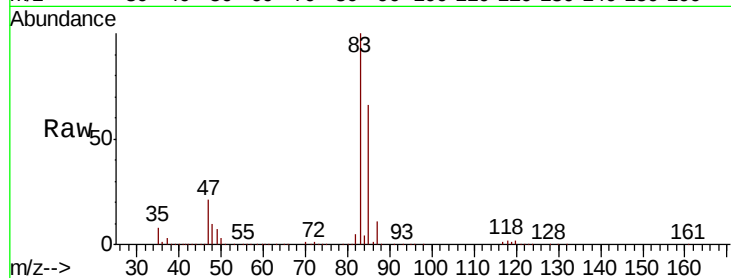




#29
Chloroform
Concen: 9.548 ppbv
RT: 5.75 min Scan# 922
Delta R.T. -0.02 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

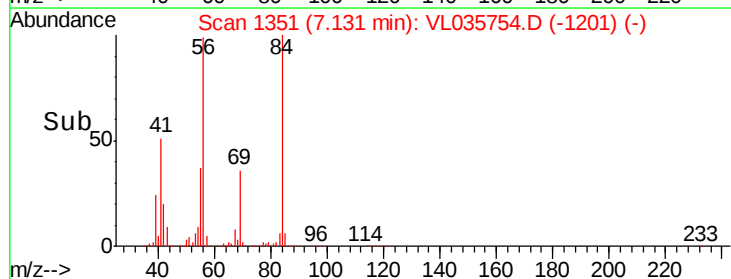
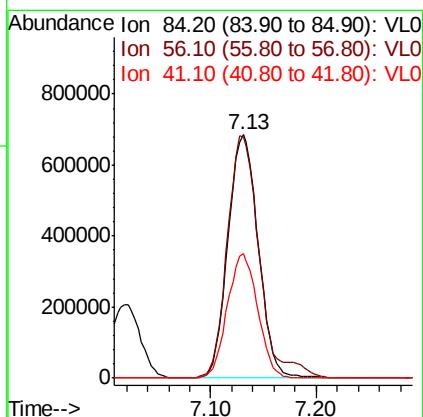
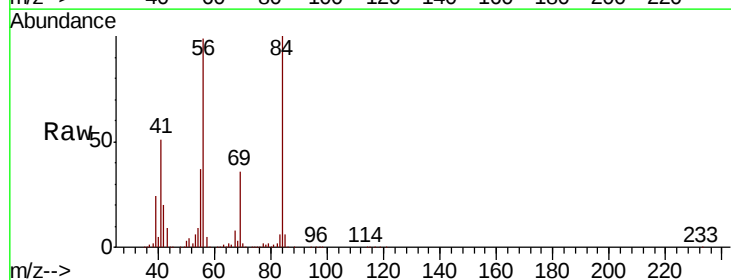
Instrument :
MSVOA_L
ClientSampled :

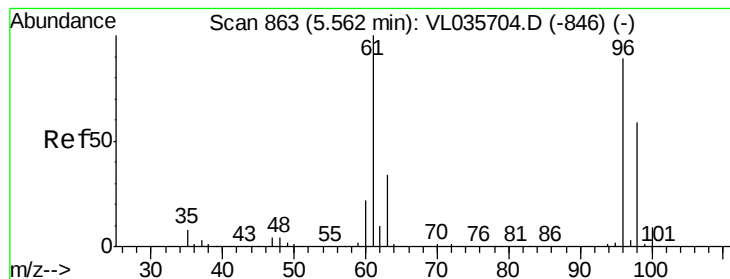
Tot Ion: 83 Resp: 2471569
Ion Ratio Lower Upper
83 100
85 65.6 54.0 81.0



#30
Cyclohexane
Concen: 10.815 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. -0.02 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Tgt Ion: 84 Resp: 1360191
Ion Ratio Lower Upper
84 100
56 105.4 84.6 127.0
41 51.3 41.1 61.7





#31

cis-1,2-Dichloroethene

Concen: 10.727 ppbv

RT: 5.55 min Scan# 859

Delta R.T. -0.01 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

Instrument :

MSVOA_L

ClientSampled :

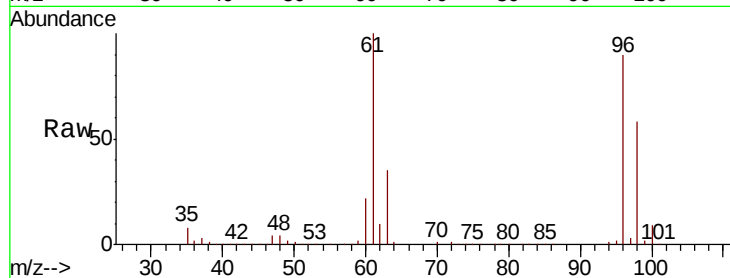
Tot Ion: 61 Resp: 1320021

Ion Ratio Lower Upper

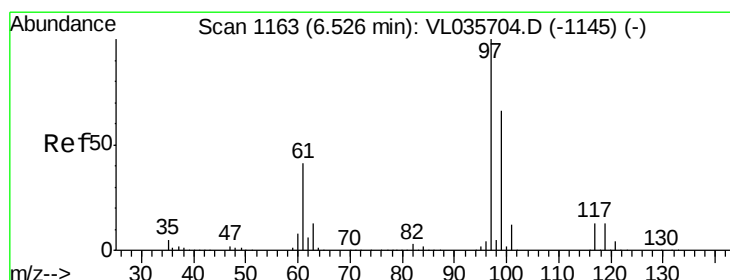
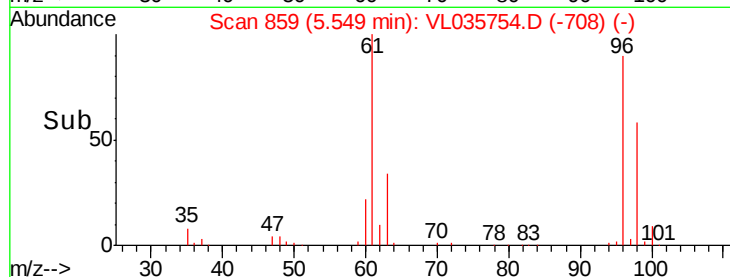
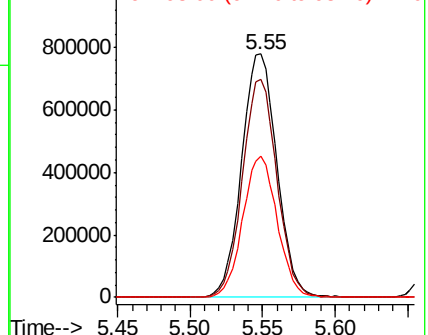
61 100

96 89.7 71.4 107.2

98 58.1 47.4 71.2



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: 10.525 ppbv

RT: 6.51 min Scan# 1158

Delta R.T. -0.02 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

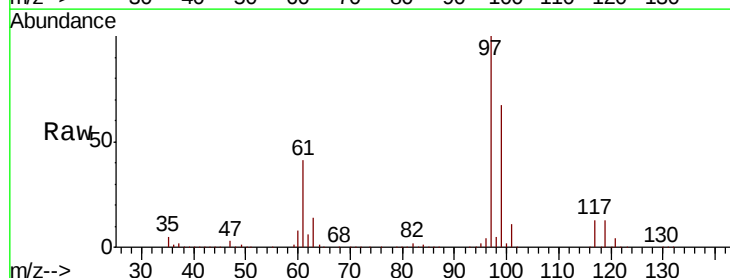
Tgt Ion: 97 Resp: 2401763

Ion Ratio Lower Upper

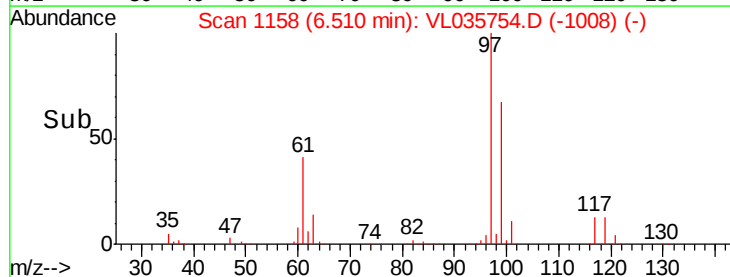
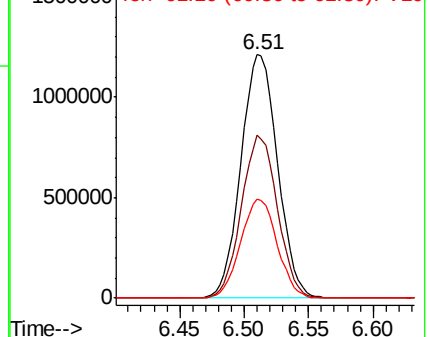
97 100

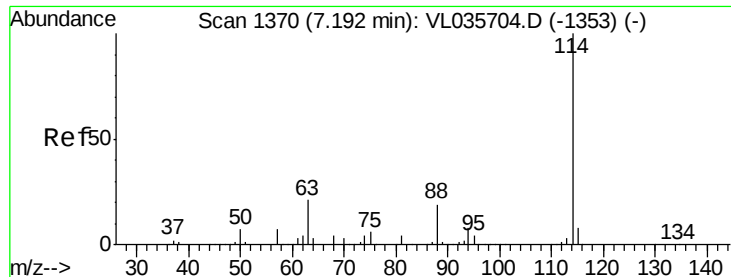
99 65.8 52.7 79.1

61 40.7 32.7 49.1



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

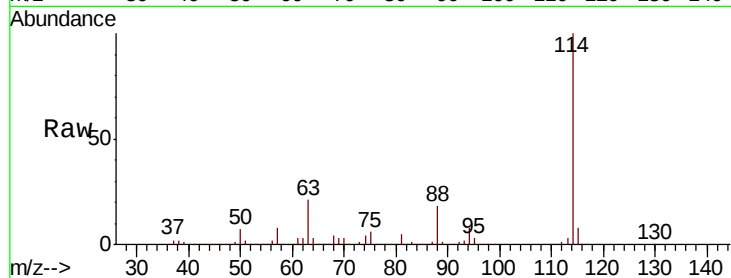




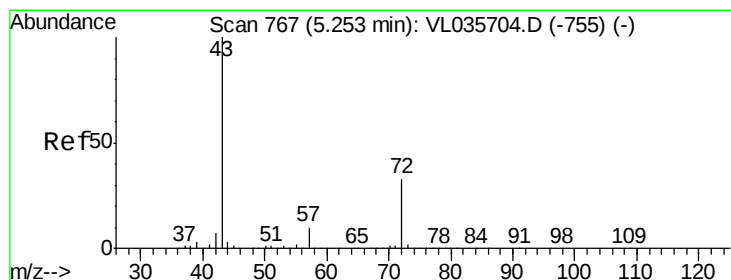
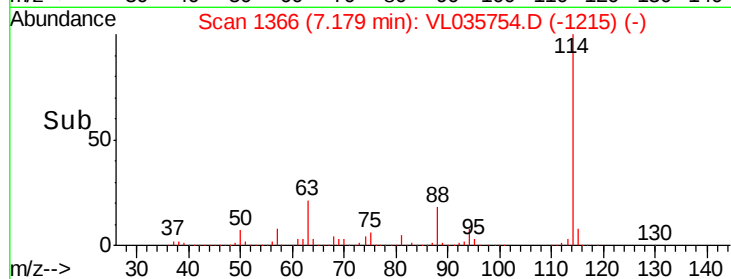
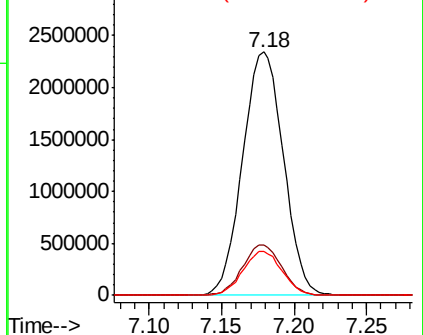
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:114 Resp: 4596726
 Ion Ratio Lower Upper
 114 100
 63 20.2 16.1 24.1
 88 17.4 14.1 21.1

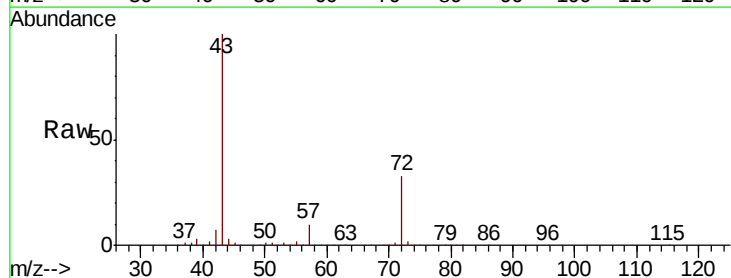


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

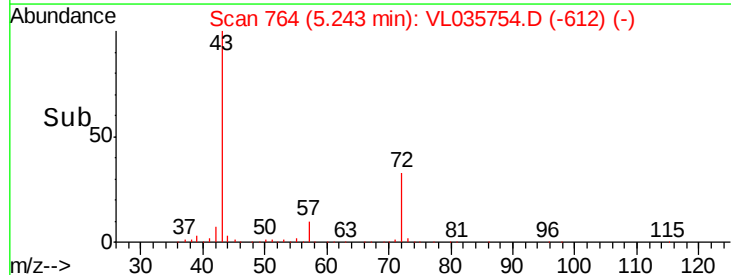
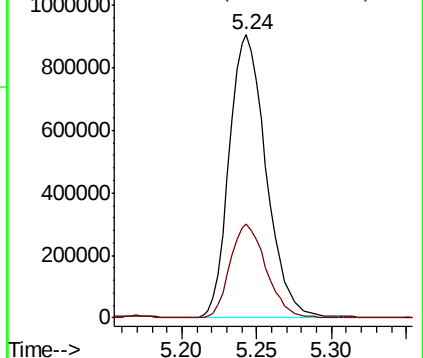


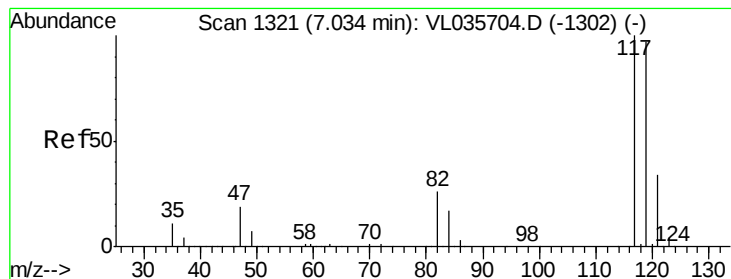
#34
 2-Butanone
 Concen: 10.171 ppbv
 RT: 5.24 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Tgt Ion: 43 Resp: 1546387
 Ion Ratio Lower Upper
 43 100
 72 32.9 26.1 39.1



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 10.298 ppbv

RT: 7.02 min Scan# 1316

Delta R.T. -0.02 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

Instrument :
MSVOA_L
ClientSampleId :

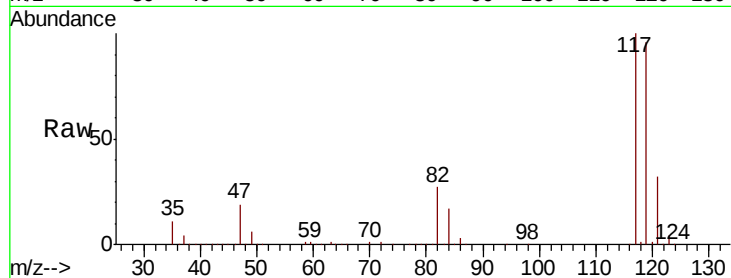
Tot Ion:117 Resp: 2467960

Ion Ratio Lower Upper

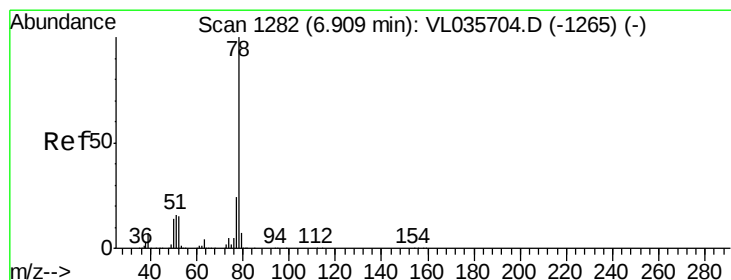
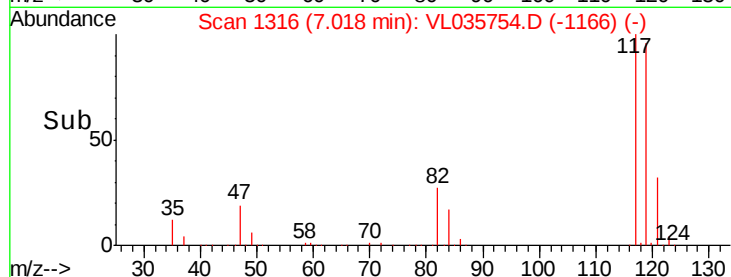
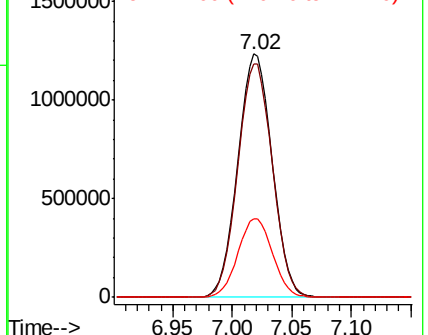
117 100

119 95.9 77.7 116.5

121 32.0 26.9 40.3



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



#36

Benzene

Concen: 10.468 ppbv

RT: 6.89 min Scan# 1277

Delta R.T. -0.02 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

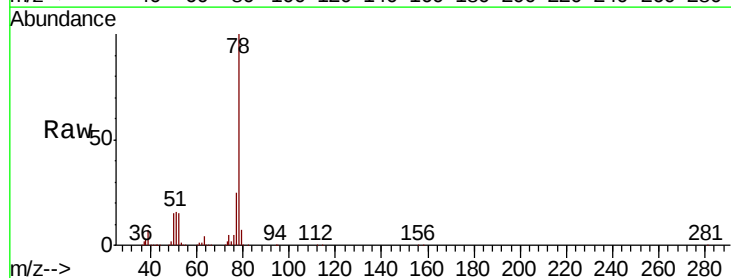
Tgt Ion: 78 Resp: 3135324

Ion Ratio Lower Upper

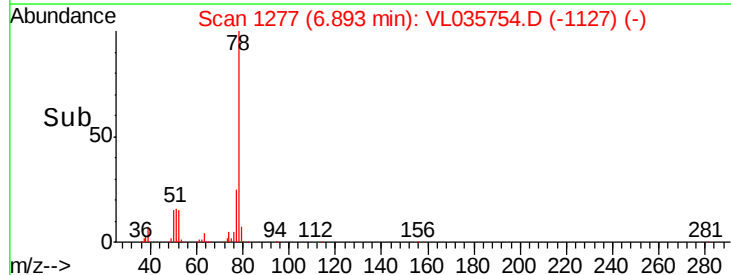
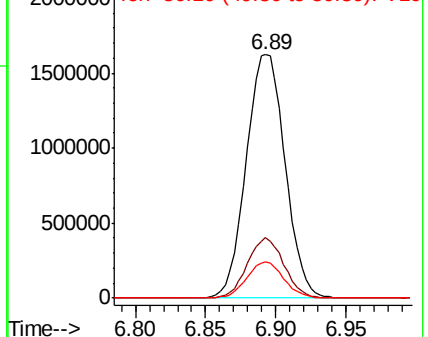
78 100

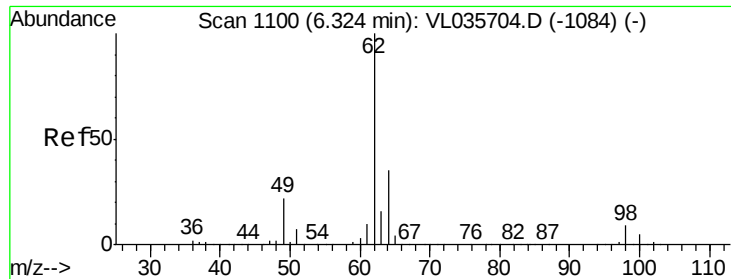
77 24.6 19.3 28.9

50 14.7 11.6 17.4



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

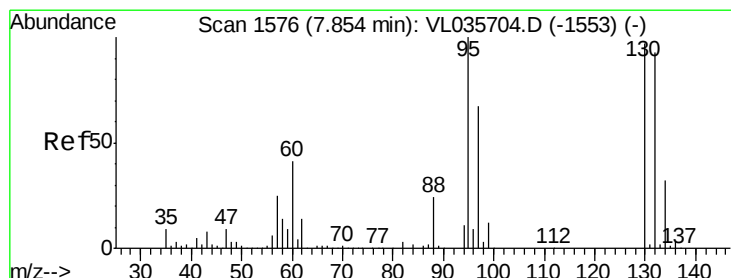
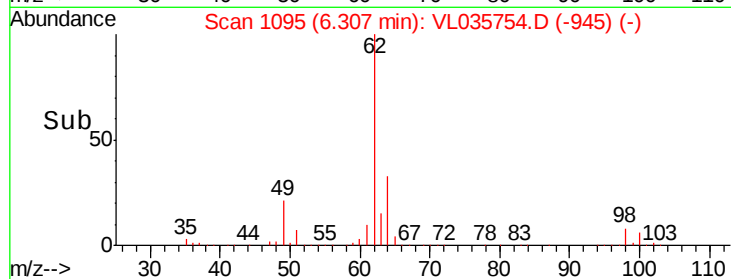
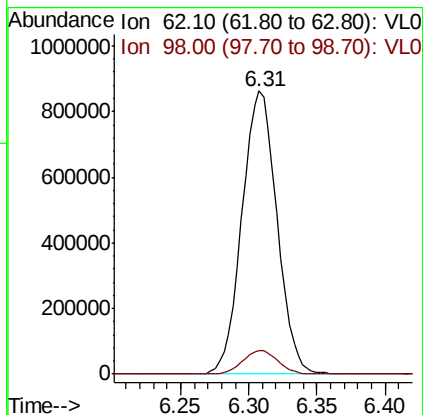
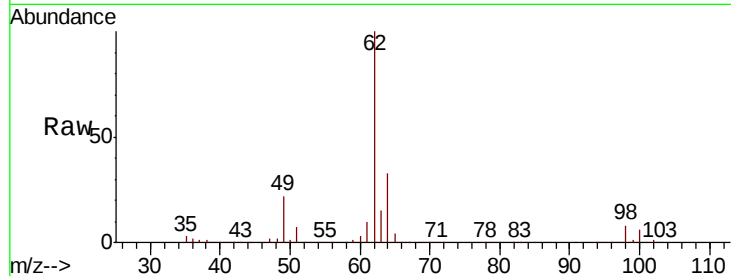




#37
 1,2-Dichloroethane
 Concen: 9.842 ppbv
 RT: 6.31 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

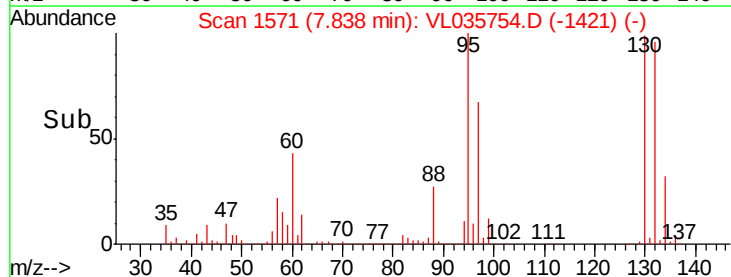
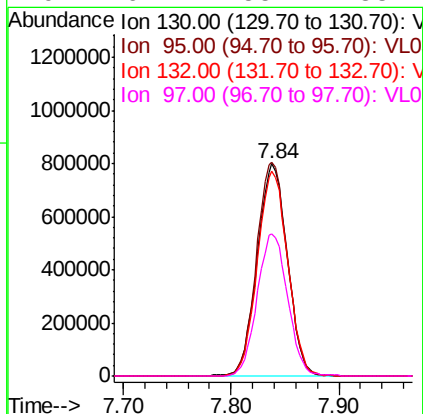
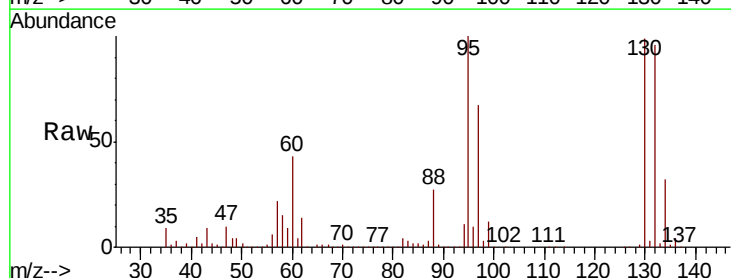
Instrument :
 MSVOA_L
 ClientSampleId :

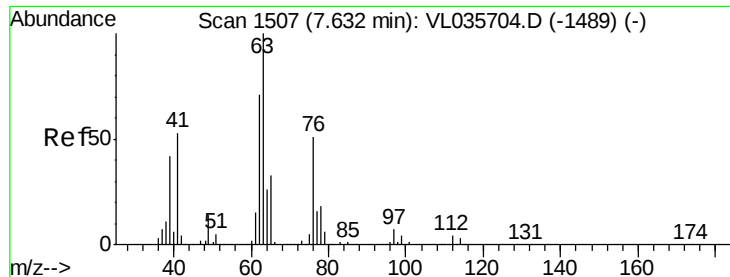
Tot Ion: 62 Resp: 1536426
 Ion Ratio Lower Upper
 62 100
 98 8.4 6.9 10.3



#38
 Trichloroethene
 Concen: 10.365 ppbv
 RT: 7.84 min Scan# 1571
 Delta R.T. -0.02 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Tgt Ion: 130 Resp: 1548775
 Ion Ratio Lower Upper
 130 100
 95 100.6 82.4 123.6
 132 96.6 76.8 115.2
 97 67.1 55.4 83.2



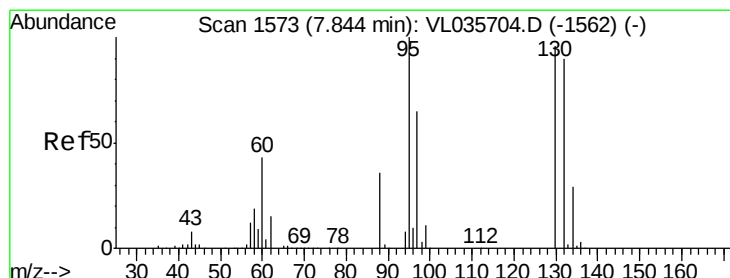
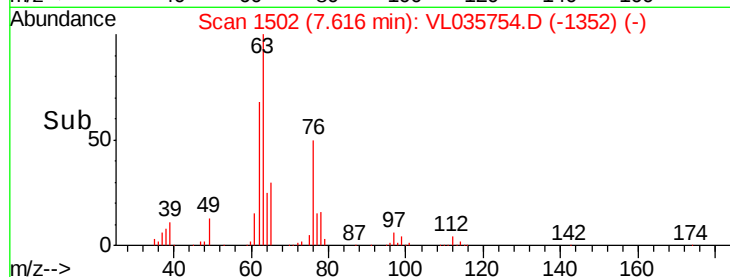
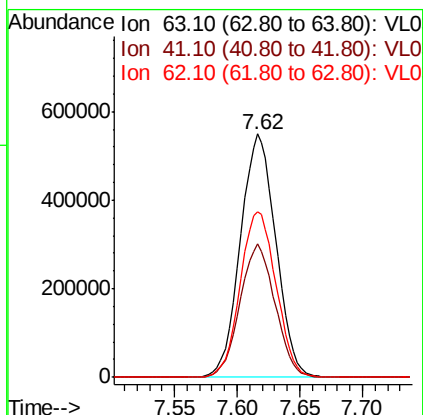
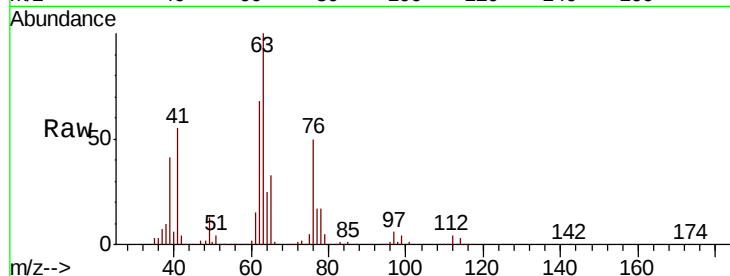


#39
 1,2-Dichloropropane
 Concen: 9.928 ppbv
 RT: 7.62 min Scan# 1502
 Delta R.T. -0.02 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 63 Resp: 1077865

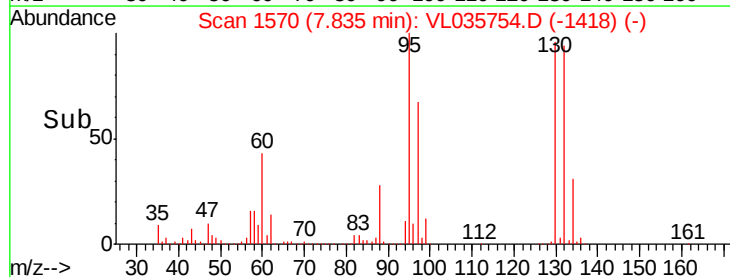
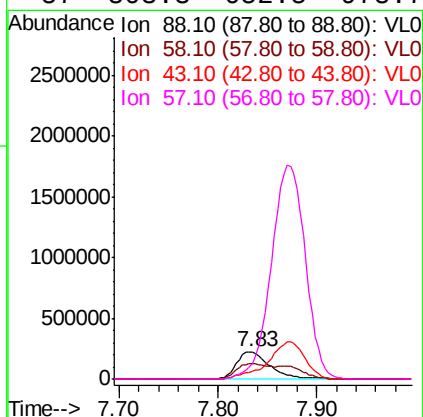
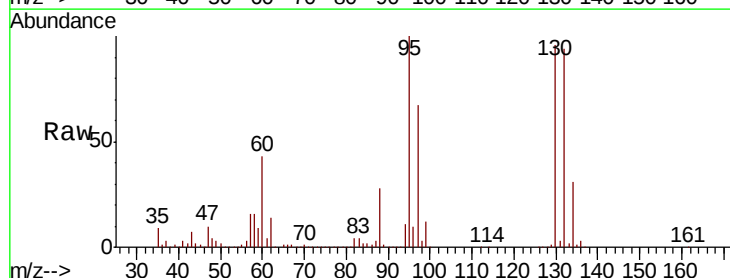
Ion	Ratio	Lower	Upper
63	100		
41	54.8	42.6	63.8
62	67.8	56.5	84.7

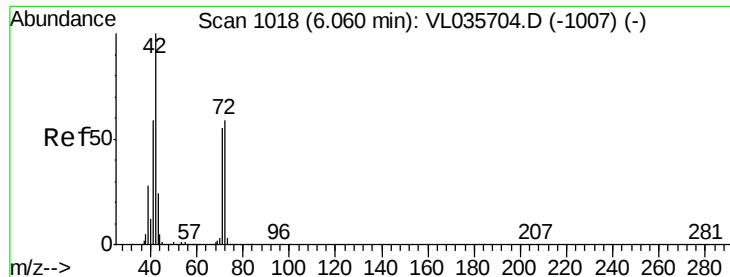


#40
 1,4-Dioxane
 Concen: 10.590 ppbv
 RT: 7.83 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Tgt Ion: 88 Resp: 525773

Ion	Ratio	Lower	Upper
88	100		
58	93.9	76.2	114.4
43	150.8	123.4	185.2
57	803.3	652.5	978.7

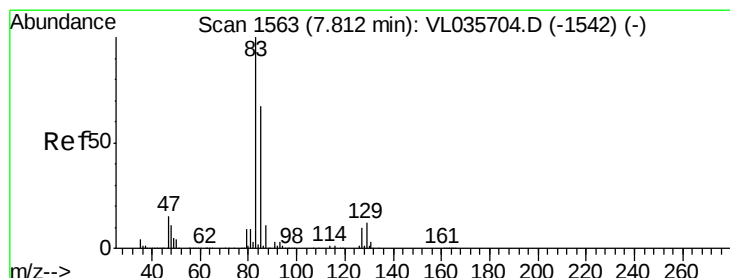
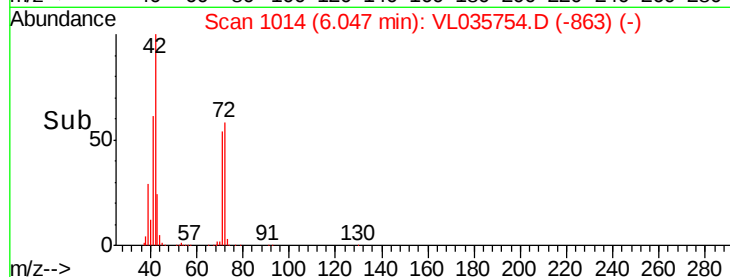
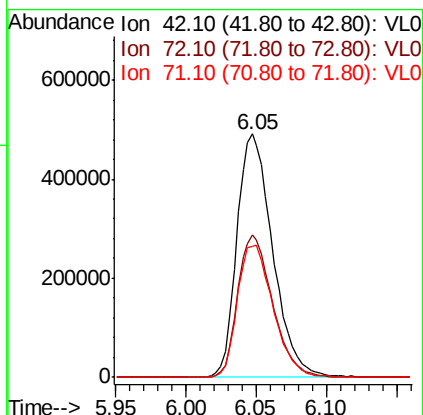
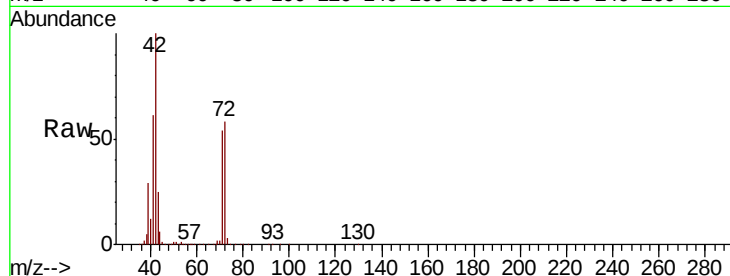




#41
Tetrahydrofuran
Concen: 11.366 ppbv
RT: 6.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

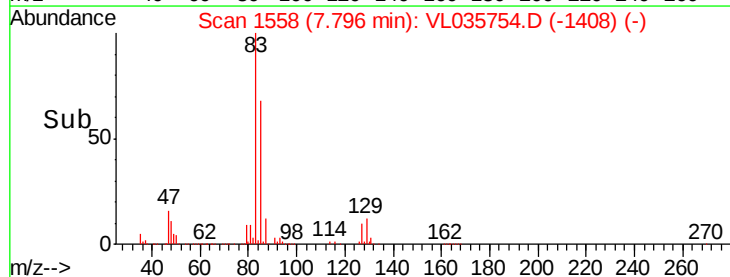
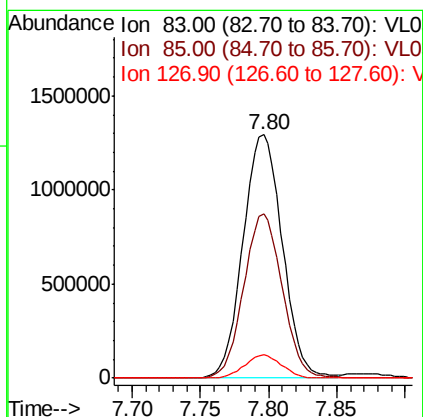
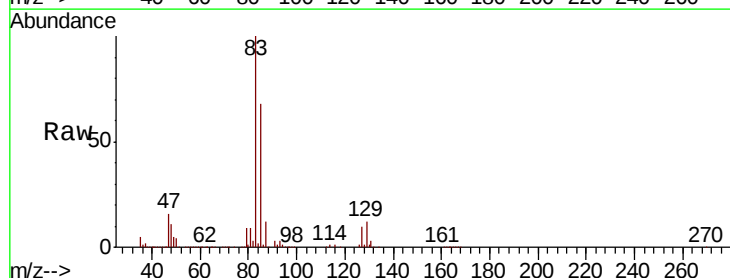
Instrument :
MSVOA_L
ClientSampleId :

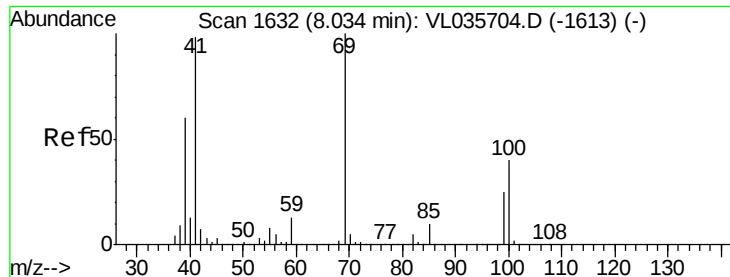
Tot Ion: 42 Resp: 870584
Ion Ratio Lower Upper
42 100
72 57.5 46.2 69.4
71 55.0 44.2 66.4



#42
Bromodichloromethane
Concen: 10.316 ppbv
RT: 7.80 min Scan# 1558
Delta R.T. -0.02 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Tgt Ion: 83 Resp: 2594144
Ion Ratio Lower Upper
83 100
85 67.6 53.4 80.0
127 9.5 7.8 11.6

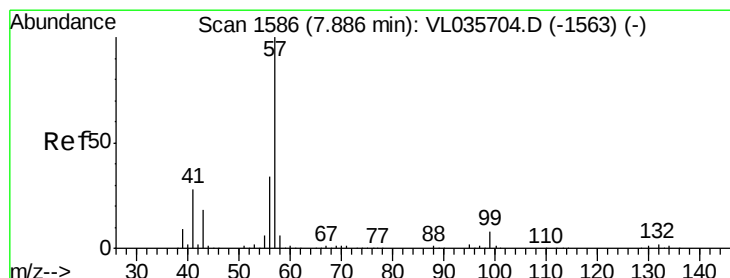
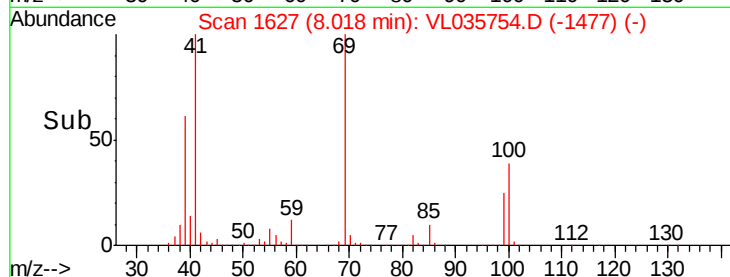
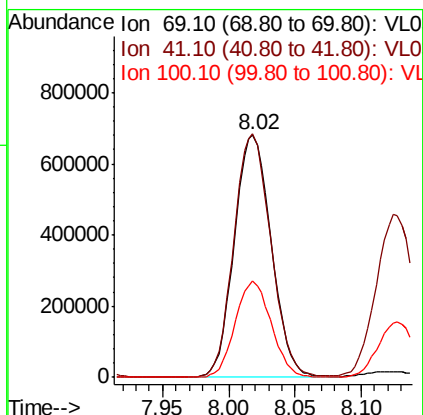
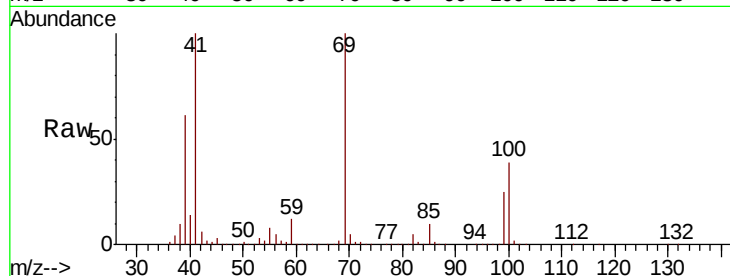




#43
Methyl Methacrylate
Concen: 11.060 ppbv
RT: 8.02 min Scan# 1627
Delta R.T. -0.02 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

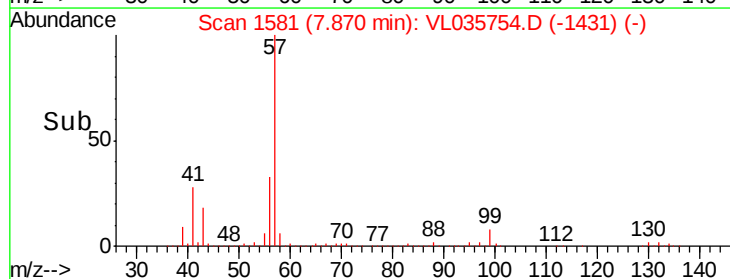
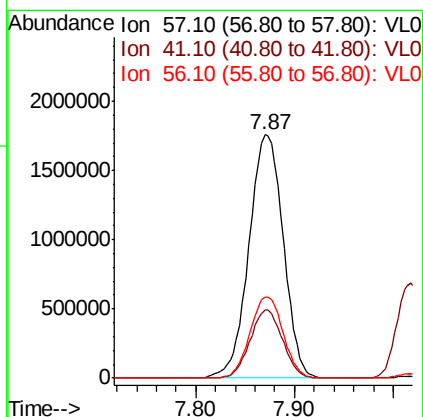
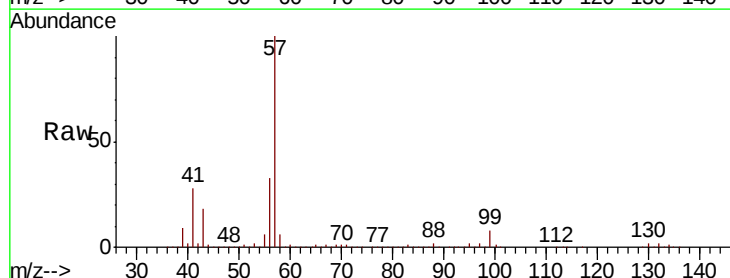
Instrument :
MSVOA_L
ClientSampleId :

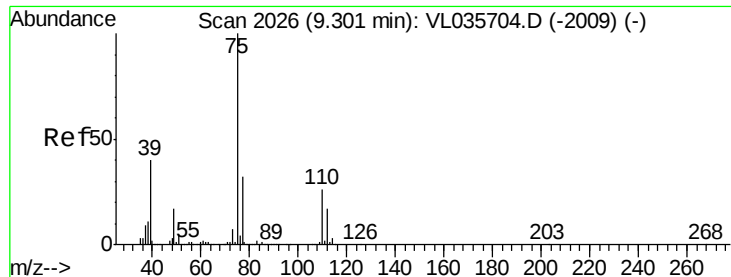
Tot Ion: 69 Resp: 1317506
Ion Ratio Lower Upper
69 100
41 100.8 79.8 119.6
100 38.8 30.6 46.0



#44
2,2,4-Trimethylpentane
Concen: 9.821 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. -0.02 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Tgt Ion: 57 Resp: 4221290
Ion Ratio Lower Upper
57 100
41 26.6 21.2 31.8
56 32.1 25.8 38.8





#45

t-1,3-Dichloropropene

Concen: 12.487 ppbv

RT: 9.28 min Scan# 2021

Delta R.T. -0.02 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

Instrument :

MSVOA_L

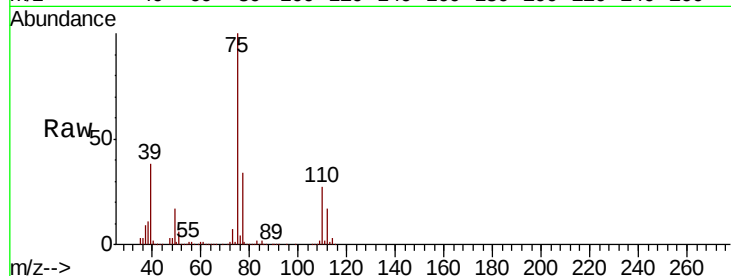
ClientSampleId :

Tot Ion: 75 Resp: 1501802

Ion Ratio Lower Upper

75 100

77 33.9 25.9 38.9



Abundance Ion 75.10 (74.80 to 75.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

800000

600000

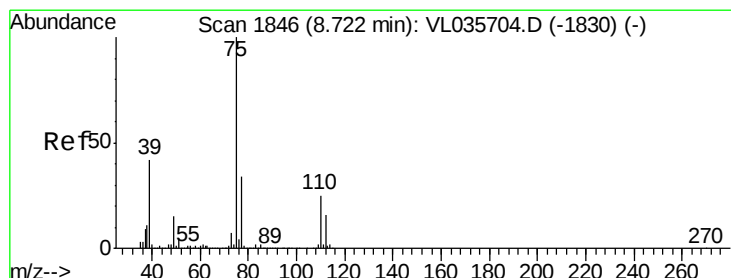
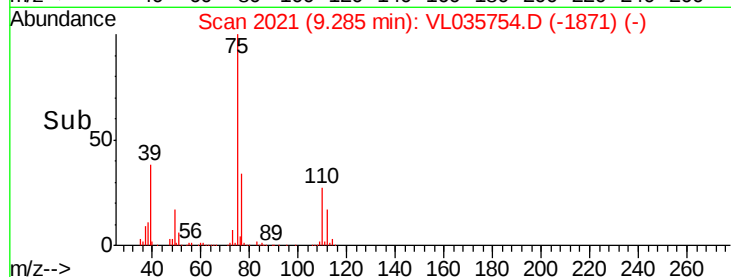
400000

200000

0

9.20 9.25 9.30 9.35

Time-->



#46

cis-1,3-Dichloropropene

Concen: 11.970 ppbv

RT: 8.71 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

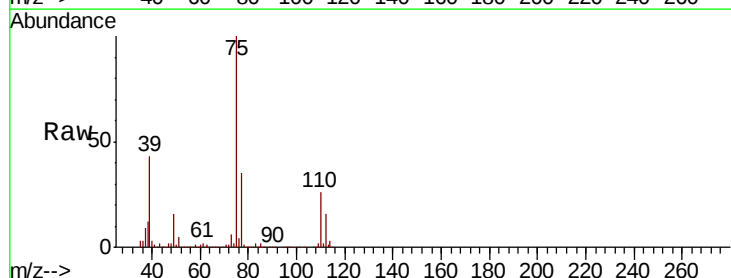
Tgt Ion: 75 Resp: 1774551

Ion Ratio Lower Upper

75 100

39 43.5 33.9 50.9

77 34.7 27.4 41.0



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

1200000

1000000

800000

600000

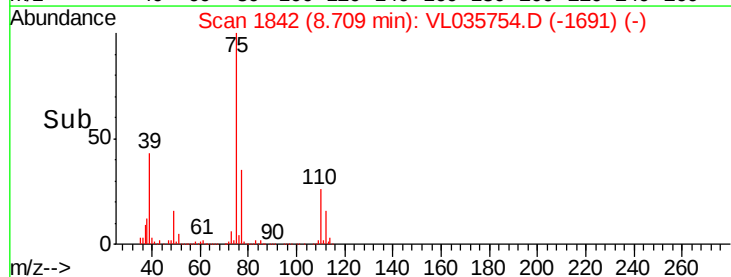
400000

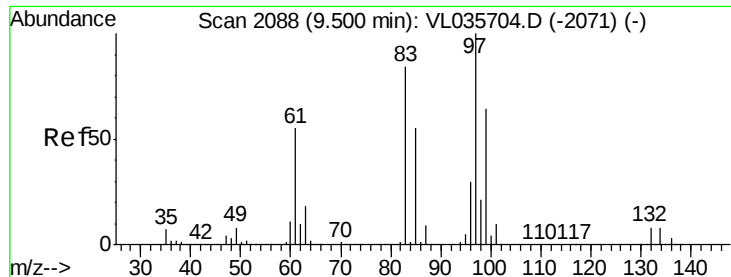
200000

0

8.60 8.65 8.70 8.75 8.80

Time-->



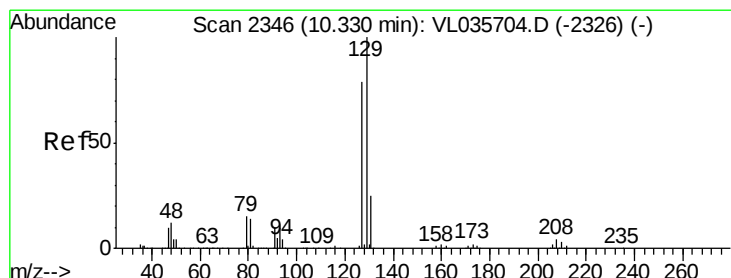
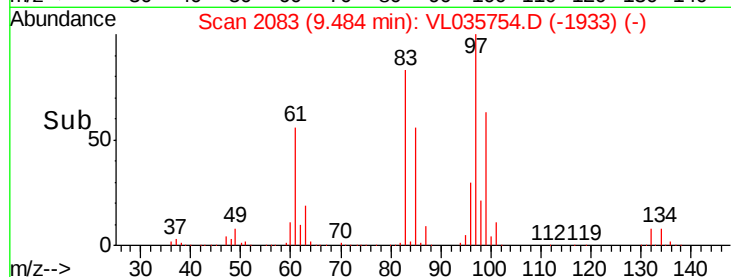
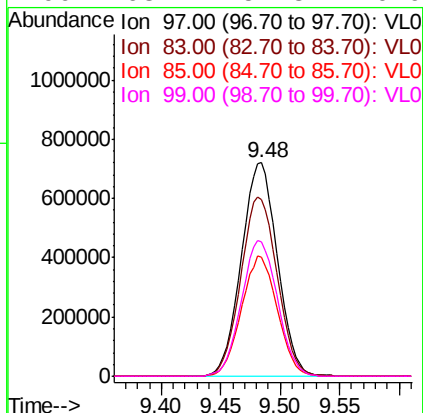
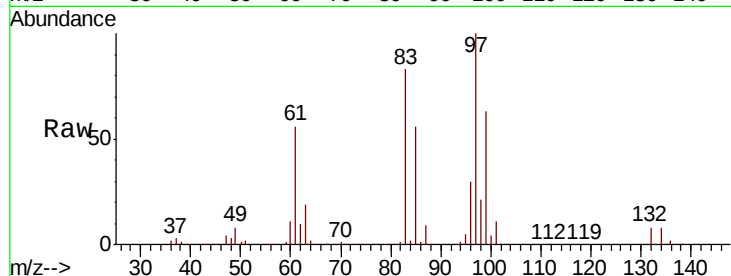


#47
 1,1,2-Trichloroethane
 Concen: 9.754 ppbv
 RT: 9.48 min Scan# 2083
 Delta R.T. -0.02 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 97 Resp: 1516753

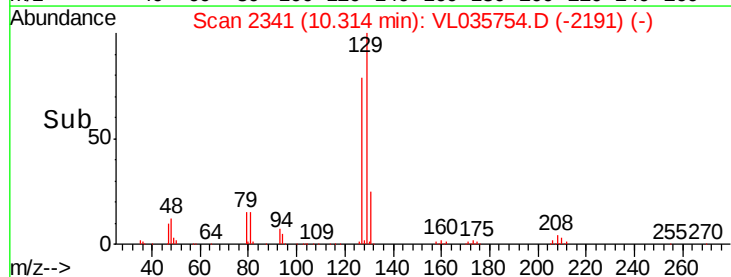
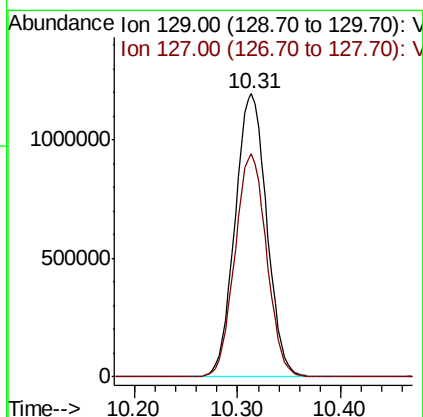
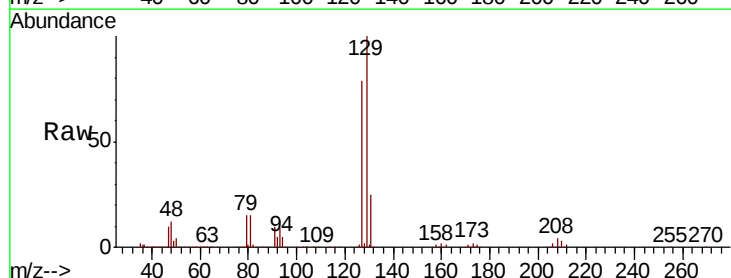
Ion	Ratio	Lower	Upper
97	100		
83	82.9	67.1	100.7
85	55.9	43.9	65.9
99	63.1	51.3	76.9

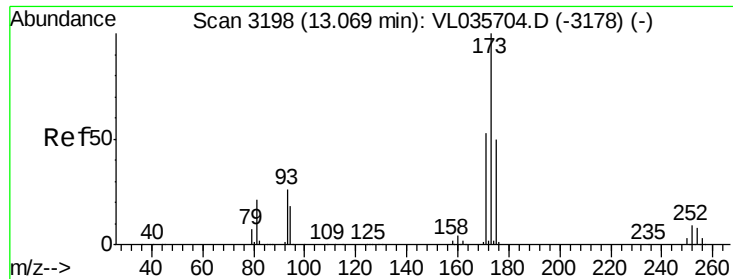


#48
 Dibromochloromethane
 Concen: 10.805 ppbv
 RT: 10.31 min Scan# 2341
 Delta R.T. -0.02 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Tgt Ion: 129 Resp: 2557155

Ion	Ratio	Lower	Upper
129	100		
127	78.8	39.4	118.1





#49

Bromoform

Concen: 11.350 ppbv

RT: 13.05 min Scan# 3193

Delta R.T. -0.02 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

Instrument :

MSVOA_L

ClientSampleId :

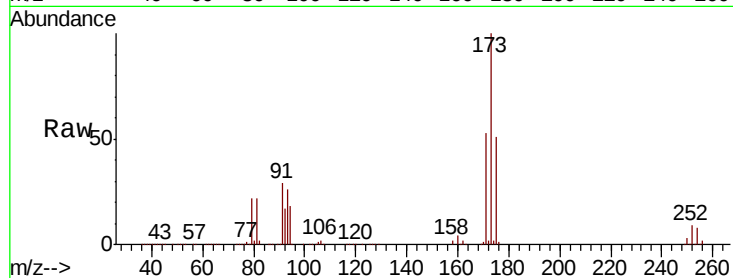
Tot Ion:173 Resp: 2279296

Ion Ratio Lower Upper

173 100

175 49.9 39.8 59.6

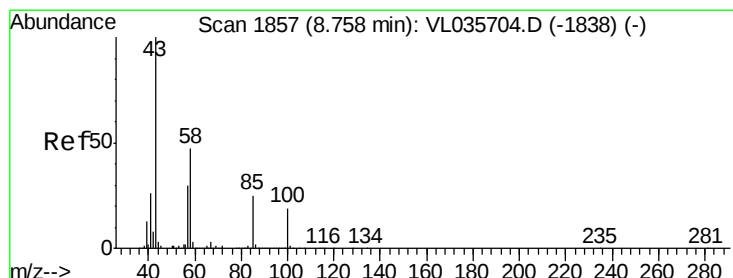
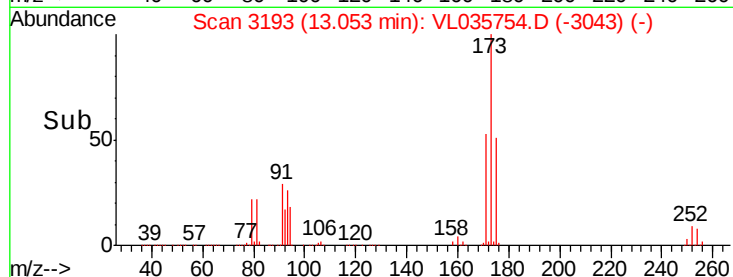
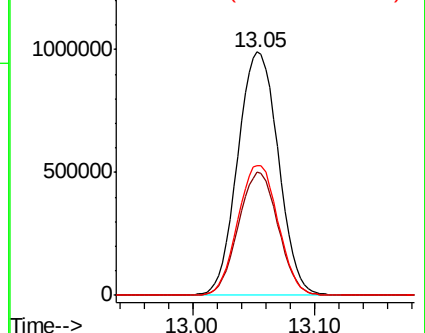
171 53.3 42.8 64.2



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: 10.376 ppbv

RT: 8.74 min Scan# 1853

Delta R.T. -0.01 min

Lab File: VL035754.D

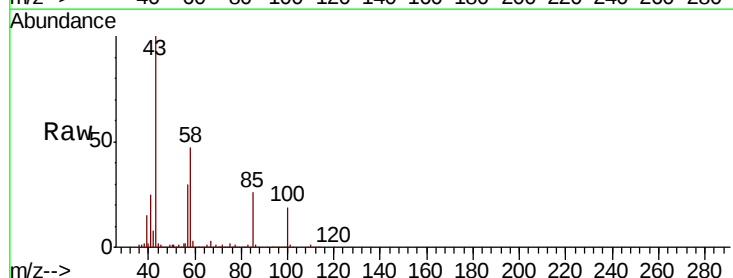
Acq: 8 Oct 2020 21:05

Tgt Ion: 43 Resp: 2304087

Ion Ratio Lower Upper

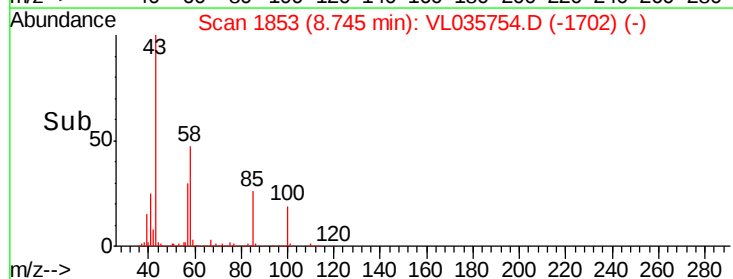
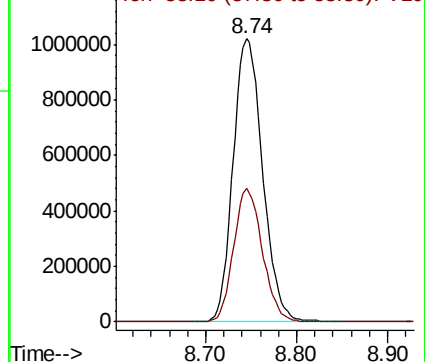
43 100

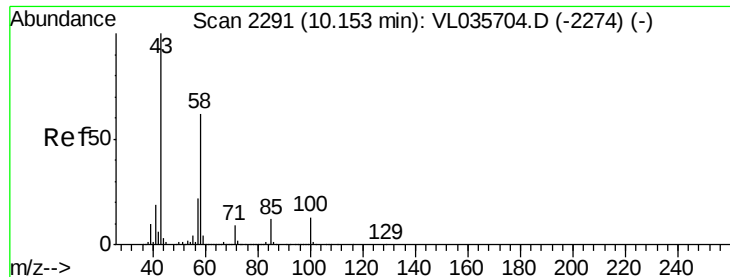
58 46.0 36.6 54.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

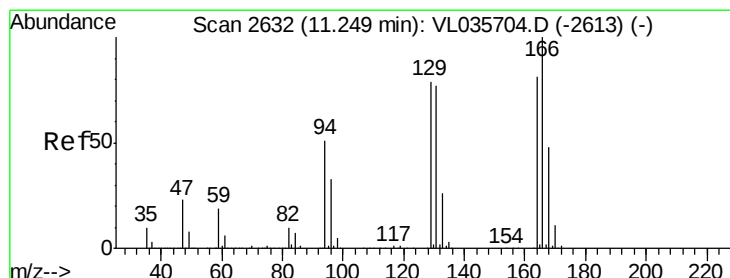
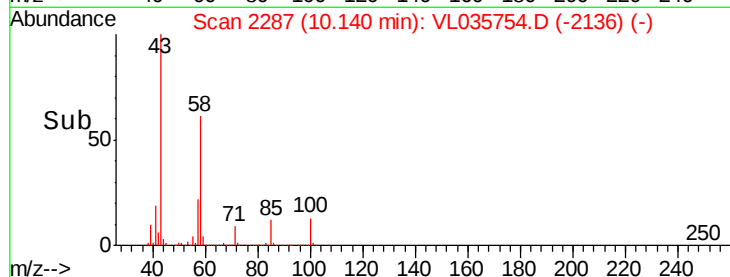
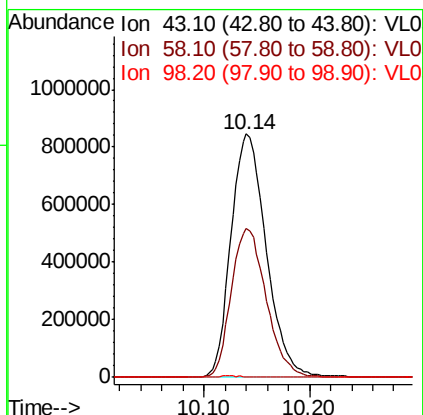
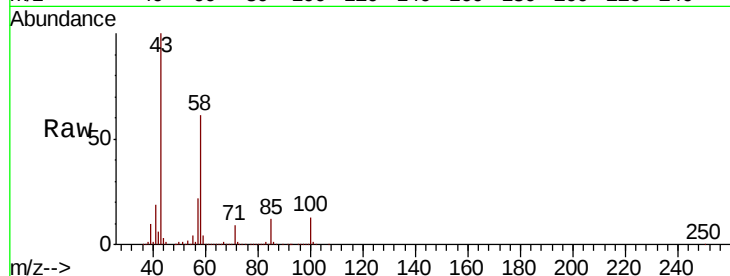




#51
2-Hexanone
Concen: 10.974 ppbv
RT: 10.14 min Scan# 2287
Delta R.T. -0.01 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

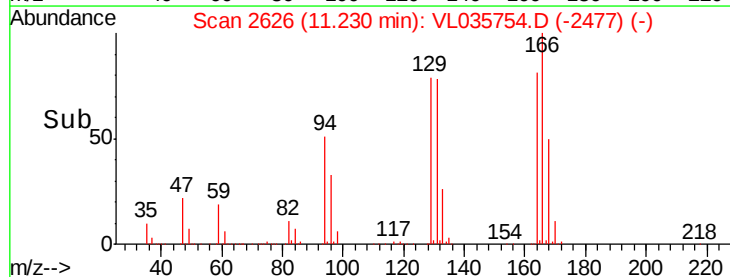
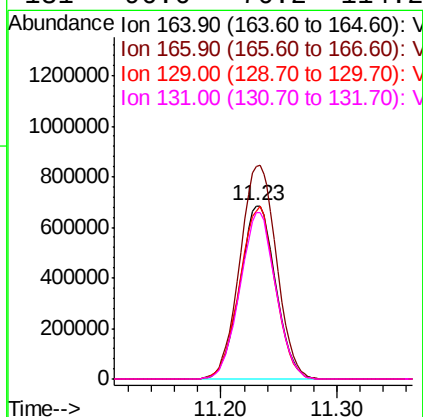
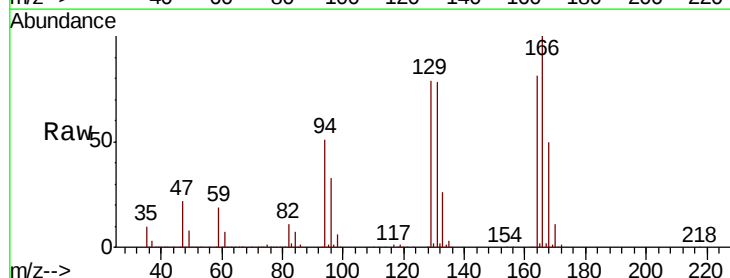
Instrument :
MSVOA_L
ClientSampled :

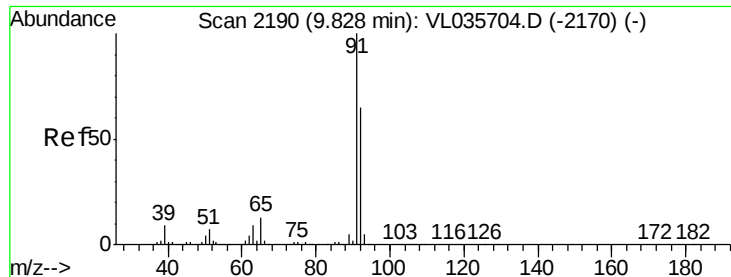
Tot Ion: 43 Resp: 1963517
Ion Ratio Lower Upper
43 100
58 61.0 48.7 73.1
98 0.7 0.7 1.1



#52
Tetrachloroethene
Concen: 10.178 ppbv
RT: 11.23 min Scan# 2626
Delta R.T. -0.02 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Tgt Ion:164 Resp: 1465946
Ion Ratio Lower Upper
164 100
166 123.3 98.7 148.1
129 97.4 78.4 117.6
131 96.6 76.2 114.2





#53

Toluene

Concen: 11.032 ppbv

RT: 9.81 min Scan# 2185

Delta R.T. -0.02 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

Instrument :

MSVOA_L

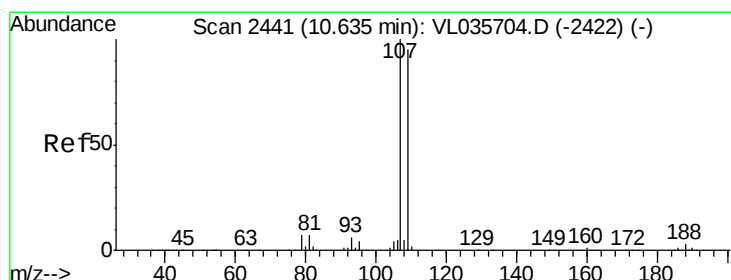
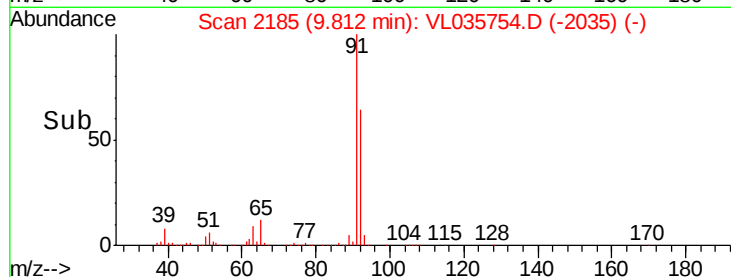
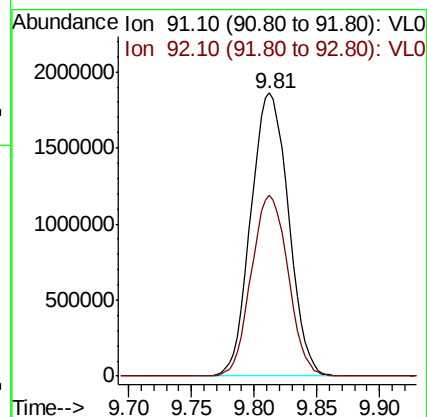
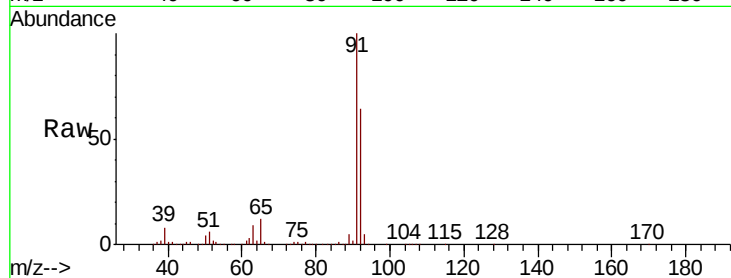
ClientSampleId :

Tot Ion: 91 Resp: 3896383

Ion Ratio Lower Upper

91 100

92 62.4 50.0 75.0



#54

1,2-Dibromoethane

Concen: 10.222 ppbv

RT: 10.62 min Scan# 2436

Delta R.T. -0.02 min

Lab File: VL035754.D

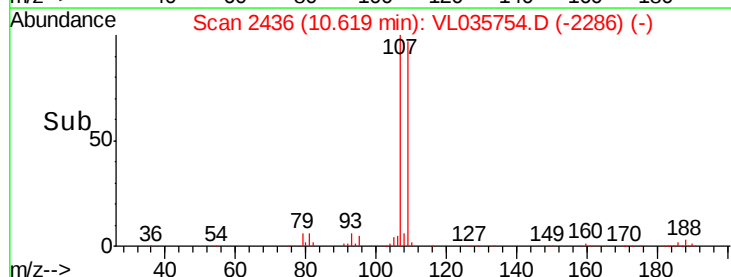
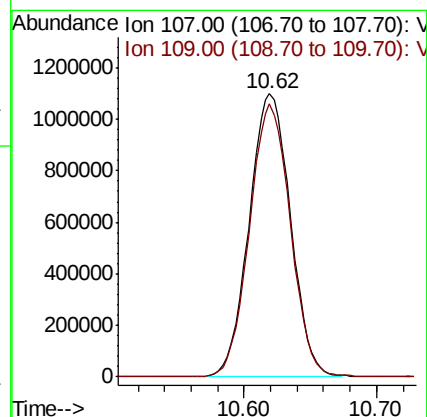
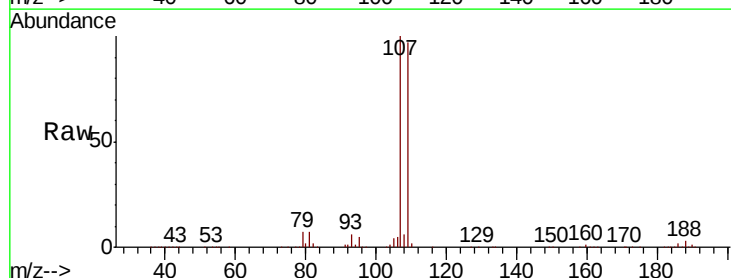
Acq: 8 Oct 2020 21:05

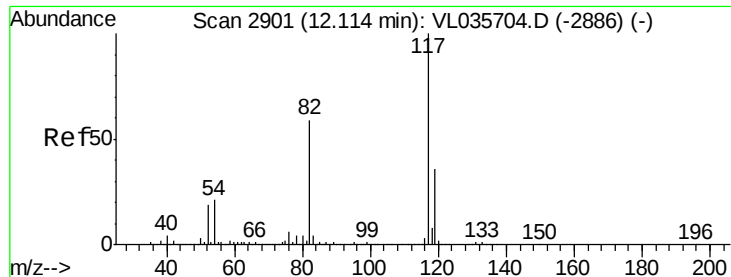
Tgt Ion: 107 Resp: 2380243

Ion Ratio Lower Upper

107 100

109 96.6 76.0 114.0

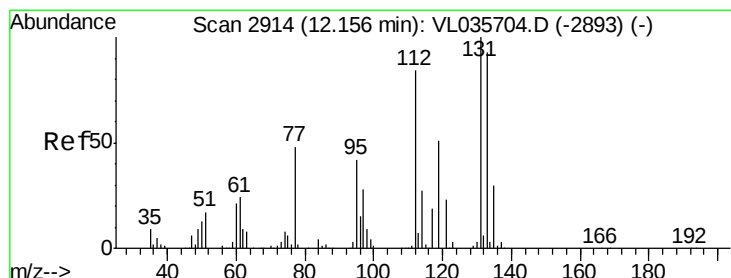
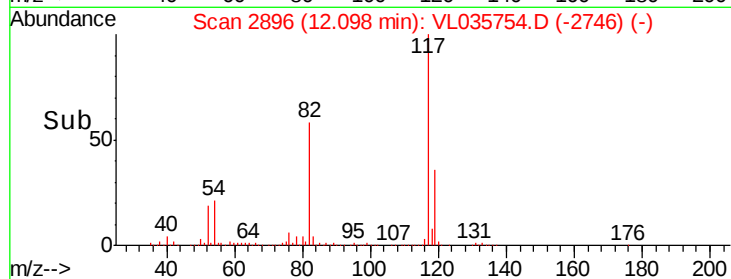
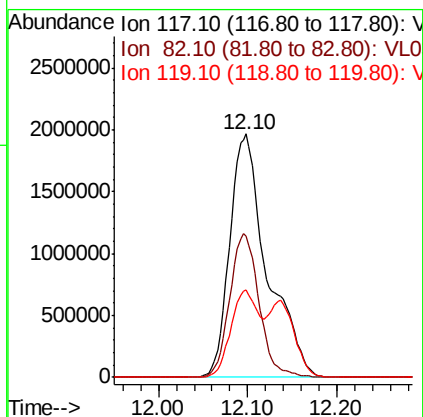
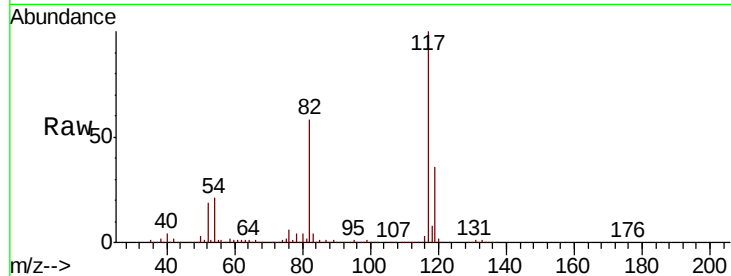




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2896
Delta R.T. -0.02 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

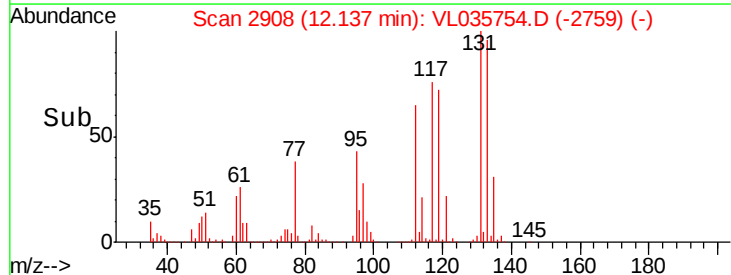
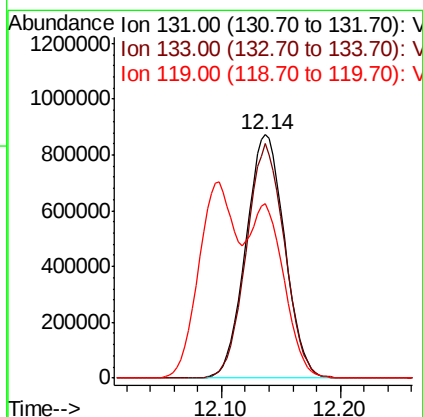
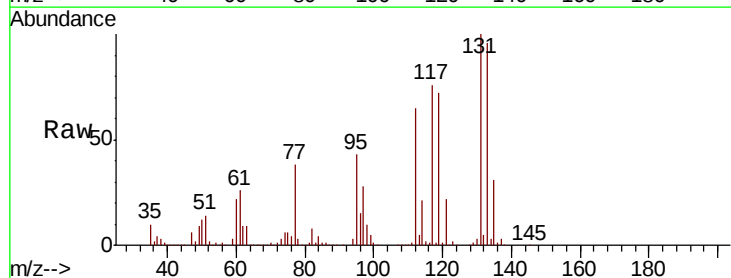
Instrument :
MSVOA_L
ClientSampled :

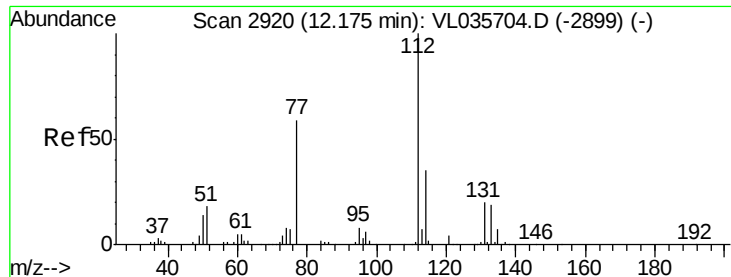
Tot Ion:117 Resp: 5717654
Ion Ratio Lower Upper
117 100
82 46.3 46.1 69.1
119 25.3 28.0 42.0#



#56
1,1,1,2-Tetrachloroethane
Concen: 8.226 ppbv
RT: 12.14 min Scan# 2908
Delta R.T. -0.02 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Tgt Ion:131 Resp: 1972059
Ion Ratio Lower Upper
131 100
133 94.9 76.2 114.4
119 70.0 52.4 78.6

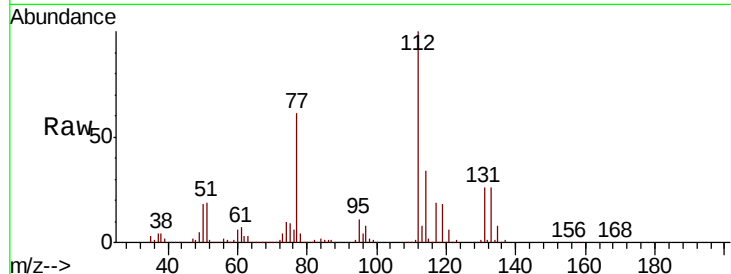




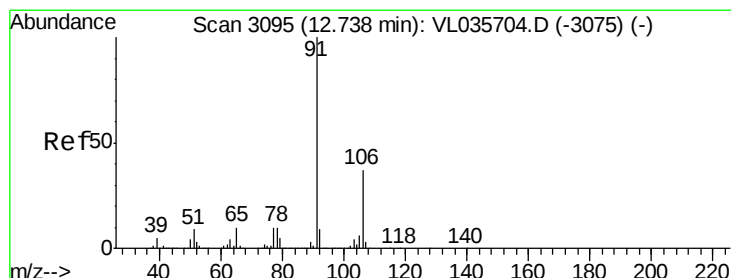
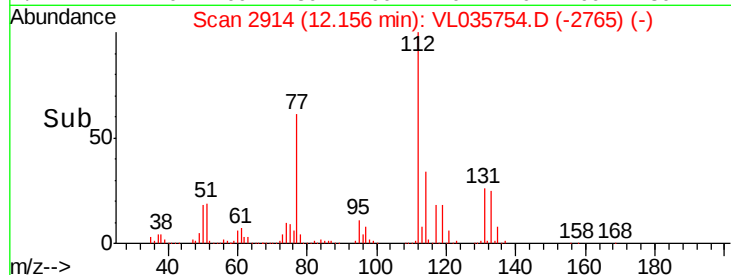
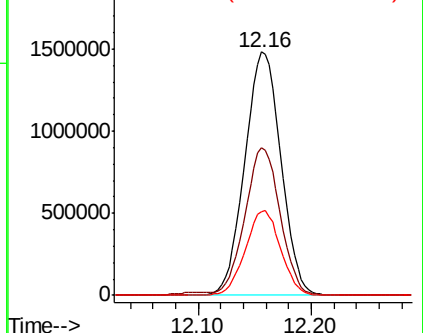
#57
Chlorobenzene
Concen: 7.636 ppbv
RT: 12.16 min Scan# 2914
Delta R.T. -0.02 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:112 Resp: 3297727
Ion Ratio Lower Upper
112 100
77 60.4 48.2 72.2
114 34.3 31.9 39.1

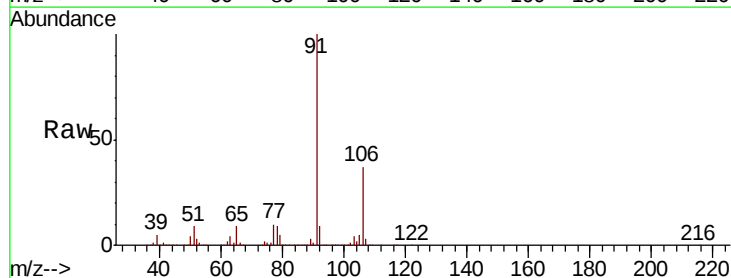


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

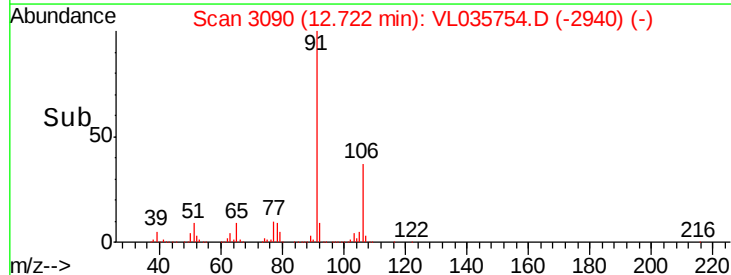
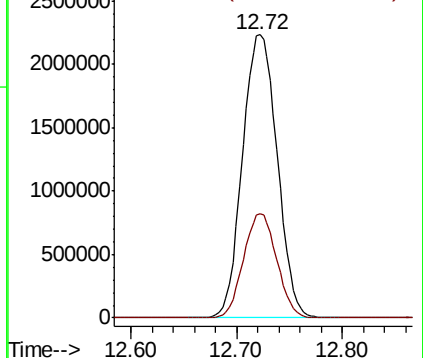


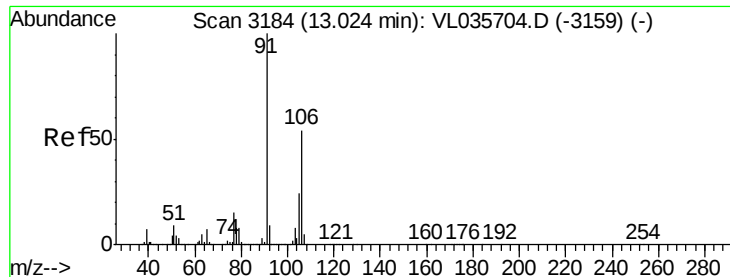
#58
Ethyl Benzene
Concen: 8.916 ppbv
RT: 12.72 min Scan# 3090
Delta R.T. -0.02 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Tgt Ion: 91 Resp: 5116604
Ion Ratio Lower Upper
91 100
106 36.9 29.7 44.5



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V

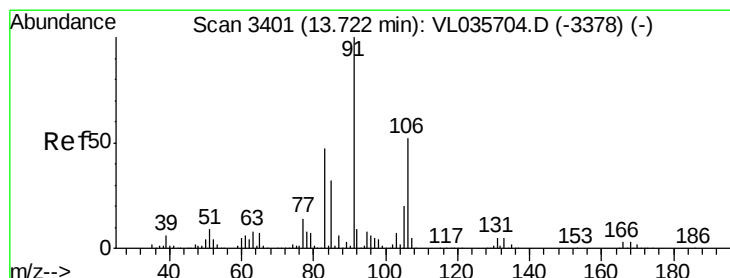
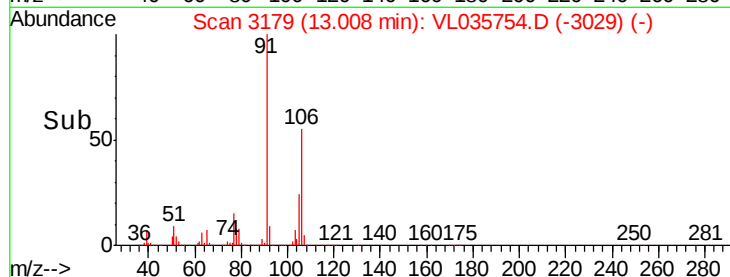
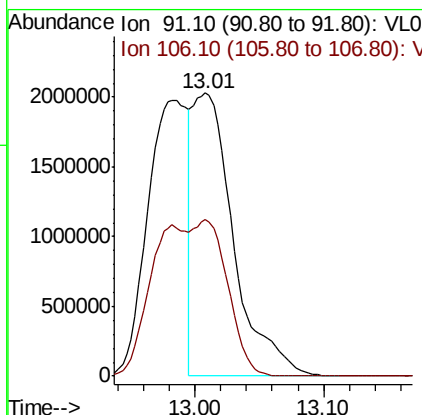
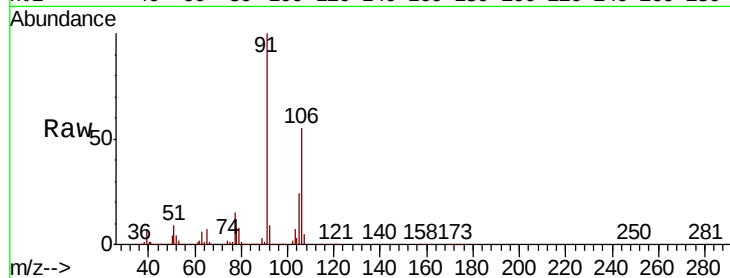




#59
m/p-Xylene
Concen: 8.884 ppbv
RT: 13.01 min Scan# 3179
Delta R.T. -0.02 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

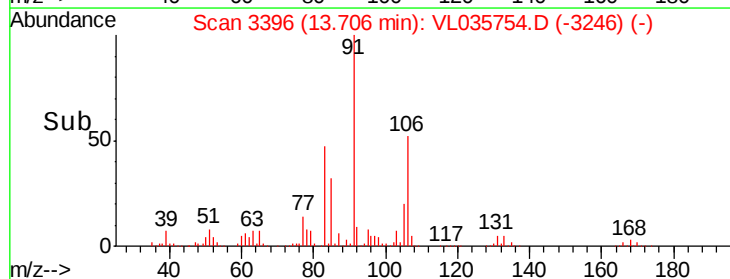
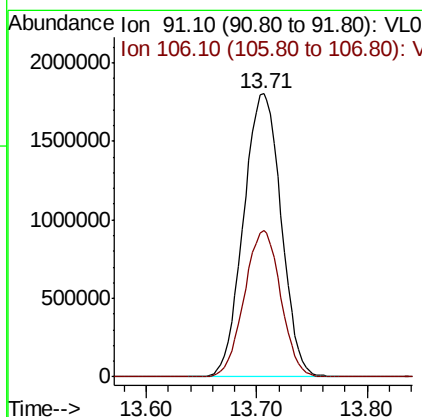
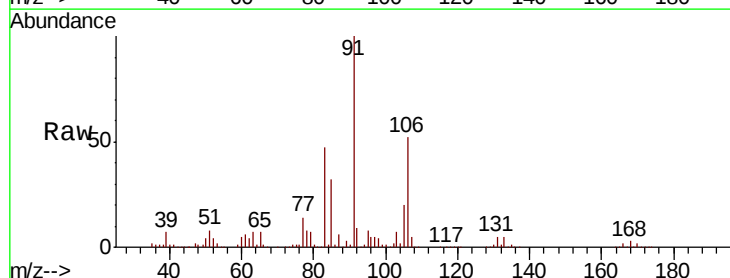
Instrument :
MSVOA_L
ClientSampleId :

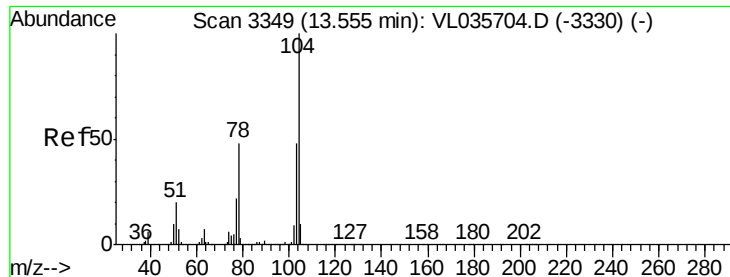
Tot Ion: 91 Resp: 4452476
Ion Ratio Lower Upper
91 100
106 98.9 41.4 62.0#



#60
o-Xylene
Concen: 8.416 ppbv
RT: 13.71 min Scan# 3396
Delta R.T. -0.02 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Tgt Ion: 91 Resp: 4266318
Ion Ratio Lower Upper
91 100
106 50.1 25.0 75.0

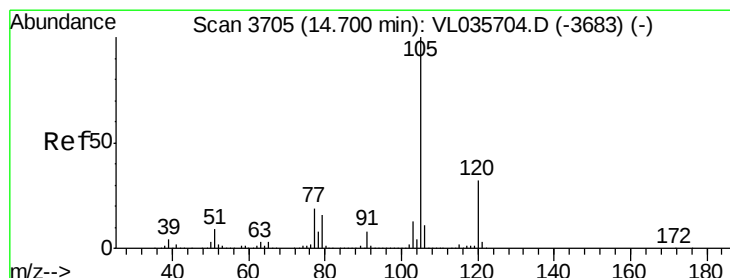
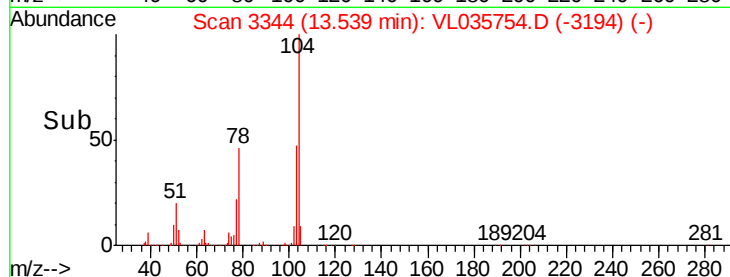
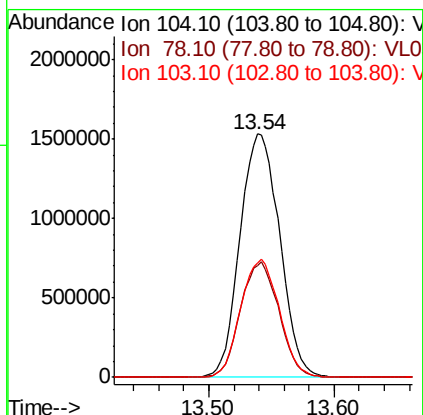
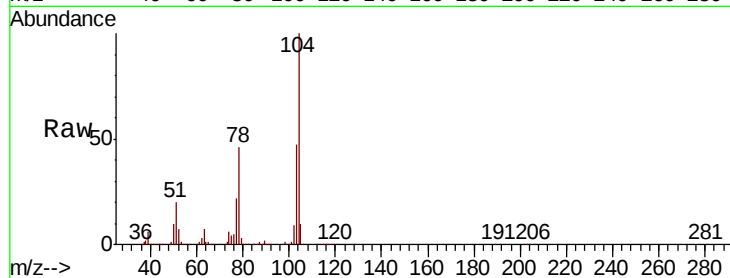




#61
Stvrene
Concen: 9.632 ppbv
RT: 13.54 min Scan# 3344
Delta R.T. -0.02 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

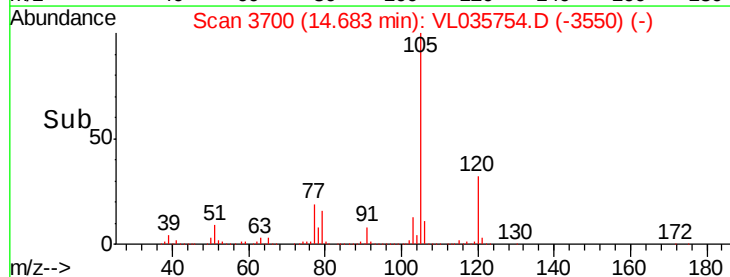
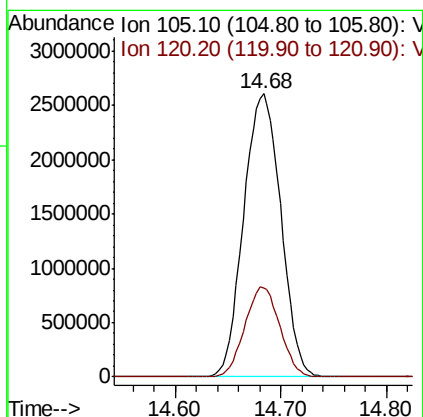
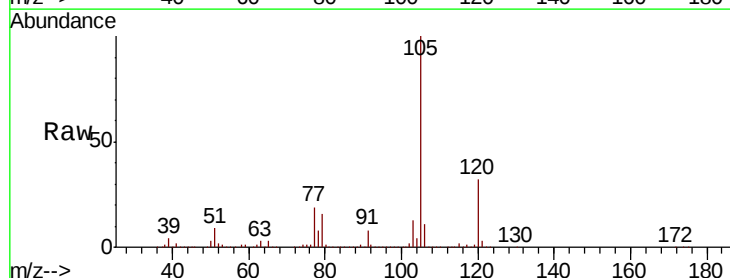
Instrument :
MSVOA_L
ClientSampled :

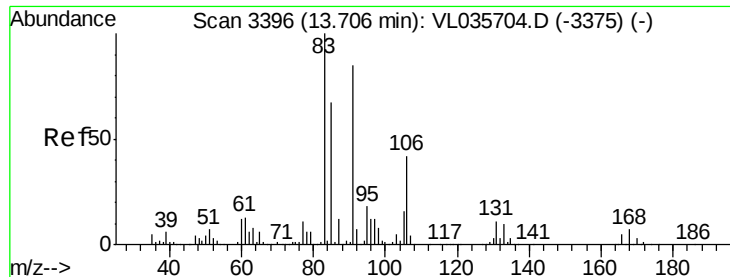
Tot Ion:104 Resp: 3376579
Ion Ratio Lower Upper
104 100
78 46.1 37.2 55.8
103 47.2 38.2 57.2



#62
Isopropylbenzene
Concen: 8.137 ppbv
RT: 14.68 min Scan# 3700
Delta R.T. -0.02 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Tgt Ion:105 Resp: 6398617
Ion Ratio Lower Upper
105 100
120 30.0 24.1 36.1

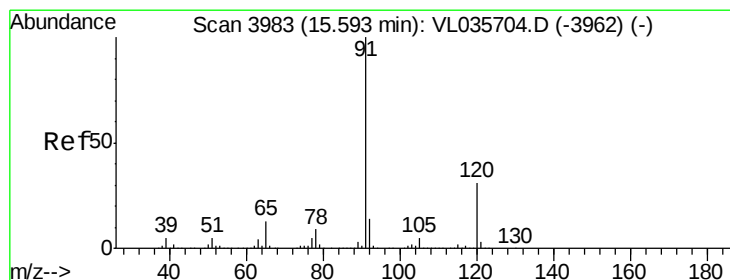
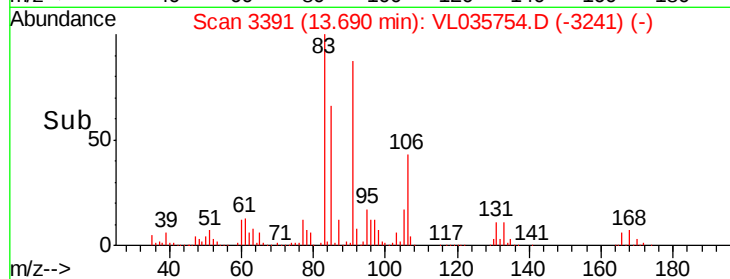
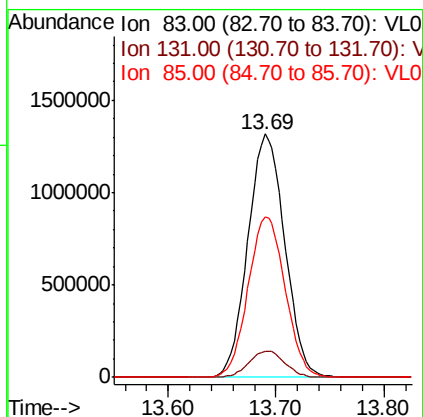
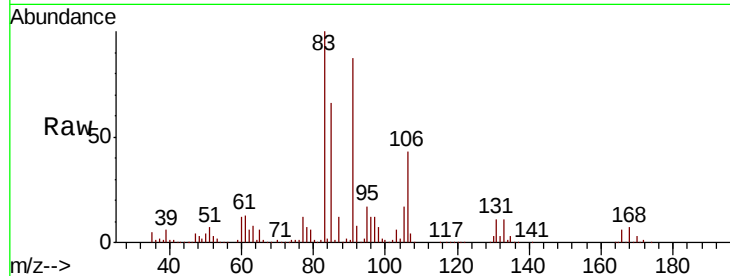




#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.524 ppbv
 RT: 13.69 min Scan# 3391
 Delta R.T. -0.02 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

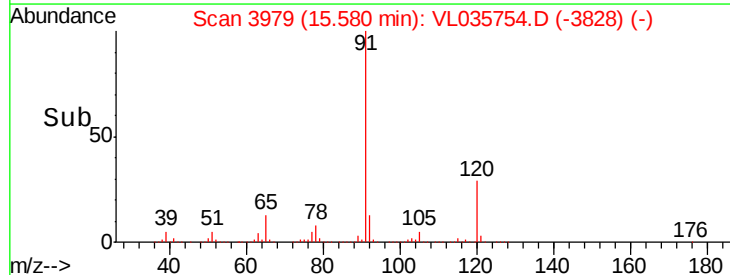
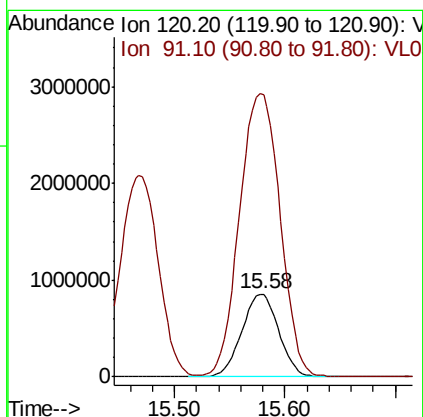
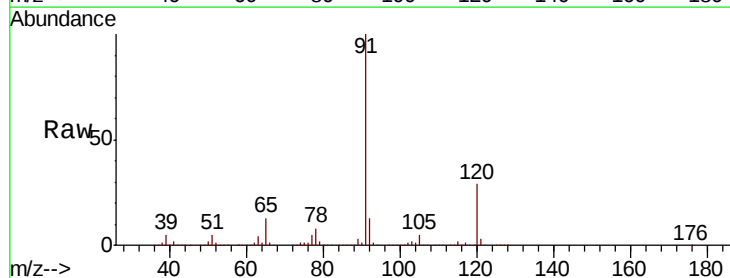
Instrument :
 MSVOA_L
 ClientSampleId :

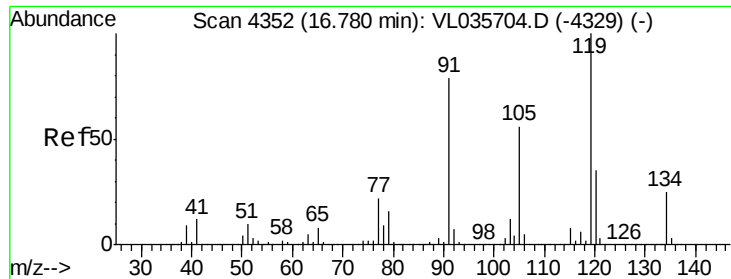
Tot Ion: 83 Resp: 3127731
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.3 16.1
 85 66.3 33.4 100.2



#64
 n-propylbenzene
 Concen: 8.630 ppbv
 RT: 15.58 min Scan# 3979
 Delta R.T. -0.01 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Tgt Ion:120 Resp: 1986067
 Ion Ratio Lower Upper
 120 100
 91 376.4 300.4 450.6

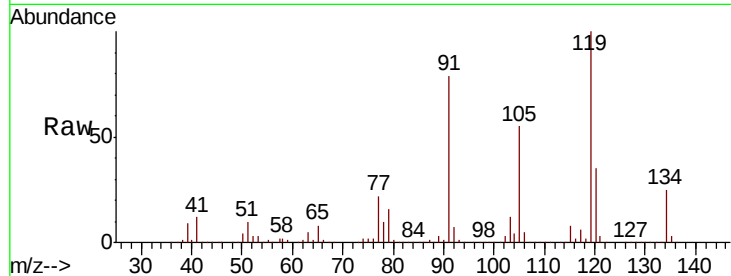




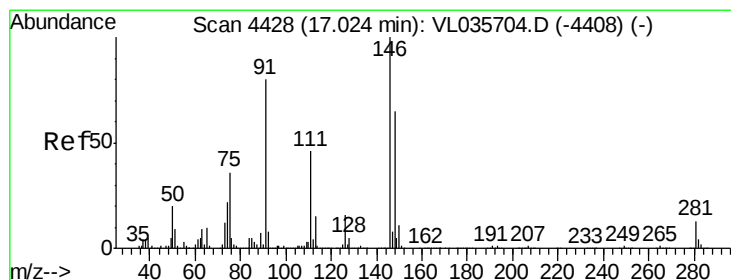
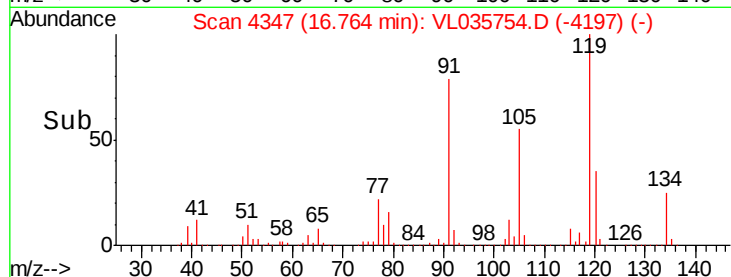
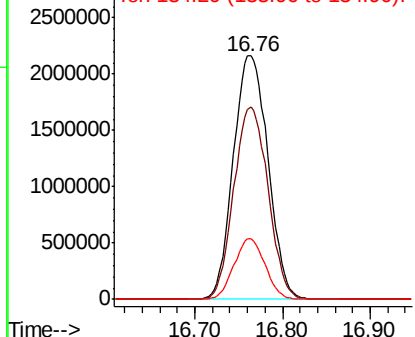
#65
tert-Butylbenzene
Concen: 8.339 ppbv
RT: 16.76 min Scan# 4347
Delta R.T. -0.02 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Instrument :
MSVOA_L
ClientSampleID :

Tot Ion:119 Resp: 5961483
Ion Ratio Lower Upper
119 100
91 77.8 62.4 93.6
134 22.5 18.2 27.2

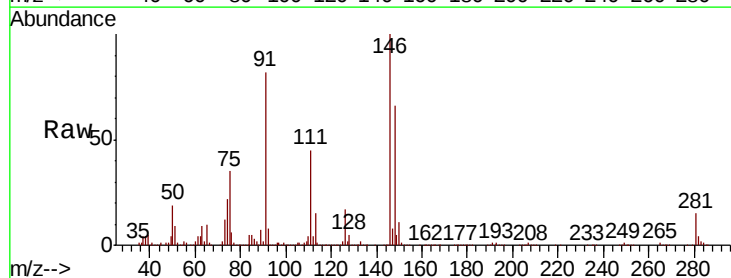


Abundance Ion 119.20 (118.90 to 119.90): V
Ion 91.10 (90.80 to 91.80): VL0
Ion 134.20 (133.90 to 134.90): V

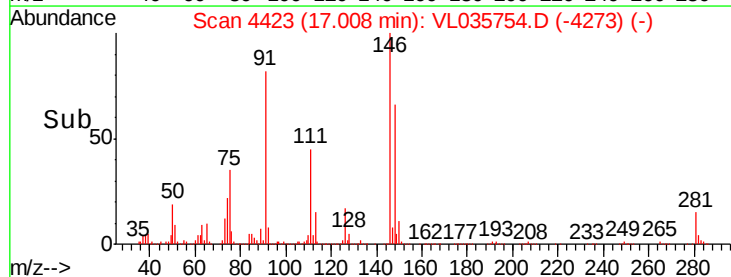
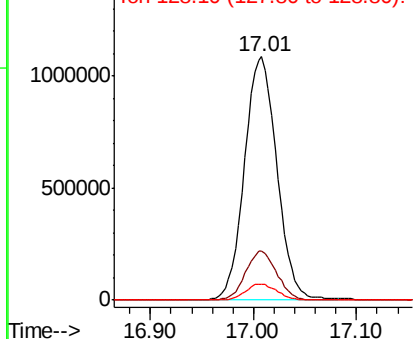


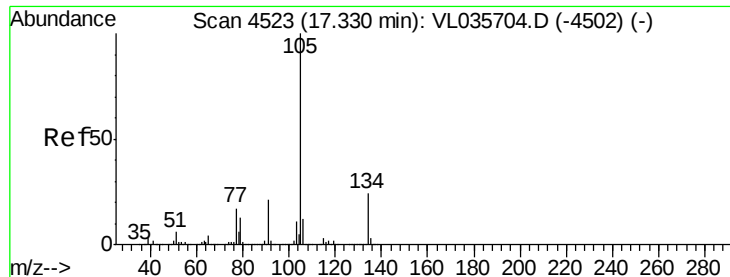
#66
Benzyl Chloride
Concen: 10.936 ppbv
RT: 17.01 min Scan# 4423
Delta R.T. -0.02 min
Lab File: VL035754.D
Acq: 8 Oct 2020 21:05

Tgt Ion: 91 Resp: 2368918
Ion Ratio Lower Upper
91 100
126 19.5 15.3 22.9
128 6.4 5.0 7.4



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

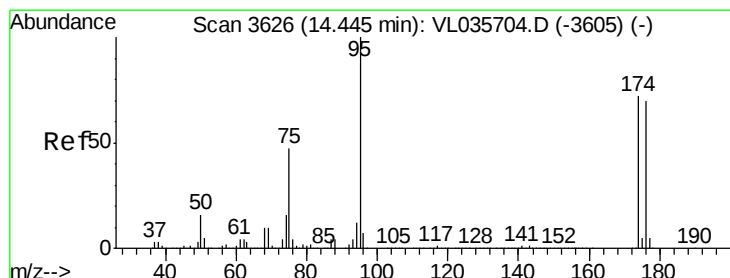
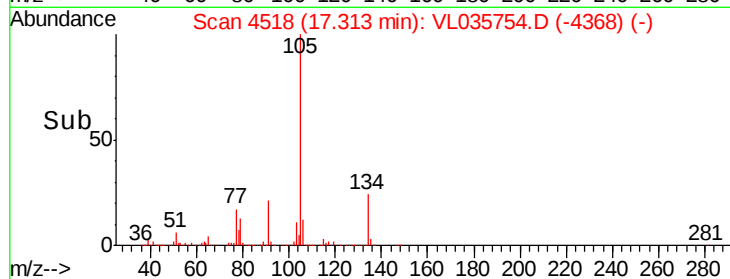
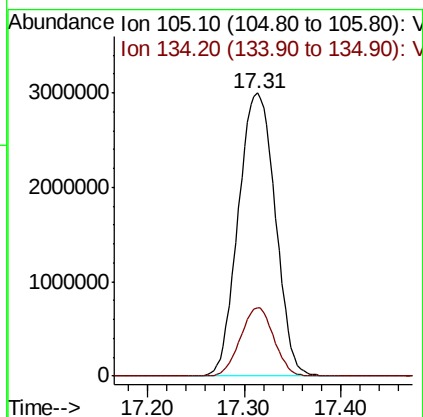
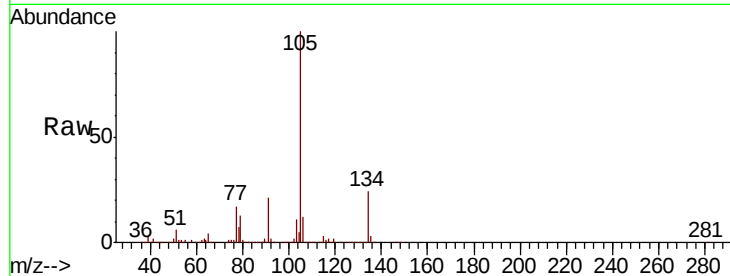




#67
 sec-Butylbenzene
 Concen: 8.064 ppbv
 RT: 17.31 min Scan# 4518
 Delta R.T. -0.02 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

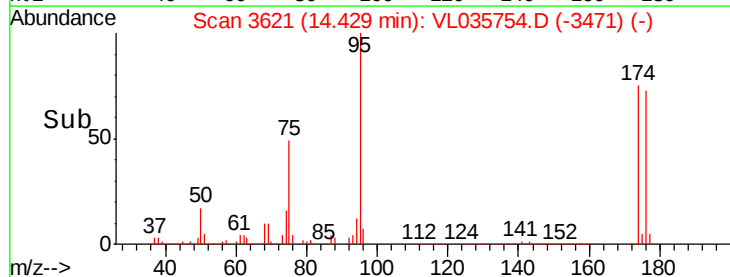
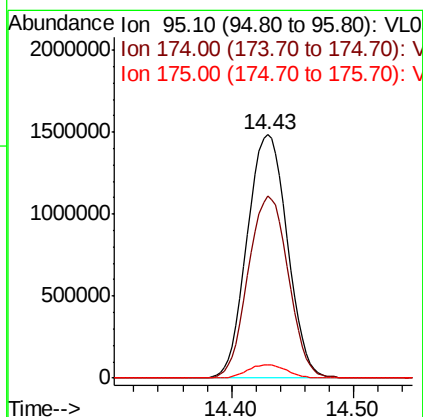
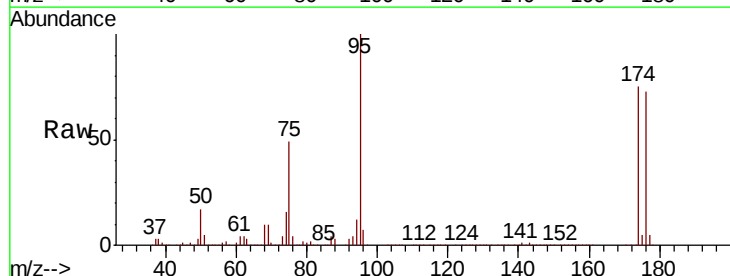
Instrument :
 MSVOA_L
 ClientSampleId :

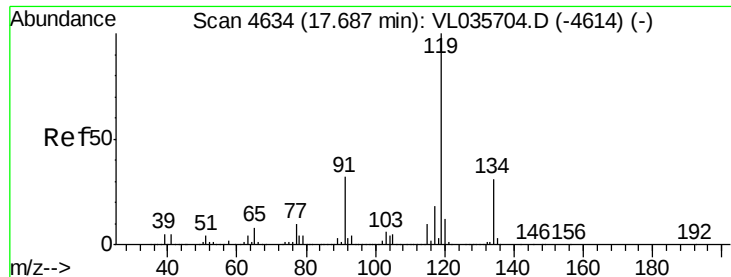
Tot Ion:105 Resp: 7961718
 Ion Ratio Lower Upper
 105 100
 134 22.0 17.6 26.4



#68
 1-Bromo-4-Fluorobenzene
 Concen: 7.920 ppbv
 RT: 14.43 min Scan# 3621
 Delta R.T. -0.02 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Tgt Ion: 95 Resp: 3393162
 Ion Ratio Lower Upper
 95 100
 174 75.1 59.6 89.4
 175 5.4 4.2 6.4

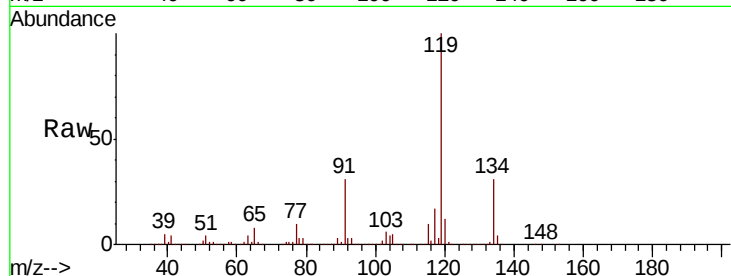




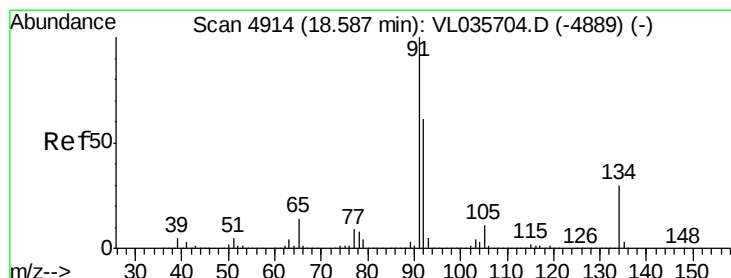
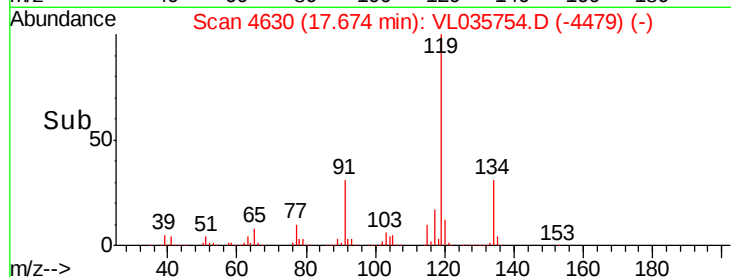
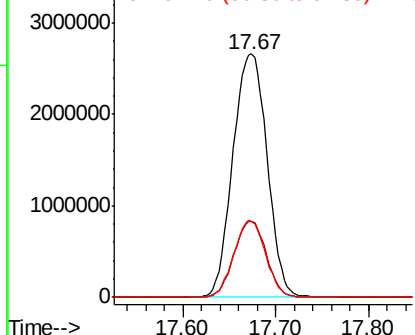
#69
 p-Isopropyltoluene
 Concen: 8.475 ppbv
 RT: 17.67 min Scan# 4630
 Delta R.T. -0.01 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:119 Resp: 6807527
 Ion Ratio Lower Upper
 119 100
 134 29.6 23.9 35.9
 91 29.4 23.8 35.6

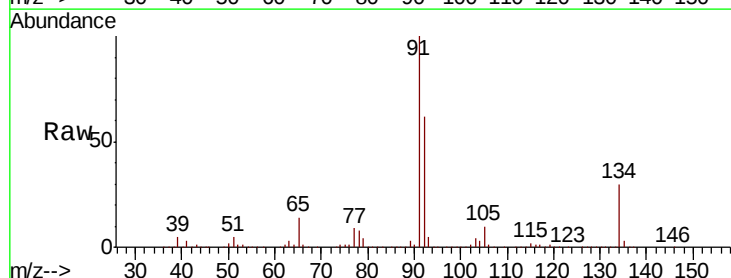


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

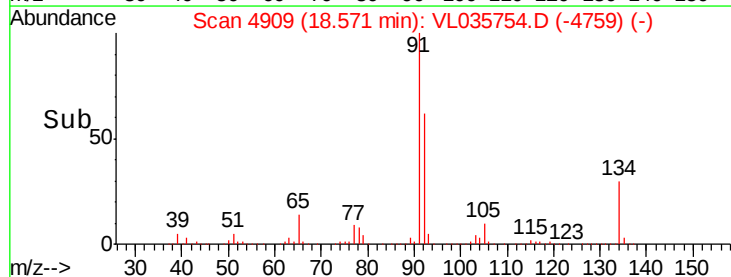
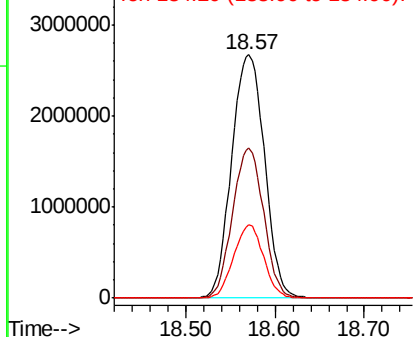


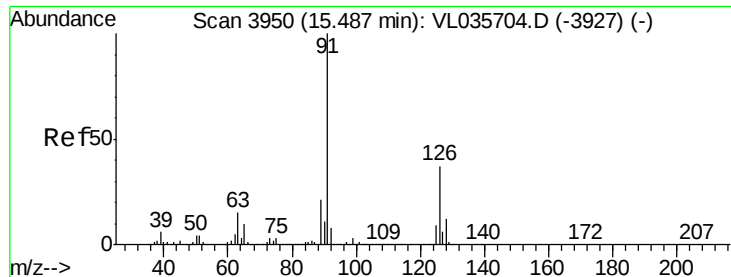
#70
 n-Butylbenzene
 Concen: 8.265 ppbv
 RT: 18.57 min Scan# 4909
 Delta R.T. -0.02 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Tgt Ion: 91 Resp: 6835945
 Ion Ratio Lower Upper
 91 100
 92 58.4 47.0 70.4
 134 27.5 21.9 32.9



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

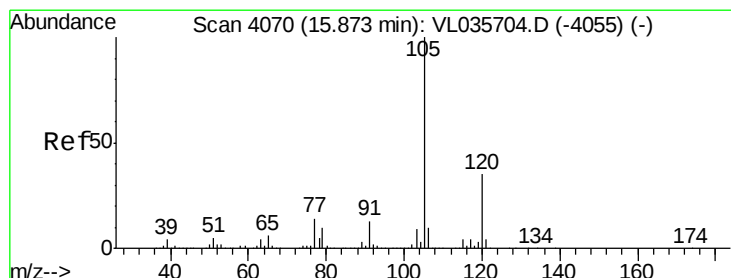
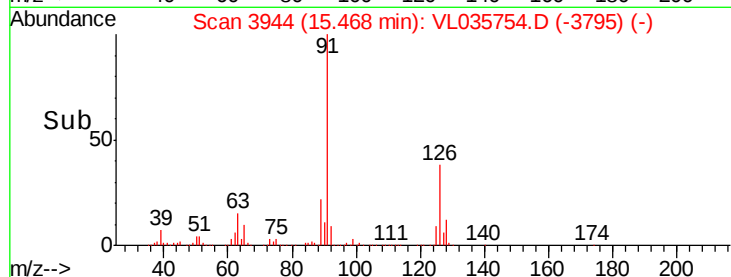
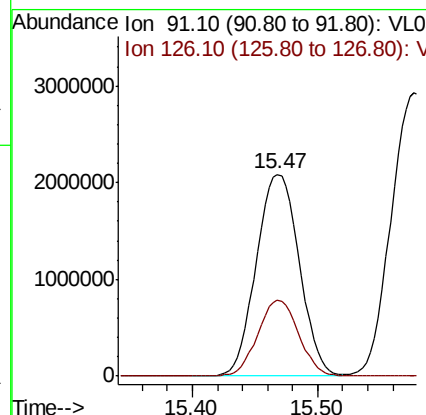
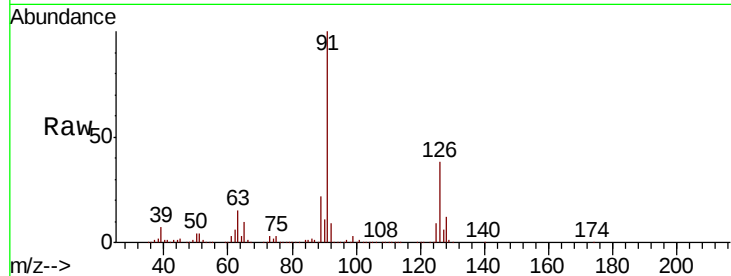




#71
 2-Chlorotoluene
 Concen: 8.661 ppbv
 RT: 15.47 min Scan# 3944
 Delta R.T. -0.02 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

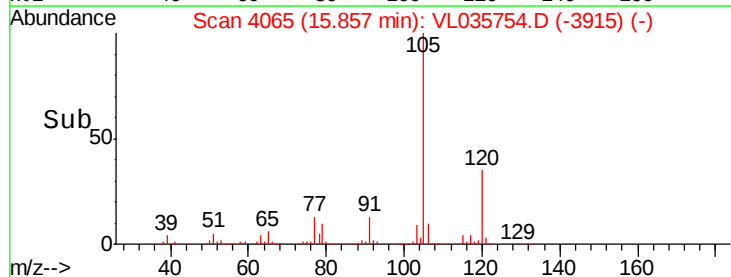
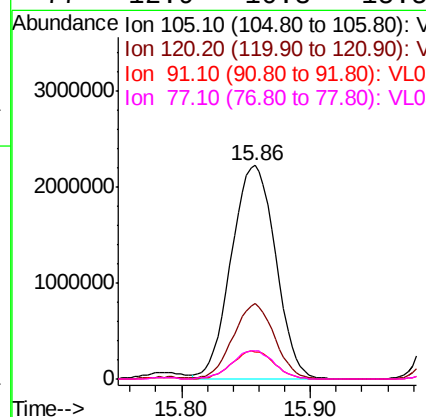
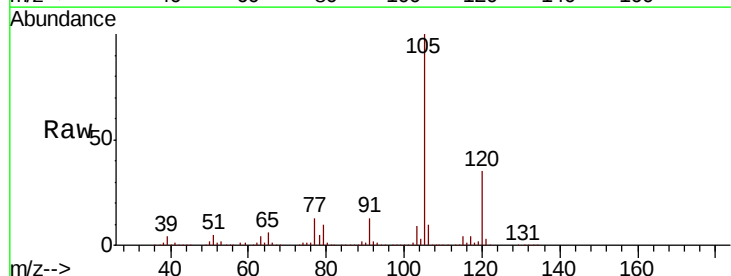
Instrument :
 MSVOA_L
 ClientSampleId :

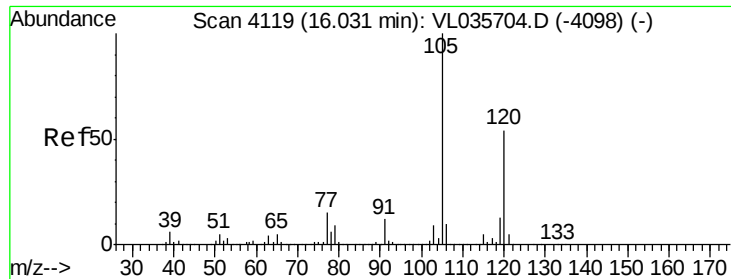
Tot Ion: 91 Resp: 4967794
 Ion Ratio Lower Upper
 91 100
 126 36.0 14.4 57.4



#72
 4-Ethyltoluene
 Concen: 8.804 ppbv
 RT: 15.86 min Scan# 4065
 Delta R.T. -0.02 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Tgt Ion: 105 Resp: 5287528
 Ion Ratio Lower Upper
 105 100
 120 33.0 26.5 39.7
 91 12.5 10.2 15.2
 77 12.9 10.3 15.5

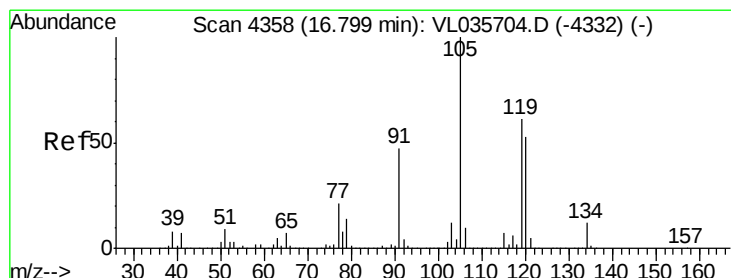
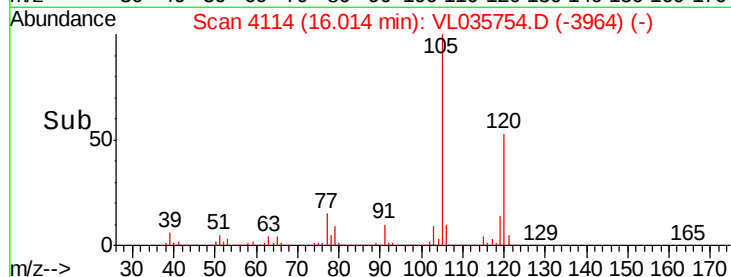
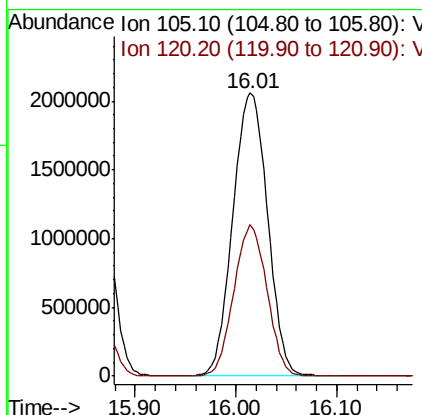
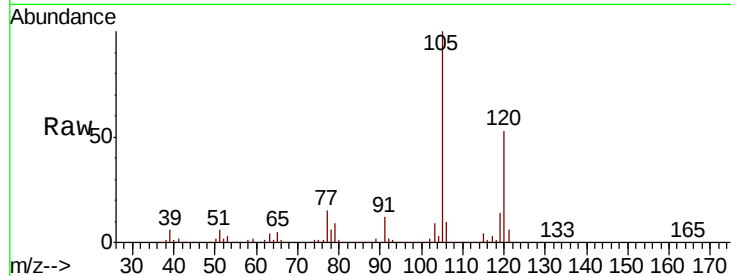




#73
 1,3,5-Trimethylbenzene
 Concen: 8.645 ppbv
 RT: 16.01 min Scan# 4114
 Delta R.T. -0.02 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

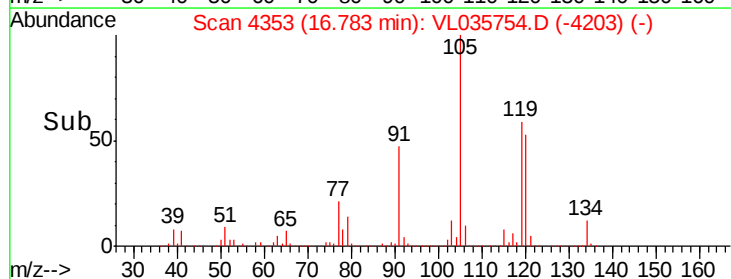
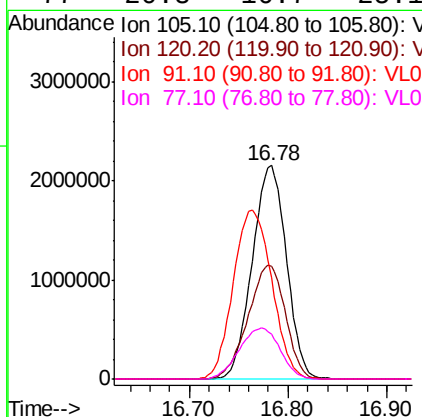
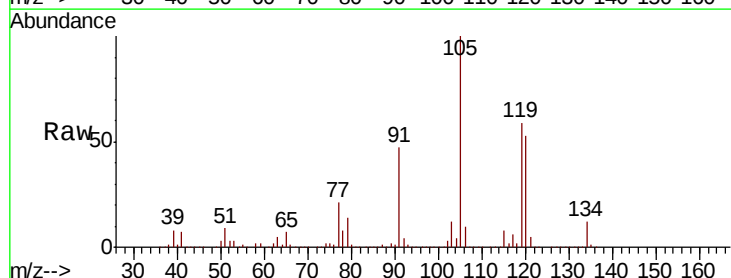
Instrument :
 MSVOA_L
 ClientSampled :

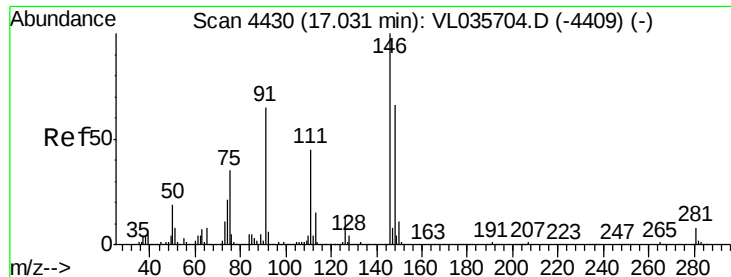
Tot Ion:105 Resp: 4906329
 Ion Ratio Lower Upper
 105 100
 120 53.5 43.0 64.4



#74
 1,2,4-Trimethylbenzene
 Concen: 8.054 ppbv
 RT: 16.78 min Scan# 4353
 Delta R.T. -0.02 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Tgt Ion:105 Resp: 5152672
 Ion Ratio Lower Upper
 105 100
 120 53.0 42.5 63.7
 91 47.2 37.7 56.5
 77 20.8 16.7 25.1





#75

1,3-Dichlorobenzene

Concen: 7.877 ppbv

RT: 17.01 min Scan# 4425

Delta R.T. -0.02 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

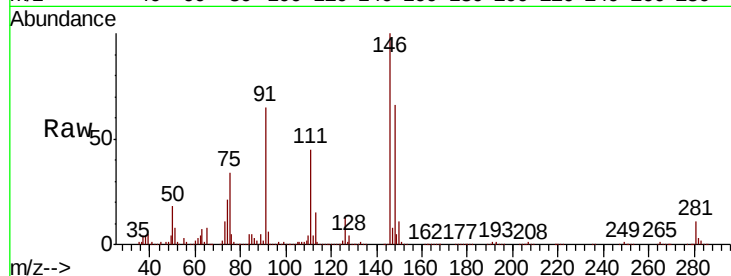
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:146 Resp: 3440477

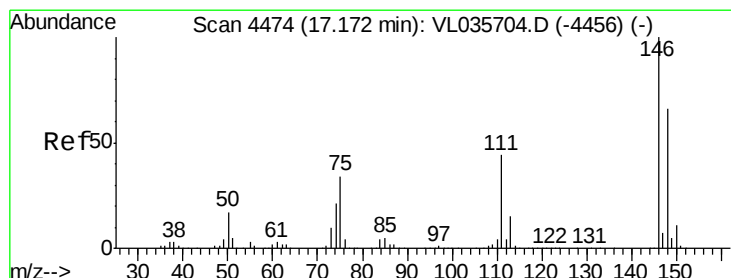
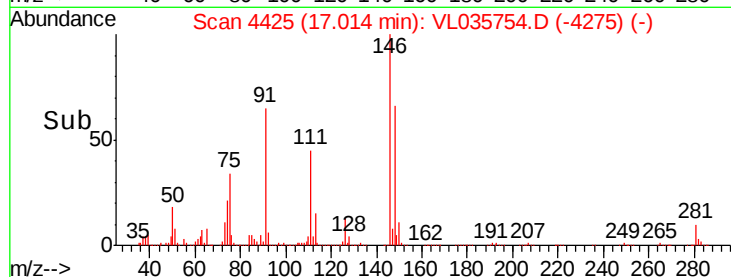
Ion	Ratio	Lower	Upper
146	100		
111	44.3	22.4	67.0
148	65.5	33.0	99.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 8.308 ppbv

RT: 17.16 min Scan# 4469

Delta R.T. -0.02 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

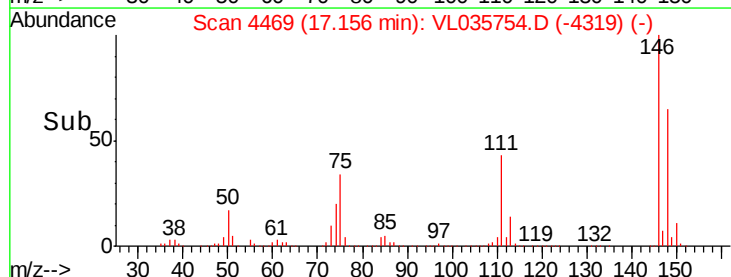
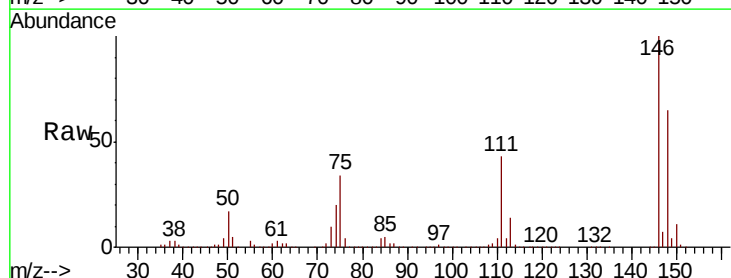
Tgt Ion:146 Resp: 3468465

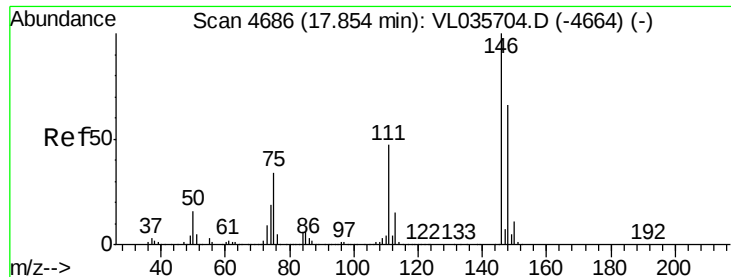
Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.4	64.3
148	65.5	32.6	98.0

Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





#77

1,2-Dichlorobenzene

Concen: 8.157 ppbv

RT: 17.83 min Scan# 4680

Delta R.T. -0.02 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

Instrument :

MSVOA_L

ClientSampled :

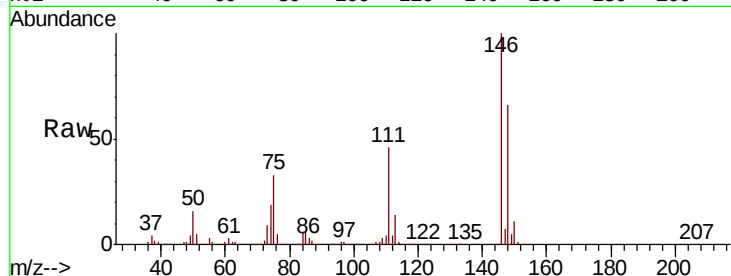
Tot Ion:146 Resp: 3365070

Ion Ratio Lower Upper

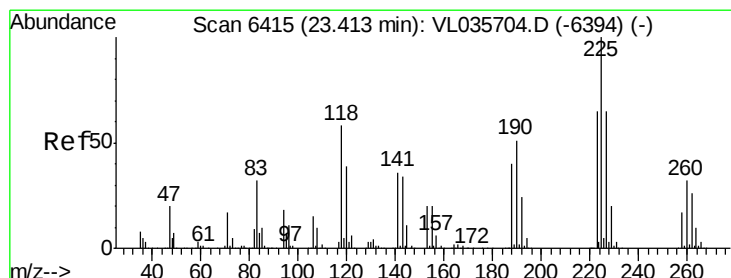
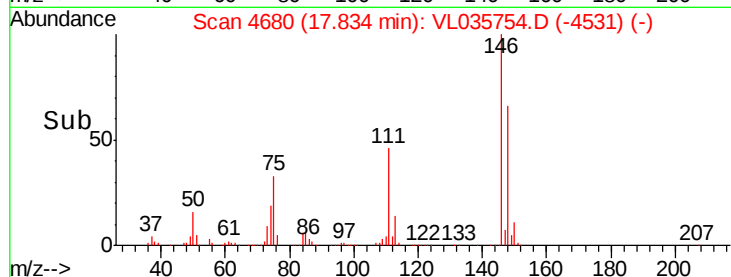
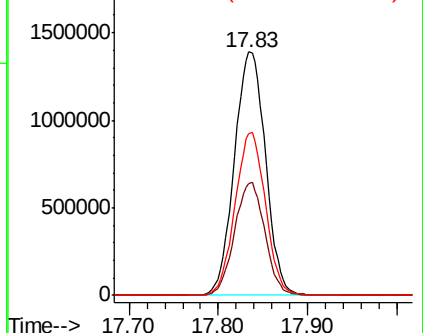
146 100

111 45.3 22.9 68.5

148 65.4 32.6 98.0



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: 8.261 ppbv

RT: 23.40 min Scan# 6410

Delta R.T. -0.02 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

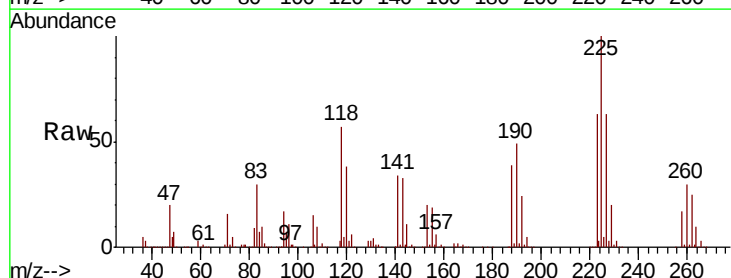
Tgt Ion:225 Resp: 1880170

Ion Ratio Lower Upper

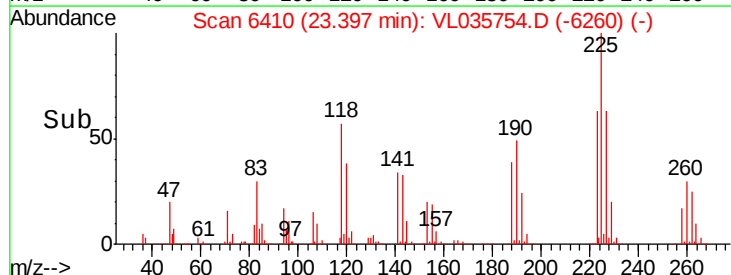
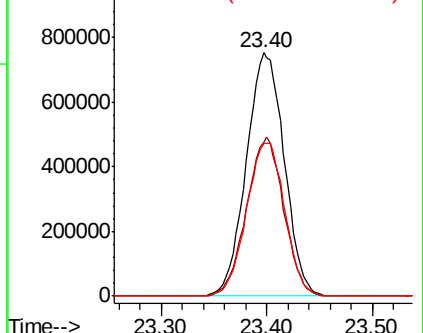
225 100

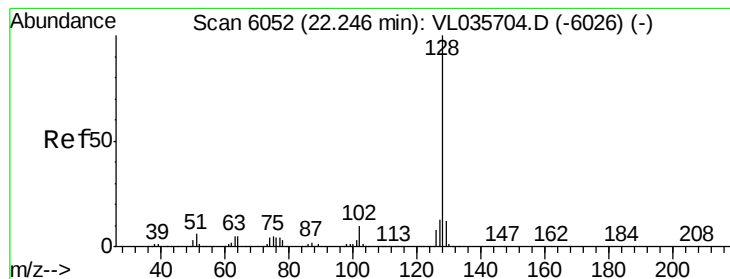
223 64.1 51.3 76.9

227 63.8 51.6 77.4



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: 8.742 ppbv

RT: 22.22 min Scan# 6045

Delta R.T. -0.02 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

Instrument :

MSVOA_L

ClientSampleId :

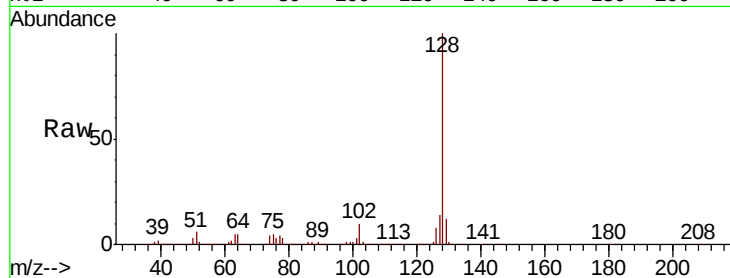
Tot Ion:128 Resp: 5334178

Ion Ratio Lower Upper

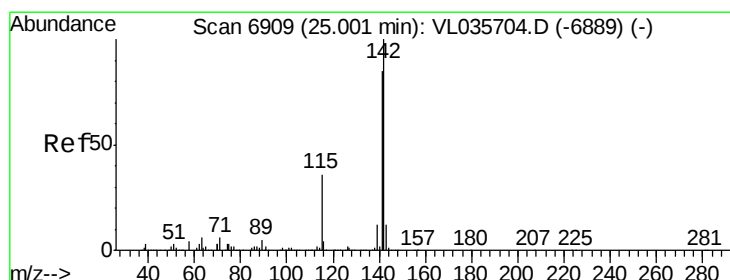
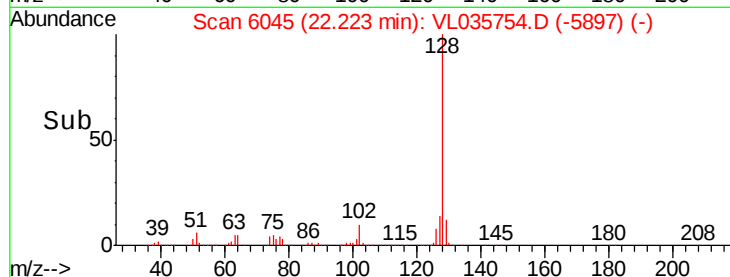
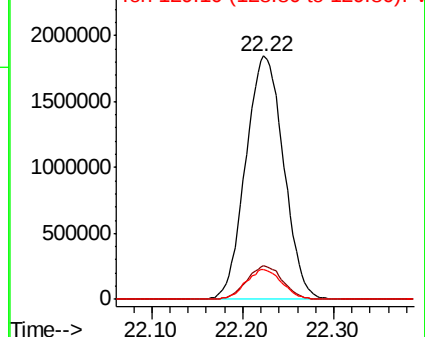
128 100

127 13.9 10.6 15.8

129 12.5 9.4 14.0



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: 12.506 ppbv

RT: 24.99 min Scan# 6906

Delta R.T. -0.01 min

Lab File: VL035754.D

Acq: 8 Oct 2020 21:05

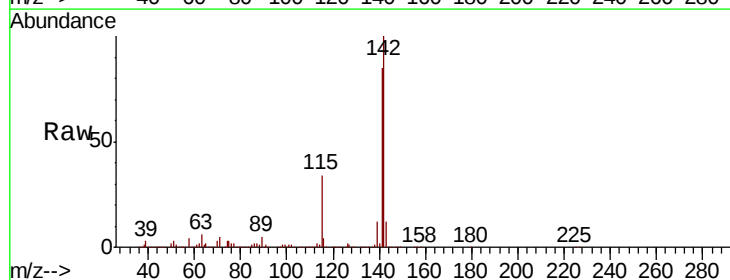
Tgt Ion:142 Resp: 1799925

Ion Ratio Lower Upper

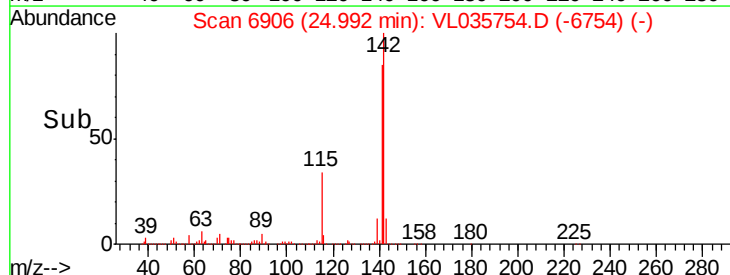
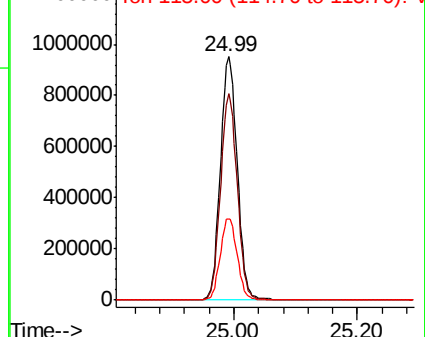
142 100

141 84.4 68.2 102.4

115 33.9 27.8 41.6



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

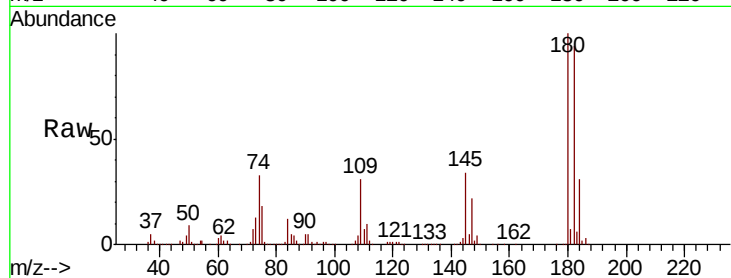




#81
 1,2,4-Trichlorobenzene
 Concen: 8.567 ppbv
 RT: 21.95 min Scan# 5961
 Delta R.T. -0.02 min
 Lab File: VL035754.D
 Acq: 8 Oct 2020 21:05

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:180 Resp: 2708955
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.2 114.2
 184 30.9 24.6 37.0



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

