

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062220\
 Data File : VL035118.D
 Acq On : 22 Jun 2020 19:54
 Operator : SY/AP
 Sample : VL0622ABS01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0622ABS01

Quant Time: Jun 23 01:27:52 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	5.67	49	1276456	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	2985344	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.13	117	3572683	10.00	ppbv	0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.46	95	2449948	8.26	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	82.60%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.01	85	1449056	8.407	ppbv 98
3) Chlorodifluoromethane	2.95	51	1283961	9.106	ppbv 98
4) Chloromethane	3.10	50	735158	9.301	ppbv 94
5) Vinyl Chloride	3.22	62	751438	9.997	ppbv 98
6) Bromomethane	3.44	94	450114	9.643	ppbv 93
7) Chloroethane	3.53	64	270751	9.552	ppbv 100
8) Dichlorotetrafluoroethane	3.15	85	1702108	9.210	ppbv 99
9) Propene	2.97	41	528251	9.461	ppbv 99
10) Heptane	8.14	43	1491058	10.304	ppbv 100
11) Trichlorofluoromethane	3.92	101	1801932	9.786	ppbv 98
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1276567	10.026	ppbv 100
13) Ethanol	3.58	45	148152	7.024	ppbv 99
14) Bromoethene	3.71	108	547510	9.976	ppbv 96
15) Acetone	3.82	43	1363504	8.835	ppbv 99
16) 1,3-Butadiene	3.29	39	664961	9.824	ppbv 100
17) tert-Butyl alcohol	4.27	59	1477291	10.801	ppbv 99
18) 1,1-Dichloroethene	4.27	96	593868	10.341	ppbv 97
19) Isopropyl Alcohol	3.94	45	1011211	10.091	ppbv 100
20) Methylene Chloride	4.32	84	520864	8.339	ppbv 97
21) Allyl Chloride	4.39	41	968684	10.562	ppbv 99
22) trans-1,2-Dichloroethene	4.87	96	583691	10.864	ppbv 96
23) Vinyl Acetate	5.06	43	1953604	10.429	ppbv 99
24) 1,1-Dichloroethane	5.00	63	1499293	9.493	ppbv 100
25) Ethyl Acetate	5.67	43	2603298	9.347	ppbv 99
26) Hexane	5.68	57	1162600	9.259	ppbv 99
27) Carbon Disulfide	4.53	76	1604692	12.349	ppbv 97
28) Methyl tert-Butyl Ether	5.02	73	1772021	10.044	ppbv 100
29) Chloroform	5.75	83	1847558	9.402	ppbv 99
30) Cyclohexane	7.14	84	968568	10.747	ppbv 99
31) cis-1,2-Dichloroethene	5.55	61	1172493	10.129	ppbv 94
32) 1,1,1-Trichloroethane	6.52	97	1801977	9.887	ppbv 100
34) 2-Butanone	5.23	43	1650242	9.626	ppbv 100
35) Carbon Tetrachloride	7.03	117	1854429	10.357	ppbv 98
36) Benzene	6.90	78	2271707	9.827	ppbv 98
37) 1,2-Dichloroethane	6.31	62	1420484	9.723	ppbv 100
38) Trichloroethene	7.85	130	903156	10.059	ppbv 98
39) 1,2-Dichloropropane	7.63	63	906547	10.027	ppbv 100
40) 1,4-Dioxane	7.85	88	170923	4.793	ppbv # 1
41) Tetrahydrofuran	6.04	42	925571	10.570	ppbv 98
42) Bromodichloromethane	7.81	83	1963463	10.377	ppbv 98
43) Methyl Methacrylate	8.03	69	1044216	10.672	ppbv 99

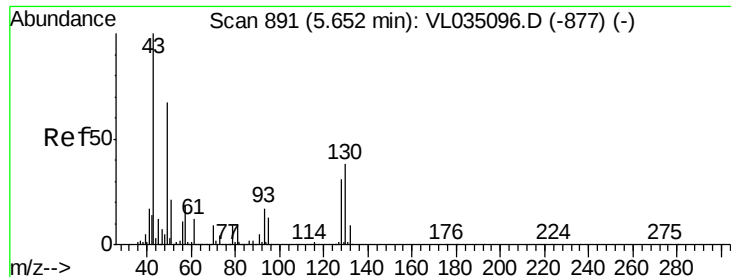
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062220\
 Data File : VL035118.D
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Sat Jun 20 02:10:36 2020
 QLast Update : Sat Jun 20 02:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	3957533	9.809	ppbv	99
45) t-1,3-Dichloropropene	9.31	75	1205985	12.664	ppbv	99
46) cis-1,3-Dichloropropene	8.73	75	1410760	11.925	ppbv	96
47) 1,1,2-Trichloroethane	9.50	97	986397	9.996	ppbv	98
48) Dibromochloromethane	10.34	129	1652763	11.235	ppbv	100
49) Bromoform	13.09	173	1445432	11.566	ppbv	100
50) 4-Methyl-2-Pentanone	8.76	43	2505542	10.286	ppbv	100
51) 2-Hexanone	10.16	43	2039331	10.691	ppbv #	100
52) Tetrachloroethene	11.26	164	824001	10.116	ppbv	96
53) Toluene	9.83	91	2682093	10.877	ppbv	100
54) 1,2-Dibromoethane	10.64	107	1479334	10.125	ppbv	96
56) 1,1,1,2-Tetrachloroethane	12.17	131	1235931	8.453	ppbv #	59
57) Chlorobenzene	12.19	112	2044679	7.778	ppbv	99
58) Ethyl Benzene	12.75	91	3614759	9.005	ppbv	98
59) m/p-Xylene	13.03	91	2993134	8.414	ppbv #	31
60) o-Xylene	13.73	91	2972953	8.394	ppbv	99
61) Styrene	13.57	104	2097448	9.411	ppbv	99
62) Isopropylbenzene	14.71	105	4368006	8.265	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.72	83	2091139	7.290	ppbv	100
64) n-propylbenzene	15.61	120	1150437	8.530	ppbv	97
65) tert-Butylbenzene	16.79	119	3754476	8.296	ppbv	100
66) Benzyl Chloride	17.04	91	1563611	11.185	ppbv	99
67) sec-Butylbenzene	17.35	105	5334619	8.224	ppbv	100
69) p-Isopropyltoluene	17.70	119	4365425	8.438	ppbv	99
70) n-Butylbenzene	18.60	91	4573405	8.206	ppbv	99
71) 2-Chlorotoluene	15.50	91	3369349	8.434	ppbv	100
72) 4-Ethyltoluene	15.89	105	3463397	8.791	ppbv	100
73) 1,3,5-Trimethylbenzene	16.05	105	3233852	8.683	ppbv	96
74) 1,2,4-Trimethylbenzene	16.81	105	3289501	7.914	ppbv	96
75) 1,3-Dichlorobenzene	17.05	146	1918062	7.732	ppbv	99
76) 1,4-Dichlorobenzene	17.19	146	1874757	7.901	ppbv	99
77) 1,2-Dichlorobenzene	17.87	146	1778330	7.835	ppbv	100
78) Hexachloro-1,3-Butadiene	23.43	225	1445714	7.086	ppbv	99
79) Naphthalene	22.27	128	3238178	8.886	ppbv	98
80) Naphthalene, 2-methyl-	25.02	142	1499625	10.762	ppbv	99
81) 1,2,4-Trichlorobenzene	22.00	180	1713825	8.152	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. 0.02 min

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ClientSampleId :

VL0622ABS01

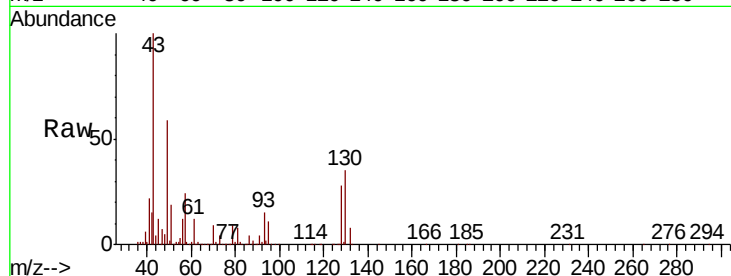
Tot Ion: 49 Resp: 1276456

Ion Ratio Lower Upper

49 100

128 46.1 22.9 68.5

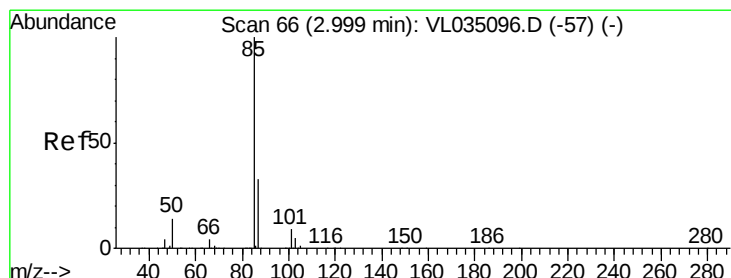
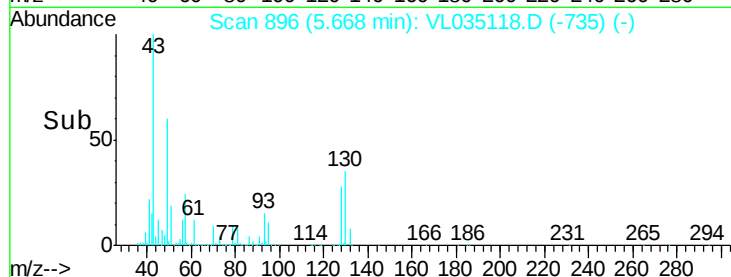
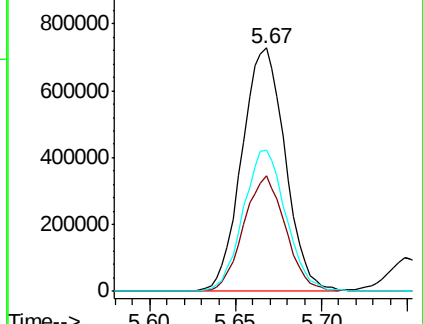
130 57.4 29.0 87.0



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: 8.407 ppbv

RT: 3.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VL035118.D

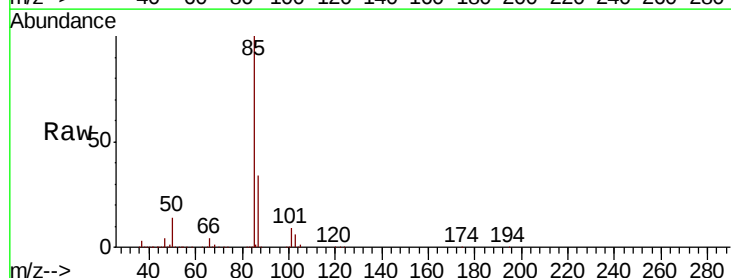
Acq: 22 Jun 2020 19:54

Tgt Ion: 85 Resp: 1449056

Ion Ratio Lower Upper

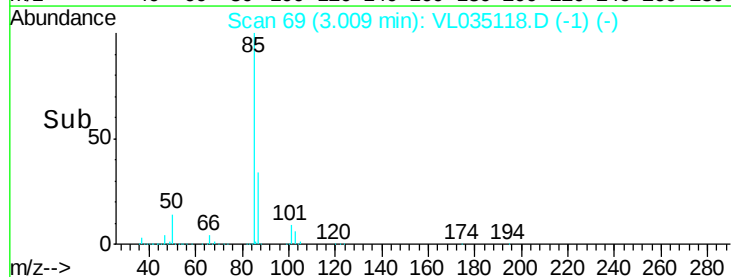
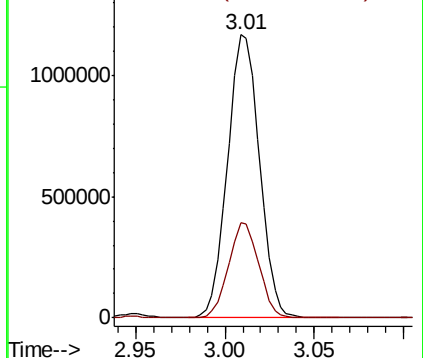
85 100

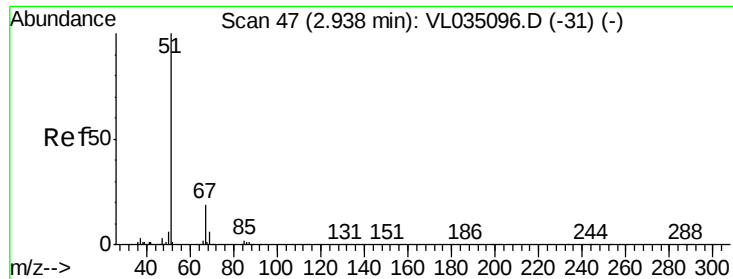
87 33.7 26.1 39.1



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 9.106 ppbv

RT: 2.95 min Scan# 50

Delta R.T. 0.01 min

Lab File: VL035118.D

Acq: 22 Jun 2020 19:54

Instrument :

MSVOA_L

ClientSampleId :

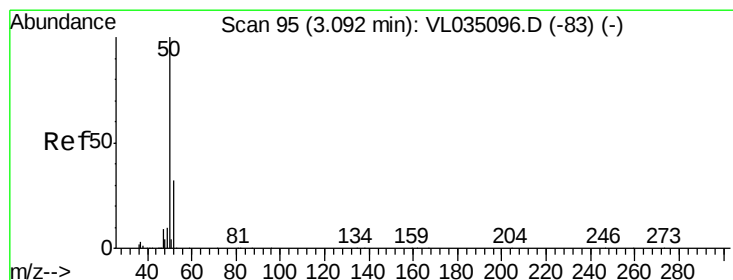
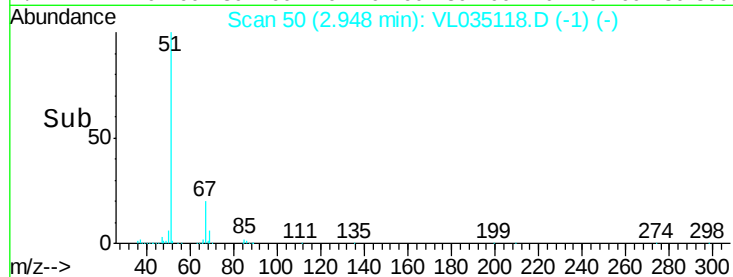
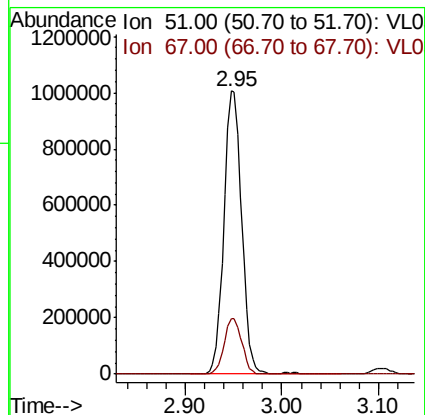
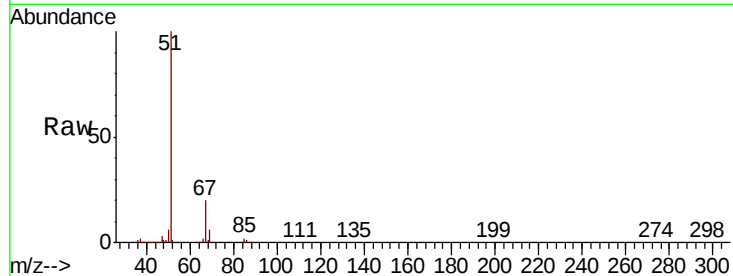
VL0622ABS01

Tot Ion: 51 Resp: 1283961

Ion Ratio Lower Upper

51 100

67 19.8 15.2 22.8



#4

Chloromethane

Concen: 9.301 ppbv

RT: 3.10 min Scan# 98

Delta R.T. 0.01 min

Lab File: VL035118.D

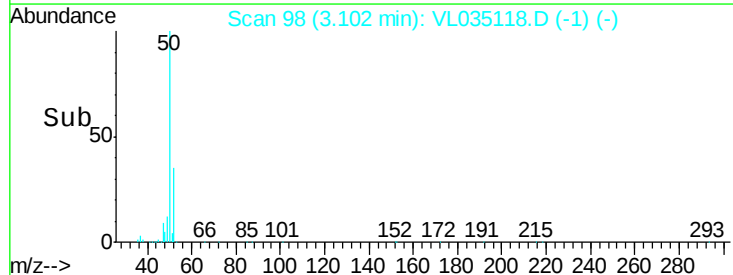
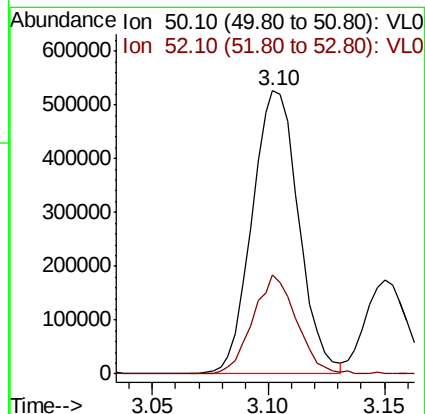
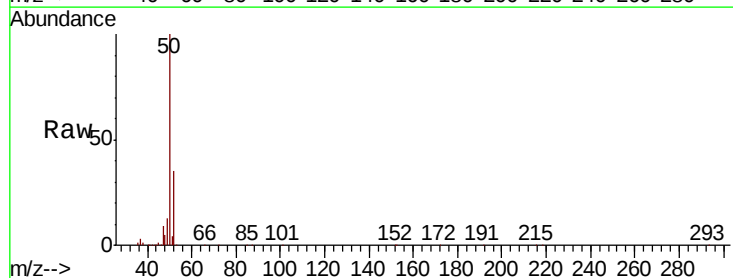
Acq: 22 Jun 2020 19:54

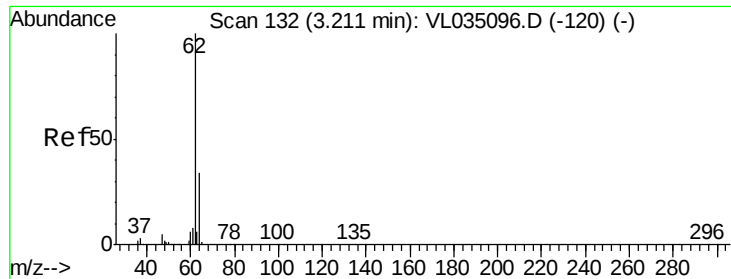
Tgt Ion: 50 Resp: 735158

Ion Ratio Lower Upper

50 100

52 35.1 25.4 38.0





#5

Vinyl Chloride

Concen: 9.997 ppbv

RT: 3.22 min Scan# 135

Delta R.T. 0.01 min

Lab File: VL035118.D

Acq: 22 Jun 2020 19:54

Instrument :

MSVOA_L

ClientSampleId :

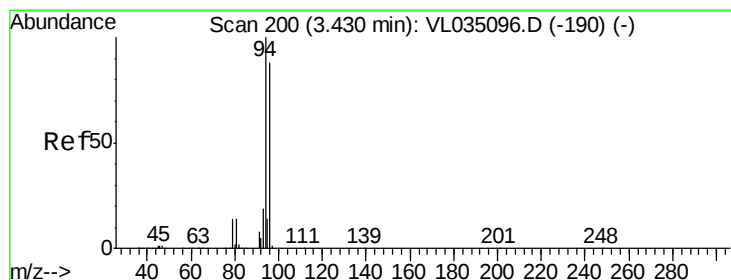
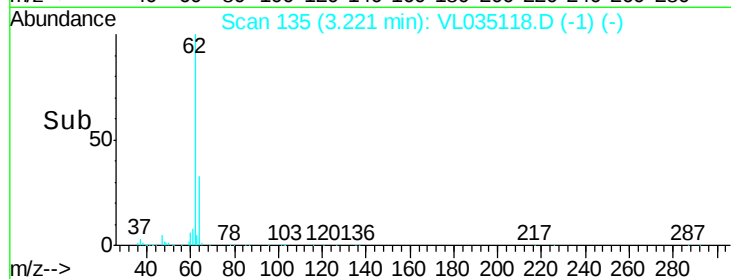
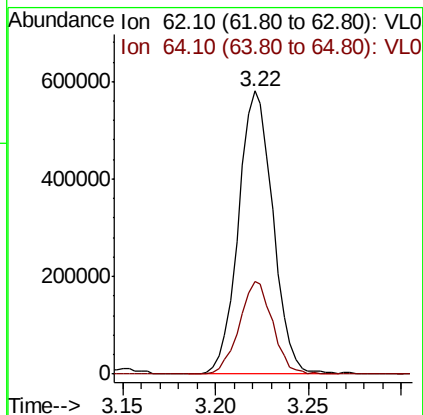
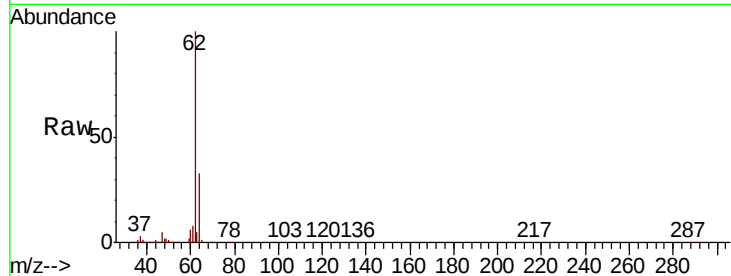
VL0622ABS01

Tot Ion: 62 Resp: 751438

Ion Ratio Lower Upper

62 100

64 32.8 27.0 40.4



#6

Bromomethane

Concen: 9.643 ppbv

RT: 3.44 min Scan# 203

Delta R.T. 0.01 min

Lab File: VL035118.D

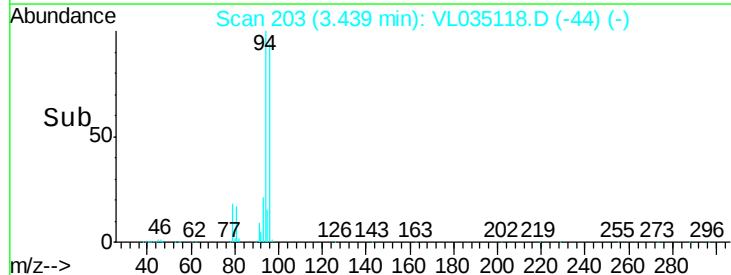
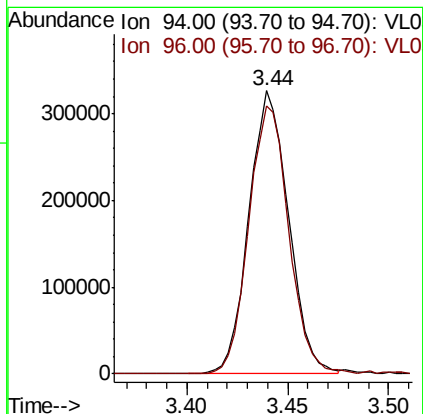
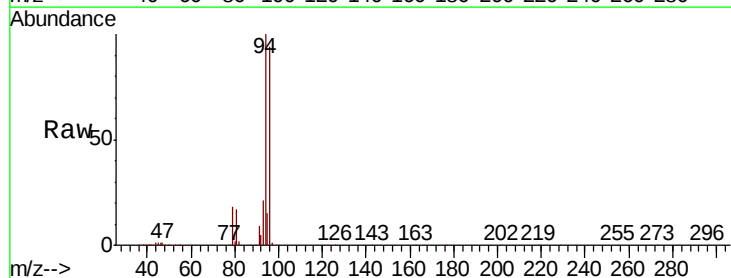
Acq: 22 Jun 2020 19:54

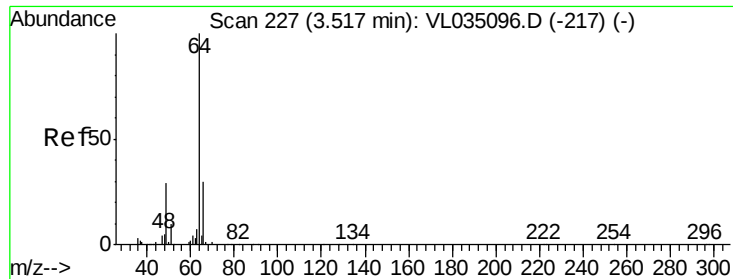
Tgt Ion: 94 Resp: 450114

Ion Ratio Lower Upper

94 100

96 94.5 70.2 105.2





#7

Chloroethane

Concen: 9.552 ppbv

RT: 3.53 min Scan# 230

Delta R.T. 0.01 min

Lab File: VL035118.D

Acq: 22 Jun 2020 19:54

Instrument :

MSVOA_L

ClientSampleId :

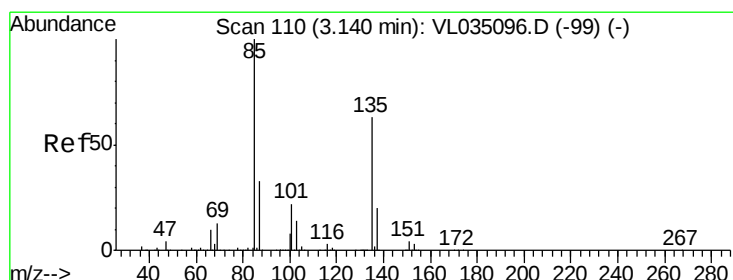
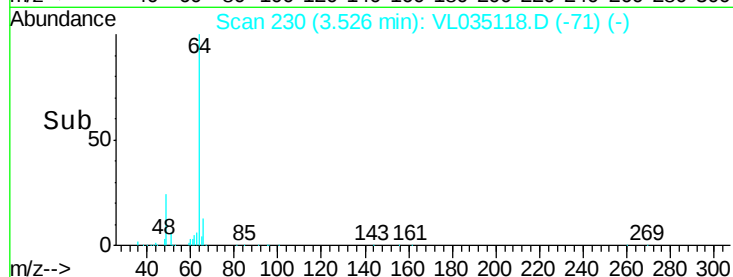
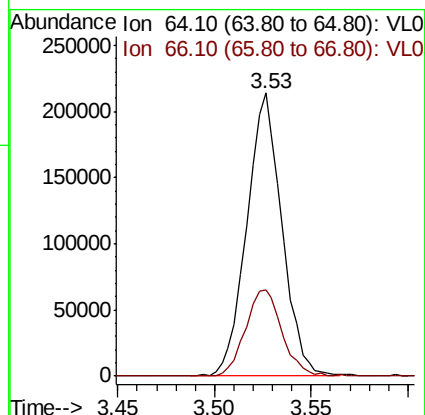
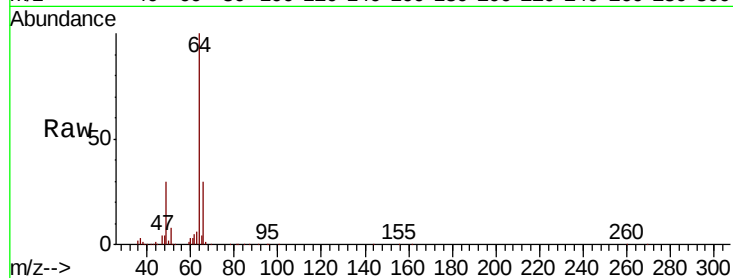
VL0622ABS01

Tot Ion: 64 Resp: 270751

Ion Ratio Lower Upper

64 100

66 30.3 24.2 36.4



#8

Dichlorotetrafluoroethane

Concen: 9.210 ppbv

RT: 3.15 min Scan# 114

Delta R.T. 0.01 min

Lab File: VL035118.D

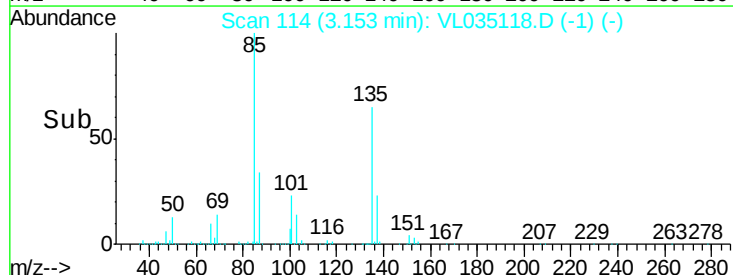
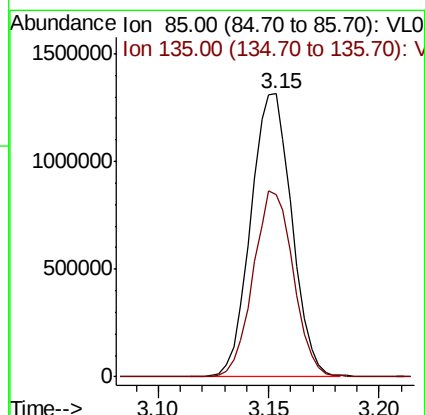
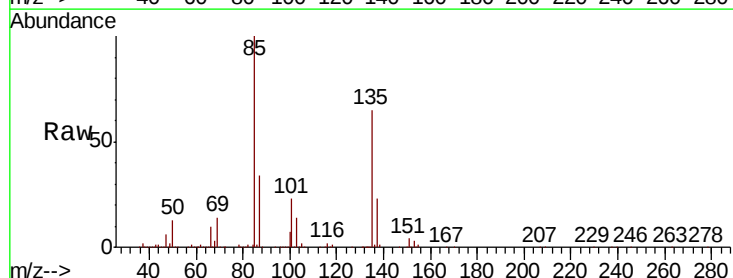
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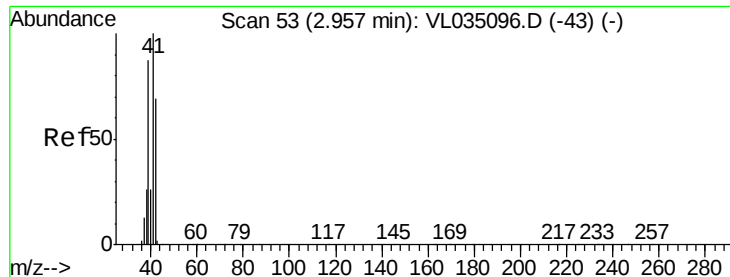
Tgt Ion: 85 Resp: 1702108

Ion Ratio Lower Upper

85 100

135 64.5 51.0 76.6





#9

Propene

Concen: 9.461 ppbv

RT: 2.97 min Scan# 57

Delta R.T. 0.01 min

Lab File: VL035118.D

Acq: 22 Jun 2020 19:54

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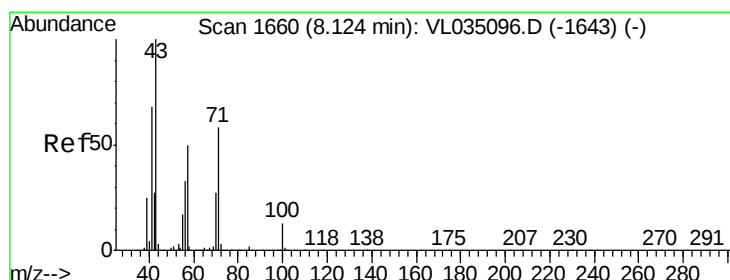
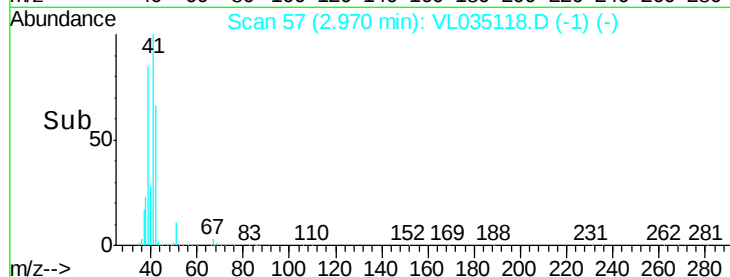
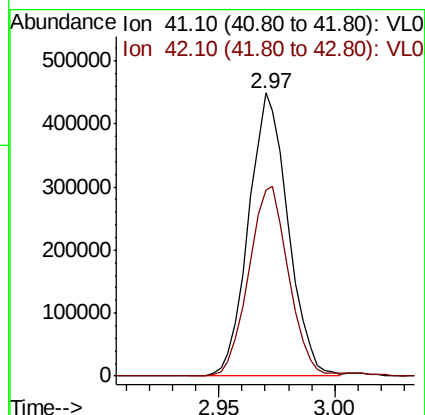
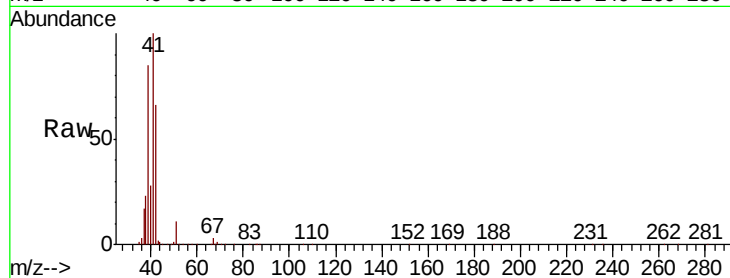
VL0622ABS01

Tot Ion: 41 Resp: 528251

Ion Ratio Lower Upper

41 100

42 69.1 55.8 83.6



#10

Heptane

Concen: 10.304 ppbv

RT: 8.14 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VL035118.D

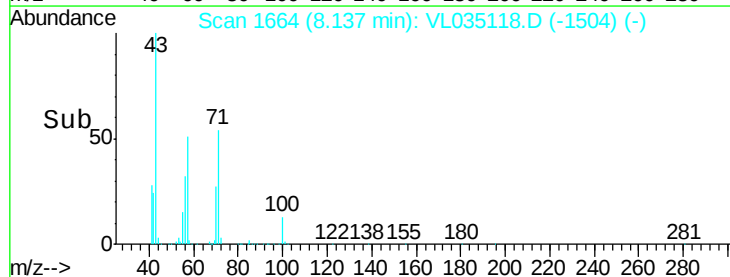
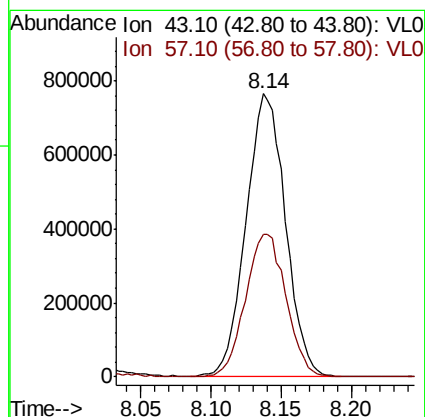
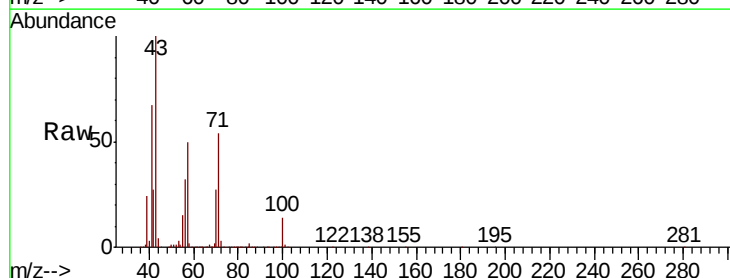
Acq: 22 Jun 2020 19:54

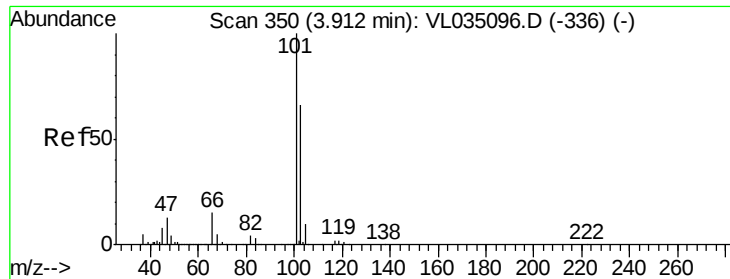
Tgt Ion: 43 Resp: 1491058

Ion Ratio Lower Upper

43 100

57 52.2 41.9 62.9

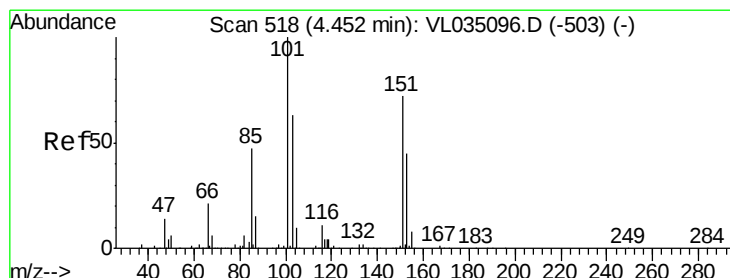
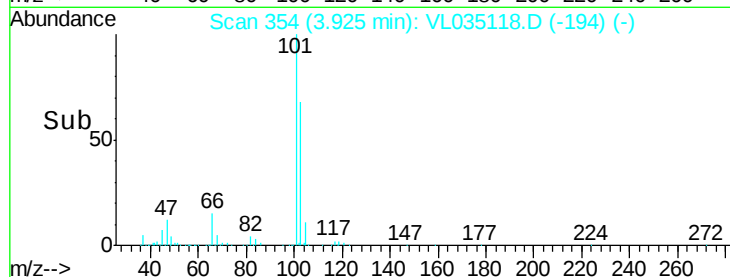
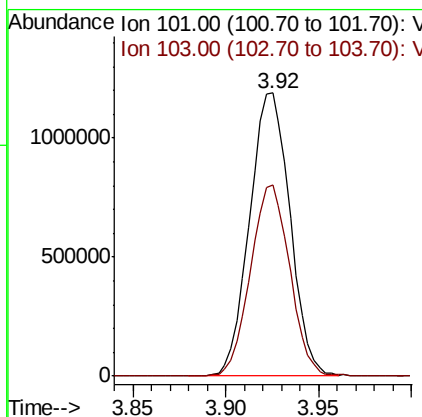
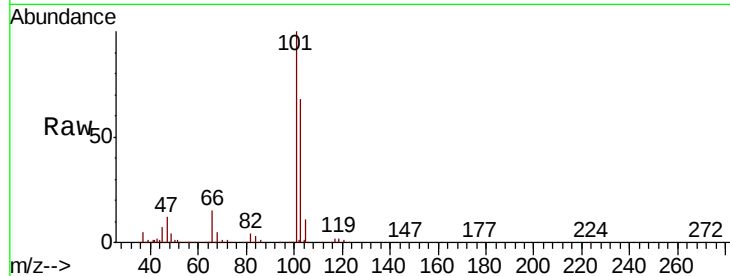




#11
 Trichlorofluoromethane
 Concen: 9.786 ppbv
 RT: 3.92 min Scan# 354
 Delta R.T. 0.01 min
 Lab File: VL035118.D
 Acq: 22 Jun 2020 19:54

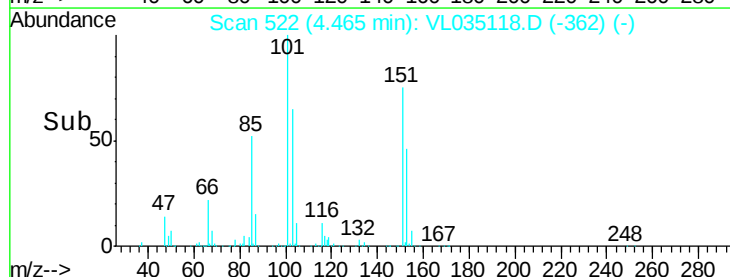
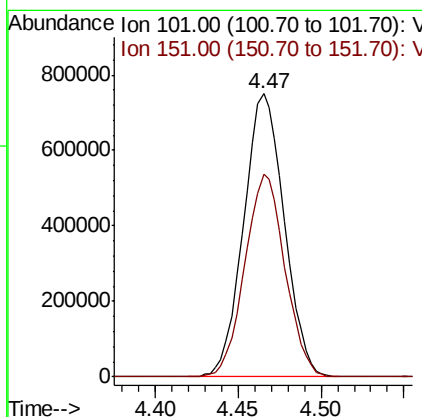
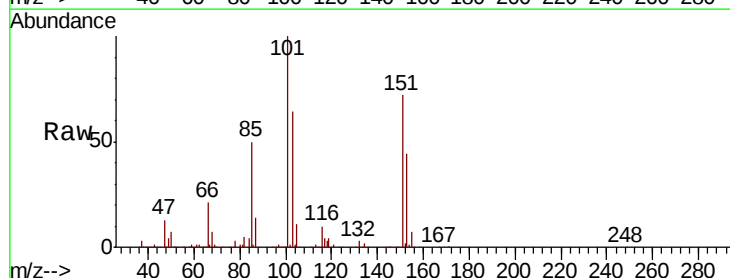
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0622ABS01

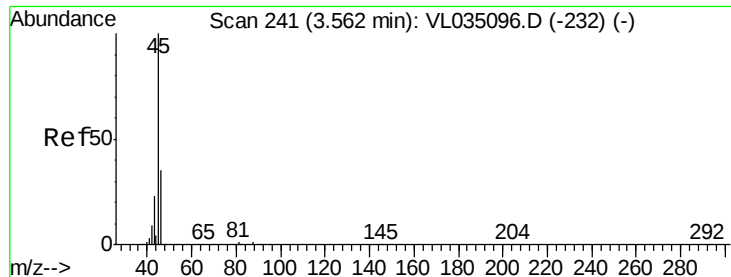
Tot Ion:101 Resp: 1801932
 Ion Ratio Lower Upper
 101 100
 103 67.6 52.6 79.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.026 ppbv
 RT: 4.47 min Scan# 522
 Delta R.T. 0.01 min
 Lab File: VL035118.D
 Acq: 22 Jun 2020 19:54

Tgt Ion:101 Resp: 1276567
 Ion Ratio Lower Upper
 101 100
 151 70.8 56.6 85.0





#13

Ethanol

Concen: 7.024 ppbv

RT: 3.58 min Scan# 246

Delta R.T. 0.02 min

Lab File: VL035118.D

Acq: 22 Jun 2020 19:54

Instrument :

MSVOA_L

ClientSampleId :

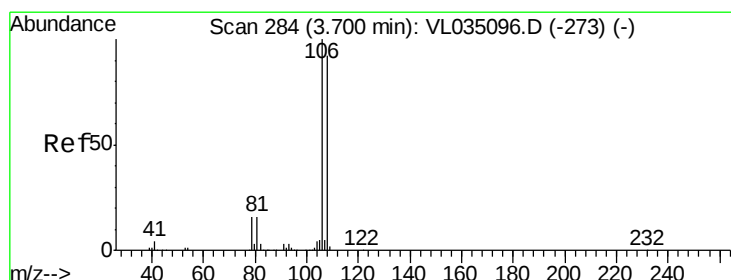
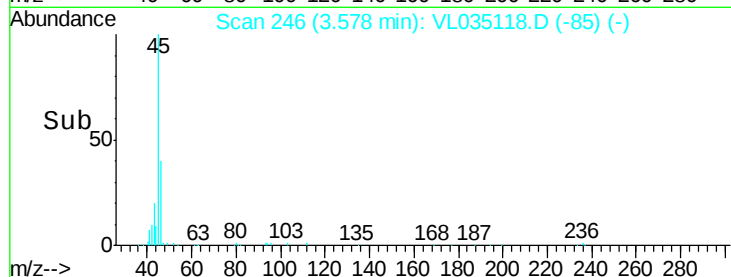
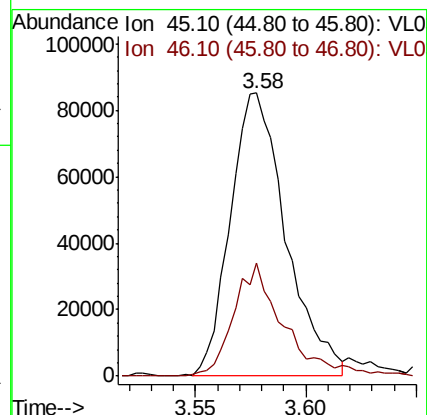
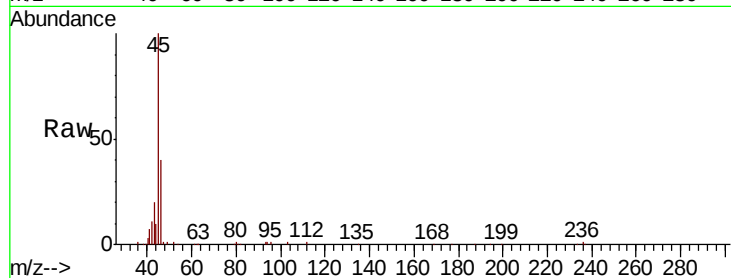
VL0622ABS01

Tot Ion: 45 Resp: 148152

Ion Ratio Lower Upper

45 100

46 36.5 14.2 57.0



#14

Bromoethene

Concen: 9.976 ppbv

RT: 3.71 min Scan# 287

Delta R.T. 0.01 min

Lab File: VL035118.D

Acq: 22 Jun 2020 19:54

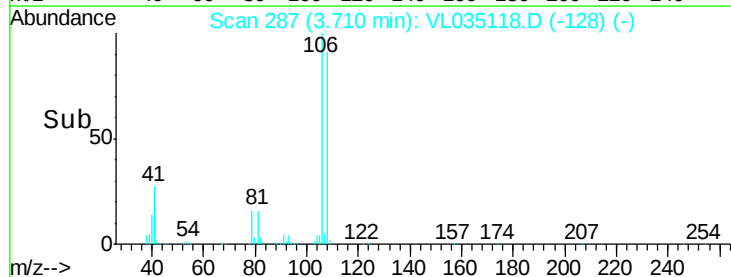
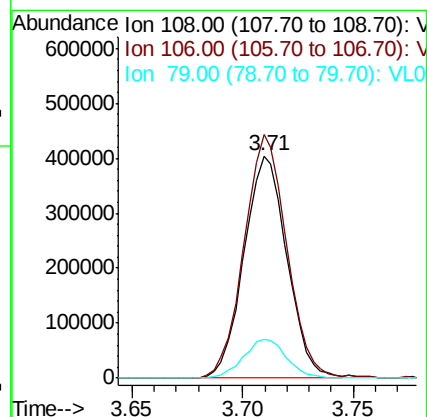
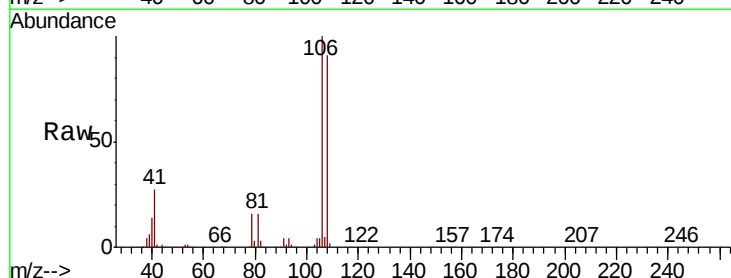
Tgt Ion: 108 Resp: 547510

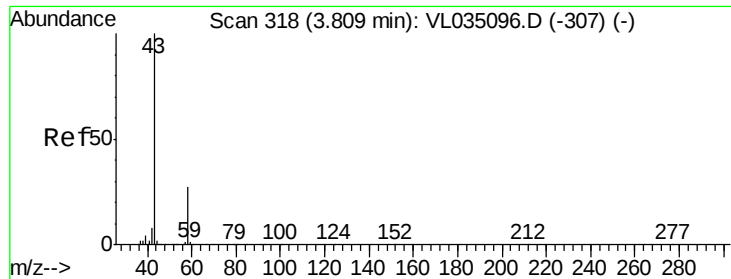
Ion Ratio Lower Upper

108 100

106 109.8 84.4 126.6

79 17.7 14.2 21.2





#15

Acetone

Concen: 8.835 ppbv

RT: 3.82 min Scan# 322

Delta R.T. 0.01 min

Lab File: VL035118.D

Acq: 22 Jun 2020 19:54

Instrument :

MSVOA_L

ClientSampleId :

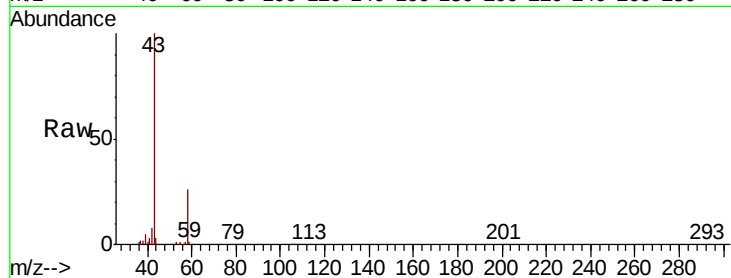
VL0622ABS01

Tot Ion: 43 Resp: 1363504

Ion Ratio Lower Upper

43 100

58 26.6 21.8 32.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.82

1000000

800000

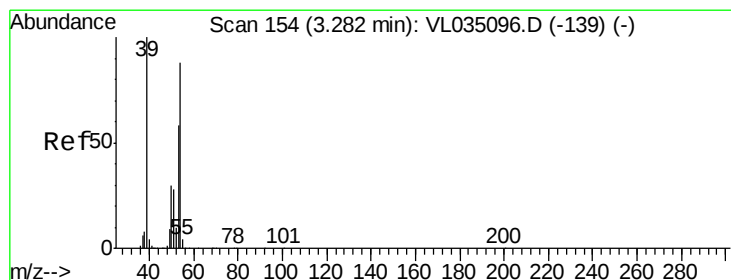
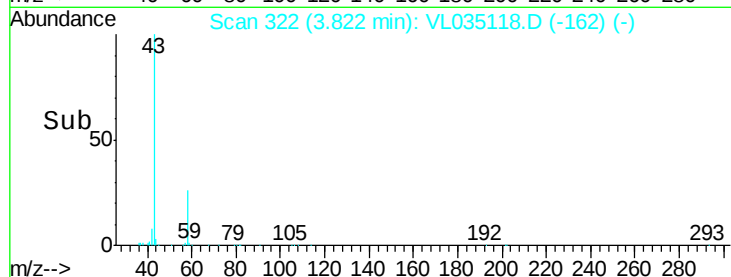
600000

400000

200000

0

Time--> 3.75 3.80 3.85 3.90



#16

1,3-Butadiene

Concen: 9.824 ppbv

RT: 3.29 min Scan# 157

Delta R.T. 0.01 min

Lab File: VL035118.D

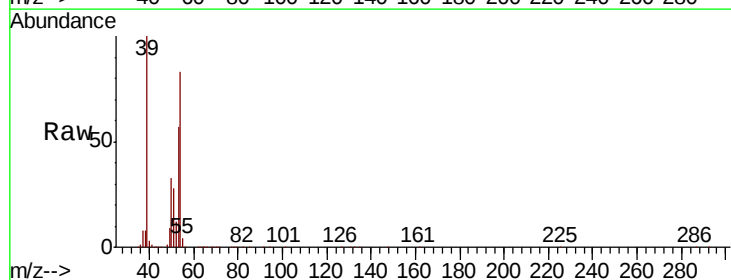
Acq: 22 Jun 2020 19:54

Tgt Ion: 39 Resp: 664961

Ion Ratio Lower Upper

39 100

54 83.5 67.0 100.4



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0

600000

500000

400000

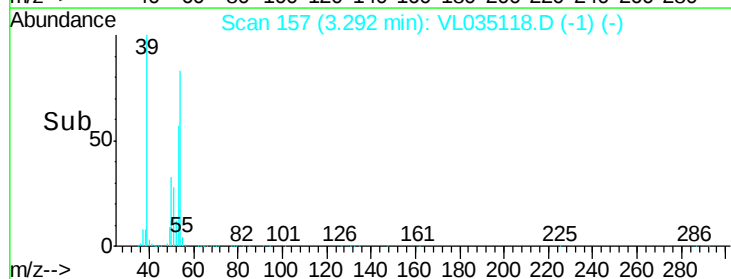
300000

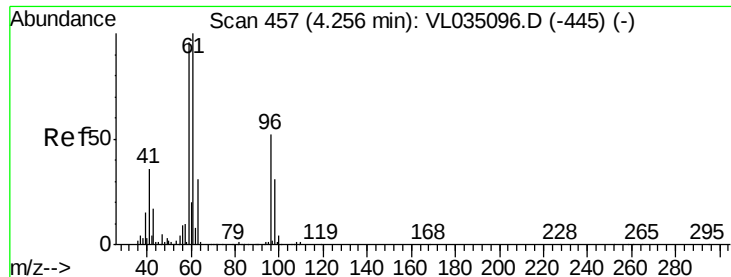
200000

100000

0

Time--> 3.20 3.25 3.30 3.35



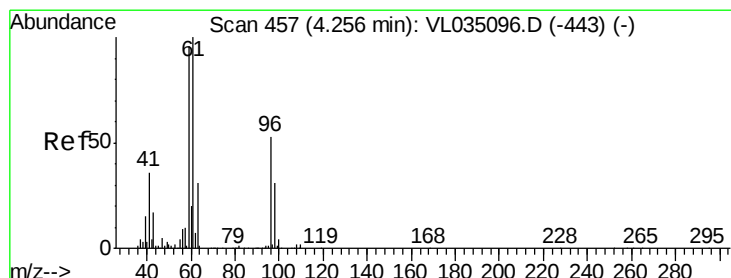
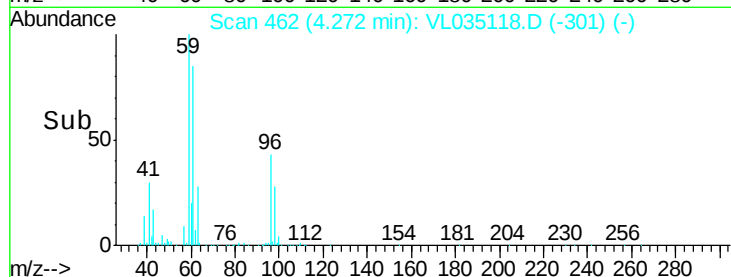
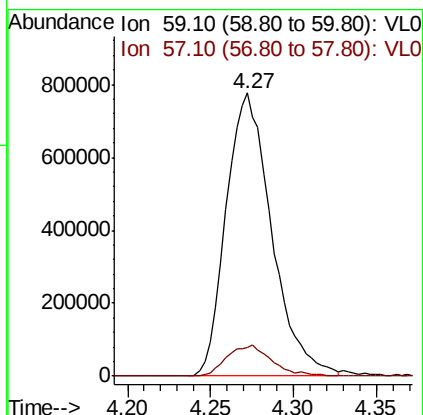
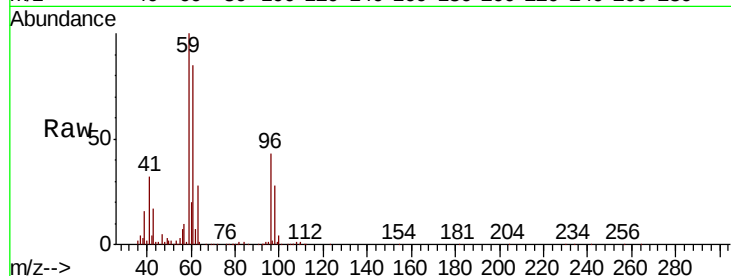


#17

tert-Butyl alcohol
 Concen: 10.801 ppbv
 RT: 4.27 min Scan# 462
 Delta R.T. 0.02 min
 Lab File: VL035118.D
 Acq: 22 Jun 2020 19:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0622ABS01

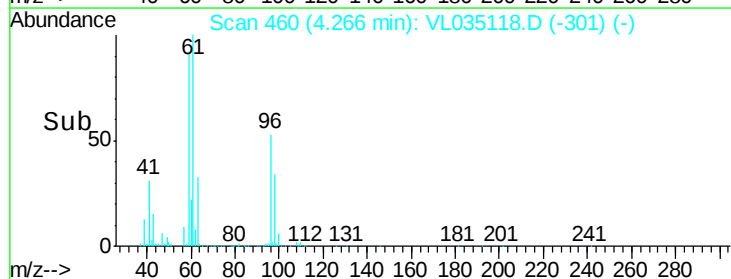
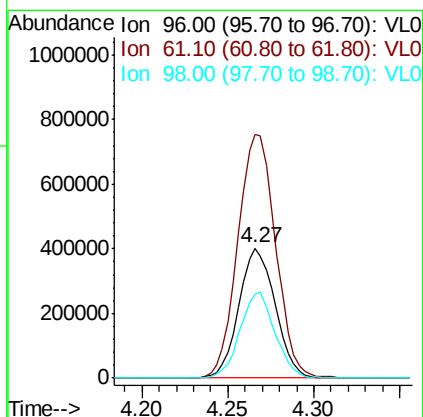
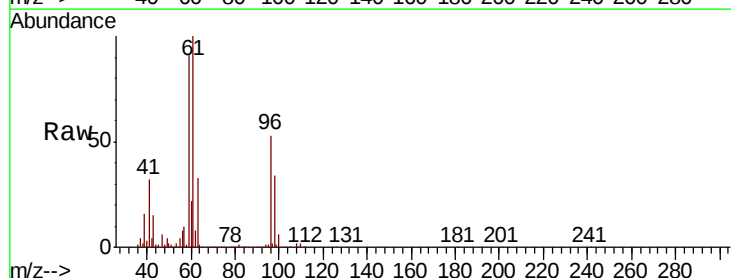
Tot Ion: 59 Resp: 1477291
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.6 12.8

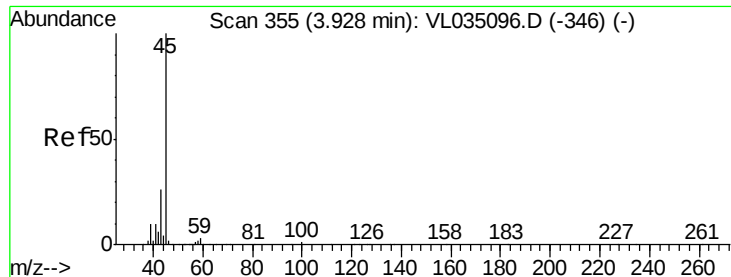


#18

1,1-Dichloroethene
 Concen: 10.341 ppbv
 RT: 4.27 min Scan# 460
 Delta R.T. 0.01 min
 Lab File: VL035118.D
 Acq: 22 Jun 2020 19:54

Tgt Ion: 96 Resp: 593868
 Ion Ratio Lower Upper
 96 100
 61 187.0 152.2 228.4
 98 64.3 47.7 71.5



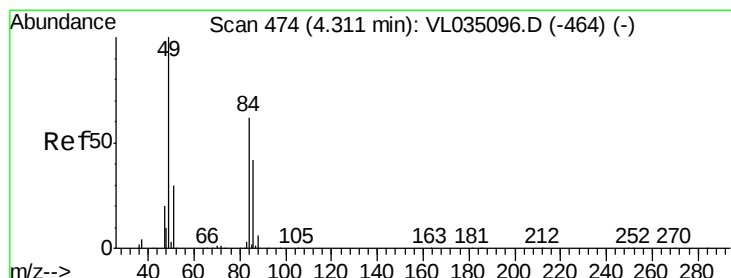
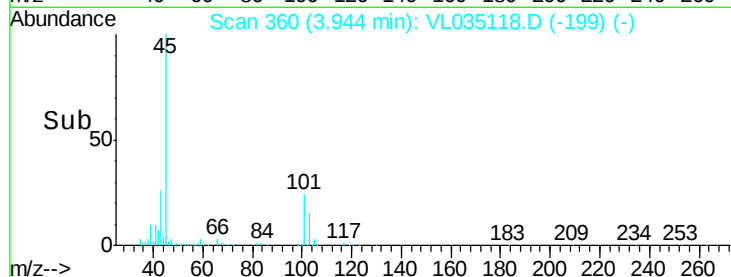
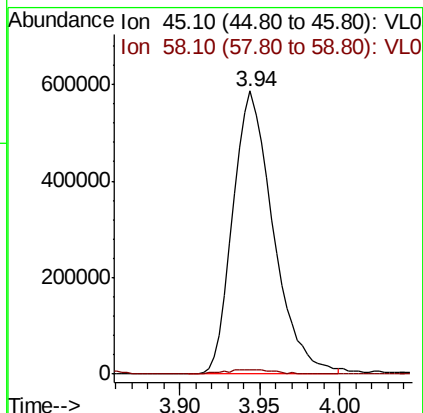
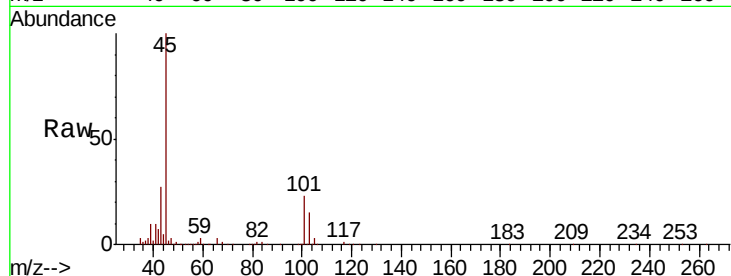


#19

Isopropyl Alcohol
 Concen: 10.091 ppbv
 RT: 3.94 min Scan# 360
 Delta R.T. 0.02 min
 Lab File: VL035118.D
 Acq: 22 Jun 2020 19:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0622ABS01

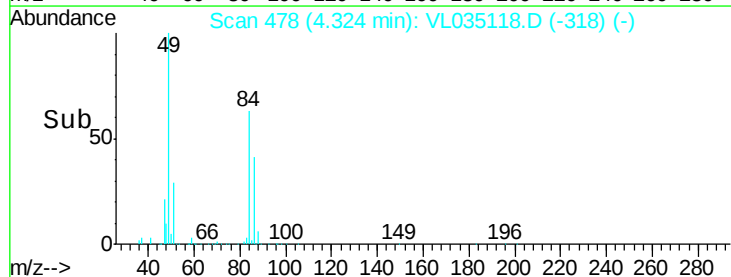
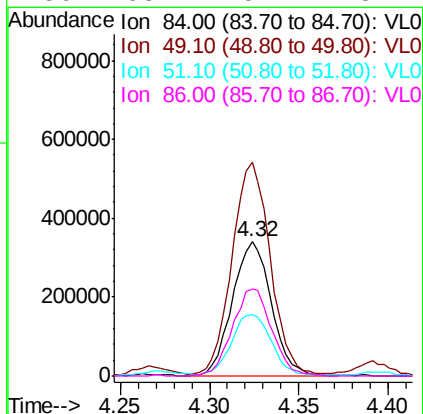
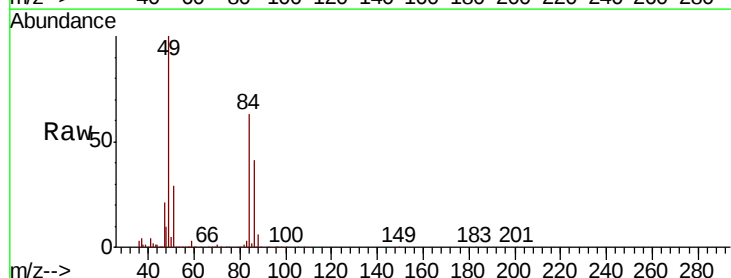
Tot Ion: 45 Resp: 1011211
 Ion Ratio Lower Upper
 45 100
 58 2.2 1.8 2.8

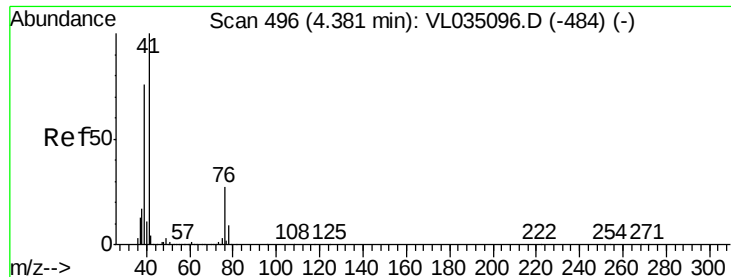


#20

Methylene Chloride
 Concen: 8.339 ppbv
 RT: 4.32 min Scan# 478
 Delta R.T. 0.01 min
 Lab File: VL035118.D
 Acq: 22 Jun 2020 19:54

Tgt Ion: 84 Resp: 520864
 Ion Ratio Lower Upper
 84 100
 49 158.0 128.8 193.2
 51 44.6 38.7 58.1
 86 65.1 54.1 81.1





#21

Allvl Chloride

Concen: 10.562 ppbv

RT: 4.39 min Scan# 499

Delta R.T. 0.01 min

Lab File: VL035118.D

Acq: 22 Jun 2020 19:54

Instrument :

MSVOA_L

ClientSampleId :

VL0622ABS01

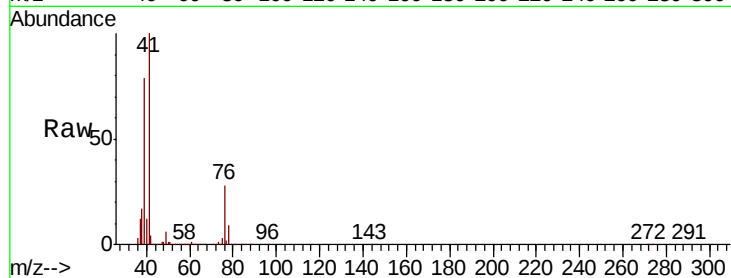
Tot Ion: 41 Resp: 968684

Ion Ratio Lower Upper

41 100

76 29.4 22.6 34.0

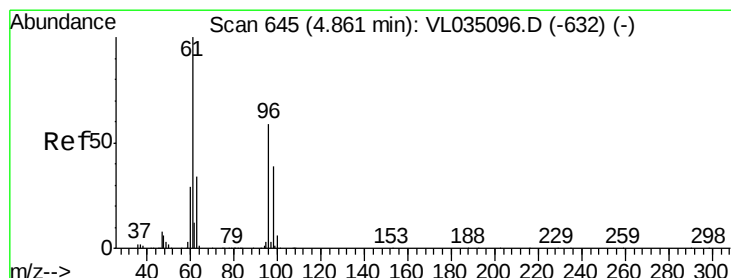
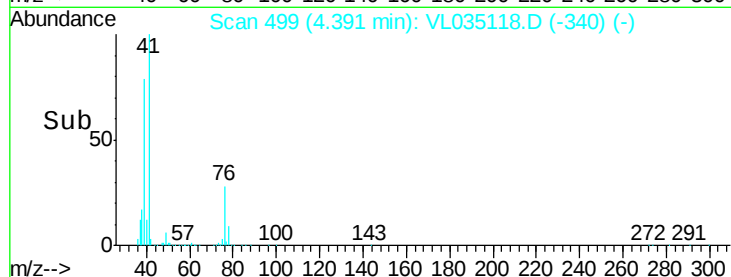
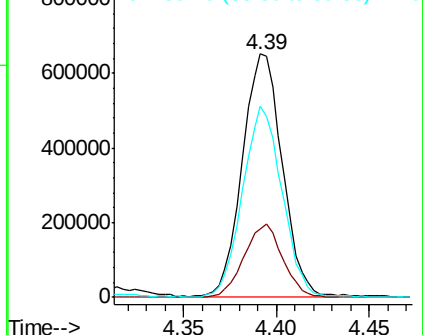
39 77.8 61.6 92.4



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: 10.864 ppbv

RT: 4.87 min Scan# 648

Delta R.T. 0.01 min

Lab File: VL035118.D

Acq: 22 Jun 2020 19:54

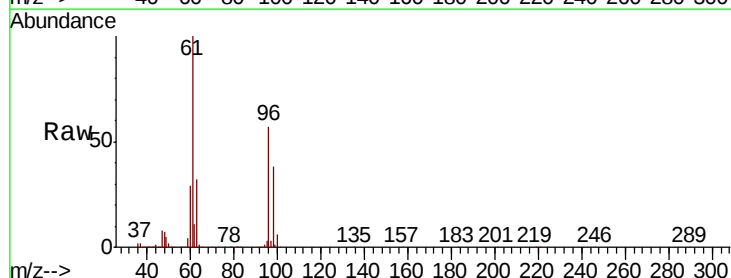
Tgt Ion: 96 Resp: 583691

Ion Ratio Lower Upper

96 100

61 175.4 134.5 201.7

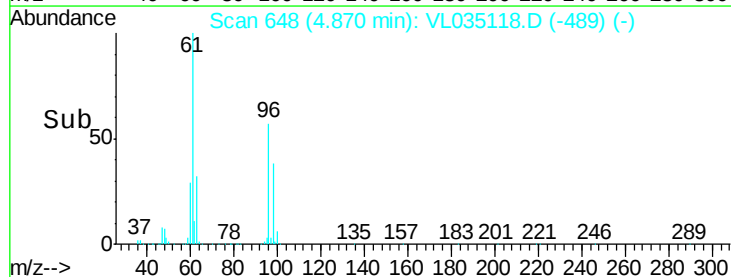
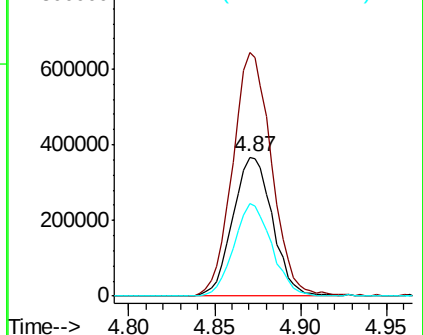
98 66.5 52.6 79.0

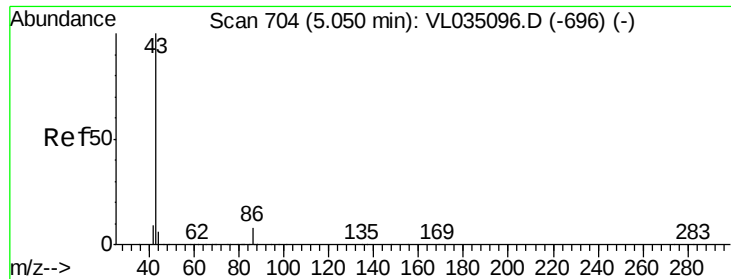


Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0



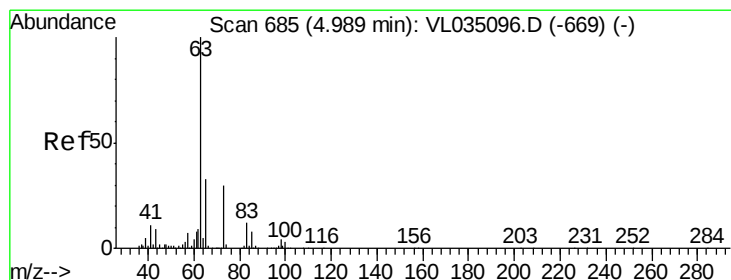
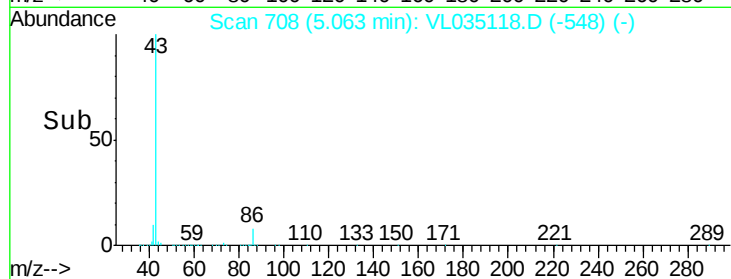
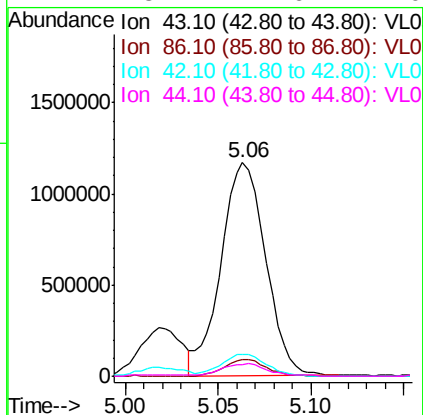
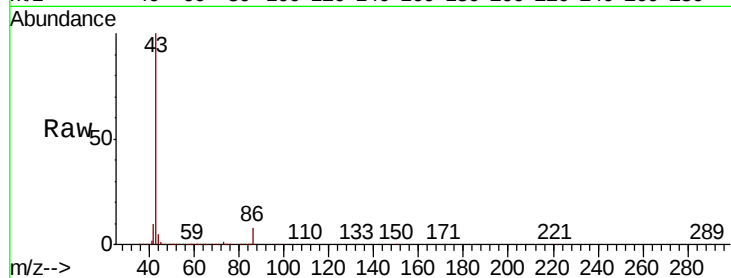


#23
 Vinyl Acetate
 Concen: 10.429 ppbv
 RT: 5.06 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: VL035118.D
 Acq: 22 Jun 2020 19:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0622ABS01

Tot Ion: 43 Resp: 1953604

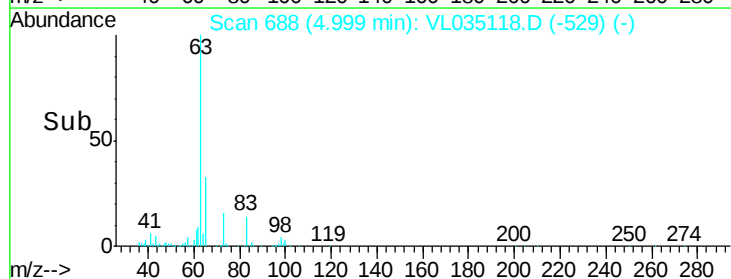
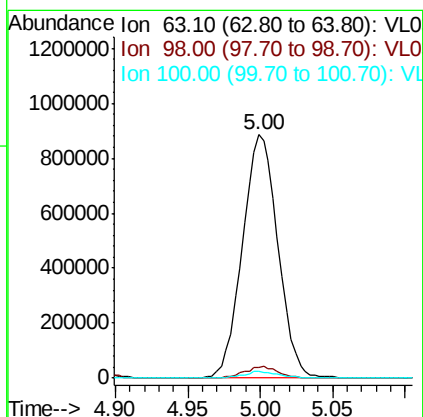
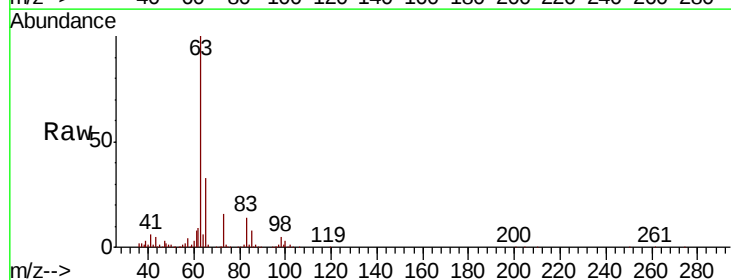
Ion	Ratio	Lower	Upper
43	100		
86	8.0	6.2	9.2
42	10.1	8.1	12.1
44	5.1	4.6	7.0

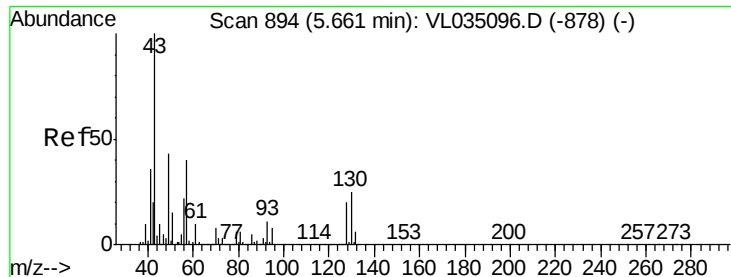


#24
 1,1-Dichloroethane
 Concen: 9.493 ppbv
 RT: 5.00 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: VL035118.D
 Acq: 22 Jun 2020 19:54

Tgt Ion: 63 Resp: 1499293

Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.3	6.9
100	2.8	1.4	4.0



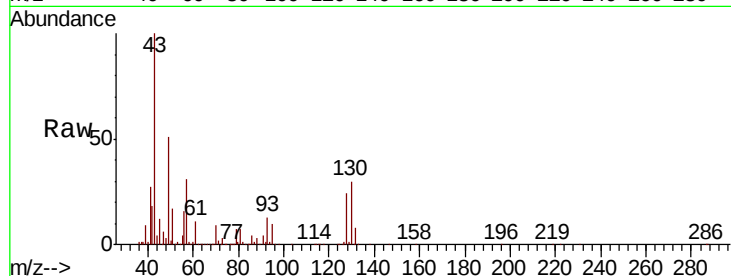


#25
Ethyl Acetate
Concen: 9.347 ppbv
RT: 5.67 min Scan# 897
Delta R.T. 0.01 min
Lab File: VL035118.D
Acq: 22 Jun 2020 19:54

Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01

Tot Ion: 43 Resp: 2603298

Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.4	12.6
61	10.2	8.0	12.0
70	7.6	6.3	9.5



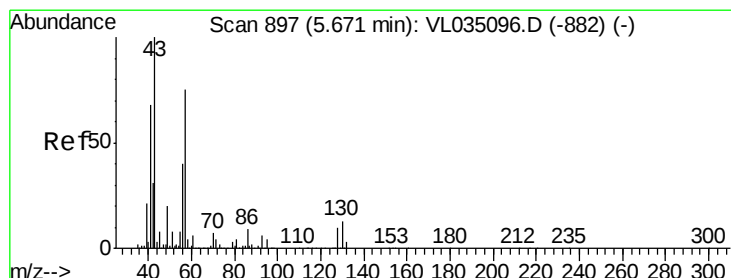
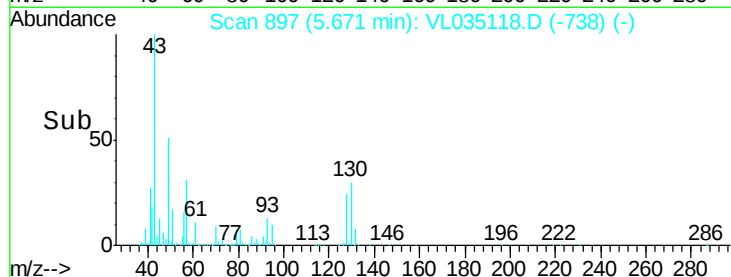
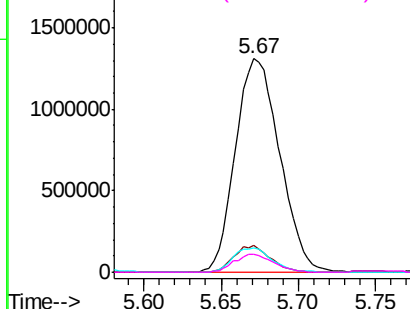
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 9.259 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.01 min
Lab File: VL035118.D
Acq: 22 Jun 2020 19:54

Tgt Ion: 57 Resp: 1162600

Ion	Ratio	Lower	Upper
57	100		
41	91.7	72.9	109.3
43	225.1	181.3	271.9
56	53.1	43.1	64.7

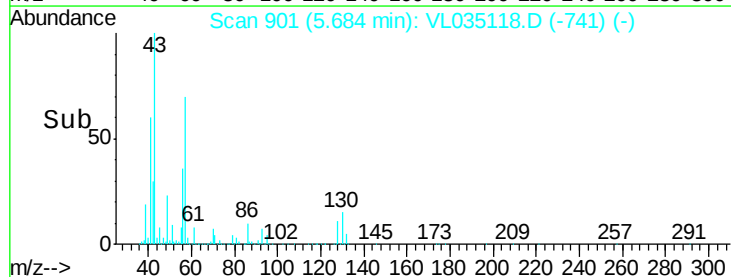
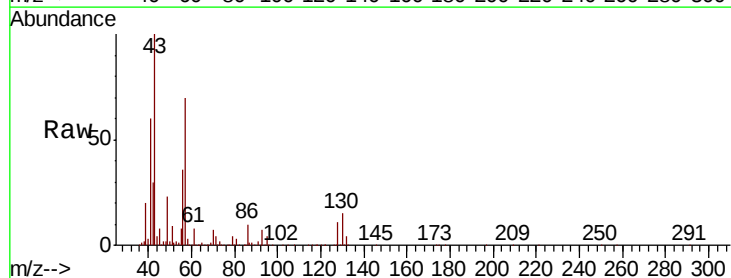
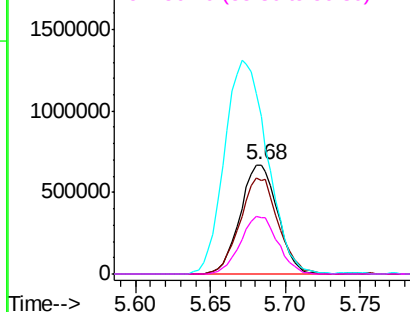
Abundance

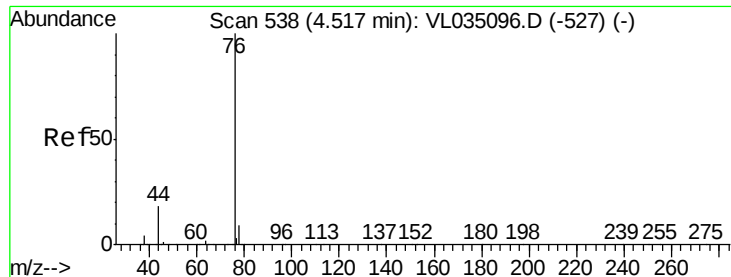
Ion 57.10 (56.80 to 57.80): VL0

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: 12.349 ppbv

RT: 4.53 min Scan# 543

Delta R.T. 0.02 min

Lab File: VL035118.D

Acq: 22 Jun 2020 19:54

Instrument :

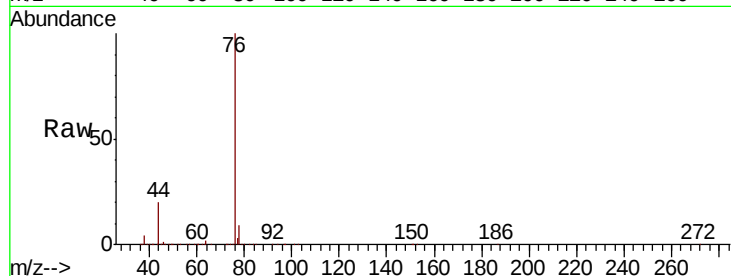
MSVOA_L

ClientSampleId :

VL0622ABS01

Tot Ion: 76 Resp: 1604692

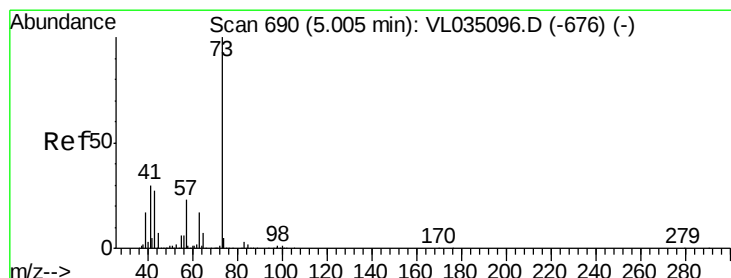
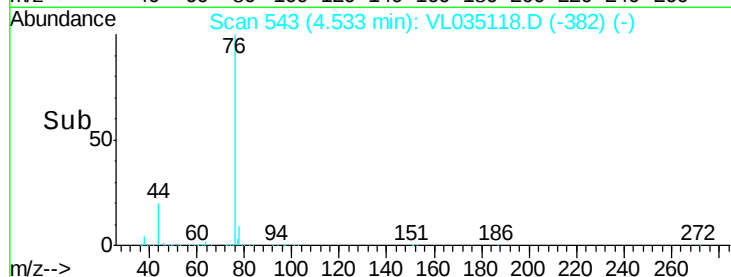
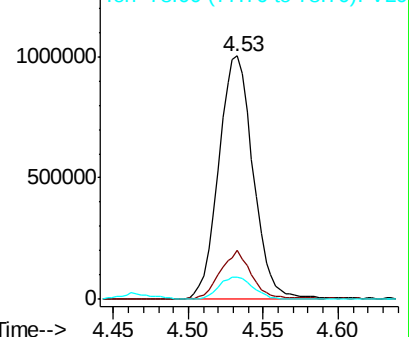
Ion	Ratio	Lower	Upper
76	100		
44	18.2	15.8	23.8
78	9.1	7.6	11.4



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 10.044 ppbv

RT: 5.02 min Scan# 695

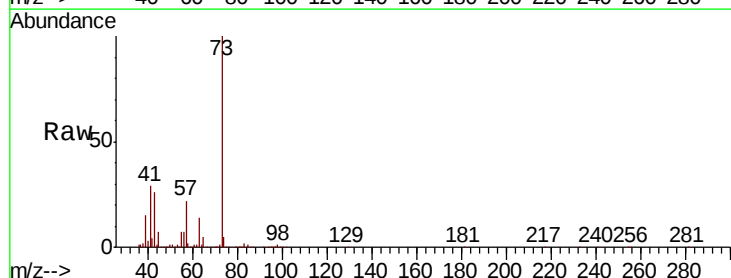
Delta R.T. 0.02 min

Lab File: VL035118.D

Acq: 22 Jun 2020 19:54

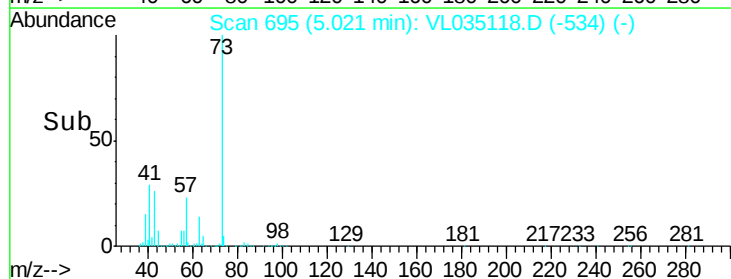
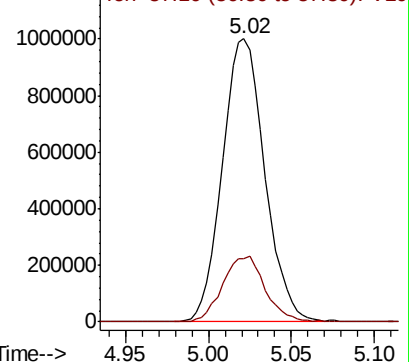
Tgt Ion: 73 Resp: 1772021

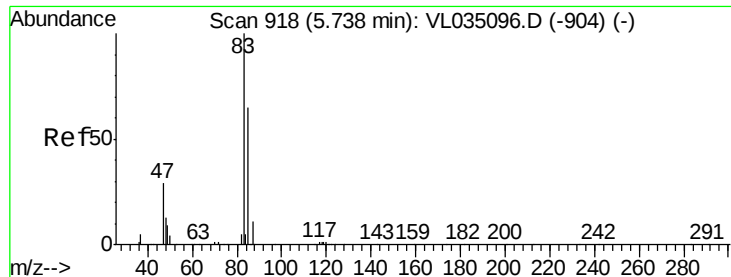
Ion	Ratio	Lower	Upper
73	100		
57	23.3	18.5	27.7



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#29

Chloroform

Concen: 9.402 ppbv

RT: 5.75 min Scan# 923

Delta R.T. 0.02 min

Lab File: VL035118.D

Acq: 22 Jun 2020 19:54

Instrument :

MSVOA_L

ClientSampleId :

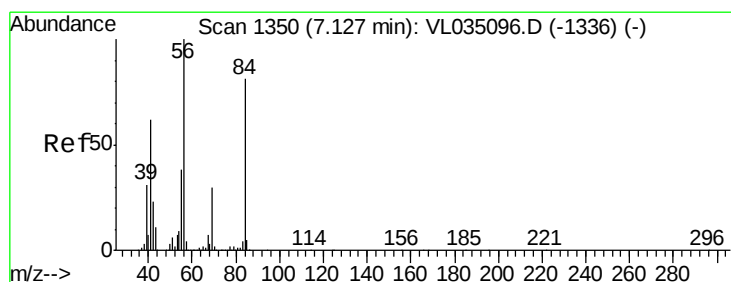
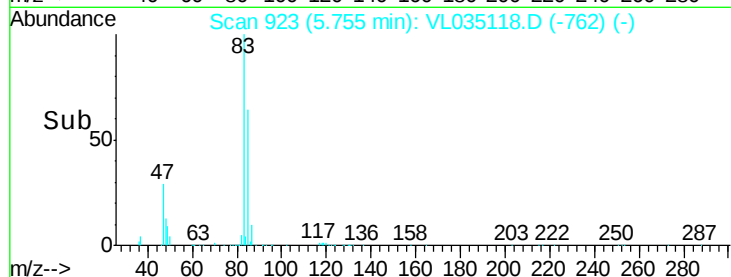
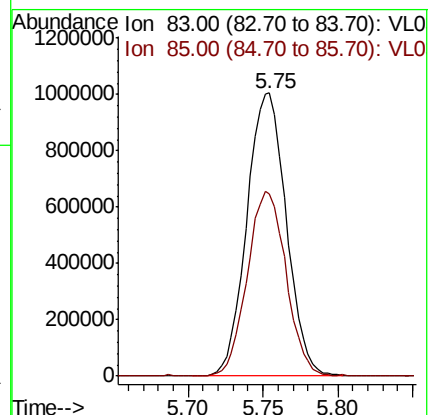
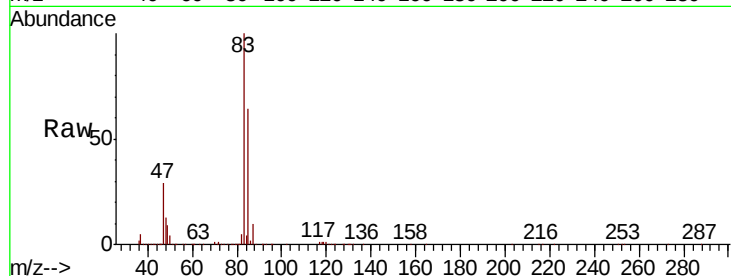
VL0622ABS01

Tot Ion: 83 Resp: 1847558

Ion Ratio Lower Upper

83 100

85 64.1 52.1 78.1



#30

Cyclohexane

Concen: 10.747 ppbv

RT: 7.14 min Scan# 1354

Delta R.T. 0.01 min

Lab File: VL035118.D

Acq: 22 Jun 2020 19:54

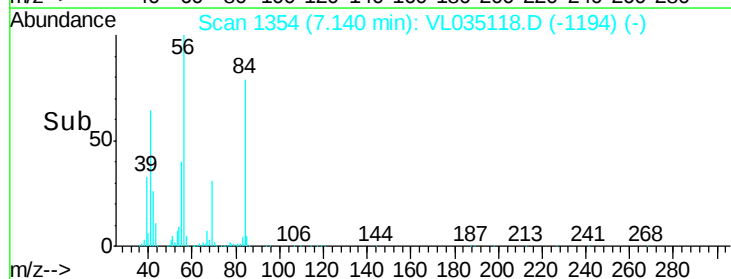
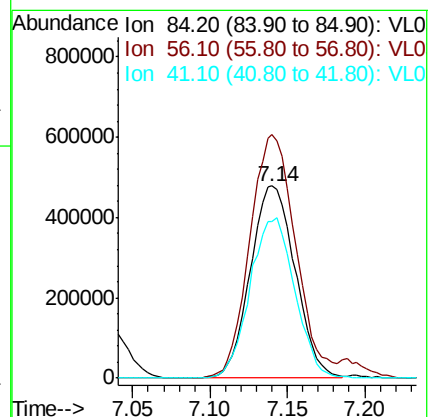
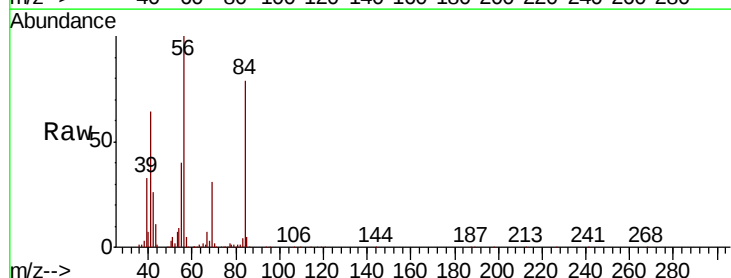
Tgt Ion: 84 Resp: 968568

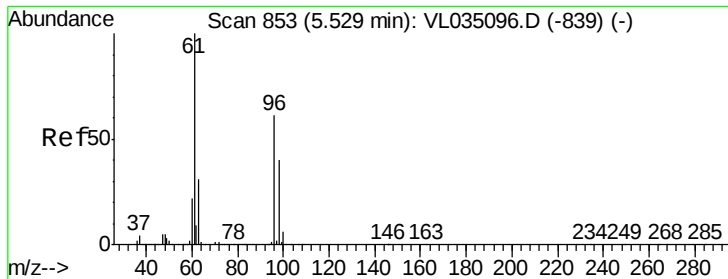
Ion Ratio Lower Upper

84 100

56 135.2 108.0 162.0

41 83.0 65.6 98.4



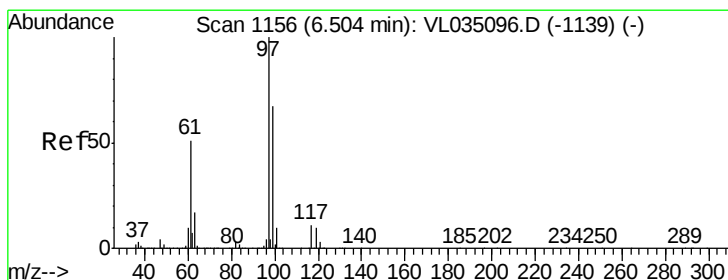
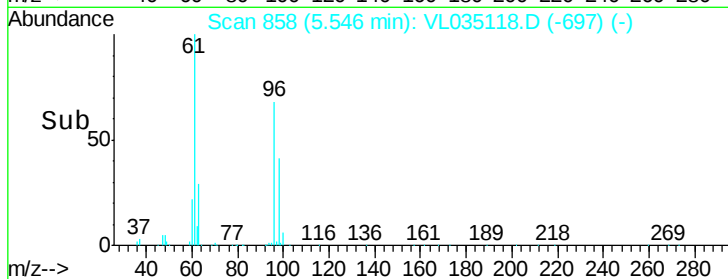
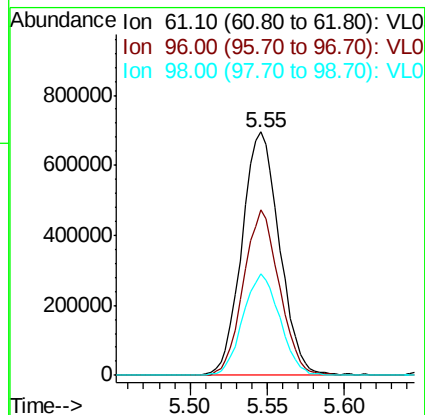
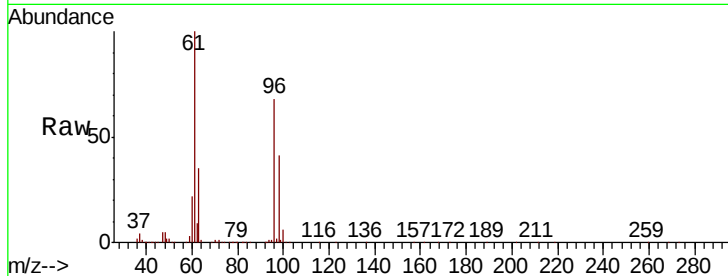


#31

cis-1,2-Dichloroethene
 Concen: 10.129 ppbv
 RT: 5.55 min Scan# 858
 Delta R.T. 0.02 min
 Lab File: VL035118.D
 Acq: 22 Jun 2020 19:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0622ABS01

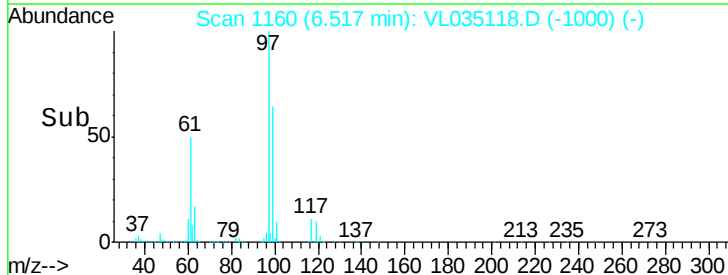
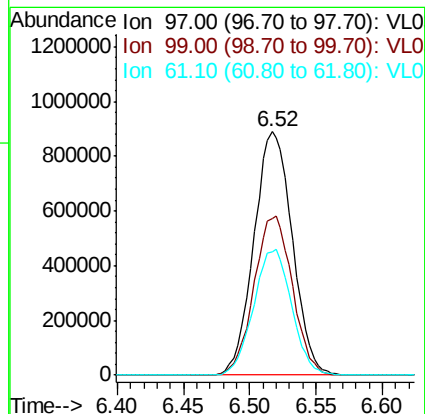
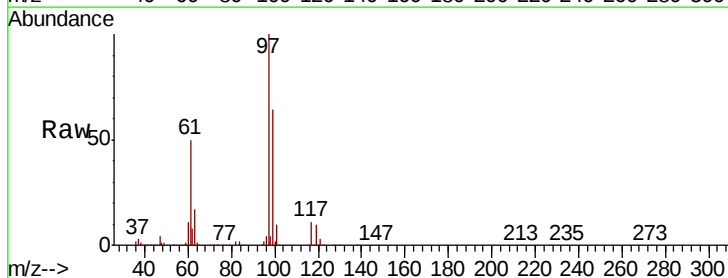
Tot Ion: 61 Resp: 1172493
 Ion Ratio Lower Upper
 61 100
 96 67.9 48.8 73.2
 98 41.5 31.9 47.9

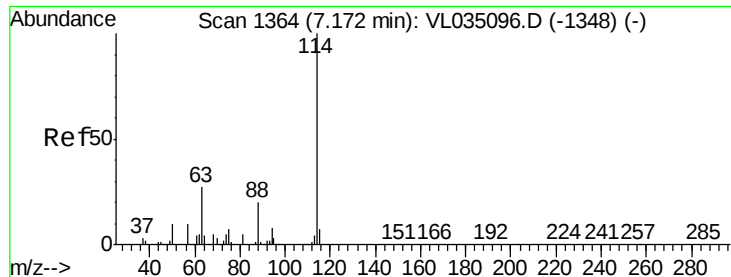


#32

1,1,1-Trichloroethane
 Concen: 9.887 ppbv
 RT: 6.52 min Scan# 1160
 Delta R.T. 0.01 min
 Lab File: VL035118.D
 Acq: 22 Jun 2020 19:54

Tgt Ion: 97 Resp: 1801977
 Ion Ratio Lower Upper
 97 100
 99 65.3 52.0 78.0
 61 51.4 41.0 61.6

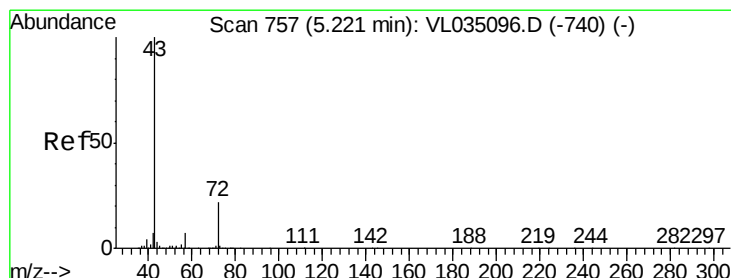
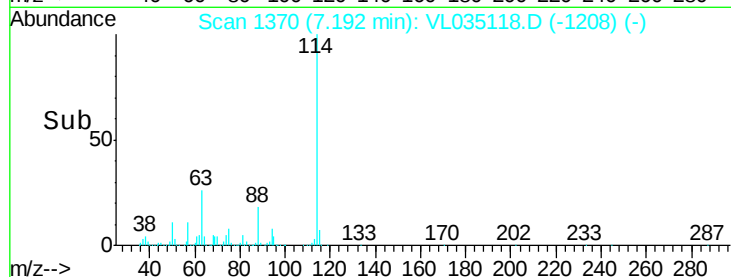
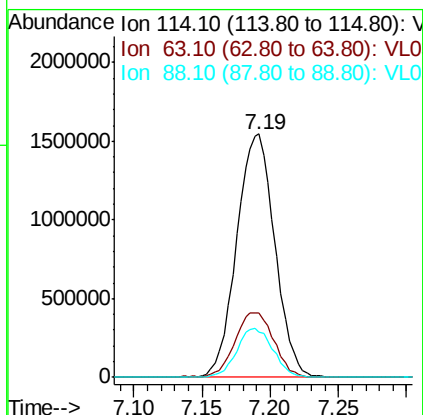
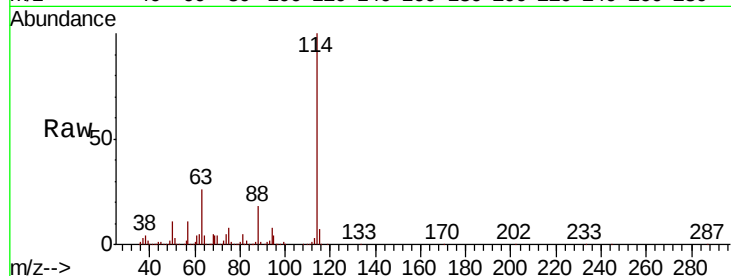




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1370
 Delta R.T. 0.02 min
 Lab File: VL035118.D
 Acq: 22 Jun 2020 19:54

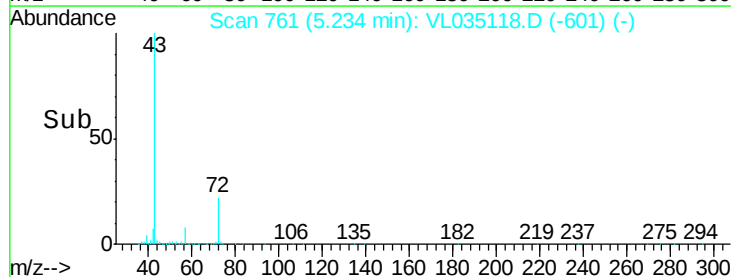
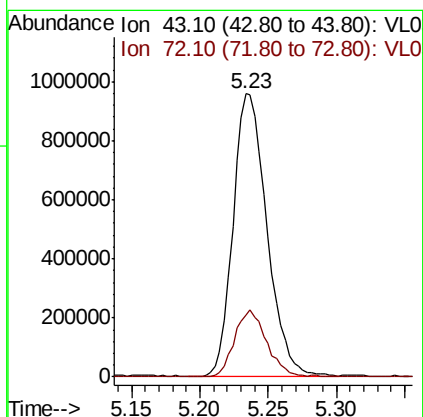
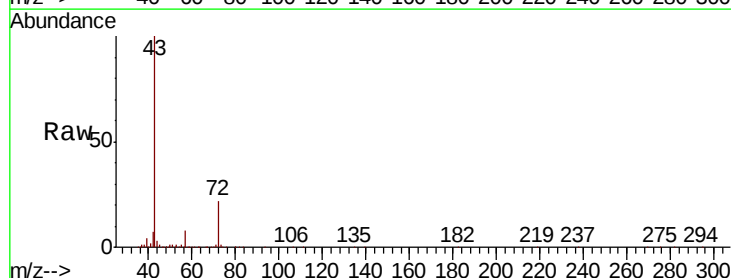
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0622ABS01

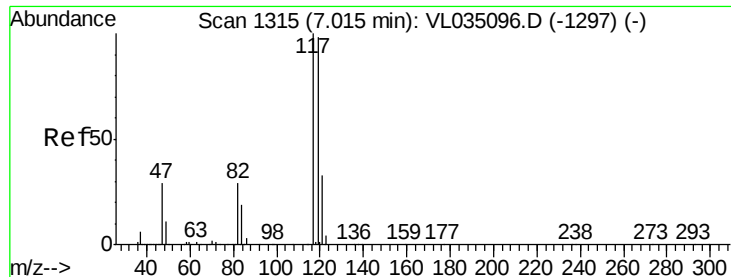
Tot Ion:114 Resp: 2985344
 Ion Ratio Lower Upper
 114 100
 63 27.7 21.9 32.9
 88 19.4 15.6 23.4



#34
 2-Butanone
 Concen: 9.626 ppbv
 RT: 5.23 min Scan# 761
 Delta R.T. 0.01 min
 Lab File: VL035118.D
 Acq: 22 Jun 2020 19:54

Tgt Ion: 43 Resp: 1650242
 Ion Ratio Lower Upper
 43 100
 72 22.8 18.3 27.5





#35

Carbon Tetrachloride

Concen: 10.357 ppbv

RT: 7.03 min Scan# 1319

Delta R.T. 0.01 min

Lab File: VL035118.D

Acq: 22 Jun 2020 19:54

Instrument :

MSVOA_L

ClientSampleId :

VL0622ABS01

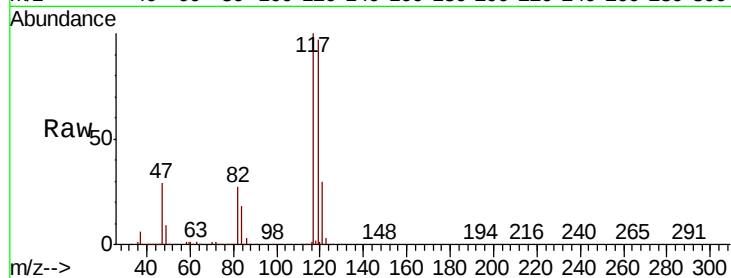
Tot Ion:117 Resp: 1854429

Ion Ratio Lower Upper

117 100

119 96.8 78.3 117.5

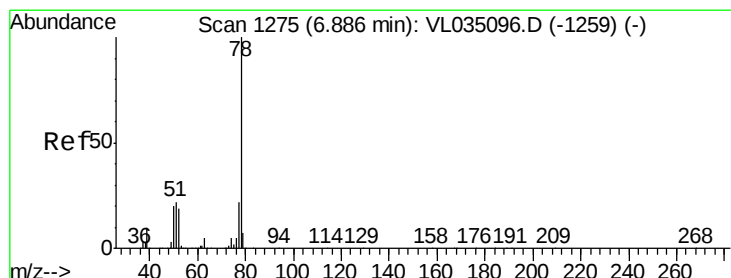
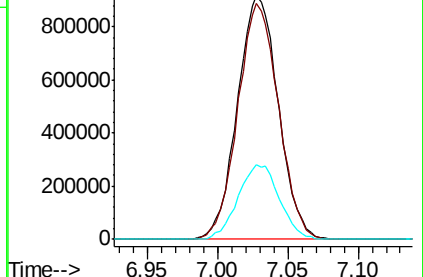
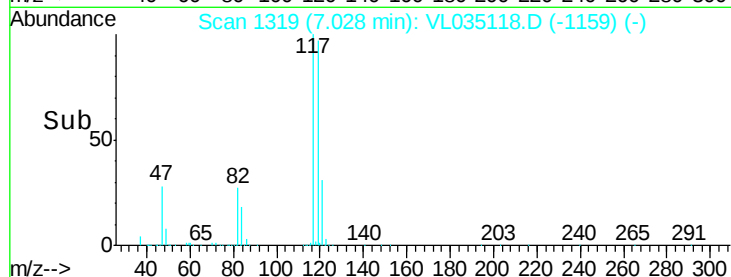
121 30.4 26.0 39.0



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: 9.827 ppbv

RT: 6.90 min Scan# 1280

Delta R.T. 0.02 min

Lab File: VL035118.D

Acq: 22 Jun 2020 19:54

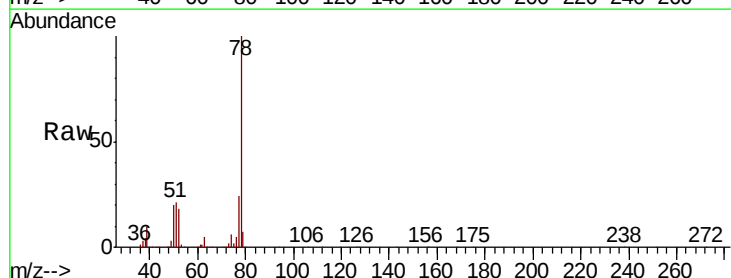
Tgt Ion: 78 Resp: 2271707

Ion Ratio Lower Upper

78 100

77 23.7 17.8 26.6

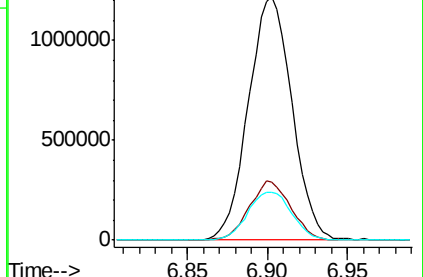
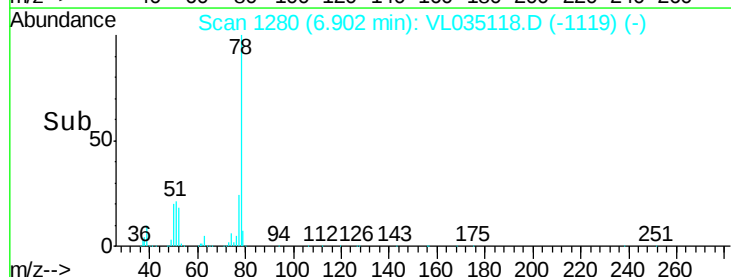
50 19.7 16.2 24.2

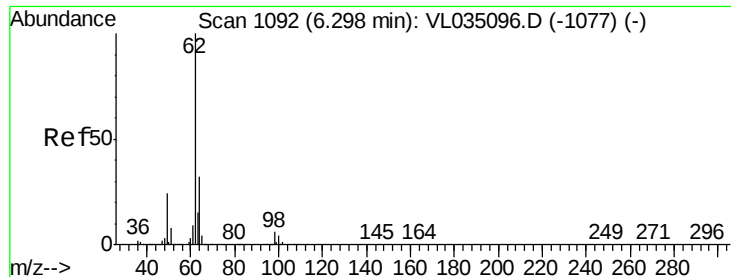


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





#37

1,2-Dichloroethane

Concen: 9.723 ppbv

RT: 6.31 min Scan# 1097

Delta R.T. 0.02 min

Lab File: VL035118.D

Acq: 22 Jun 2020 19:54

Instrument :

MSVOA_L

ClientSampleId :

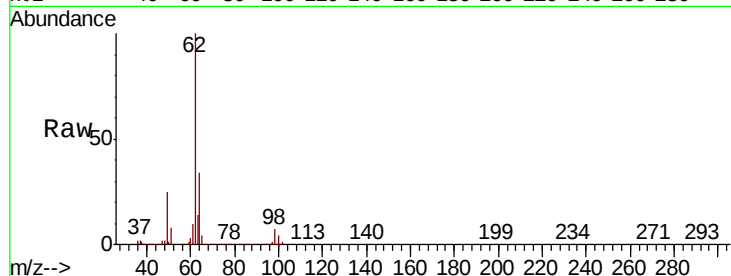
VL0622ABS01

Tot Ion: 62 Resp: 1420484

Ion Ratio Lower Upper

62 100

98 5.8 4.8 7.2



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

6.31

800000

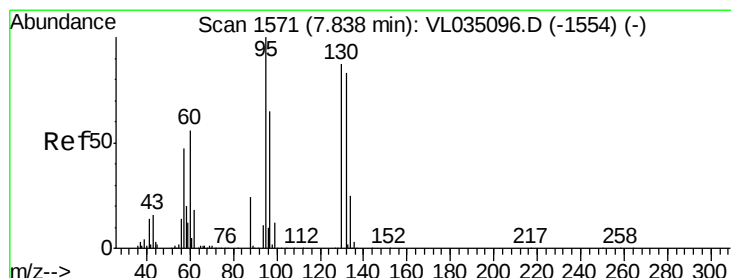
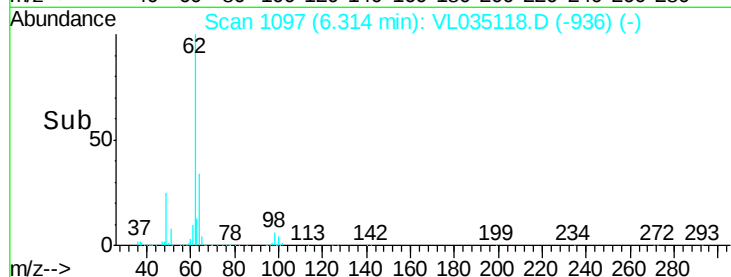
600000

400000

200000

0

Time-->



#38

Trichloroethene

Concen: 10.059 ppbv

RT: 7.85 min Scan# 1576

Delta R.T. 0.02 min

Lab File: VL035118.D

Acq: 22 Jun 2020 19:54

Tgt Ion:130 Resp: 903156

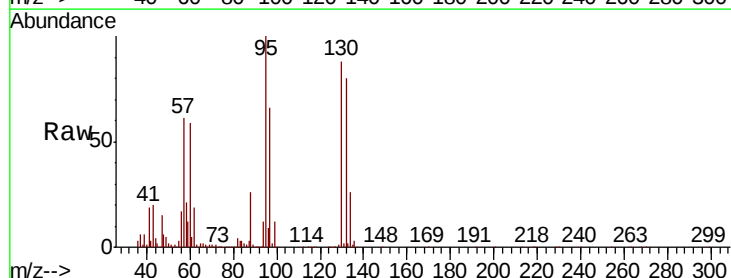
Ion Ratio Lower Upper

130 100

95 113.3 91.4 137.2

132 90.8 75.8 113.6

97 75.1 59.8 89.8



Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0

800000

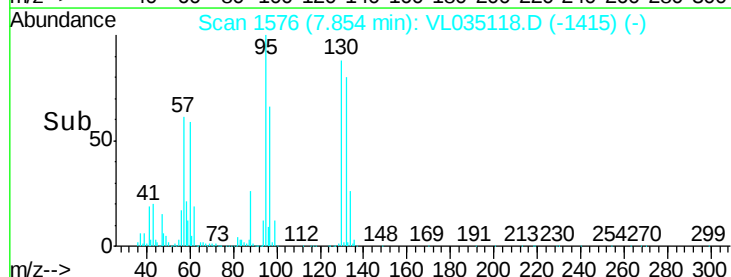
600000

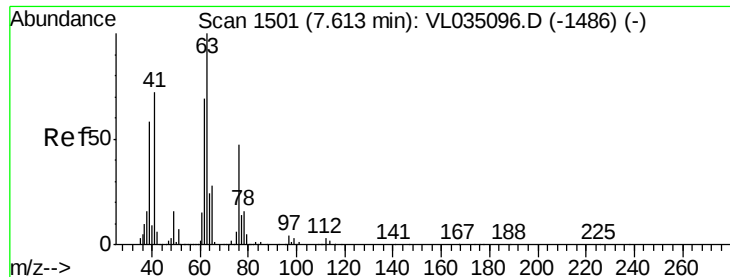
400000

200000

0

Time-->





#39

1,2-Dichloropropane

Concen: 10.027 ppbv

RT: 7.63 min Scan# 1506

Delta R.T. 0.02 min

Lab File: VL035118.D

Acq: 22 Jun 2020 19:54

Instrument :

MSVOA_L

ClientSampleId :

VL0622ABS01

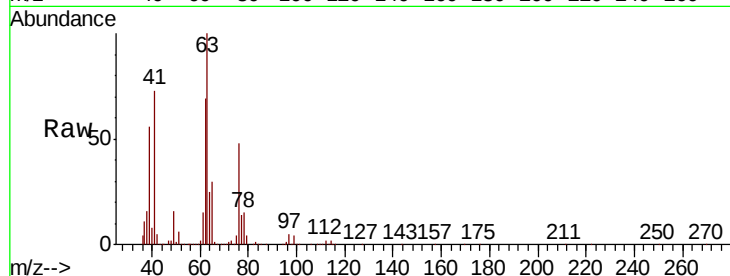
Tot Ion: 63 Resp: 906547

Ion Ratio Lower Upper

63 100

41 72.5 58.0 87.0

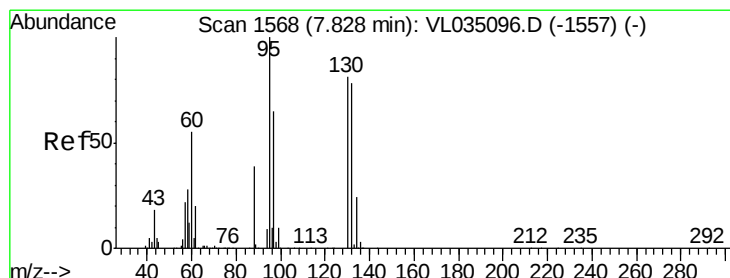
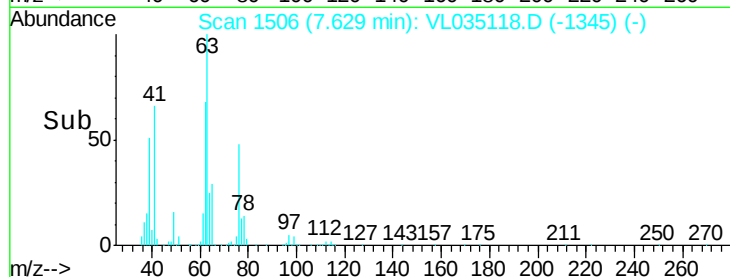
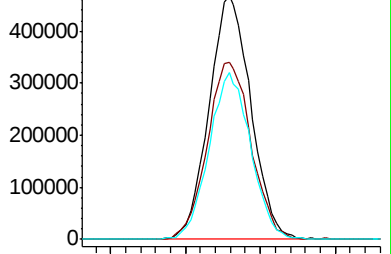
62 68.6 55.4 83.0



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: 4.793 ppbv

RT: 7.85 min Scan# 1575

Delta R.T. 0.02 min

Lab File: VL035118.D

Acq: 22 Jun 2020 19:54

Tgt Ion: 88 Resp: 170923

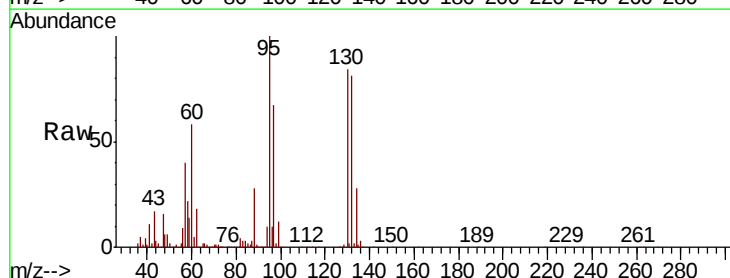
Ion Ratio Lower Upper

88 100

58 0.0 110.2 165.4#

43 0.0 0.0 0.0

57 0.0 0.0 0.0

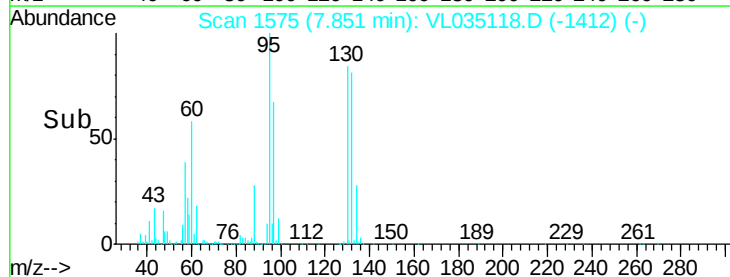
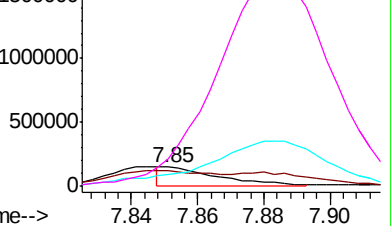


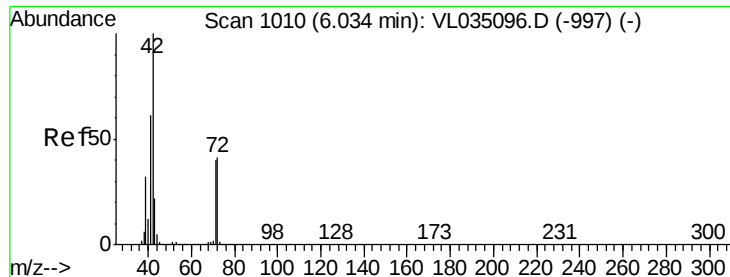
Abundance Ion 88.10 (87.80 to 88.80): VL0

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: 10.570 ppbv

RT: 6.04 min Scan# 1013

Delta R.T. 0.01 min

Lab File: VL035118.D

Acq: 22 Jun 2020 19:54

Instrument :

MSVOA_L

ClientSampleId :

VL0622ABS01

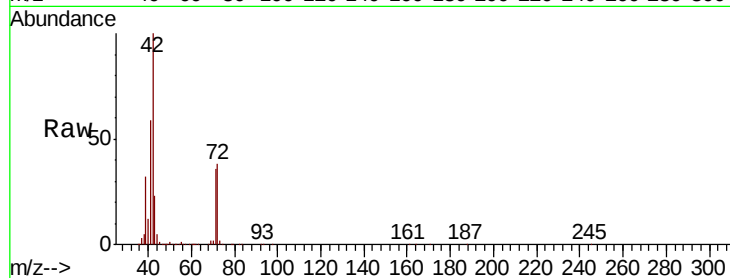
Tot Ion: 42 Resp: 925571

Ion Ratio Lower Upper

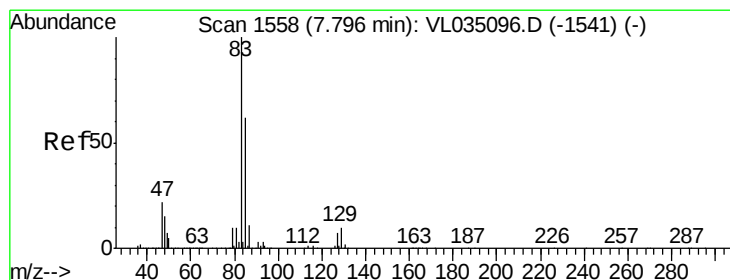
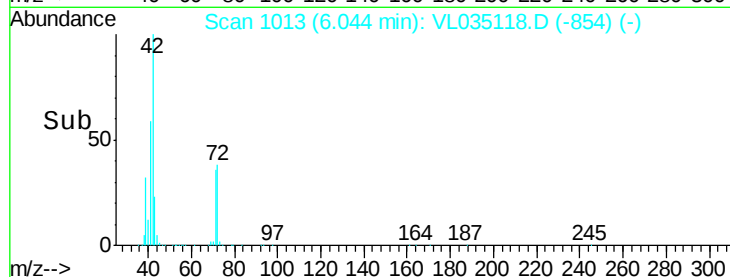
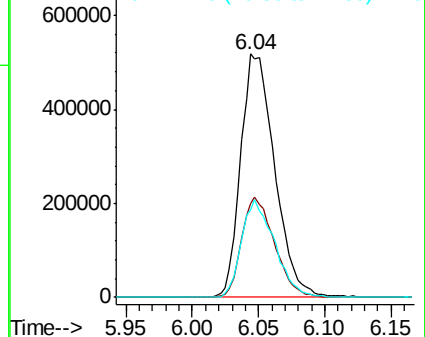
42 100

72 39.9 33.4 50.2

71 39.0 31.8 47.6



Abundance Ion 42.10 (41.80 to 42.80): VL0
Ion 72.10 (71.80 to 72.80): VL0
Ion 71.10 (70.80 to 71.80): VL0



#42

Bromodichloromethane

Concen: 10.377 ppbv

RT: 7.81 min Scan# 1562

Delta R.T. 0.01 min

Lab File: VL035118.D

Acq: 22 Jun 2020 19:54

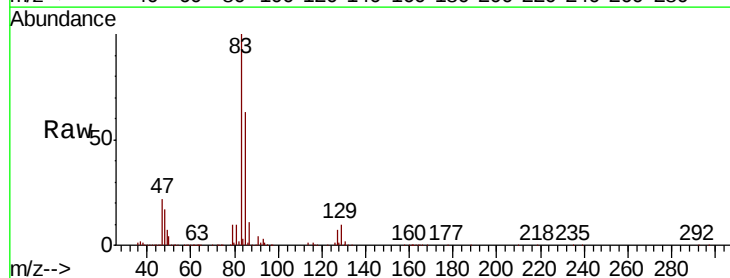
Tgt Ion: 83 Resp: 1963463

Ion Ratio Lower Upper

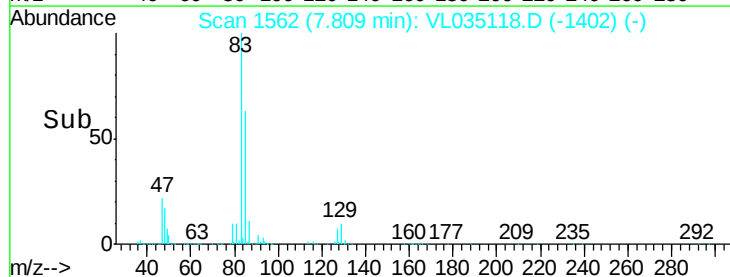
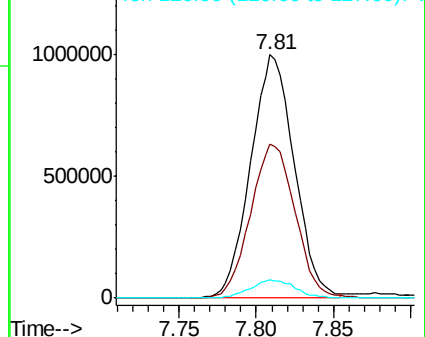
83 100

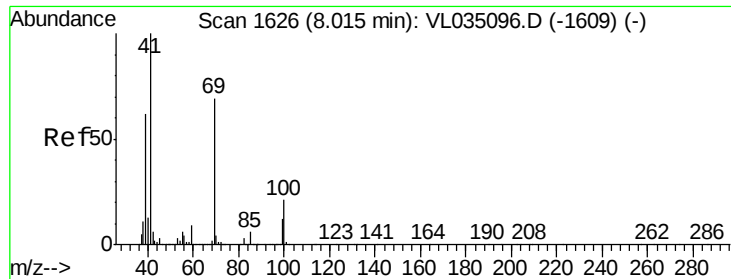
85 63.4 49.4 74.0

127 7.3 5.9 8.9



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0
Ion 126.90 (126.60 to 127.60): V

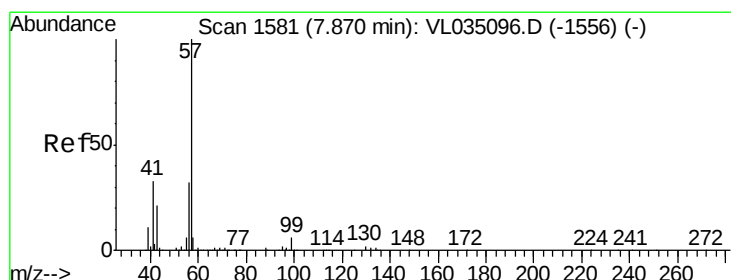
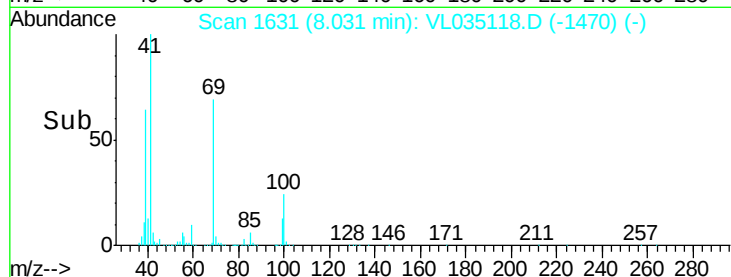
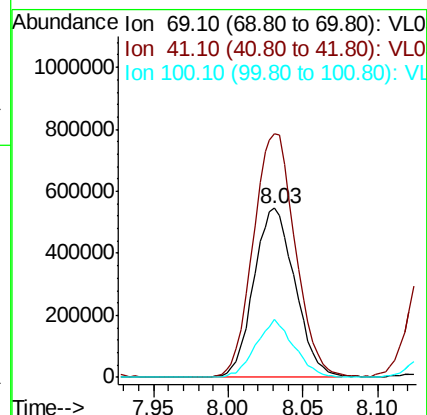
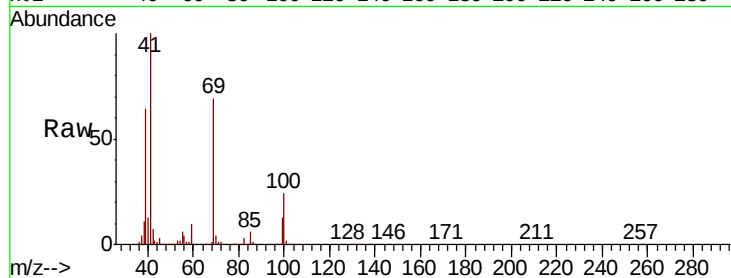




#43
Methvl Methacrilate
Concen: 10.672 ppbv
RT: 8.03 min Scan# 1631
Delta R.T. 0.02 min
Lab File: VL035118.D
Acq: 22 Jun 2020 19:54

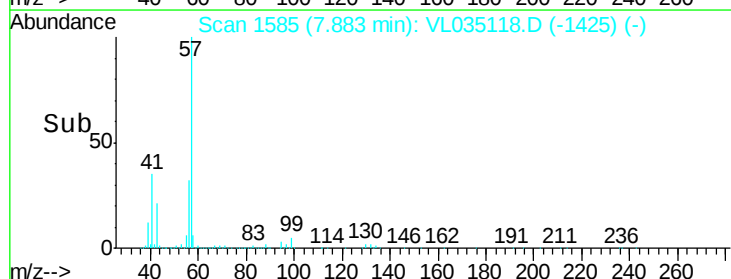
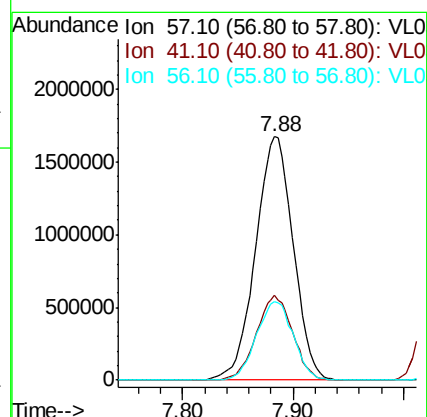
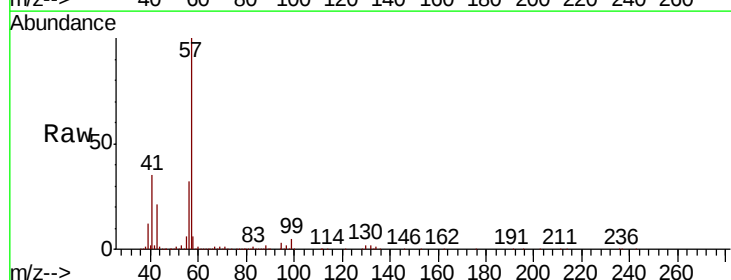
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01

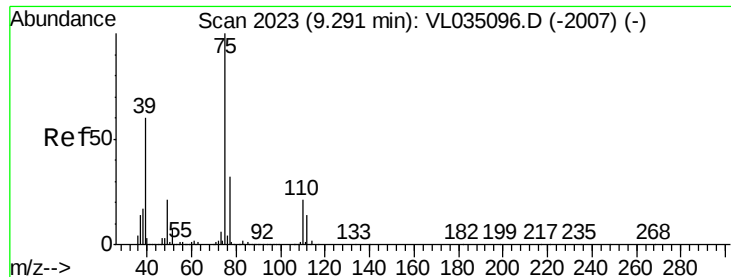
Tot Ion: 69 Resp: 1044216
Ion Ratio Lower Upper
69 100
41 147.2 116.4 174.6
100 31.5 25.3 37.9



#44
2,2,4-Trimethylpentane
Concen: 9.809 ppbv
RT: 7.88 min Scan# 1585
Delta R.T. 0.01 min
Lab File: VL035118.D
Acq: 22 Jun 2020 19:54

Tgt Ion: 57 Resp: 3957533
Ion Ratio Lower Upper
57 100
41 33.5 26.2 39.2
56 31.7 25.4 38.2





#45

t-1,3-Dichloropropene

Concen: 12.664 ppbv

RT: 9.31 min Scan# 2028

Delta R.T. 0.02 min

Lab File: VL035118.D

Acq: 22 Jun 2020 19:54

Instrument :

MSVOA_L

ClientSampleId :

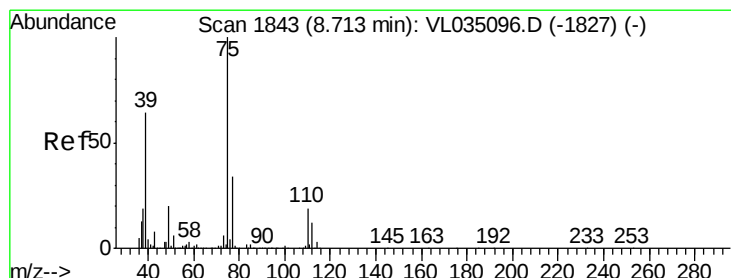
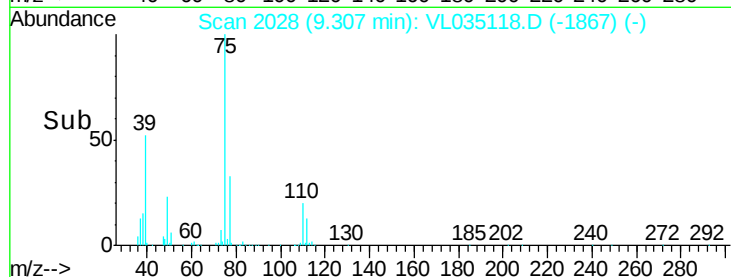
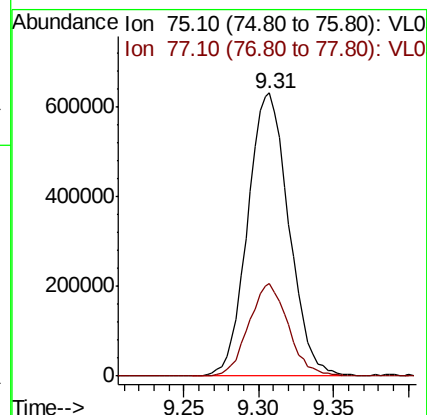
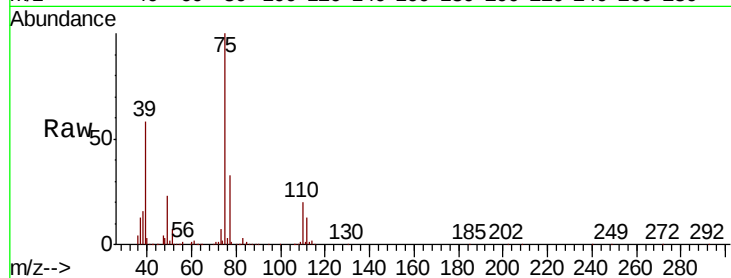
VL0622ABS01

Tot Ion: 75 Resp: 1205985

Ion Ratio Lower Upper

75 100

77 32.7 25.5 38.3



#46

cis-1,3-Dichloropropene

Concen: 11.925 ppbv

RT: 8.73 min Scan# 1847

Delta R.T. 0.01 min

Lab File: VL035118.D

Acq: 22 Jun 2020 19:54

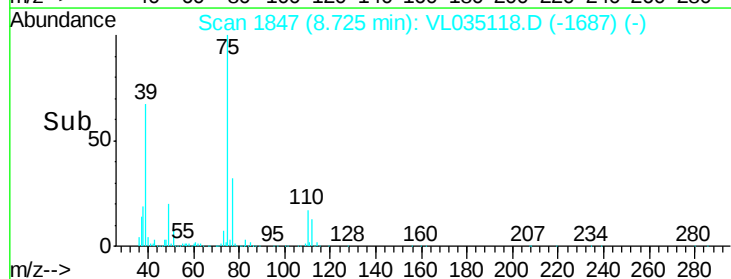
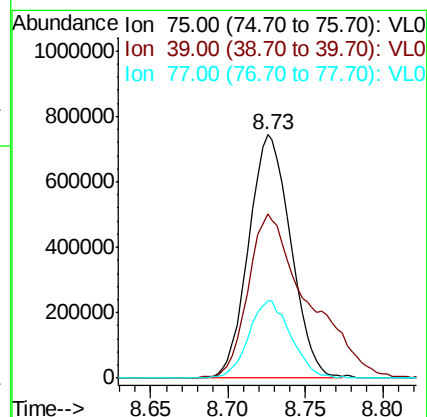
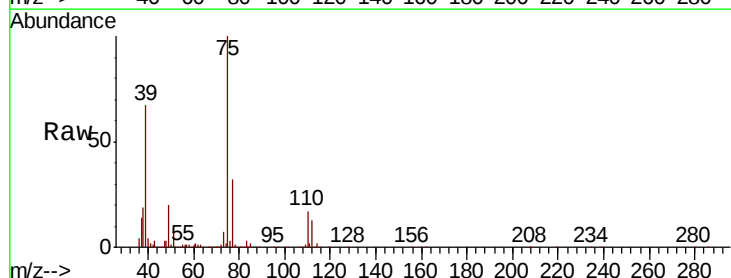
Tgt Ion: 75 Resp: 1410760

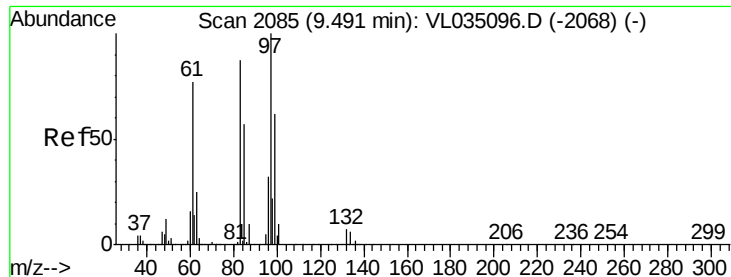
Ion Ratio Lower Upper

75 100

39 67.0 51.1 76.7

77 31.7 26.9 40.3

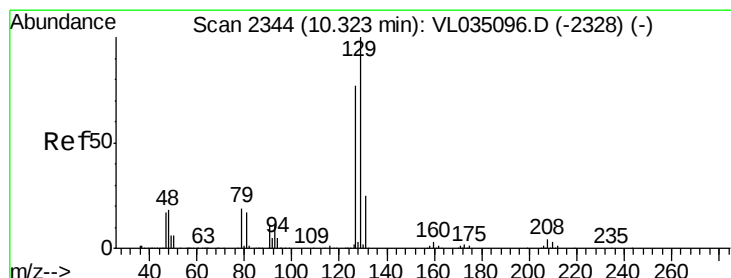
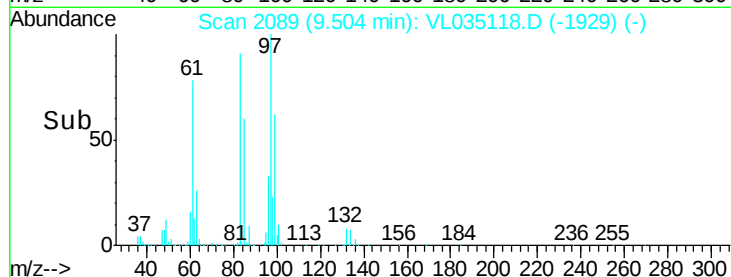
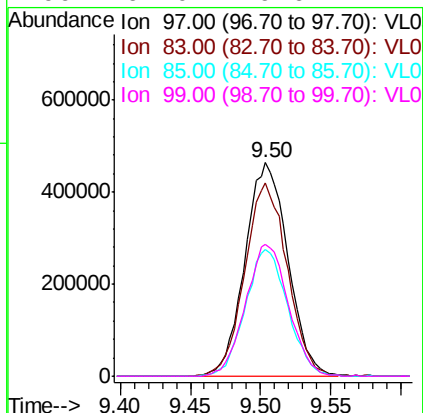
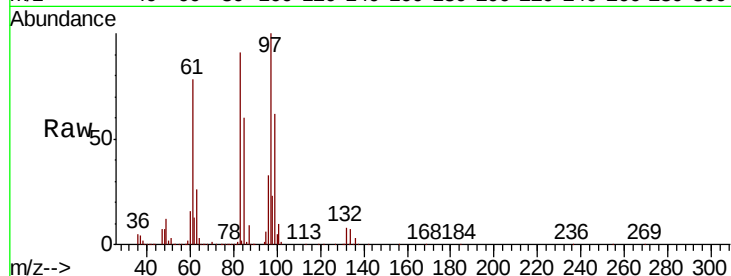




#47
 1,1,2-Trichloroethane
 Concen: 9.996 ppbv
 RT: 9.50 min Scan# 2089
 Delta R.T. 0.01 min
 Lab File: VL035118.D
 Acq: 22 Jun 2020 19:54

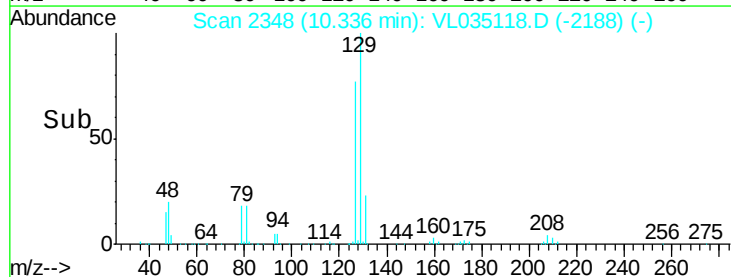
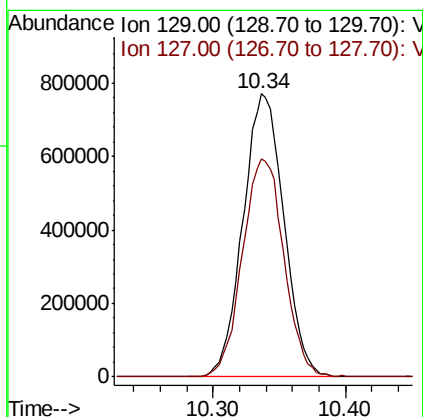
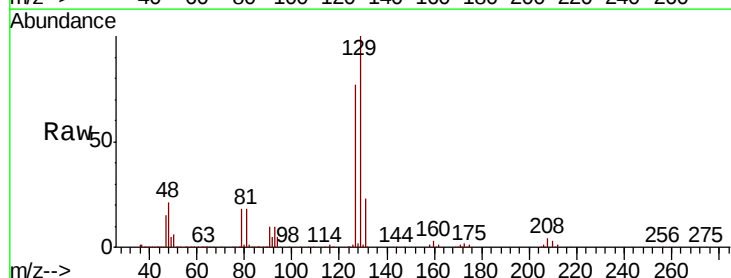
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0622ABS01

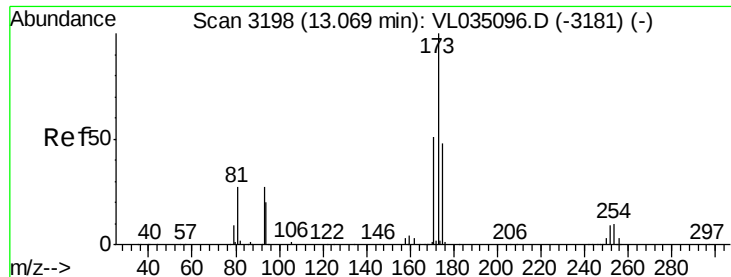
Tot Ion	Ratio	Lower	Upper
97	100		
83	90.5	69.5	104.3
85	59.6	46.0	69.0
99	62.0	49.6	74.4



#48
 Dibromochloromethane
 Concen: 11.235 ppbv
 RT: 10.34 min Scan# 2348
 Delta R.T. 0.01 min
 Lab File: VL035118.D
 Acq: 22 Jun 2020 19:54

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.3	39.3	117.8





#49

Bromoform

Concen: 11.566 ppbv

RT: 13.09 min Scan# 3203

Delta R.T. 0.02 min

Lab File: VL035118.D

Acq: 22 Jun 2020 19:54

Instrument :

MSVOA_L

ClientSampleId :

VL0622ABS01

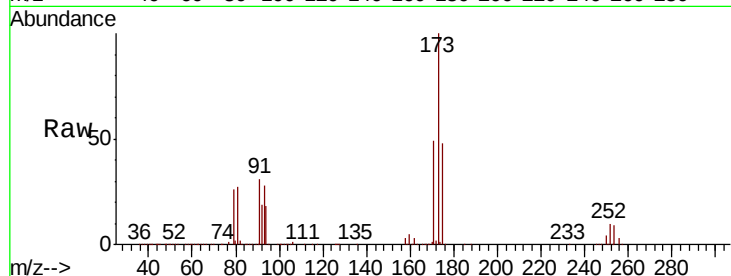
Tot Ion:173 Resp: 1445432

Ion Ratio Lower Upper

173 100

175 49.3 39.1 58.7

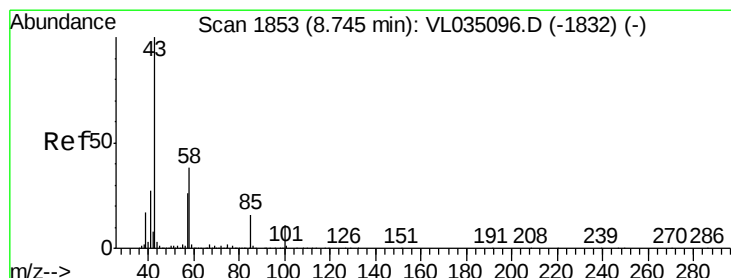
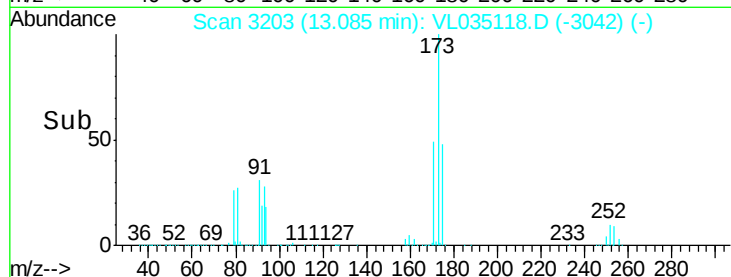
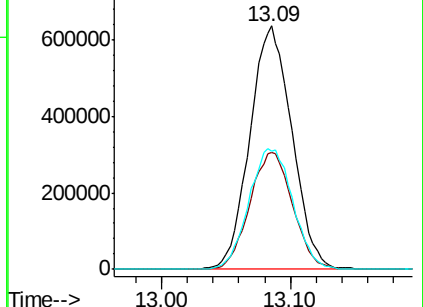
171 51.9 41.7 62.5



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: 10.286 ppbv

RT: 8.76 min Scan# 1858

Delta R.T. 0.02 min

Lab File: VL035118.D

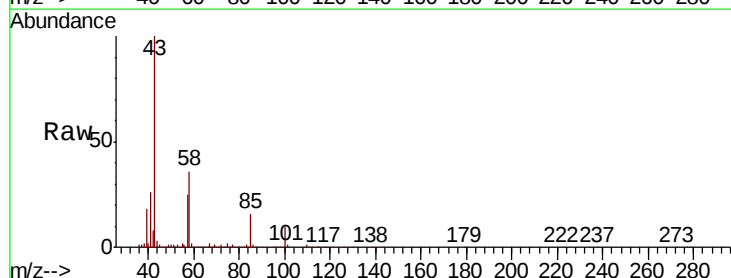
Acq: 22 Jun 2020 19:54

Tgt Ion: 43 Resp: 2505542

Ion Ratio Lower Upper

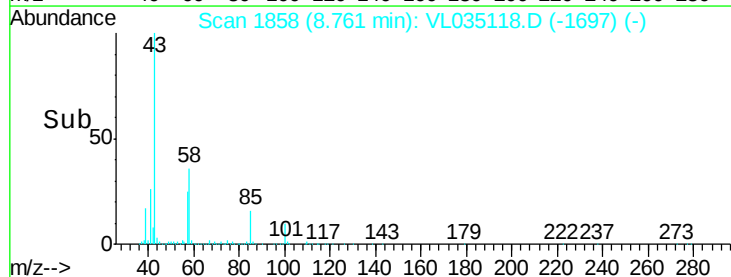
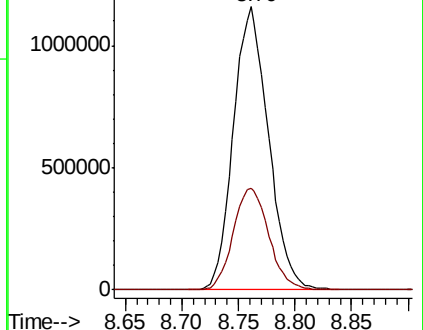
43 100

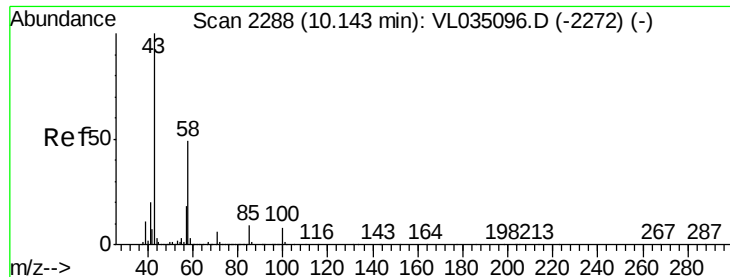
58 36.6 29.4 44.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

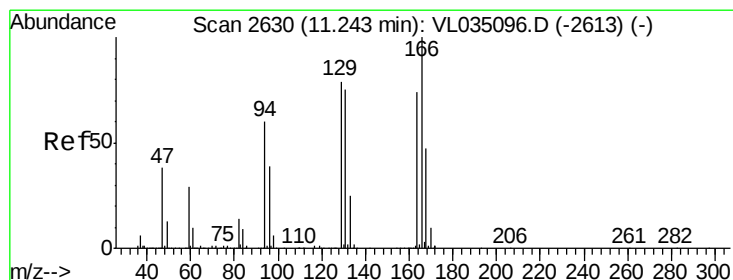
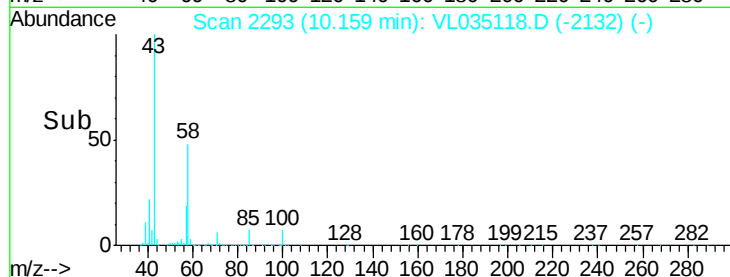
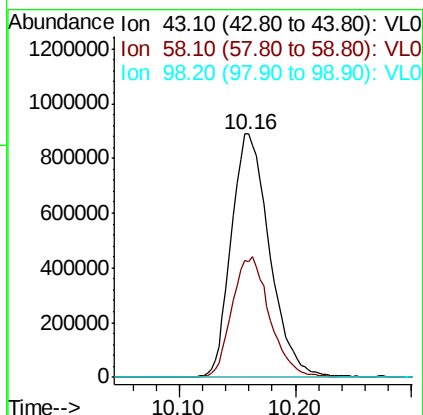
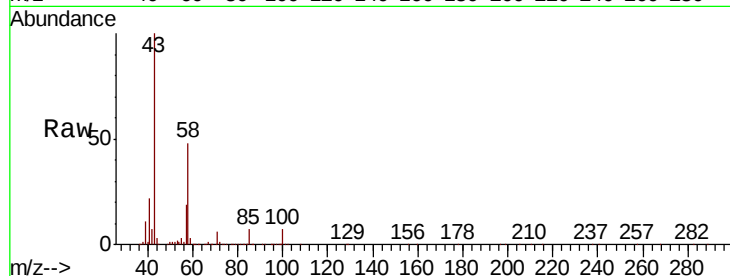




#51
2-Hexanone
Concen: 10.691 ppbv
RT: 10.16 min Scan# 2293
Delta R.T. 0.02 min
Lab File: VL035118.D
Acq: 22 Jun 2020 19:54

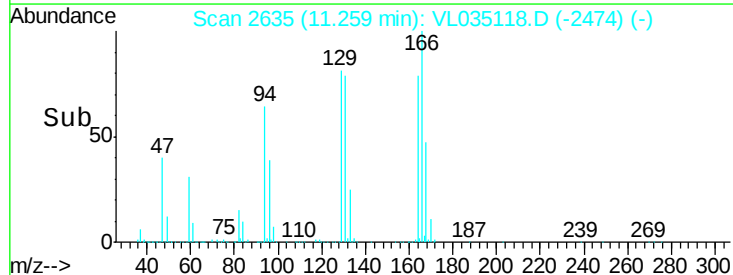
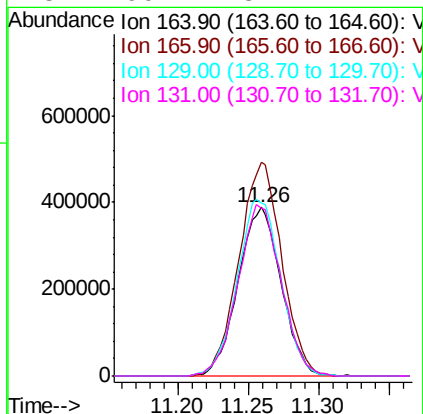
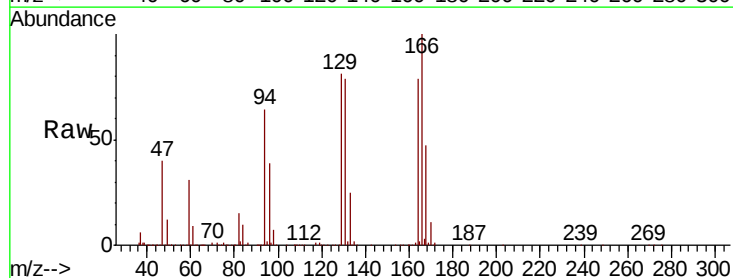
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01

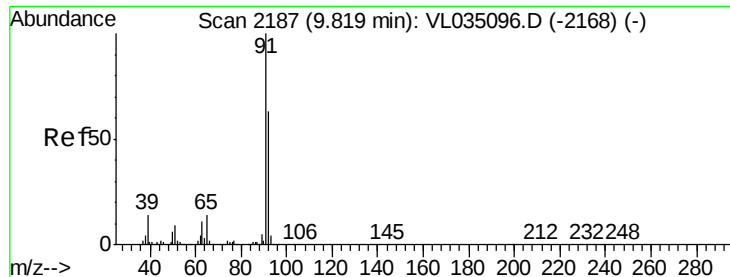
Tot Ion: 43 Resp: 2039331
Ion Ratio Lower Upper
43 100
58 48.8 39.2 58.8
98 0.3 0.3 0.5#



#52
Tetrachloroethene
Concen: 10.116 ppbv
RT: 11.26 min Scan# 2635
Delta R.T. 0.02 min
Lab File: VL035118.D
Acq: 22 Jun 2020 19:54

Tgt Ion: 164 Resp: 824001
Ion Ratio Lower Upper
164 100
166 126.7 107.5 161.3
129 102.4 84.9 127.3
131 99.7 81.1 121.7





#53

Toluene

Concen: 10.877 ppbv

RT: 9.83 min Scan# 2192

Delta R.T. 0.02 min

Lab File: VL035118.D

Acq: 22 Jun 2020 19:54

Instrument :

MSVOA_L

ClientSampleId :

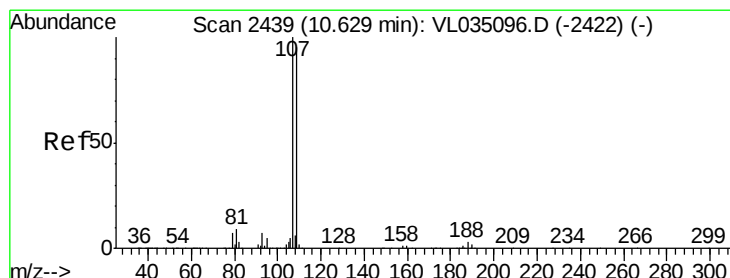
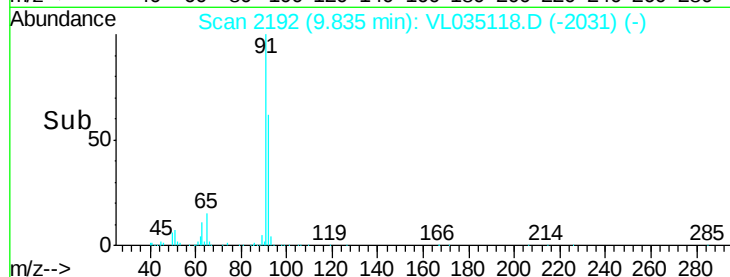
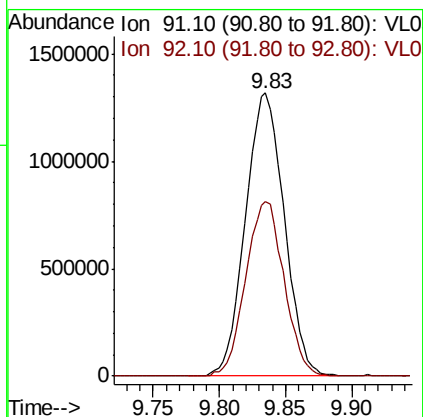
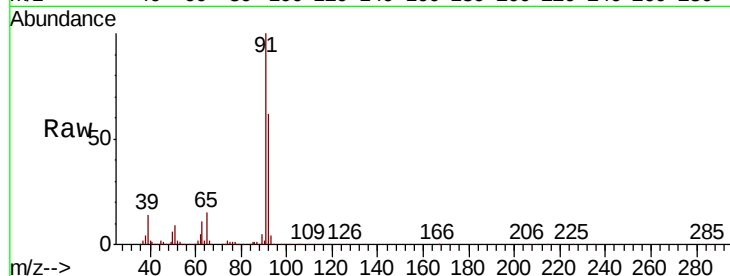
VL0622ABS01

Tot Ion: 91 Resp: 2682093

Ion Ratio Lower Upper

91 100

92 61.1 49.0 73.6



#54

1,2-Dibromoethane

Concen: 10.125 ppbv

RT: 10.64 min Scan# 2444

Delta R.T. 0.02 min

Lab File: VL035118.D

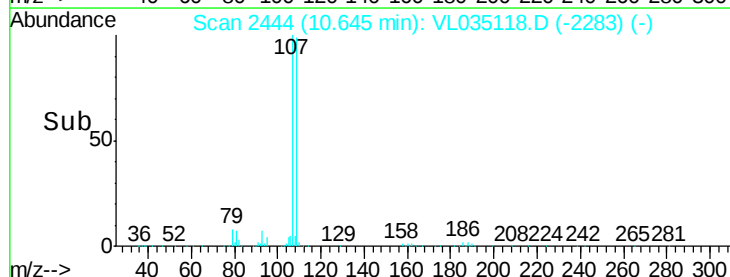
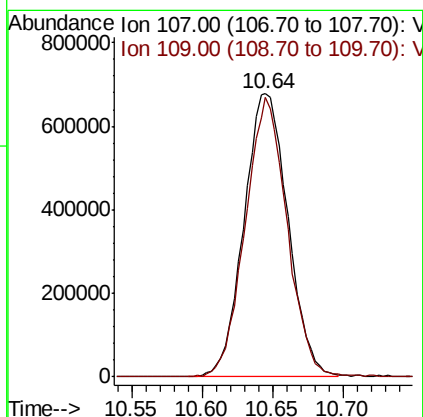
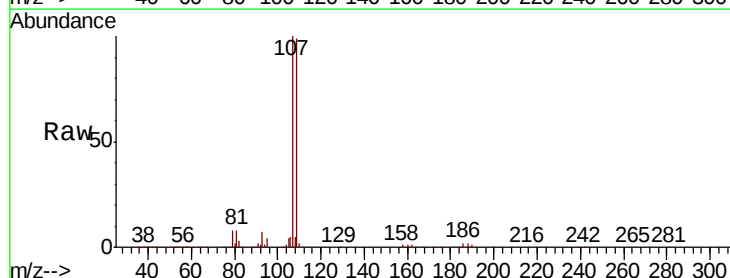
Acq: 22 Jun 2020 19:54

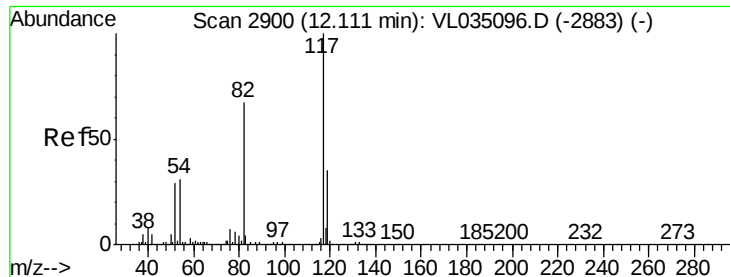
Tgt Ion: 107 Resp: 1479334

Ion Ratio Lower Upper

107 100

109 98.6 75.9 113.9

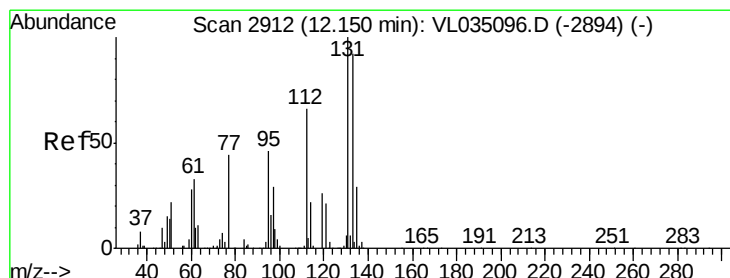
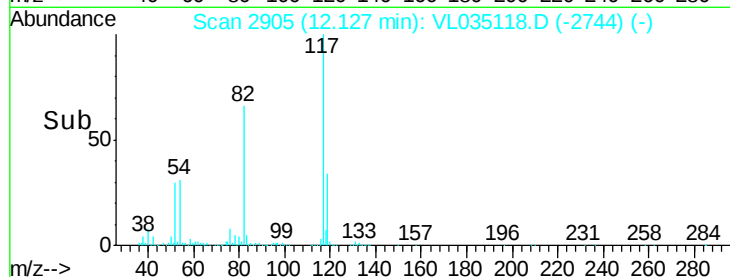
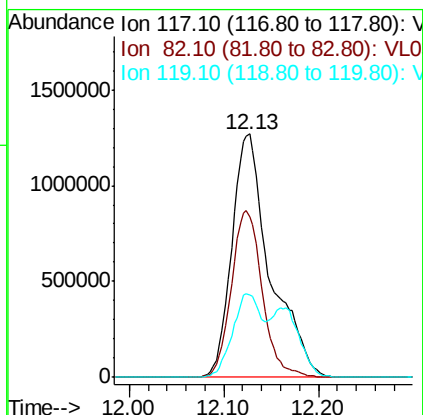
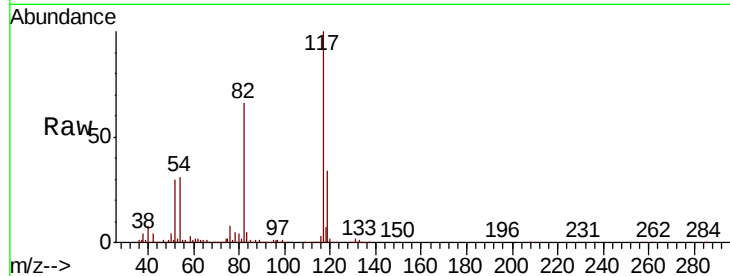




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. 0.02 min
Lab File: VL035118.D
Acq: 22 Jun 2020 19:54

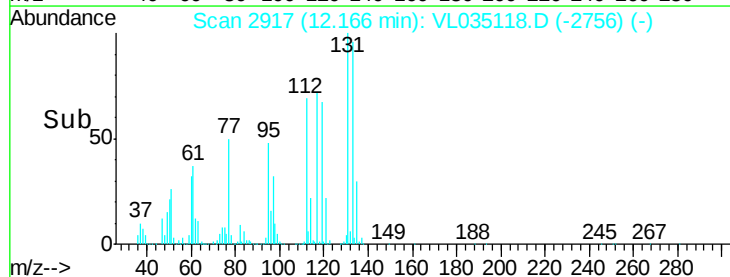
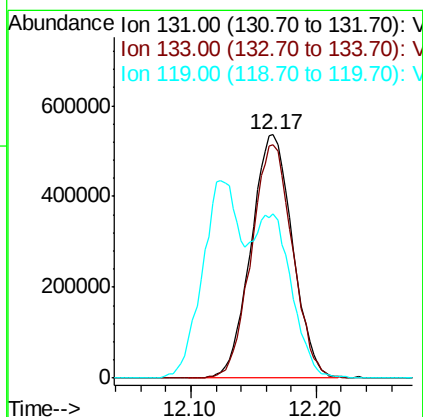
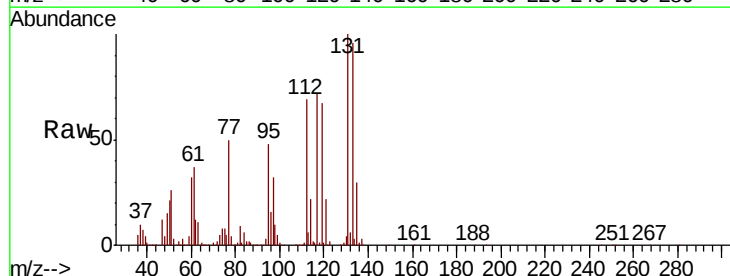
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01

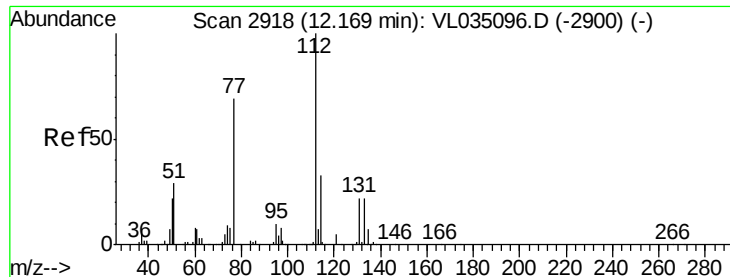
Tot Ion:117 Resp: 3572683
Ion Ratio Lower Upper
117 100
82 55.6 50.4 75.6
119 25.5 25.4 38.0



#56
1,1,1,2-Tetrachloroethane
Concen: 8.453 ppbv
RT: 12.17 min Scan# 2917
Delta R.T. 0.02 min
Lab File: VL035118.D
Acq: 22 Jun 2020 19:54

Tgt Ion:131 Resp: 1235931
Ion Ratio Lower Upper
131 100
133 95.0 76.2 114.4
119 59.4 114.6 172.0#

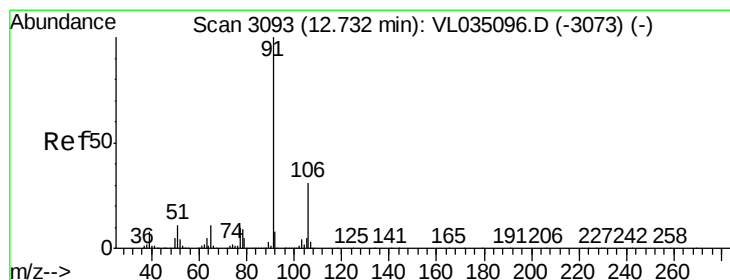
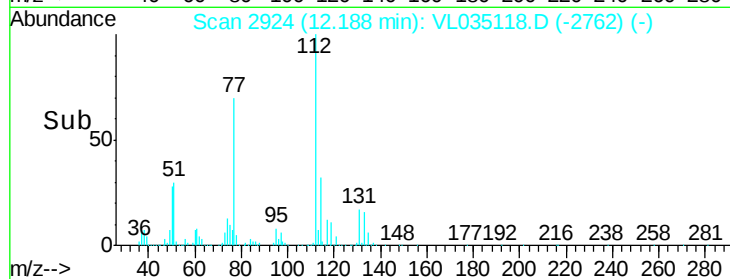
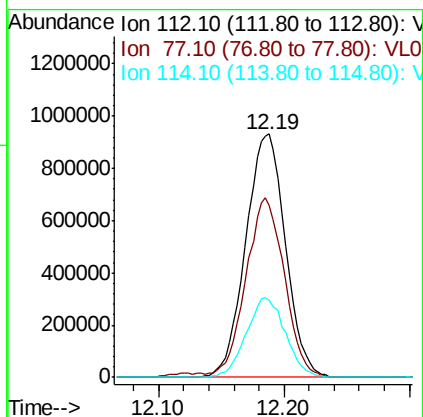
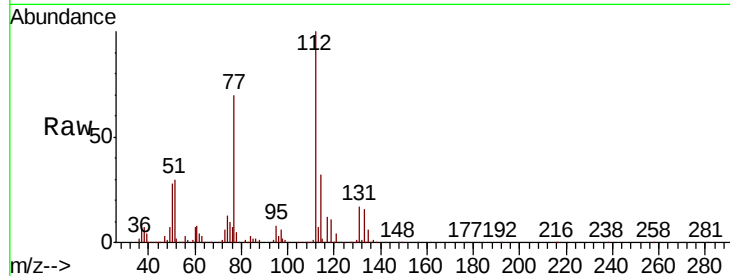




#57
Chlorobenzene
Concen: 7.778 ppbv
RT: 12.19 min Scan# 2924
Delta R.T. 0.02 min
Lab File: VL035118.D
Acq: 22 Jun 2020 19:54

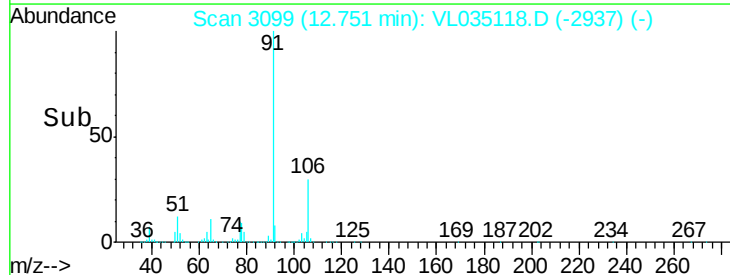
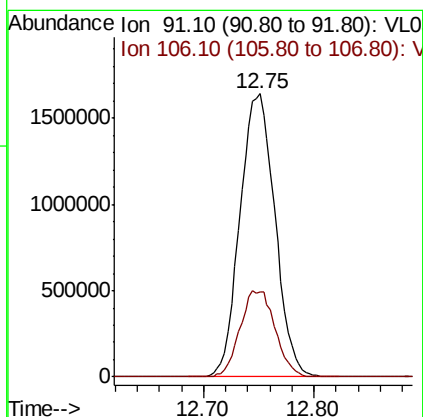
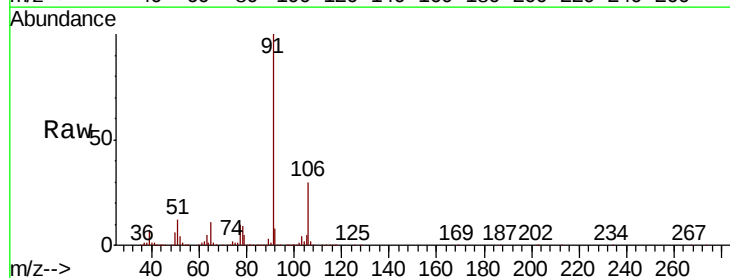
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01

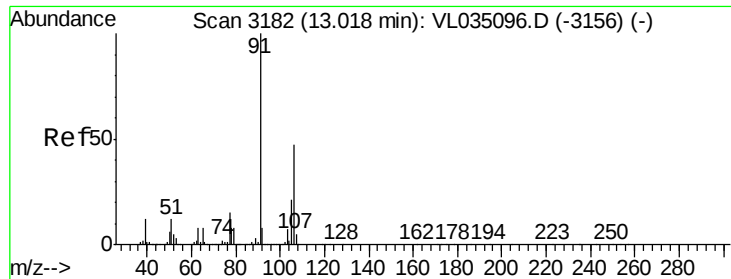
Tot Ion:112 Resp: 2044679
Ion Ratio Lower Upper
112 100
77 70.3 56.7 85.1
114 31.7 29.3 35.9



#58
Ethyl Benzene
Concen: 9.005 ppbv
RT: 12.75 min Scan# 3099
Delta R.T. 0.02 min
Lab File: VL035118.D
Acq: 22 Jun 2020 19:54

Tgt Ion: 91 Resp: 3614759
Ion Ratio Lower Upper
91 100
106 30.0 25.0 37.6





#59

m/p-Xylene

Concen: 8.414 ppbv

RT: 13.03 min Scan# 3187

Delta R.T. 0.02 min

Lab File: VL035118.D

Acq: 22 Jun 2020 19:54

Instrument :

MSVOA_L

ClientSampleId :

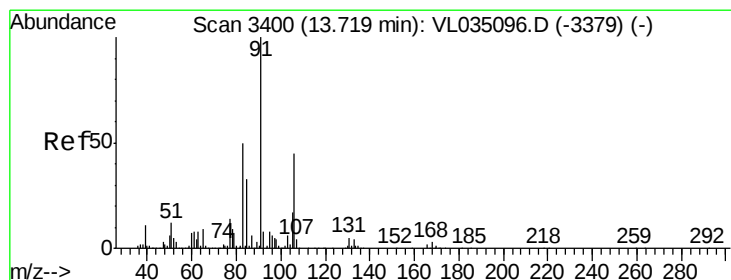
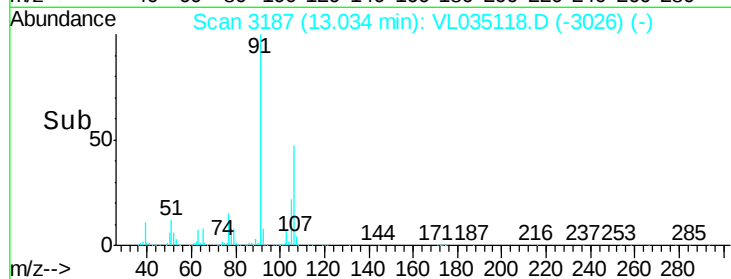
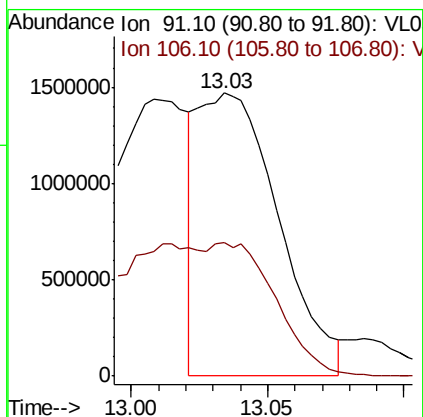
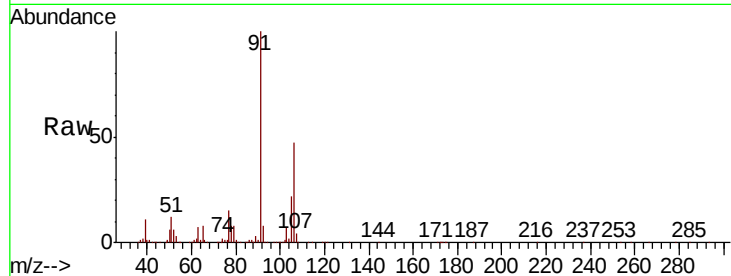
VL0622ABS01

Tot Ion: 91 Resp: 2993134

Ion Ratio Lower Upper

91 100

106 91.3 36.5 54.7#



#60

o-Xylene

Concen: 8.394 ppbv

RT: 13.73 min Scan# 3405

Delta R.T. 0.02 min

Lab File: VL035118.D

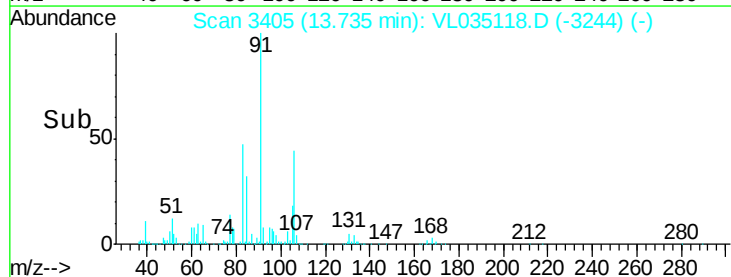
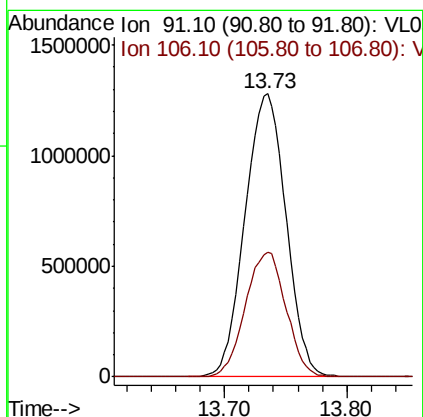
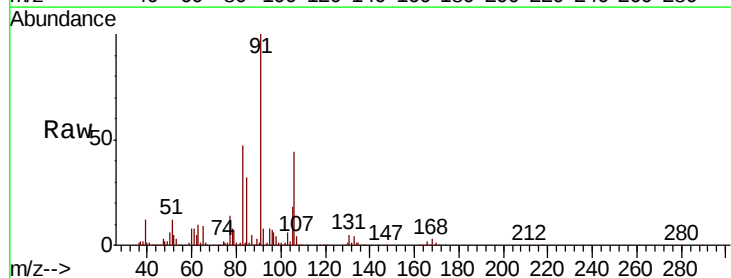
Acq: 22 Jun 2020 19:54

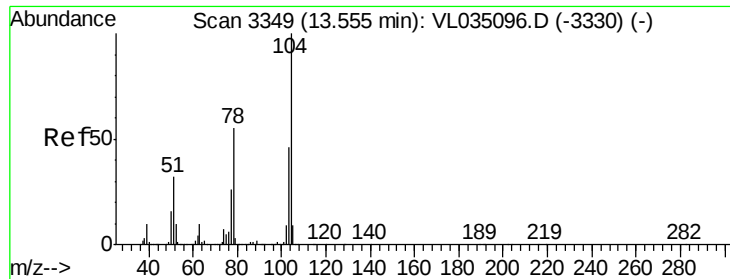
Tgt Ion: 91 Resp: 2972953

Ion Ratio Lower Upper

91 100

106 43.7 22.1 66.5

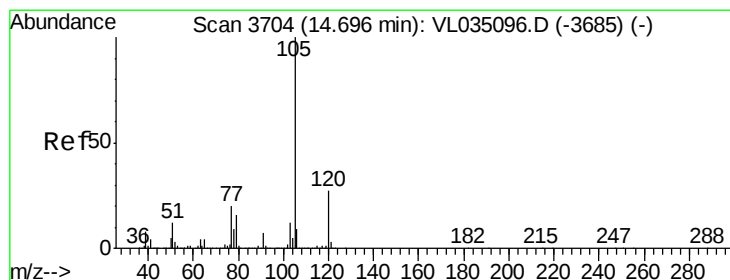
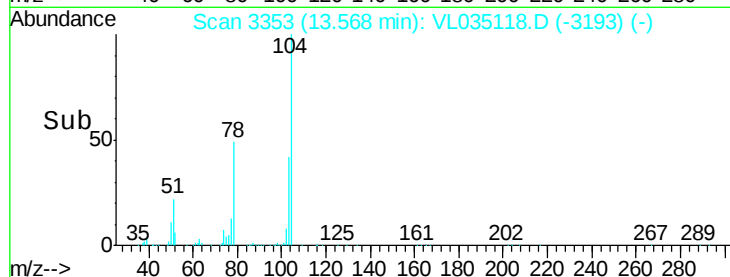
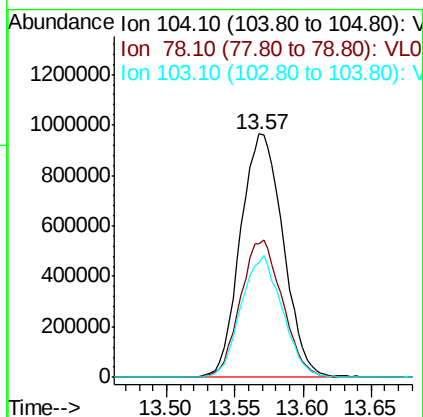
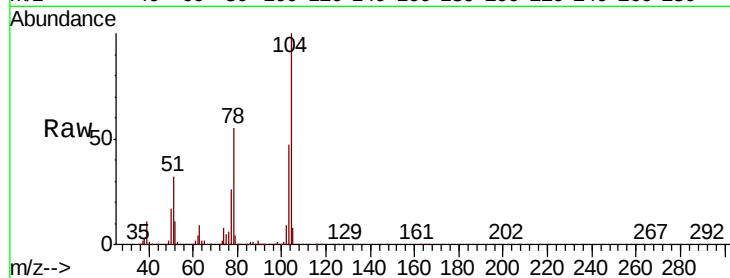




#61
Stvrene
Concen: 9.411 ppbv
RT: 13.57 min Scan# 3353
Delta R.T. 0.01 min
Lab File: VL035118.D
Acq: 22 Jun 2020 19:54

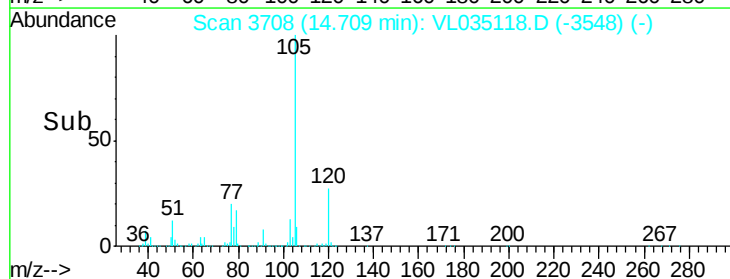
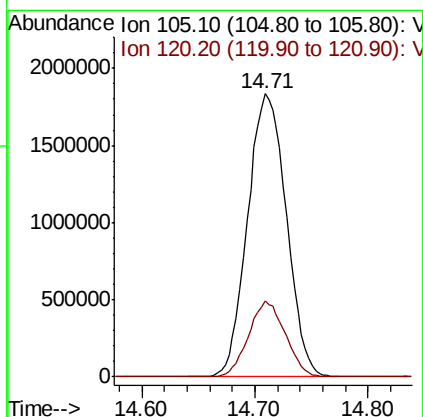
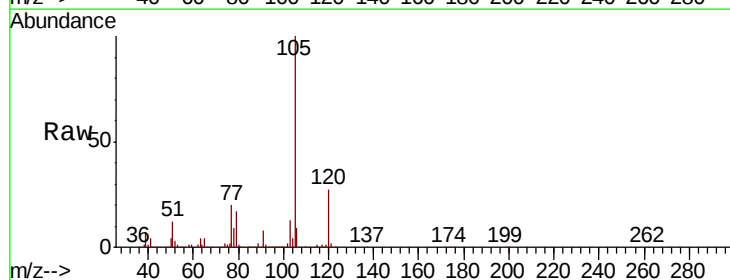
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01

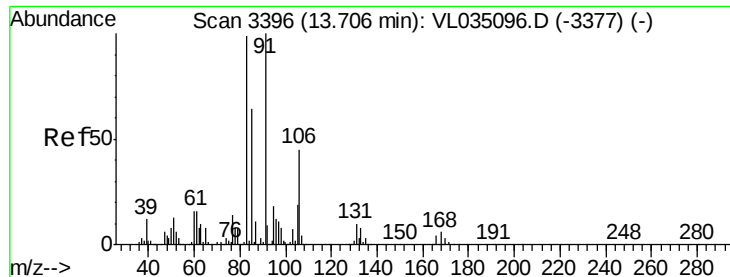
Tot Ion:104 Resp: 2097448
Ion Ratio Lower Upper
104 100
78 55.6 43.4 65.0
103 48.4 38.3 57.5



#62
Isopropylbenzene
Concen: 8.265 ppbv
RT: 14.71 min Scan# 3708
Delta R.T. 0.01 min
Lab File: VL035118.D
Acq: 22 Jun 2020 19:54

Tgt Ion:105 Resp: 4368006
Ion Ratio Lower Upper
105 100
120 25.5 20.8 31.2

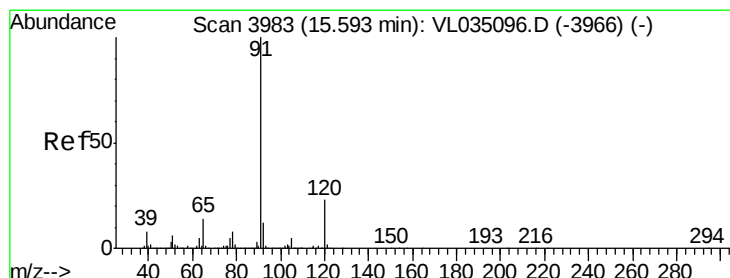
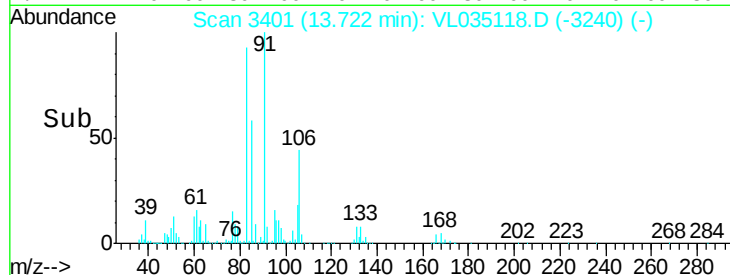
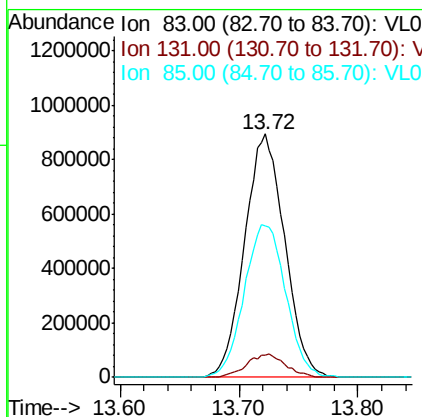
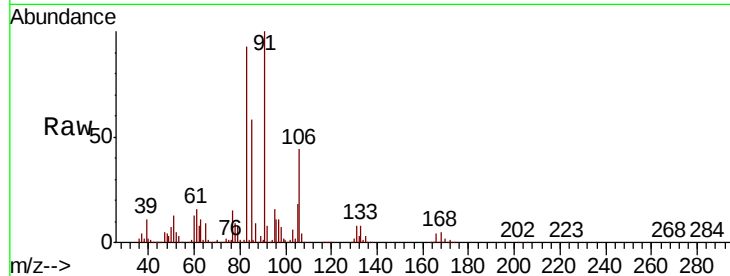




#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.290 ppbv
 RT: 13.72 min Scan# 3401
 Delta R.T. 0.02 min
 Lab File: VL035118.D
 Acq: 22 Jun 2020 19:54

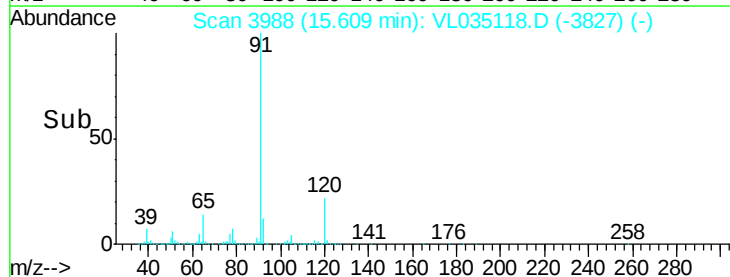
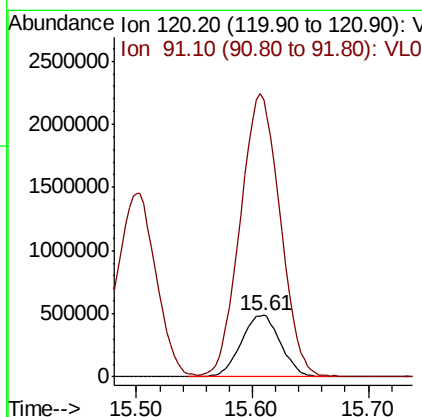
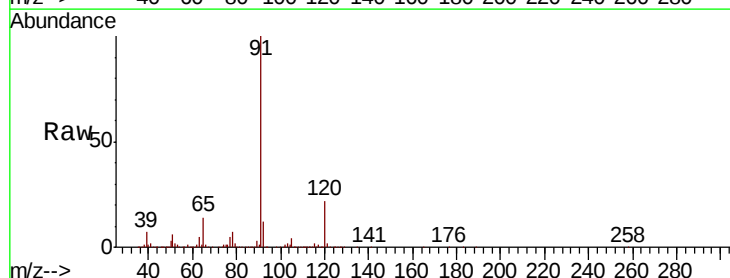
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0622ABS01

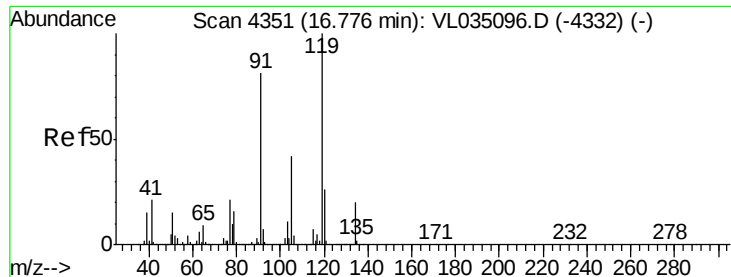
Tot Ion: 83 Resp: 2091139
 Ion Ratio Lower Upper
 83 100
 131 9.3 4.7 14.0
 85 64.9 32.4 97.0



#64
 n-propylbenzene
 Concen: 8.530 ppbv
 RT: 15.61 min Scan# 3988
 Delta R.T. 0.02 min
 Lab File: VL035118.D
 Acq: 22 Jun 2020 19:54

Tgt Ion:120 Resp: 1150437
 Ion Ratio Lower Upper
 120 100
 91 466.5 367.9 551.9





#65

tert-Butylbenzene

Concen: 8.296 ppbv

RT: 16.79 min Scan# 4356

Delta R.T. 0.02 min

Lab File: VL035118.D

Acq: 22 Jun 2020 19:54

Instrument :

MSVOA_L

ClientSampleId :

VL0622ABS01

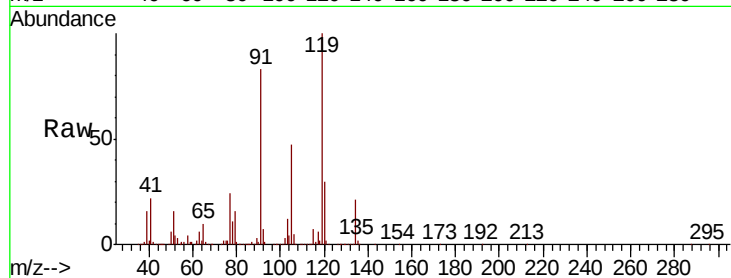
Tot Ion:119 Resp: 3754476

Ion Ratio Lower Upper

119 100

91 84.9 67.6 101.4

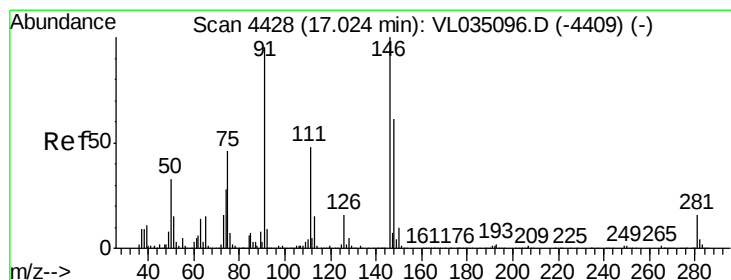
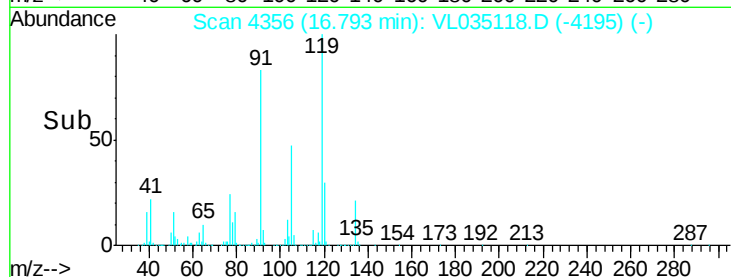
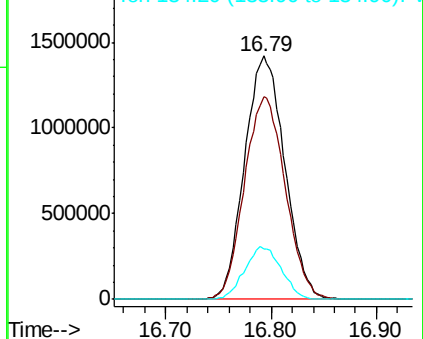
134 19.8 15.7 23.5



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: 11.185 ppbv

RT: 17.04 min Scan# 4433

Delta R.T. 0.02 min

Lab File: VL035118.D

Acq: 22 Jun 2020 19:54

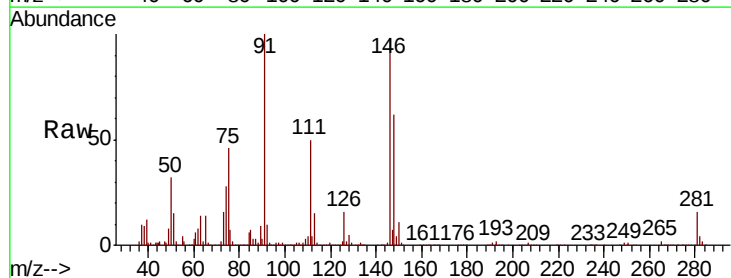
Tgt Ion: 91 Resp: 1563611

Ion Ratio Lower Upper

91 100

126 16.3 13.5 20.3

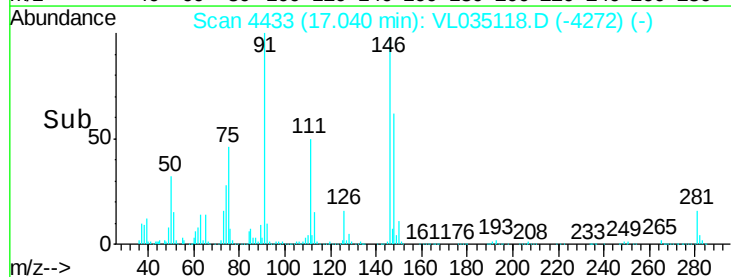
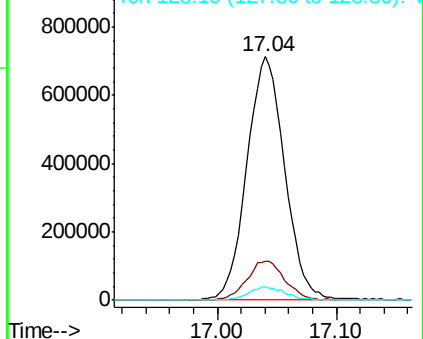
128 5.3 4.3 6.5

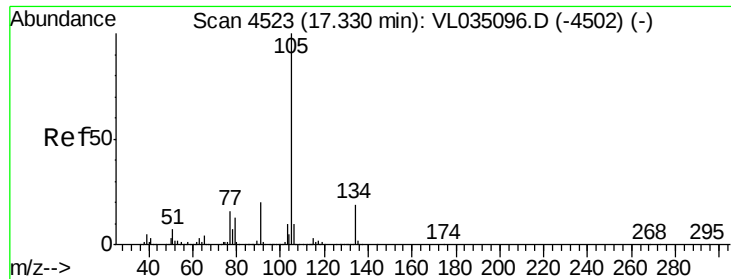


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 8.224 ppbv

RT: 17.35 min Scan# 4528

Delta R.T. 0.02 min

Lab File: VL035118.D

Acq: 22 Jun 2020 19:54

Instrument :

MSVOA_L

ClientSampleId :

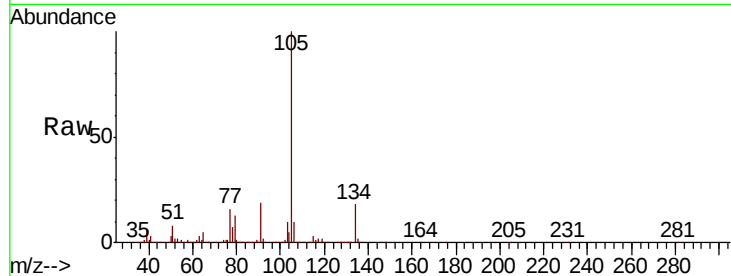
VL0622ABS01

Tot Ion:105 Resp: 5334619

Ion Ratio Lower Upper

105 100

134 18.5 14.7 22.1



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V

2500000

2000000

1500000

1000000

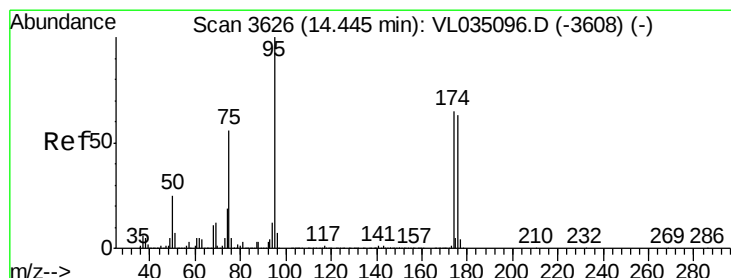
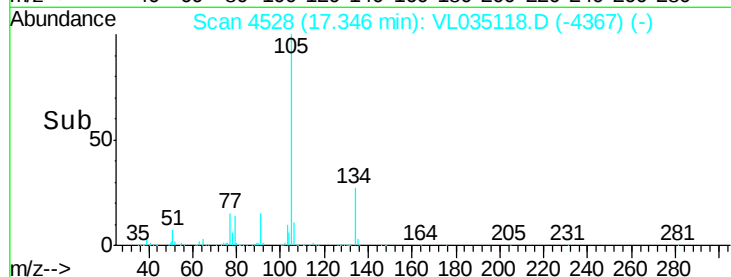
500000

0

17.35

17.40

Time-->



#68

1-Bromo-4-Fluorobenzene

Concen: 8.255 ppbv

RT: 14.46 min Scan# 3631

Delta R.T. 0.02 min

Lab File: VL035118.D

Acq: 22 Jun 2020 19:54

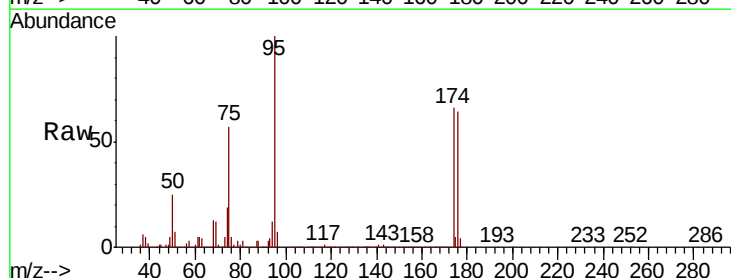
Tgt Ion: 95 Resp: 2449948

Ion Ratio Lower Upper

95 100

174 64.9 52.2 78.2

175 4.9 4.0 6.0



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

1000000

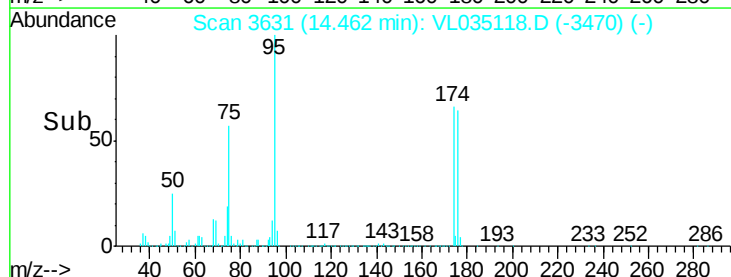
500000

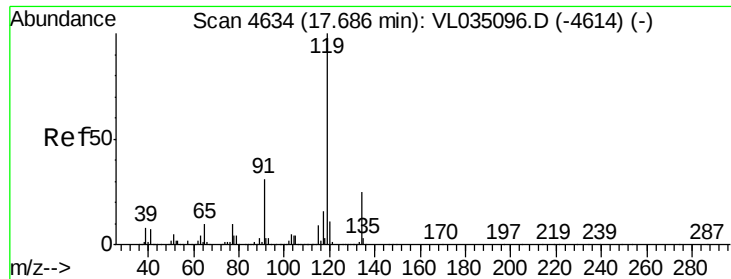
0

14.46

14.50

Time-->

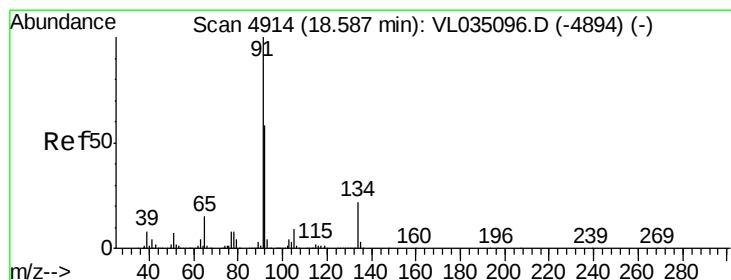
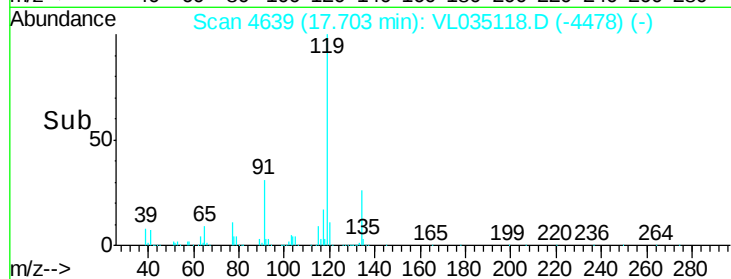
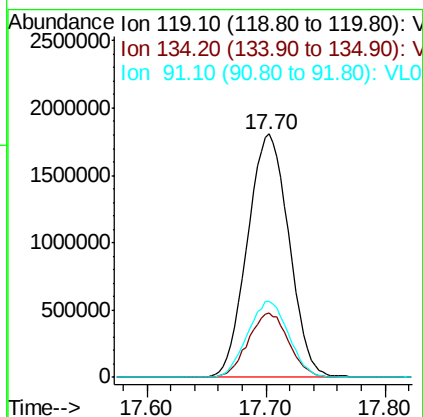
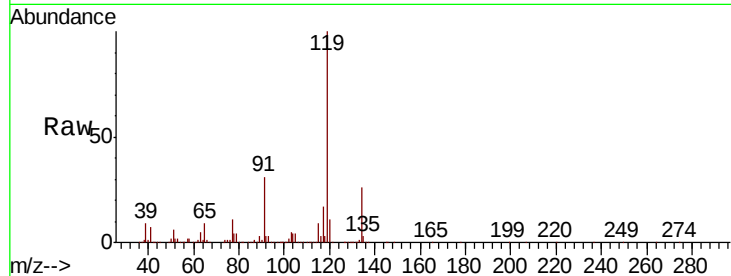




#69
 p-Isopropyltoluene
 Concen: 8.438 ppbv
 RT: 17.70 min Scan# 4639
 Delta R.T. 0.02 min
 Lab File: VL035118.D
 Acq: 22 Jun 2020 19:54

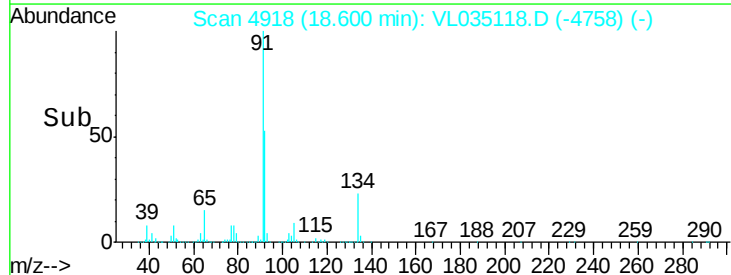
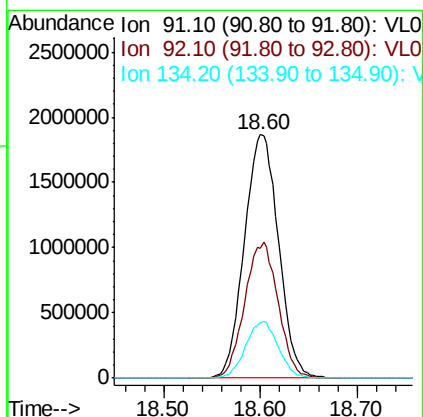
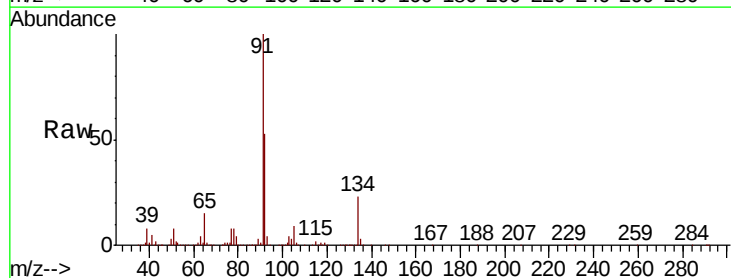
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0622ABS01

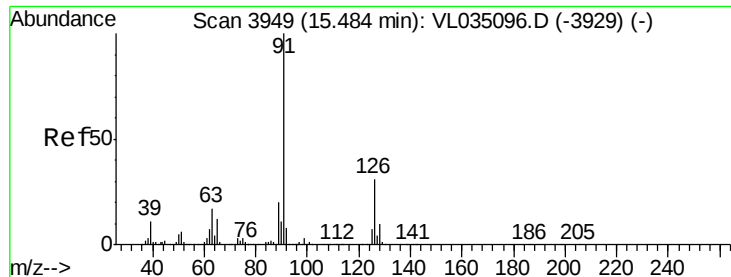
Tot Ion: 119 Resp: 4365425
 Ion Ratio Lower Upper
 119 100
 134 25.8 20.4 30.6
 91 30.9 24.5 36.7



#70
 n-Butylbenzene
 Concen: 8.206 ppbv
 RT: 18.60 min Scan# 4918
 Delta R.T. 0.01 min
 Lab File: VL035118.D
 Acq: 22 Jun 2020 19:54

Tgt Ion: 91 Resp: 4573405
 Ion Ratio Lower Upper
 91 100
 92 54.6 44.4 66.6
 134 22.4 18.0 27.0

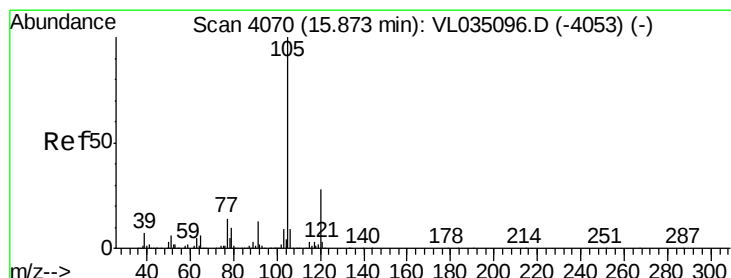
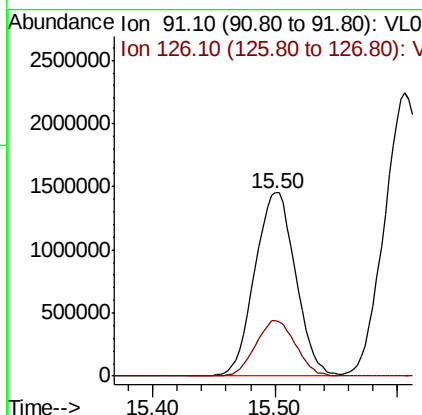
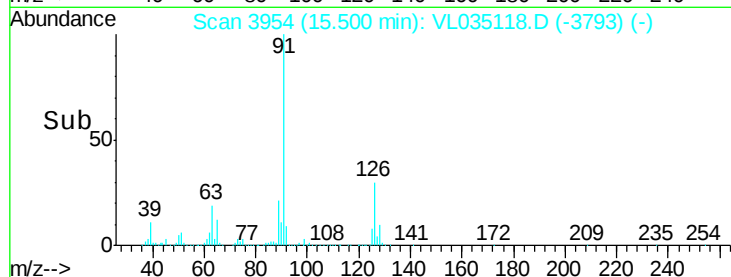
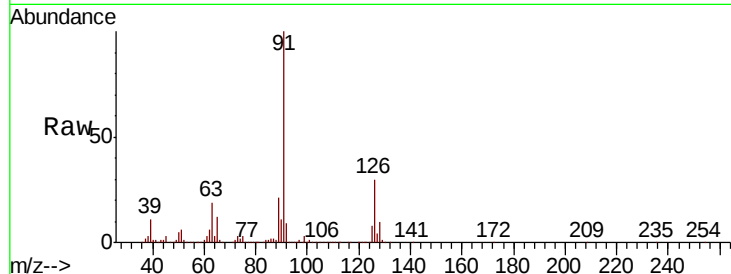




#71
 2-Chlorotoluene
 Concen: 8.434 ppbv
 RT: 15.50 min Scan# 3954
 Delta R.T. 0.02 min
 Lab File: VL035118.D
 Acq: 22 Jun 2020 19:54

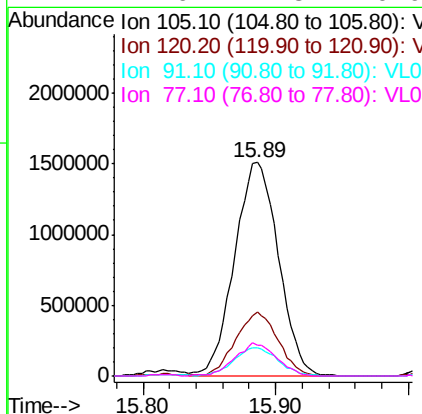
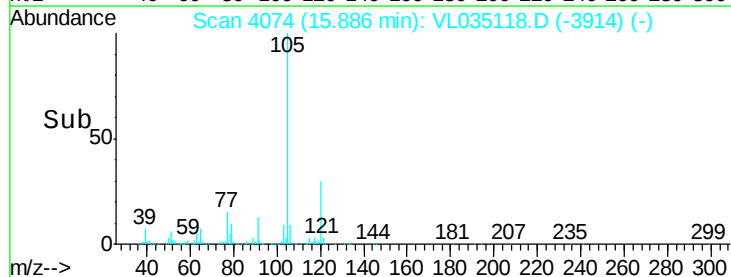
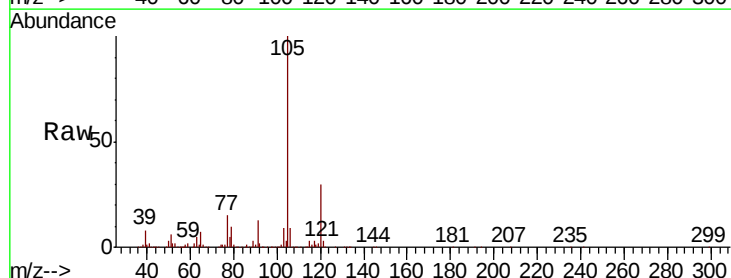
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0622ABS01

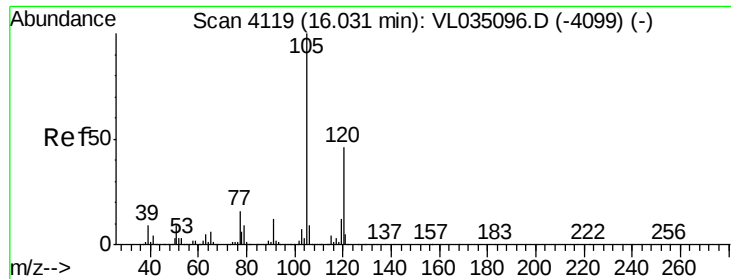
Tot Ion: 91 Resp: 3369349
 Ion Ratio Lower Upper
 91 100
 126 29.9 12.0 48.0



#72
 4-Ethyltoluene
 Concen: 8.791 ppbv
 RT: 15.89 min Scan# 4074
 Delta R.T. 0.01 min
 Lab File: VL035118.D
 Acq: 22 Jun 2020 19:54

Tgt Ion: 105 Resp: 3463397
 Ion Ratio Lower Upper
 105 100
 120 29.1 23.4 35.0
 91 13.3 10.6 16.0
 77 14.6 11.3 16.9

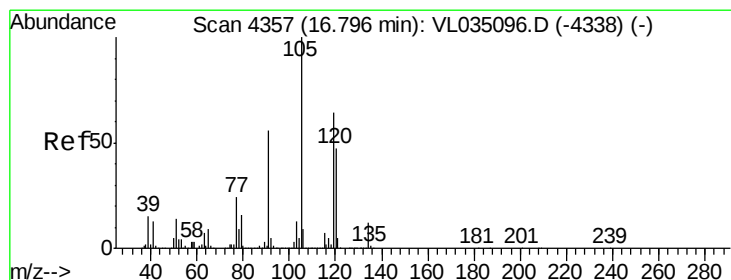
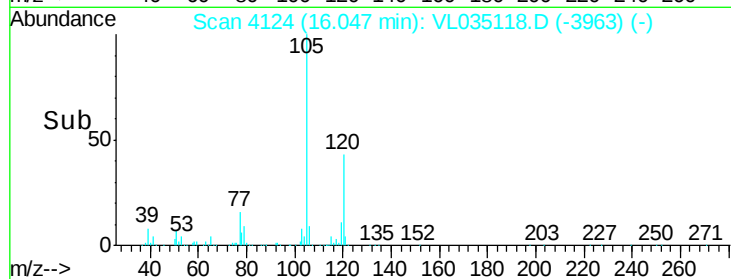
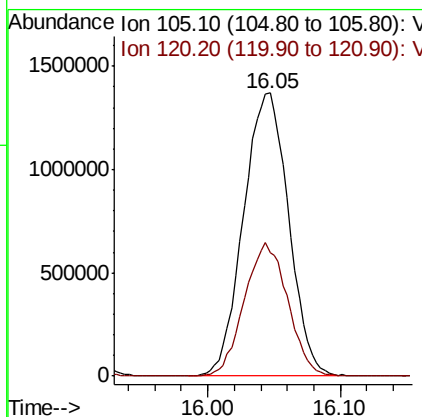
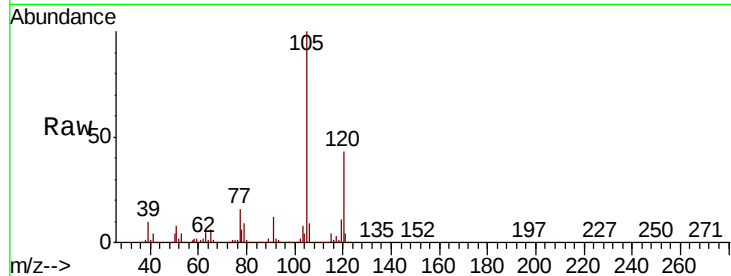




#73
 1,3,5-Trimethylbenzene
 Concen: 8.683 ppbv
 RT: 16.05 min Scan# 4124
 Delta R.T. 0.02 min
 Lab File: VL035118.D
 Acq: 22 Jun 2020 19:54

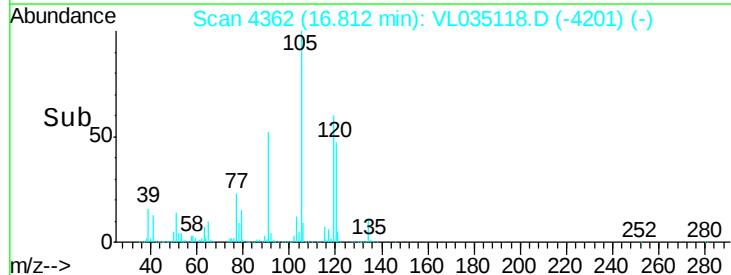
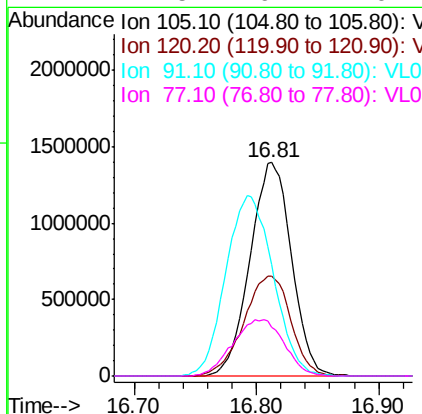
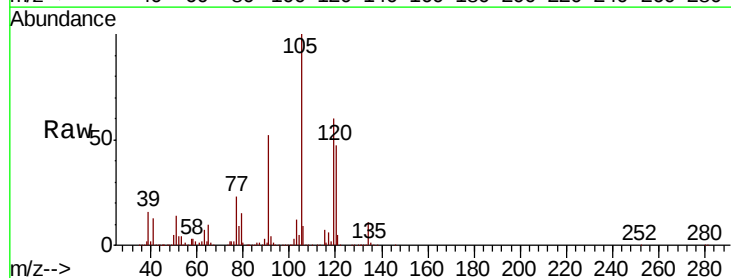
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0622ABS01

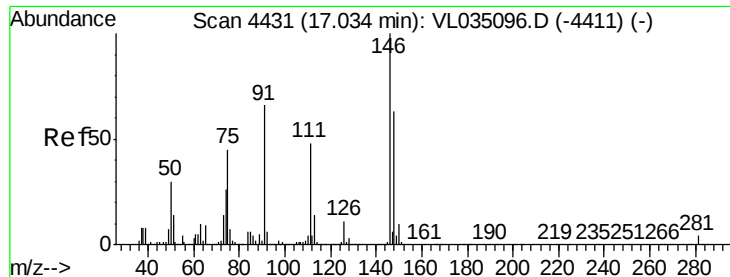
Tot Ion:105 Resp: 3233852
 Ion Ratio Lower Upper
 105 100
 120 43.5 37.0 55.6



#74
 1,2,4-Trimethylbenzene
 Concen: 7.914 ppbv
 RT: 16.81 min Scan# 4362
 Delta R.T. 0.02 min
 Lab File: VL035118.D
 Acq: 22 Jun 2020 19:54

Tgt Ion:105 Resp: 3289501
 Ion Ratio Lower Upper
 105 100
 120 47.0 37.9 56.9
 91 52.1 46.0 69.0
 77 22.5 19.4 29.2





#75

1,3-Dichlorobenzene

Concen: 7.732 ppbv

RT: 17.05 min Scan# 4437

Delta R.T. 0.02 min

Lab File: VL035118.D

Acq: 22 Jun 2020 19:54

Instrument :

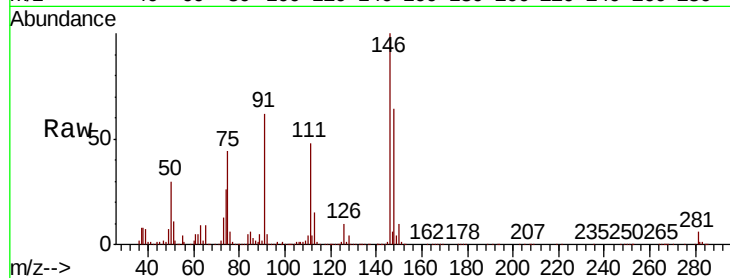
MSVOA_L

ClientSampleId :

VL0622ABS01

Tot Ion:146 Resp: 1918062

Ion	Ratio	Lower	Upper
146	100		
111	48.3	24.1	72.4
148	63.6	32.3	96.8

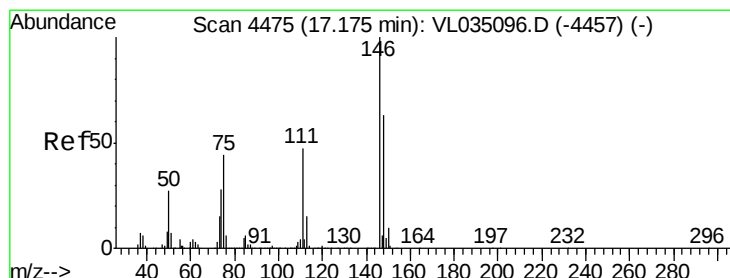
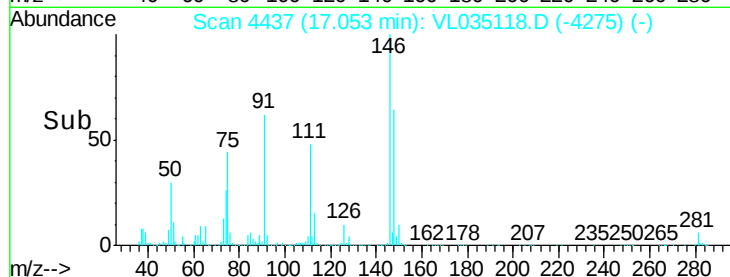
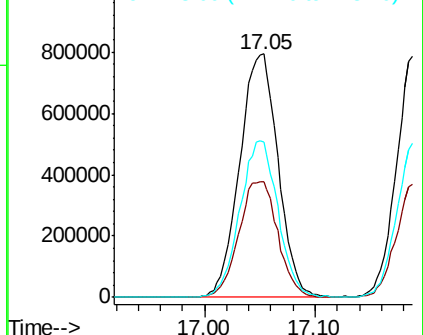


Abundance

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: 7.901 ppbv

RT: 17.19 min Scan# 4480

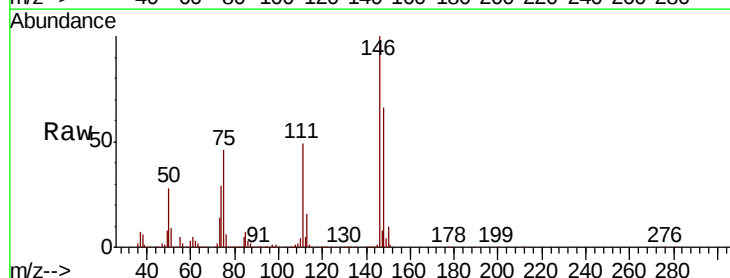
Delta R.T. 0.02 min

Lab File: VL035118.D

Acq: 22 Jun 2020 19:54

Tgt Ion:146 Resp: 1874757

Ion	Ratio	Lower	Upper
146	100		
111	47.3	23.5	70.5
148	64.7	32.0	96.2

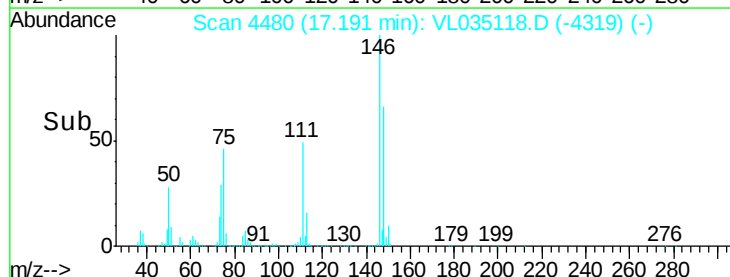
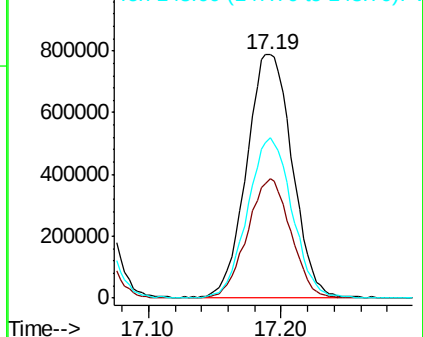


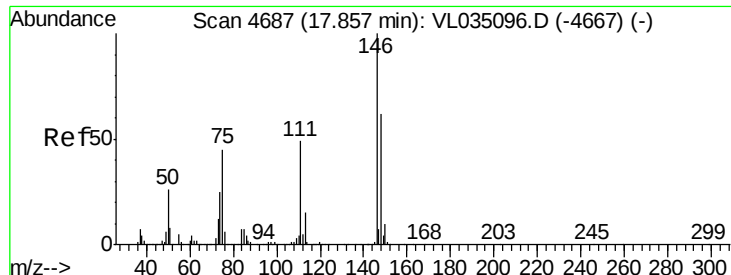
Abundance

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

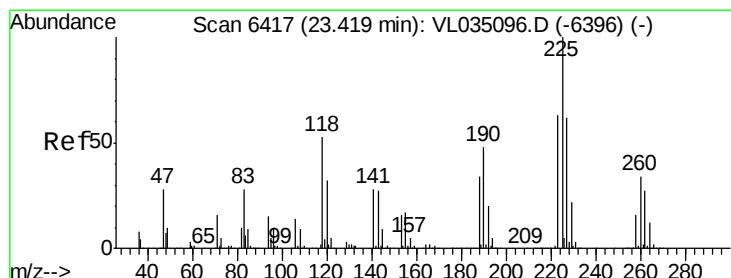
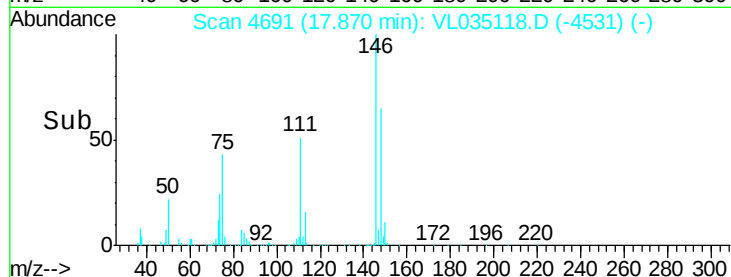
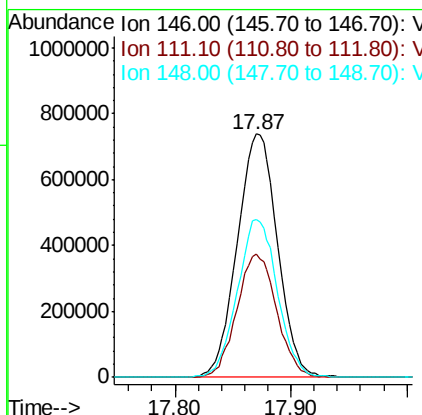
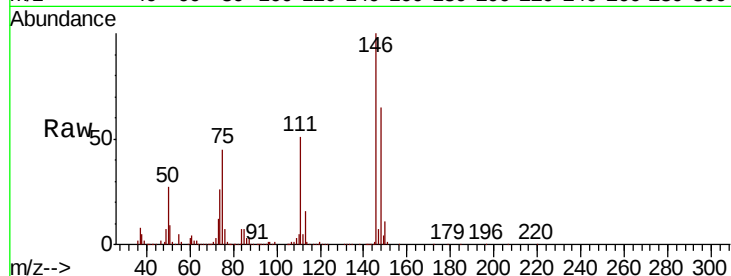




#77
 1,2-Dichlorobenzene
 Concen: 7.835 ppbv
 RT: 17.87 min Scan# 4691
 Delta R.T. 0.01 min
 Lab File: VL035118.D
 Acq: 22 Jun 2020 19:54

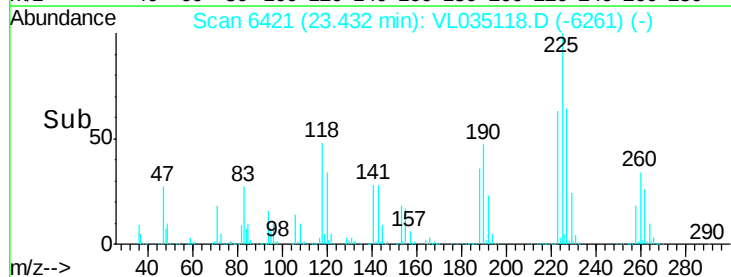
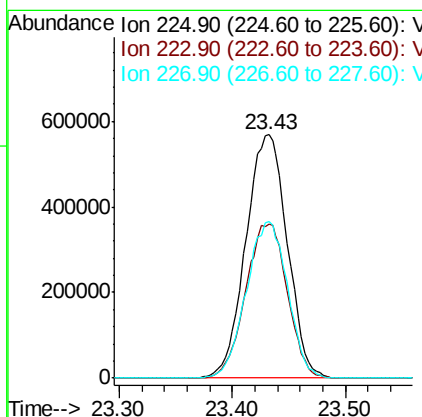
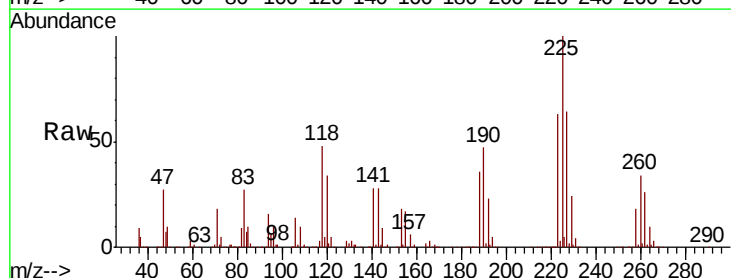
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0622ABS01

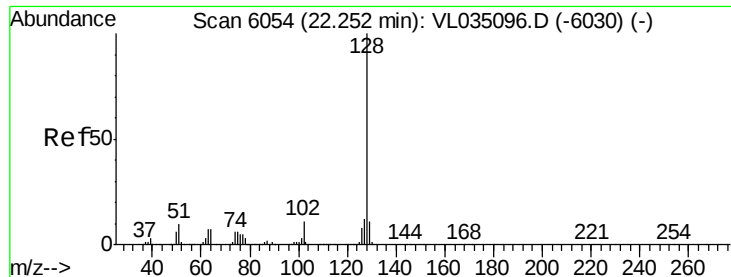
Tot Ion:146 Resp: 1778330
 Ion Ratio Lower Upper
 146 100
 111 50.1 25.0 75.0
 148 64.8 32.3 96.8



#78
 Hexachloro-1,3-Butadiene
 Concen: 7.086 ppbv
 RT: 23.43 min Scan# 6421
 Delta R.T. 0.01 min
 Lab File: VL035118.D
 Acq: 22 Jun 2020 19:54

Tgt Ion:225 Resp: 1445714
 Ion Ratio Lower Upper
 225 100
 223 63.8 51.4 77.0
 227 64.2 51.8 77.8





#79

Naphthalene

Concen: 8.886 ppbv

RT: 22.27 min Scan# 6060

Delta R.T. 0.02 min

Lab File: VL035118.D

Acq: 22 Jun 2020 19:54

Instrument :

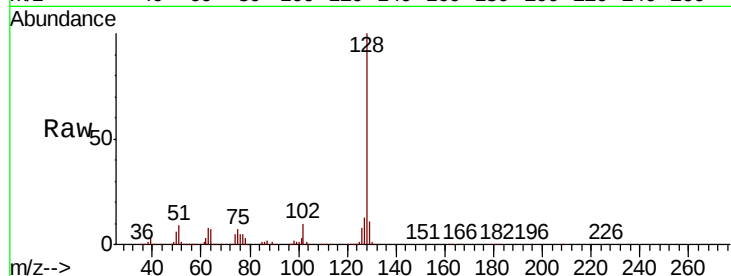
MSVOA_L

ClientSampleId :

VL0622ABS01

Tot Ion:128 Resp: 3238178

Ion	Ratio	Lower	Upper
128	100		
127	13.4	9.9	14.9
129	10.7	9.0	13.4

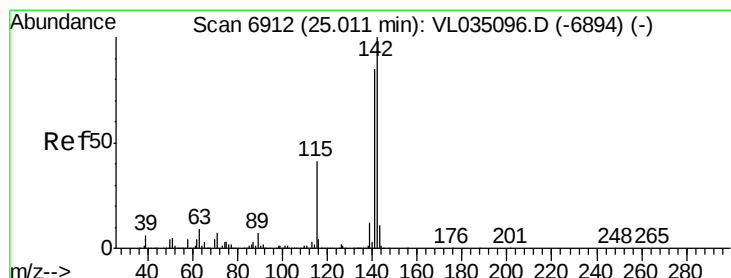
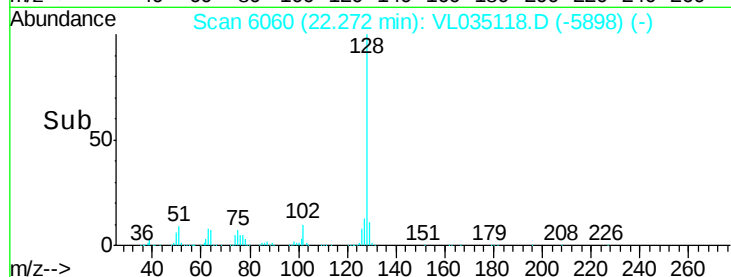
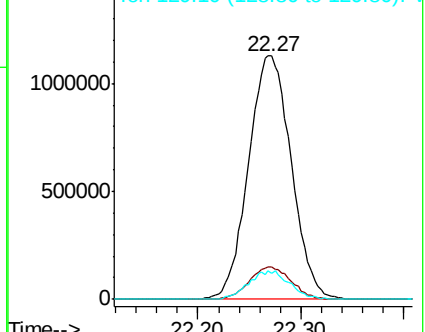


Abundance

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: 10.762 ppbv

RT: 25.02 min Scan# 6915

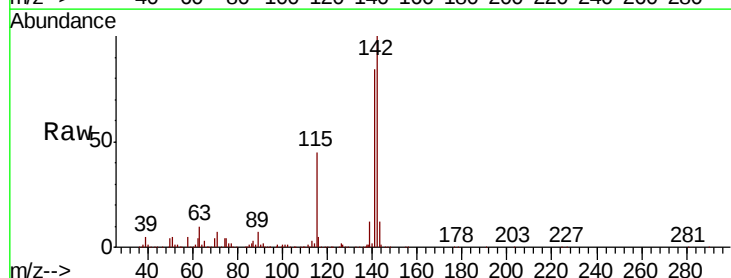
Delta R.T. 0.01 min

Lab File: VL035118.D

Acq: 22 Jun 2020 19:54

Tgt Ion:142 Resp: 1499625

Ion	Ratio	Lower	Upper
142	100		
141	84.8	67.5	101.3
115	43.5	33.8	50.8

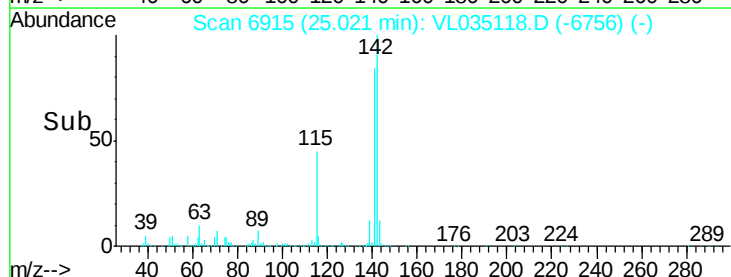
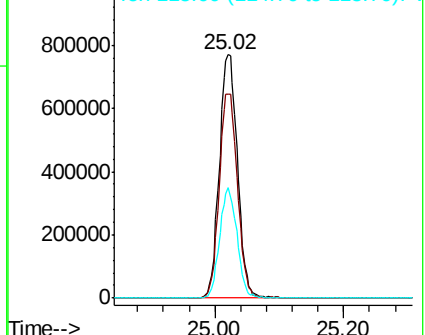


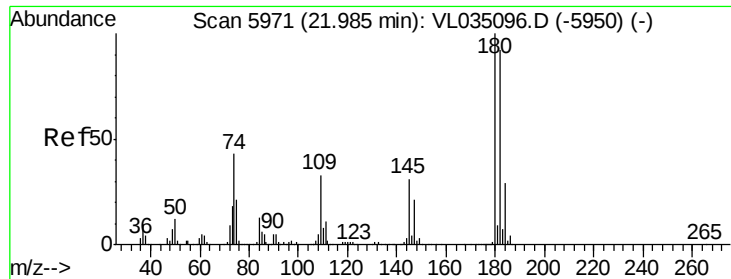
Abundance

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

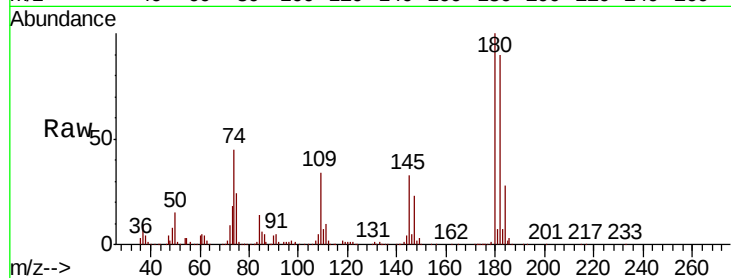




#81
 1,2,4-Trichlorobenzene
 Concen: 8.152 ppbv
 RT: 22.00 min Scan# 5974
 Delta R.T. 0.01 min
 Lab File: VL035118.D
 Acq: 22 Jun 2020 19:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0622ABS01

Tot Ion:180 Resp: 1713825
 Ion Ratio Lower Upper
 180 100
 182 95.7 77.9 116.9
 184 31.0 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

