

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL082720\
 Data File : VL035509.D
 Acq On : 27 Aug 2020 4:43
 Operator : SY/AP
 Sample : VSTDIC0.1
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

Quant Time: Aug 27 05:36:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 27 05:32:47 2020
 QLast Update : Thu Aug 27 05:32:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1068707	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4572331	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	4588500	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	3308333	10.17	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.70%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	27237	0.139 ppbv	94
3) Chlorodifluoromethane	2.99	51	12740	0.106 ppbv	99
4) Chloromethane	3.14	50	7926	0.126 ppbv	99
5) Vinyl Chloride	3.26	62	7491	0.101 ppbv	88
6) Bromomethane	3.47	94	7037	0.104 ppbv #	74
7) Chloroethane	3.56	64	2702	0.096 ppbv	92
8) Dichlorotetrafluoroethane	3.19	85	25132	0.108 ppbv	98
9) Propene	3.01	41	7109	0.151 ppbv	97
10) Heptane	8.14	43	5807	0.046 ppbv #	47
11) Trichlorofluoromethane	3.95	101	29316	0.104 ppbv	93
12) 1,1,2-Trichlorotrifluoroet	4.49	101	21695	0.103 ppbv	96
14) Bromoethene	3.74	108	9039	0.099 ppbv #	98
15) Acetone	3.88	43	22431	0.196 ppbv #	79
16) 1,3-Butadiene	3.33	39	4154	0.091 ppbv	94
18) 1,1-Dichloroethene	4.30	96	5433	0.058 ppbv	98
19) Isopropyl Alcohol	4.00	45	7516	0.101 ppbv #	90
20) Methylene Chloride	4.35	84	7878	0.064 ppbv	96
21) Allyl Chloride	4.42	41	5186	0.090 ppbv	91
22) trans-1,2-Dichloroethene	4.90	96	10364	0.105 ppbv	95
23) Vinyl Acetate	5.09	43	15894	0.105 ppbv #	88
24) 1,1-Dichloroethane	5.02	63	17045	0.108 ppbv	96
25) Ethyl Acetate	5.70	43	20925	0.096 ppbv	99
26) Hexane	5.69	57	5193	0.039 ppbv #	1
27) Carbon Disulfide	4.56	76	7849	0.045 ppbv #	24
28) Methyl tert-Butyl Ether	5.07	73	18975	0.089 ppbv	100
29) Chloroform	5.76	83	26401	0.105 ppbv	99
30) Cyclohexane	7.15	84	5466	0.041 ppbv #	9
31) cis-1,2-Dichloroethene	5.56	61	11142	0.089 ppbv	89
32) 1,1,1-Trichloroethane	6.52	97	19888	0.087 ppbv	98
34) 2-Butanone	5.28	43	14608	0.108 ppbv	96
35) Carbon Tetrachloride	7.03	117	13228	0.059 ppbv	93
36) Benzene	6.91	78	28292	0.094 ppbv	98
37) 1,2-Dichloroethane	6.31	62	14958	0.105 ppbv	100
38) Trichloroethene	7.85	130	17038	0.103 ppbv #	83
39) 1,2-Dichloropropane	7.19	63	822074	8.163 ppbv #	32
41) Tetrahydrofuran	6.11	42	4461	0.061 ppbv #	88
42) Bromodichloromethane	7.81	83	19794	0.085 ppbv	98
44) 2,2,4-Trimethylpentane	7.89	57	31440	0.080 ppbv #	90
45) t-1,3-Dichloropropene	9.30	75	6941	0.058 ppbv	94
46) cis-1,3-Dichloropropene	8.73	75	5657	0.038 ppbv #	64
47) 1,1,2-Trichloroethane	9.50	97	10570	0.070 ppbv #	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

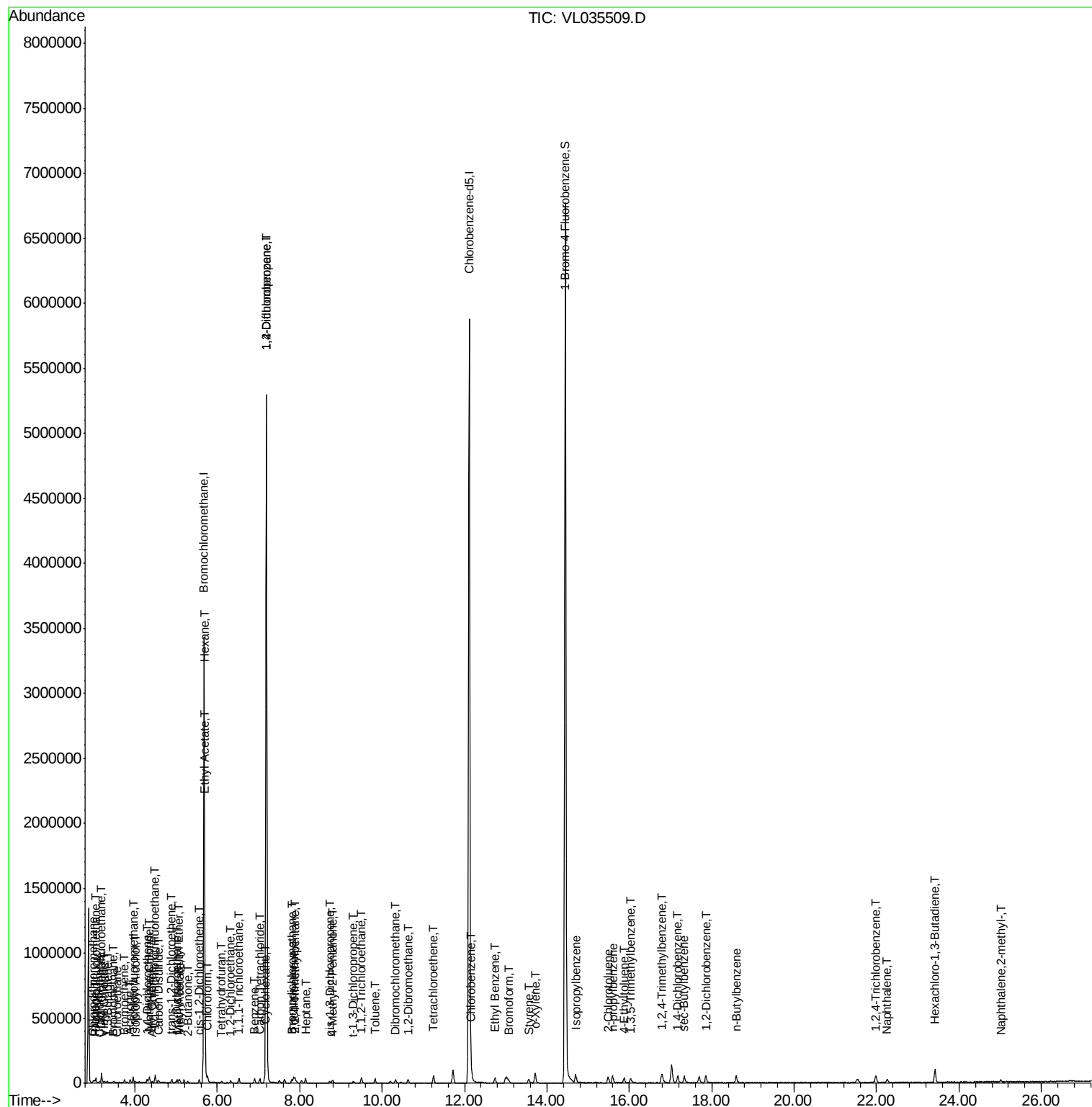
48) Dibromochloromethane	10.32	129	11567	0.048	ppbv	69
49) Bromoform	13.07	173	7933	0.036	ppbv #	26
50) 4-Methyl-2-Pentanone	8.80	43	15758	0.081	ppbv	89
52) Tetrachloroethene	11.25	164	16523	0.095	ppbv	90
53) Toluene	9.83	91	29660	0.078	ppbv	94
54) 1,2-Dibromoethane	10.63	107	13440	0.056	ppbv	90
57) Chlorobenzene	12.18	112	40118	0.118	ppbv #	94
58) Ethyl Benzene	12.74	91	23939	0.049	ppbv	91
60) o-Xylene	13.72	91	30206	0.074	ppbv	99
61) Styrene	13.55	104	20023	0.064	ppbv	96
62) Isopropylbenzene	14.70	105	30597	0.047	ppbv #	43
64) n-propylbenzene	15.59	120	14620	0.073	ppbv #	66
67) sec-Butylbenzene	17.34	105	54321	0.065	ppbv	95
70) n-Butylbenzene	18.59	91	22359	0.032	ppbv #	29
71) 2-Chlorotoluene	15.49	91	36511	0.077	ppbv	100
72) 4-Ethyltoluene	15.87	105	34787	0.067	ppbv	98
73) 1,3,5-Trimethylbenzene	16.04	105	28421	0.059	ppbv	99
74) 1,2,4-Trimethylbenzene	16.80	105	35361	0.067	ppbv #	91
76) 1,4-Dichlorobenzene	17.18	146	36611	0.093	ppbv	97
77) 1,2-Dichlorobenzene	17.86	146	37405	0.096	ppbv	98
78) Hexachloro-1,3-Butadiene	23.42	225	29646	0.111	ppbv	99
79) Naphthalene	22.26	128	24254	0.037	ppbv #	95
80) Naphthalene,2-methyl-	25.02	142	10281	0.040	ppbv	99
81) 1,2,4-Trichlorobenzene	21.98	180	12075	0.031	ppbv #	12

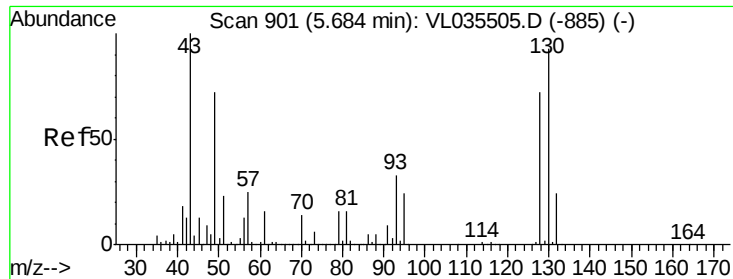
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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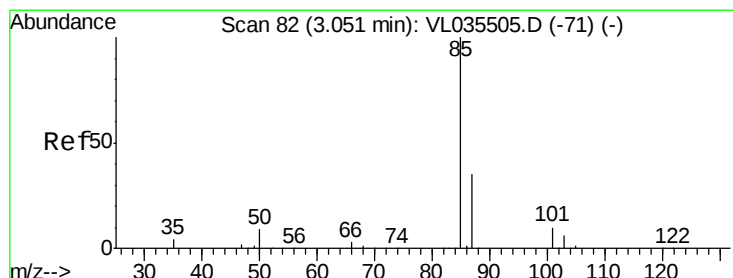
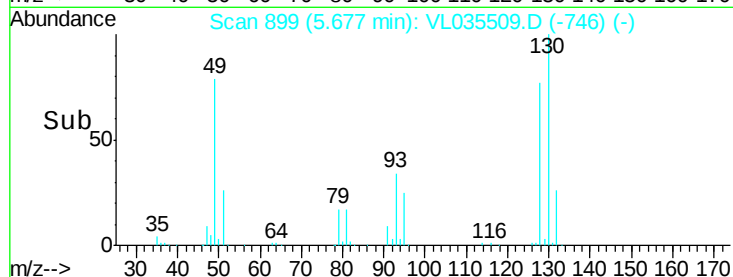
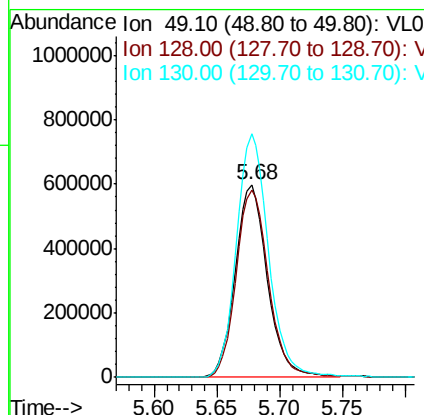
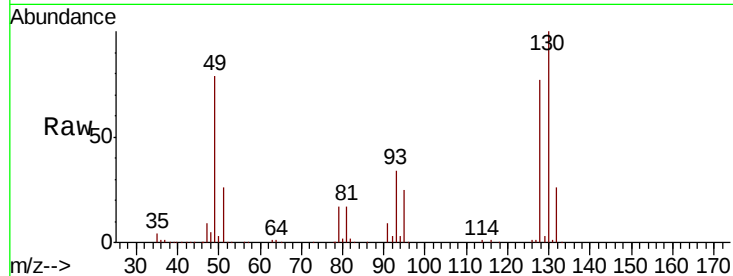




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.01 min
Lab File: VL035509.D
Acq: 27 Aug 2020 4:43

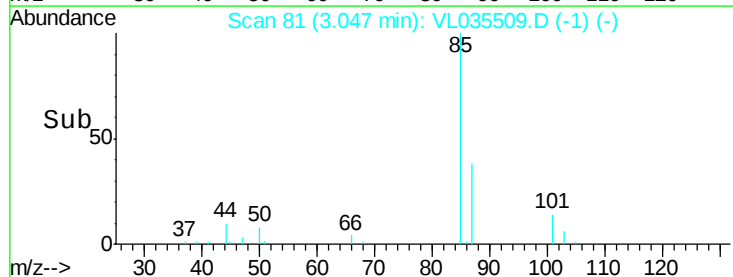
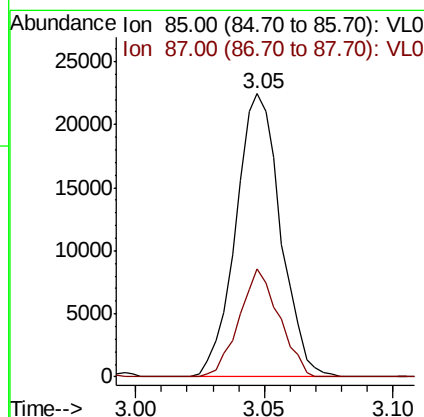
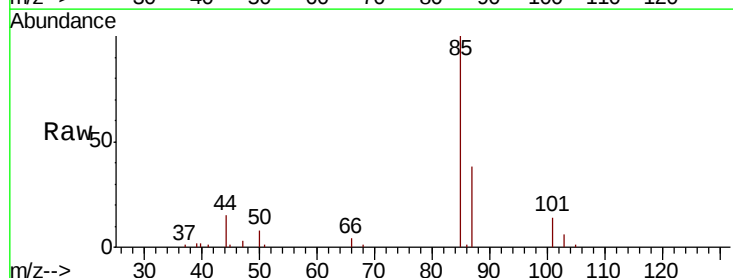
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

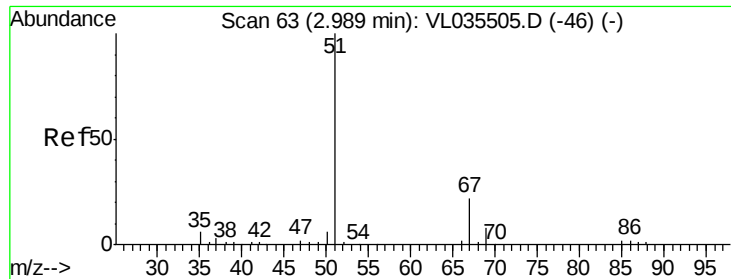
Tot Ion: 49 Resp: 1068707
Ion Ratio Lower Upper
49 100
128 99.0 50.0 150.1
130 127.2 64.4 193.2



#2
Dichlorodifluoromethane
Concen: 0.139 ppbv
RT: 3.05 min Scan# 81
Delta R.T. -0.00 min
Lab File: VL035509.D
Acq: 27 Aug 2020 4:43

Tgt Ion: 85 Resp: 27237
Ion Ratio Lower Upper
85 100
87 38.3 28.0 42.0





#3

Chlorodifluoromethane

Concen: 0.106 ppbv

RT: 2.99 min Scan# 63

Delta R.T. -0.00 min

Lab File: VL035509.D

Acq: 27 Aug 2020 4:43

Instrument :

MSVOA_L

ClientSampleId :

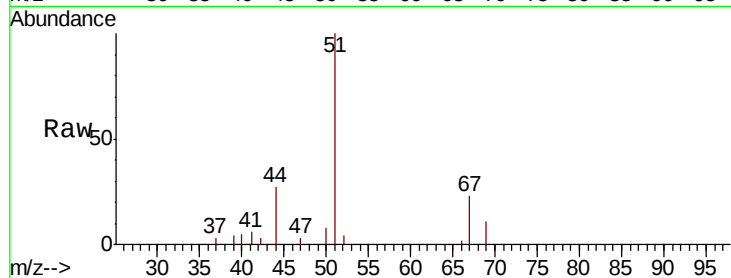
VSTDIC0.1

Tot Ion: 51 Resp: 12740

Ion Ratio Lower Upper

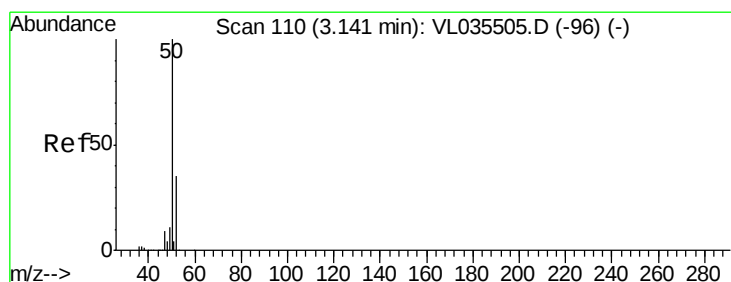
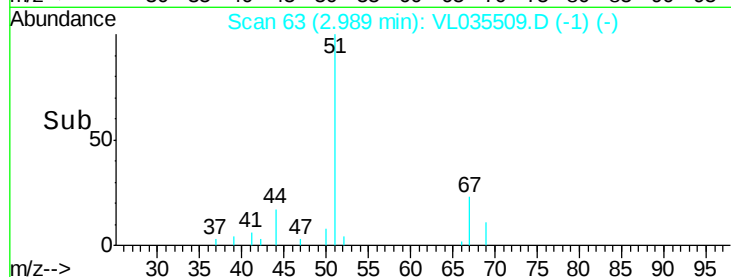
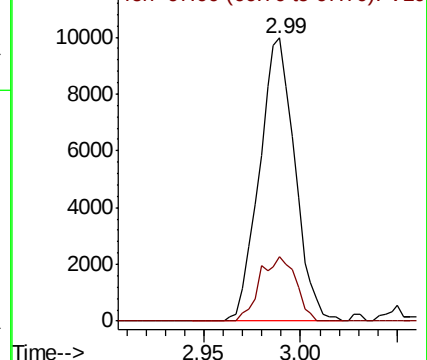
51 100

67 23.0 17.8 26.8



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.126 ppbv

RT: 3.14 min Scan# 110

Delta R.T. -0.00 min

Lab File: VL035509.D

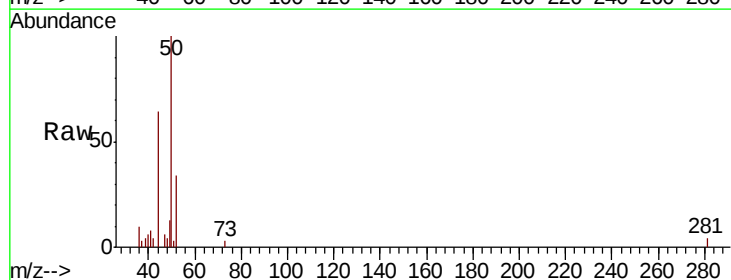
Acq: 27 Aug 2020 4:43

Tgt Ion: 50 Resp: 7926

Ion Ratio Lower Upper

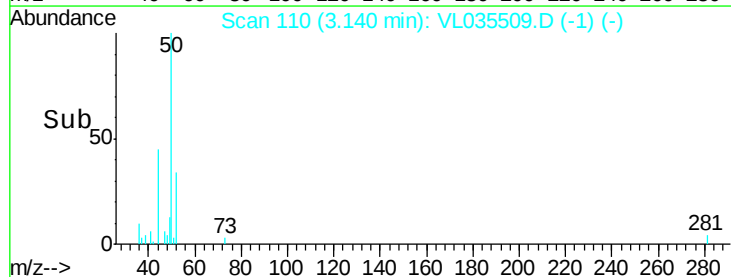
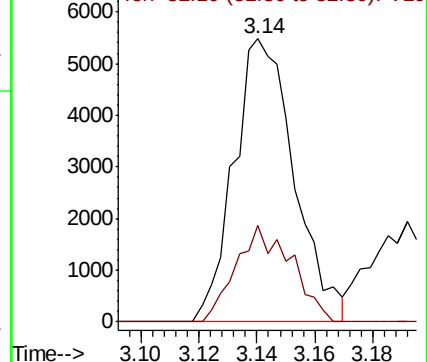
50 100

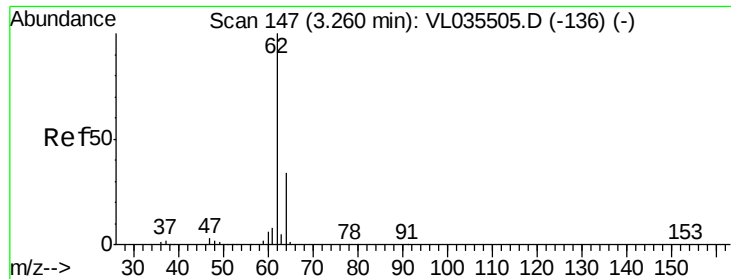
52 34.2 27.7 41.5



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.101 ppbv

RT: 3.26 min Scan# 148

Delta R.T. 0.00 min

Lab File: VL035509.D

Acq: 27 Aug 2020 4:43

Instrument :

MSVOA_L

ClientSampleId :

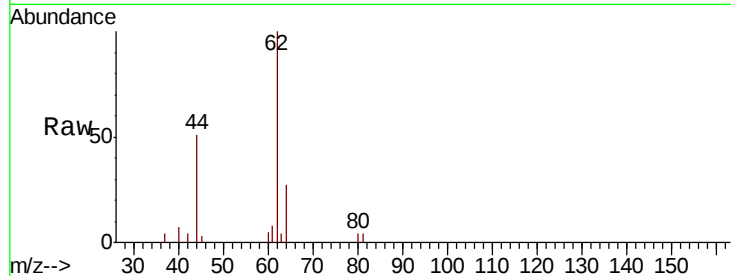
VSTDIC0.1

Tot Ion: 62 Resp: 7491

Ion Ratio Lower Upper

62 100

64 27.5 27.4 41.2



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0

3.26

6000

5000

4000

3000

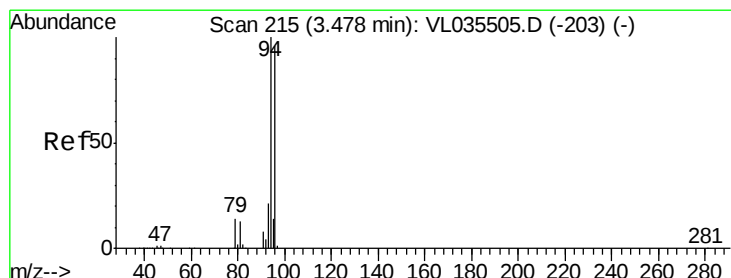
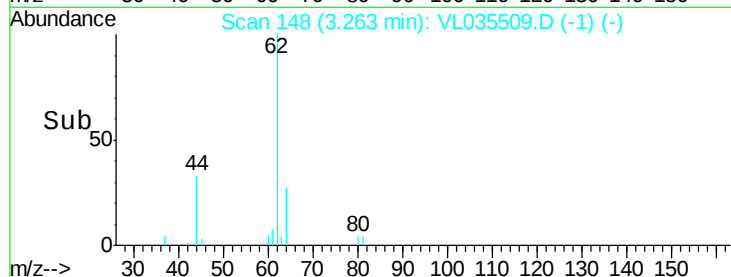
2000

1000

0

Time-->

3.22 3.24 3.26 3.28



#6

Bromomethane

Concen: 0.104 ppbv

RT: 3.47 min Scan# 214

Delta R.T. -0.00 min

Lab File: VL035509.D

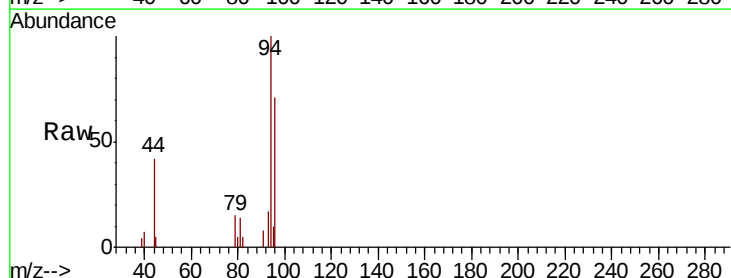
Acq: 27 Aug 2020 4:43

Tgt Ion: 94 Resp: 7037

Ion Ratio Lower Upper

94 100

96 71.2 77.1 115.7#



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

6000

5000

4000

3000

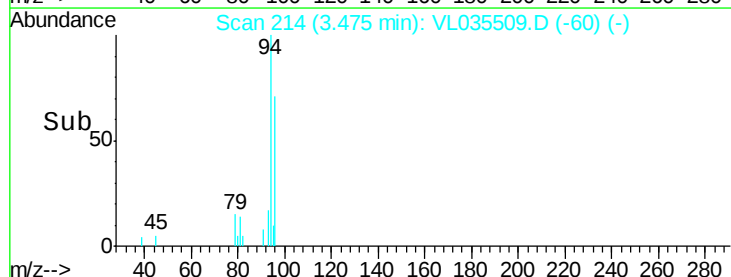
2000

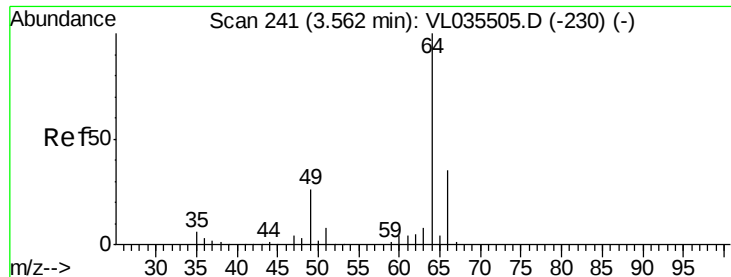
1000

0

Time-->

3.45 3.50





#7

Chloroethane

Concen: 0.096 ppbv

RT: 3.56 min Scan# 240

Delta R.T. -0.00 min

Lab File: VL035509.D

Acq: 27 Aug 2020 4:43

Instrument :

MSVOA_L

ClientSampleId :

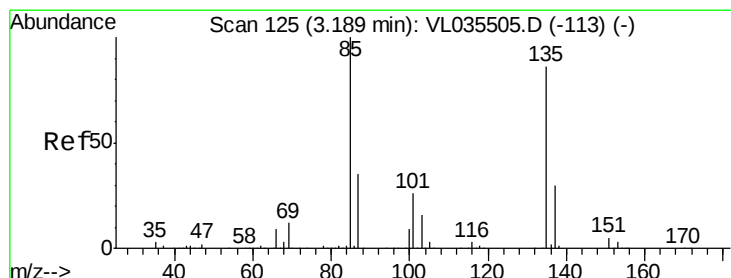
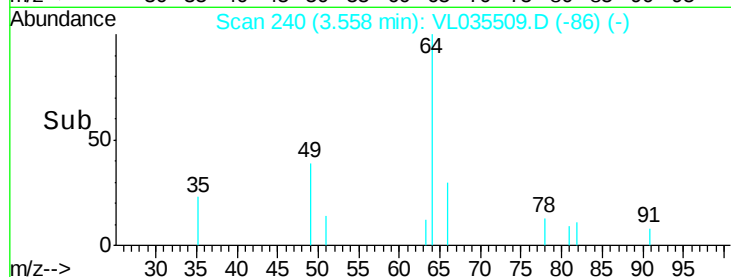
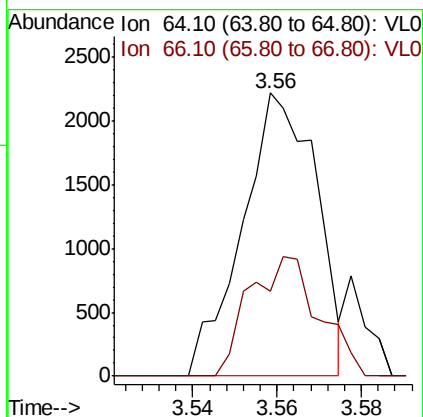
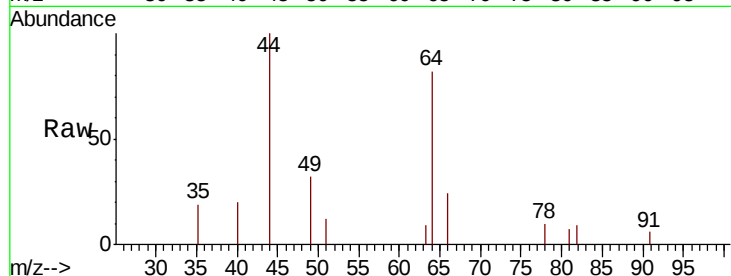
VSTDIC0.1

Tot Ion: 64 Resp: 2702

Ion Ratio Lower Upper

64 100

66 29.8 27.7 41.5



#8

Dichlorotetrafluoroethane

Concen: 0.108 ppbv

RT: 3.19 min Scan# 125

Delta R.T. -0.00 min

Lab File: VL035509.D

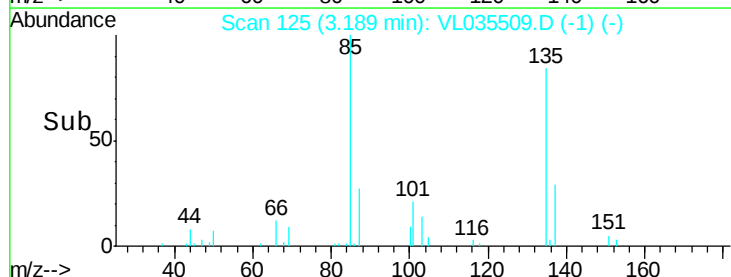
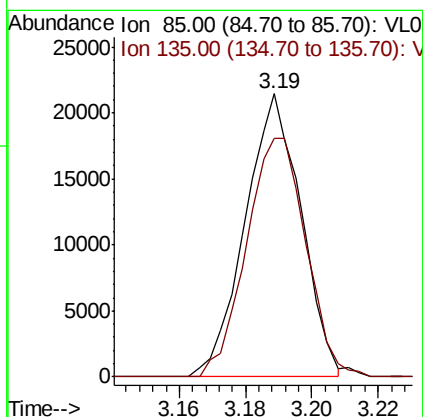
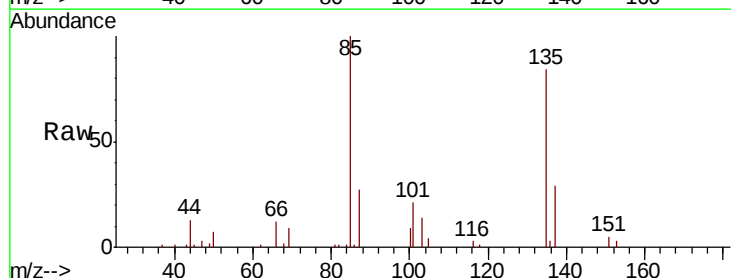
Acq: 27 Aug 2020 4:43

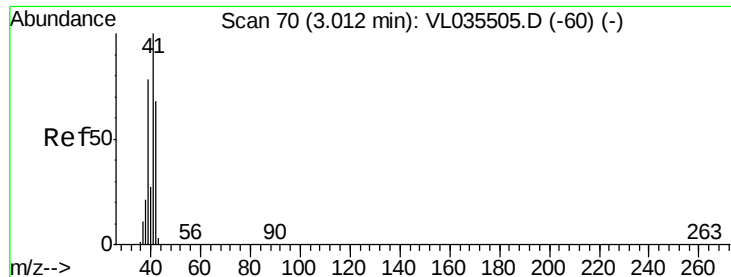
Tgt Ion: 85 Resp: 25132

Ion Ratio Lower Upper

85 100

135 89.7 70.4 105.6





#9

Propene

Concen: 0.151 ppbv

RT: 3.01 min Scan# 70

Delta R.T. -0.00 min

Lab File: VL035509.D

Acq: 27 Aug 2020 4:43

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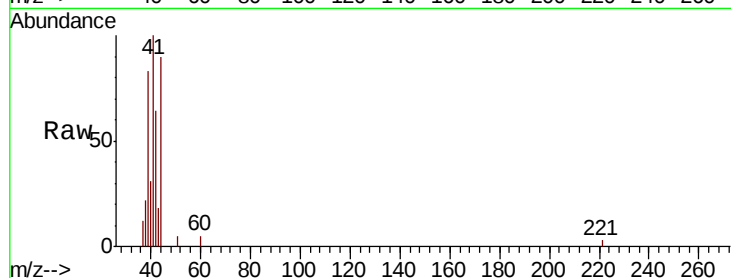
VSTDIC0.1

Tot Ion: 41 Resp: 7109

Ion Ratio Lower Upper

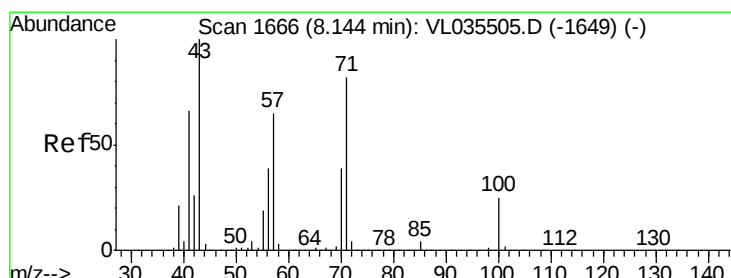
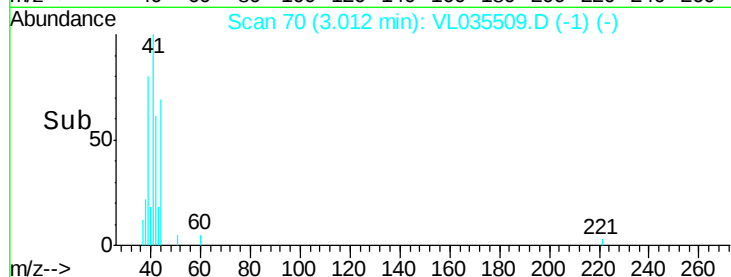
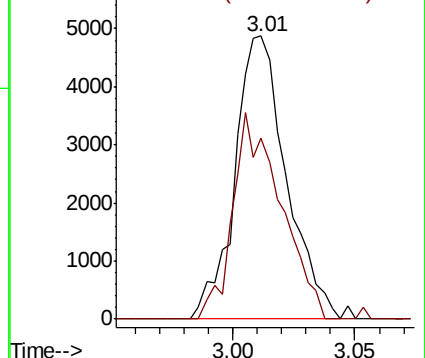
41 100

42 68.2 56.3 84.5



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



#10

Heptane

Concen: 0.046 ppbv

RT: 8.14 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VL035509.D

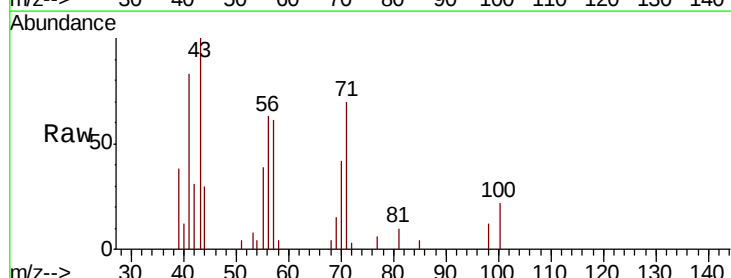
Acq: 27 Aug 2020 4:43

Tgt Ion: 43 Resp: 5807

Ion Ratio Lower Upper

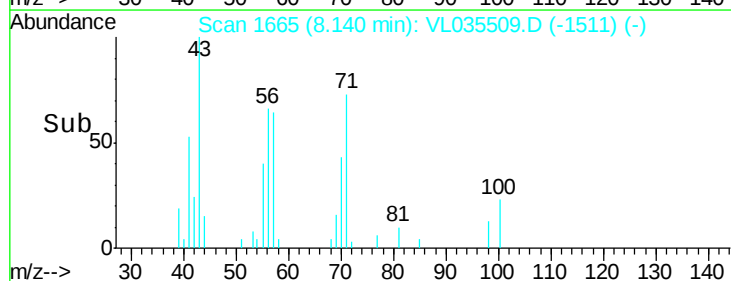
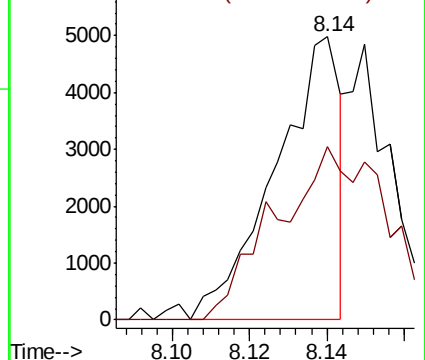
43 100

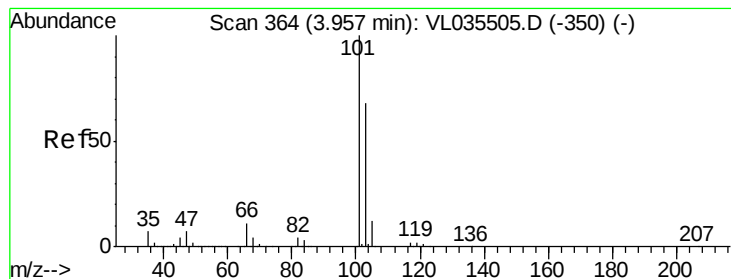
57 105.8 51.4 77.0#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#11

Trichlorofluoromethane

Concen: 0.104 ppbv

RT: 3.95 min Scan# 363

Delta R.T. -0.00 min

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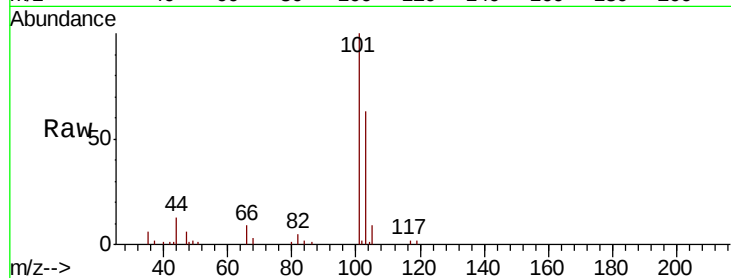
VSTDIC0.1

Tot Ion:101 Resp: 29316

Ion Ratio Lower Upper

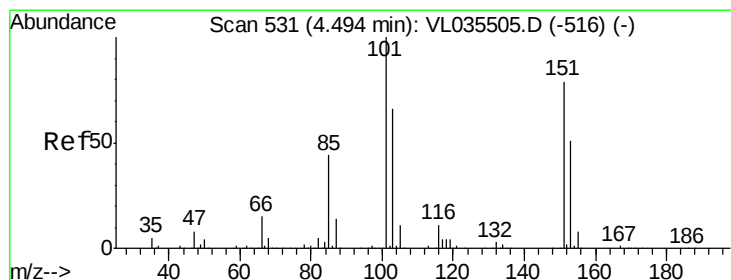
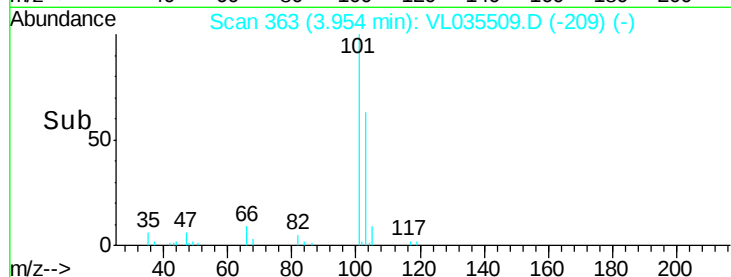
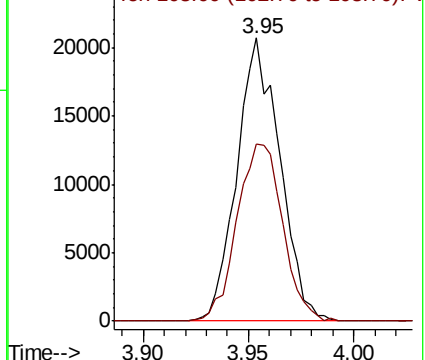
101 100

103 62.6 54.5 81.7



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: 0.103 ppbv

RT: 4.49 min Scan# 530

Delta R.T. -0.00 min

Lab File: VL035509.D

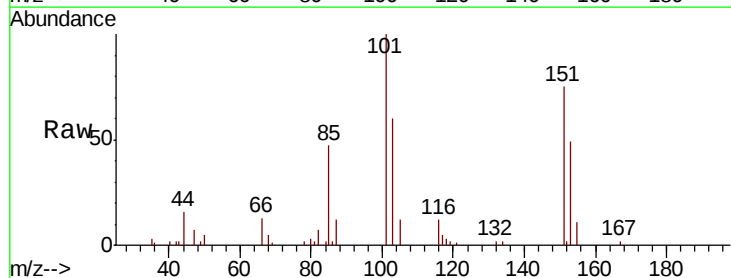
Acq: 27 Aug 2020 4:43

Tgt Ion:101 Resp: 21695

Ion Ratio Lower Upper

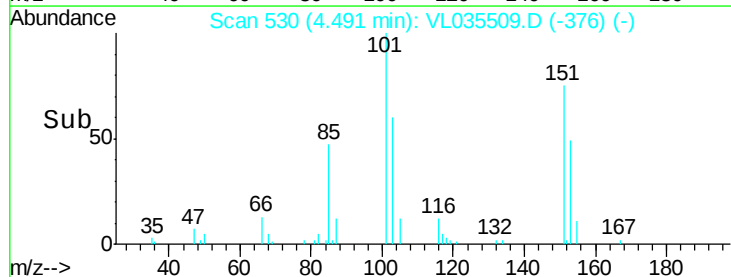
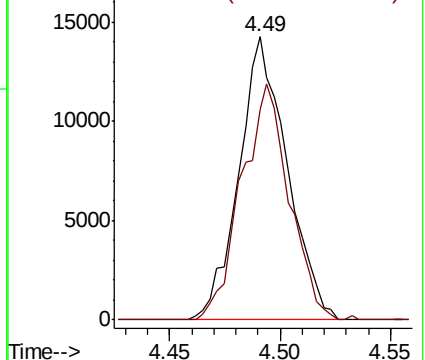
101 100

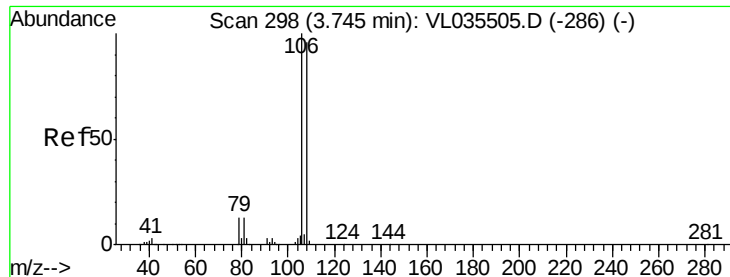
151 82.7 63.5 95.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





#14

Bromoethene

Concen: 0.099 ppbv

RT: 3.74 min Scan# 298

Delta R.T. -0.00 min

Lab File: VL035509.D

Acq: 27 Aug 2020 4:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

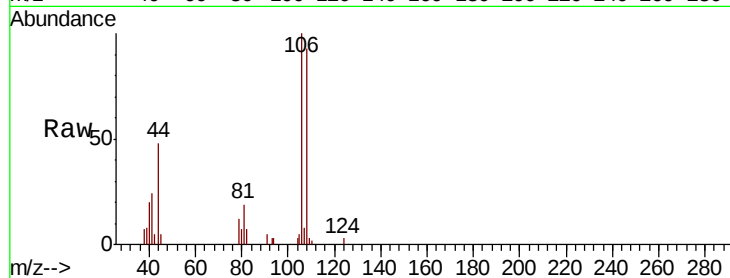
Tot Ion:108 Resp: 9039

Ion Ratio Lower Upper

108 100

106 106.6 84.9 127.3

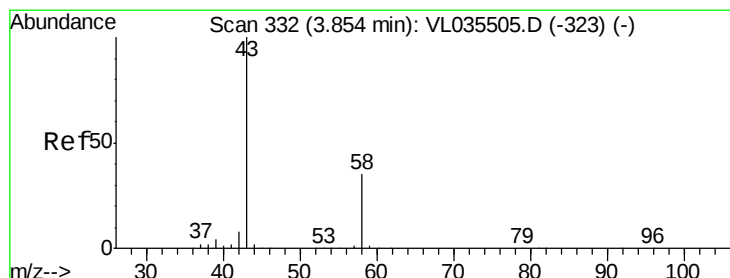
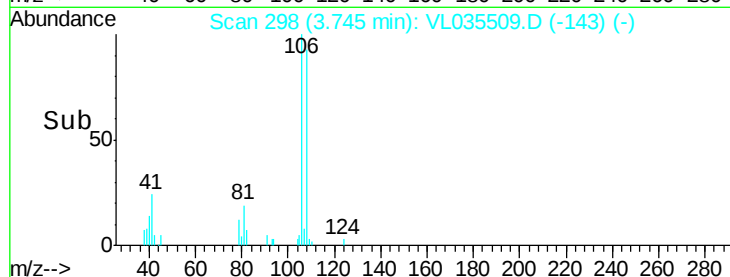
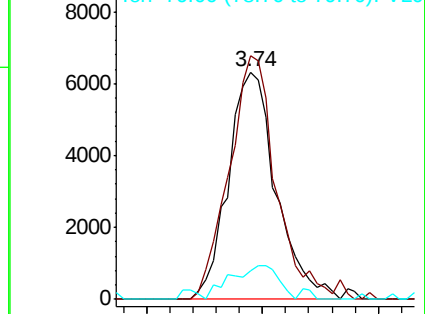
79 17.2 10.8 16.2#



Abundance Ion 108.00 (107.70 to 108.70): V

Ion 106.00 (105.70 to 106.70): V

Ion 79.00 (78.70 to 79.70): VL0



#15

Acetone

Concen: 0.196 ppbv

RT: 3.88 min Scan# 340

Delta R.T. 0.03 min

Lab File: VL035509.D

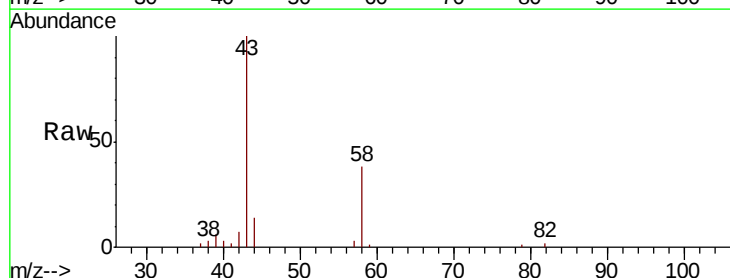
Acq: 27 Aug 2020 4:43

Tgt Ion: 43 Resp: 22431

Ion Ratio Lower Upper

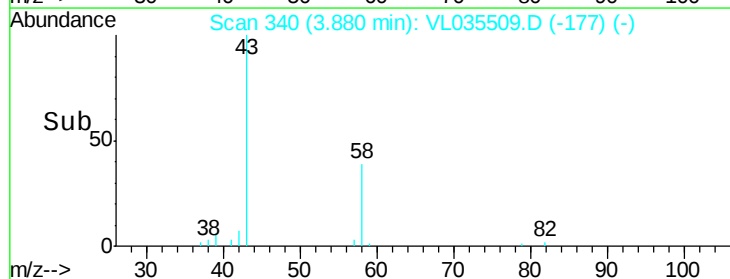
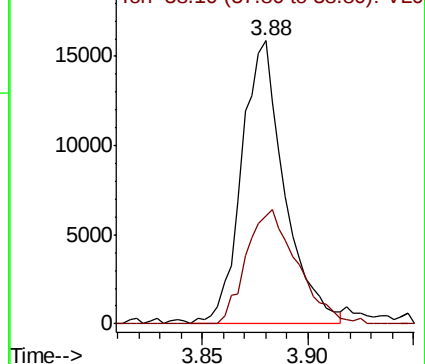
43 100

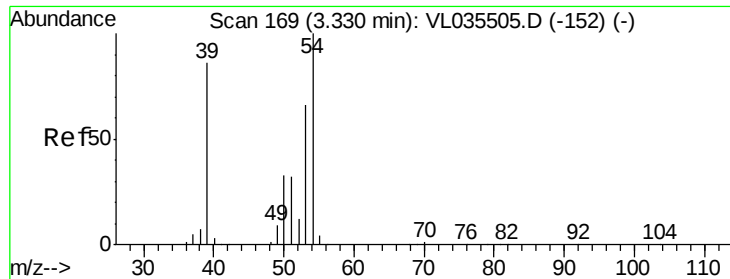
58 48.0 28.4 42.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

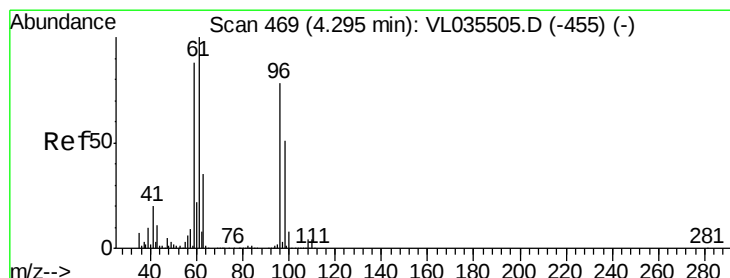
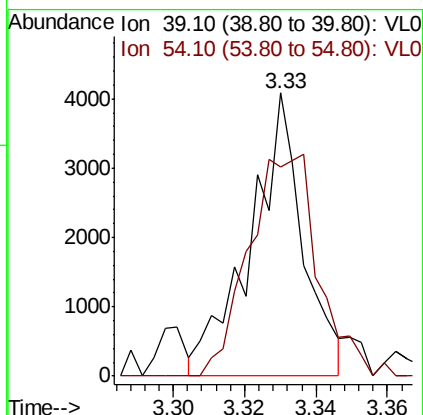
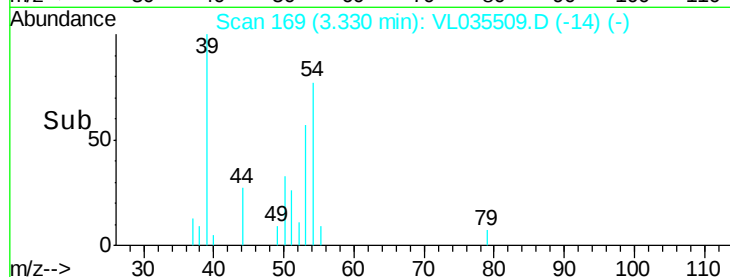
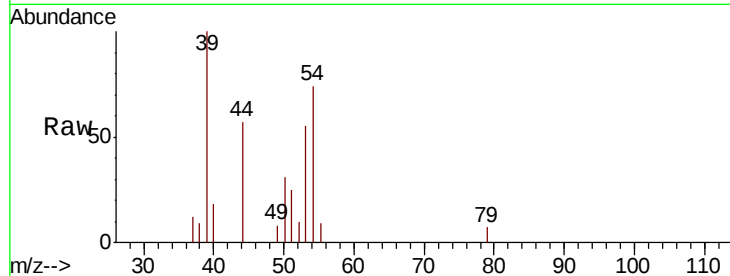




#16
 1,3-Butadiene
 Concen: 0.091 ppbv
 RT: 3.33 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VL035509.D
 Acq: 27 Aug 2020 4:43

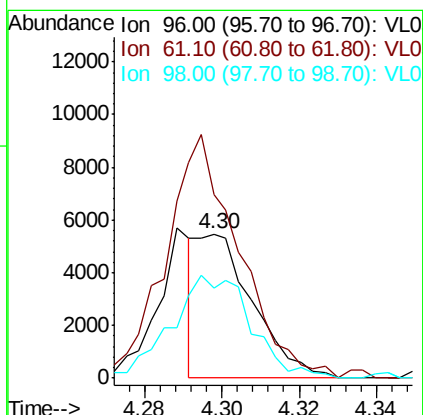
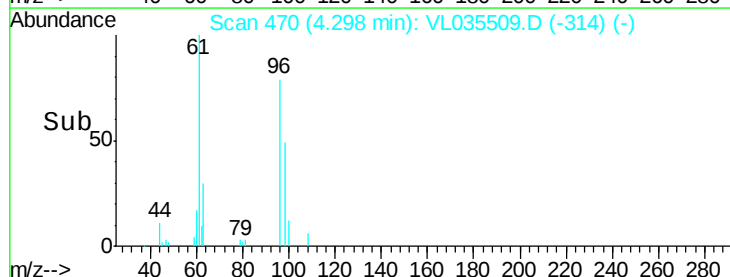
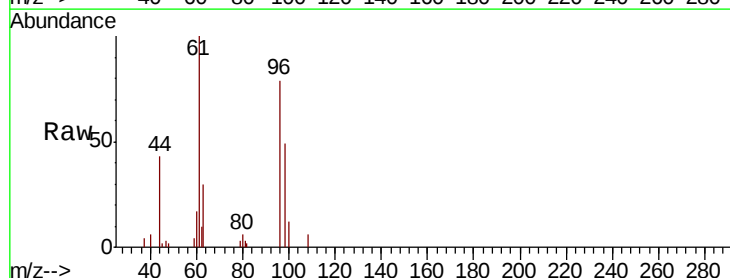
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

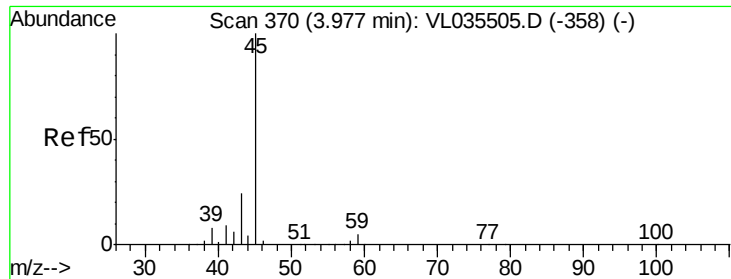
Tot Ion: 39 Resp: 4154
 Ion Ratio Lower Upper
 39 100
 54 104.0 88.4 132.6



#18
 1,1-Dichloroethene
 Concen: 0.058 ppbv
 RT: 4.30 min Scan# 470
 Delta R.T. 0.00 min
 Lab File: VL035509.D
 Acq: 27 Aug 2020 4:43

Tgt Ion: 96 Resp: 5433
 Ion Ratio Lower Upper
 96 100
 61 127.3 103.0 154.6
 98 62.4 52.8 79.2





#19

Isopropyl Alcohol

Concen: 0.101 ppbv

RT: 4.00 min Scan# 376

Delta R.T. 0.02 min

Lab File: VL035509.D

Acq: 27 Aug 2020 4:43

Instrument :

MSVOA_L

ClientSampleId :

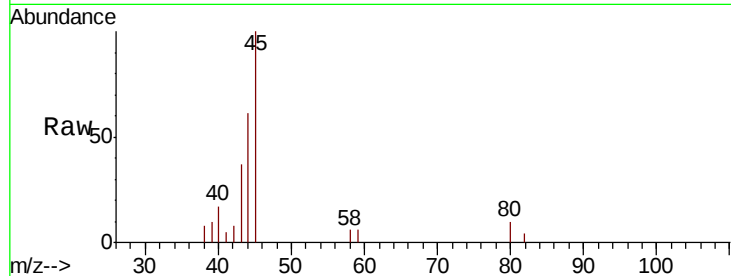
VSTDIC0.1

Tot Ion: 45 Resp: 7516

Ion Ratio Lower Upper

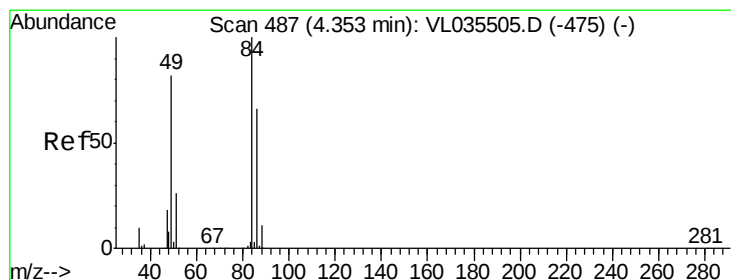
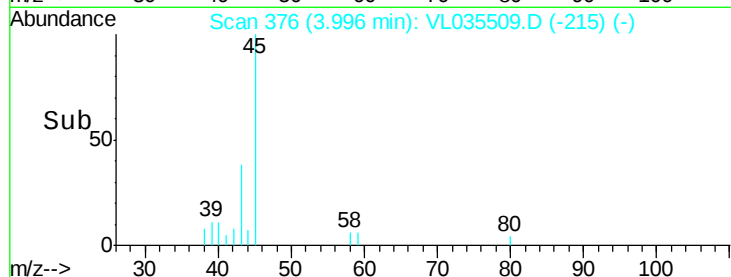
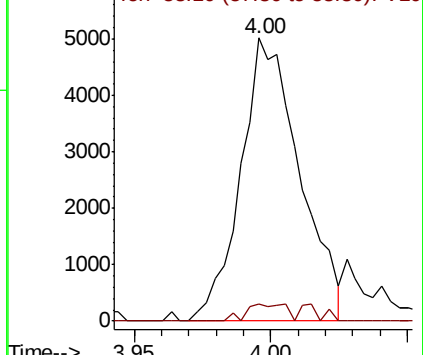
45 100

58 6.0 2.0 3.0#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 0.064 ppbv

RT: 4.35 min Scan# 485

Delta R.T. -0.01 min

Lab File: VL035509.D

Acq: 27 Aug 2020 4:43

Tgt Ion: 84 Resp: 7878

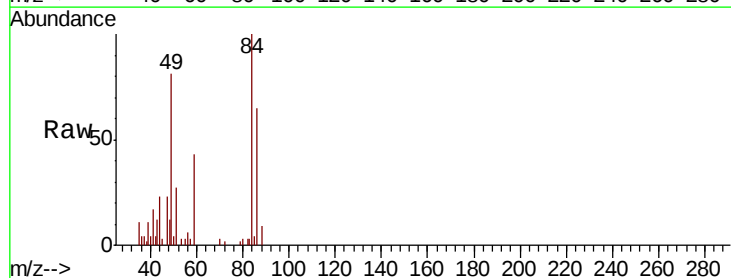
Ion Ratio Lower Upper

84 100

49 77.1 65.4 98.0

51 26.9 21.5 32.3

86 62.3 52.9 79.3

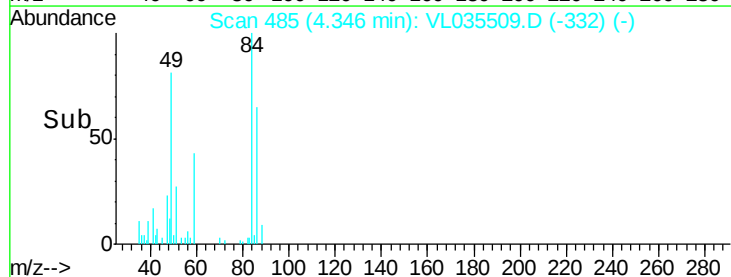
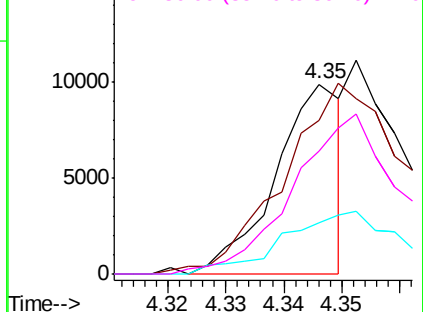


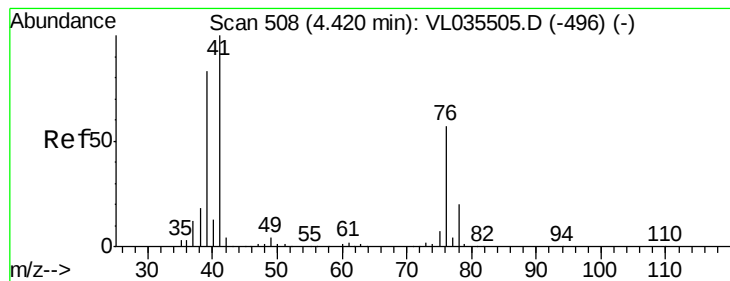
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0





#21

Allvl Chloride

Concen: 0.090 ppbv

RT: 4.42 min Scan# 507

Delta R.T. -0.00 min

Lab File: VL035509.D

Acq: 27 Aug 2020 4:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

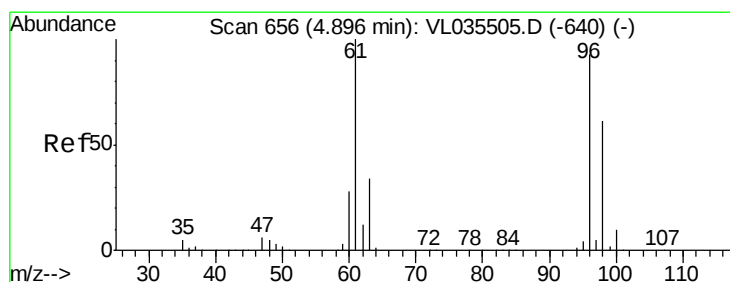
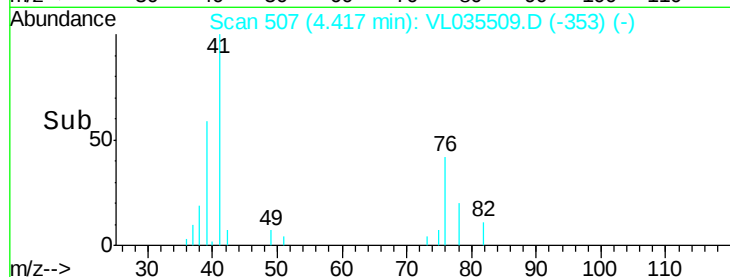
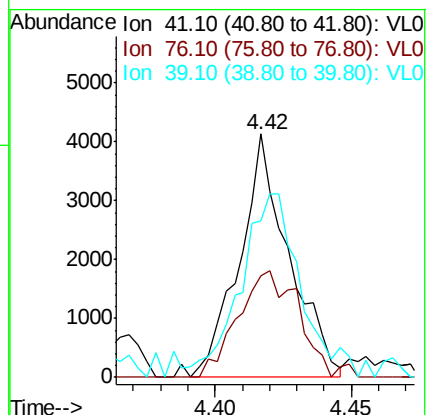
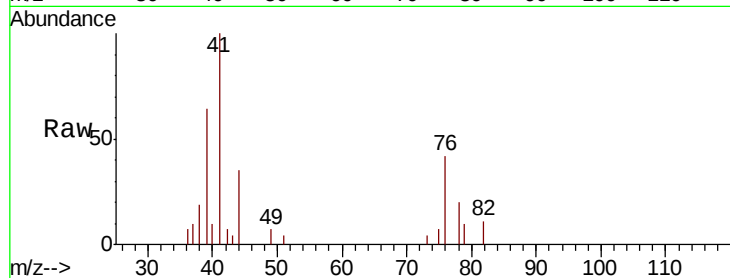
Tot Ion: 41 Resp: 5186

Ion Ratio Lower Upper

41 100

76 55.0 46.2 69.2

39 96.3 67.8 101.6



#22

trans-1,2-Dichloroethene

Concen: 0.105 ppbv

RT: 4.90 min Scan# 656

Delta R.T. -0.00 min

Lab File: VL035509.D

Acq: 27 Aug 2020 4:43

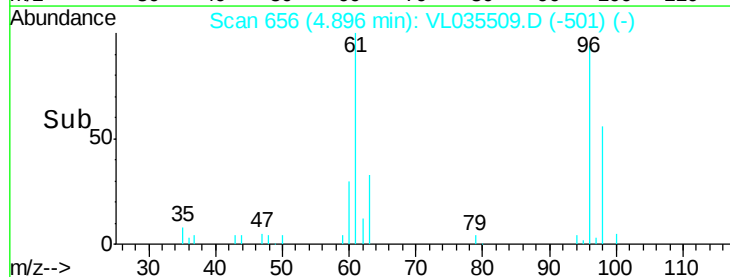
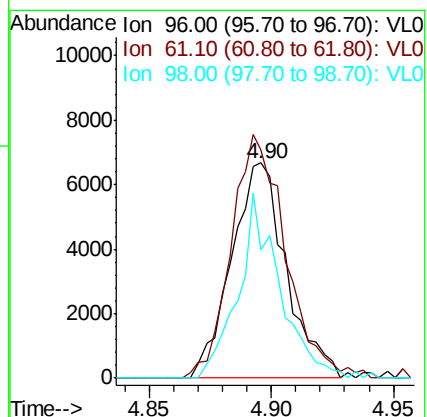
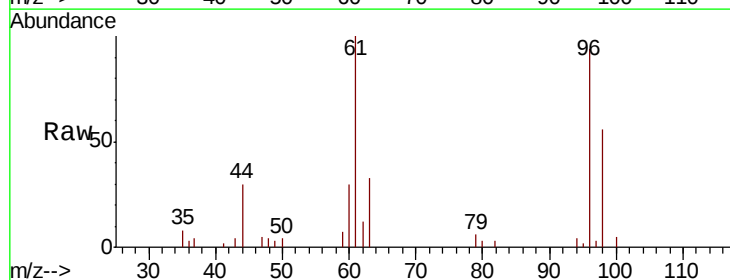
Tgt Ion: 96 Resp: 10364

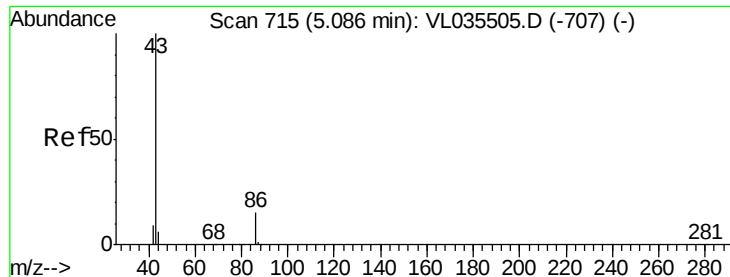
Ion Ratio Lower Upper

96 100

61 103.5 86.0 129.0

98 59.4 52.3 78.5





#23

Vinyl Acetate

Concen: 0.105 ppbv

RT: 5.09 min Scan# 717

Delta R.T. 0.01 min

Lab File: VL035509.D

Acq: 27 Aug 2020 4:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

Tot Ion: 43 Resp: 15894

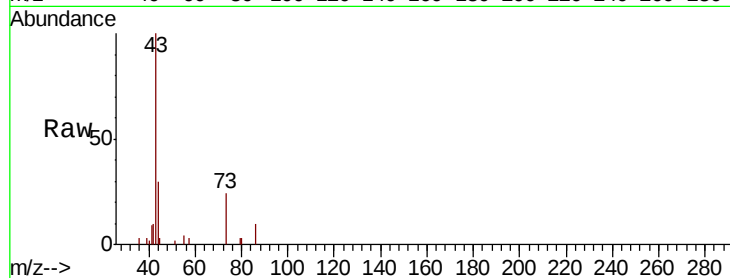
Ion Ratio Lower Upper

43 100

86 10.3 10.6 16.0#

42 10.3 7.5 11.3

44 18.2 4.4 6.6#

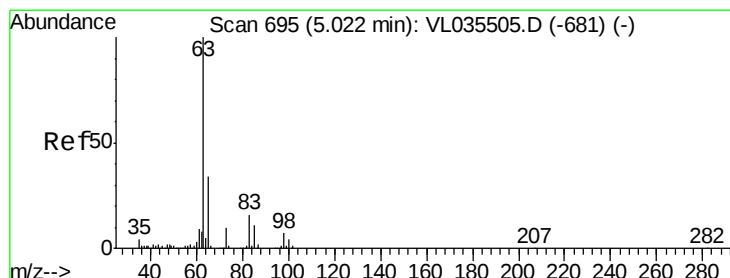
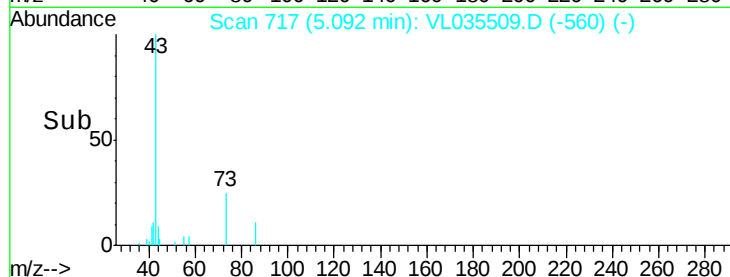
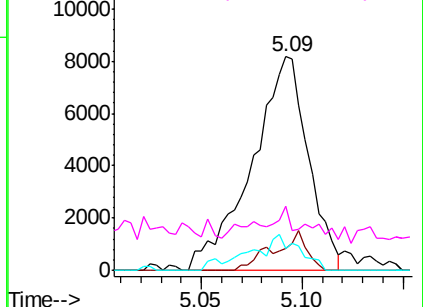


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 0.108 ppbv

RT: 5.02 min Scan# 695

Delta R.T. -0.00 min

Lab File: VL035509.D

Acq: 27 Aug 2020 4:43

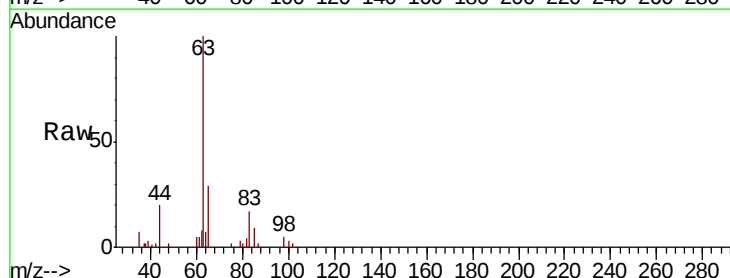
Tgt Ion: 63 Resp: 17045

Ion Ratio Lower Upper

63 100

98 4.9 3.4 10.1

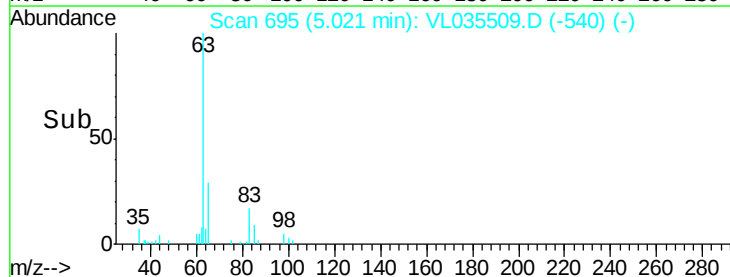
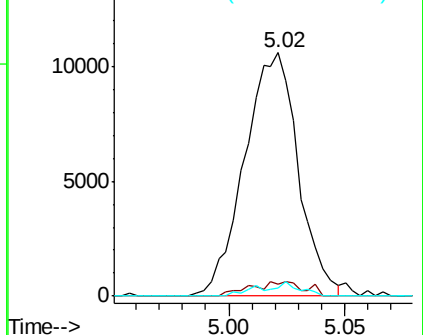
100 3.3 2.1 6.5

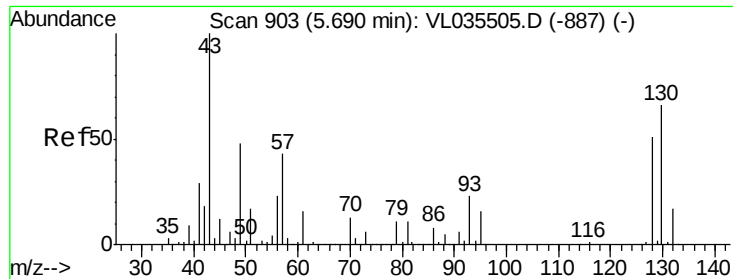


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0

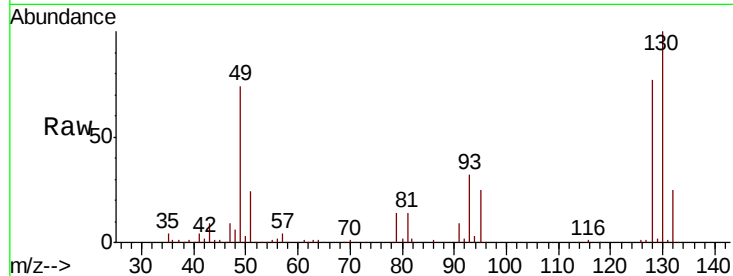




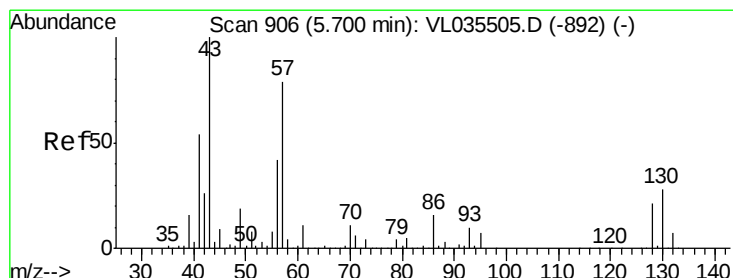
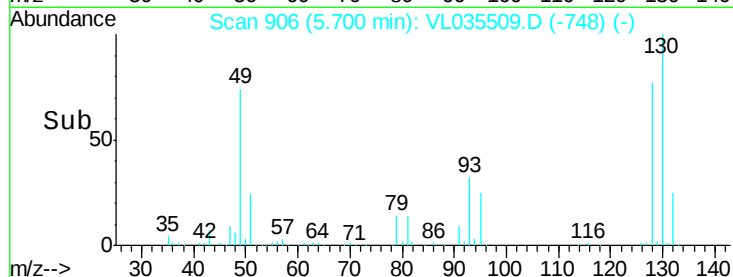
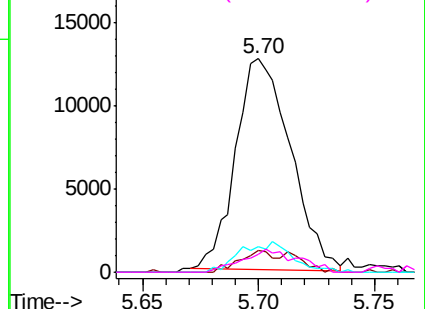
#25
Ethyl Acetate
Concen: 0.096 ppbv
RT: 5.70 min Scan# 906
Delta R.T. 0.01 min
Lab File: VL035509.D
Acq: 27 Aug 2020 4:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

Tot Ion:	43	Resp:	20925
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.4	12.6
61	13.8	10.6	16.0
70	10.9	9.4	14.2

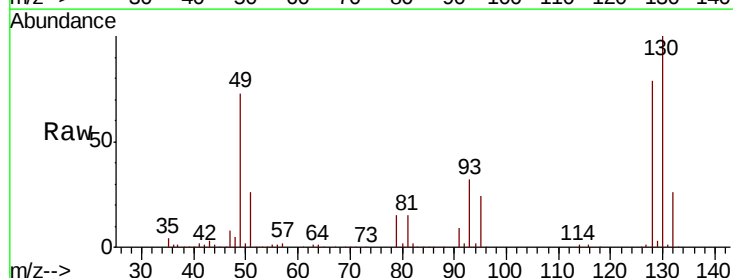


Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 45.10 (44.80 to 45.80): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 70.10 (69.80 to 70.80): VL0

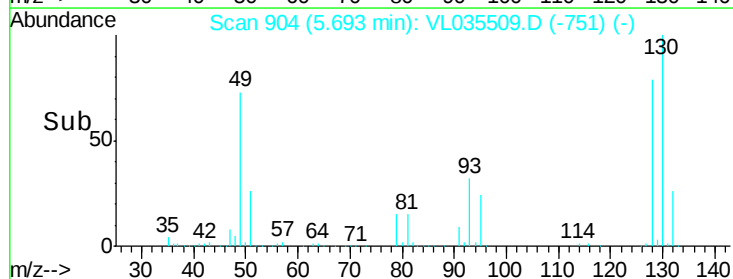
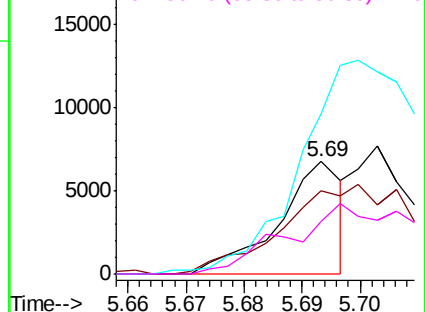


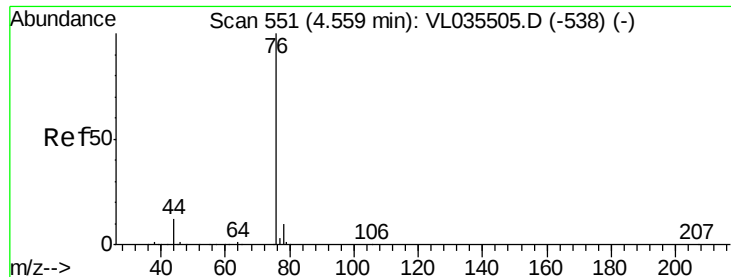
#26
Hexane
Concen: 0.039 ppbv
RT: 5.69 min Scan# 904
Delta R.T. -0.01 min
Lab File: VL035509.D
Acq: 27 Aug 2020 4:43

Tgt Ion:	57	Resp:	5193
Ion	Ratio	Lower	Upper
57	100		
41	0.0	55.9	83.9#
43	0.0	141.8	212.8#
56	0.0	41.8	62.8#



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: 0.045 ppbv

RT: 4.56 min Scan# 550

Delta R.T. -0.00 min

Lab File: VL035509.D

Acq: 27 Aug 2020 4:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

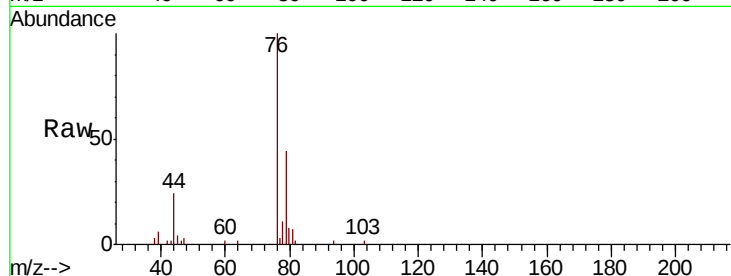
Tot Ion: 76 Resp: 7849

Ion Ratio Lower Upper

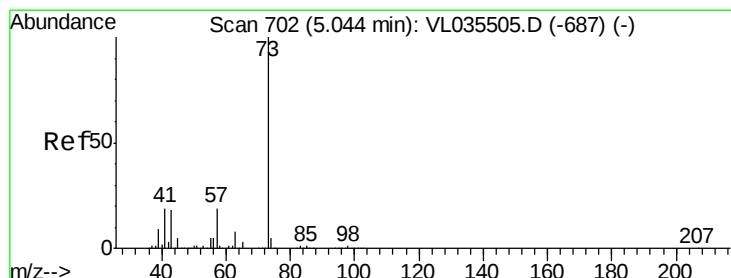
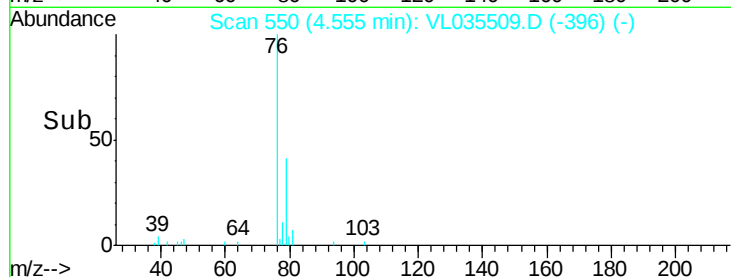
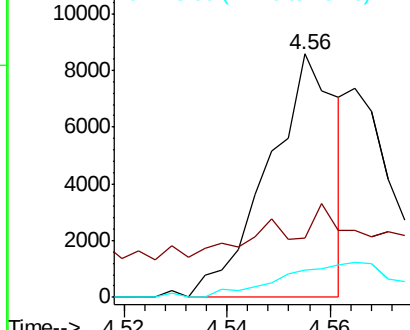
76 100

44 56.9 9.3 13.9#

78 0.0 7.8 11.6#



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: 0.089 ppbv

RT: 5.07 min Scan# 710

Delta R.T. 0.03 min

Lab File: VL035509.D

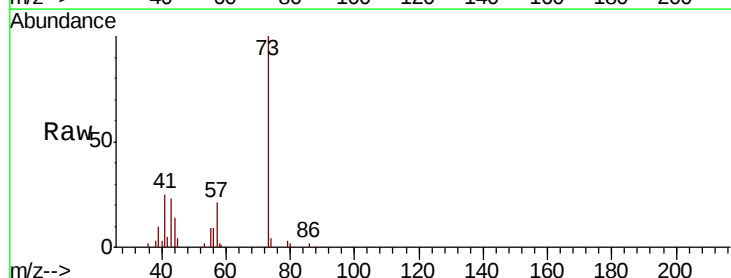
Acq: 27 Aug 2020 4:43

Tgt Ion: 73 Resp: 18975

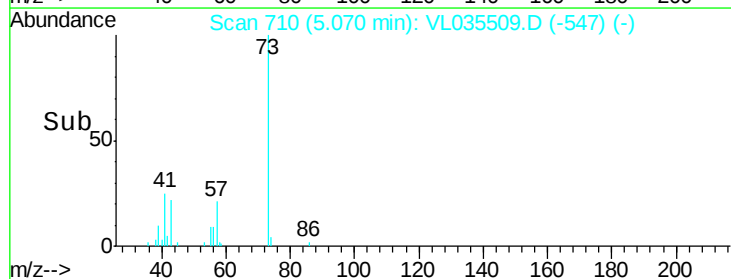
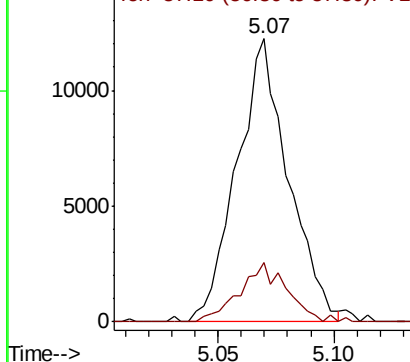
Ion Ratio Lower Upper

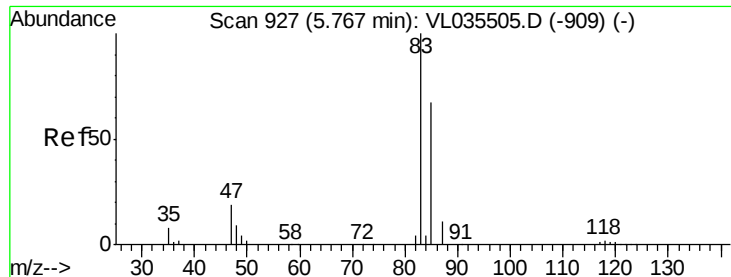
73 100

57 19.2 15.2 22.8



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

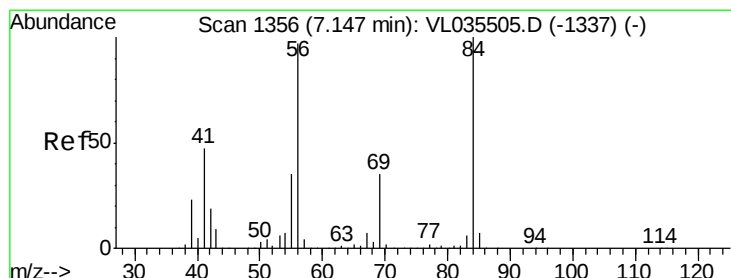
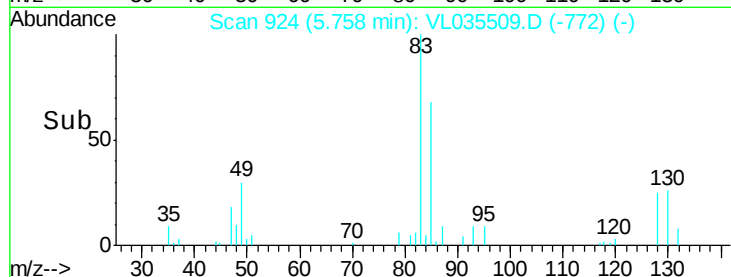
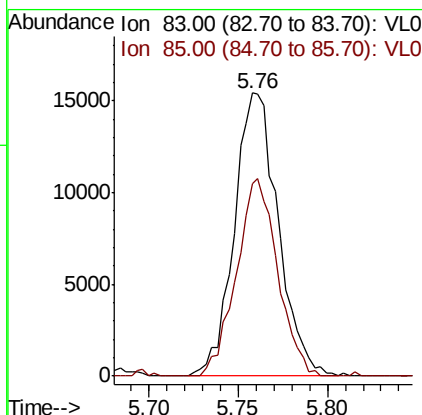
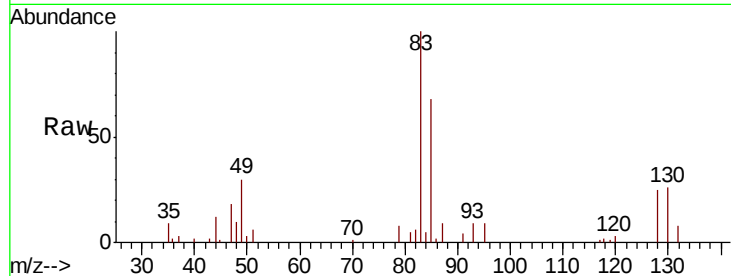




#29
Chloroform
Concen: 0.105 ppbv
RT: 5.76 min Scan# 924
Delta R.T. -0.01 min
Lab File: VL035509.D
Acq: 27 Aug 2020 4:43

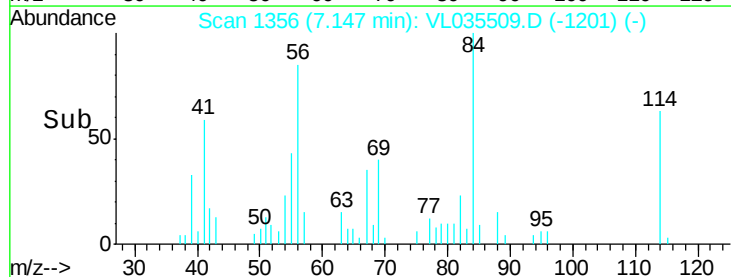
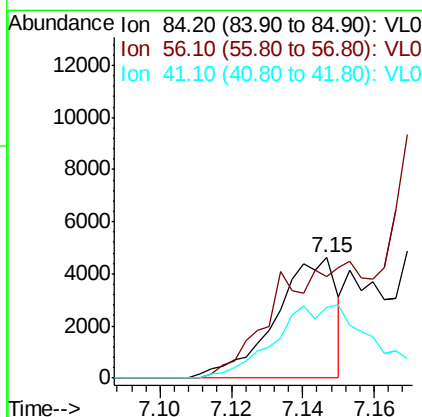
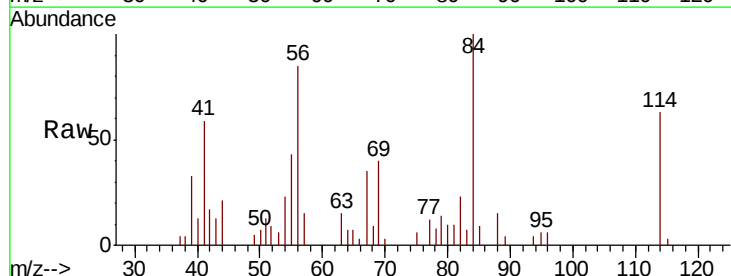
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

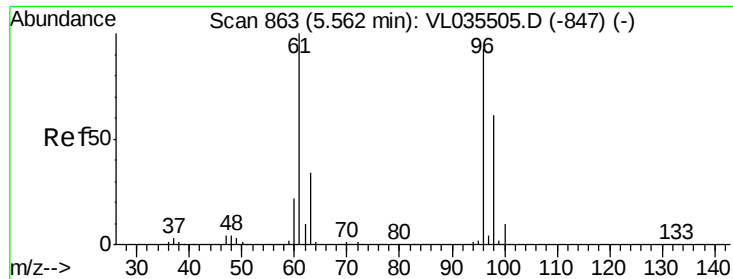
Tot Ion: 83 Resp: 26401
Ion Ratio Lower Upper
83 100
85 67.9 53.9 80.9



#30
Cyclohexane
Concen: 0.041 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.00 min
Lab File: VL035509.D
Acq: 27 Aug 2020 4:43

Tgt Ion: 84 Resp: 5466
Ion Ratio Lower Upper
84 100
56 0.0 80.1 120.1#
41 0.0 38.1 57.1#



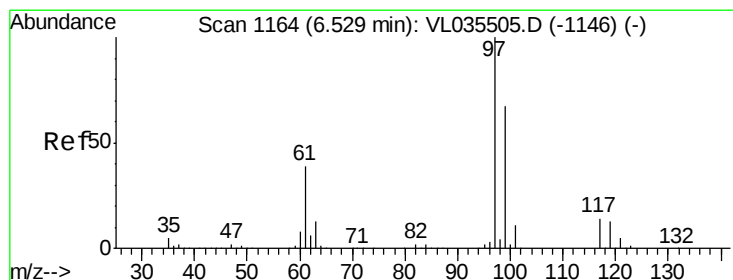
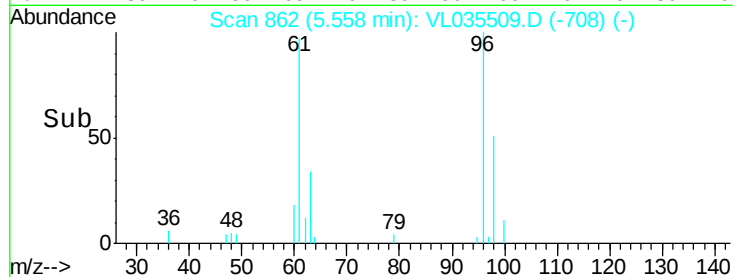
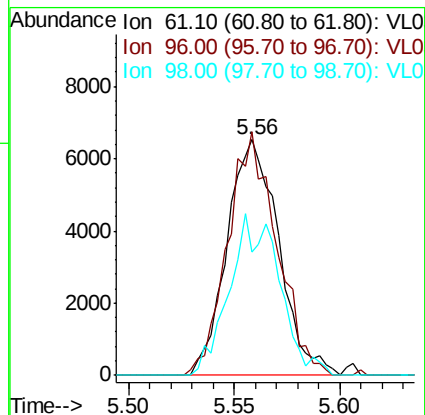
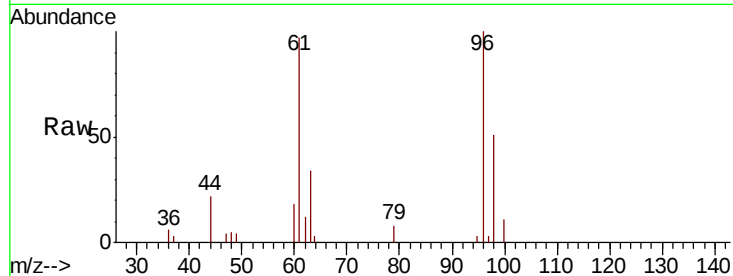


#31

cis-1,2-Dichloroethene
 Concen: 0.089 ppbv
 RT: 5.56 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VL035509.D
 Acq: 27 Aug 2020 4:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

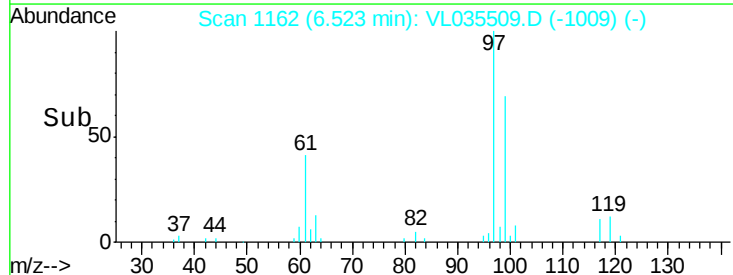
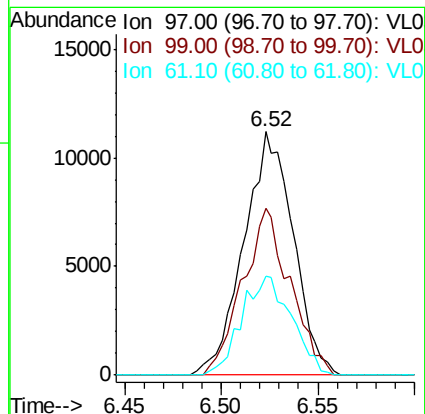
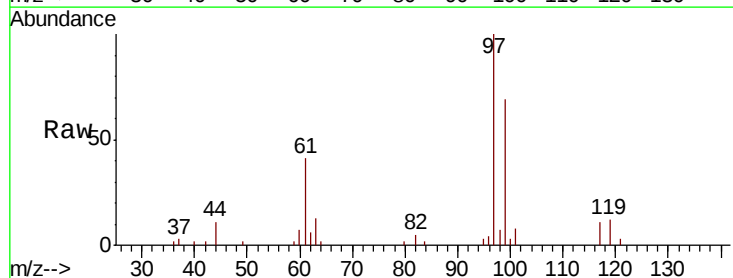
Tot Ion	Ratio	Lower	Upper
61	100		
96	103.3	74.4	111.6
98	52.5	49.2	73.8

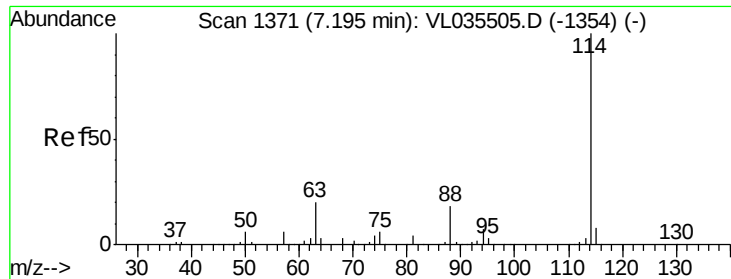


#32

1,1,1-Trichloroethane
 Concen: 0.087 ppbv
 RT: 6.52 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: VL035509.D
 Acq: 27 Aug 2020 4:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.1	53.3	79.9
61	41.0	30.6	46.0

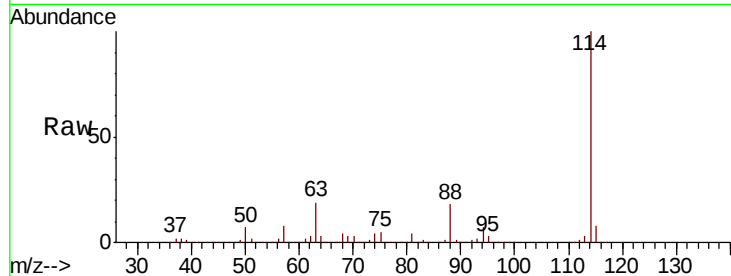




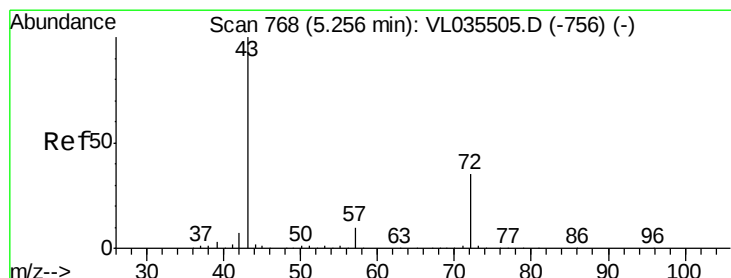
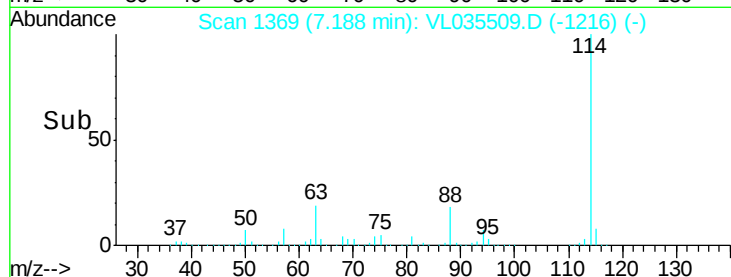
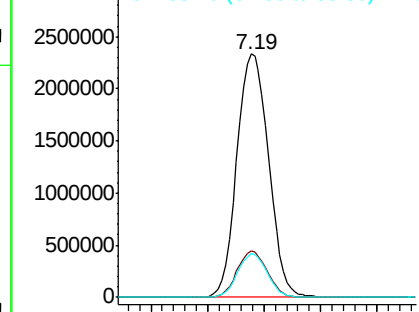
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. -0.01 min
 Lab File: VL035509.D
 Acq: 27 Aug 2020 4:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

Tot Ion:114 Resp: 4572331
 Ion Ratio Lower Upper
 114 100
 63 18.0 14.7 22.1
 88 16.8 13.4 20.2

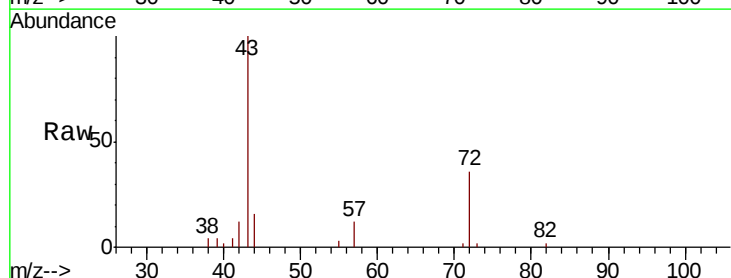


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

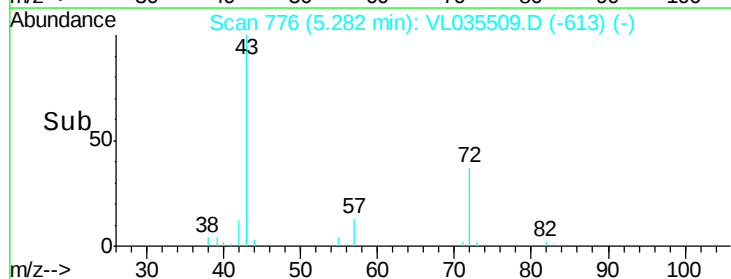
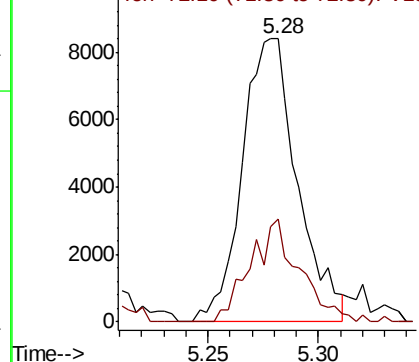


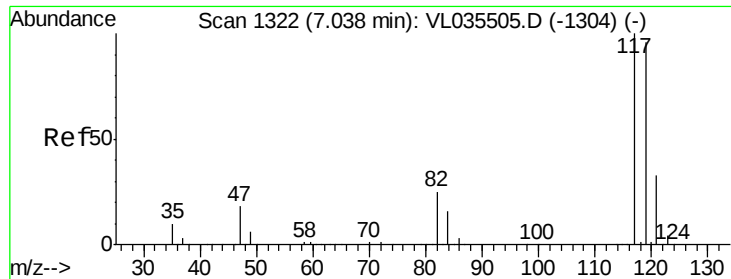
#34
 2-Butanone
 Concen: 0.108 ppbv
 RT: 5.28 min Scan# 776
 Delta R.T. 0.03 min
 Lab File: VL035509.D
 Acq: 27 Aug 2020 4:43

Tgt Ion: 43 Resp: 14608
 Ion Ratio Lower Upper
 43 100
 72 32.5 27.7 41.5



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





#35

Carbon Tetrachloride

Concen: 0.059 ppbv

RT: 7.03 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VL035509.D

Acq: 27 Aug 2020 4:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

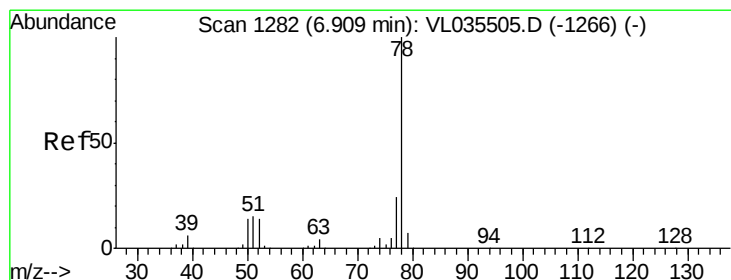
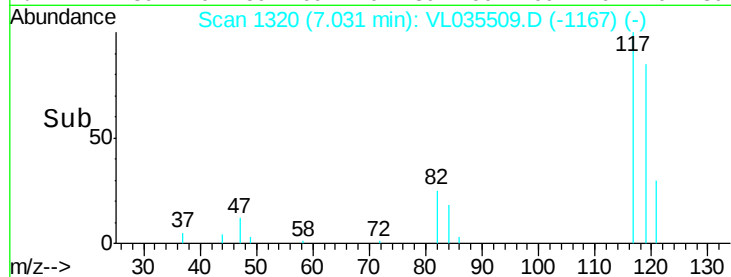
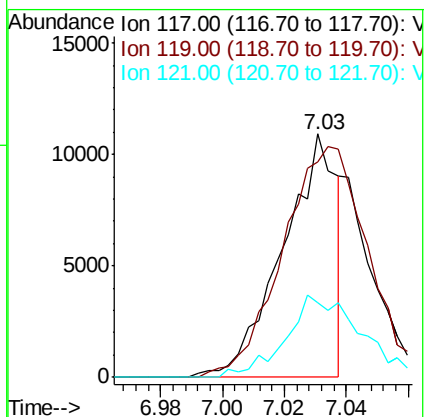
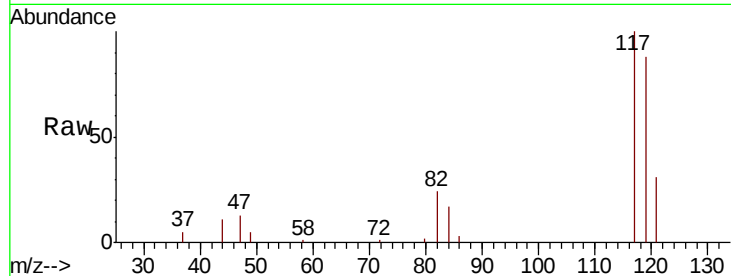
Tot Ion:117 Resp: 13228

Ion Ratio Lower Upper

117 100

119 88.3 77.2 115.8

121 30.8 26.1 39.1



#36

Benzene

Concen: 0.094 ppbv

RT: 6.91 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VL035509.D

Acq: 27 Aug 2020 4:43

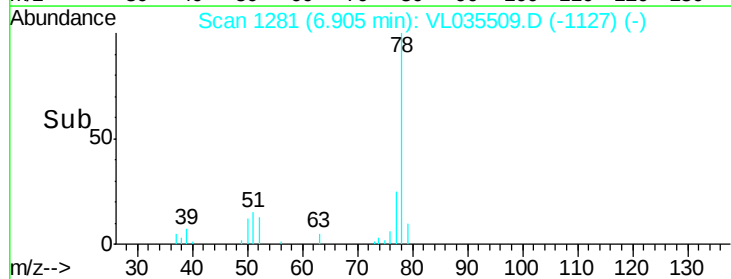
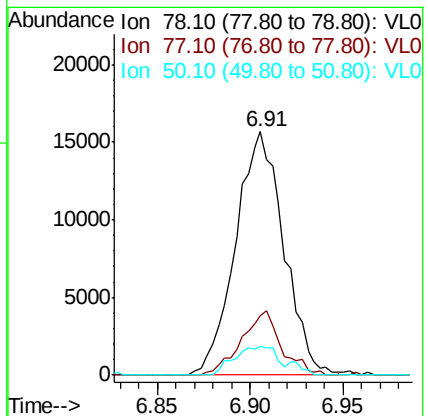
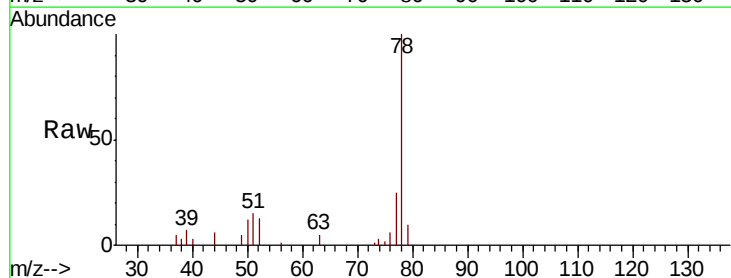
Tgt Ion: 78 Resp: 28292

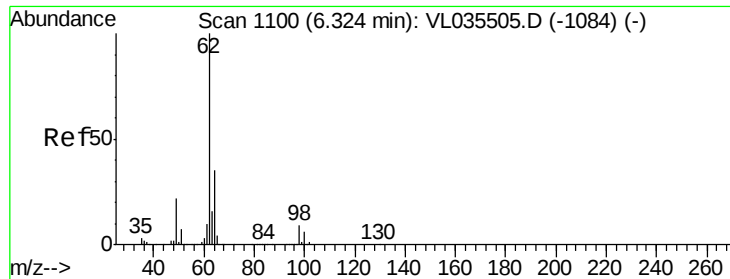
Ion Ratio Lower Upper

78 100

77 24.6 19.3 28.9

50 11.8 11.0 16.6

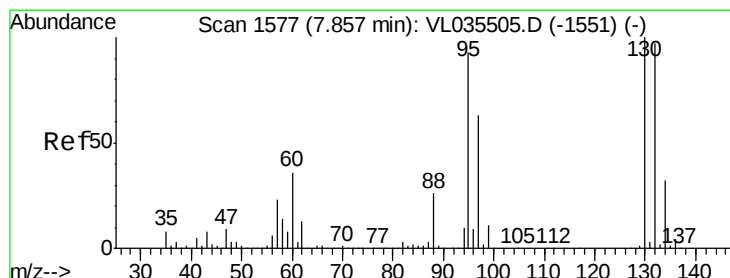
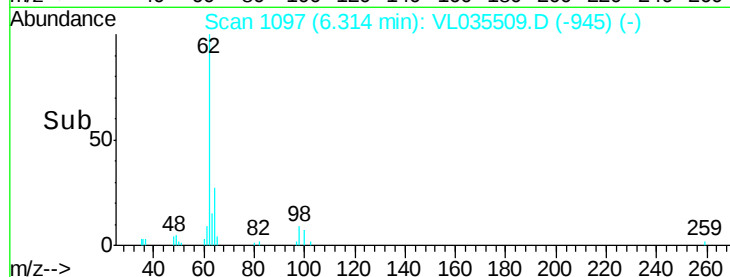
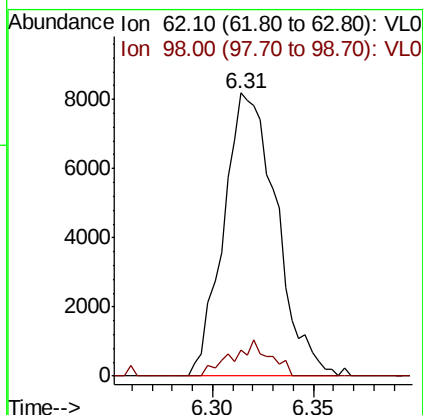
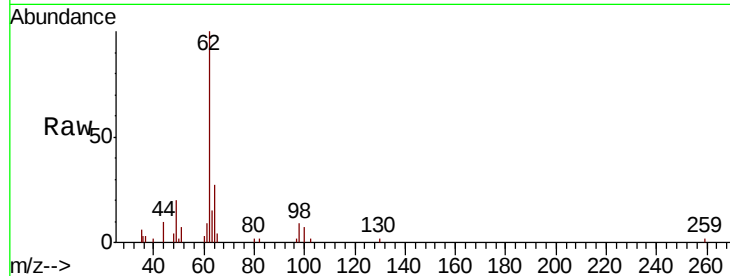




#37
 1,2-Dichloroethane
 Concen: 0.105 ppbv
 RT: 6.31 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: VL035509.D
 Acq: 27 Aug 2020 4:43

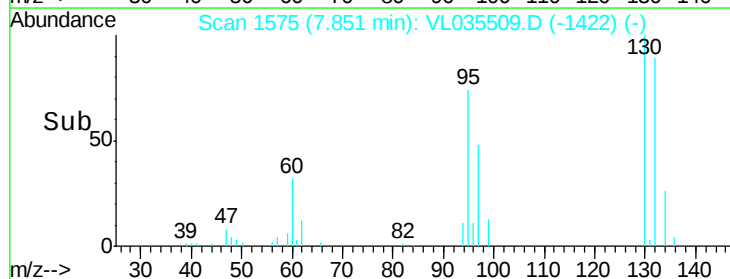
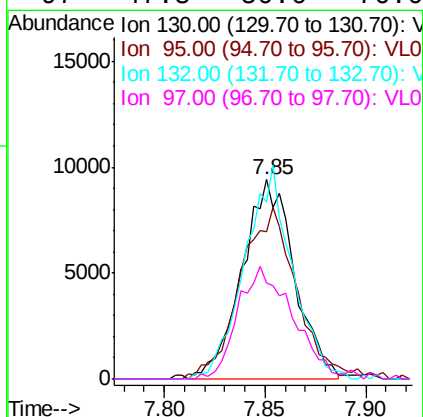
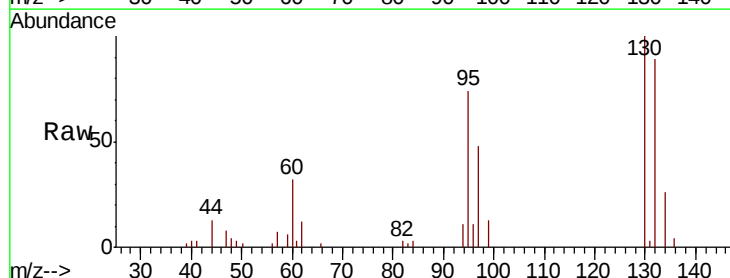
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

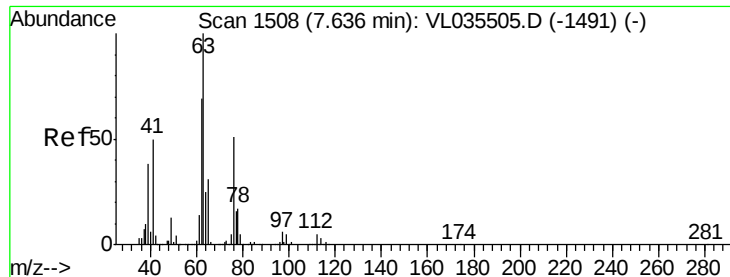
Tot Ion: 62 Resp: 14958
 Ion Ratio Lower Upper
 62 100
 98 9.1 7.4 11.0



#38
 Trichloroethene
 Concen: 0.103 ppbv
 RT: 7.85 min Scan# 1575
 Delta R.T. -0.01 min
 Lab File: VL035509.D
 Acq: 27 Aug 2020 4:43

Tgt Ion: 130 Resp: 17038
 Ion Ratio Lower Upper
 130 100
 95 71.5 74.6 112.0#
 132 88.7 77.6 116.4
 97 47.8 50.6 76.0#





#39

1,2-Dichloropropane

Concen: 8.163 ppbv

RT: 7.19 min Scan# 1369

Delta R.T. -0.45 min

Lab File: VL035509.D

Acq: 27 Aug 2020 4:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

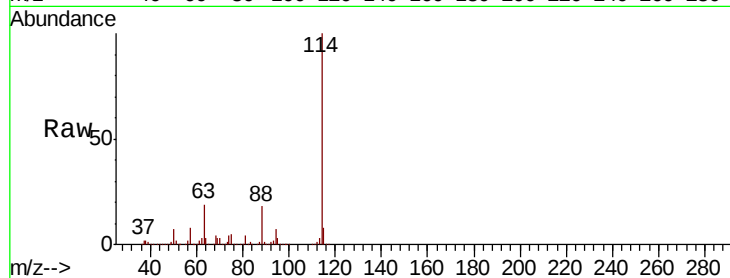
Tot Ion: 63 Resp: 822074

Ion Ratio Lower Upper

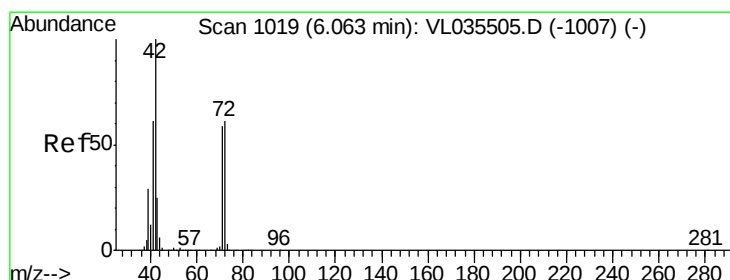
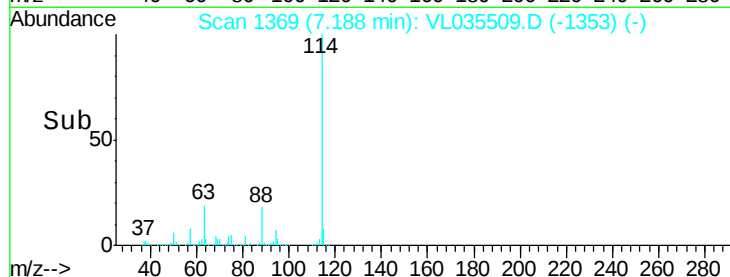
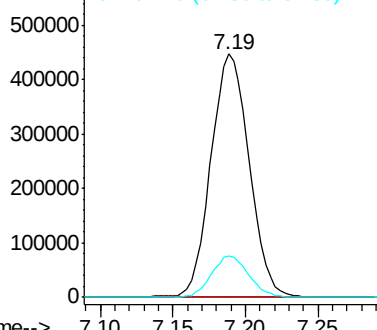
63 100

41 0.1 40.0 60.0#

62 16.8 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



#41

Tetrahydrofuran

Concen: 0.061 ppbv

RT: 6.11 min Scan# 1033

Delta R.T. 0.04 min

Lab File: VL035509.D

Acq: 27 Aug 2020 4:43

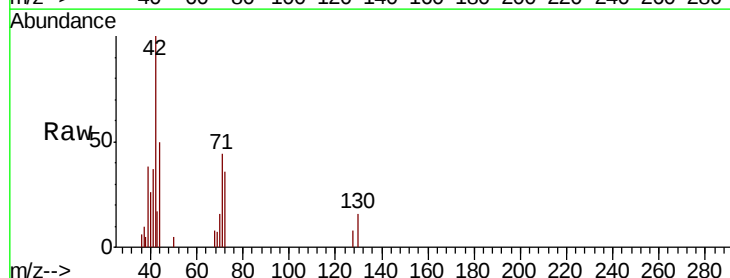
Tgt Ion: 42 Resp: 4461

Ion Ratio Lower Upper

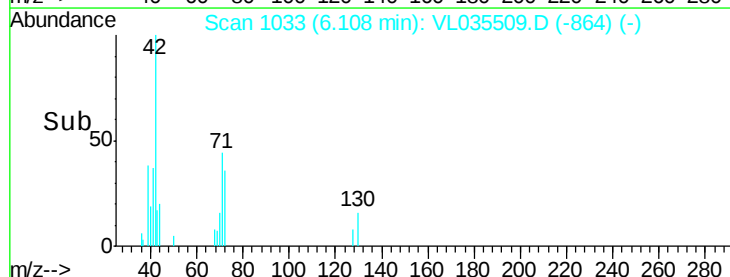
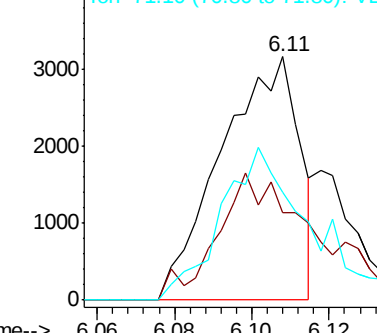
42 100

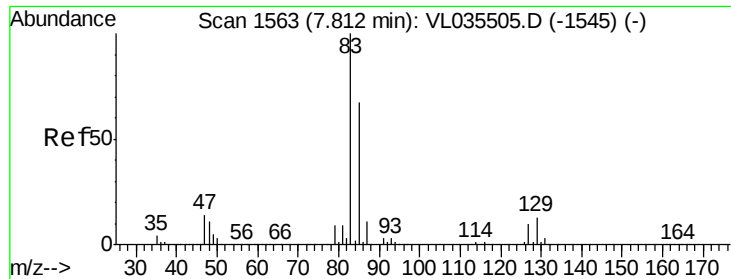
72 65.2 48.6 73.0

71 71.6 46.1 69.1#



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: 0.085 ppbv

RT: 7.81 min Scan# 1561

Delta R.T. -0.01 min

Lab File: VL035509.D

Acq: 27 Aug 2020 4:43

Instrument :

MSVOA_L

ClientSampled :

VSTDIC0.1

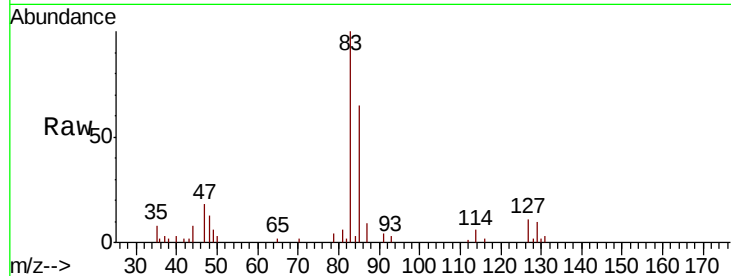
Tot Ion: 83 Resp: 19794

Ion Ratio Lower Upper

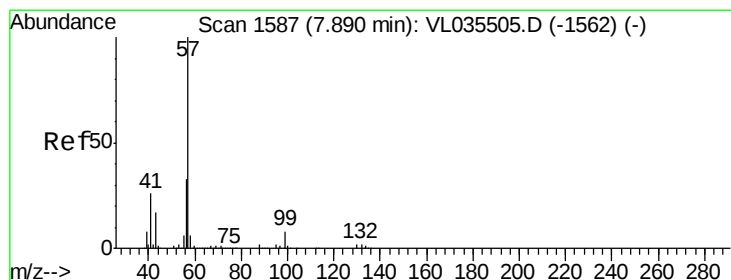
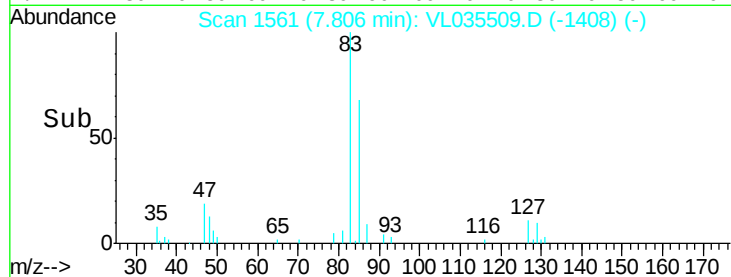
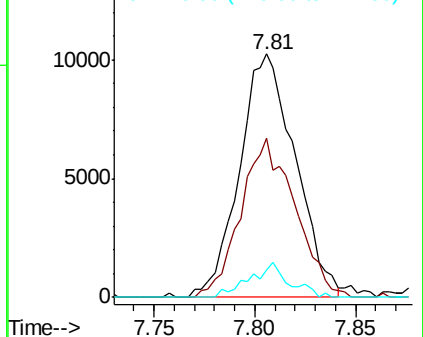
83 100

85 65.2 53.7 80.5

127 11.0 8.1 12.1



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): VL0



#44

2,2,4-Trimethylpentane

Concen: 0.080 ppbv

RT: 7.89 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VL035509.D

Acq: 27 Aug 2020 4:43

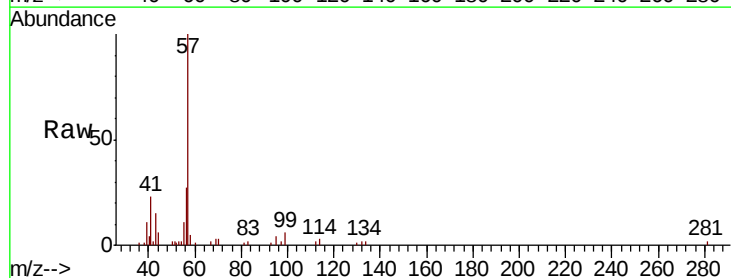
Tgt Ion: 57 Resp: 31440

Ion Ratio Lower Upper

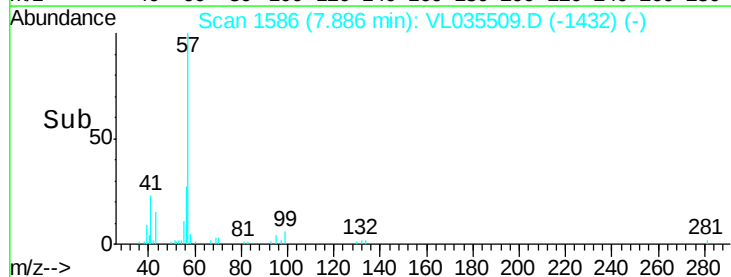
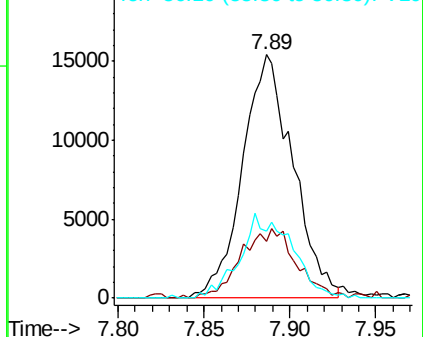
57 100

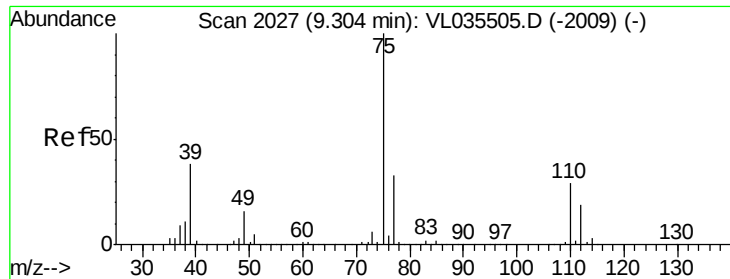
41 32.6 20.5 30.7#

56 35.5 25.3 37.9



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: 0.058 ppbv

RT: 9.30 min Scan# 2025

Delta R.T. -0.01 min

Lab File: VL035509.D

Acq: 27 Aug 2020 4:43

Instrument :

MSVOA_L

ClientSampleId :

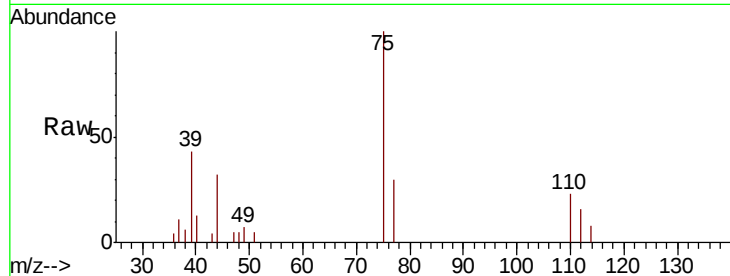
VSTDIC0.1

Tot Ion: 75 Resp: 6941

Ion Ratio Lower Upper

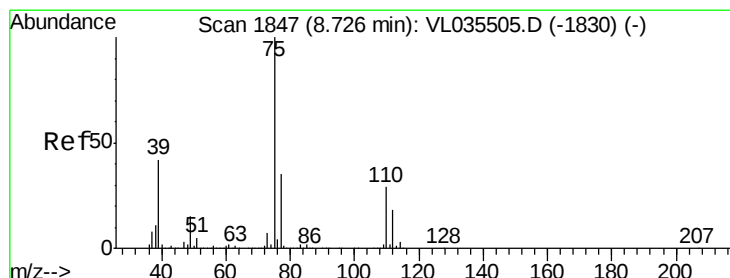
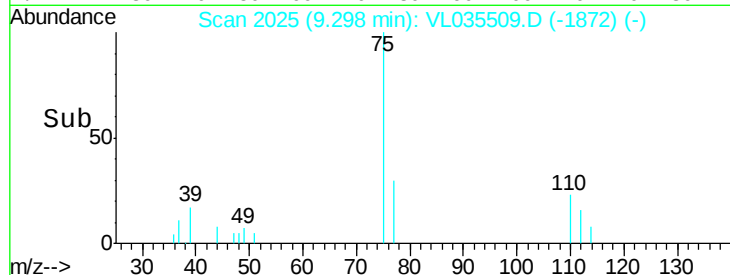
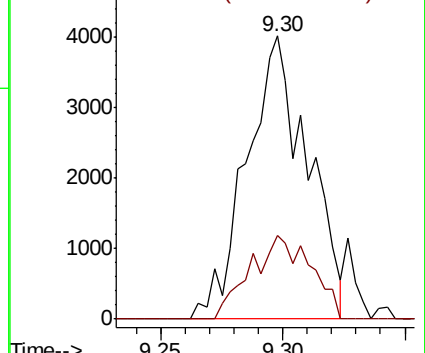
75 100

77 29.7 26.5 39.7



Abundance Ion 75.10 (74.80 to 75.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#46

cis-1,3-Dichloropropene

Concen: 0.038 ppbv

RT: 8.73 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VL035509.D

Acq: 27 Aug 2020 4:43

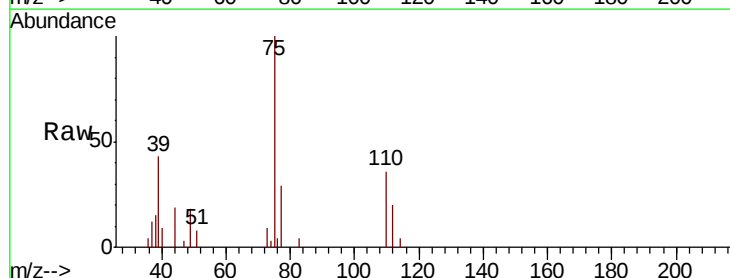
Tgt Ion: 75 Resp: 5657

Ion Ratio Lower Upper

75 100

39 27.1 33.7 50.5#

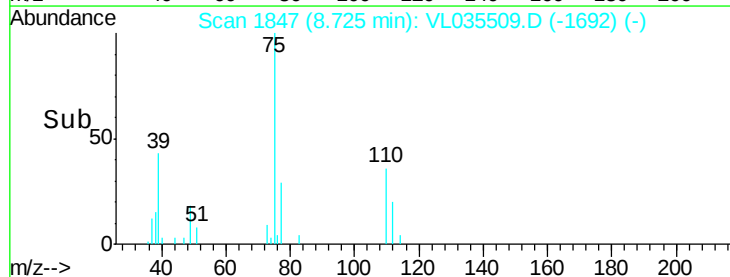
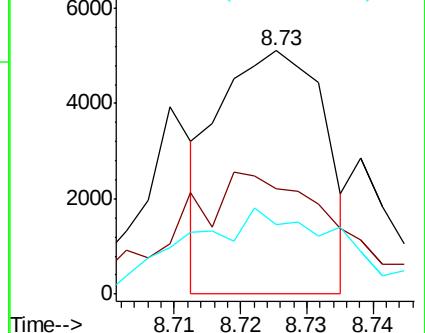
77 5.6 27.8 41.6#

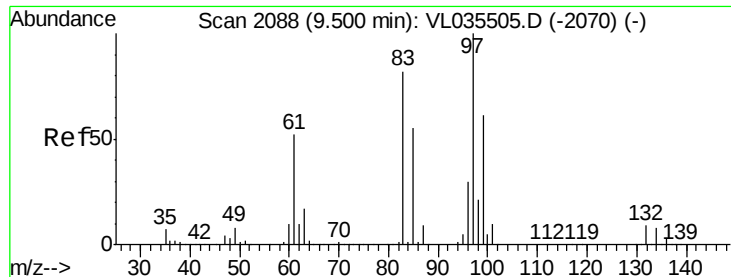


Abundance Ion 75.00 (74.70 to 75.70): VL0

Ion 39.00 (38.70 to 39.70): VL0

Ion 77.00 (76.70 to 77.70): VL0





#47

1,1,2-Trichloroethane

Concen: 0.070 ppbv

RT: 9.50 min Scan# 2087

Delta R.T. -0.00 min

Lab File: VL035509.D

Acq: 27 Aug 2020 4:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

Tot Ion: 97 Resp: 10570

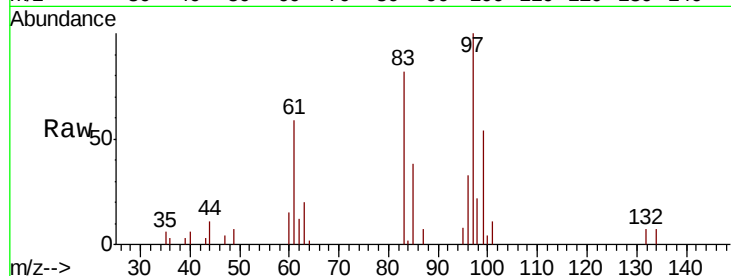
Ion Ratio Lower Upper

97 100

83 81.6 65.4 98.2

85 36.1 43.7 65.5#

99 54.4 49.1 73.7

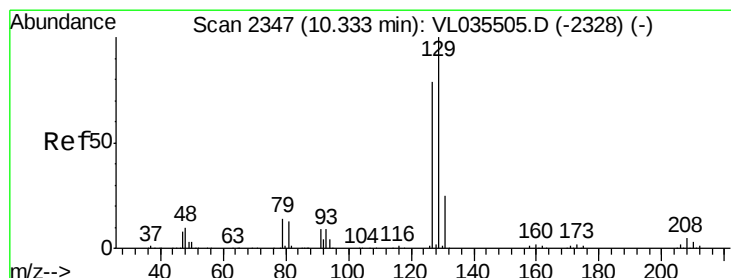
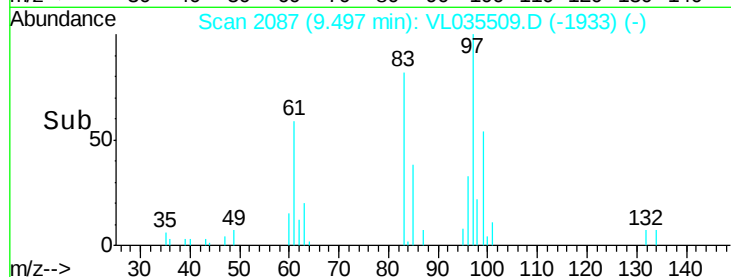
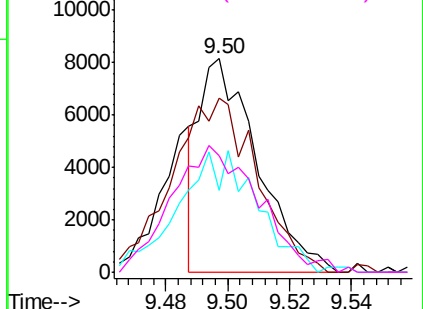


Abundance Ion 97.00 (96.70 to 97.70): VL0

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: 0.048 ppbv

RT: 10.32 min Scan# 2344

Delta R.T. -0.01 min

Lab File: VL035509.D

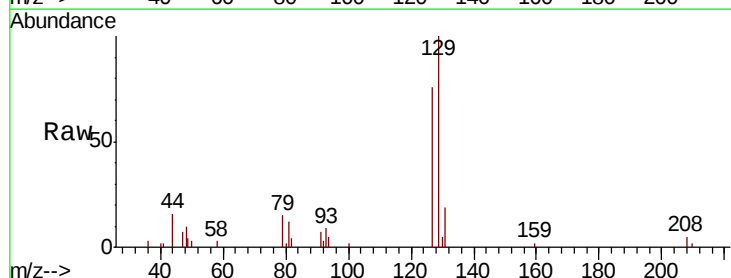
Acq: 27 Aug 2020 4:43

Tgt Ion: 129 Resp: 11567

Ion Ratio Lower Upper

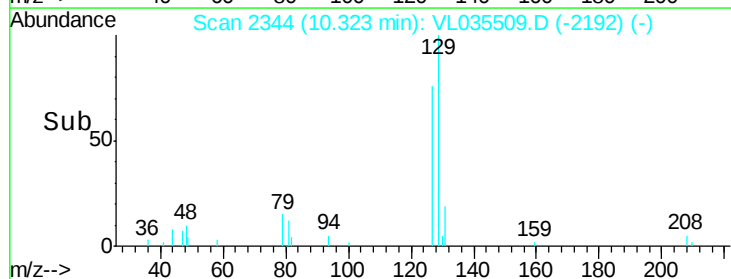
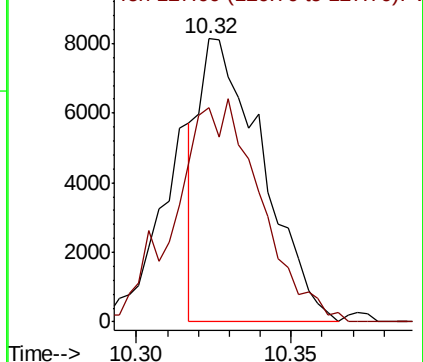
129 100

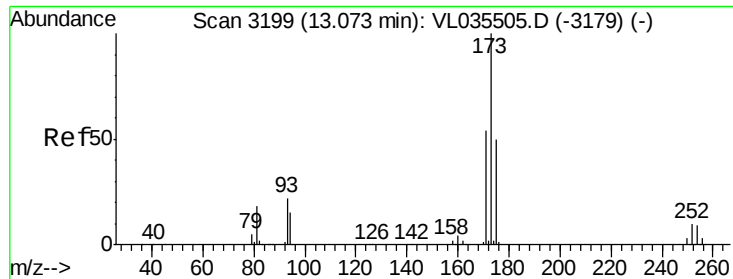
127 105.8 39.3 117.8



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 0.036 ppbv

RT: 13.07 min Scan# 3197

Delta R.T. -0.01 min

Lab File: VL035509.D

Acq: 27 Aug 2020 4:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

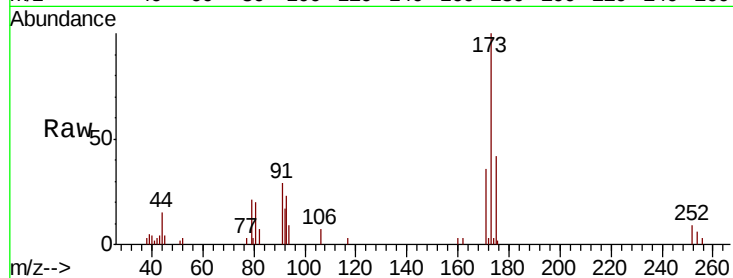
Tot Ion:173 Resp: 7933

Ion Ratio Lower Upper

173 100

175 0.0 39.8 59.8#

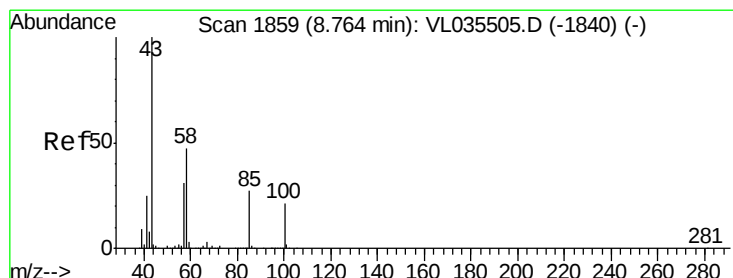
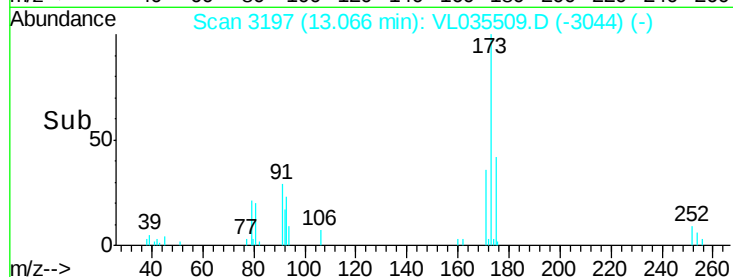
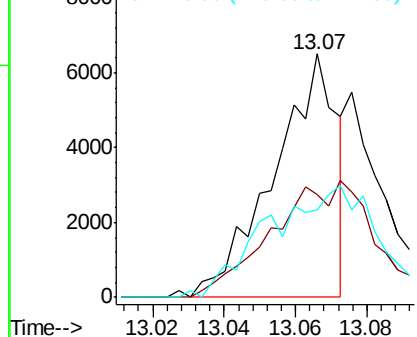
171 0.0 42.4 63.6#



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: 0.081 ppbv

RT: 8.80 min Scan# 1869

Delta R.T. 0.03 min

Lab File: VL035509.D

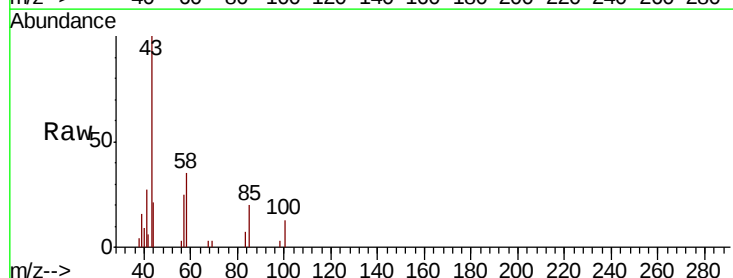
Acq: 27 Aug 2020 4:43

Tgt Ion: 43 Resp: 15758

Ion Ratio Lower Upper

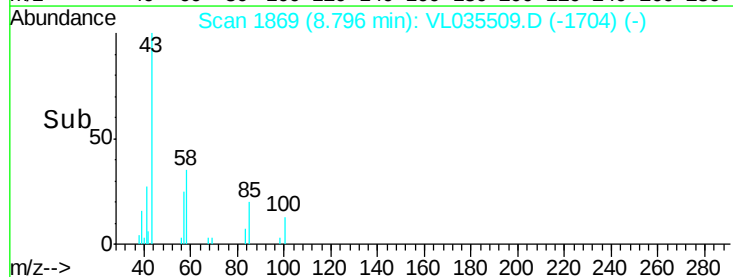
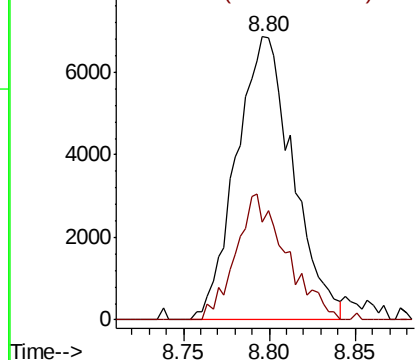
43 100

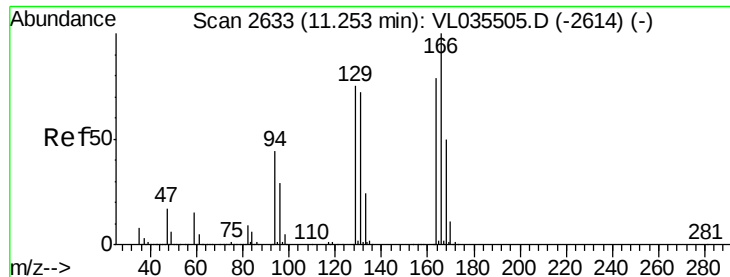
58 39.7 37.4 56.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#52

Tetrachloroethene

Concen: 0.095 ppbv

RT: 11.25 min Scan# 2631

Delta R.T. -0.01 min

Lab File: VL035509.D

Acq: 27 Aug 2020 4:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

Tot Ion:164 Resp: 16523

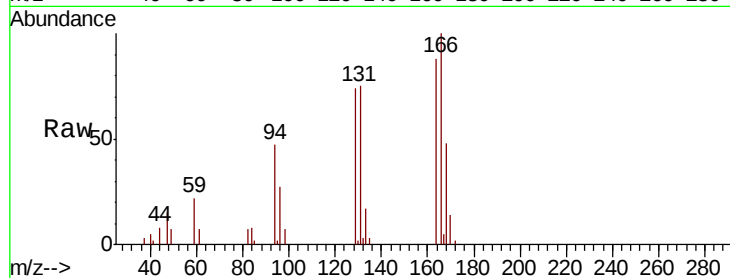
Ion Ratio Lower Upper

164 100

166 113.1 100.9 151.3

129 83.7 75.3 112.9

131 84.6 73.0 109.4



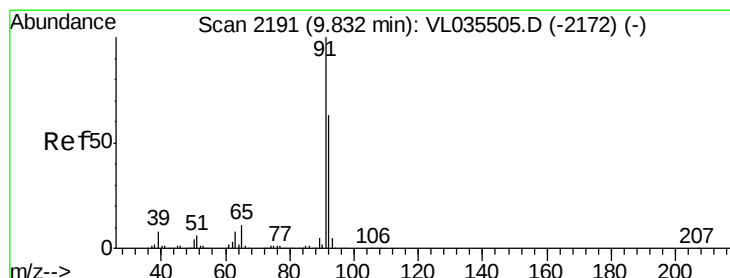
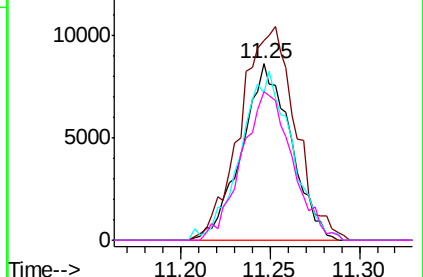
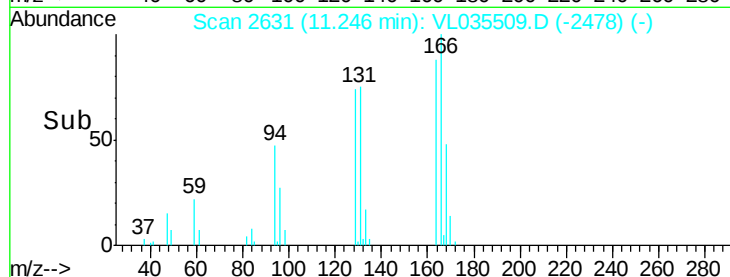
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Time-->



#53

Toluene

Concen: 0.078 ppbv

RT: 9.83 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VL035509.D

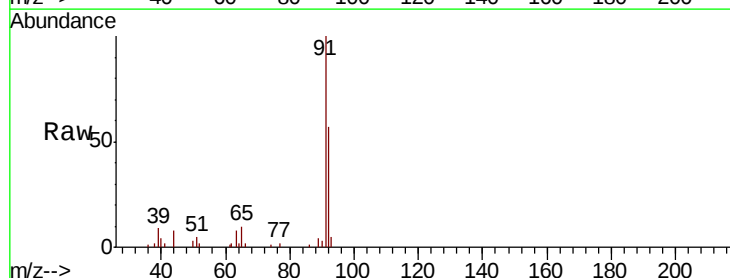
Acq: 27 Aug 2020 4:43

Tgt Ion: 91 Resp: 29660

Ion Ratio Lower Upper

91 100

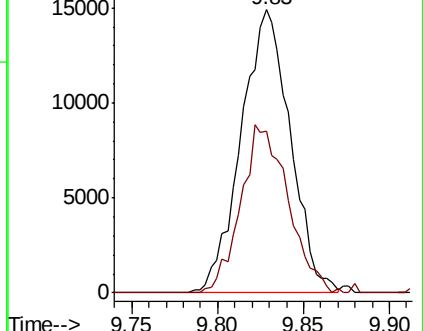
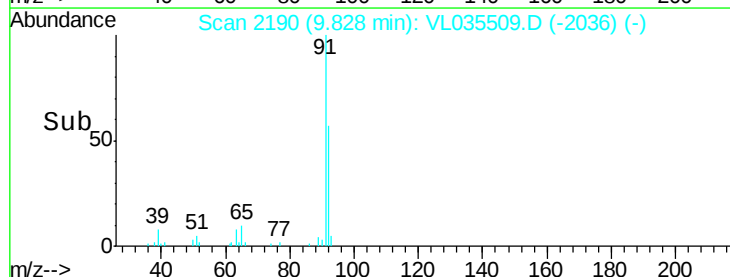
92 57.3 49.8 74.8

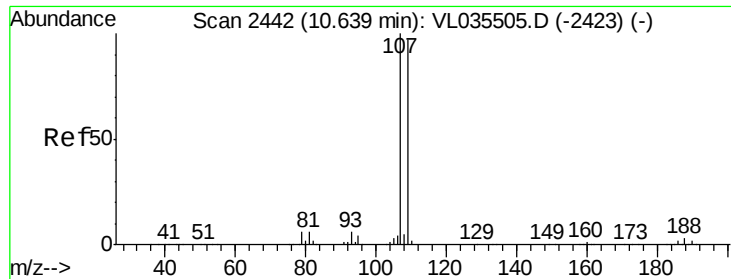


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

Time-->





#54

1,2-Dibromoethane

Concen: 0.056 ppbv

RT: 10.63 min Scan# 2439

Delta R.T. -0.01 min

Lab File: VL035509.D

Acq: 27 Aug 2020 4:43

Instrument :

MSVOA_L

ClientSampleId :

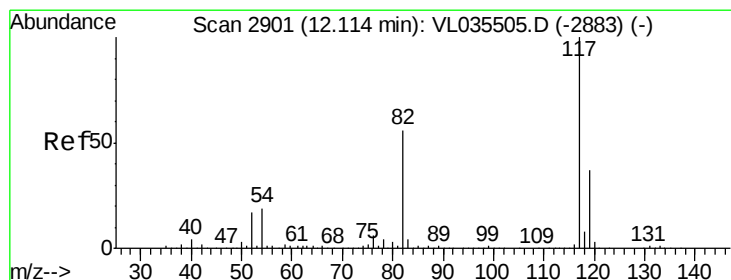
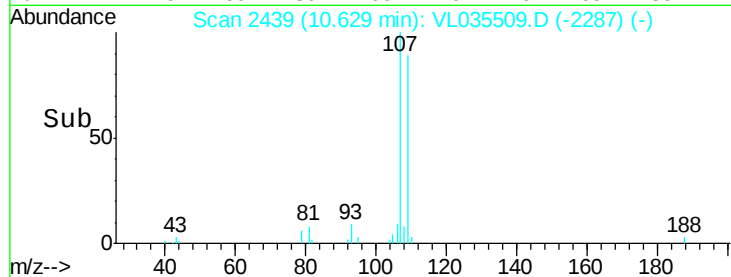
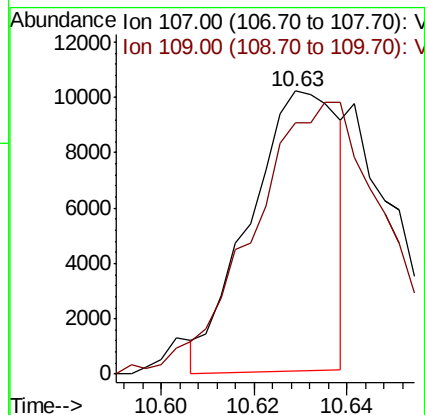
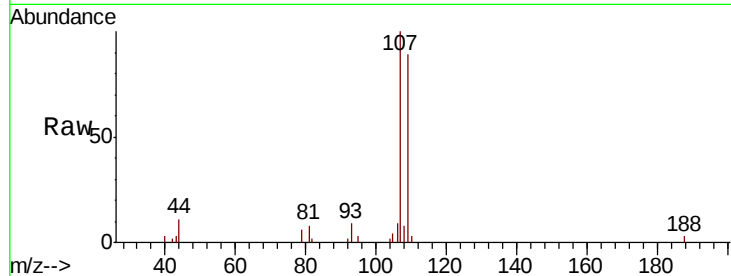
VSTDIC0.1

Tot Ion:107 Resp: 13440

Ion Ratio Lower Upper

107 100

109 87.9 77.8 116.8



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.11 min Scan# 2900

Delta R.T. -0.00 min

Lab File: VL035509.D

Acq: 27 Aug 2020 4:43

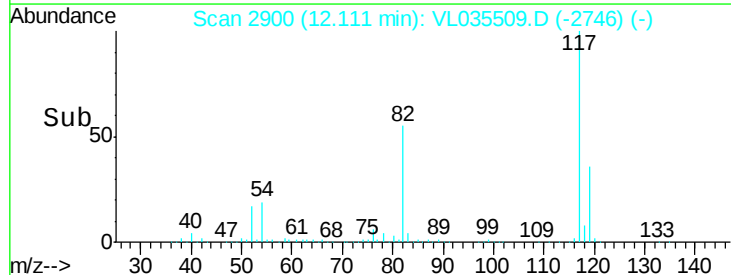
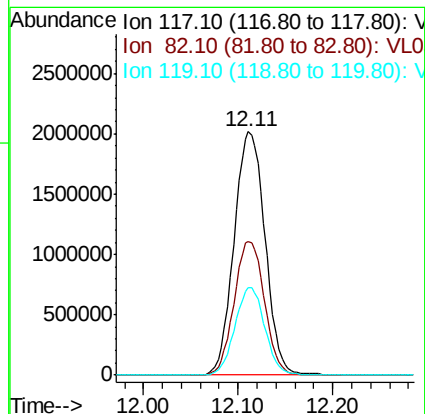
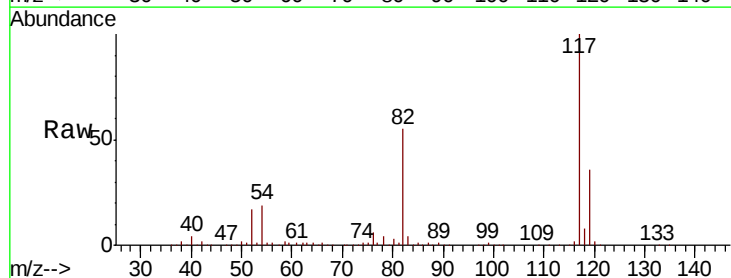
Tgt Ion:117 Resp: 4588500

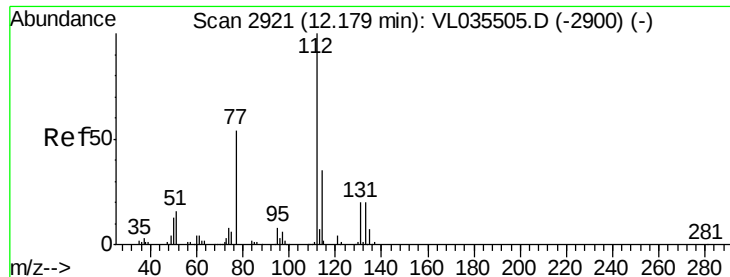
Ion Ratio Lower Upper

117 100

82 54.3 41.6 62.4

119 34.9 29.3 43.9





#57

Chlorobenzene

Concen: 0.118 ppbv

RT: 12.18 min Scan# 2920

Delta R.T. -0.00 min

Lab File: VL035509.D

Acq: 27 Aug 2020 4:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

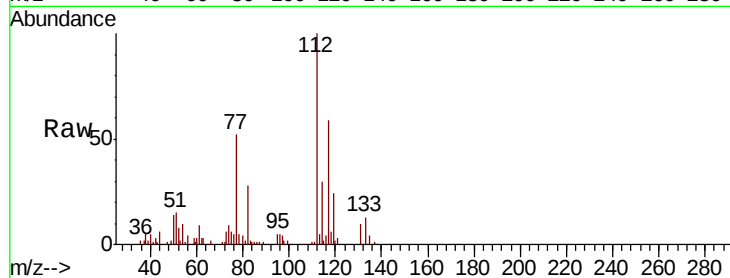
Tot Ion:112 Resp: 40118

Ion Ratio Lower Upper

112 100

77 52.0 44.2 66.4

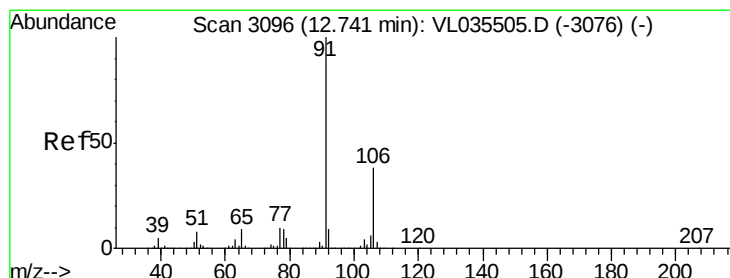
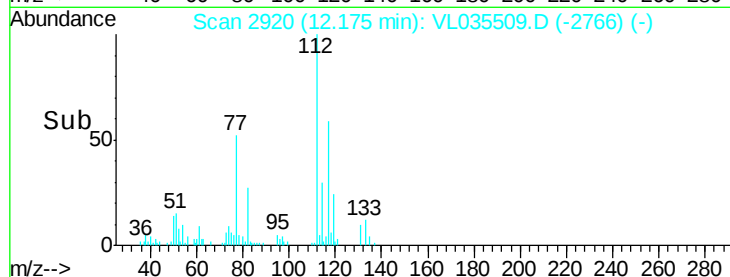
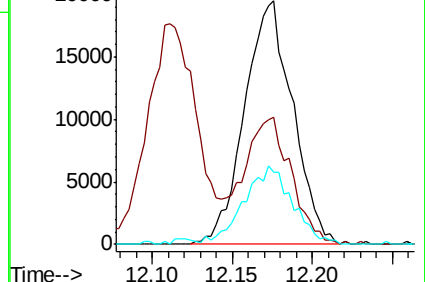
114 29.7 31.6 38.6#



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 0.049 ppbv

RT: 12.74 min Scan# 3095

Delta R.T. -0.00 min

Lab File: VL035509.D

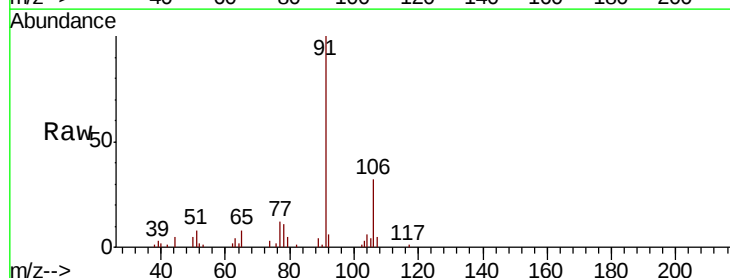
Acq: 27 Aug 2020 4:43

Tgt Ion: 91 Resp: 23939

Ion Ratio Lower Upper

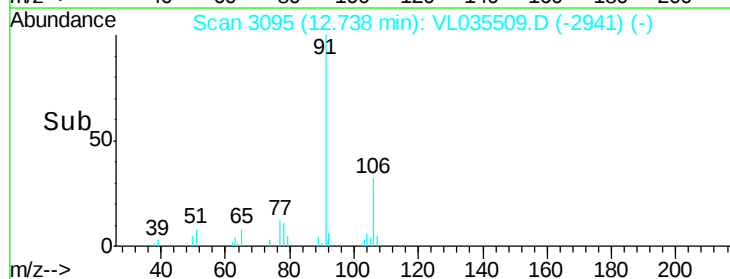
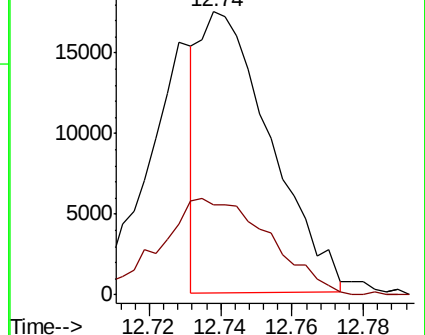
91 100

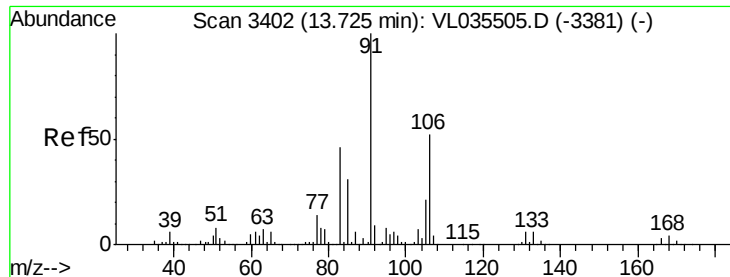
106 32.2 30.3 45.5



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

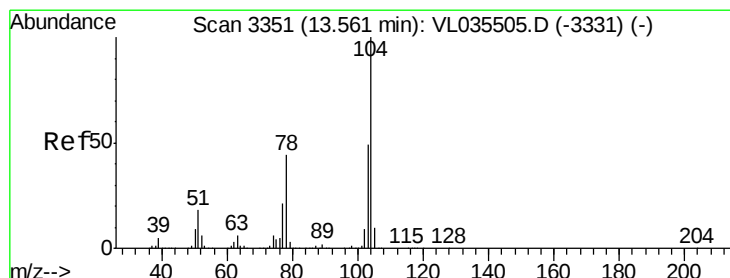
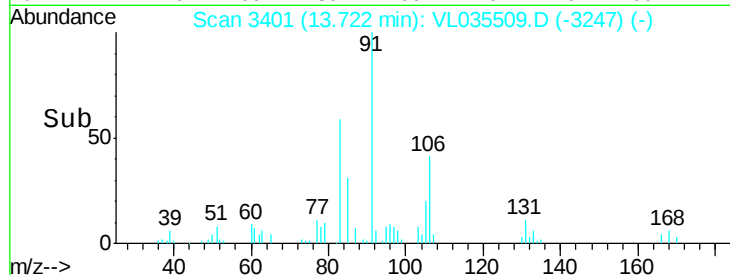
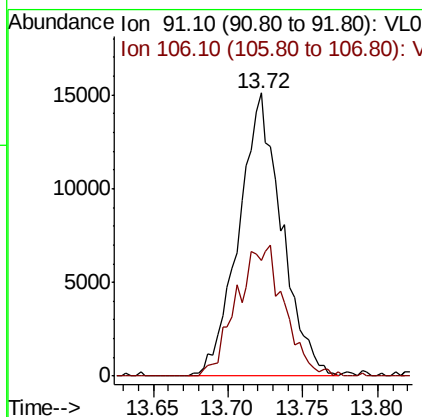
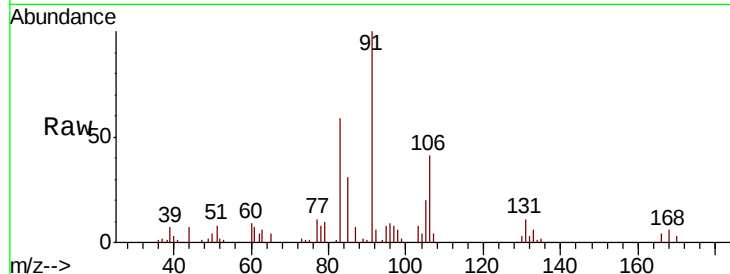




#60
o-Xylene
Concen: 0.074 ppbv
RT: 13.72 min Scan# 3401
Delta R.T. -0.00 min
Lab File: VL035509.D
Acq: 27 Aug 2020 4:43

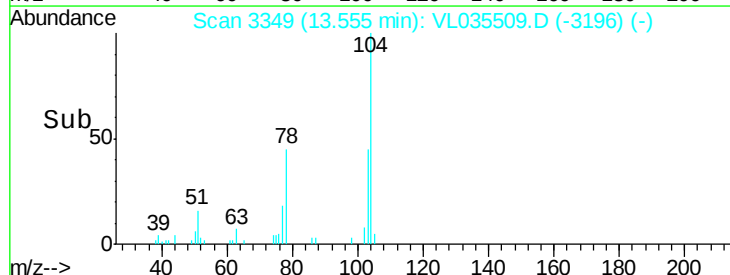
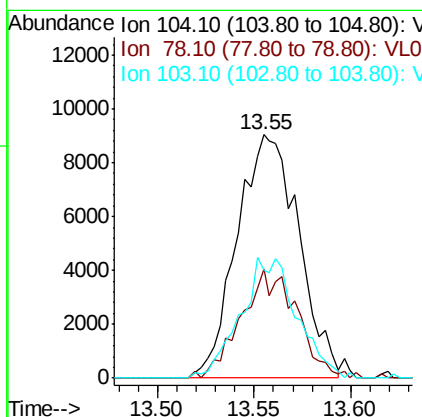
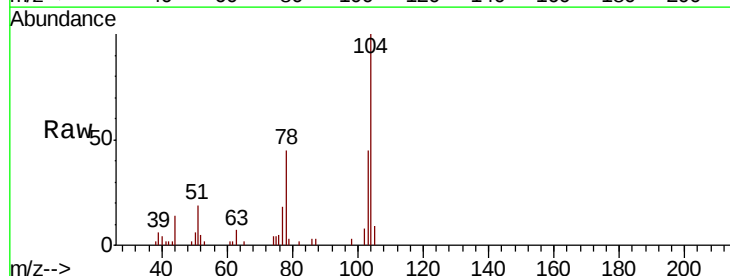
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

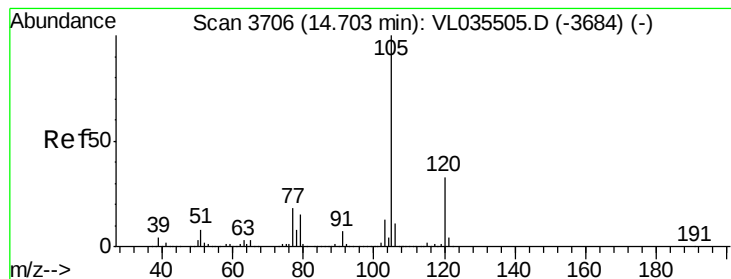
Tot Ion: 91 Resp: 30206
Ion Ratio Lower Upper
91 100
106 51.0 25.8 77.4



#61
Styrene
Concen: 0.064 ppbv
RT: 13.55 min Scan# 3349
Delta R.T. -0.01 min
Lab File: VL035509.D
Acq: 27 Aug 2020 4:43

Tgt Ion: 104 Resp: 20023
Ion Ratio Lower Upper
104 100
78 40.6 34.8 52.2
103 45.0 38.2 57.4





#62

Isopropylbenzene

Concen: 0.047 ppbv

RT: 14.70 min Scan# 3704

Delta R.T. -0.01 min

Lab File: VL035509.D

Acq: 27 Aug 2020 4:43

Instrument :

MSVOA_L

ClientSampleId :

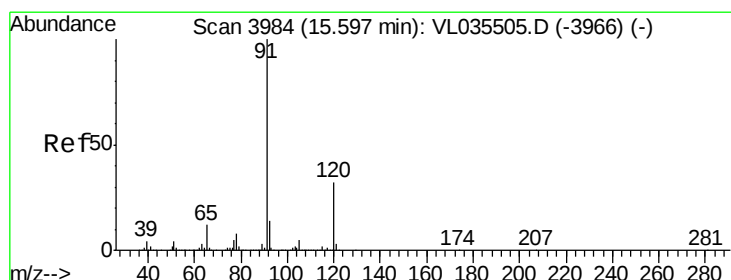
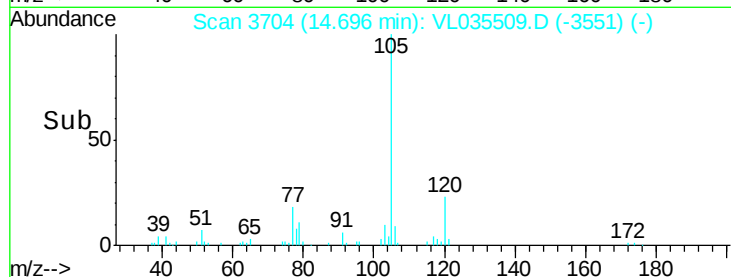
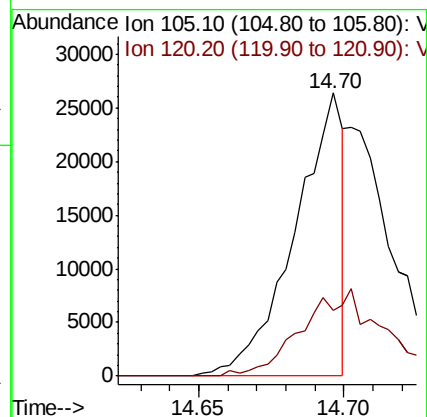
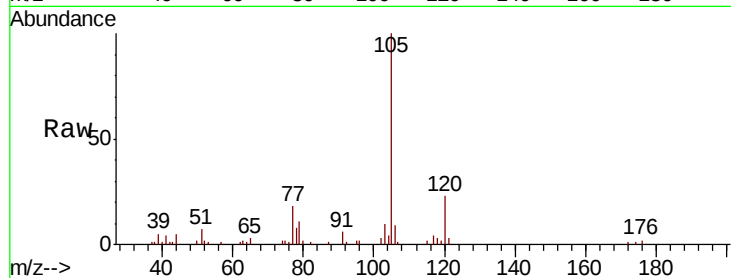
VSTDIC0.1

Tot Ion:105 Resp: 30597

Ion Ratio Lower Upper

105 100

120 0.0 25.0 37.4#



#64

n-propylbenzene

Concen: 0.073 ppbv

RT: 15.59 min Scan# 3983

Delta R.T. -0.00 min

Lab File: VL035509.D

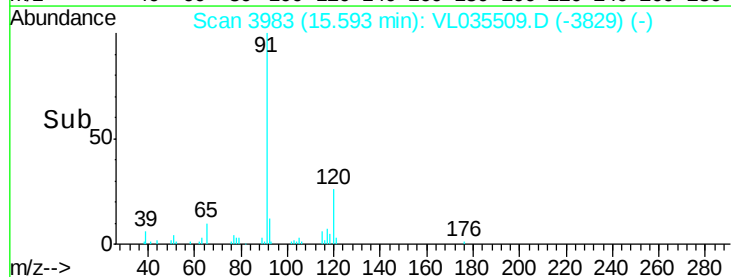
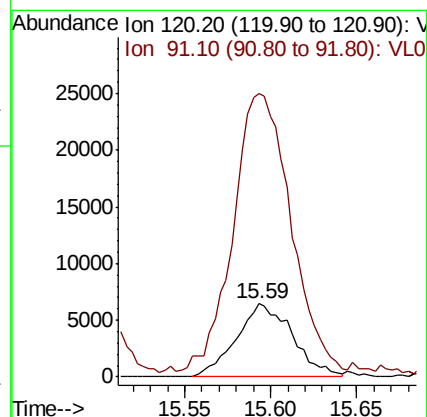
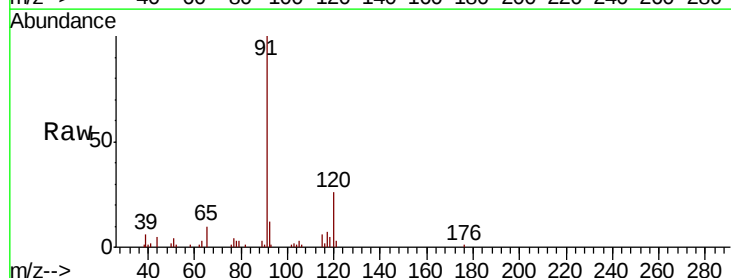
Acq: 27 Aug 2020 4:43

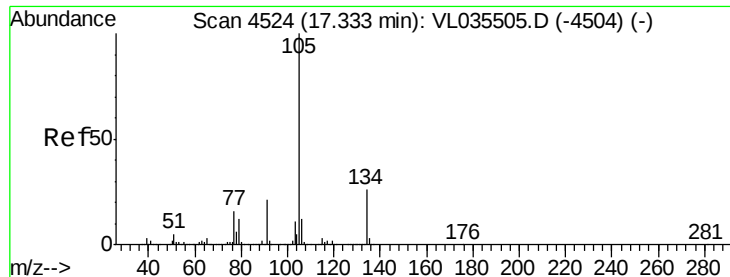
Tgt Ion:120 Resp: 14620

Ion Ratio Lower Upper

120 100

91 423.3 279.4 419.0#





#67

sec-Butylbenzene

Concen: 0.065 ppbv

RT: 17.34 min Scan# 4525

Delta R.T. 0.00 min

Lab File: VL035509.D

Acq: 27 Aug 2020 4:43

Instrument :

MSVOA_L

ClientSampleId :

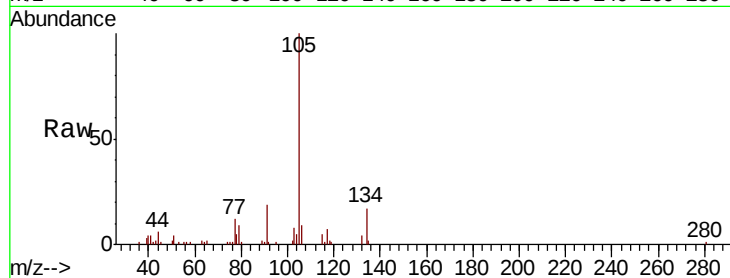
VSTDIC0.1

Tot Ion:105 Resp: 54321

Ion Ratio Lower Upper

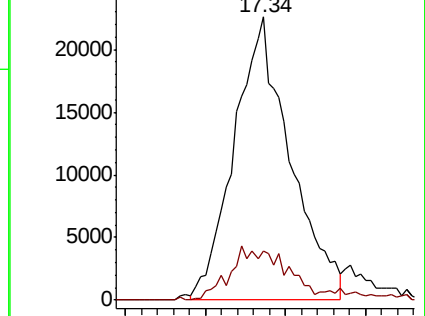
105 100

134 21.6 19.1 28.7

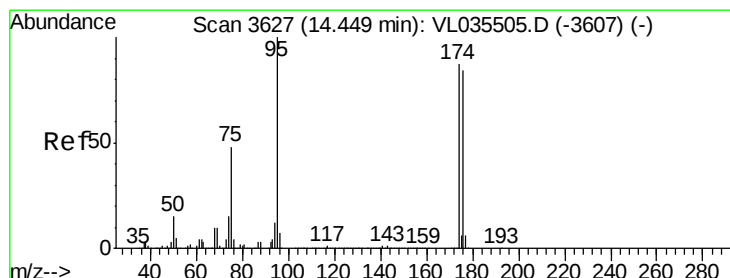
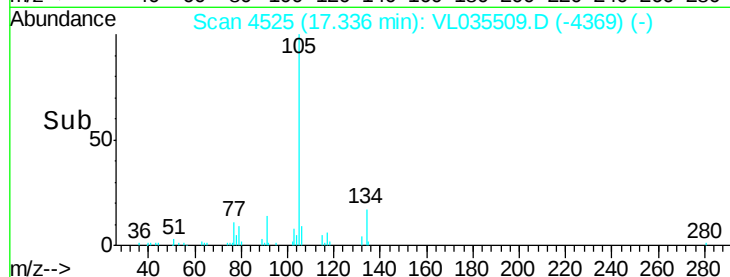


Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



Time-->



#68

1-Bromo-4-Fluorobenzene

Concen: 10.171 ppbv

RT: 14.45 min Scan# 3627

Delta R.T. -0.00 min

Lab File: VL035509.D

Acq: 27 Aug 2020 4:43

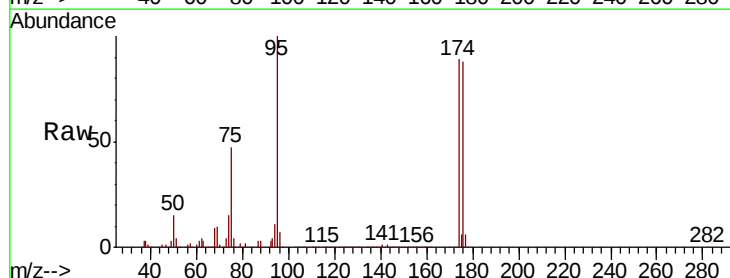
Tgt Ion: 95 Resp: 3308333

Ion Ratio Lower Upper

95 100

174 90.3 69.6 104.4

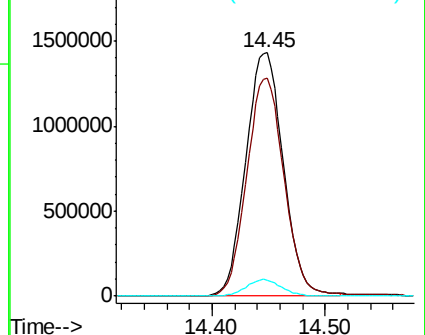
175 6.6 5.1 7.7



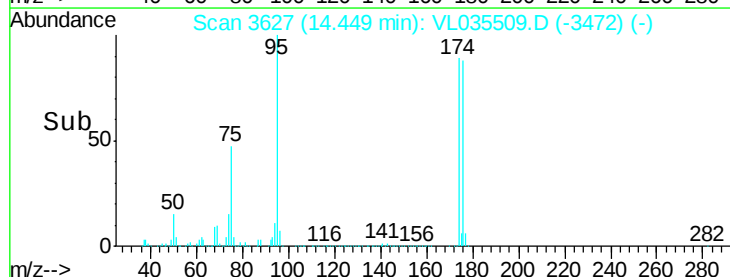
Abundance Ion 95.10 (94.80 to 95.80): VL0

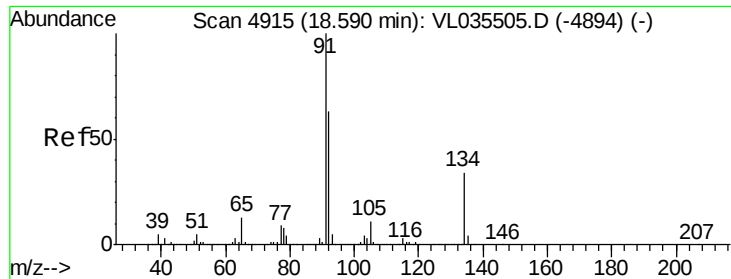
Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V



Time-->

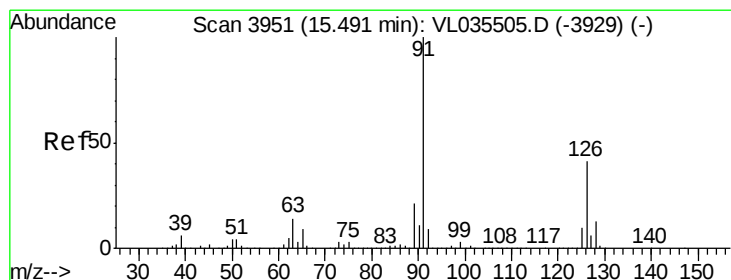
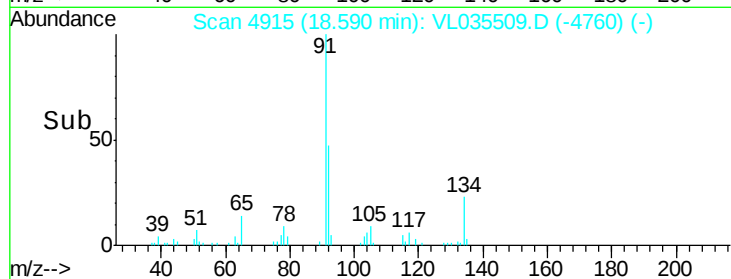
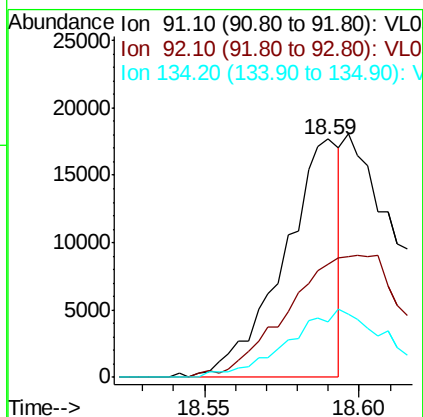
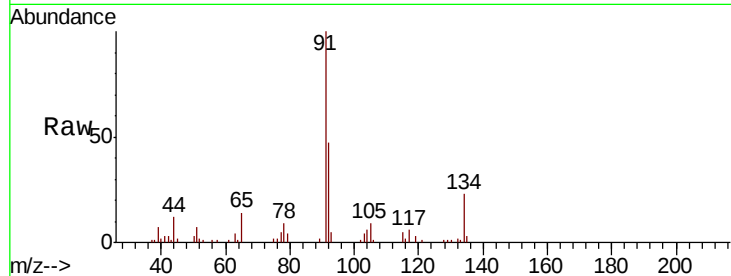




#70
n-Butylbenzene
Concen: 0.032 ppbv
RT: 18.59 min Scan# 4915
Delta R.T. -0.00 min
Lab File: VL035509.D
Acq: 27 Aug 2020 4:43

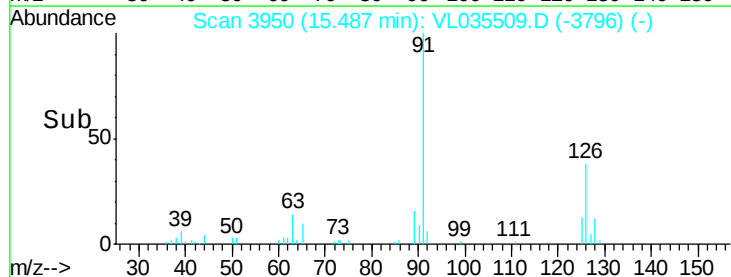
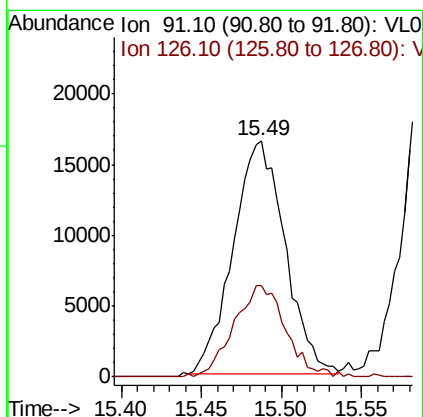
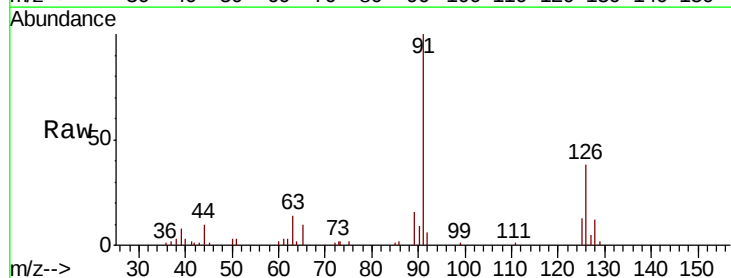
Instrument :
MSVOA_L
ClientSampled :
VSTDIC0.1

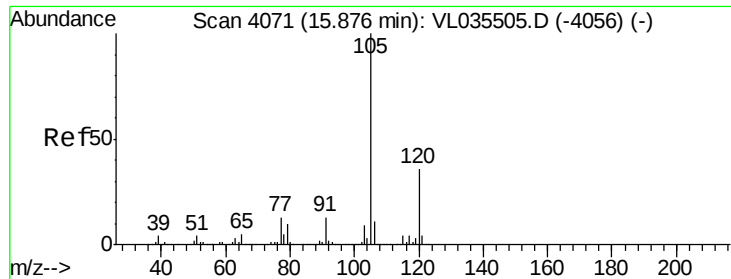
Tot Ion: 91 Resp: 22359
Ion Ratio Lower Upper
91 100
92 0.0 47.3 70.9#
134 0.0 24.6 37.0#



#71
2-Chlorotoluene
Concen: 0.077 ppbv
RT: 15.49 min Scan# 3950
Delta R.T. -0.00 min
Lab File: VL035509.D
Acq: 27 Aug 2020 4:43

Tgt Ion: 91 Resp: 36511
Ion Ratio Lower Upper
91 100
126 39.1 15.6 62.6





#72

4-Ethyltoluene

Concen: 0.067 ppbv

RT: 15.87 min Scan# 4070

Delta R.T. -0.00 min

Lab File: VL035509.D

Acq: 27 Aug 2020 4:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

Tot Ion:105 Resp: 34787

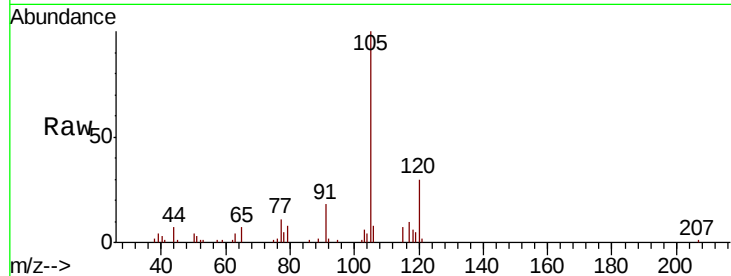
Ion Ratio Lower Upper

105 100

120 34.7 27.4 41.2

91 14.1 9.7 14.5

77 12.7 9.6 14.4



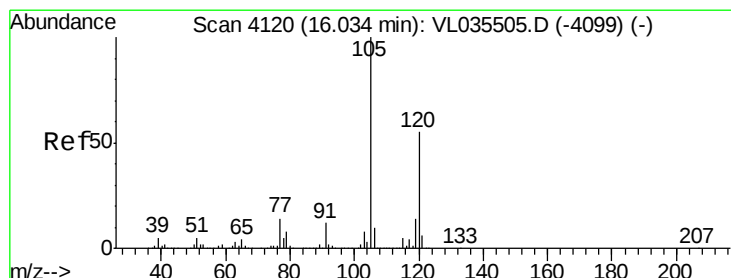
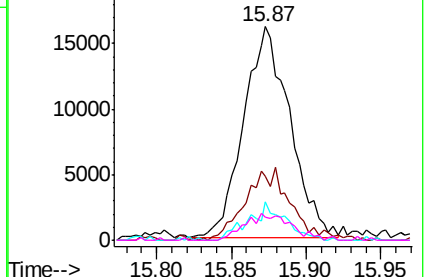
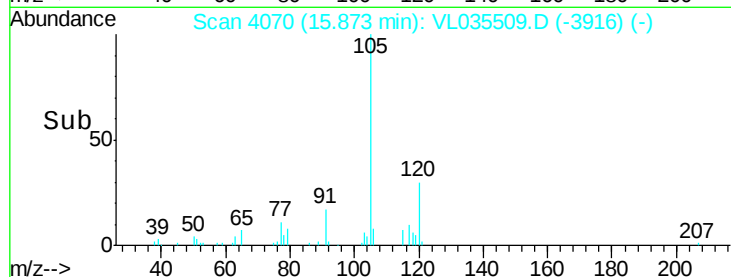
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Time-->



#73

1,3,5-Trimethylbenzene

Concen: 0.059 ppbv

RT: 16.04 min Scan# 4121

Delta R.T. 0.00 min

Lab File: VL035509.D

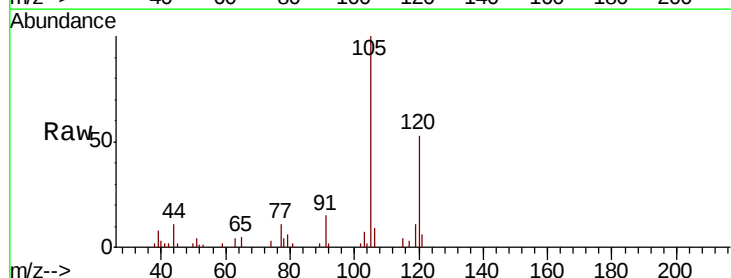
Acq: 27 Aug 2020 4:43

Tgt Ion:105 Resp: 28421

Ion Ratio Lower Upper

105 100

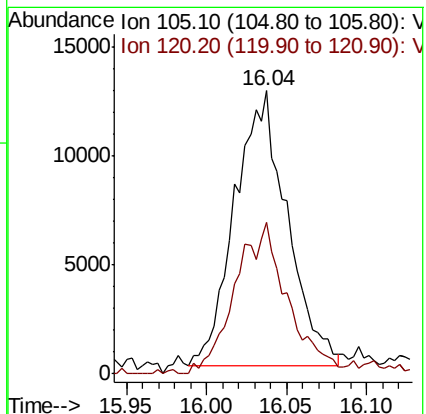
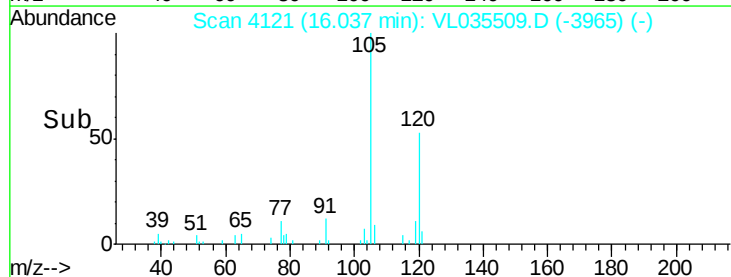
120 54.8 44.2 66.2

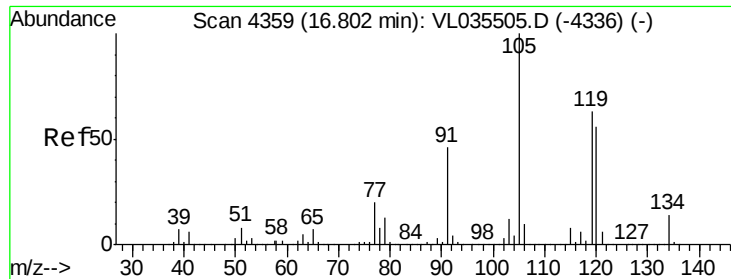


Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Time-->





#74

1,2,4-Trimethylbenzene

Concen: 0.067 ppbv

RT: 16.80 min Scan# 4358

Delta R.T. -0.00 min

Lab File: VL035509.D

Acq: 27 Aug 2020 4:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

Tot Ion:105 Resp: 35361

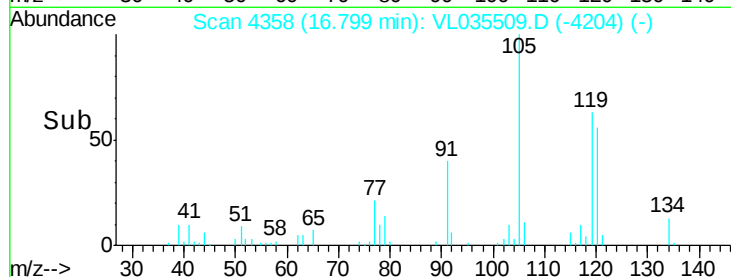
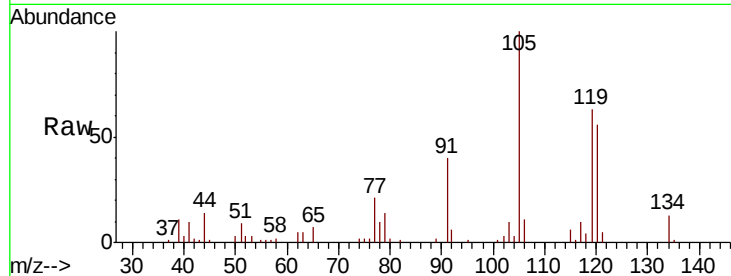
Ion Ratio Lower Upper

105 100

120 54.6 44.4 66.6

91 31.9 37.1 55.7#

77 18.9 16.0 24.0

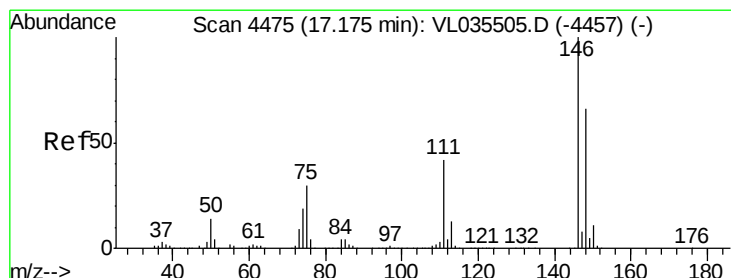
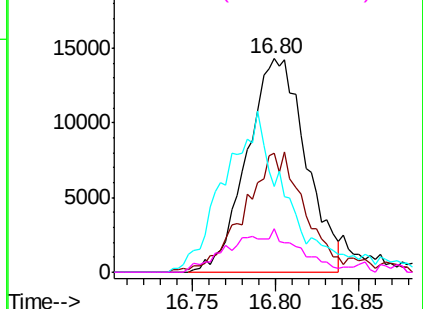


Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#76

1,4-Dichlorobenzene

Concen: 0.093 ppbv

RT: 17.18 min Scan# 4475

Delta R.T. -0.00 min

Lab File: VL035509.D

Acq: 27 Aug 2020 4:43

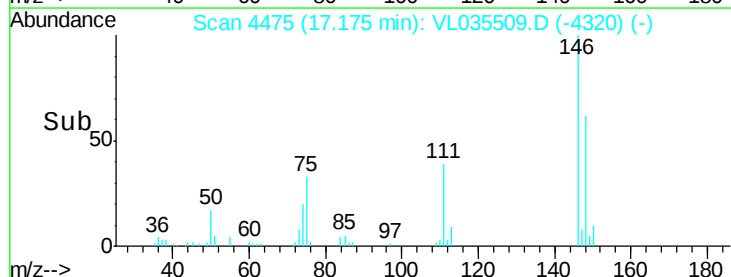
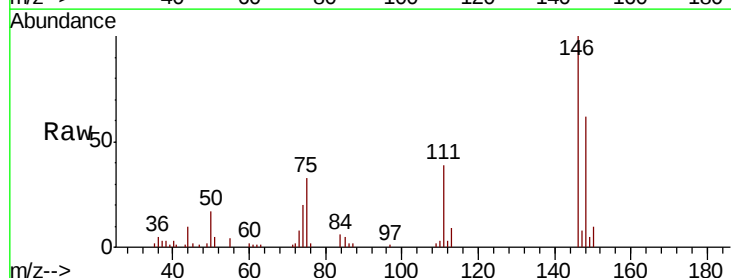
Tgt Ion:146 Resp: 36611

Ion Ratio Lower Upper

146 100

111 39.5 20.0 60.0

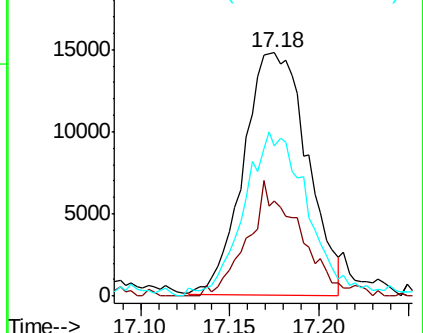
148 69.5 33.2 99.6

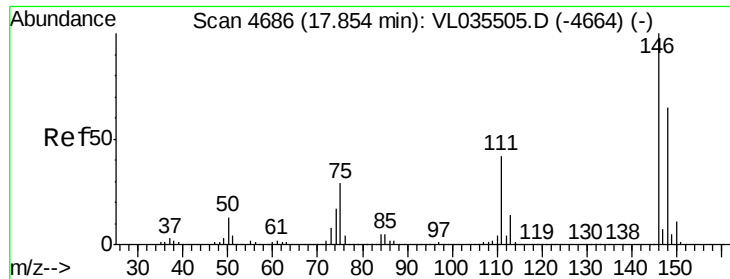


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

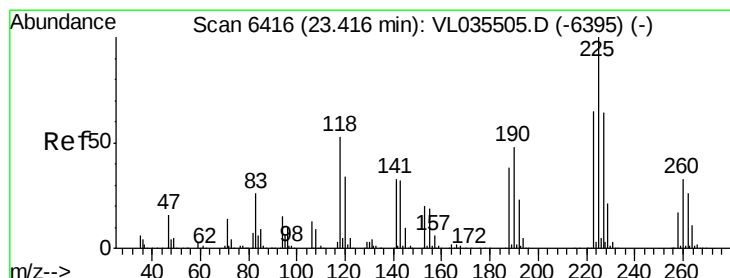
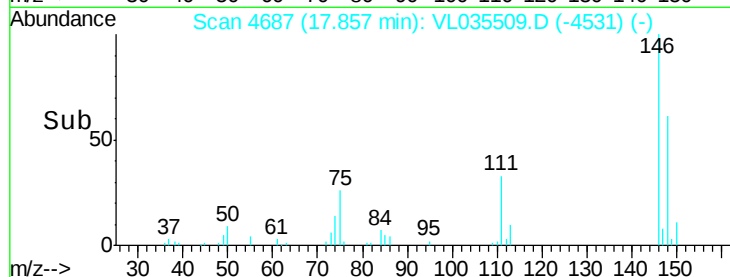
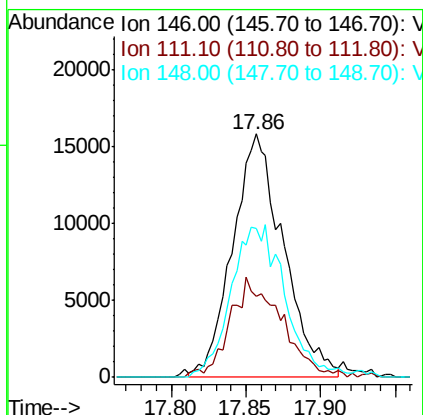
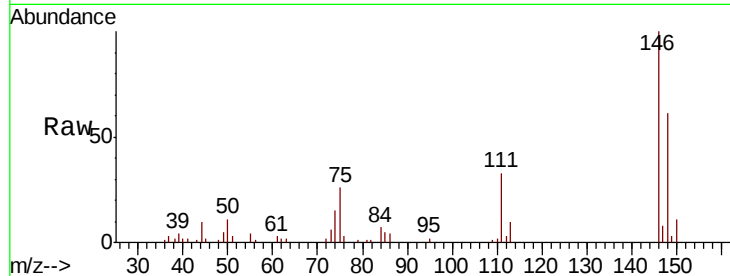




#77
 1,2-Dichlorobenzene
 Concen: 0.096 ppbv
 RT: 17.86 min Scan# 4687
 Delta R.T. 0.00 min
 Lab File: VL035509.D
 Acq: 27 Aug 2020 4:43

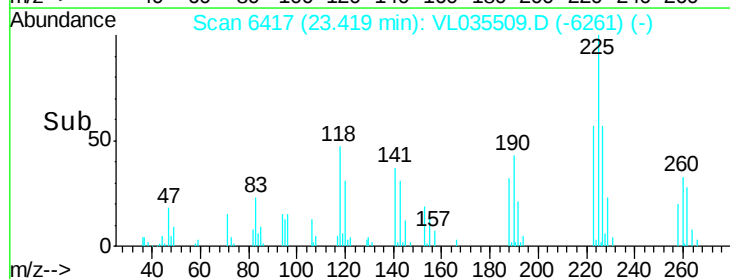
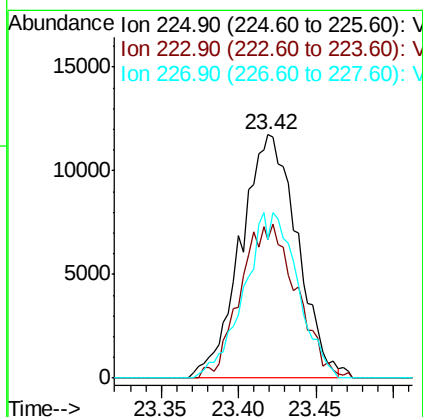
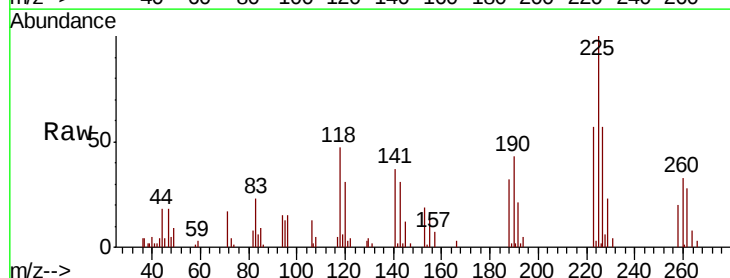
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

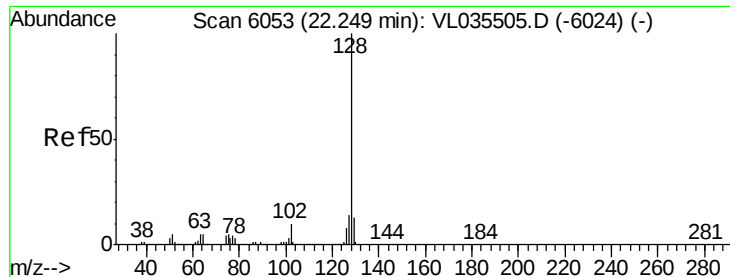
Tot Ion:146 Resp: 37405
 Ion Ratio Lower Upper
 146 100
 111 41.5 21.1 63.3
 148 67.4 32.9 98.7



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.111 ppbv
 RT: 23.42 min Scan# 6417
 Delta R.T. 0.00 min
 Lab File: VL035509.D
 Acq: 27 Aug 2020 4:43

Tgt Ion:225 Resp: 29646
 Ion Ratio Lower Upper
 225 100
 223 63.3 51.7 77.5
 227 64.6 51.5 77.3





#79

Naphthalene

Concen: 0.037 ppbv

RT: 22.26 min Scan# 6055

Delta R.T. 0.01 min

Lab File: VL035509.D

Acq: 27 Aug 2020 4:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

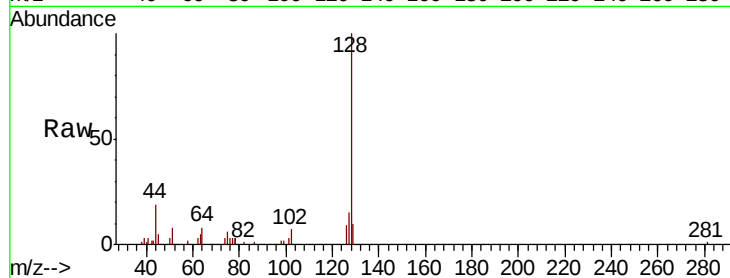
Tot Ion:128 Resp: 24254

Ion Ratio Lower Upper

128 100

127 15.9 11.4 17.2

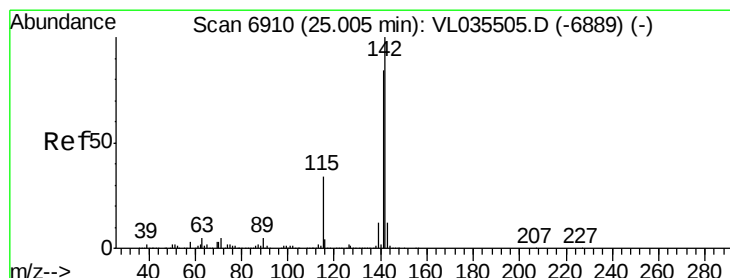
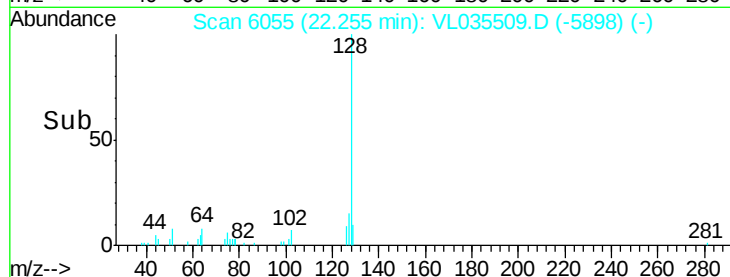
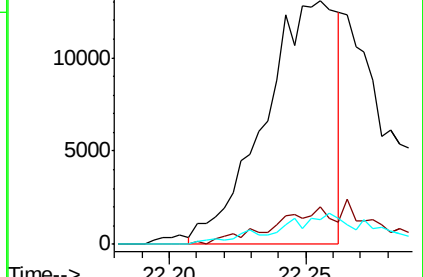
129 10.3 10.5 15.7#



Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 0.040 ppbv

RT: 25.02 min Scan# 6914

Delta R.T. 0.01 min

Lab File: VL035509.D

Acq: 27 Aug 2020 4:43

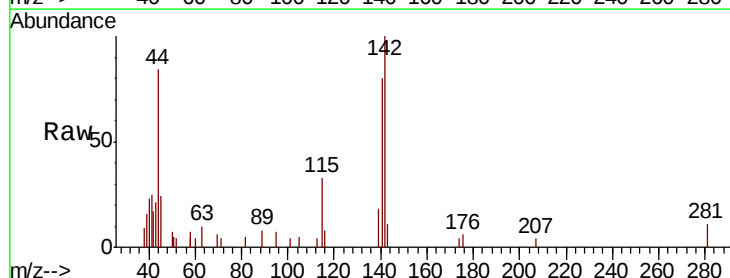
Tgt Ion:142 Resp: 10281

Ion Ratio Lower Upper

142 100

141 85.7 67.6 101.4

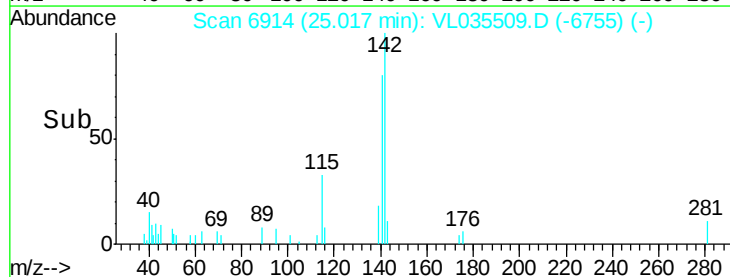
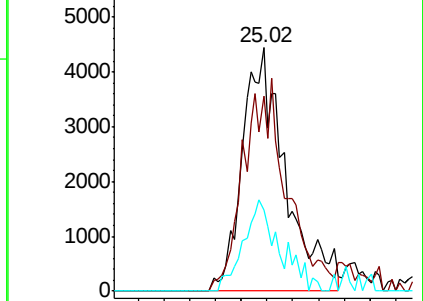
115 32.4 25.8 38.8

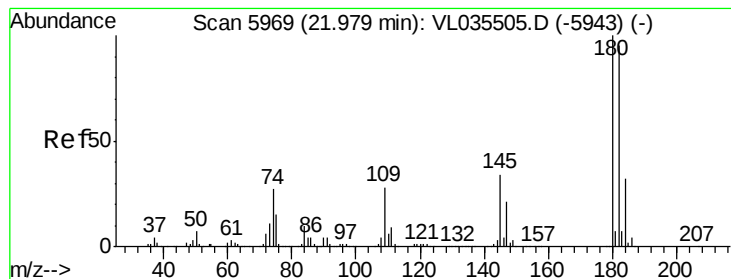


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V





#81

1,2,4-Trichlorobenzene

Concen: 0.031 ppbv

RT: 21.98 min Scan# 5968

Delta R.T. -0.00 min

Lab File: VL035509.D

Acq: 27 Aug 2020 4:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

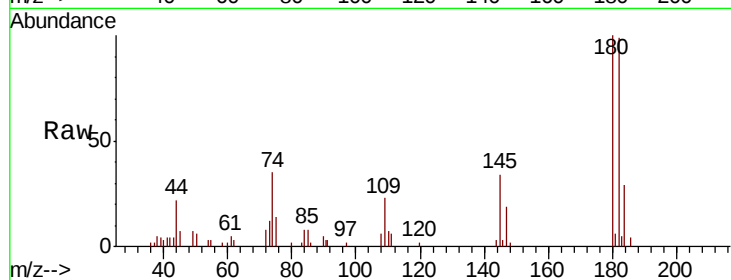
Tot Ion:180 Resp: 12075

Ion Ratio Lower Upper

180 100

182 0.0 76.3 114.5#

184 0.0 25.3 37.9#



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

