

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070620\
 Data File : VL035165.D
 Acq On : 7 Jul 2020 5:54
 Operator : SY/AP
 Sample : VL0706ABS01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0706ABS01

Quant Time: Jul 07 06:34:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Sat Jun 20 02:10:36 2020
 QLast Update : Sat Jun 20 02:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1035965	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2451736	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2986955	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	1982774	7.99	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	79.90%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.00	85	1316136	9.408	ppbv 97
3) Chlorodifluoromethane	2.94	51	1181530	10.324	ppbv 99
4) Chloromethane	3.09	50	674841	10.519	ppbv 99
5) Vinyl Chloride	3.21	62	660804	10.832	ppbv 97
6) Bromomethane	3.43	94	400660	10.576	ppbv 90
7) Chloroethane	3.51	64	247428	10.755	ppbv 98
8) Dichlorotetrafluoroethane	3.14	85	1510143	10.068	ppbv 97
9) Propene	2.96	41	503152	11.103	ppbv 100
10) Heptane	8.12	43	1321818	11.255	ppbv 99
11) Trichlorofluoromethane	3.91	101	1566246	10.481	ppbv 100
12) 1,1,2-Trichlorotrifluoroet	4.45	101	1115936	10.799	ppbv 99
13) Ethanol	3.56	45	136215	7.957	ppbv 99
14) Bromoethene	3.70	108	496554	11.147	ppbv 98
15) Acetone	3.81	43	1221296	9.751	ppbv 98
16) 1,3-Butadiene	3.28	39	612732	11.154	ppbv 98
17) tert-Butyl alcohol	4.26	59	1327657	11.961	ppbv 99
18) 1,1-Dichloroethene	4.25	96	513137	11.010	ppbv 96
19) Isopropyl Alcohol	3.93	45	908508	11.171	ppbv 99
20) Methylene Chloride	4.31	84	468993	9.252	ppbv 94
21) Allyl Chloride	4.38	41	876872	11.780	ppbv 99
22) trans-1,2-Dichloroethene	4.86	96	508510	11.662	ppbv 97
23) Vinyl Acetate	5.05	43	1781293	11.717	ppbv 100
24) 1,1-Dichloroethane	4.98	63	1352753	10.554	ppbv 99
25) Ethyl Acetate	5.65	43	2344788	10.373	ppbv 99
26) Hexane	5.67	57	1044934	10.253	ppbv 99
27) Carbon Disulfide	4.52	76	1444204	13.694	ppbv 99
28) Methyl tert-Butyl Ether	5.00	73	1634993	11.418	ppbv 100
29) Chloroform	5.74	83	1607332	10.078	ppbv 98
30) Cyclohexane	7.12	84	862187	11.788	ppbv 99
31) cis-1,2-Dichloroethene	5.53	61	1045792	11.132	ppbv 93
32) 1,1,1-Trichloroethane	6.50	97	1587344	10.731	ppbv 99
34) 2-Butanone	5.22	43	1472511	10.458	ppbv 99
35) Carbon Tetrachloride	7.01	117	1639639	11.151	ppbv 96
36) Benzene	6.89	78	2046562	10.780	ppbv 99
37) 1,2-Dichloroethane	6.30	62	1267844	10.567	ppbv 99
38) Trichloroethene	7.83	130	812102	11.013	ppbv 97
39) 1,2-Dichloropropane	7.61	63	799960	10.773	ppbv 98
40) 1,4-Dioxane	7.83	88	307732	10.507	ppbv # 96
41) Tetrahydrofuran	6.03	42	816369	11.352	ppbv 100
42) Bromodichloromethane	7.79	83	1719032	11.062	ppbv 95
43) Methyl Methacrylate	8.01	69	925943	11.522	ppbv 99

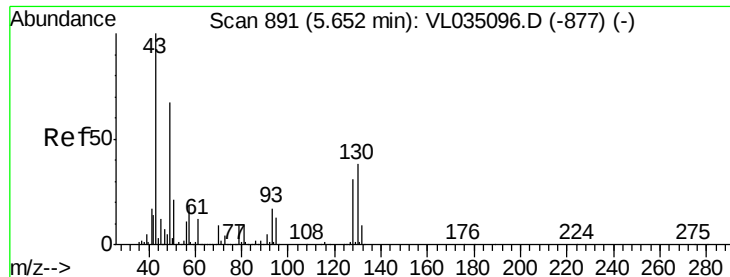
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070620\
 Data File : VL035165.D
 Acq On : 7 Jul 2020 5:54
 Operator : SY/AP
 Sample : VL0706ABS01
 Misc : 400ml/MSVOA L
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Quant Time: Jul 07 06:34:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Sat Jun 20 02:10:36 2020
 QLast Update : Sat Jun 20 02:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	3493207	10.542	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	1039378	13.290	ppbv	99
46) cis-1,3-Dichloropropene	8.71	75	1229122	12.651	ppbv	95
47) 1,1,2-Trichloroethane	9.49	97	830631	10.250	ppbv	96
48) Dibromochloromethane	10.32	129	1420016	11.754	ppbv	100
49) Bromoform	13.07	173	1189526	11.590	ppbv	99
50) 4-Methyl-2-Pentanone	8.74	43	2187038	10.933	ppbv	100
51) 2-Hexanone	10.14	43	1744768	11.137	ppbv #	100
52) Tetrachloroethene	11.24	164	724663	10.833	ppbv	96
53) Toluene	9.82	91	2357101	11.640	ppbv	98
54) 1,2-Dibromoethane	10.63	107	1269443	10.579	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.15	131	1046963	8.565	ppbv #	57
57) Chlorobenzene	12.17	112	1768890	8.048	ppbv	99
58) Ethyl Benzene	12.73	91	3102597	9.245	ppbv	99
59) m/p-Xylene	13.01	91	2842319	9.556	ppbv #	31
60) o-Xylene	13.71	91	2516770	8.500	ppbv	99
61) Styrene	13.55	104	1767980	9.489	ppbv	99
62) Isopropylbenzene	14.69	105	3715240	8.408	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.70	83	1744674	7.275	ppbv	99
64) n-propylbenzene	15.59	120	960114	8.515	ppbv	94
65) tert-Butylbenzene	16.77	119	3205868	8.473	ppbv	100
66) Benzyl Chloride	17.02	91	1256129	10.747	ppbv	100
67) sec-Butylbenzene	17.32	105	4569158	8.426	ppbv	100
69) p-Isopropyltoluene	17.68	119	3844883	8.889	ppbv	99
70) n-Butylbenzene	18.58	91	4075722	8.747	ppbv	99
71) 2-Chlorotoluene	15.48	91	2854873	8.548	ppbv	99
72) 4-Ethyltoluene	15.86	105	2945726	8.943	ppbv	99
73) 1,3,5-Trimethylbenzene	16.02	105	2757563	8.856	ppbv	99
74) 1,2,4-Trimethylbenzene	16.79	105	2890460	8.317	ppbv	97
75) 1,3-Dichlorobenzene	17.03	146	1655346	7.982	ppbv	100
76) 1,4-Dichlorobenzene	17.17	146	1665727	8.396	ppbv	99
77) 1,2-Dichlorobenzene	17.85	146	1607754	8.472	ppbv	100
78) Hexachloro-1,3-Butadiene	23.41	225	1553715	9.109	ppbv	99
79) Naphthalene	22.25	128	3435314	11.275	ppbv	98
80) Naphthalene, 2-methyl-	25.00	142	1355385	11.635	ppbv	99
81) 1,2,4-Trichlorobenzene	21.98	180	1815056	10.327	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.00 min

Lab File: VL035165.D

Acq: 7 Jul 2020 5:54

Instrument :

MSVOA_L

ClientSampleId :

VL0706ABS01

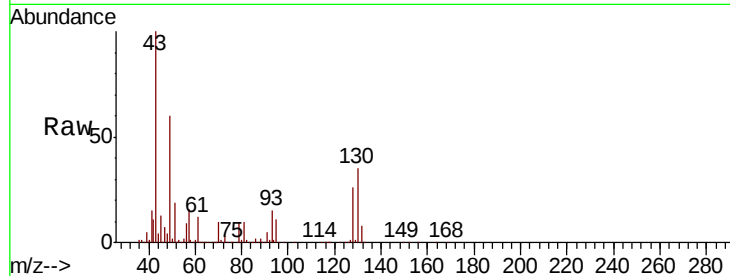
Tot Ion: 49 Resp: 1035965

Ion Ratio Lower Upper

49 100

128 45.9 22.9 68.5

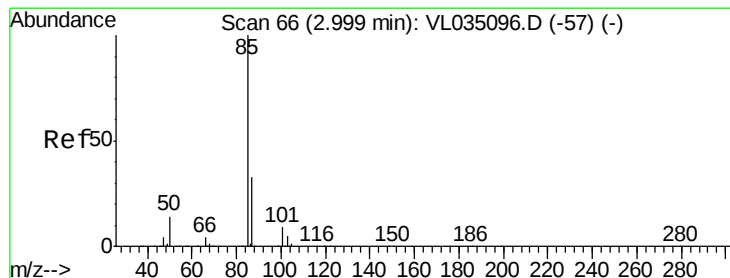
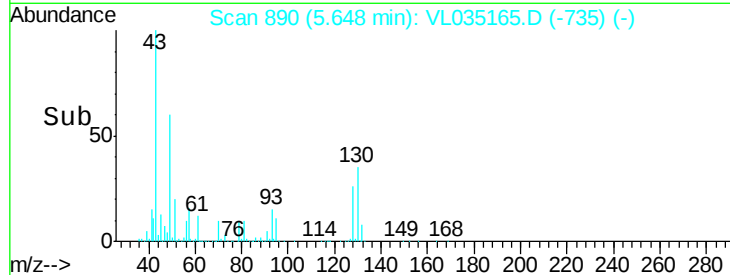
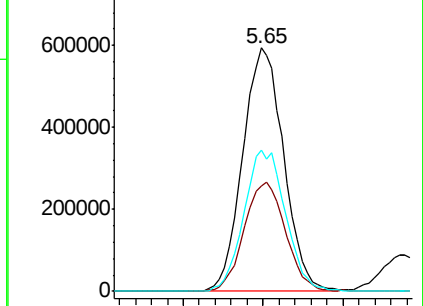
130 59.3 29.0 87.0



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 9.408 ppbv

RT: 3.00 min Scan# 66

Delta R.T. 0.00 min

Lab File: VL035165.D

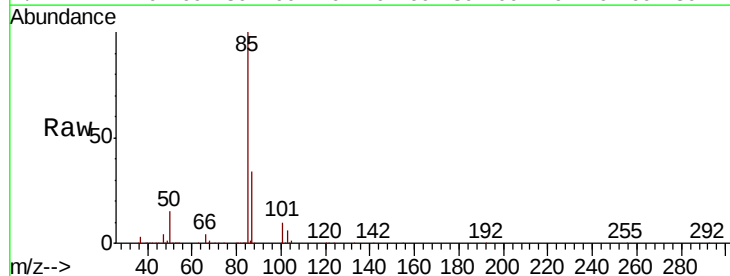
Acq: 7 Jul 2020 5:54

Tgt Ion: 85 Resp: 1316136

Ion Ratio Lower Upper

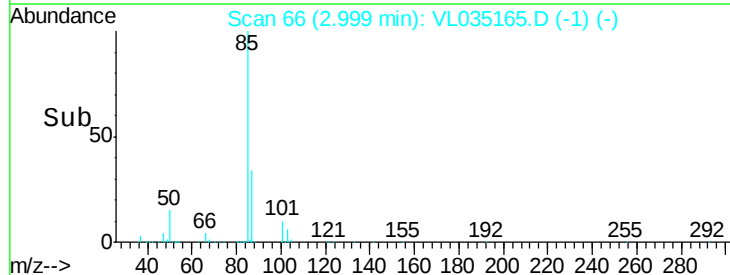
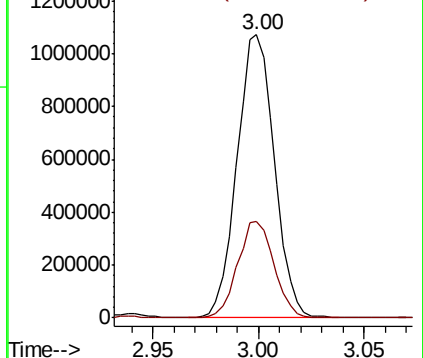
85 100

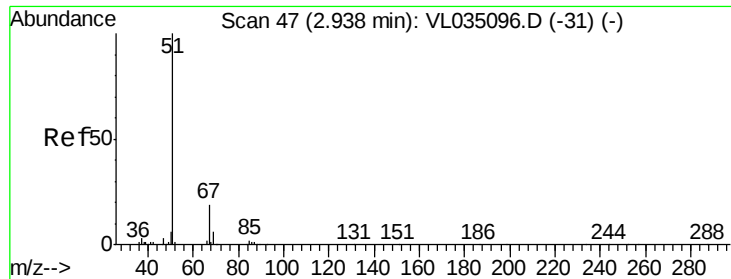
87 34.2 26.1 39.1



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

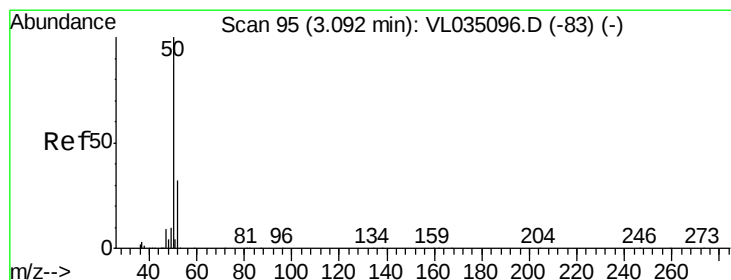
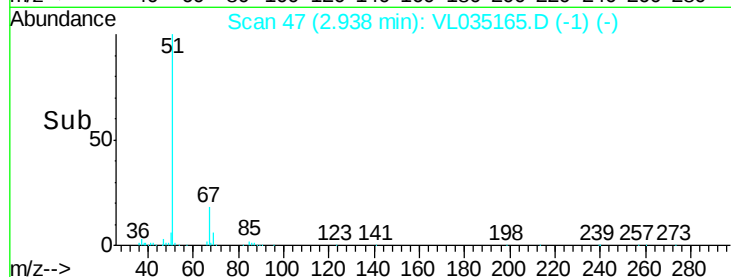
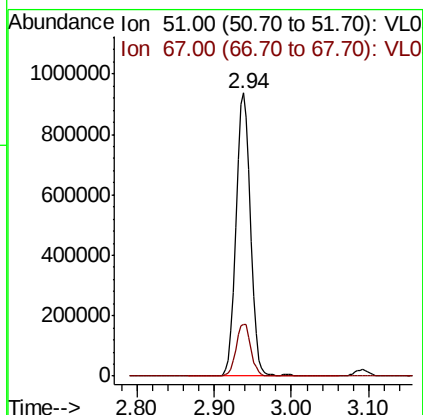
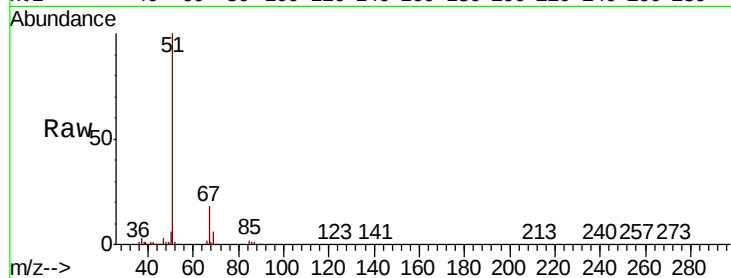




#3
 Chlorodifluoromethane
 Concen: 10.324 ppbv
 RT: 2.94 min Scan# 47
 Delta R.T. 0.00 min
 Lab File: VL035165.D
 Acq: 7 Jul 2020 5:54

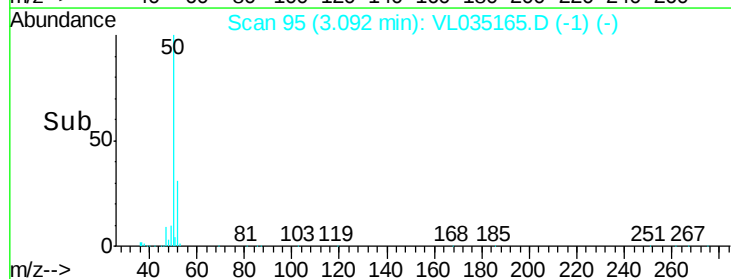
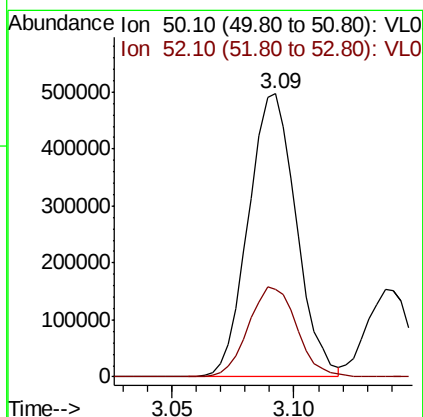
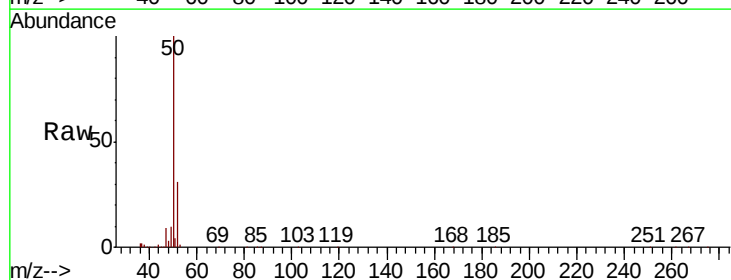
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0706ABS01

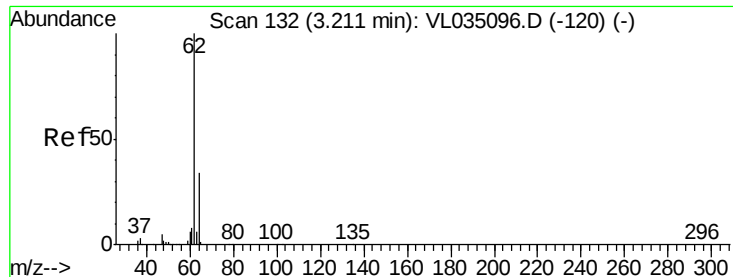
Tot Ion: 51 Resp: 1181530
 Ion Ratio Lower Upper
 51 100
 67 18.7 15.2 22.8



#4
 Chloromethane
 Concen: 10.519 ppbv
 RT: 3.09 min Scan# 95
 Delta R.T. 0.00 min
 Lab File: VL035165.D
 Acq: 7 Jul 2020 5:54

Tgt Ion: 50 Resp: 674841
 Ion Ratio Lower Upper
 50 100
 52 31.1 25.4 38.0





#5

Vinyl Chloride

Concen: 10.832 ppbv

RT: 3.21 min Scan# 131

Delta R.T. -0.00 min

Lab File: VL035165.D

Acq: 7 Jul 2020 5:54

Instrument :

MSVOA_L

ClientSampleId :

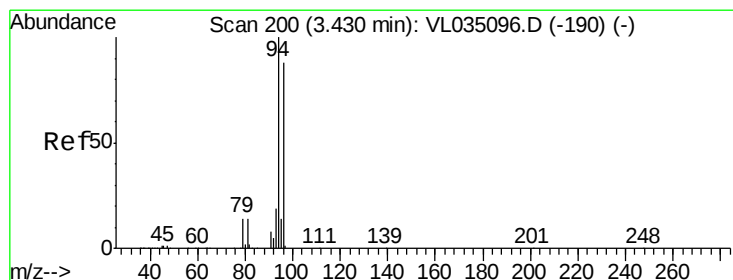
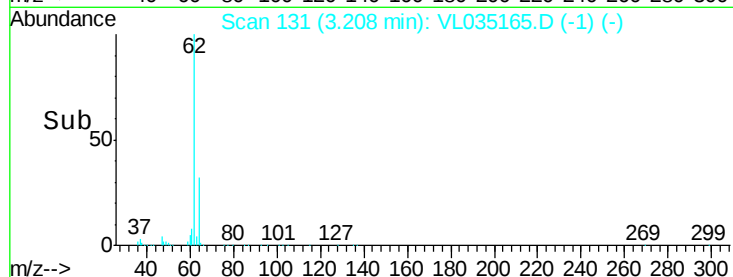
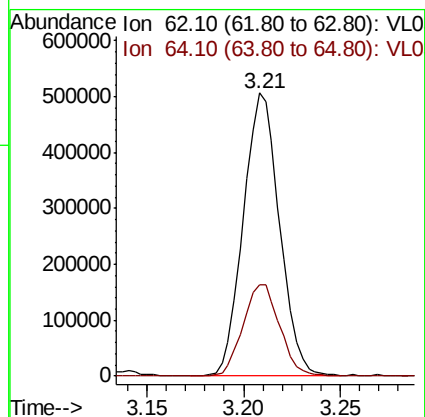
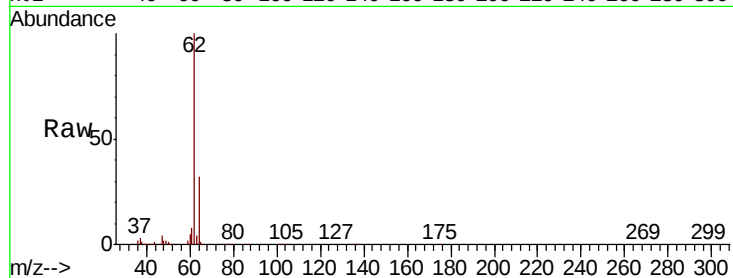
VL0706ABS01

Tot Ion: 62 Resp: 660804

Ion Ratio Lower Upper

62 100

64 32.1 27.0 40.4



#6

Bromomethane

Concen: 10.576 ppbv

RT: 3.43 min Scan# 199

Delta R.T. -0.00 min

Lab File: VL035165.D

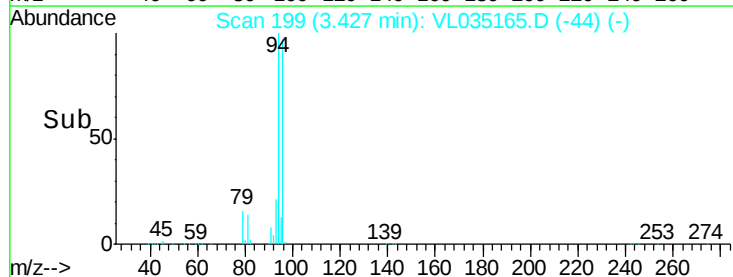
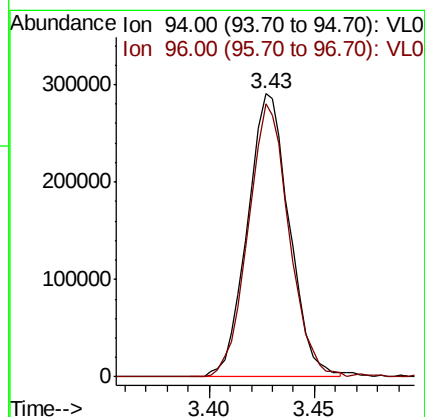
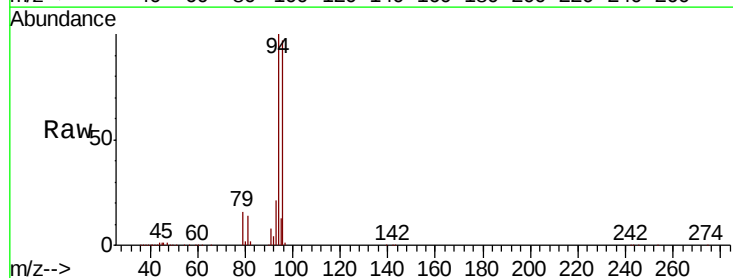
Acq: 7 Jul 2020 5:54

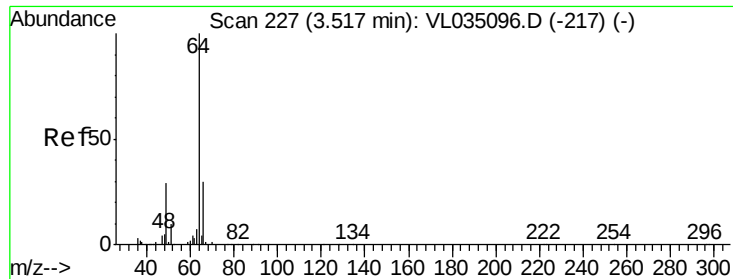
Tgt Ion: 94 Resp: 400660

Ion Ratio Lower Upper

94 100

96 96.7 70.2 105.2





#7

Chloroethane

Concen: 10.755 ppbv

RT: 3.51 min Scan# 226

Delta R.T. -0.00 min

Lab File: VL035165.D

Acq: 7 Jul 2020 5:54

Instrument :

MSVOA_L

ClientSampleId :

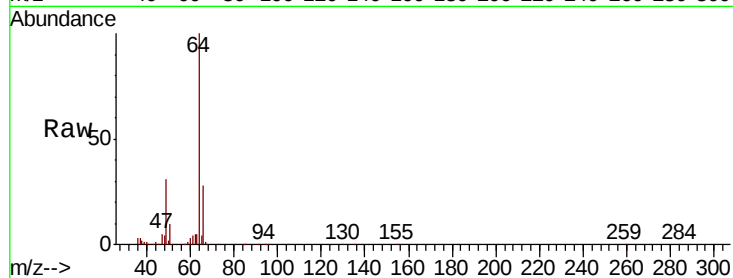
VL0706ABS01

Tot Ion: 64 Resp: 247428

Ion Ratio Lower Upper

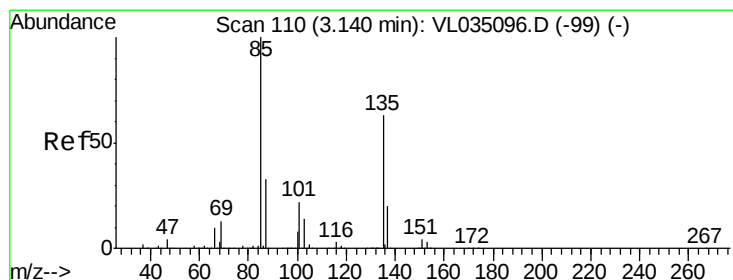
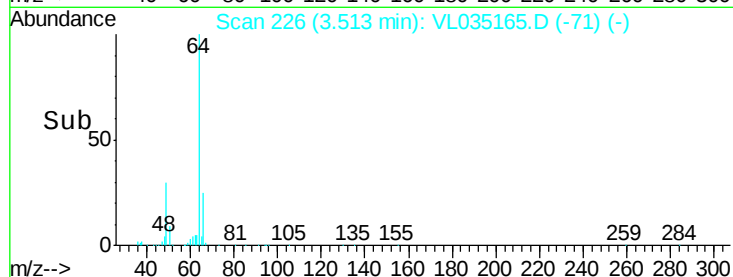
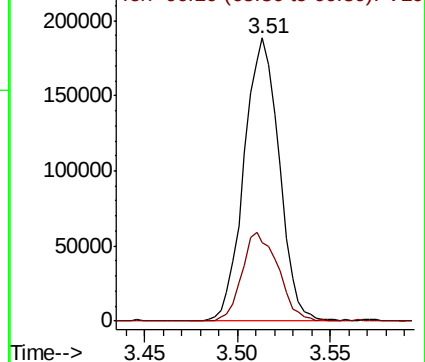
64 100

66 29.0 24.2 36.4



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 10.068 ppbv

RT: 3.14 min Scan# 110

Delta R.T. 0.00 min

Lab File: VL035165.D

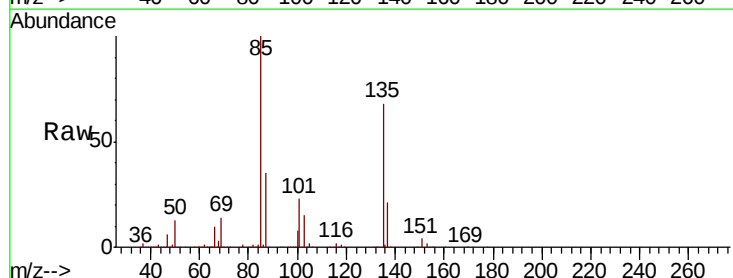
Acq: 7 Jul 2020 5:54

Tgt Ion: 85 Resp: 1510143

Ion Ratio Lower Upper

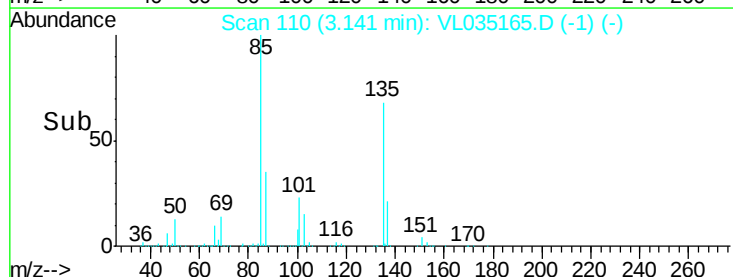
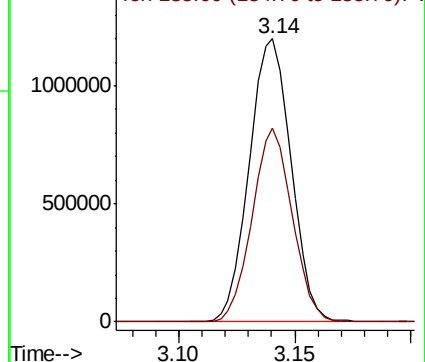
85 100

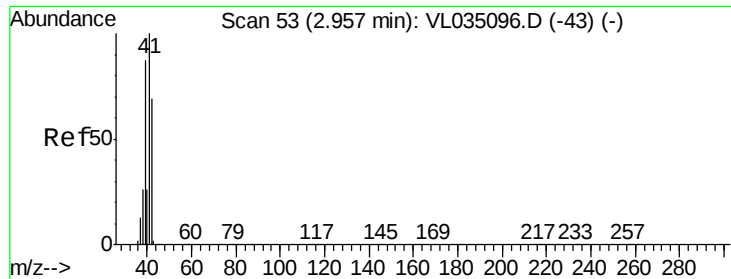
135 65.9 51.0 76.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 11.103 ppbv

RT: 2.96 min Scan# 54

Delta R.T. 0.00 min

Lab File: VL035165.D

Acq: 7 Jul 2020 5:54

Instrument :

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ClientSampleId :

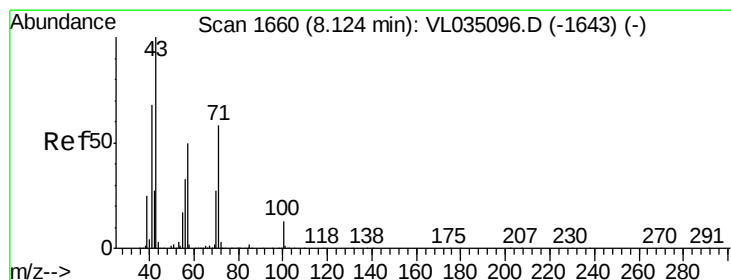
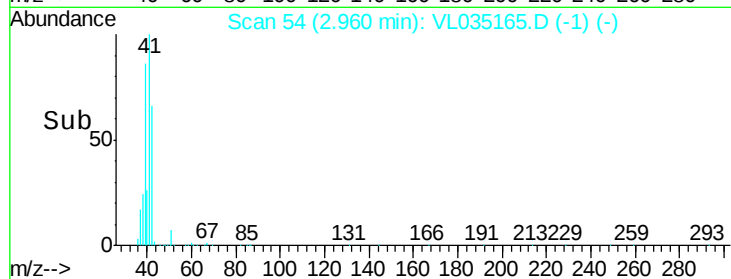
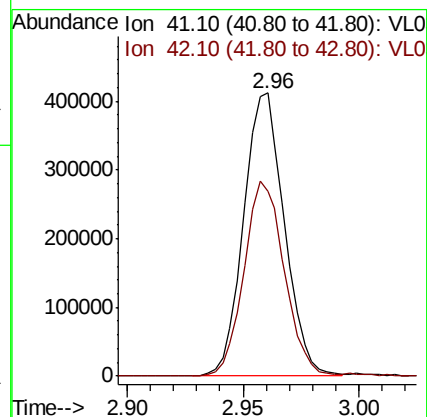
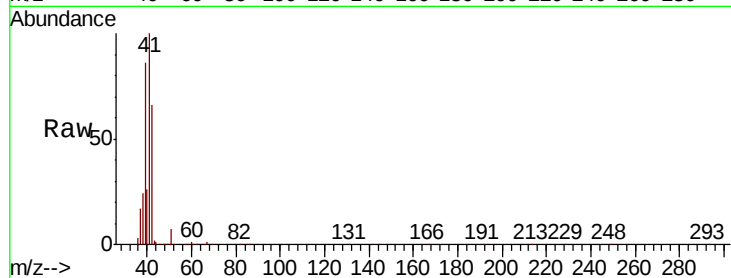
VL0706ABS01

Tot Ion: 41 Resp: 503152

Ion Ratio Lower Upper

41 100

42 69.5 55.8 83.6



#10

Heptane

Concen: 11.255 ppbv

RT: 8.12 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VL035165.D

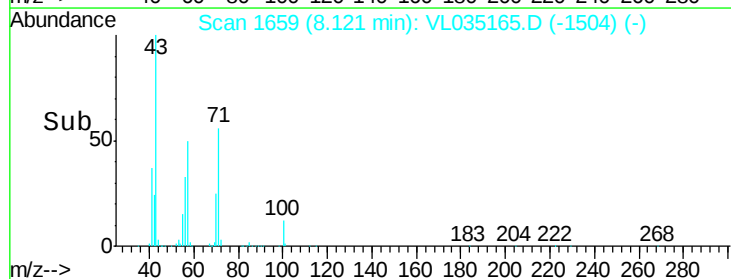
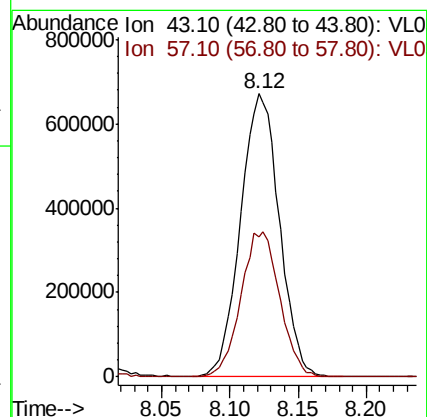
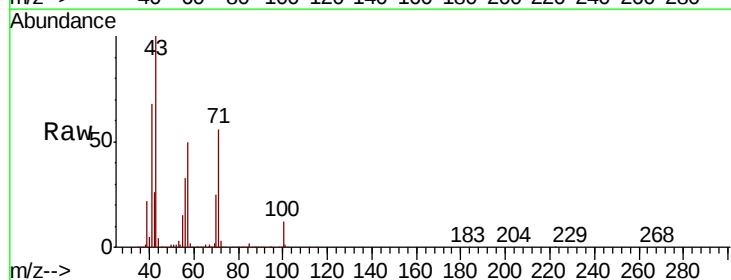
Acq: 7 Jul 2020 5:54

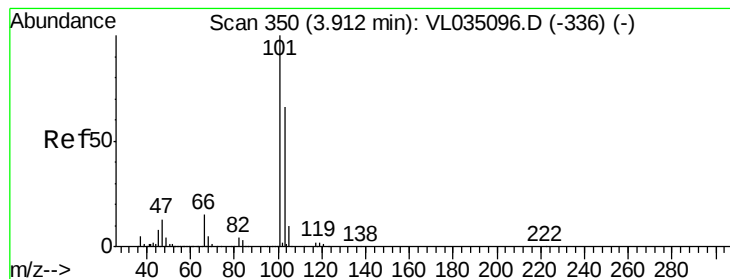
Tgt Ion: 43 Resp: 1321818

Ion Ratio Lower Upper

43 100

57 51.4 41.9 62.9





#11

Trichlorofluoromethane

Concen: 10.481 ppbv

RT: 3.91 min Scan# 349

Delta R.T. -0.00 min

Lab File: VL035165.D

Acq: 7 Jul 2020 5:54

Instrument :

MSVOA_L

ClientSampleId :

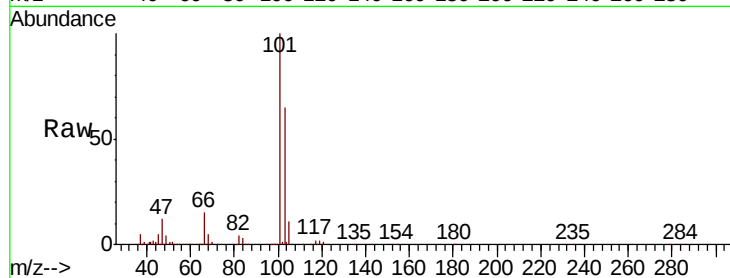
VL0706ABS01

Tot Ion:101 Resp: 1566246

Ion Ratio Lower Upper

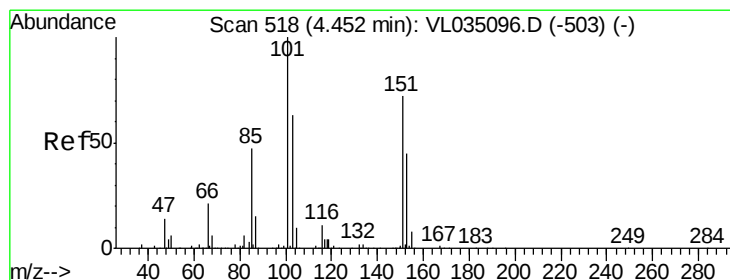
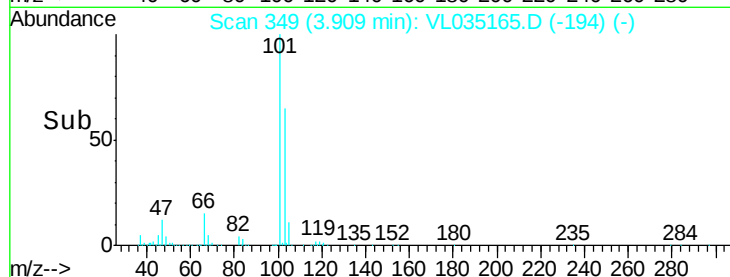
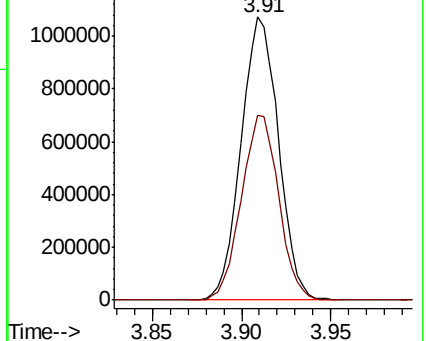
101 100

103 65.5 52.6 79.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 10.799 ppbv

RT: 4.45 min Scan# 518

Delta R.T. 0.00 min

Lab File: VL035165.D

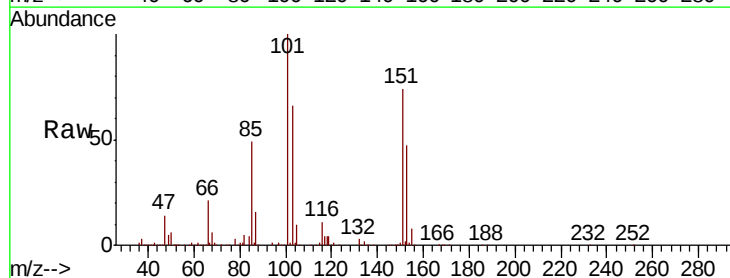
Acq: 7 Jul 2020 5:54

Tgt Ion:101 Resp: 1115936

Ion Ratio Lower Upper

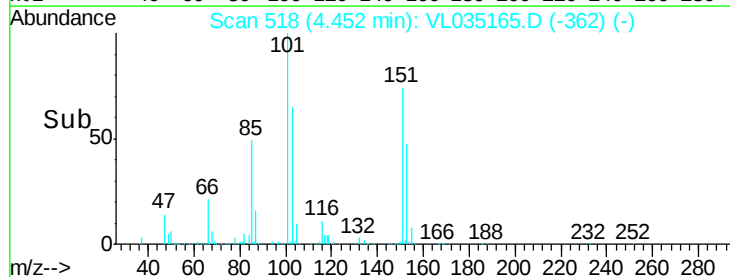
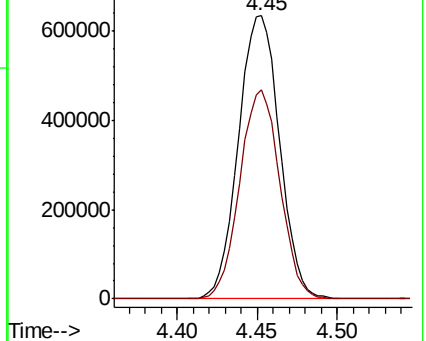
101 100

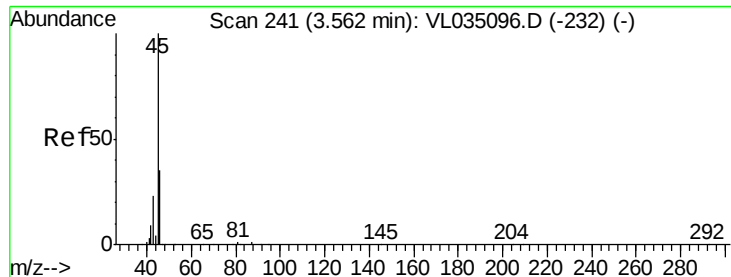
151 71.8 56.6 85.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V

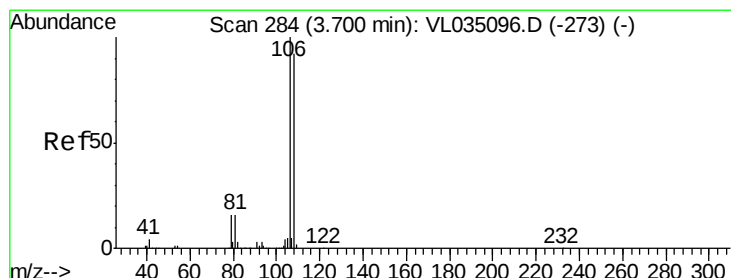
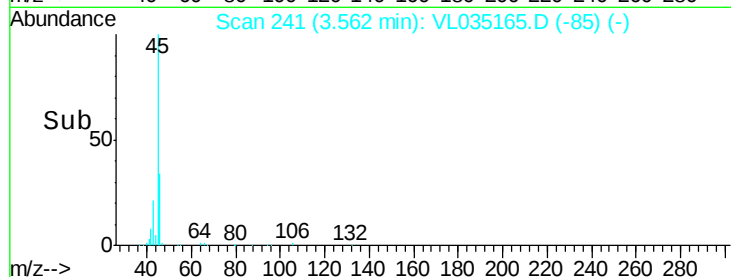
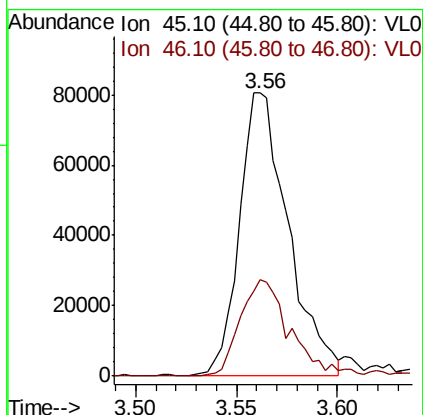
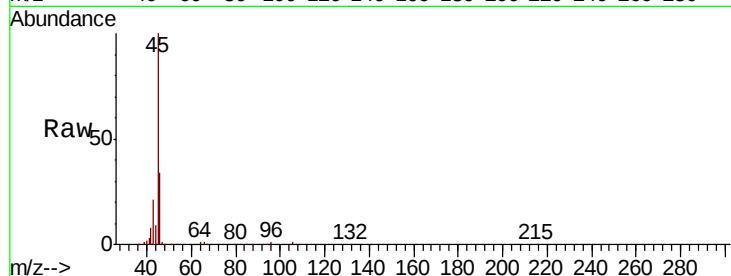




#13
Ethanol
Concen: 7.957 ppbv
RT: 3.56 min Scan# 241
Delta R.T. 0.00 min
Lab File: VL035165.D
Acq: 7 Jul 2020 5:54

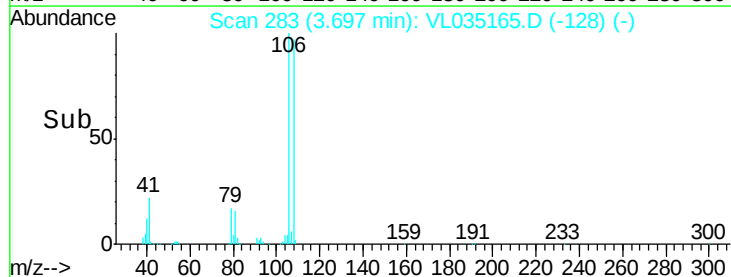
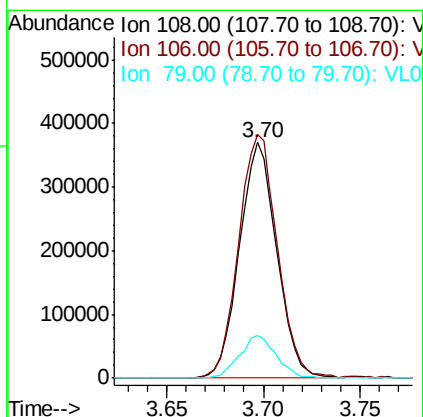
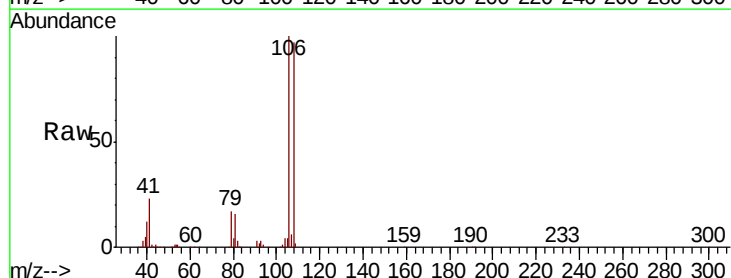
Instrument :
MSVOA_L
ClientSampleId :
VL0706ABS01

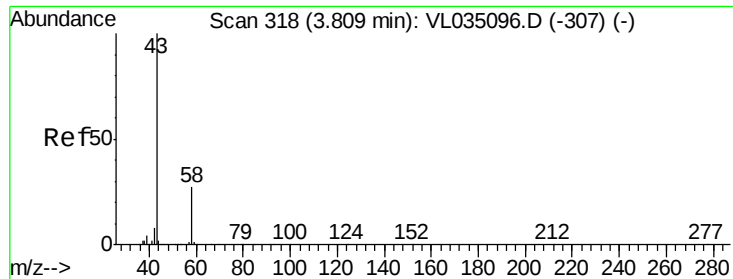
Tot Ion: 45 Resp: 136215
Ion Ratio Lower Upper
45 100
46 36.3 14.2 57.0



#14
Bromoethene
Concen: 11.147 ppbv
RT: 3.70 min Scan# 283
Delta R.T. -0.00 min
Lab File: VL035165.D
Acq: 7 Jul 2020 5:54

Tgt Ion: 108 Resp: 496554
Ion Ratio Lower Upper
108 100
106 107.7 84.4 126.6
79 18.0 14.2 21.2

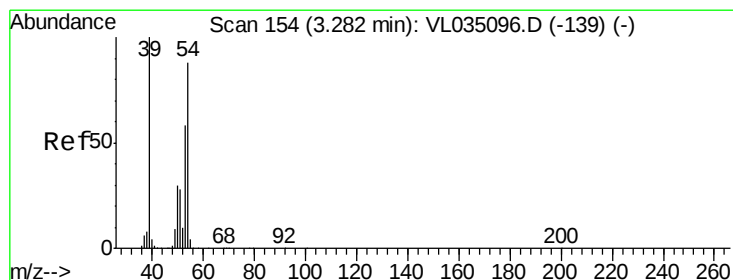
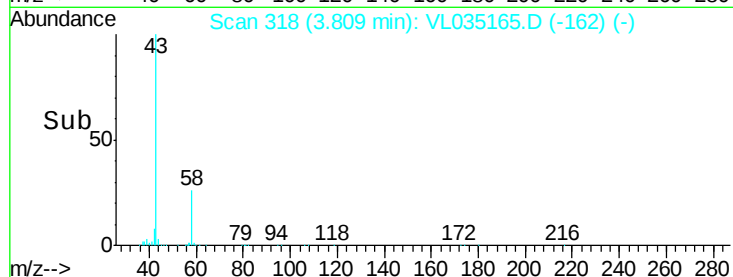
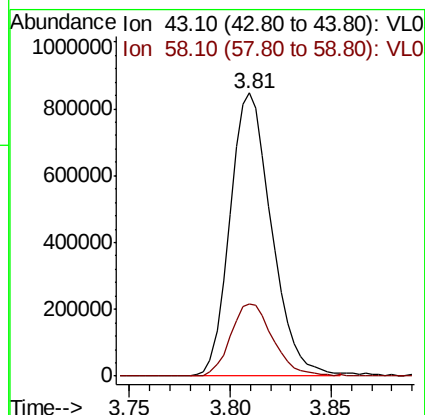
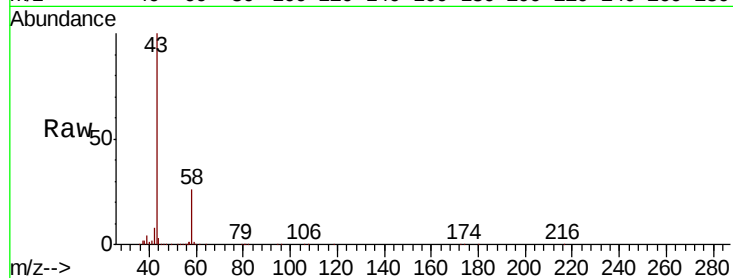




#15
Acetone
Concen: 9.751 ppbv
RT: 3.81 min Scan# 318
Delta R.T. 0.00 min
Lab File: VL035165.D
Acq: 7 Jul 2020 5:54

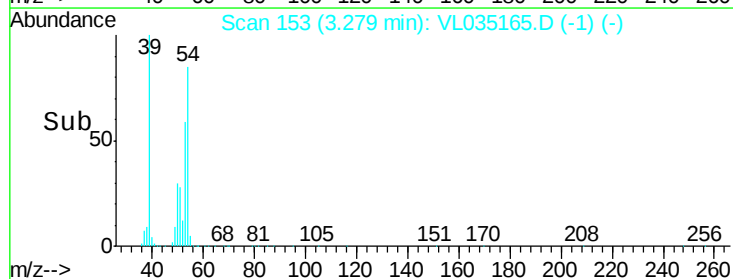
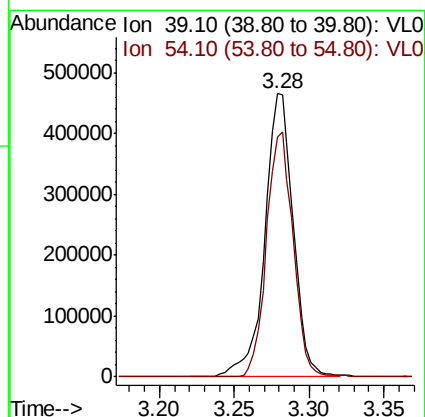
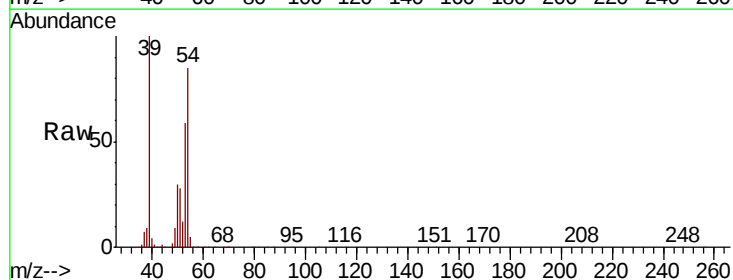
Instrument :
MSVOA_L
ClientSampleId :
VL0706ABS01

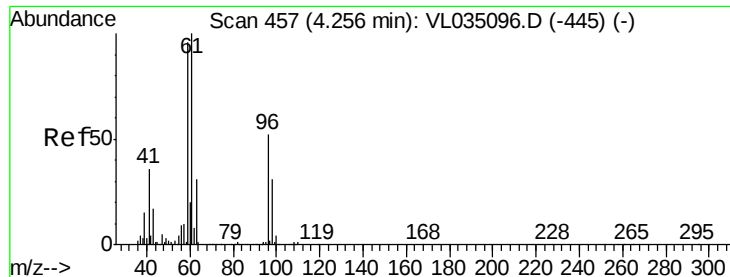
Tot Ion: 43 Resp: 1221296
Ion Ratio Lower Upper
43 100
58 26.2 21.8 32.6



#16
1,3-Butadiene
Concen: 11.154 ppbv
RT: 3.28 min Scan# 153
Delta R.T. -0.00 min
Lab File: VL035165.D
Acq: 7 Jul 2020 5:54

Tgt Ion: 39 Resp: 612732
Ion Ratio Lower Upper
39 100
54 81.8 67.0 100.4



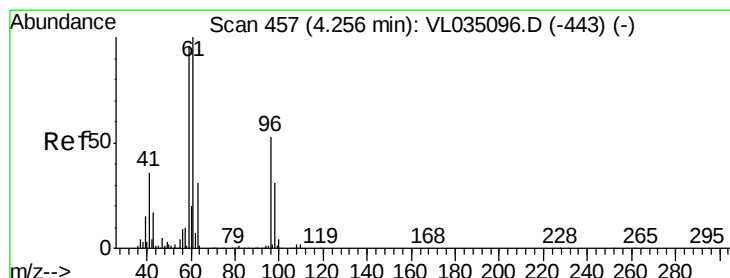
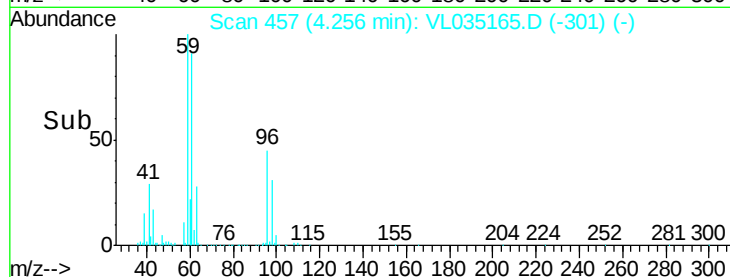
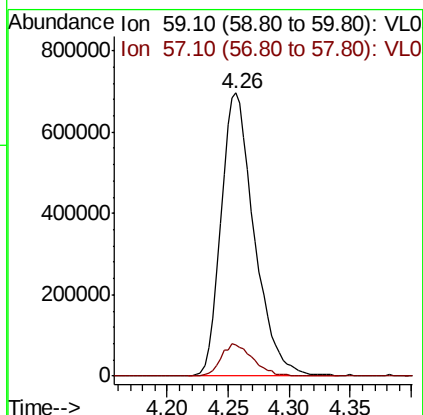
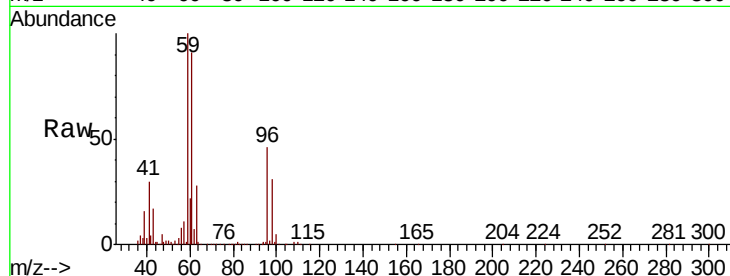


#17

tert-Butyl alcohol
Concen: 11.961 ppbv
RT: 4.26 min Scan# 457
Delta R.T. 0.00 min
Lab File: VL035165.D
Acq: 7 Jul 2020 5:54

Instrument :
MSVOA_L
ClientSampleId :
VL0706ABS01

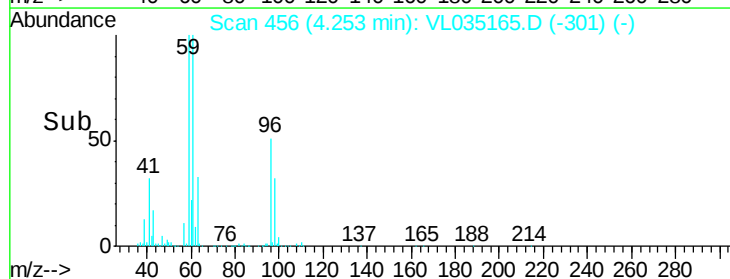
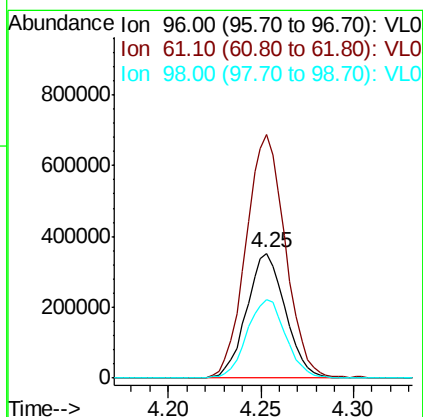
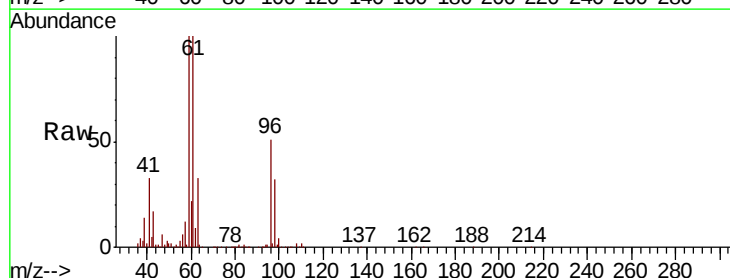
Tot Ion: 59 Resp: 1327657
Ion Ratio Lower Upper
59 100
57 11.1 8.6 12.8

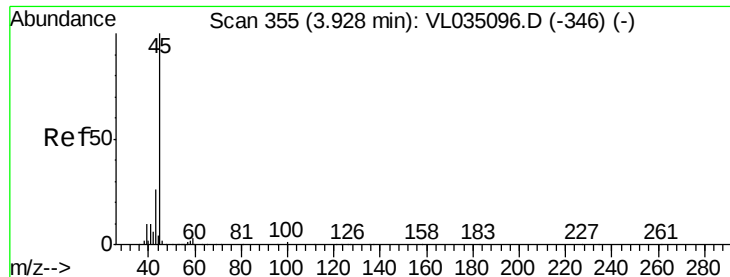


#18

1,1-Dichloroethene
Concen: 11.010 ppbv
RT: 4.25 min Scan# 456
Delta R.T. -0.00 min
Lab File: VL035165.D
Acq: 7 Jul 2020 5:54

Tgt Ion: 96 Resp: 513137
Ion Ratio Lower Upper
96 100
61 195.2 152.2 228.4
98 62.6 47.7 71.5



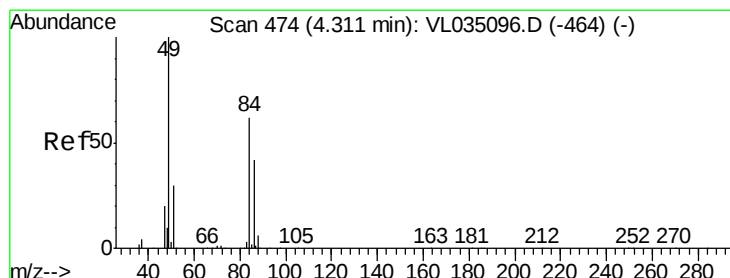
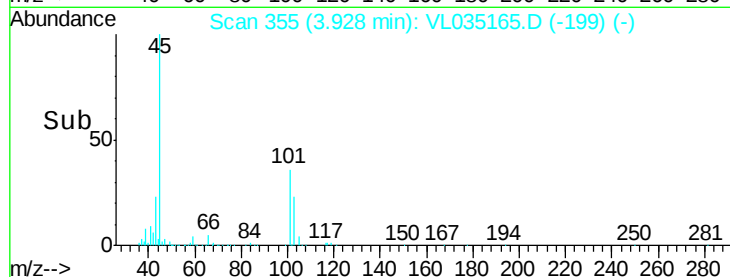
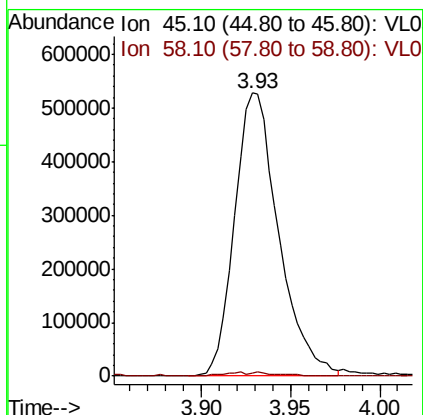
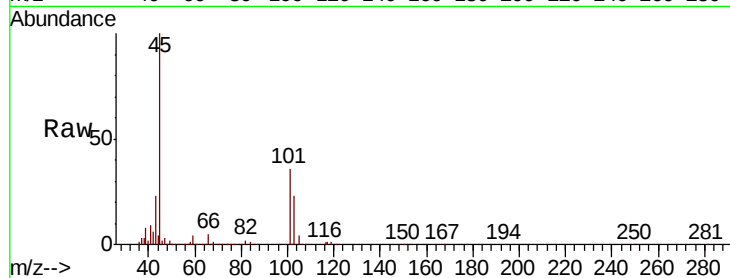


#19

Isopropyl Alcohol
 Concen: 11.171 ppbv
 RT: 3.93 min Scan# 355
 Delta R.T. 0.00 min
 Lab File: VL035165.D
 Acq: 7 Jul 2020 5:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0706ABS01

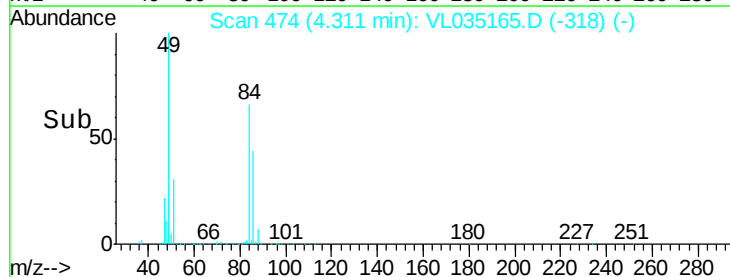
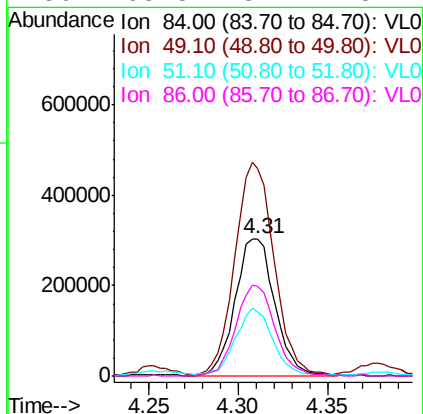
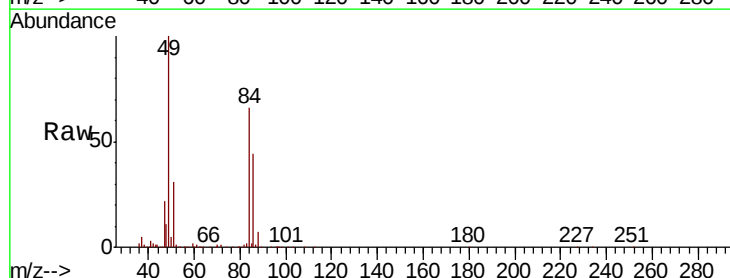
Tot Ion: 45 Resp: 908508
 Ion Ratio Lower Upper
 45 100
 58 2.0 1.8 2.8

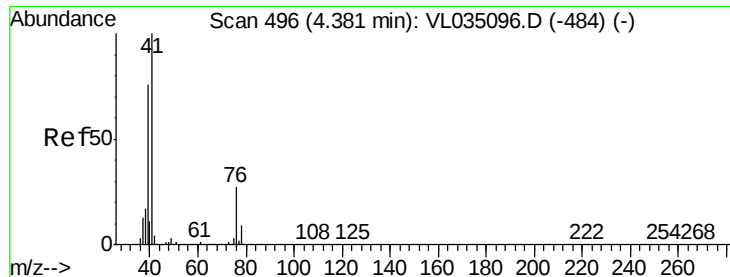


#20

Methylene Chloride
 Concen: 9.252 ppbv
 RT: 4.31 min Scan# 474
 Delta R.T. 0.00 min
 Lab File: VL035165.D
 Acq: 7 Jul 2020 5:54

Tgt Ion: 84 Resp: 468993
 Ion Ratio Lower Upper
 84 100
 49 150.2 128.8 193.2
 51 46.1 38.7 58.1
 86 65.8 54.1 81.1





#21

Allvl Chloride

Concen: 11.780 ppbv

RT: 4.38 min Scan# 495

Delta R.T. -0.00 min

Lab File: VL035165.D

Acq: 7 Jul 2020 5:54

Instrument :

MSVOA_L

ClientSampleId :

VL0706ABS01

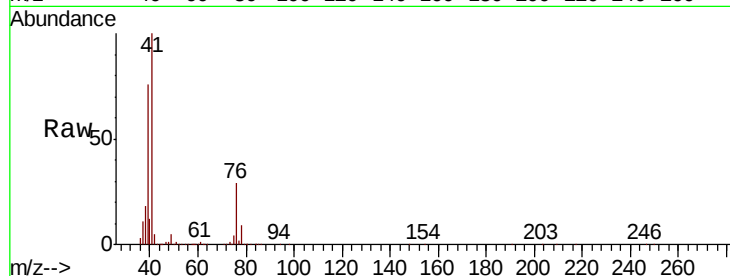
Tot Ion: 41 Resp: 876872

Ion Ratio Lower Upper

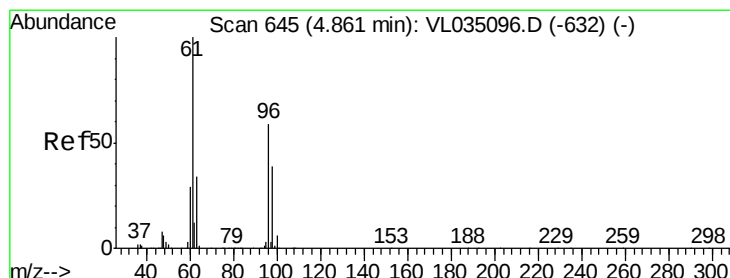
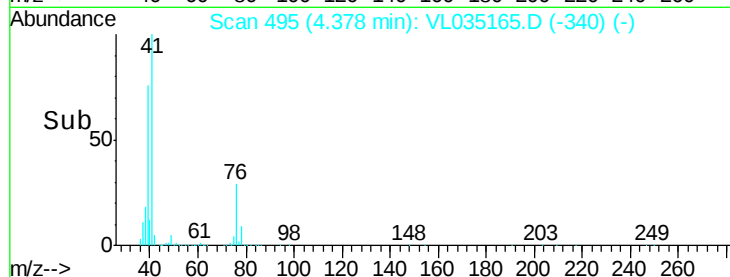
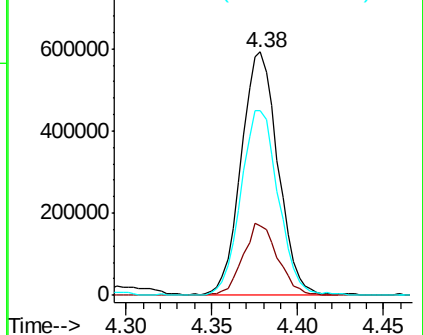
41 100

76 28.2 22.6 34.0

39 77.6 61.6 92.4



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: 11.662 ppbv

RT: 4.86 min Scan# 644

Delta R.T. -0.00 min

Lab File: VL035165.D

Acq: 7 Jul 2020 5:54

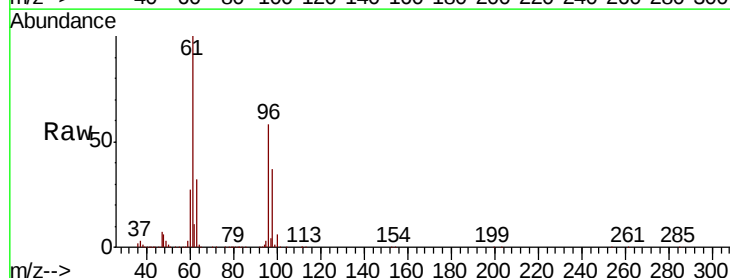
Tgt Ion: 96 Resp: 508510

Ion Ratio Lower Upper

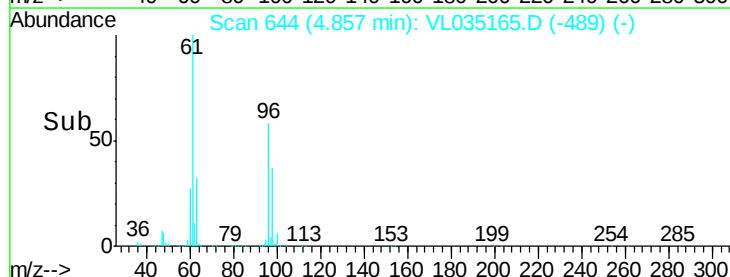
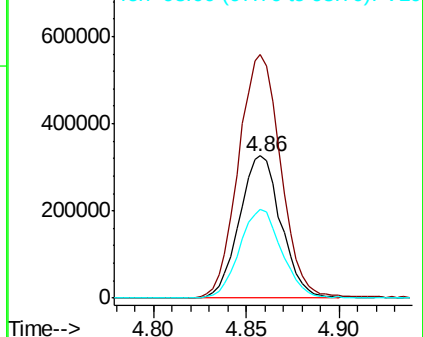
96 100

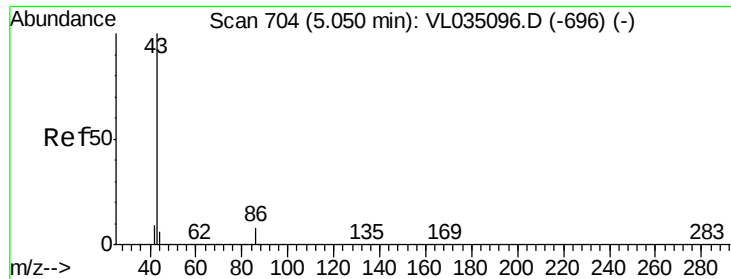
61 171.1 134.5 201.7

98 62.5 52.6 79.0



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



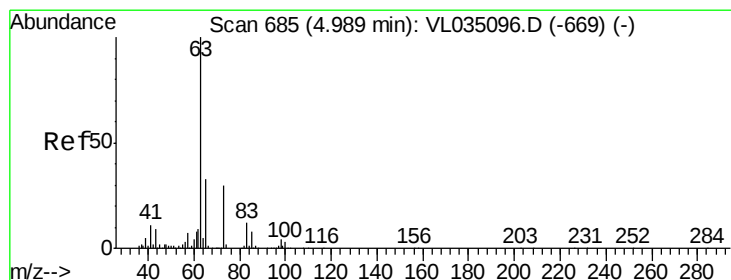
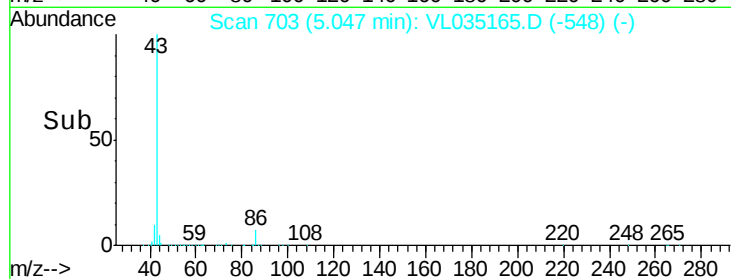
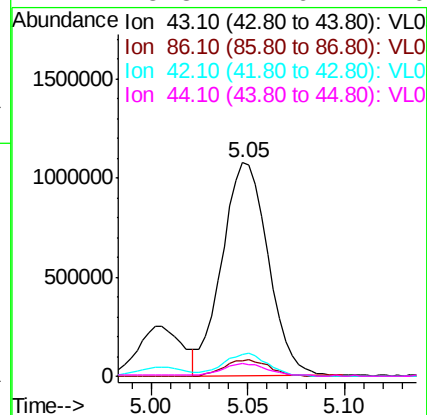
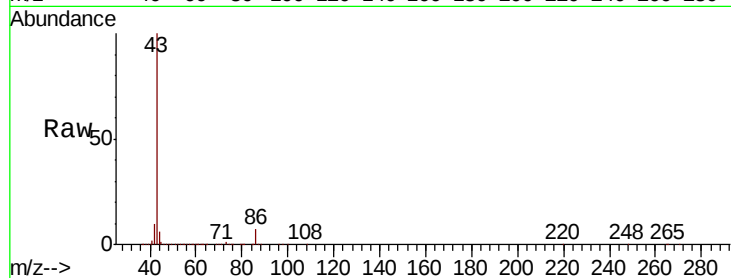


#23
 Vinyl Acetate
 Concen: 11.717 ppbv
 RT: 5.05 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: VL035165.D
 Acq: 7 Jul 2020 5:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0706ABS01

Tot Ion: 43 Resp: 1781293

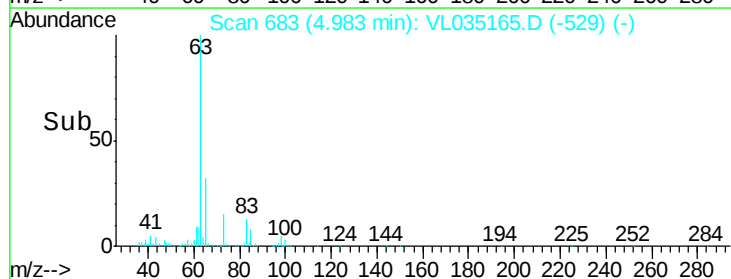
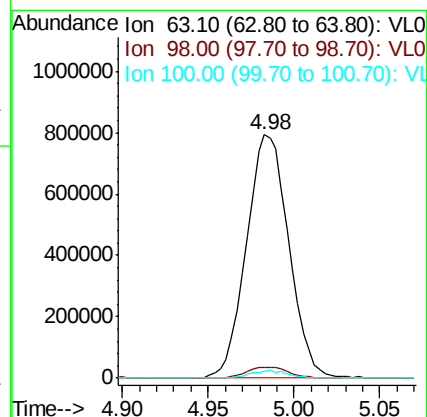
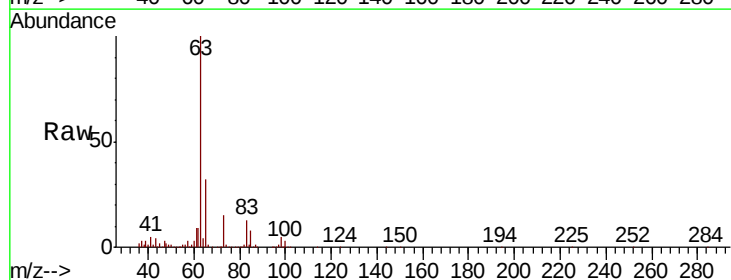
Ion	Ratio	Lower	Upper
43	100		
86	7.5	6.2	9.2
42	10.2	8.1	12.1
44	5.8	4.6	7.0

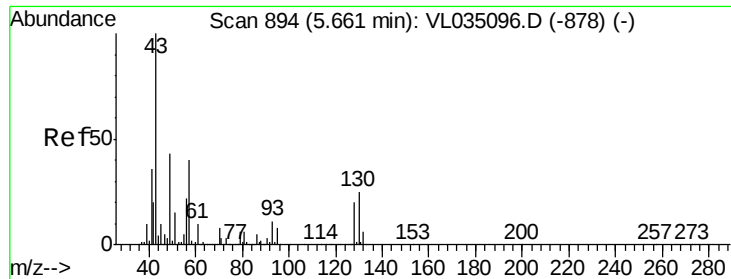


#24
 1,1-Dichloroethane
 Concen: 10.554 ppbv
 RT: 4.98 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: VL035165.D
 Acq: 7 Jul 2020 5:54

Tgt Ion: 63 Resp: 1352753

Ion	Ratio	Lower	Upper
63	100		
98	4.9	2.3	6.9
100	2.6	1.4	4.0

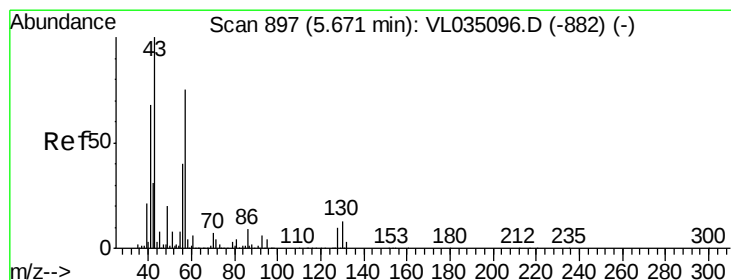
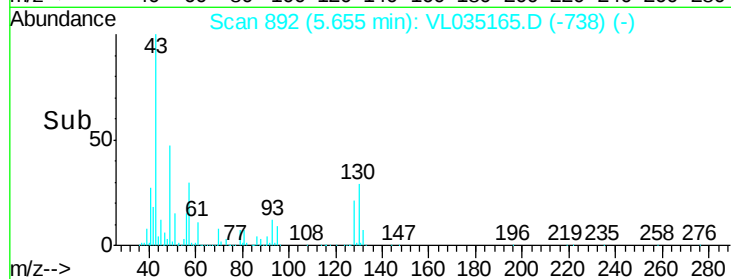
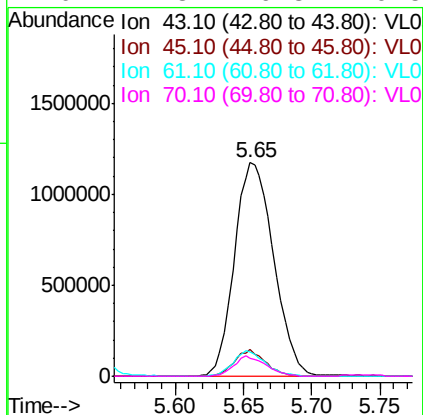
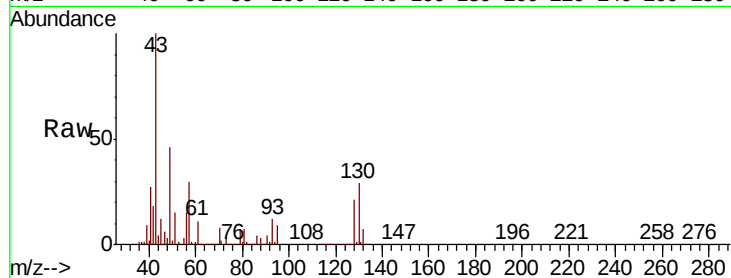




#25
Ethyl Acetate
Concen: 10.373 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.01 min
Lab File: VL035165.D
Acq: 7 Jul 2020 5:54

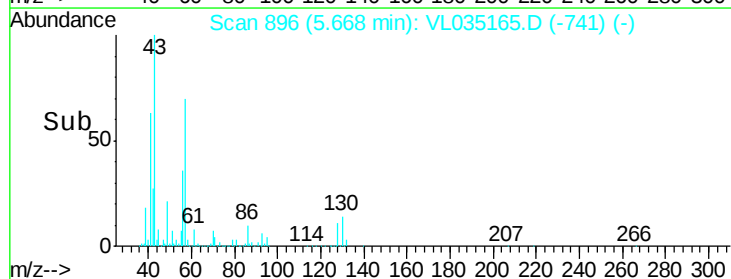
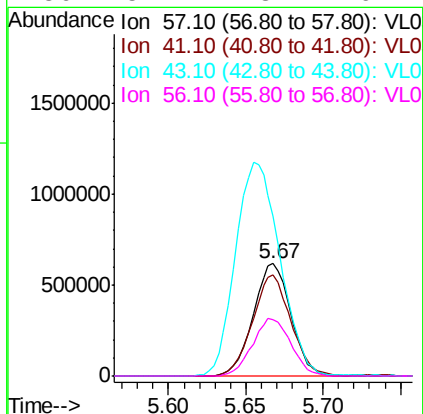
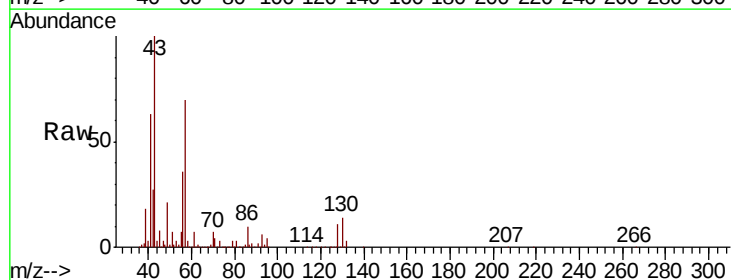
Instrument :
MSVOA_L
ClientSampleId :
VL0706ABS01

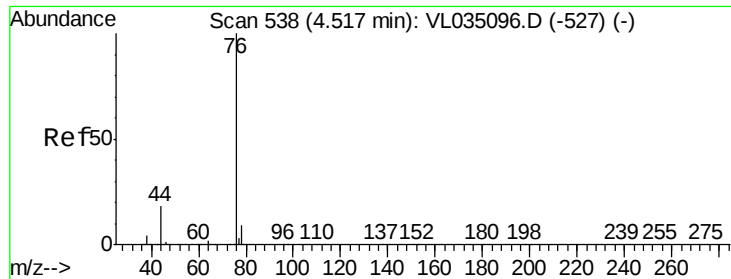
Tot Ion:	43	Resp:	2344788
Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.4	12.6
61	9.8	8.0	12.0
70	7.8	6.3	9.5



#26
Hexane
Concen: 10.253 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.00 min
Lab File: VL035165.D
Acq: 7 Jul 2020 5:54

Tgt Ion:	57	Resp:	1044934
Ion	Ratio	Lower	Upper
57	100		
41	92.9	72.9	109.3
43	224.9	181.3	271.9
56	52.4	43.1	64.7

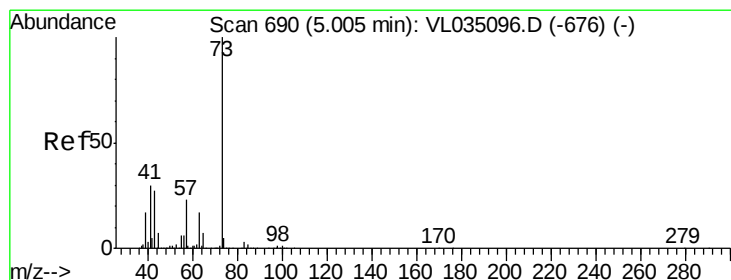
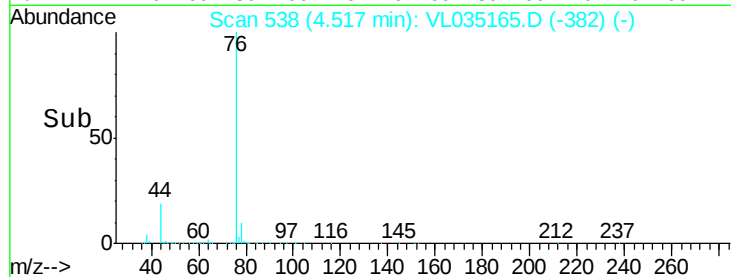
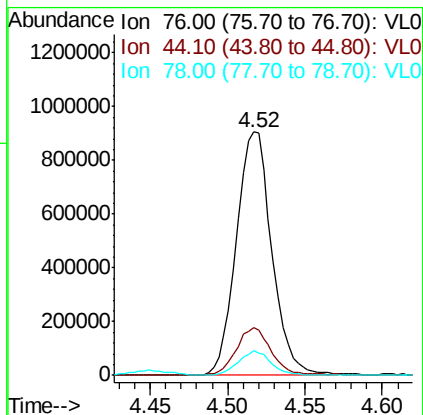
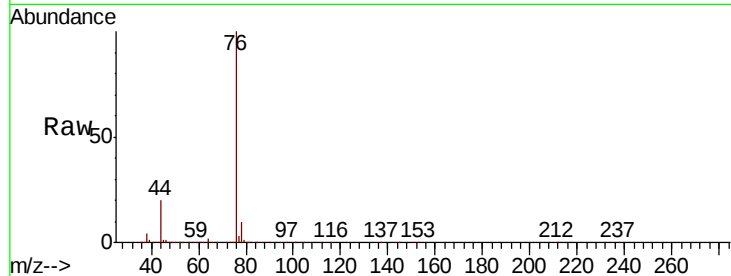




#27
Carbon Disulfide
Concen: 13.694 ppbv
RT: 4.52 min Scan# 538
Delta R.T. 0.00 min
Lab File: VL035165.D
Acq: 7 Jul 2020 5:54

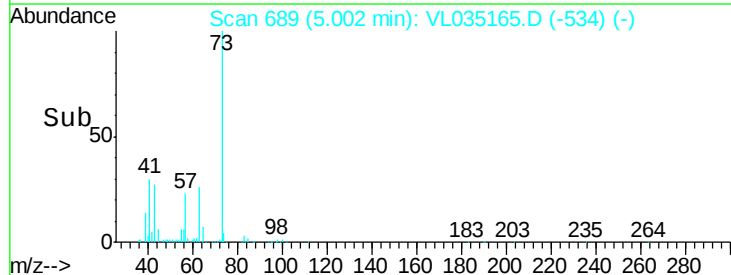
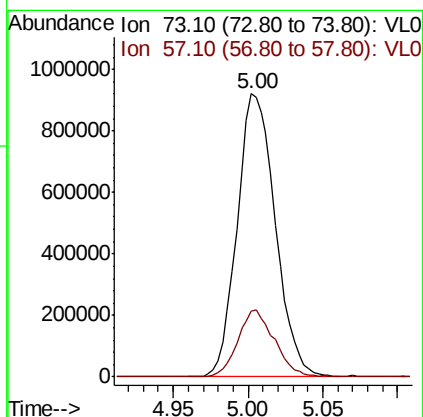
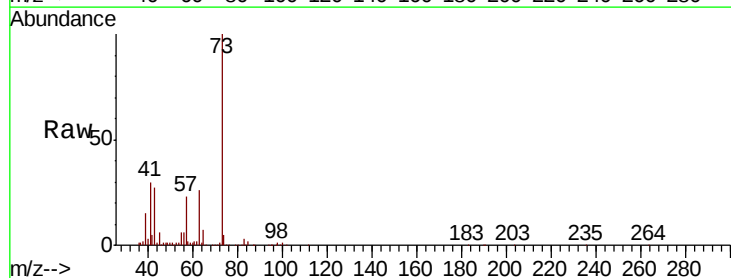
Instrument :
MSVOA_L
ClientSampleId :
VL0706ABS01

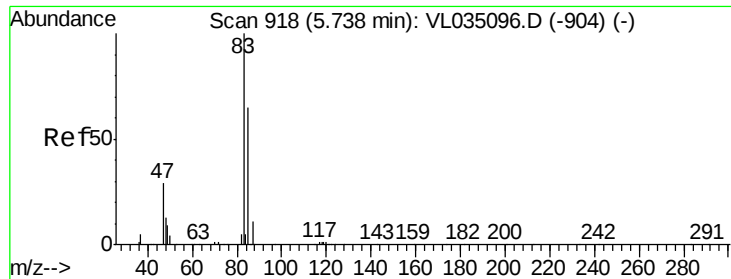
Tot Ion: 76 Resp: 1444204
Ion Ratio Lower Upper
76 100
44 19.0 15.8 23.8
78 9.3 7.6 11.4



#28
Methyl tert-Butyl Ether
Concen: 11.418 ppbv
RT: 5.00 min Scan# 689
Delta R.T. -0.00 min
Lab File: VL035165.D
Acq: 7 Jul 2020 5:54

Tgt Ion: 73 Resp: 1634993
Ion Ratio Lower Upper
73 100
57 22.9 18.5 27.7

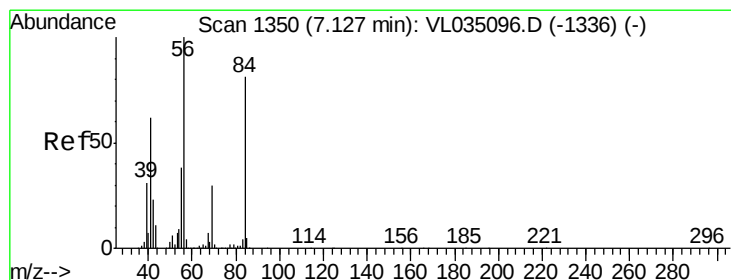
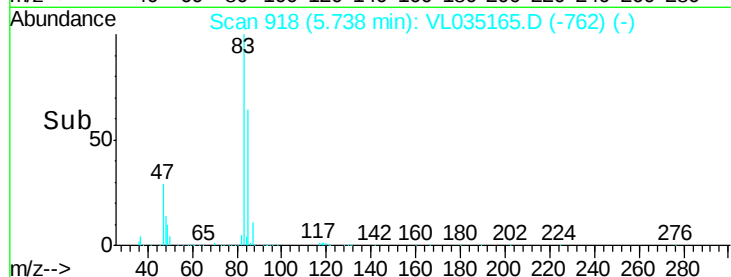
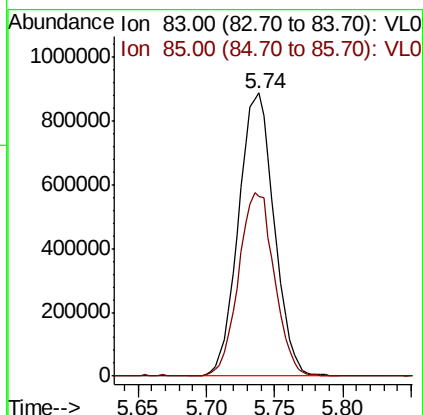
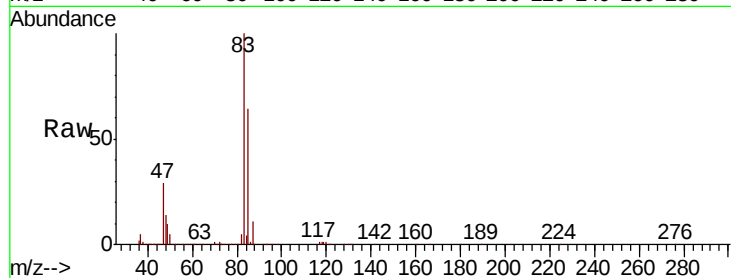




#29
Chloroform
Concen: 10.078 ppbv
RT: 5.74 min Scan# 918
Delta R.T. 0.00 min
Lab File: VL035165.D
Acq: 7 Jul 2020 5:54

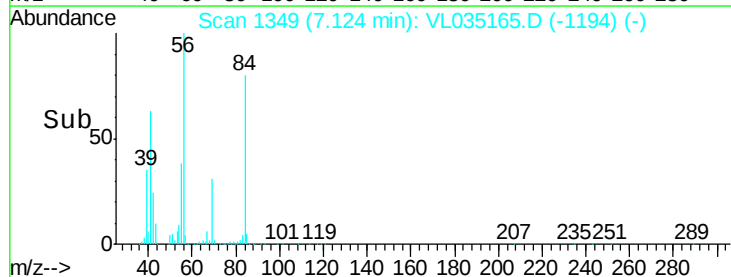
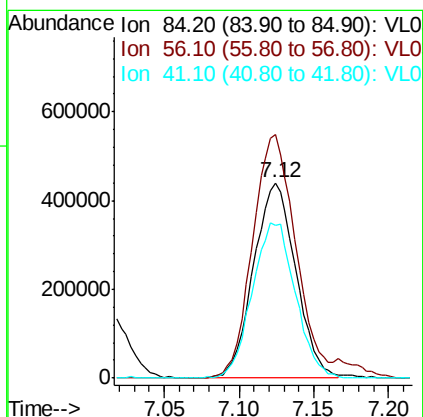
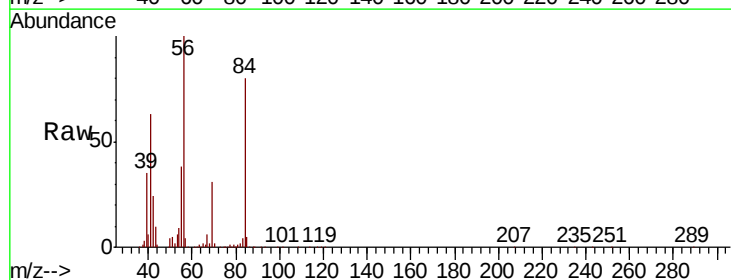
Instrument :
MSVOA_L
ClientSampleId :
VL0706ABS01

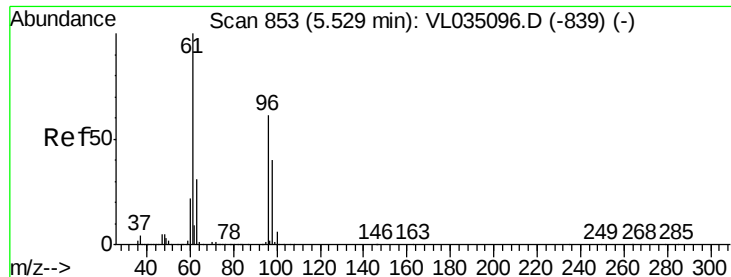
Tot Ion: 83 Resp: 1607332
Ion Ratio Lower Upper
83 100
85 63.4 52.1 78.1



#30
Cyclohexane
Concen: 11.788 ppbv
RT: 7.12 min Scan# 1349
Delta R.T. -0.00 min
Lab File: VL035165.D
Acq: 7 Jul 2020 5:54

Tgt Ion: 84 Resp: 862187
Ion Ratio Lower Upper
84 100
56 133.4 108.0 162.0
41 81.7 65.6 98.4



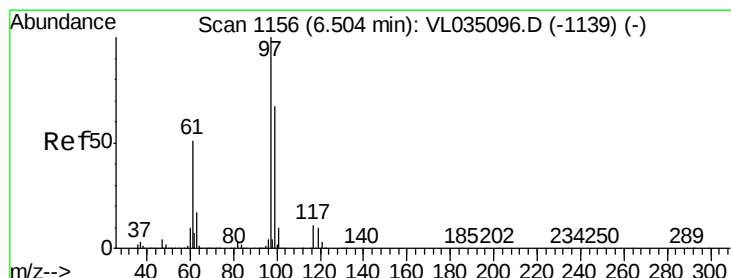
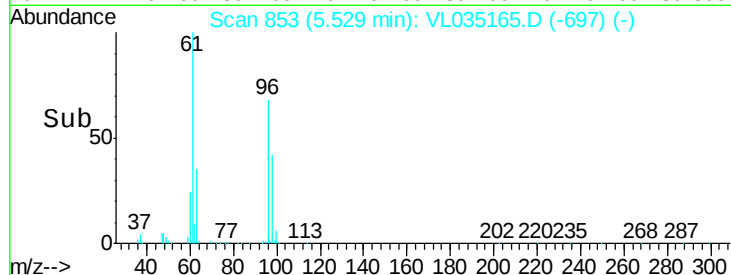
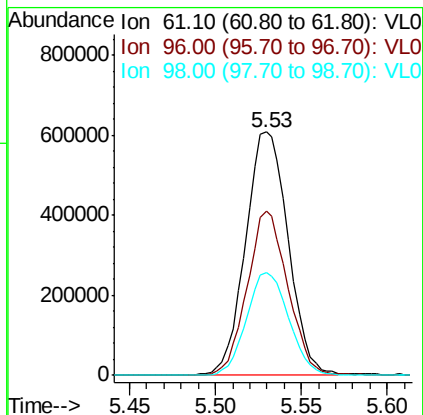
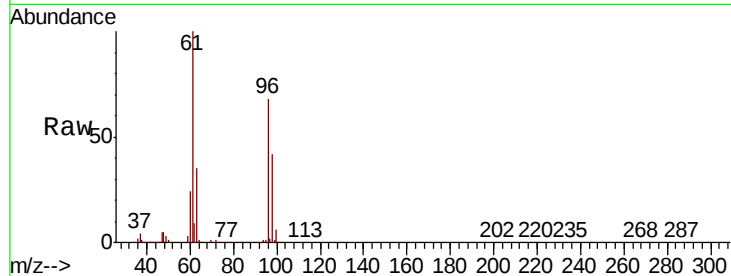


#31

cis-1,2-Dichloroethene
Concen: 11.132 ppbv
RT: 5.53 min Scan# 853
Delta R.T. 0.00 min
Lab File: VL035165.D
Acq: 7 Jul 2020 5:54

Instrument :
MSVOA_L
ClientSampleId :
VL0706ABS01

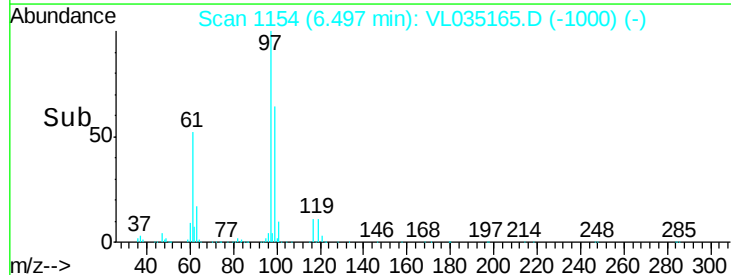
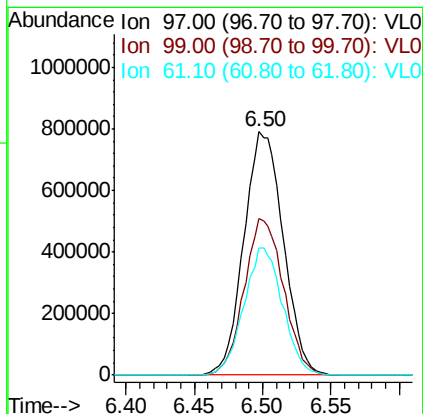
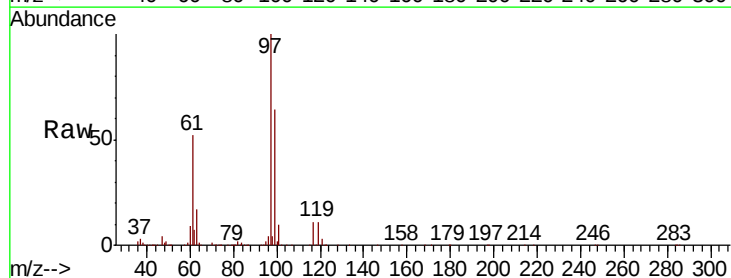
Tot Ion: 61 Resp: 1045792
Ion Ratio Lower Upper
61 100
96 67.6 48.8 73.2
98 42.1 31.9 47.9

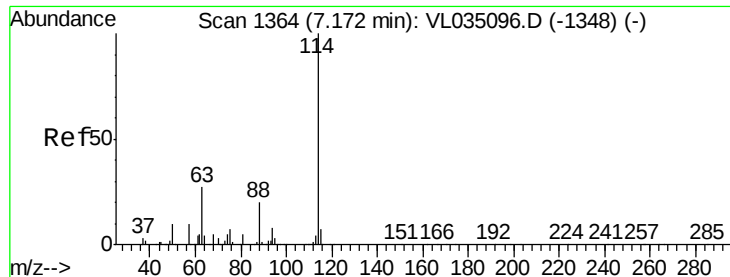


#32

1,1,1-Trichloroethane
Concen: 10.731 ppbv
RT: 6.50 min Scan# 1154
Delta R.T. -0.01 min
Lab File: VL035165.D
Acq: 7 Jul 2020 5:54

Tgt Ion: 97 Resp: 1587344
Ion Ratio Lower Upper
97 100
99 64.1 52.0 78.0
61 51.6 41.0 61.6

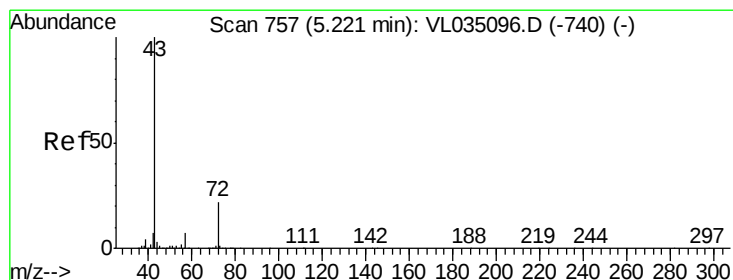
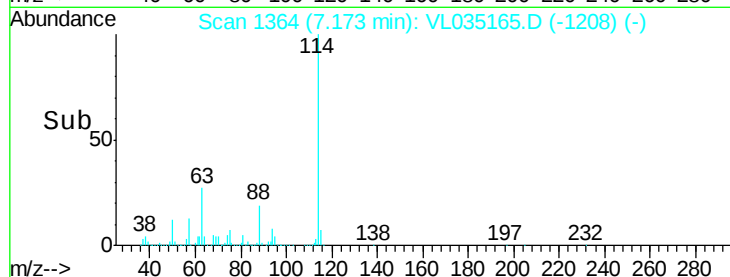
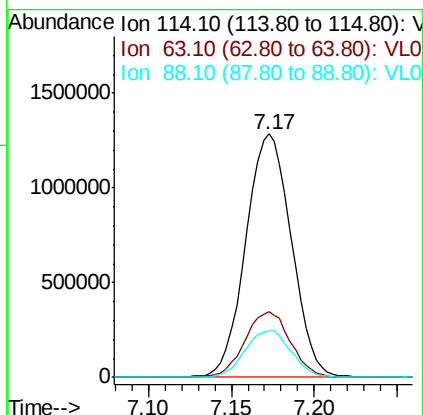
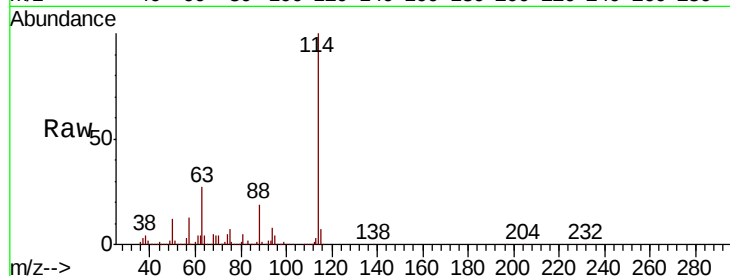




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VL035165.D
 Acq: 7 Jul 2020 5:54

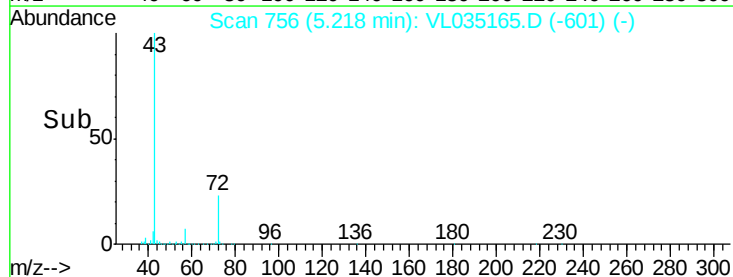
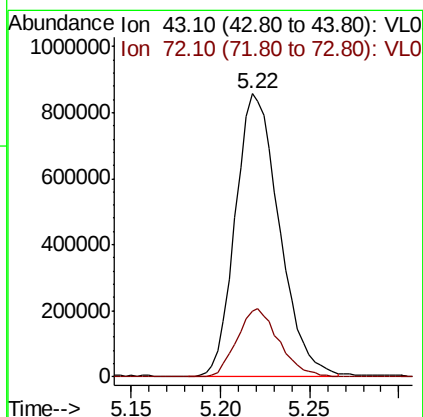
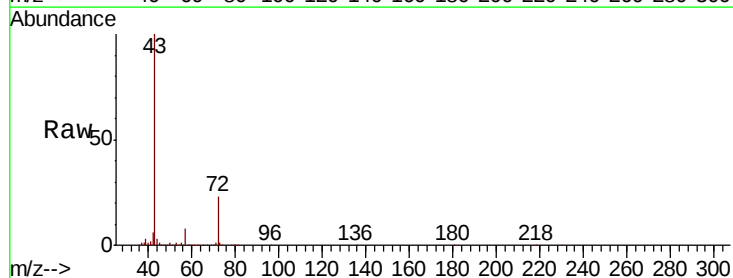
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0706ABS01

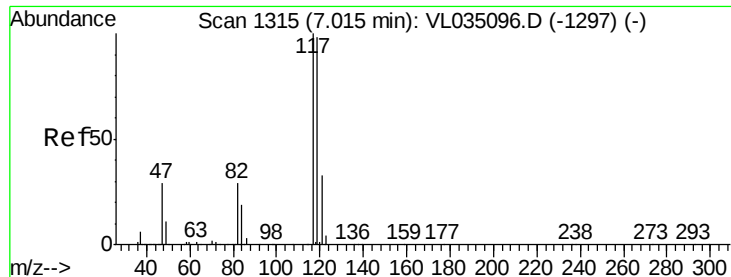
Tot Ion:114 Resp: 2451736
 Ion Ratio Lower Upper
 114 100
 63 27.3 21.9 32.9
 88 19.4 15.6 23.4



#34
 2-Butanone
 Concen: 10.458 ppbv
 RT: 5.22 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: VL035165.D
 Acq: 7 Jul 2020 5:54

Tgt Ion: 43 Resp: 1472511
 Ion Ratio Lower Upper
 43 100
 72 23.2 18.3 27.5





#35

Carbon Tetrachloride

Concen: 11.151 ppbv

RT: 7.01 min Scan# 1314

Delta R.T. -0.00 min

Lab File: VL035165.D

Acq: 7 Jul 2020 5:54

Instrument :

MSVOA_L

ClientSampleId :

VL0706ABS01

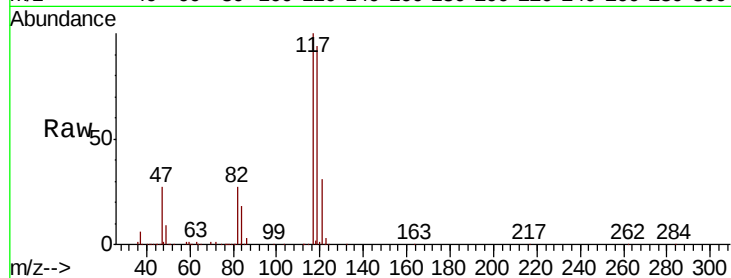
Tot Ion:117 Resp: 1639639

Ion Ratio Lower Upper

117 100

119 94.0 78.3 117.5

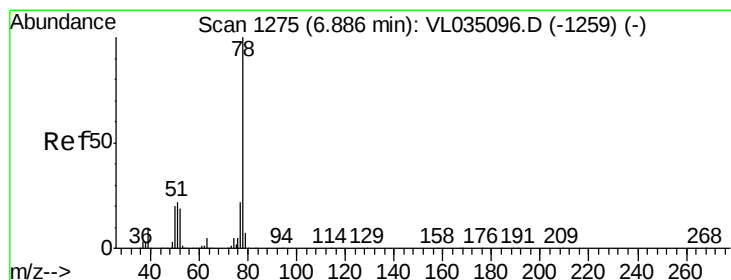
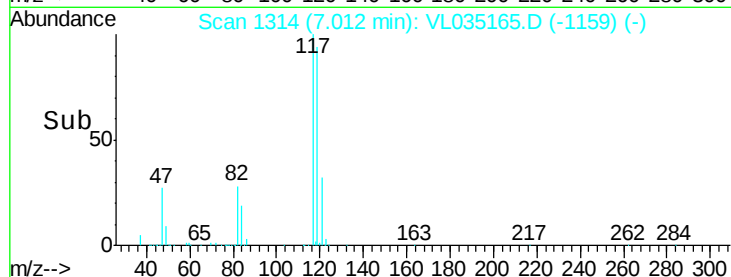
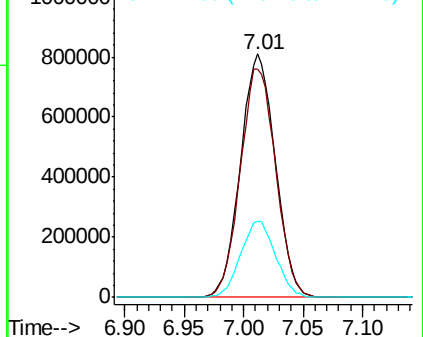
121 31.2 26.0 39.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 10.780 ppbv

RT: 6.89 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VL035165.D

Acq: 7 Jul 2020 5:54

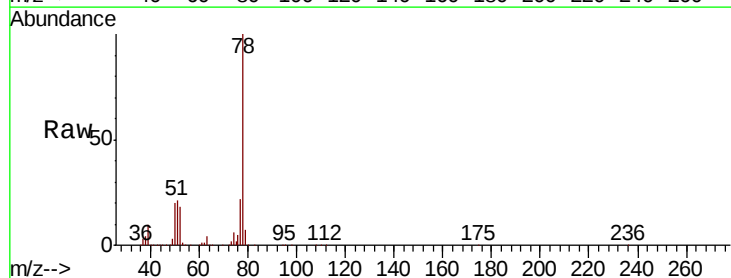
Tgt Ion: 78 Resp: 2046562

Ion Ratio Lower Upper

78 100

77 22.4 17.8 26.6

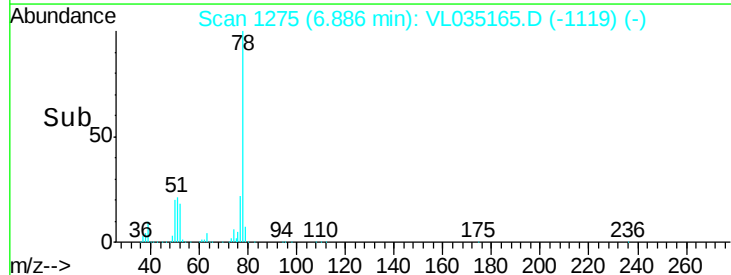
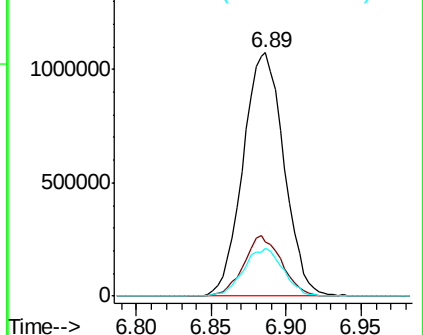
50 19.8 16.2 24.2

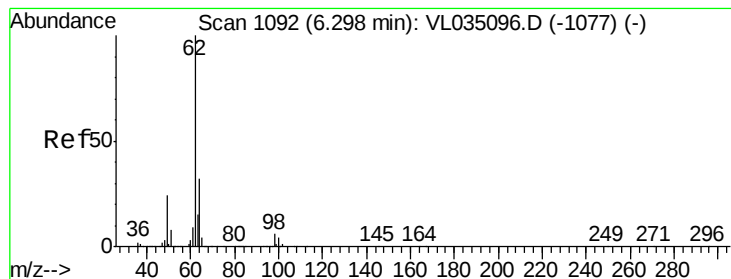


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





#37

1,2-Dichloroethane

Concen: 10.567 ppbv

RT: 6.30 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VL035165.D

Acq: 7 Jul 2020 5:54

Instrument :

MSVOA_L

ClientSampleId :

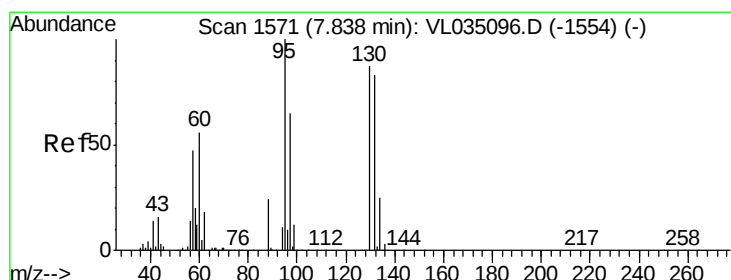
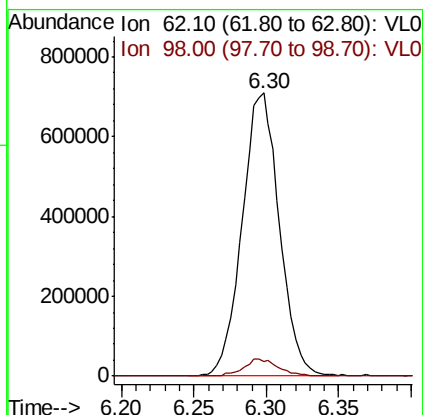
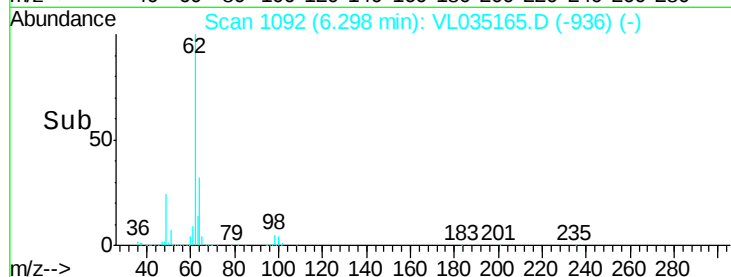
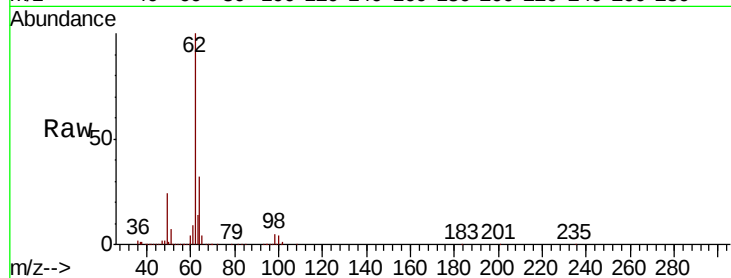
VL0706ABS01

Tot Ion: 62 Resp: 1267844

Ion Ratio Lower Upper

62 100

98 5.7 4.8 7.2



#38

Trichloroethene

Concen: 11.013 ppbv

RT: 7.83 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VL035165.D

Acq: 7 Jul 2020 5:54

Tgt Ion: 130 Resp: 812102

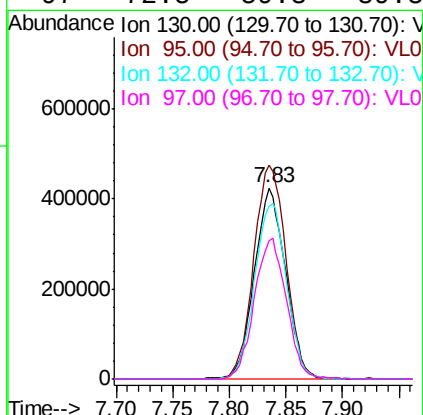
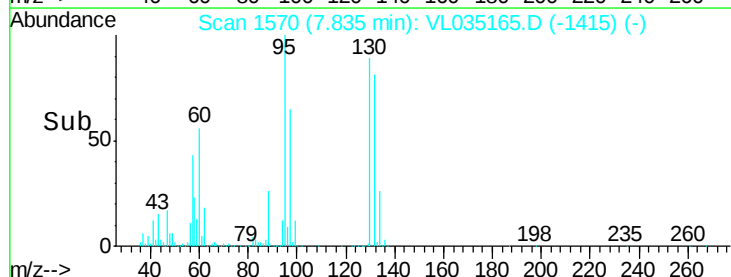
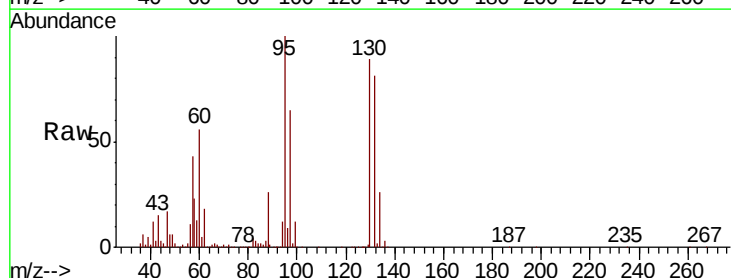
Ion Ratio Lower Upper

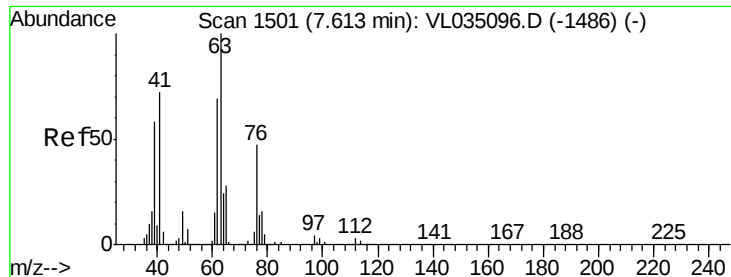
130 100

95 111.9 91.4 137.2

132 90.8 75.8 113.6

97 72.5 59.8 89.8





#39

1,2-Dichloropropane

Concen: 10.773 ppbv

RT: 7.61 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VL035165.D

Acq: 7 Jul 2020 5:54

Instrument :

MSVOA_L

ClientSampleId :

VL0706ABS01

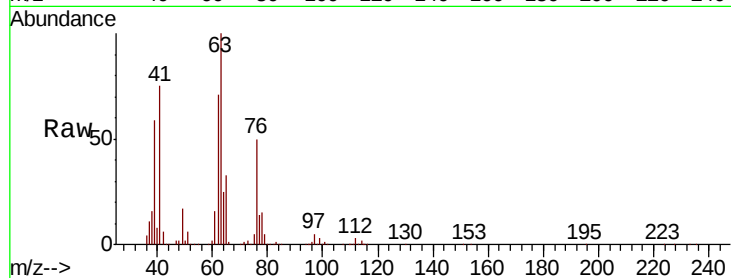
Tot Ion: 63 Resp: 799960

Ion Ratio Lower Upper

63 100

41 74.6 58.0 87.0

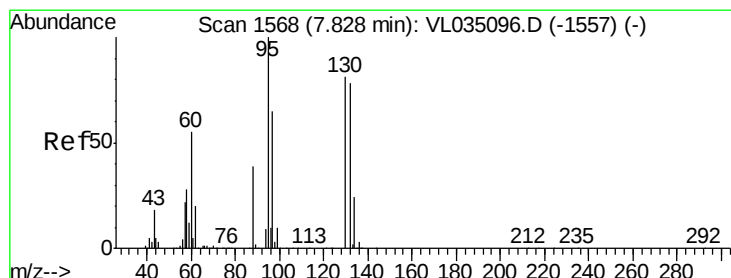
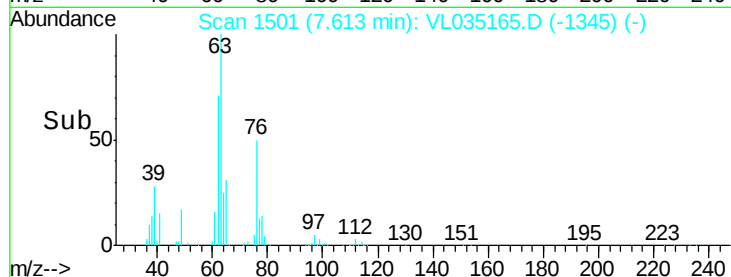
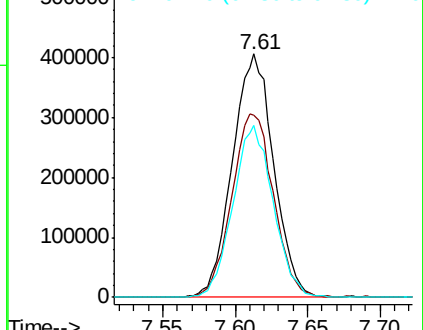
62 70.5 55.4 83.0



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#40

1,4-Dioxane

Concen: 10.507 ppbv

RT: 7.83 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VL035165.D

Acq: 7 Jul 2020 5:54

Tgt Ion: 88 Resp: 307732

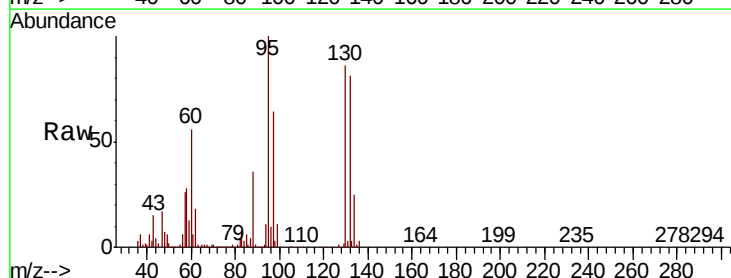
Ion Ratio Lower Upper

88 100

58 132.5 110.2 165.4

43 256.0 0.0 0.0#

57 1136.9 0.0 0.0#

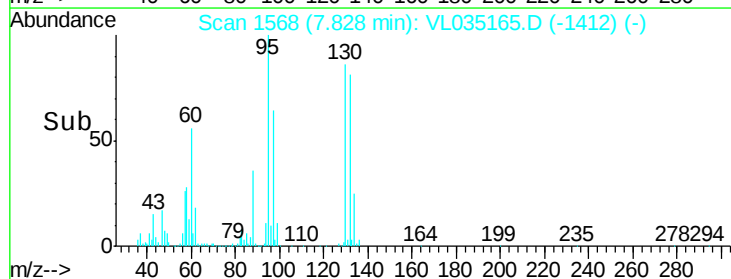
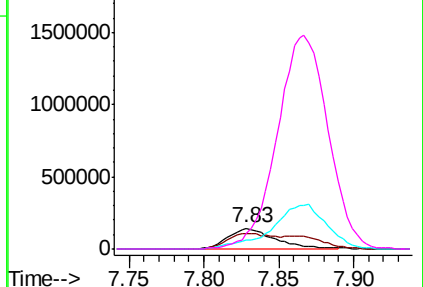


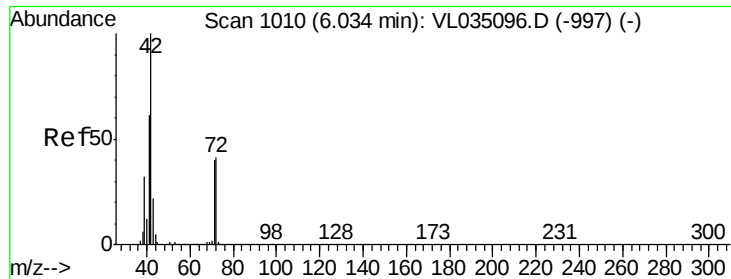
Abundance Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#41

Tetrahydrofuran

Concen: 11.352 ppbv

RT: 6.03 min Scan# 1009

Delta R.T. -0.00 min

Lab File: VL035165.D

Acq: 7 Jul 2020 5:54

Instrument :

MSVOA_L

ClientSampleId :

VL0706ABS01

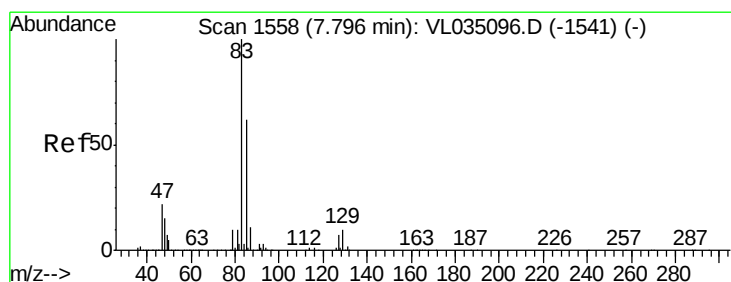
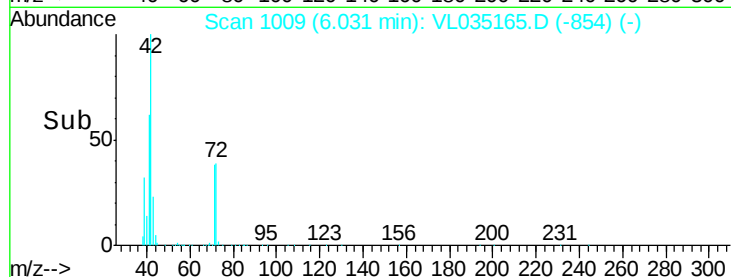
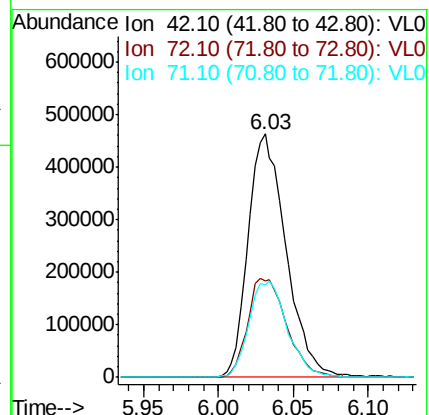
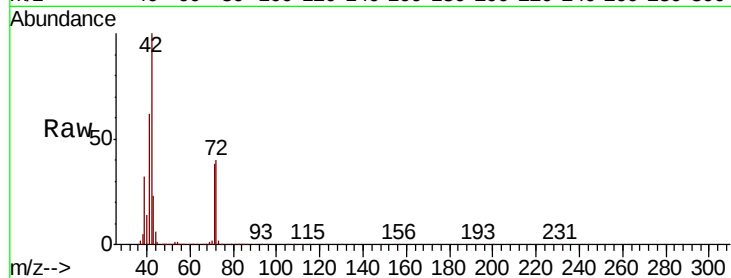
Tot Ion: 42 Resp: 816369

Ion Ratio Lower Upper

42 100

72 41.8 33.4 50.2

71 40.2 31.8 47.6



#42

Bromodichloromethane

Concen: 11.062 ppbv

RT: 7.79 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VL035165.D

Acq: 7 Jul 2020 5:54

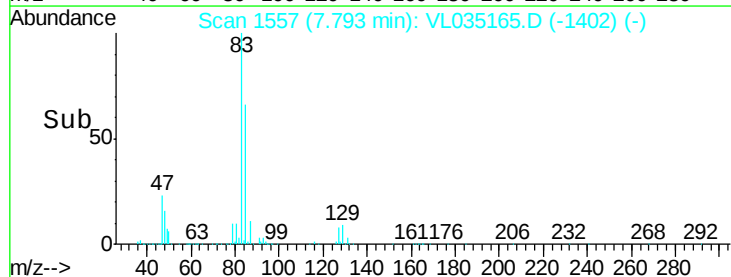
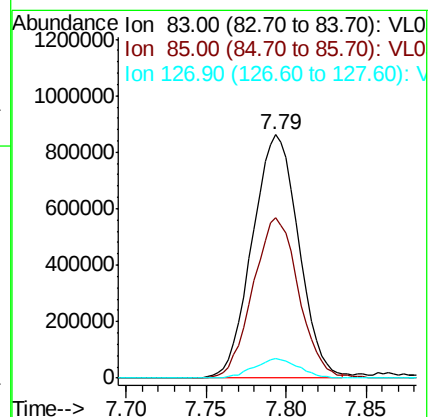
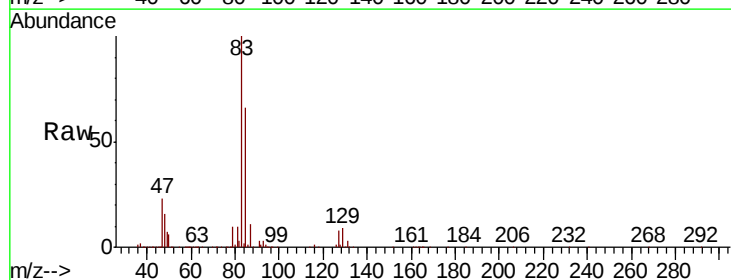
Tgt Ion: 83 Resp: 1719032

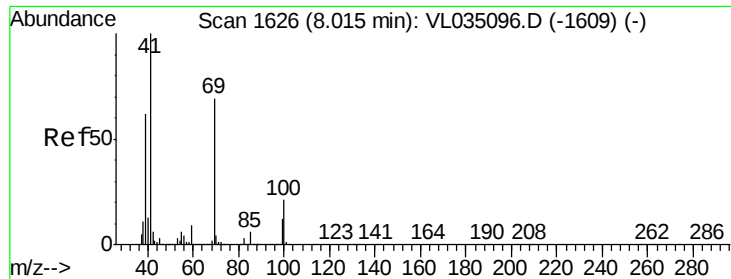
Ion Ratio Lower Upper

83 100

85 66.0 49.4 74.0

127 8.1 5.9 8.9





#43

Methyl Methacrylate

Concen: 11.522 ppbv

RT: 8.01 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VL035165.D

Acq: 7 Jul 2020 5:54

Instrument :

MSVOA_L

ClientSampleId :

VL0706ABS01

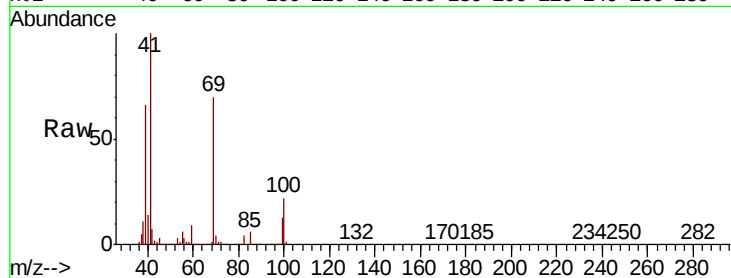
Tot Ion: 69 Resp: 925943

Ion Ratio Lower Upper

69 100

41 146.6 116.4 174.6

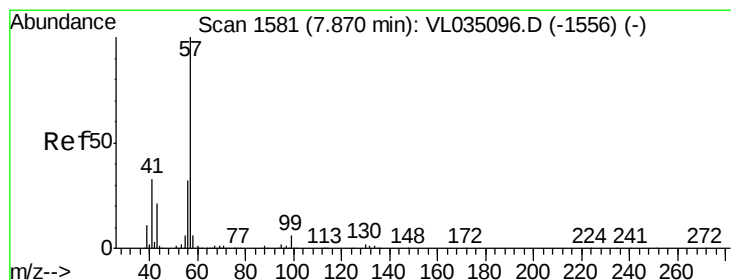
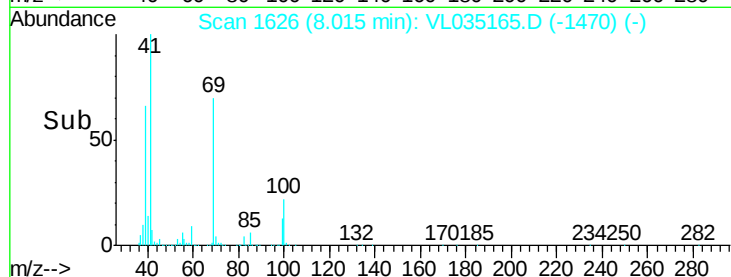
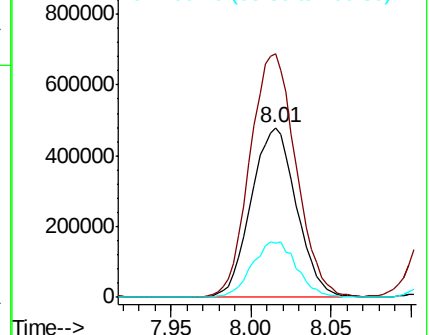
100 32.6 25.3 37.9



Abundance Ion 69.10 (68.80 to 69.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 100.10 (99.80 to 100.80): VL0



#44

2,2,4-Trimethylpentane

Concen: 10.542 ppbv

RT: 7.87 min Scan# 1580

Delta R.T. -0.00 min

Lab File: VL035165.D

Acq: 7 Jul 2020 5:54

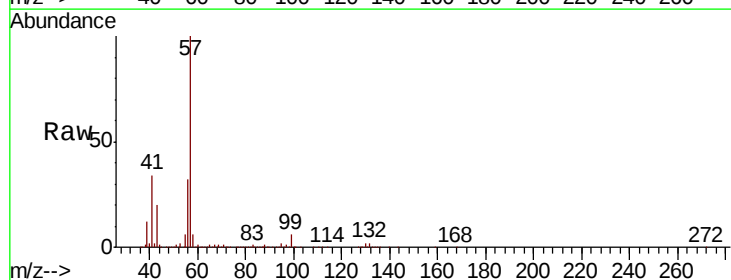
Tgt Ion: 57 Resp: 3493207

Ion Ratio Lower Upper

57 100

41 33.2 26.2 39.2

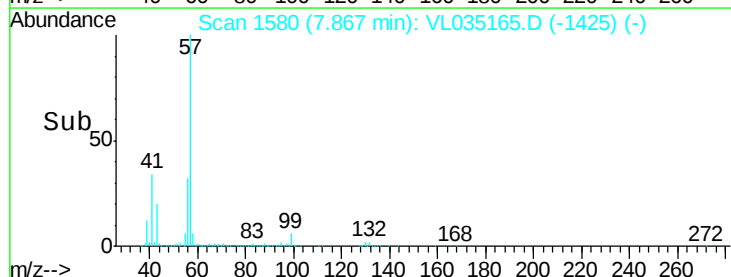
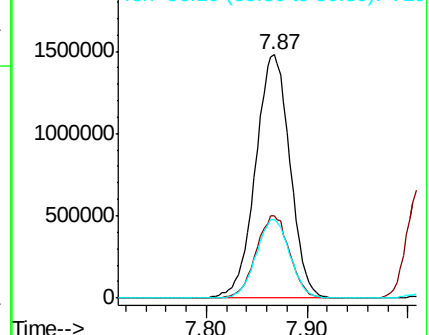
56 31.5 25.4 38.2

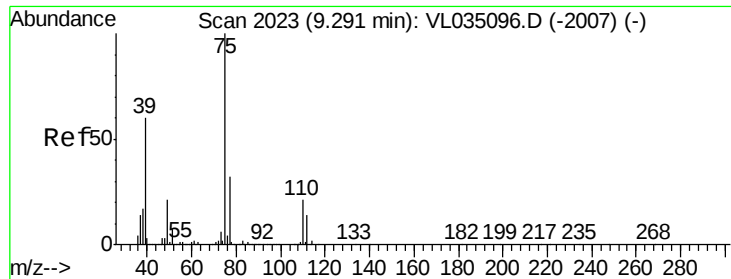


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0

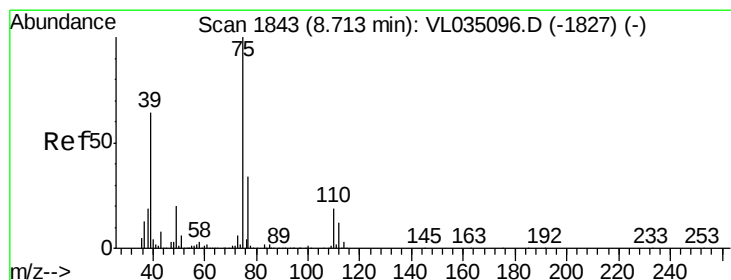
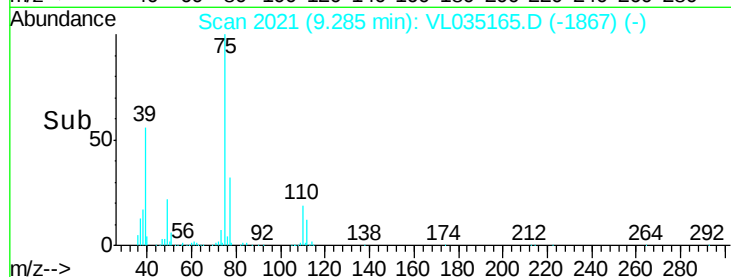
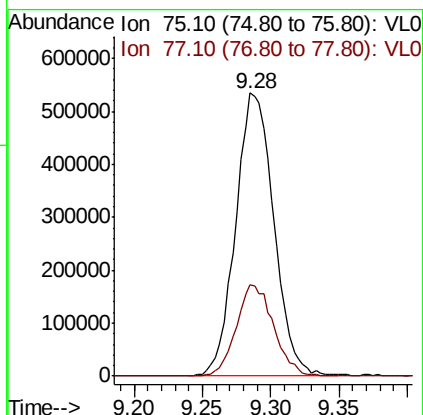
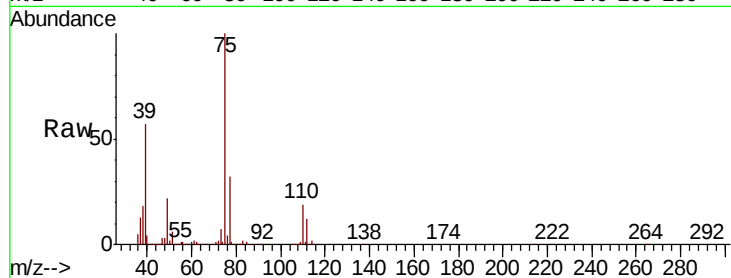




#45
 t-1,3-Dichloropropene
 Concen: 13.290 ppbv
 RT: 9.28 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: VL035165.D
 Acq: 7 Jul 2020 5:54

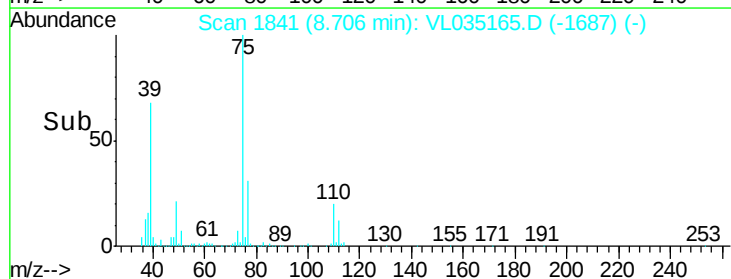
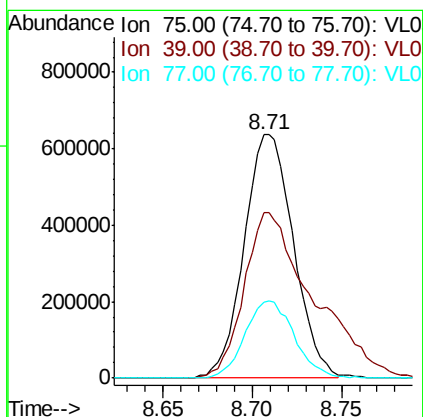
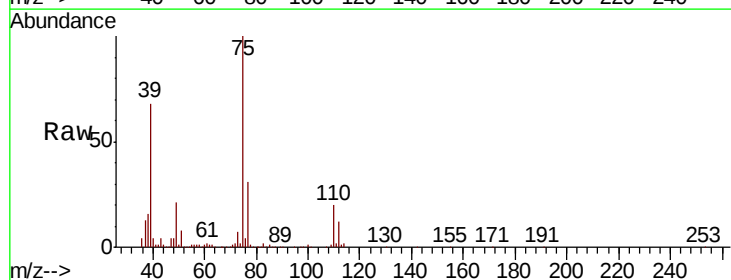
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0706ABS01

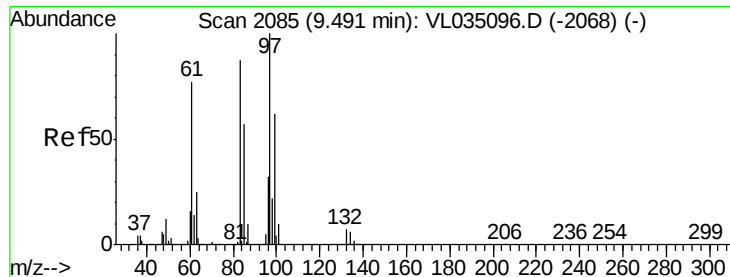
Tot Ion: 75 Resp: 1039378
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.5 38.3



#46
 cis-1,3-Dichloropropene
 Concen: 12.651 ppbv
 RT: 8.71 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: VL035165.D
 Acq: 7 Jul 2020 5:54

Tgt Ion: 75 Resp: 1229122
 Ion Ratio Lower Upper
 75 100
 39 67.8 51.1 76.7
 77 31.3 26.9 40.3





#47

1,1,2-Trichloroethane

Concen: 10.250 ppbv

RT: 9.49 min Scan# 2084

Delta R.T. -0.00 min

Lab File: VL035165.D

Acq: 7 Jul 2020 5:54

Instrument :

MSVOA_L

ClientSampleId :

VL0706ABS01

Tot Ion: 97 Resp: 830631

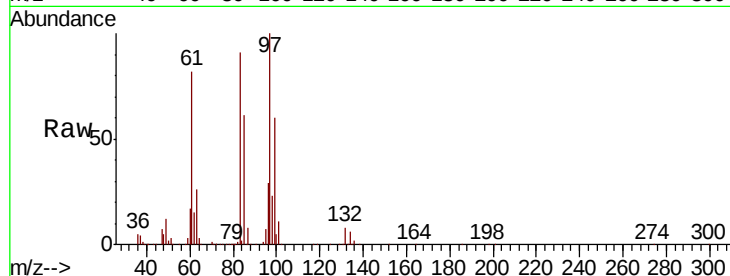
Ion Ratio Lower Upper

97 100

83 91.0 69.5 104.3

85 60.7 46.0 69.0

99 60.1 49.6 74.4

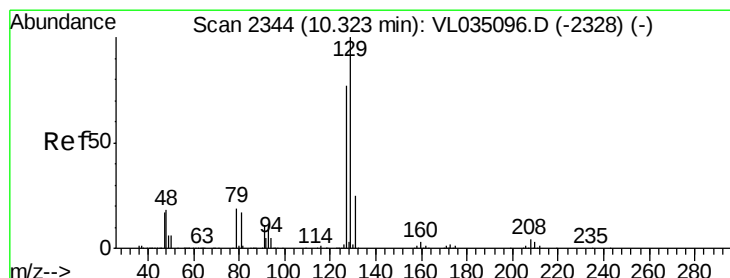
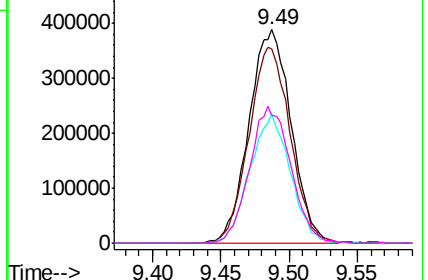
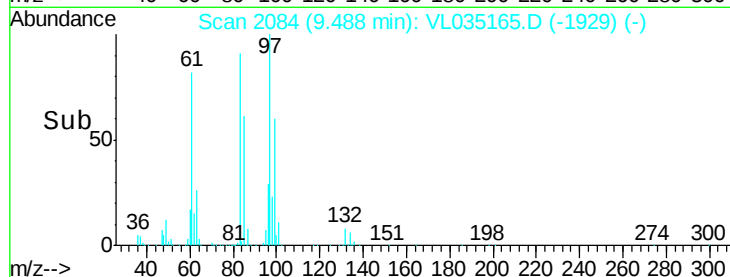


Abundance Ion 97.00 (96.70 to 97.70): VL0

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: 11.754 ppbv

RT: 10.32 min Scan# 2343

Delta R.T. -0.00 min

Lab File: VL035165.D

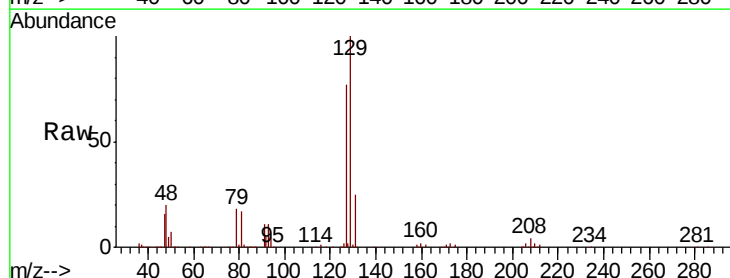
Acq: 7 Jul 2020 5:54

Tgt Ion: 129 Resp: 1420016

Ion Ratio Lower Upper

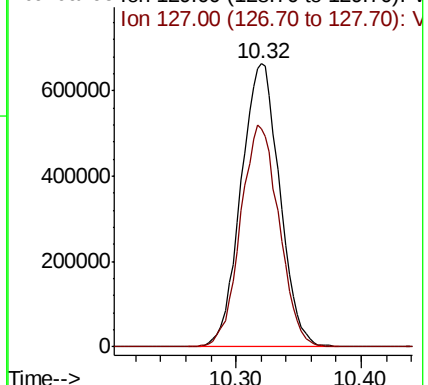
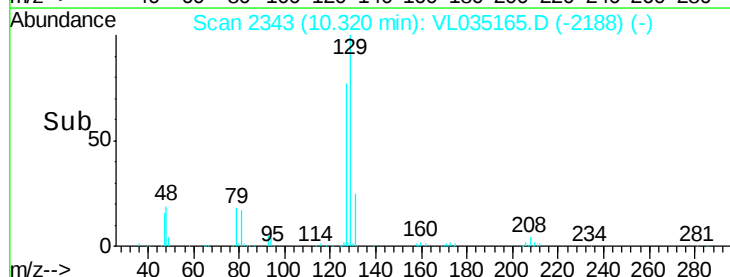
129 100

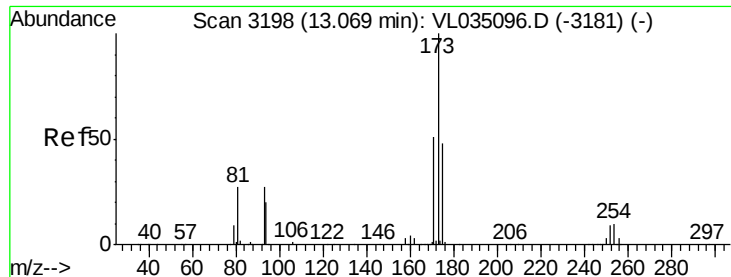
127 78.5 39.3 117.8



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 11.590 ppbv

RT: 13.07 min Scan# 3197

Delta R.T. -0.00 min

Lab File: VL035165.D

Acq: 7 Jul 2020 5:54

Instrument :

MSVOA_L

ClientSampleId :

VL0706ABS01

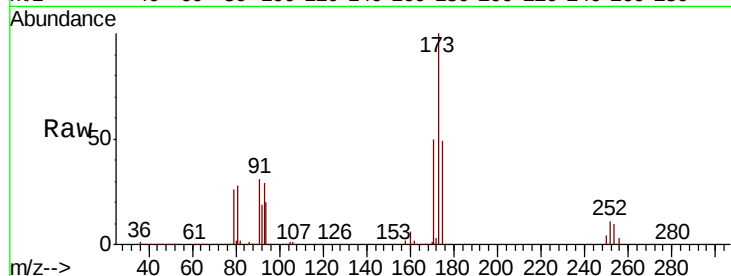
Tot Ion:173 Resp: 1189526

Ion Ratio Lower Upper

173 100

175 49.2 39.1 58.7

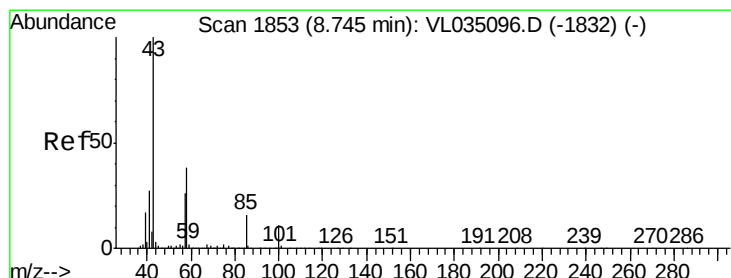
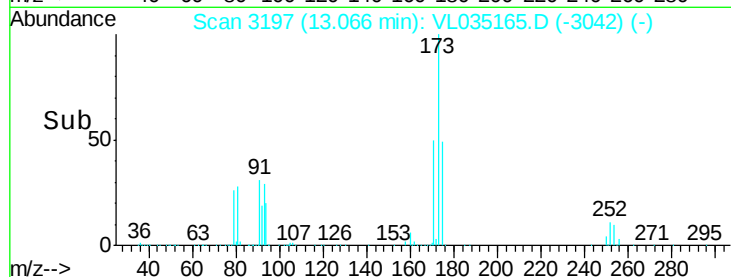
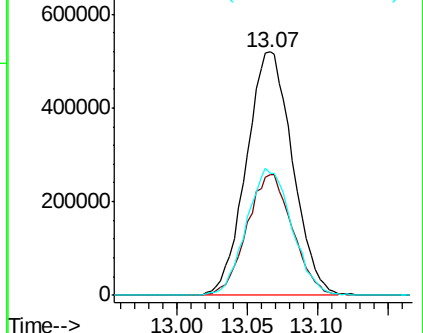
171 51.4 41.7 62.5



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: 10.933 ppbv

RT: 8.74 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VL035165.D

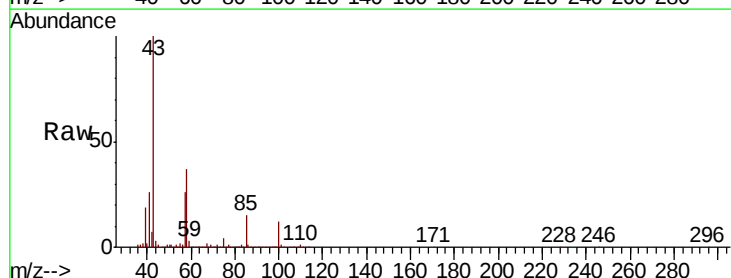
Acq: 7 Jul 2020 5:54

Tgt Ion: 43 Resp: 2187038

Ion Ratio Lower Upper

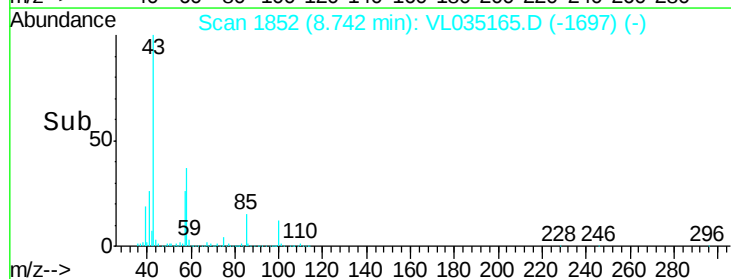
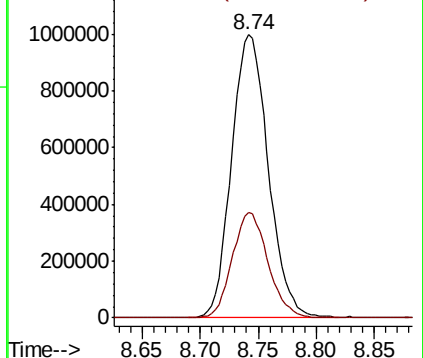
43 100

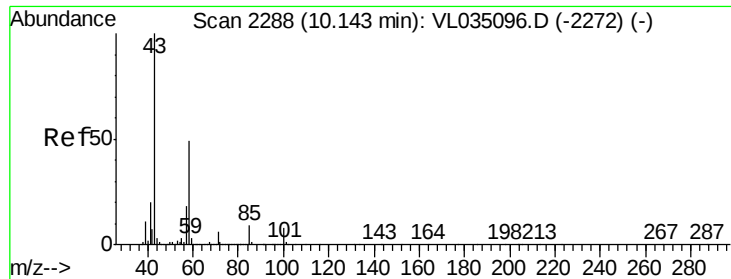
58 36.5 29.4 44.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

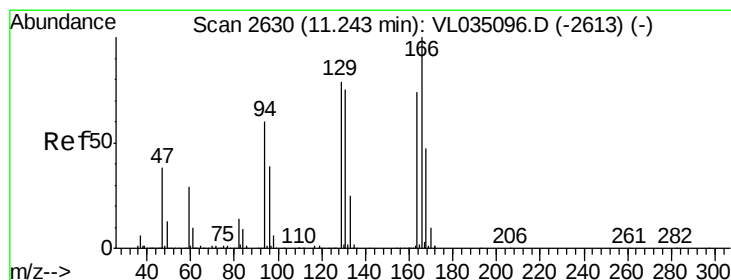
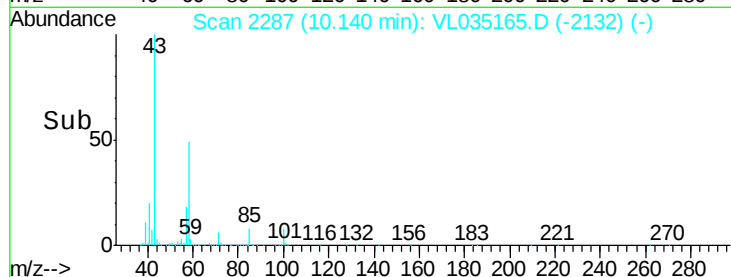
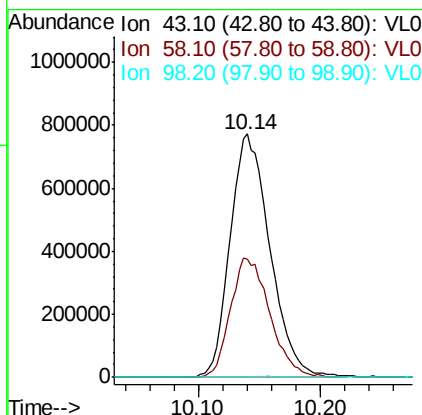
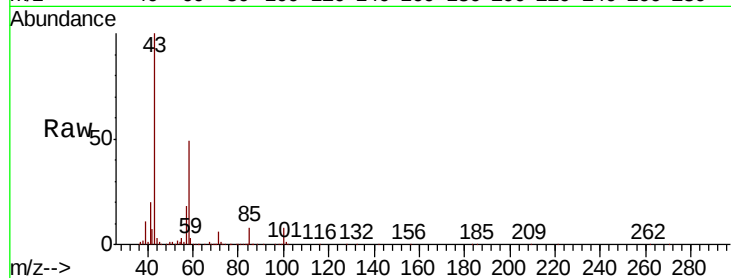




#51
2-Hexanone
Concen: 11.137 ppbv
RT: 10.14 min Scan# 2287
Delta R.T. -0.00 min
Lab File: VL035165.D
Acq: 7 Jul 2020 5:54

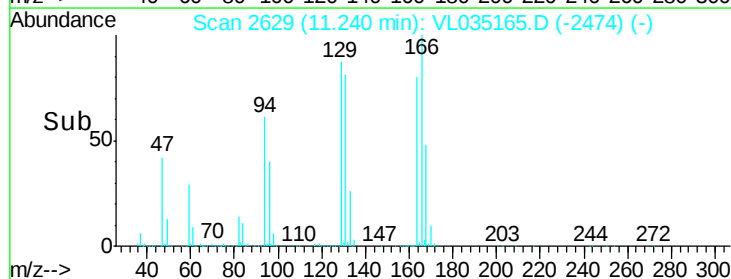
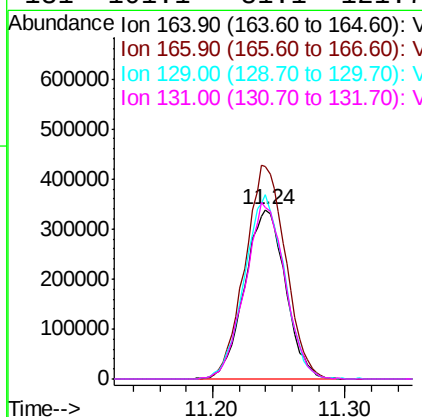
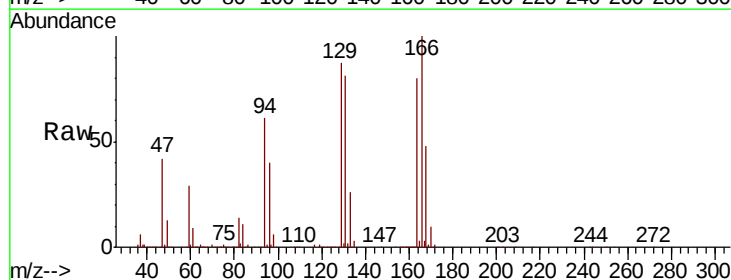
Instrument :
MSVOA_L
ClientSampleId :
VL0706ABS01

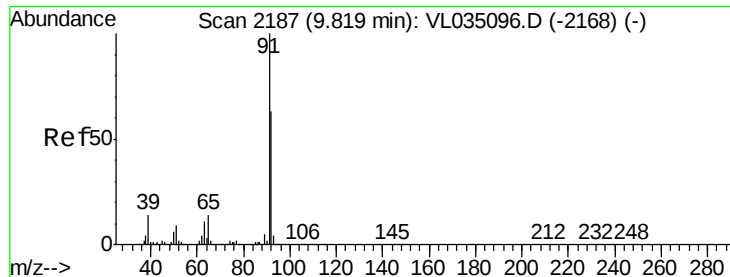
Tot Ion: 43 Resp: 1744768
Ion Ratio Lower Upper
43 100
58 48.7 39.2 58.8
98 0.2 0.3 0.5#



#52
Tetrachloroethene
Concen: 10.833 ppbv
RT: 11.24 min Scan# 2629
Delta R.T. -0.00 min
Lab File: VL035165.D
Acq: 7 Jul 2020 5:54

Tgt Ion: 164 Resp: 724663
Ion Ratio Lower Upper
164 100
166 125.1 107.5 161.3
129 109.0 84.9 127.3
131 101.1 81.1 121.7





#53

Toluene

Concen: 11.640 ppbv

RT: 9.82 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VL035165.D

Acq: 7 Jul 2020 5:54

Instrument :

MSVOA_L

ClientSampleId :

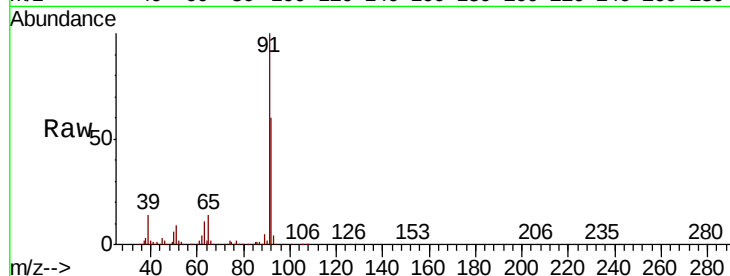
VL0706ABS01

Tot Ion: 91 Resp: 2357101

Ion Ratio Lower Upper

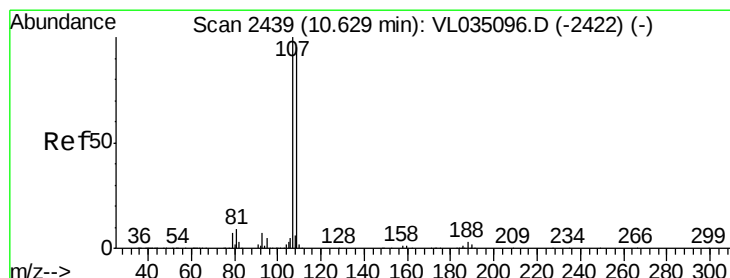
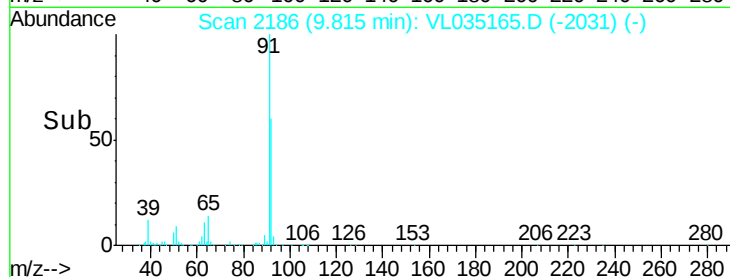
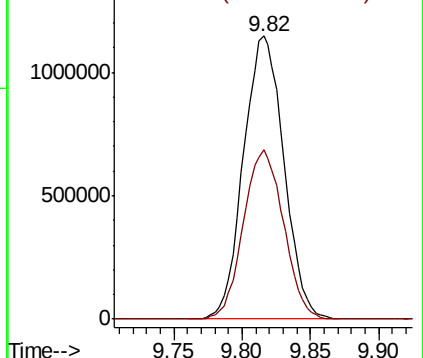
91 100

92 59.6 49.0 73.6



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0



#54

1,2-Dibromoethane

Concen: 10.579 ppbv

RT: 10.63 min Scan# 2438

Delta R.T. -0.00 min

Lab File: VL035165.D

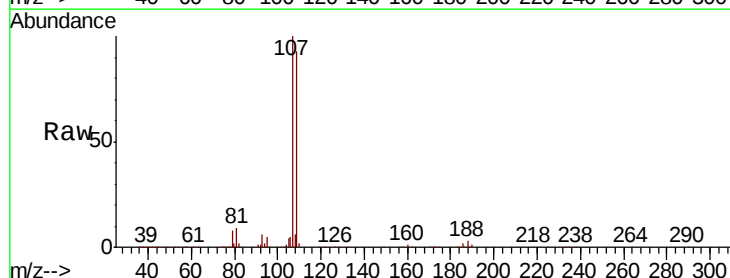
Acq: 7 Jul 2020 5:54

Tgt Ion: 107 Resp: 1269443

Ion Ratio Lower Upper

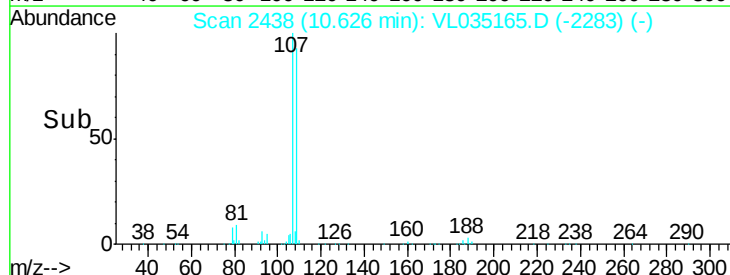
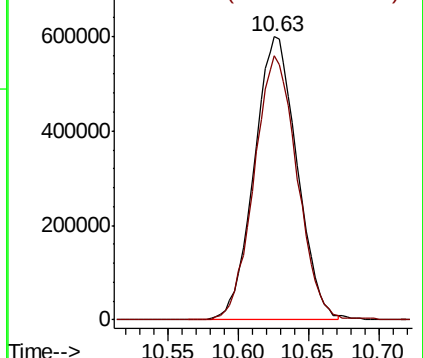
107 100

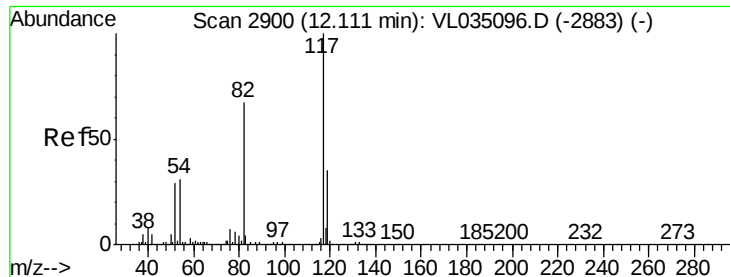
109 93.3 75.9 113.9



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.11 min Scan# 2899

Delta R.T. -0.00 min

Lab File: VL035165.D

Acq: 7 Jul 2020 5:54

Instrument :

MSVOA_L

ClientSampleId :

VL0706ABS01

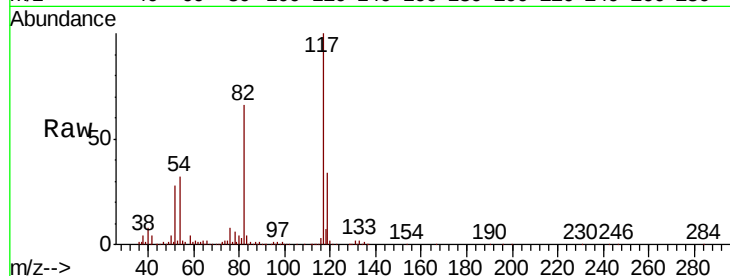
Tot Ion:117 Resp: 2986955

Ion Ratio Lower Upper

117 100

82 54.5 50.4 75.6

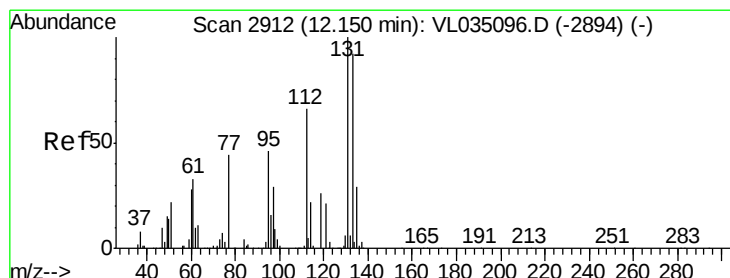
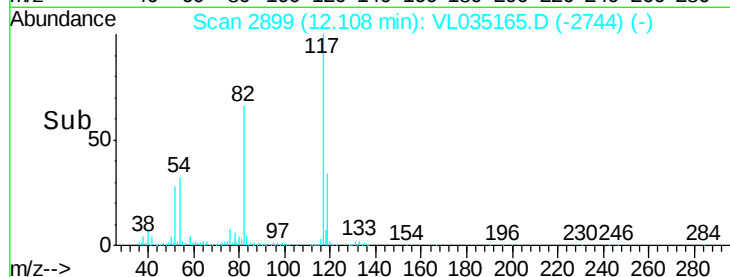
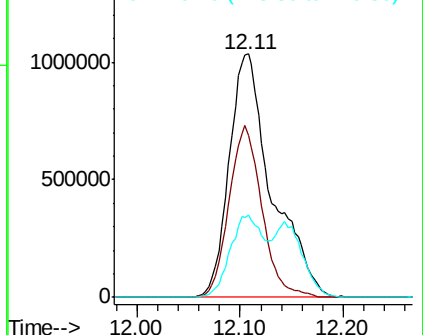
119 24.5 25.4 38.0#



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#56

1,1,1,2-Tetrachloroethane

Concen: 8.565 ppbv

RT: 12.15 min Scan# 2911

Delta R.T. -0.00 min

Lab File: VL035165.D

Acq: 7 Jul 2020 5:54

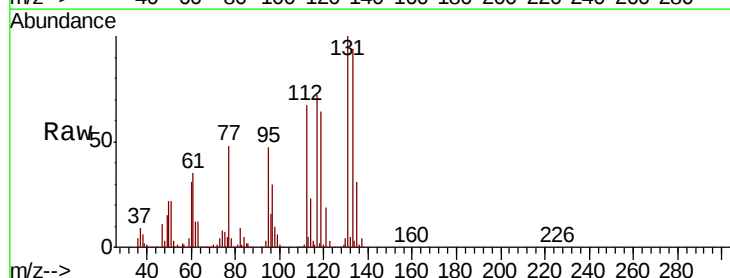
Tgt Ion:131 Resp: 1046963

Ion Ratio Lower Upper

131 100

133 97.1 76.2 114.4

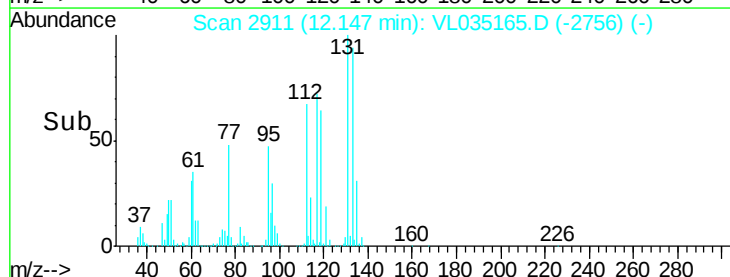
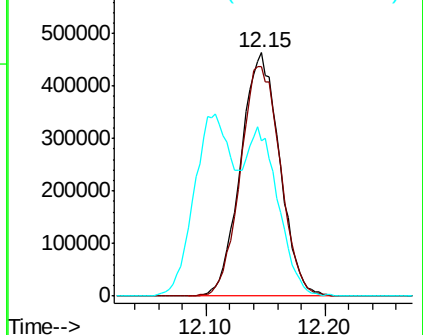
119 55.6 114.6 172.0#

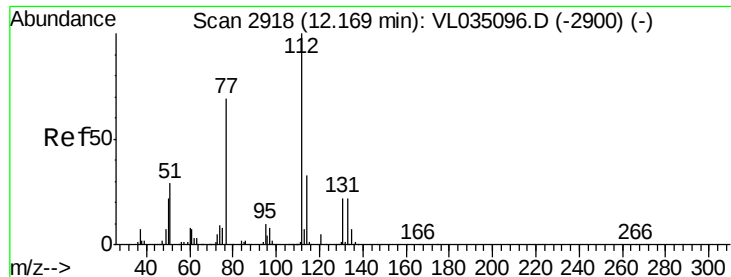


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

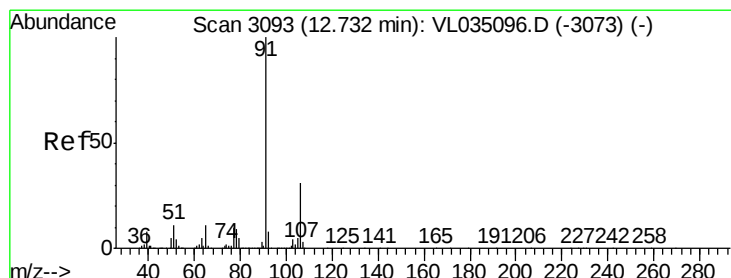
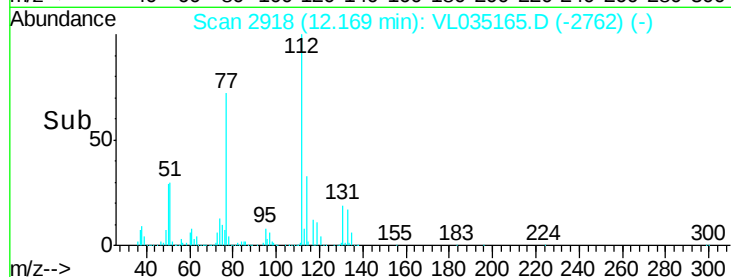
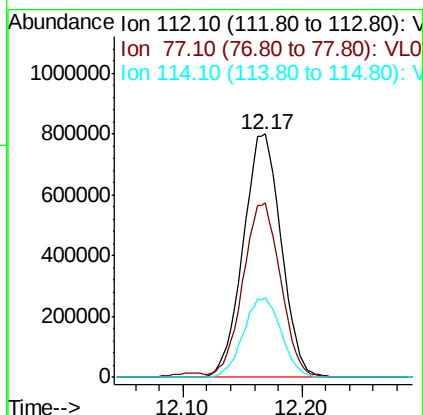
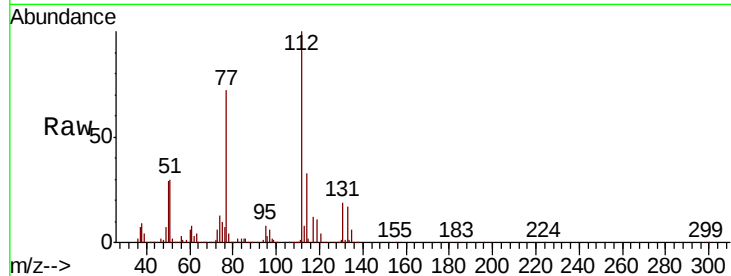




#57
Chlorobenzene
Concen: 8.048 ppbv
RT: 12.17 min Scan# 2918
Delta R.T. 0.00 min
Lab File: VL035165.D
Acq: 7 Jul 2020 5:54

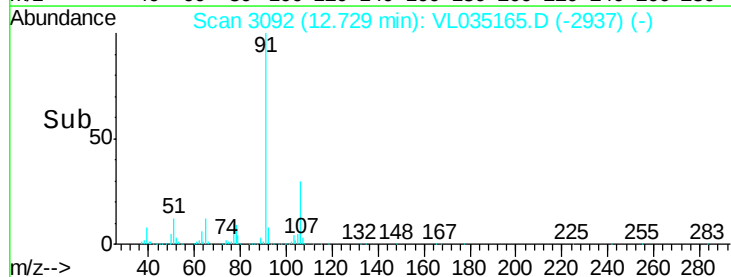
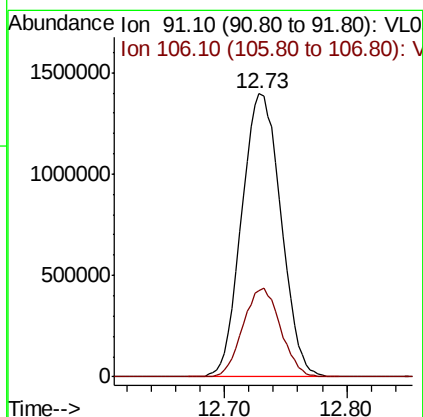
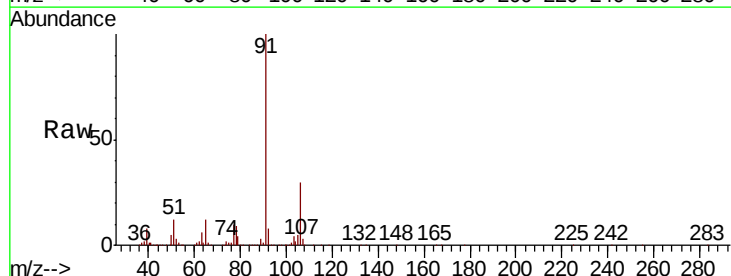
Instrument :
MSVOA_L
ClientSampleId :
VL0706ABS01

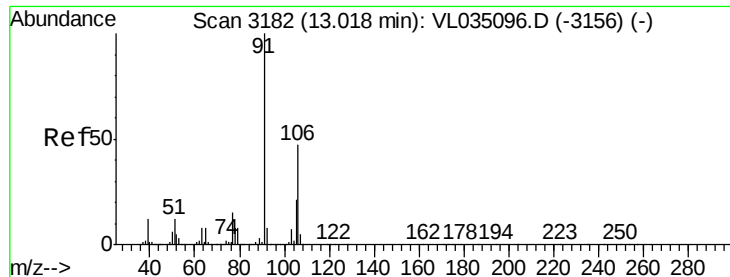
Tot Ion:112 Resp: 1768890
Ion Ratio Lower Upper
112 100
77 71.6 56.7 85.1
114 32.9 29.3 35.9



#58
Ethyl Benzene
Concen: 9.245 ppbv
RT: 12.73 min Scan# 3092
Delta R.T. -0.00 min
Lab File: VL035165.D
Acq: 7 Jul 2020 5:54

Tgt Ion: 91 Resp: 3102597
Ion Ratio Lower Upper
91 100
106 30.5 25.0 37.6

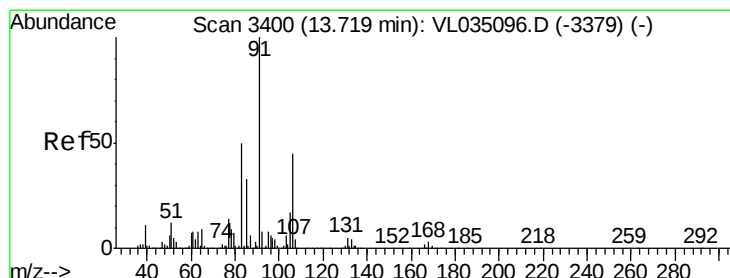
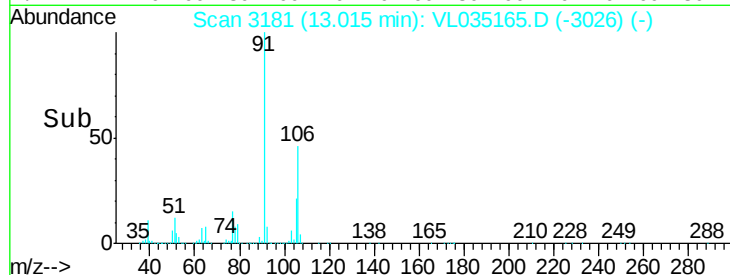
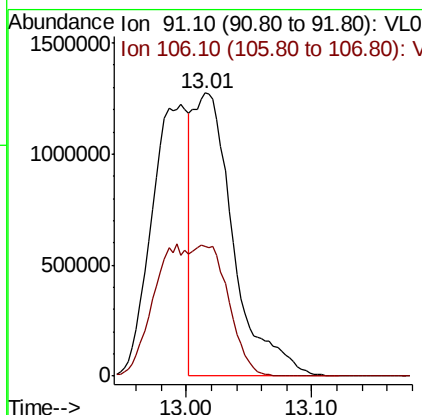
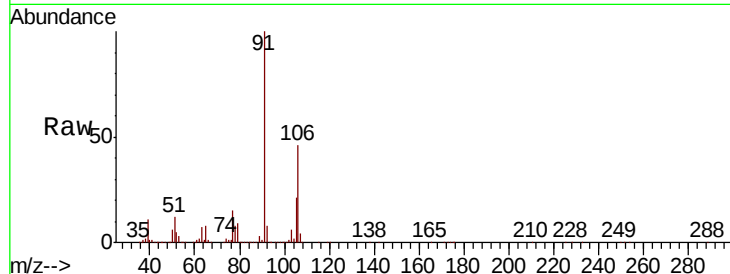




#59
m/p-Xylene
Concen: 9.556 ppbv
RT: 13.01 min Scan# 3181
Delta R.T. -0.00 min
Lab File: VL035165.D
Acq: 7 Jul 2020 5:54

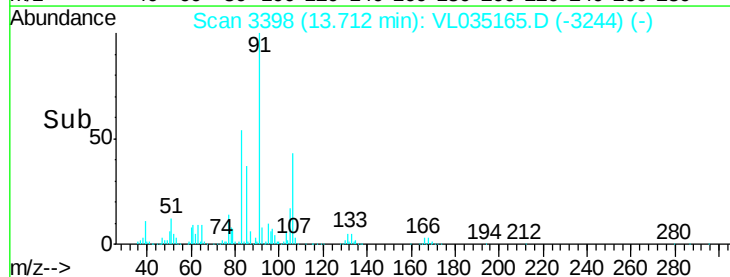
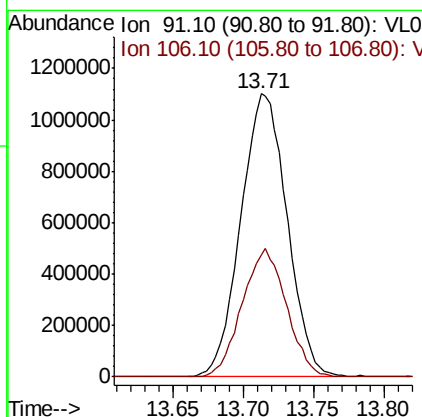
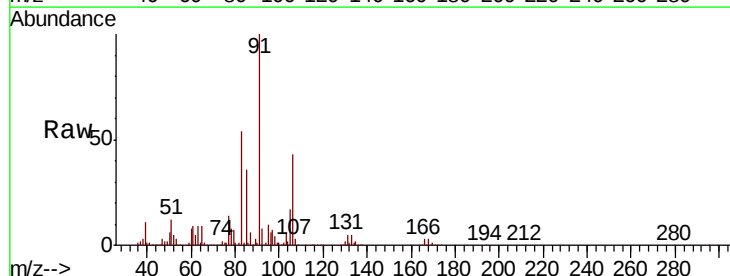
Instrument :
MSVOA_L
ClientSampleId :
VL0706ABS01

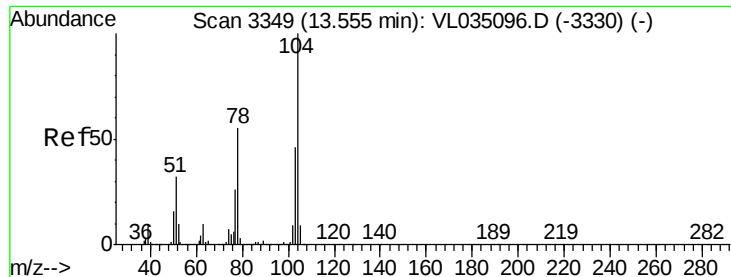
Tot Ion: 91 Resp: 2842319
Ion Ratio Lower Upper
91 100
106 0.0 36.5 54.7#



#60
o-Xylene
Concen: 8.500 ppbv
RT: 13.71 min Scan# 3398
Delta R.T. -0.01 min
Lab File: VL035165.D
Acq: 7 Jul 2020 5:54

Tgt Ion: 91 Resp: 2516770
Ion Ratio Lower Upper
91 100
106 43.7 22.1 66.5





#61

Stvrene

Concen: 9.489 ppbv

RT: 13.55 min Scan# 3348

Delta R.T. -0.00 min

Lab File: VL035165.D

Acq: 7 Jul 2020 5:54

Instrument :

MSVOA_L

ClientSampleId :

VL0706ABS01

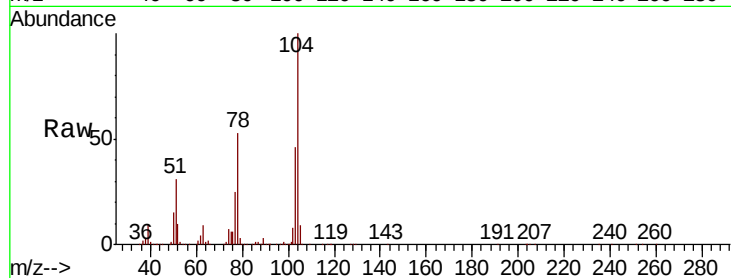
Tot Ion:104 Resp: 1767980

Ion Ratio Lower Upper

104 100

78 54.7 43.4 65.0

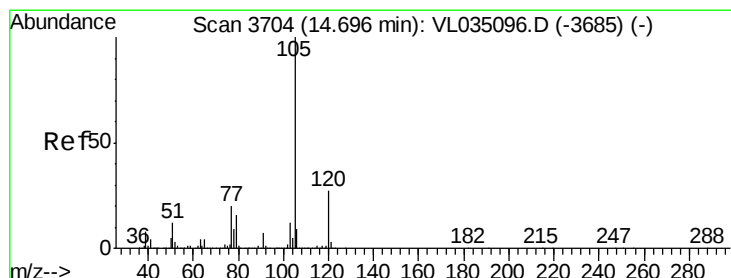
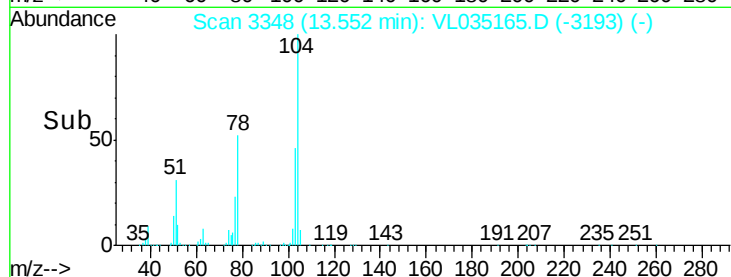
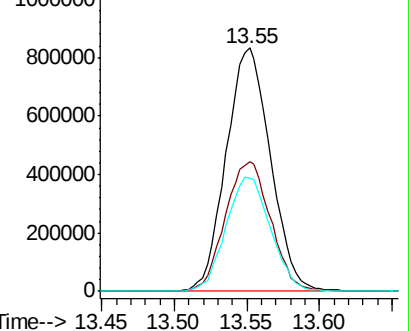
103 47.4 38.3 57.5



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: 8.408 ppbv

RT: 14.69 min Scan# 3702

Delta R.T. -0.01 min

Lab File: VL035165.D

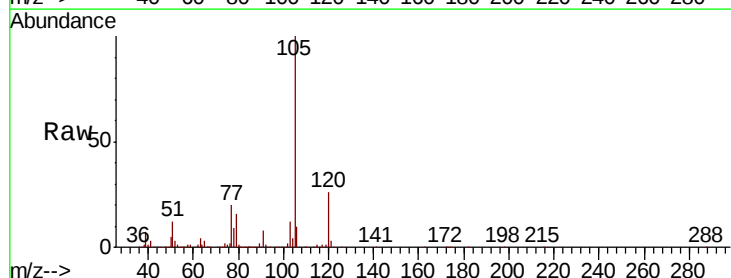
Acq: 7 Jul 2020 5:54

Tgt Ion:105 Resp: 3715240

Ion Ratio Lower Upper

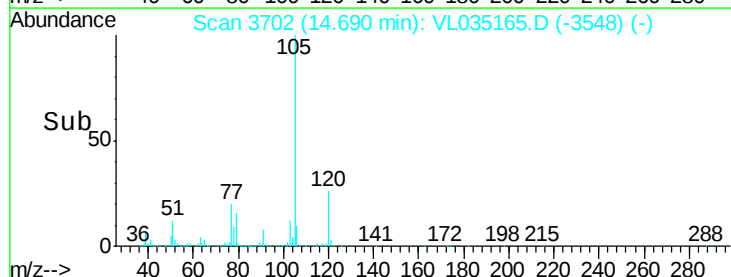
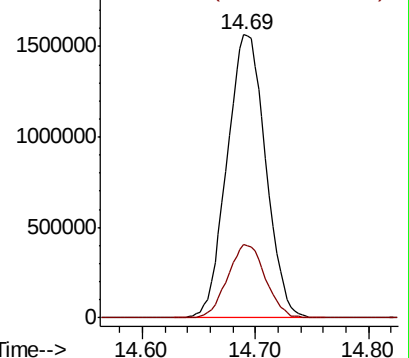
105 100

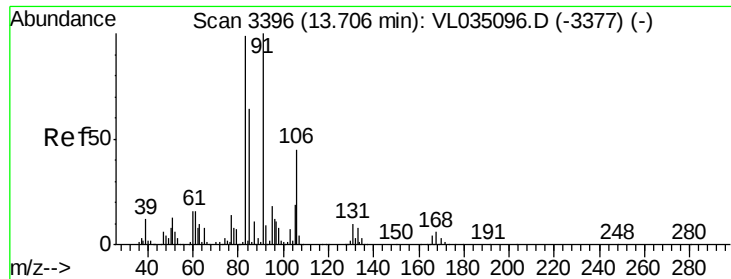
120 25.4 20.8 31.2



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: 7.275 ppbv

RT: 13.70 min Scan# 3395

Delta R.T. -0.00 min

Lab File: VL035165.D

Acq: 7 Jul 2020 5:54

Instrument :

MSVOA_L

ClientSampleId :

VL0706ABS01

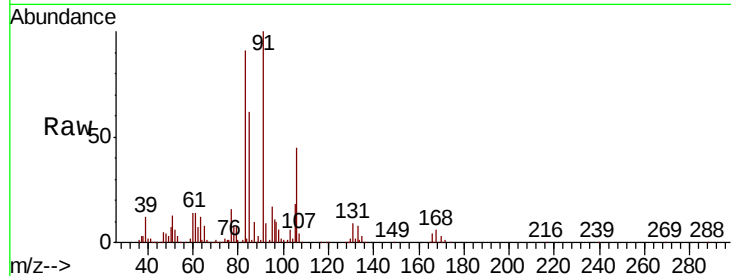
Tot Ion: 83 Resp: 1744674

Ion Ratio Lower Upper

83 100

131 9.0 4.7 14.0

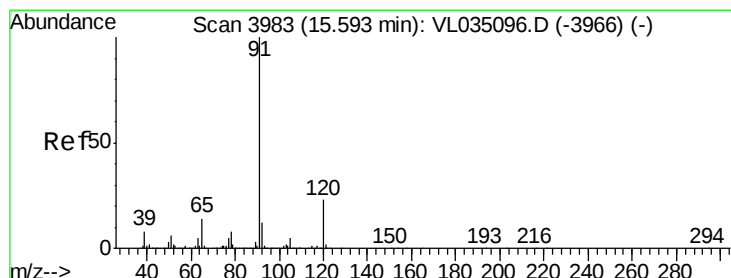
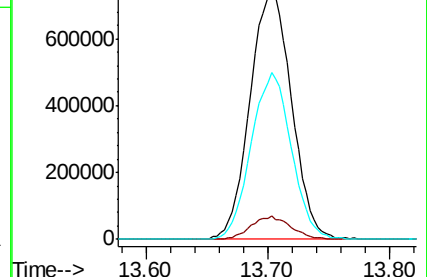
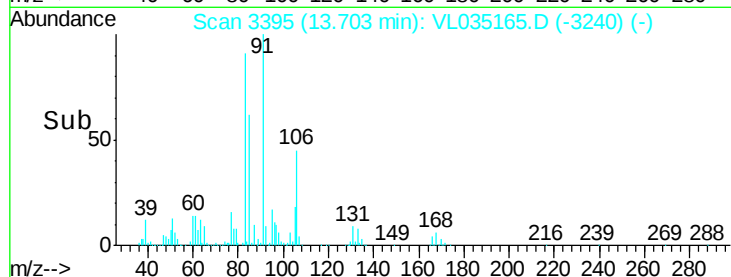
85 65.3 32.4 97.0



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: 8.515 ppbv

RT: 15.59 min Scan# 3981

Delta R.T. -0.01 min

Lab File: VL035165.D

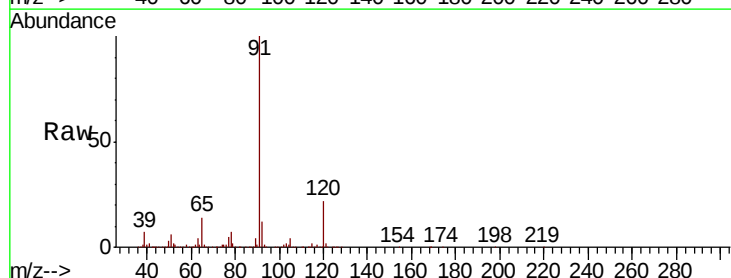
Acq: 7 Jul 2020 5:54

Tgt Ion: 120 Resp: 960114

Ion Ratio Lower Upper

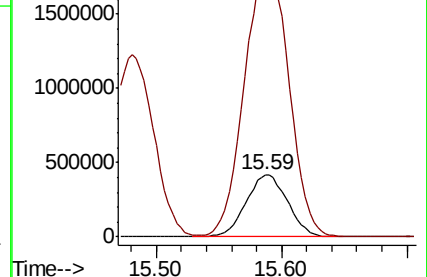
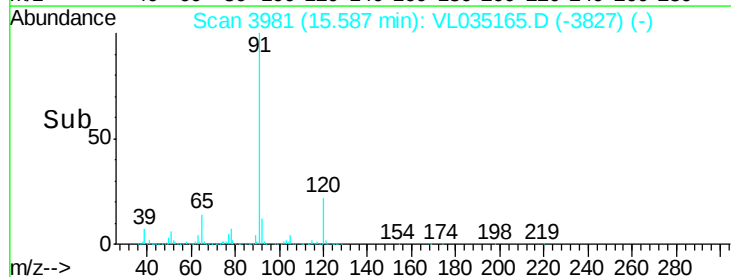
120 100

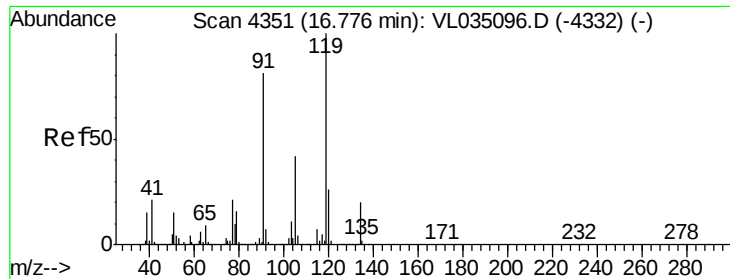
91 474.4 367.9 551.9



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0





#65

tert-Butylbenzene

Concen: 8.473 ppbv

RT: 16.77 min Scan# 4350

Delta R.T. -0.00 min

Lab File: VL035165.D

Acq: 7 Jul 2020 5:54

Instrument :

MSVOA_L

ClientSampleId :

VL0706ABS01

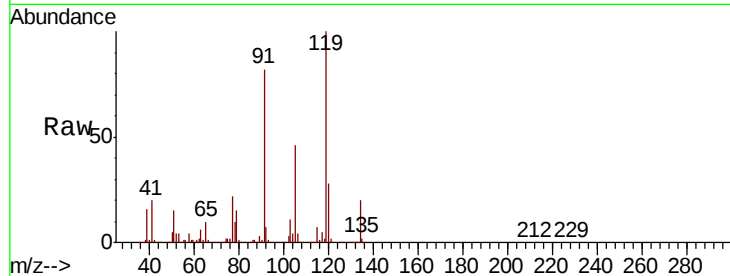
Tot Ion:119 Resp: 3205868

Ion Ratio Lower Upper

119 100

91 84.8 67.6 101.4

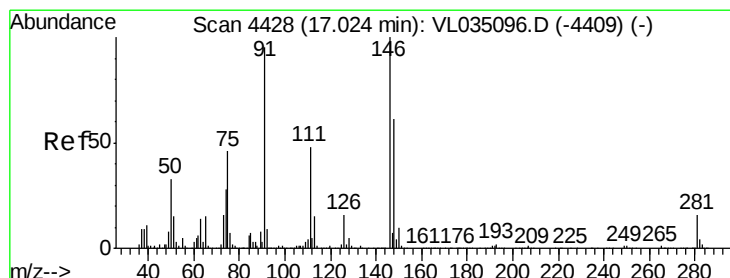
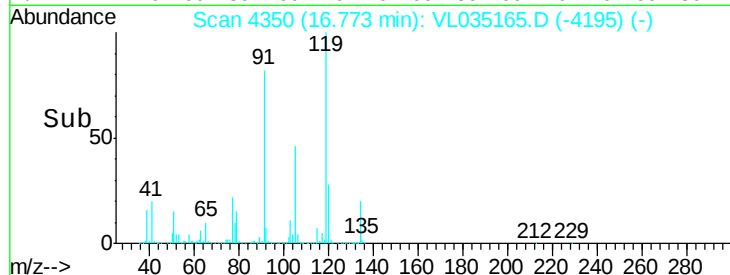
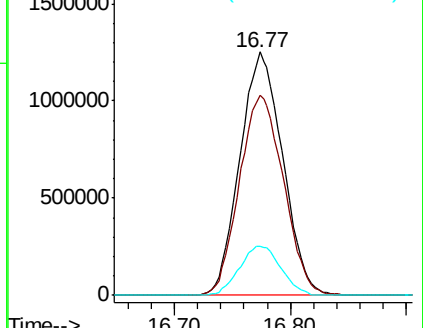
134 19.7 15.7 23.5



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: 10.747 ppbv

RT: 17.02 min Scan# 4427

Delta R.T. -0.00 min

Lab File: VL035165.D

Acq: 7 Jul 2020 5:54

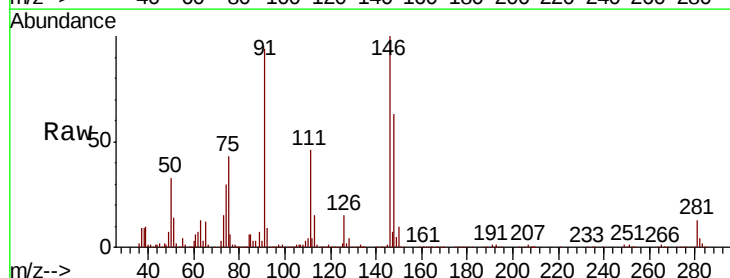
Tgt Ion: 91 Resp: 1256129

Ion Ratio Lower Upper

91 100

126 16.8 13.5 20.3

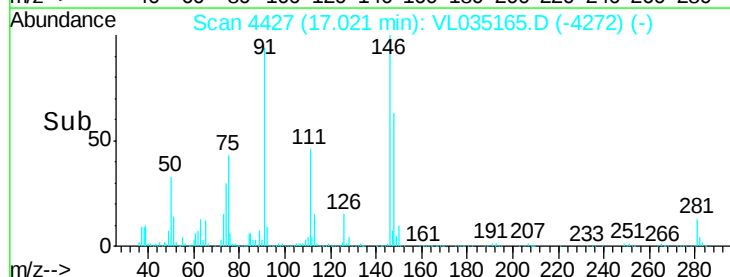
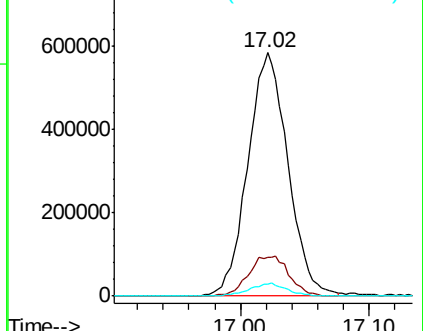
128 5.1 4.3 6.5

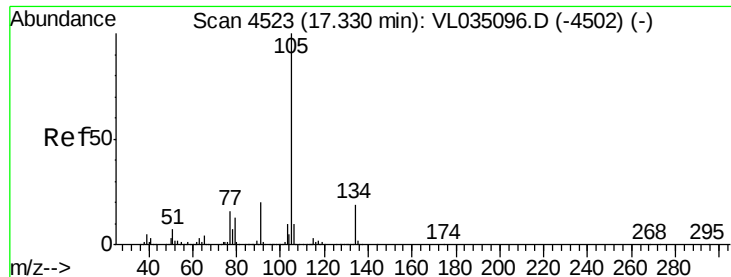


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V

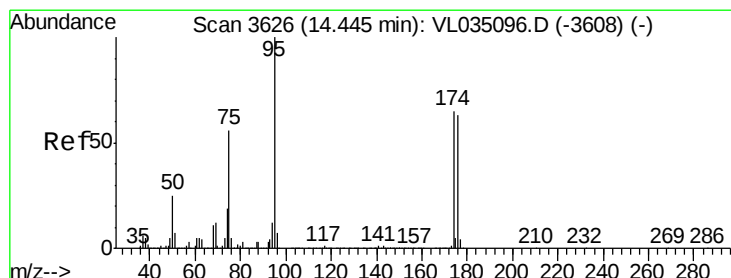
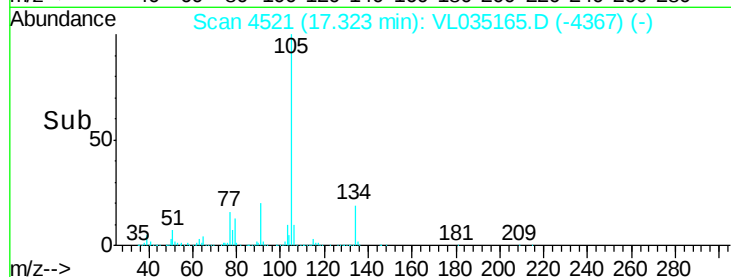
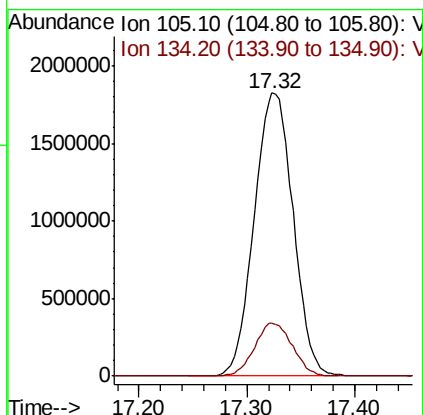
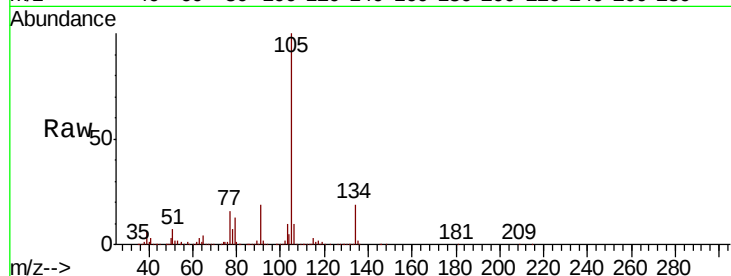




#67
 sec-Butylbenzene
 Concen: 8.426 ppbv
 RT: 17.32 min Scan# 4521
 Delta R.T. -0.01 min
 Lab File: VL035165.D
 Acq: 7 Jul 2020 5:54

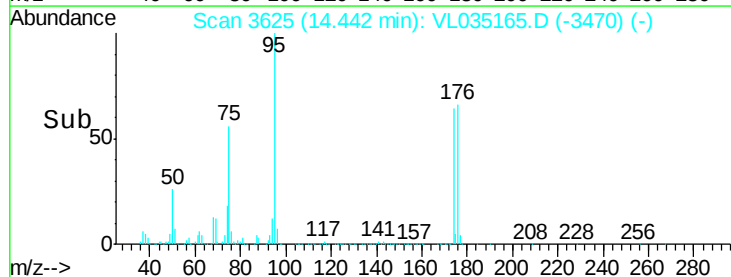
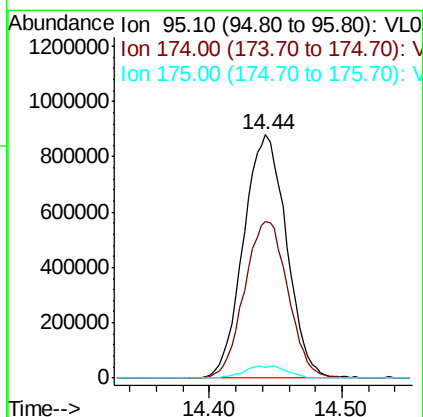
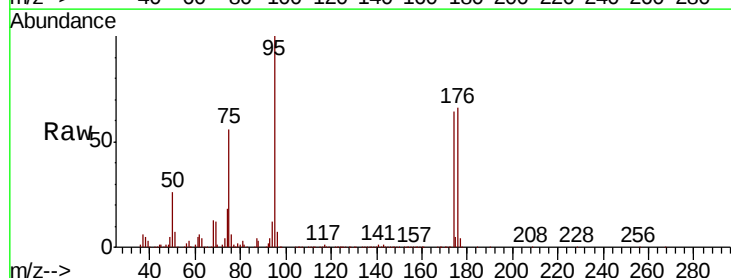
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0706ABS01

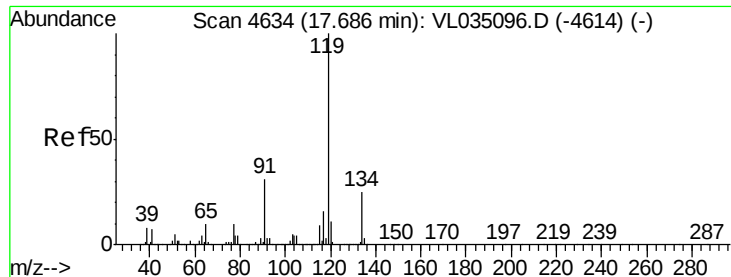
Tot Ion:105 Resp: 4569158
 Ion Ratio Lower Upper
 105 100
 134 18.3 14.7 22.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 7.991 ppbv
 RT: 14.44 min Scan# 3625
 Delta R.T. -0.00 min
 Lab File: VL035165.D
 Acq: 7 Jul 2020 5:54

Tgt Ion: 95 Resp: 1982774
 Ion Ratio Lower Upper
 95 100
 174 65.5 52.2 78.2
 175 5.0 4.0 6.0





#69

p-Isopropyltoluene

Concen: 8.889 ppbv

RT: 17.68 min Scan# 4633

Delta R.T. -0.00 min

Lab File: VL035165.D

Acq: 7 Jul 2020 5:54

Instrument :

MSVOA_L

ClientSampleId :

VL0706ABS01

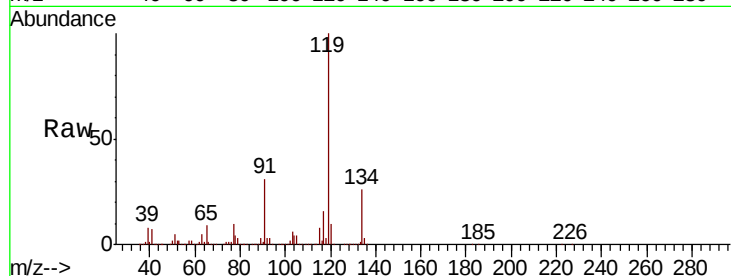
Tot Ion:119 Resp: 3844883

Ion	Ratio	Lower	Upper
119	100		
134	25.0	20.4	30.6
91	30.7	24.5	36.7

119 100

134 25.0 20.4 30.6

91 30.7 24.5 36.7

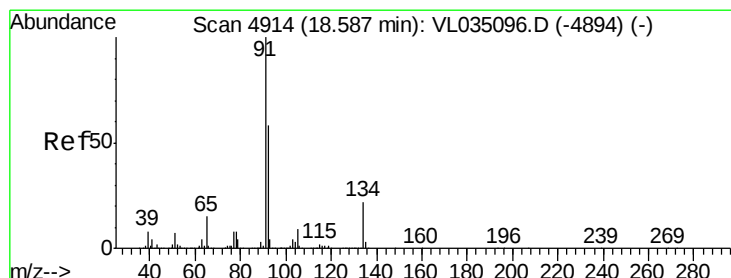
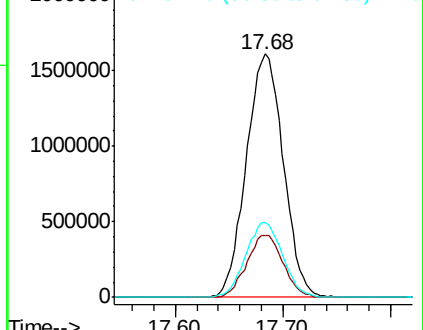
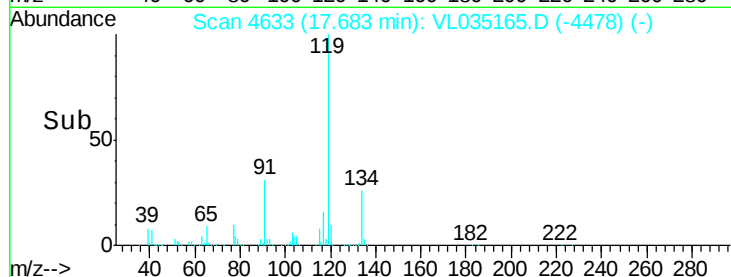


Abundance

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: 8.747 ppbv

RT: 18.58 min Scan# 4912

Delta R.T. -0.01 min

Lab File: VL035165.D

Acq: 7 Jul 2020 5:54

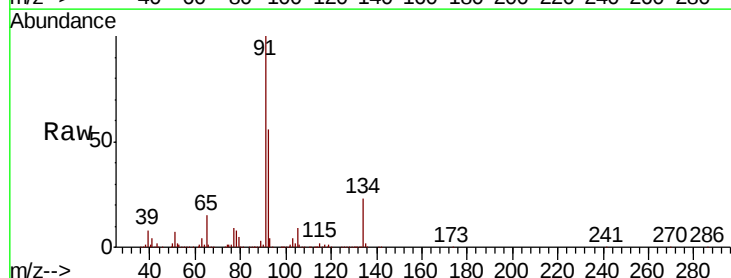
Tgt Ion: 91 Resp: 4075722

Ion	Ratio	Lower	Upper
91	100		
92	55.0	44.4	66.6
134	22.6	18.0	27.0

91 100

92 55.0 44.4 66.6

134 22.6 18.0 27.0

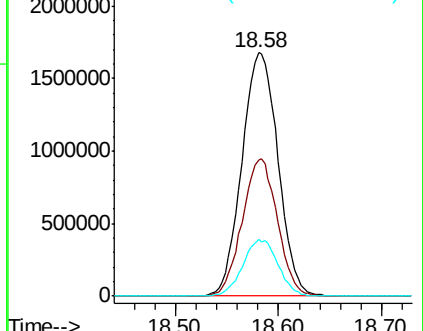
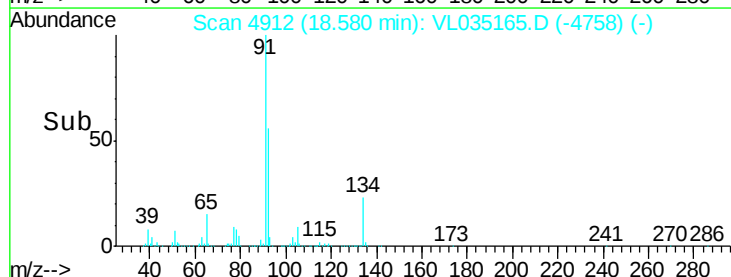


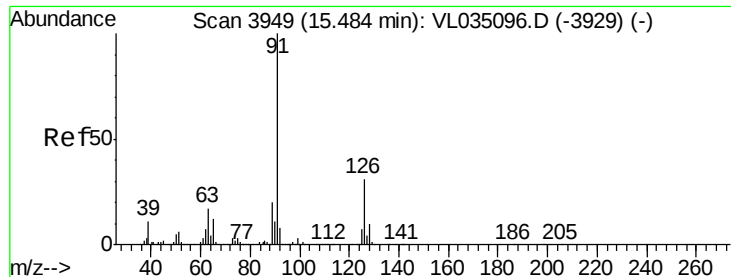
Abundance

Ion 91.10 (90.80 to 91.80): V

Ion 92.10 (91.80 to 92.80): V

Ion 134.20 (133.90 to 134.90): V

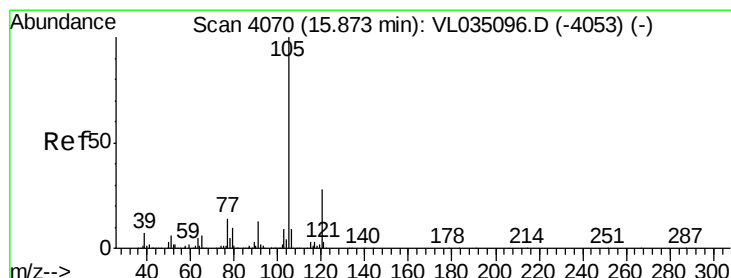
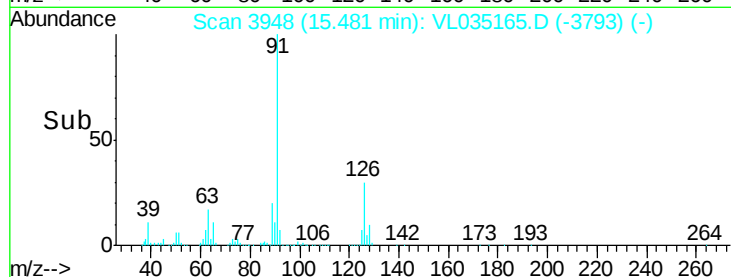
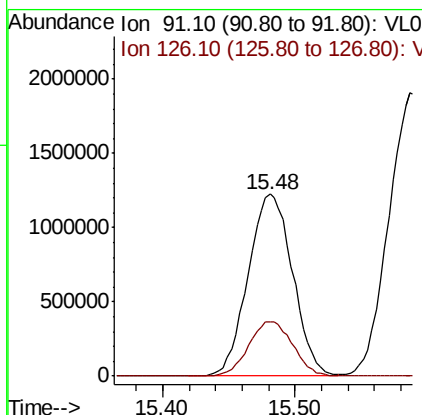
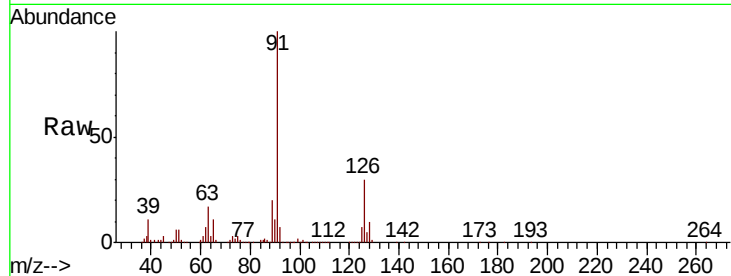




#71
 2-Chlorotoluene
 Concen: 8.548 ppbv
 RT: 15.48 min Scan# 3948
 Delta R.T. -0.00 min
 Lab File: VL035165.D
 Acq: 7 Jul 2020 5:54

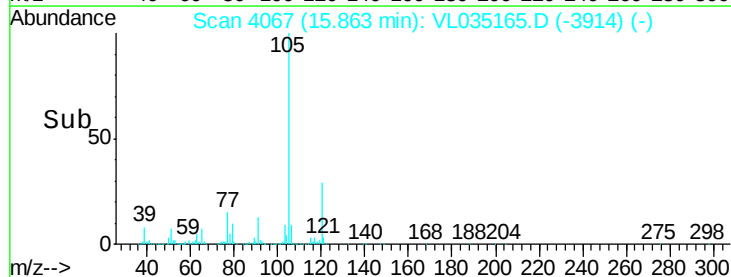
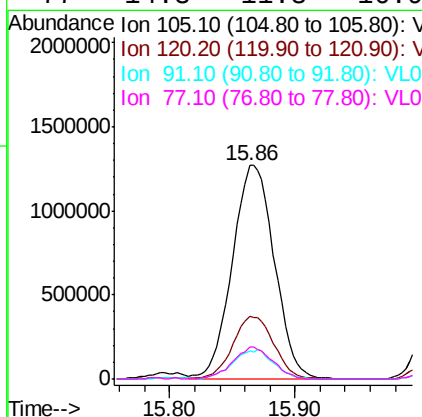
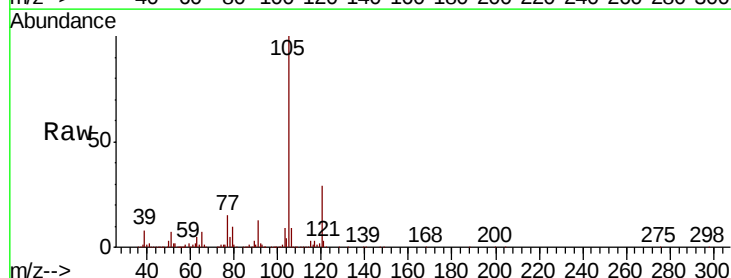
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0706ABS01

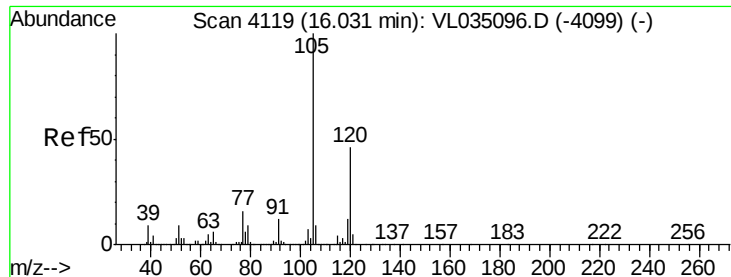
Tot Ion: 91 Resp: 2854873
 Ion Ratio Lower Upper
 91 100
 126 29.7 12.0 48.0



#72
 4-Ethyltoluene
 Concen: 8.943 ppbv
 RT: 15.86 min Scan# 4067
 Delta R.T. -0.01 min
 Lab File: VL035165.D
 Acq: 7 Jul 2020 5:54

Tgt Ion: 105 Resp: 2945726
 Ion Ratio Lower Upper
 105 100
 120 29.5 23.4 35.0
 91 13.8 10.6 16.0
 77 14.3 11.3 16.9

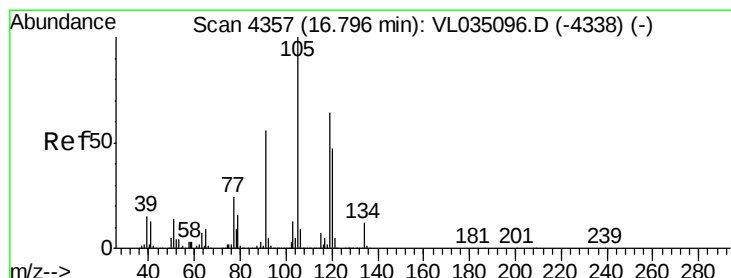
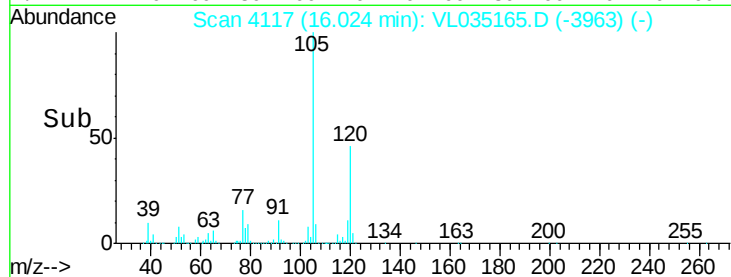
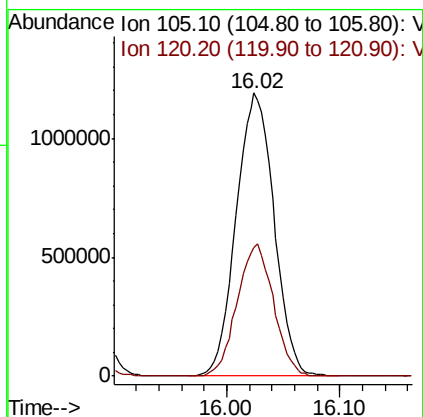
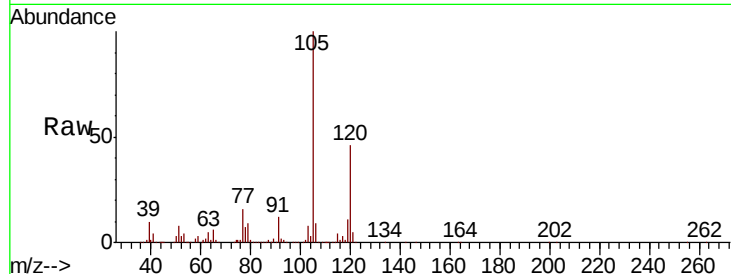




#73
 1,3,5-Trimethylbenzene
 Concen: 8.856 ppbv
 RT: 16.02 min Scan# 4117
 Delta R.T. -0.01 min
 Lab File: VL035165.D
 Acq: 7 Jul 2020 5:54

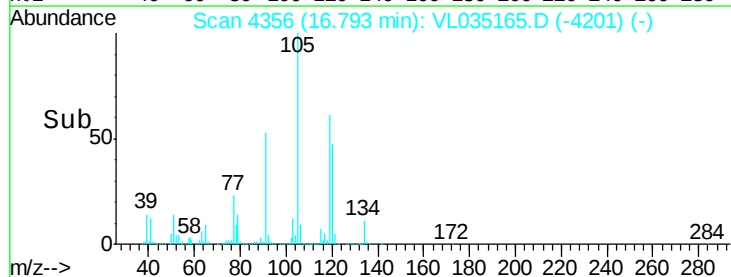
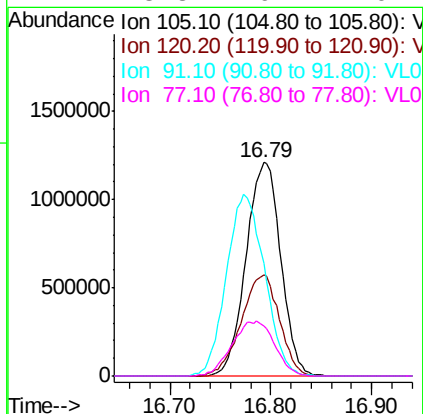
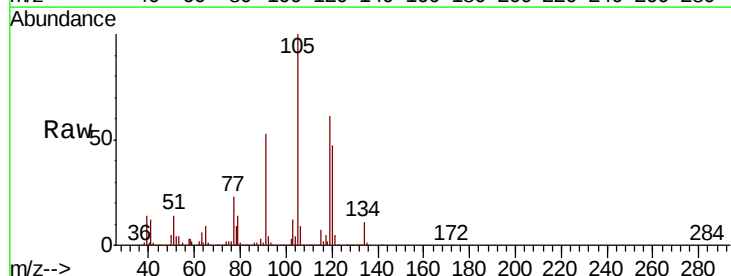
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0706ABS01

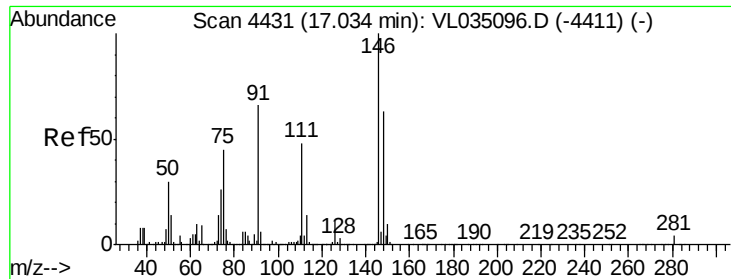
Tot Ion:105 Resp: 2757563
 Ion Ratio Lower Upper
 105 100
 120 45.5 37.0 55.6



#74
 1,2,4-Trimethylbenzene
 Concen: 8.317 ppbv
 RT: 16.79 min Scan# 4356
 Delta R.T. -0.00 min
 Lab File: VL035165.D
 Acq: 7 Jul 2020 5:54

Tgt Ion:105 Resp: 2890460
 Ion Ratio Lower Upper
 105 100
 120 47.4 37.9 56.9
 91 52.9 46.0 69.0
 77 23.3 19.4 29.2





#75

1,3-Dichlorobenzene

Concen: 7.982 ppbv

RT: 17.03 min Scan# 4430

Delta R.T. -0.00 min

Lab File: VL035165.D

Acq: 7 Jul 2020 5:54

Instrument :

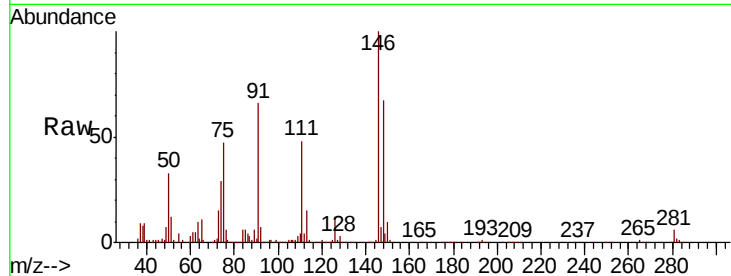
MSVOA_L

ClientSampleId :

VL0706ABS01

Tot Ion:146 Resp: 1655346

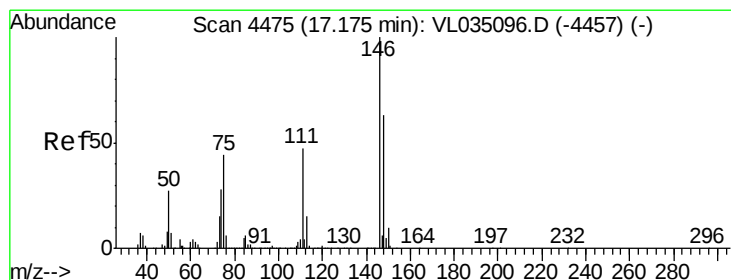
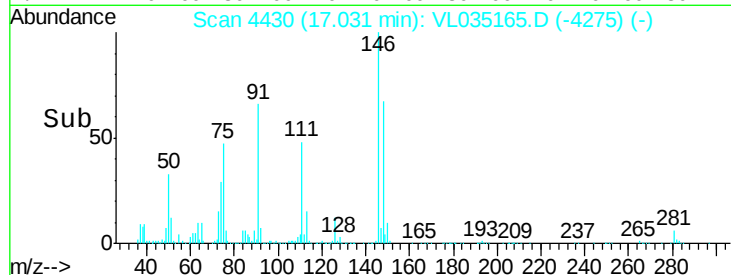
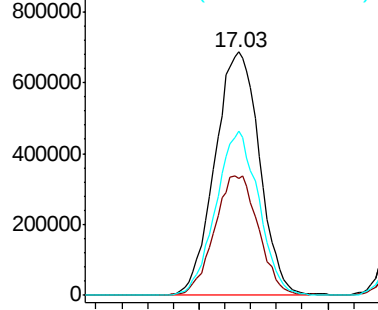
Ion	Ratio	Lower	Upper
146	100		
111	48.6	24.1	72.4
148	64.9	32.3	96.8



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: 8.396 ppbv

RT: 17.17 min Scan# 4474

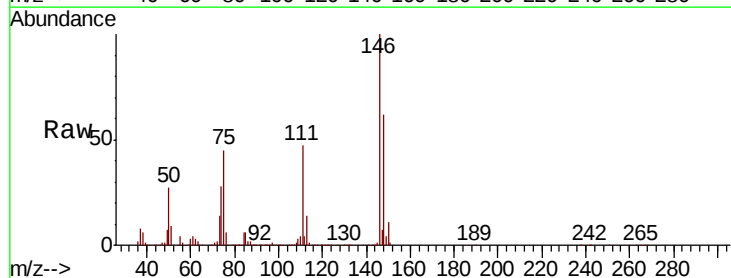
Delta R.T. -0.00 min

Lab File: VL035165.D

Acq: 7 Jul 2020 5:54

Tgt Ion:146 Resp: 1665727

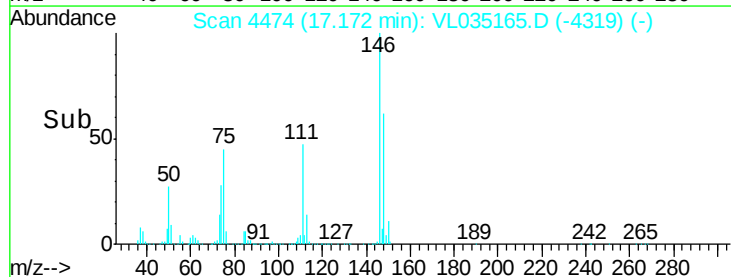
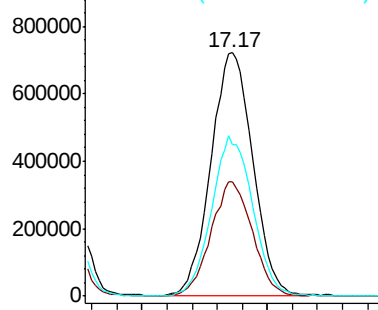
Ion	Ratio	Lower	Upper
146	100		
111	46.3	23.5	70.5
148	65.0	32.0	96.2

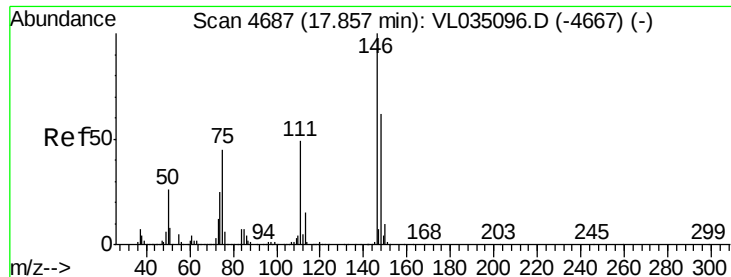


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

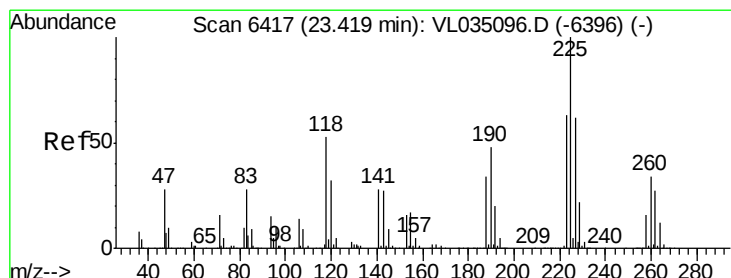
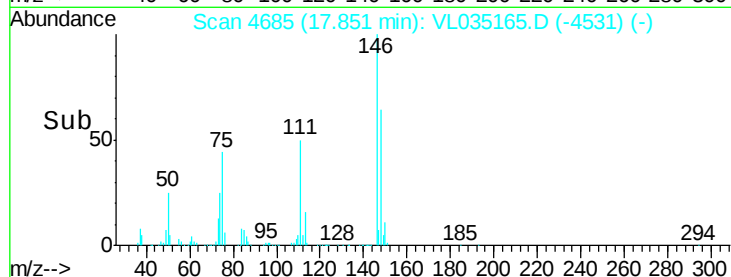
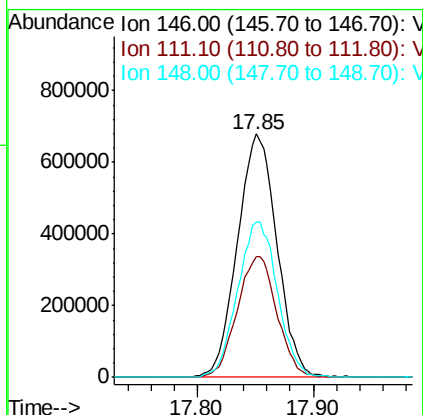
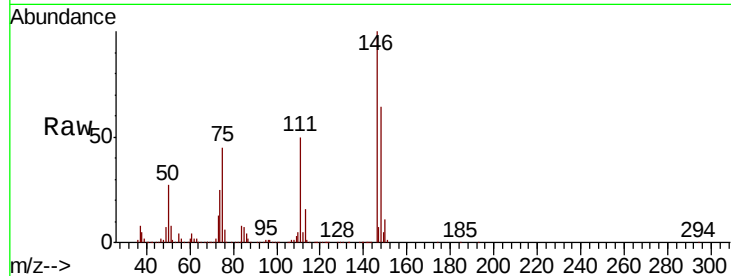




#77
 1,2-Dichlorobenzene
 Concen: 8.472 ppbv
 RT: 17.85 min Scan# 4685
 Delta R.T. -0.01 min
 Lab File: VL035165.D
 Acq: 7 Jul 2020 5:54

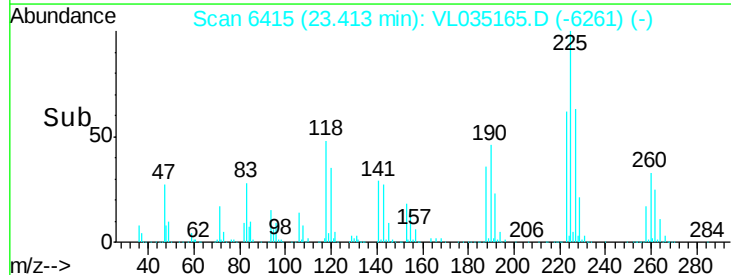
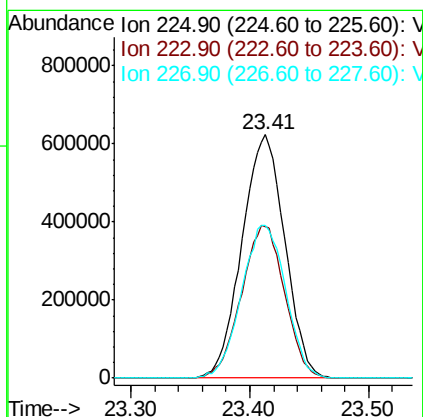
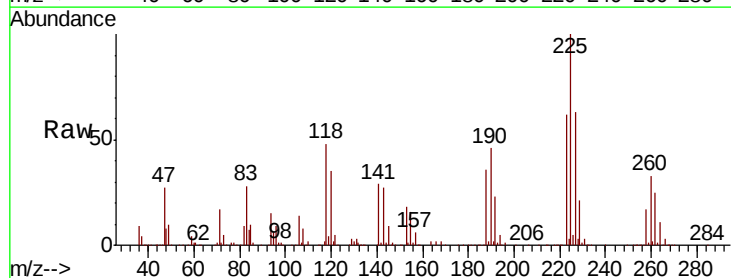
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0706ABS01

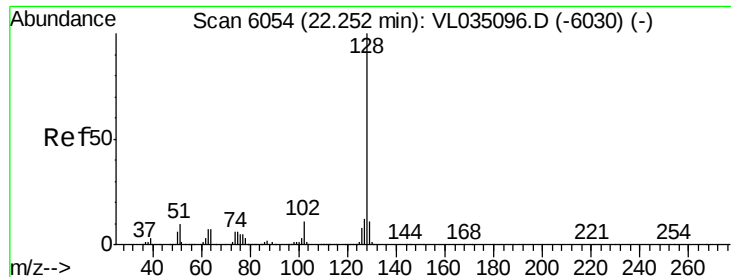
Tot Ion:146 Resp: 1607754
 Ion Ratio Lower Upper
 146 100
 111 50.2 25.0 75.0
 148 64.7 32.3 96.8



#78
 Hexachloro-1,3-Butadiene
 Concen: 9.109 ppbv
 RT: 23.41 min Scan# 6415
 Delta R.T. -0.01 min
 Lab File: VL035165.D
 Acq: 7 Jul 2020 5:54

Tgt Ion:225 Resp: 1553715
 Ion Ratio Lower Upper
 225 100
 223 63.3 51.4 77.0
 227 64.9 51.8 77.8





#79

Naphthalene

Concen: 11.275 ppbv

RT: 22.25 min Scan# 6053

Delta R.T. -0.00 min

Lab File: VL035165.D

Acq: 7 Jul 2020 5:54

Instrument :

MSVOA_L

ClientSampleId :

VL0706ABS01

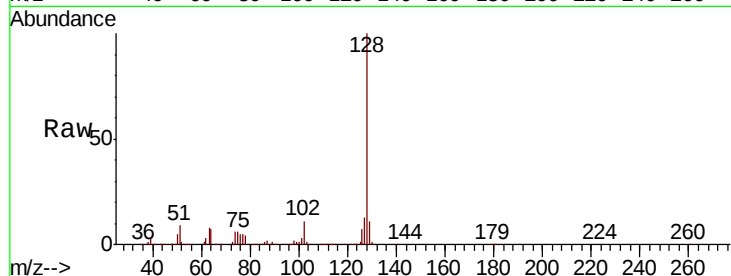
Tot Ion:128 Resp: 3435314

Ion Ratio Lower Upper

128 100

127 13.4 9.9 14.9

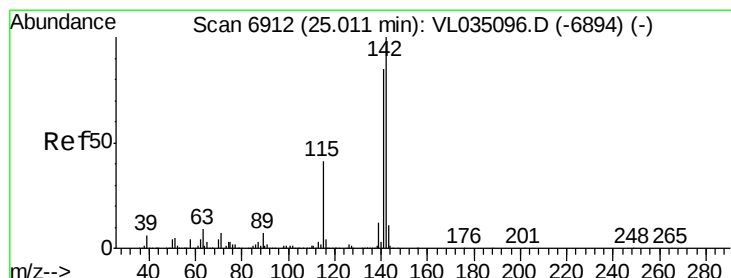
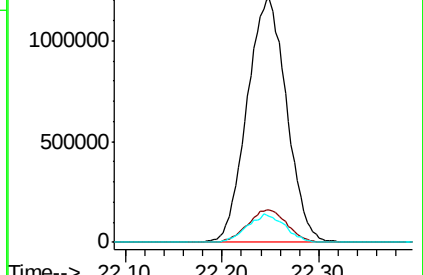
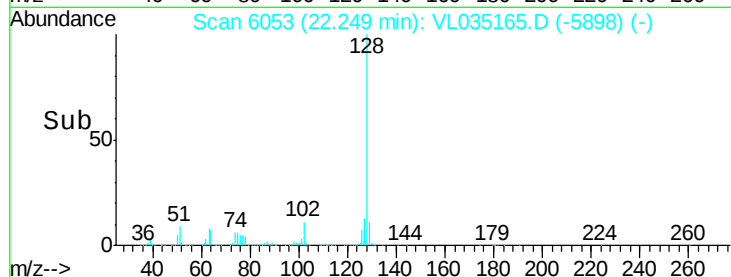
129 10.5 9.0 13.4



Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 11.635 ppbv

RT: 25.00 min Scan# 6909

Delta R.T. -0.01 min

Lab File: VL035165.D

Acq: 7 Jul 2020 5:54

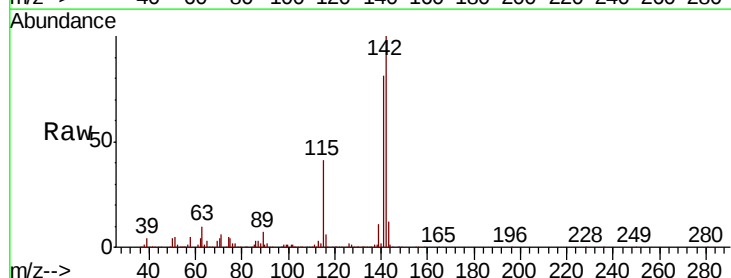
Tgt Ion:142 Resp: 1355385

Ion Ratio Lower Upper

142 100

141 82.8 67.5 101.3

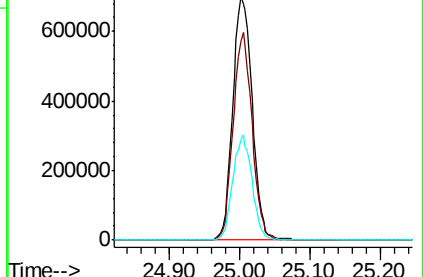
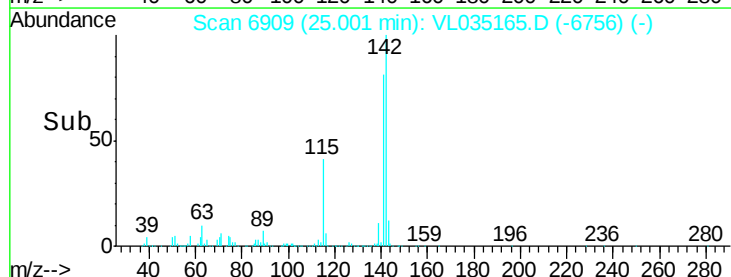
115 42.5 33.8 50.8

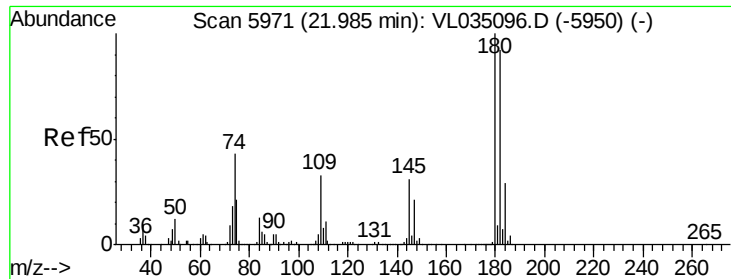


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V

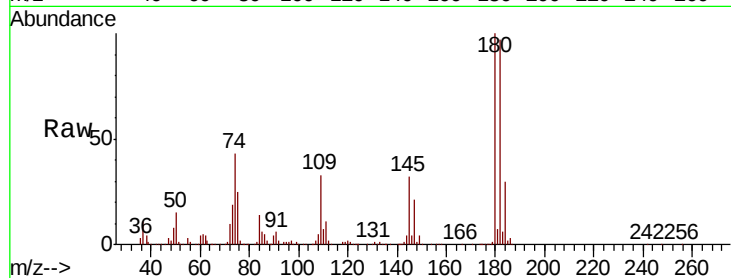




#81
 1,2,4-Trichlorobenzene
 Concen: 10.327 ppbv
 RT: 21.98 min Scan# 5968
 Delta R.T. -0.01 min
 Lab File: VL035165.D
 Acq: 7 Jul 2020 5:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0706ABS01

Tot Ion:180 Resp: 1815056
 Ion Ratio Lower Upper
 180 100
 182 97.0 77.9 116.9
 184 31.3 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

