

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091420\
 Data File : VL035606.D
 Acq On : 14 Sep 2020 19:46
 Operator : SY/AP
 Sample : L3983-03 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-9

Quant Time: Sep 15 06:42:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Sep 14 15:19:50 2020
 QLast Update : Mon Sep 14 15:19:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1029694	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4392504	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4466767	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3404080	10.73	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.30%

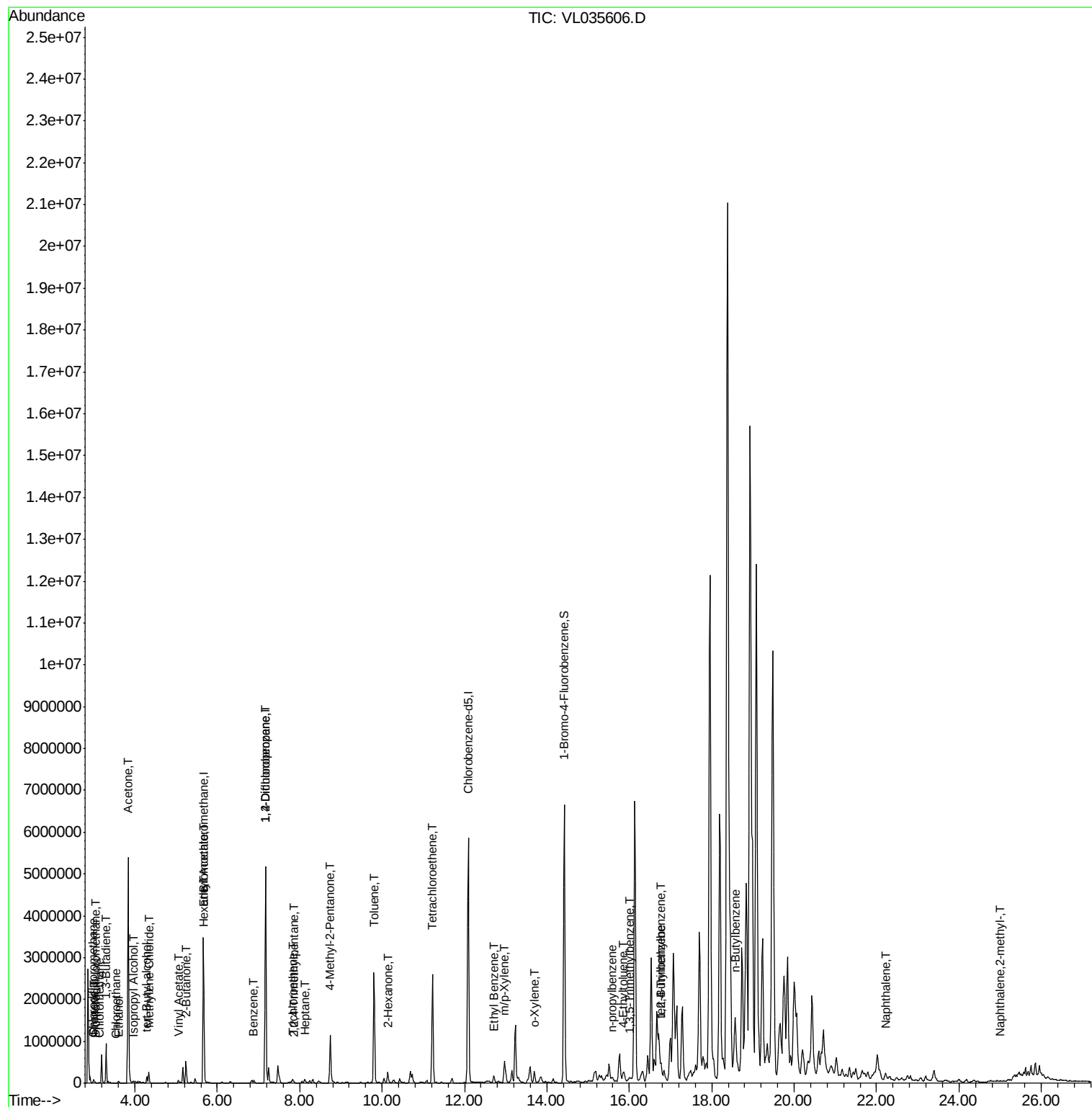
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	12086	0.068	ppbv #	88
3) Chlorodifluoromethane	2.98	51	27440	0.241	ppbv #	89
4) Chloromethane	3.13	50	5580	0.091	ppbv #	86
7) Chloroethane	3.55	64	1577	0.059	ppbv #	72
9) Propene	3.00	41	34488	0.786	ppbv	89
10) Heptane	8.12	43	25118	0.213	ppbv	91
13) Ethanol	3.60	45	45107	4.144	ppbv	94
15) Acetone	3.83	43	5112151	45.015	ppbv	89
16) 1,3-Butadiene	3.30	39	192205	4.546	ppbv #	3
17) tert-Butyl alcohol	4.29	59	117561	0.850	ppbv	99
19) Isopropyl Alcohol	3.96	45	35035	0.517	ppbv #	93
20) Methylene Chloride	4.34	84	107594	1.272	ppbv	94
23) Vinyl Acetate	5.06	43	40501	0.278	ppbv #	87
25) Ethyl Acetate	5.68	43	38226	0.191	ppbv #	81
26) Hexane	5.68	57	59063	0.520	ppbv #	43
34) 2-Butanone	5.24	43	519658	3.986	ppbv	99
36) Benzene	6.89	78	48885	0.172	ppbv	95
38) Trichloroethene	7.83	130	24835	0.150	ppbv	93
39) 1,2-Dichloropropane	7.17	63	810345	8.437	ppbv #	32
44) 2,2,4-Trimethylpentane	7.86	57	20225	0.054	ppbv #	80
50) 4-Methyl-2-Pentanone	8.74	43	790078	4.186	ppbv	100
51) 2-Hexanone	10.14	43	169828	1.097	ppbv #	99
52) Tetrachloroethene	11.22	164	753946	4.539	ppbv	99
53) Toluene	9.81	91	2367987	6.623	ppbv	99
58) Ethyl Benzene	12.71	91	155699	0.338	ppbv #	87
59) m/p-Xylene	12.97	91	536799	1.395	ppbv	96
60) o-Xylene	13.70	91	197414	0.509	ppbv	97
64) n-propylbenzene	15.56	120	11839	0.062	ppbv #	1
65) tert-Butylbenzene	16.77	119	38609	0.067	ppbv #	69
70) n-Butylbenzene	18.56	91	37003	0.057	ppbv #	60
72) 4-Ethyltoluene	15.85	105	111106	0.225	ppbv	97
73) 1,3,5-Trimethylbenzene	16.00	105	70499	0.155	ppbv	92
74) 1,2,4-Trimethylbenzene	16.77	105	307291	0.614	ppbv #	70
79) Naphthalene	22.22	128	40642	0.073	ppbv #	91
80) Naphthalene,2-methyl-	24.99	142	6205	0.033	ppbv #	69

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

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SV-9

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Sep 14 15:19:50 2020
QLast Update : Mon Sep 14 15:19:50 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.00 min

Lab File: VL035606.D

Acq: 14 Sep 2020 19:46

Instrument :

MSVOA_L

ClientSampleId :

SV-9

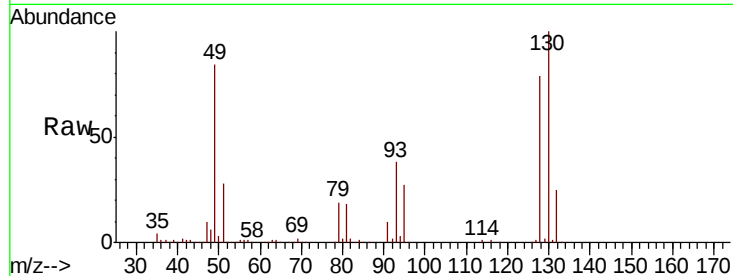
Tot Ion: 49 Resp: 1029694

Ion Ratio Lower Upper

49 100

128 95.1 50.0 150.1

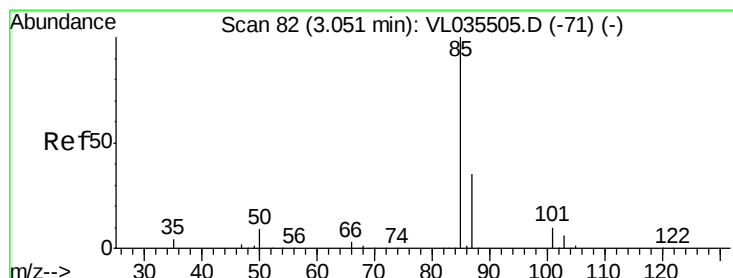
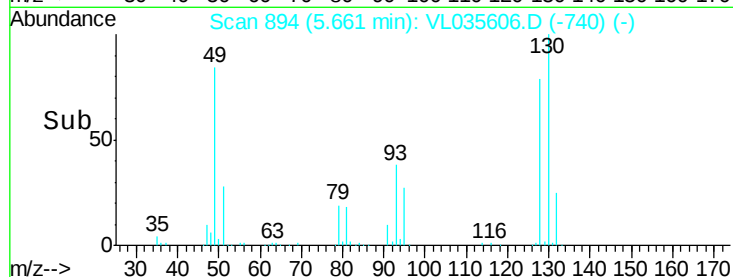
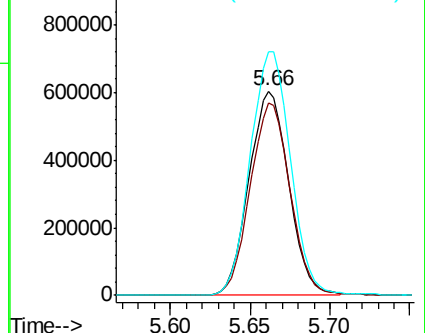
130 122.1 64.4 193.2



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: 0.068 ppbv

RT: 3.04 min Scan# 78

Delta R.T. 0.00 min

Lab File: VL035606.D

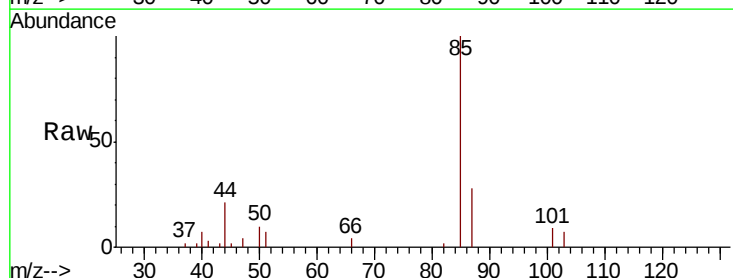
Acq: 14 Sep 2020 19:46

Tgt Ion: 85 Resp: 12086

Ion Ratio Lower Upper

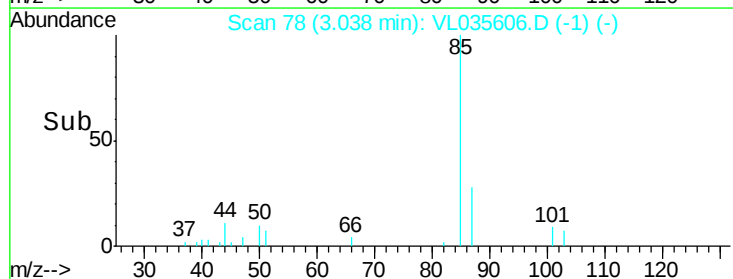
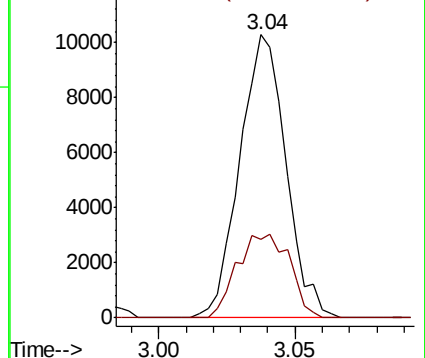
85 100

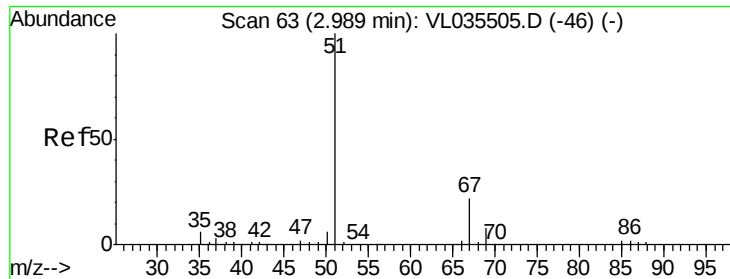
87 27.8 28.0 42.0#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

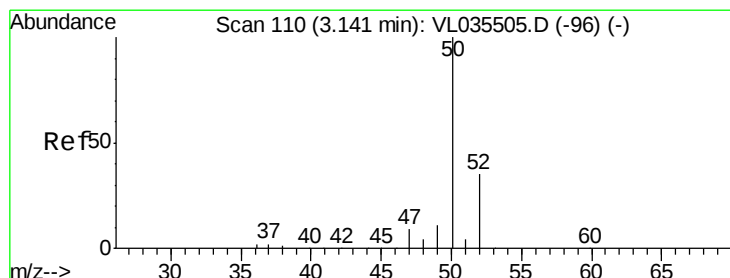
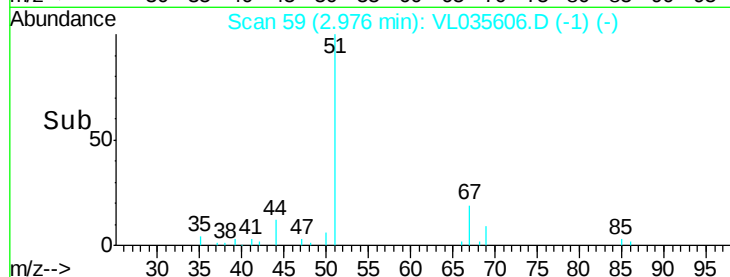
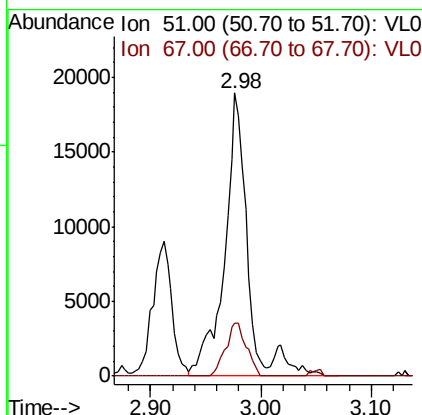
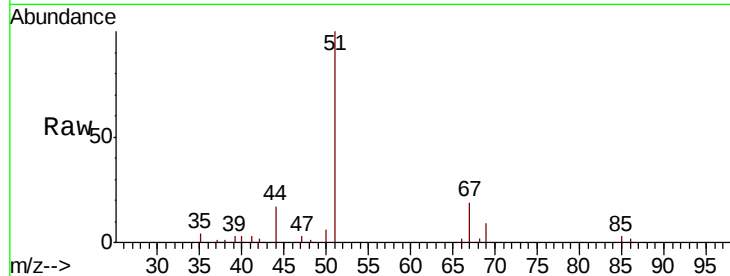




#3
 Chlorodifluoromethane
 Concen: 0.241 ppbv
 RT: 2.98 min Scan# 59
 Delta R.T. 0.00 min
 Lab File: VL035606.D
 Acq: 14 Sep 2020 19:46

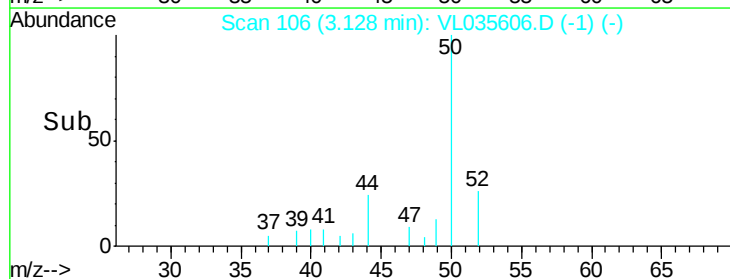
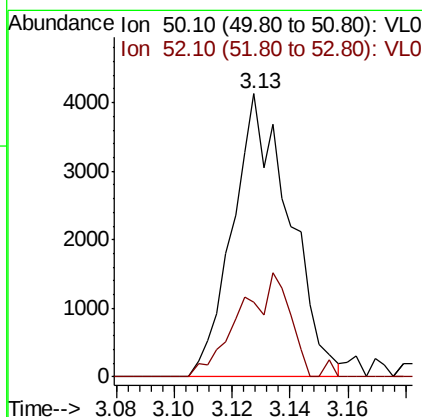
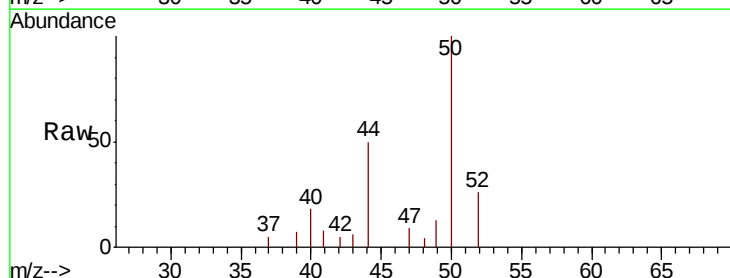
Instrument :
 MSVOA_L
 ClientSampled :
 SV-9

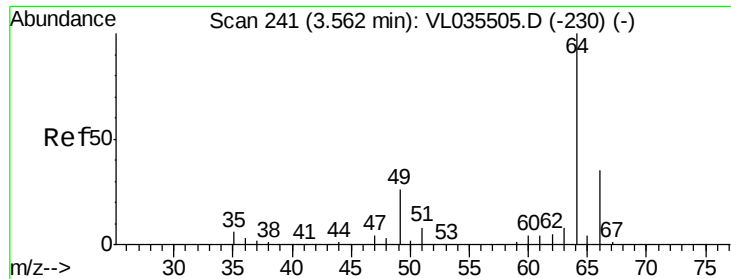
Tot Ion: 51 Resp: 27440
 Ion Ratio Lower Upper
 51 100
 67 17.0 17.8 26.8#



#4
 Chloromethane
 Concen: 0.091 ppbv
 RT: 3.13 min Scan# 106
 Delta R.T. -0.00 min
 Lab File: VL035606.D
 Acq: 14 Sep 2020 19:46

Tgt Ion: 50 Resp: 5580
 Ion Ratio Lower Upper
 50 100
 52 26.4 27.7 41.5#





#7

Chloroethane

Concen: 0.059 ppbv

RT: 3.55 min Scan# 237

Delta R.T. 0.00 min

Lab File: VL035606.D

Acq: 14 Sep 2020 19:46

Instrument :

MSVOA_L

ClientSampleId :

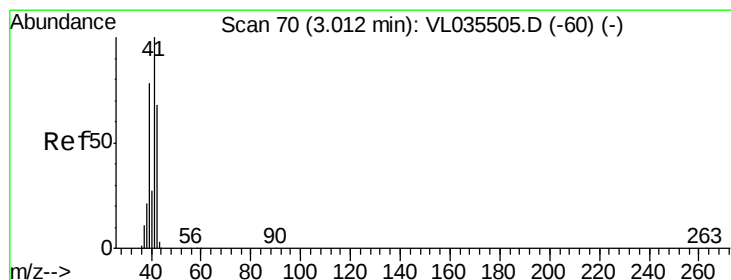
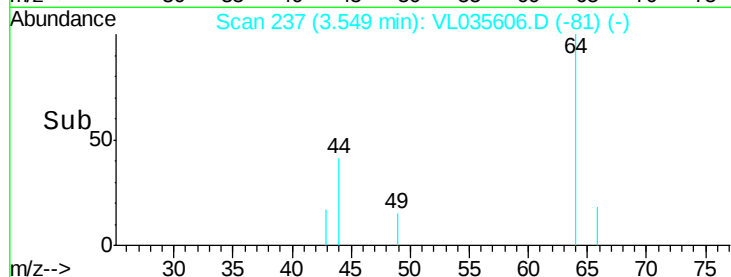
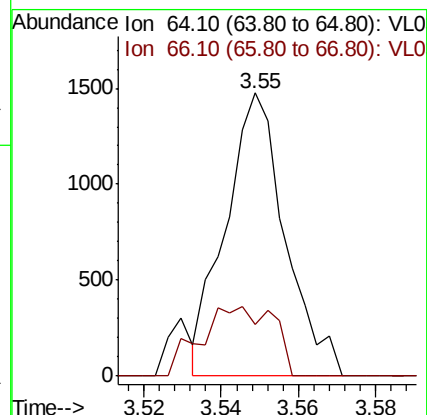
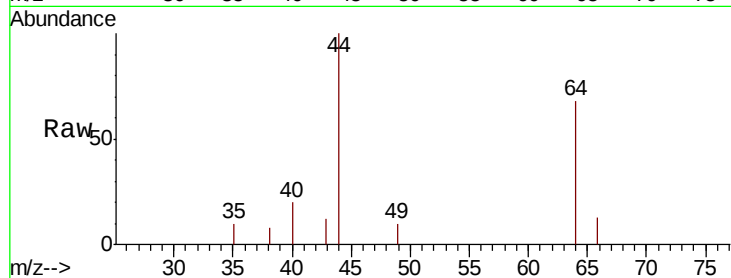
SV-9

Tot Ion: 64 Resp: 1577

Ion Ratio Lower Upper

64 100

66 18.4 27.7 41.5#



#9

Propene

Concen: 0.786 ppbv

RT: 3.00 min Scan# 67

Delta R.T. 0.01 min

Lab File: VL035606.D

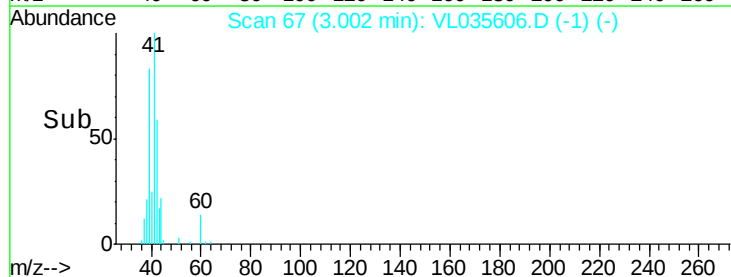
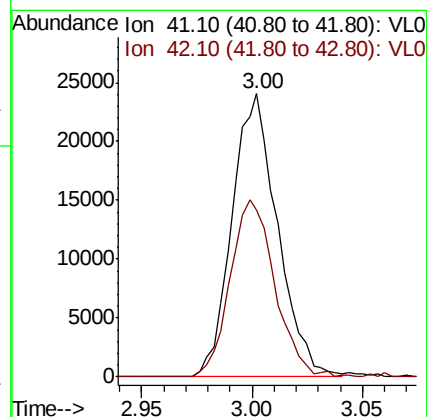
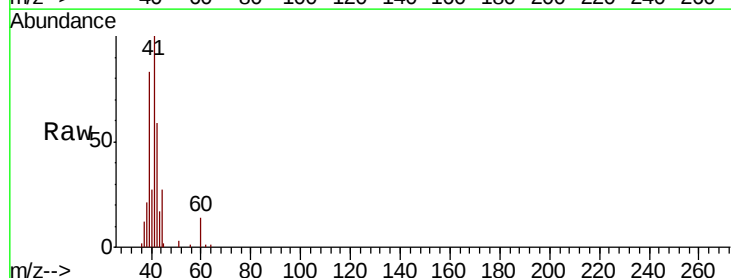
Acq: 14 Sep 2020 19:46

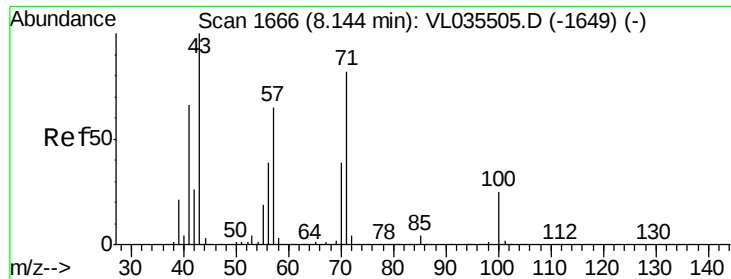
Tgt Ion: 41 Resp: 34488

Ion Ratio Lower Upper

41 100

42 61.4 56.3 84.5





#10

Heptane

Concen: 0.213 ppbv

RT: 8.12 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VL035606.D

Acq: 14 Sep 2020 19:46

Instrument :

MSVOA_L

ClientSampled :

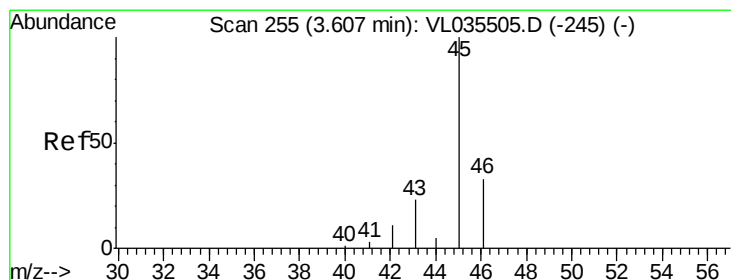
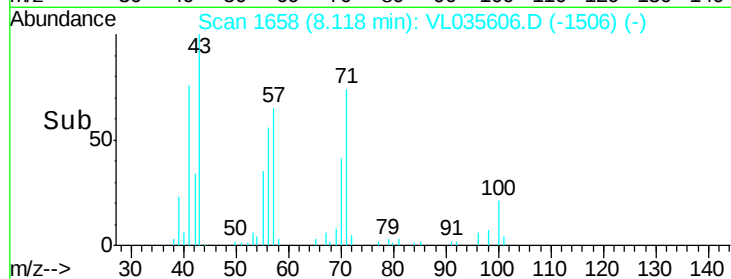
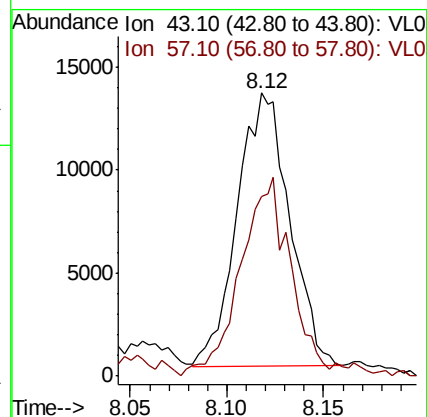
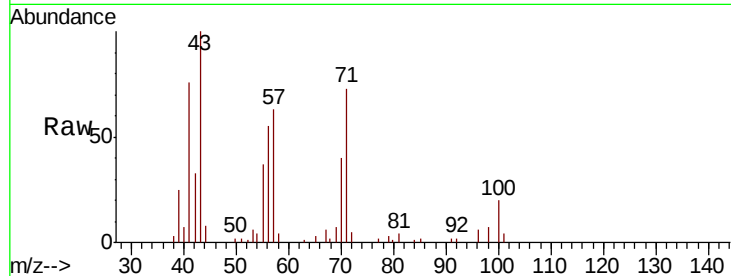
SV-9

Tot Ion: 43 Resp: 25118

Ion Ratio Lower Upper

43 100

57 71.6 51.4 77.0



#13

Ethanol

Concen: 4.144 ppbv

RT: 3.60 min Scan# 252

Delta R.T. -0.00 min

Lab File: VL035606.D

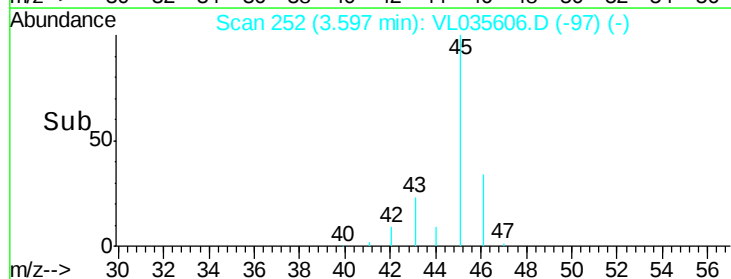
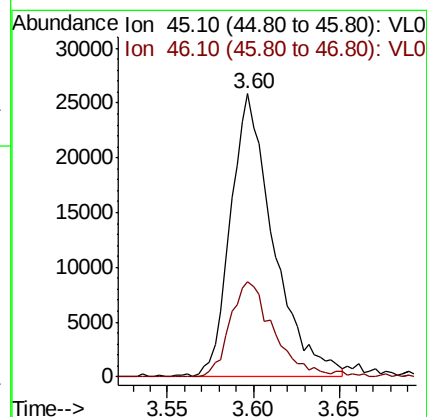
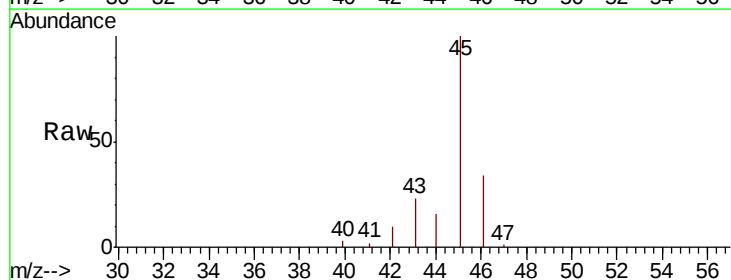
Acq: 14 Sep 2020 19:46

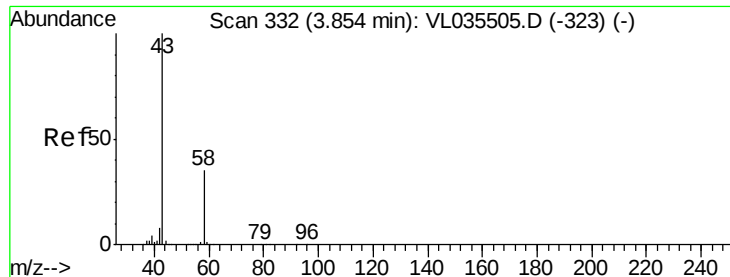
Tgt Ion: 45 Resp: 45107

Ion Ratio Lower Upper

45 100

46 34.2 15.2 60.6





#15

Acetone

Concen: 45.015 ppbv

RT: 3.83 min Scan# 326

Delta R.T. -0.00 min

Lab File: VL035606.D

Acq: 14 Sep 2020 19:46

Instrument :

MSVOA_L

ClientSampled :

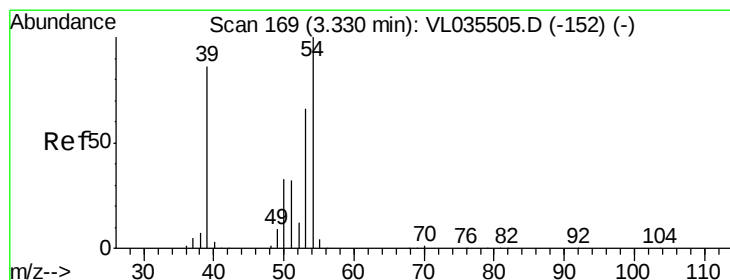
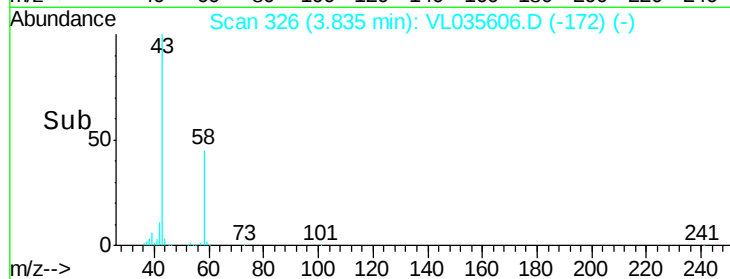
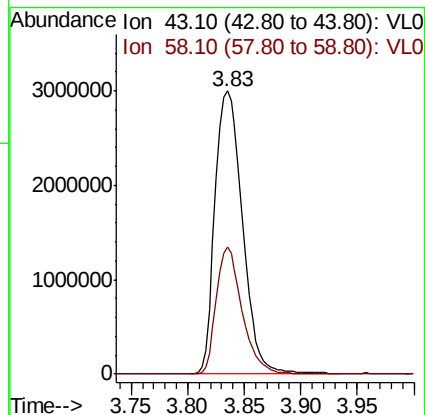
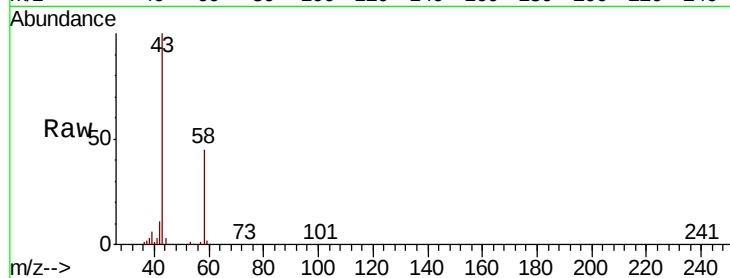
SV-9

Tot Ion: 43 Resp: 5112151

Ion Ratio Lower Upper

43 100

58 42.2 28.4 42.6



#16

1,3-Butadiene

Concen: 4.546 ppbv

RT: 3.30 min Scan# 160

Delta R.T. -0.02 min

Lab File: VL035606.D

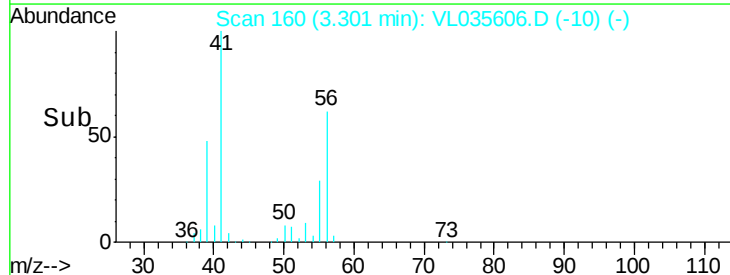
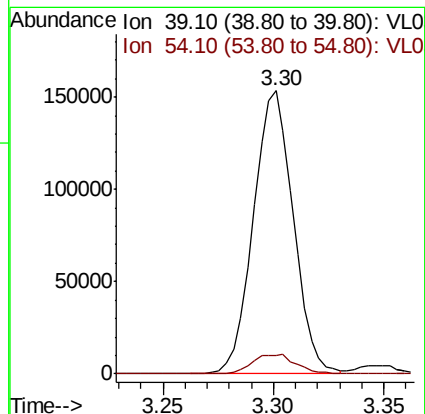
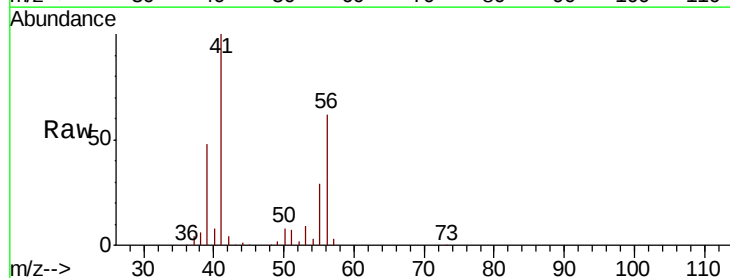
Acq: 14 Sep 2020 19:46

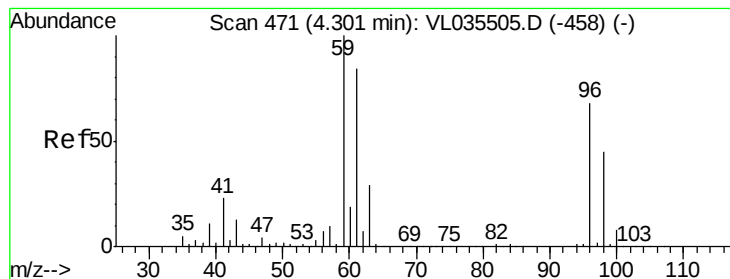
Tgt Ion: 39 Resp: 192205

Ion Ratio Lower Upper

39 100

54 7.9 88.4 132.6#





#17

tert-Butyl alcohol

Concen: 0.850 ppbv

RT: 4.29 min Scan# 467

Delta R.T. 0.01 min

Lab File: VL035606.D

Acq: 14 Sep 2020 19:46

Instrument :

MSVOA_L

ClientSampleId :

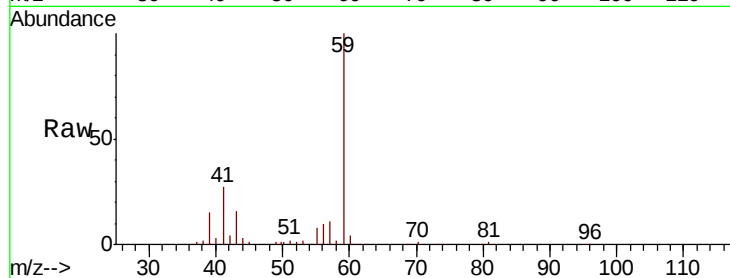
SV-9

Tot Ion: 59 Resp: 117561

Ion Ratio Lower Upper

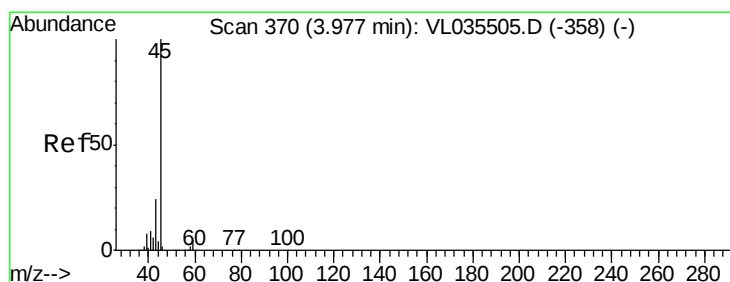
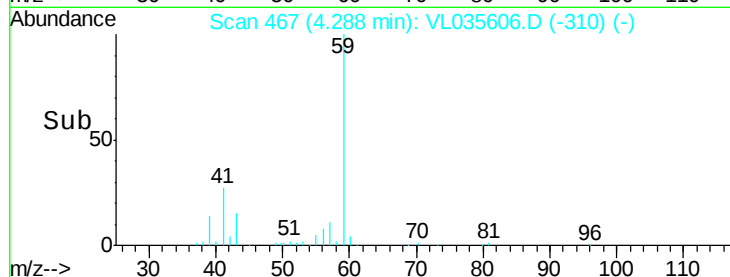
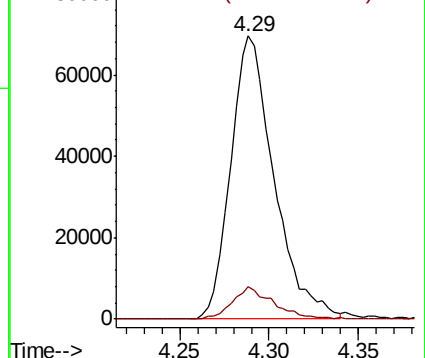
59 100

57 10.8 8.4 12.6



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#19

Isopropyl Alcohol

Concen: 0.517 ppbv

RT: 3.96 min Scan# 366

Delta R.T. 0.01 min

Lab File: VL035606.D

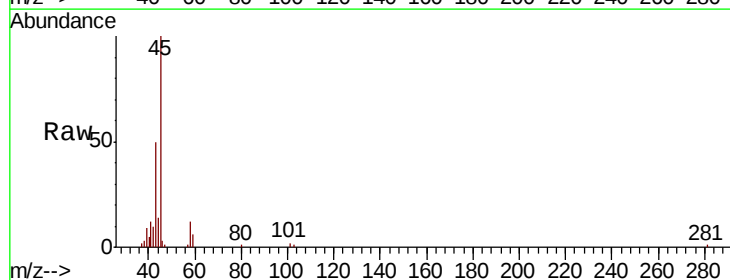
Acq: 14 Sep 2020 19:46

Tgt Ion: 45 Resp: 35035

Ion Ratio Lower Upper

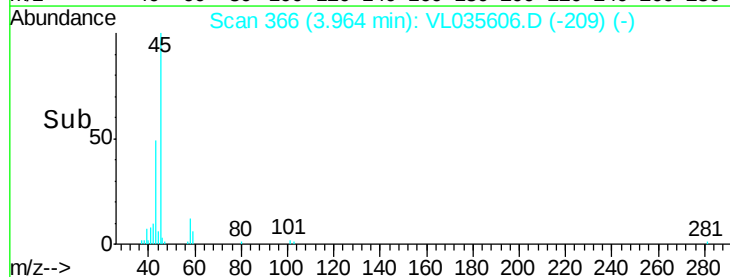
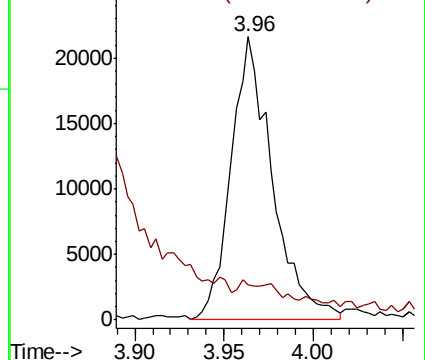
45 100

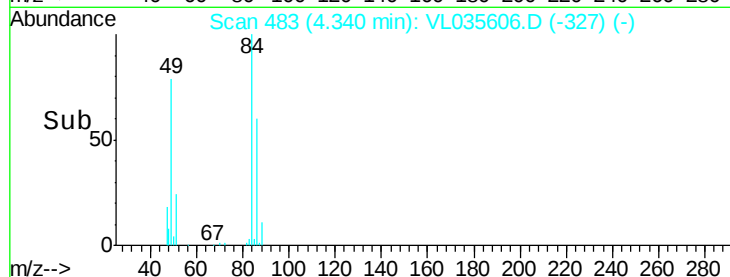
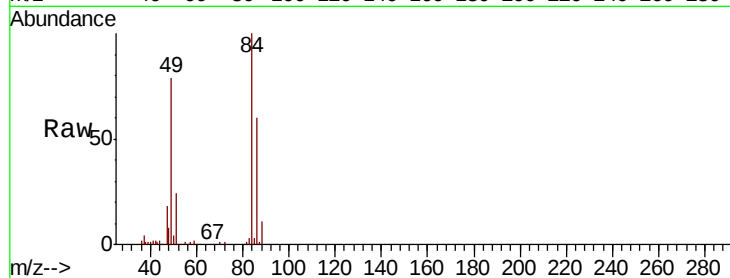
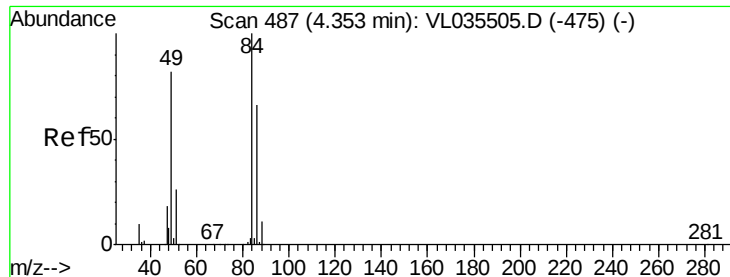
58 0.0 2.0 3.0#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

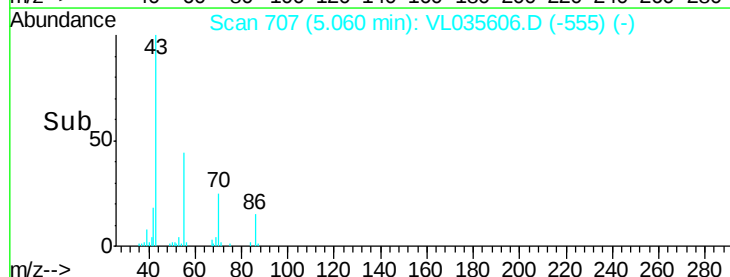
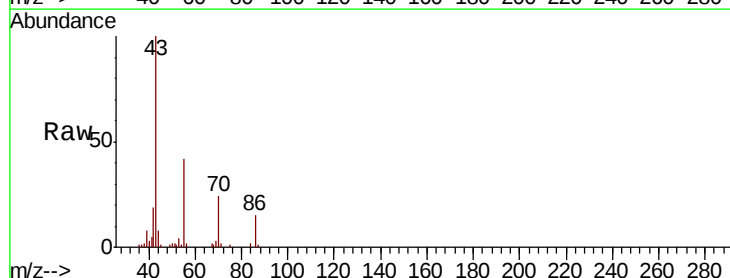
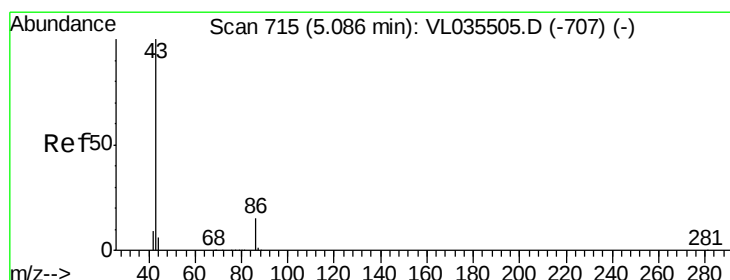
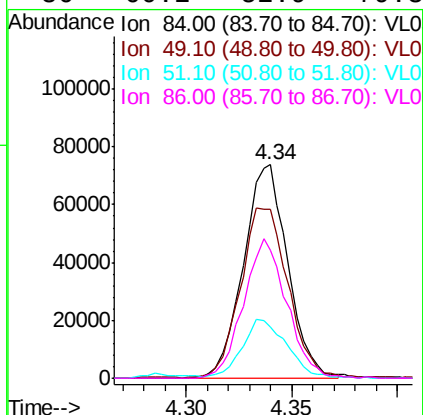




#20
Methylene Chloride
Concen: 1.272 ppbv
RT: 4.34 min Scan# 483
Delta R.T. 0.00 min
Lab File: VL035606.D
Acq: 14 Sep 2020 19:46

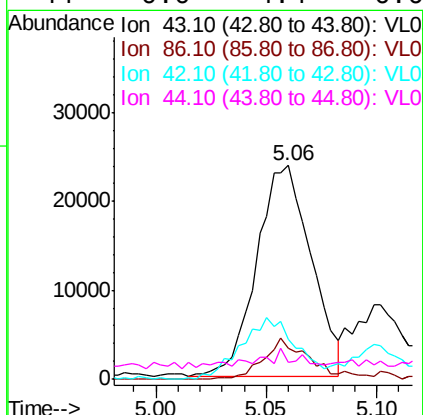
Instrument :
MSVOA_L
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SV-9

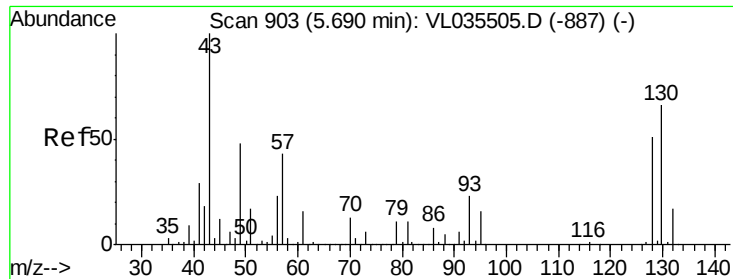
Tot Ion:	84	Resp:	107594
Ion	Ratio	Lower	Upper
84	100		
49	78.1	65.4	98.0
51	23.7	21.5	32.3
86	60.2	52.9	79.3



#23
Vinyl Acetate
Concen: 0.278 ppbv
RT: 5.06 min Scan# 707
Delta R.T. -0.01 min
Lab File: VL035606.D
Acq: 14 Sep 2020 19:46

Tgt Ion:	43	Resp:	40501
Ion	Ratio	Lower	Upper
43	100		
86	14.9	10.6	16.0
42	18.1	7.5	11.3#
44	0.0	4.4	6.6#

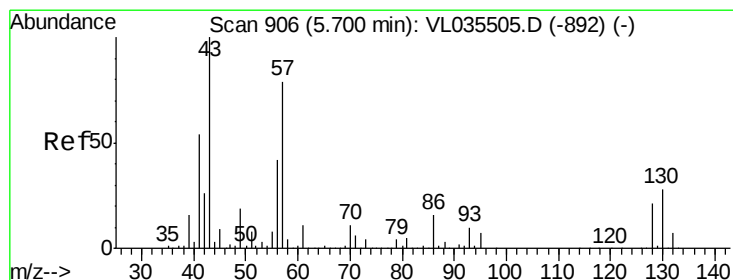
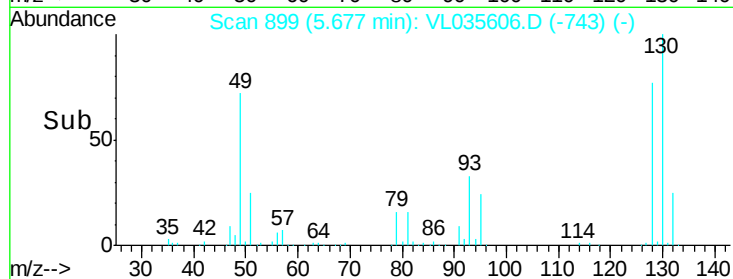
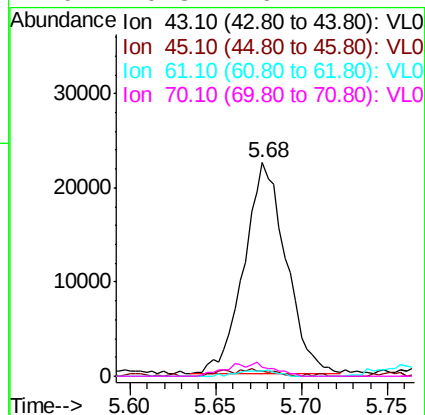
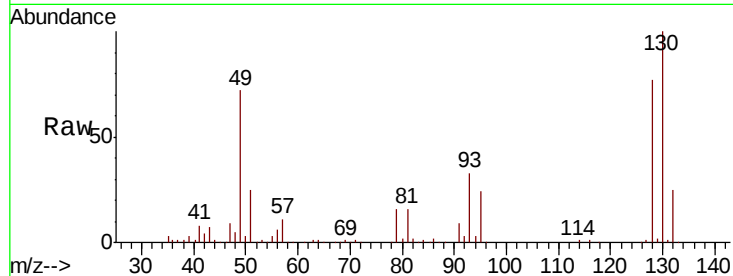




#25
Ethyl Acetate
Concen: 0.191 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.00 min
Lab File: VL035606.D
Acq: 14 Sep 2020 19:46

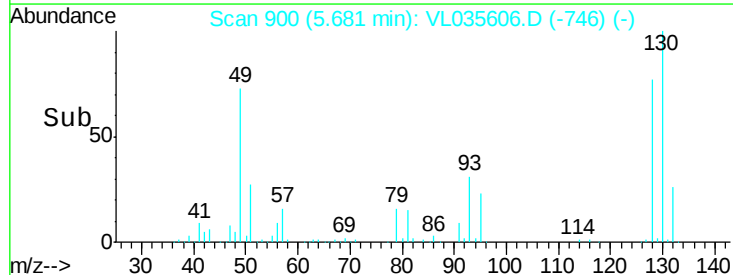
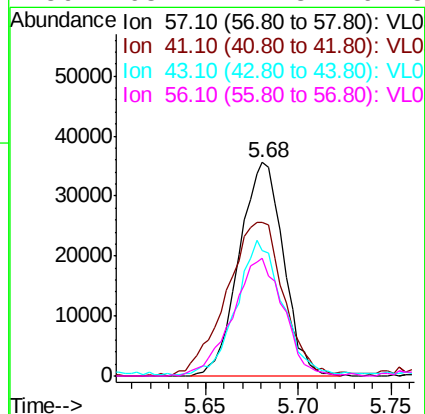
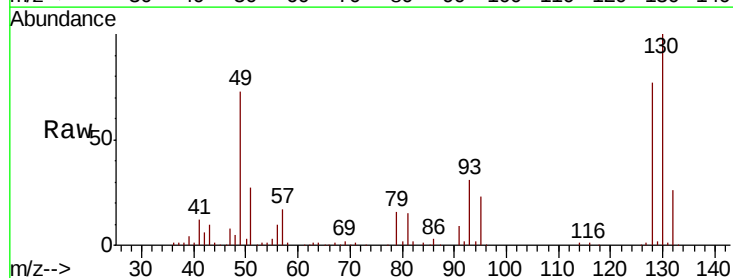
Instrument :
MSVOA_L
ClientSampleId :
SV-9

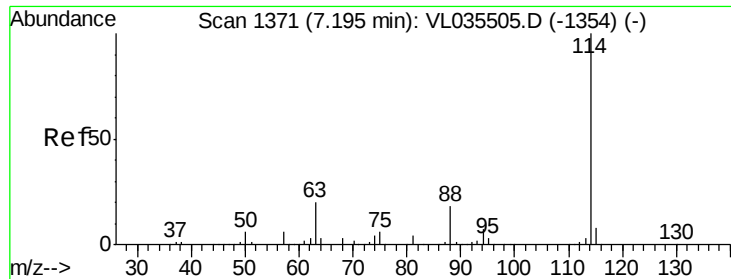
Tot Ion:	43	Resp:	38226
Ion	Ratio	Lower	Upper
43	100		
45	4.4	8.4	12.6#
61	2.4	10.6	16.0#
70	6.8	9.4	14.2#



#26
Hexane
Concen: 0.520 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.00 min
Lab File: VL035606.D
Acq: 14 Sep 2020 19:46

Tgt Ion:	57	Resp:	59063
Ion	Ratio	Lower	Upper
57	100		
41	93.4	55.9	83.9#
43	64.5	141.8	212.8#
56	63.2	41.8	62.8#

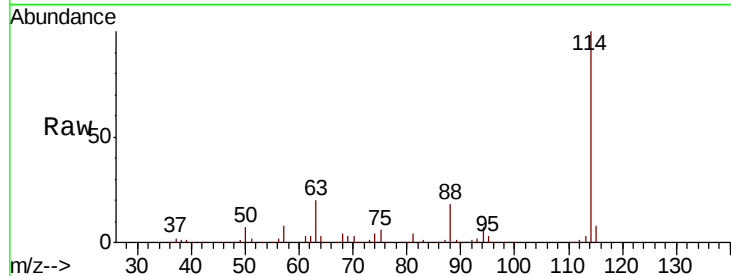




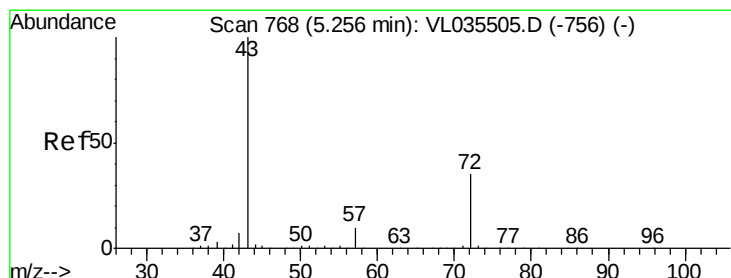
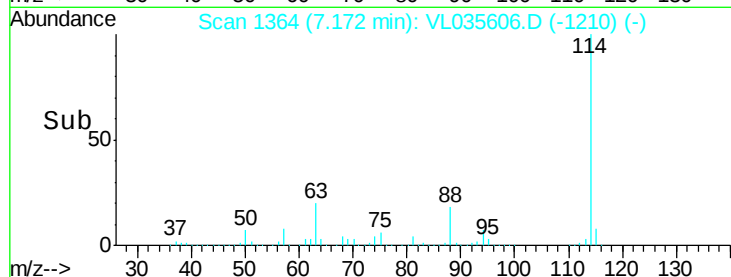
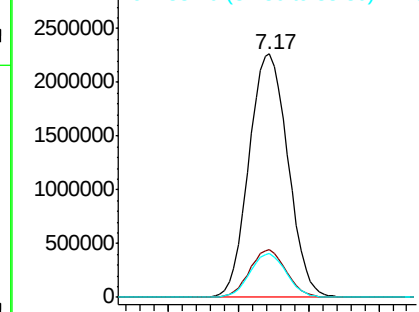
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VL035606.D
 Acq: 14 Sep 2020 19:46

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-9

Tot Ion:114 Resp: 4392504
 Ion Ratio Lower Upper
 114 100
 63 18.5 14.7 22.1
 88 17.0 13.4 20.2

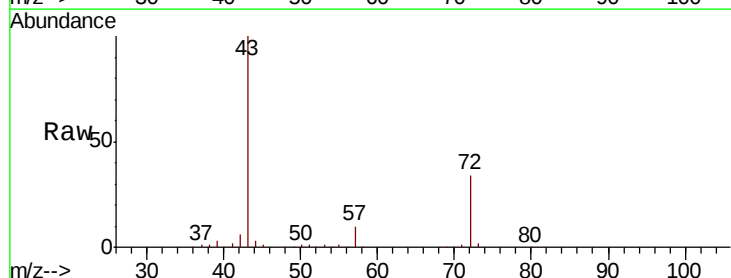


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

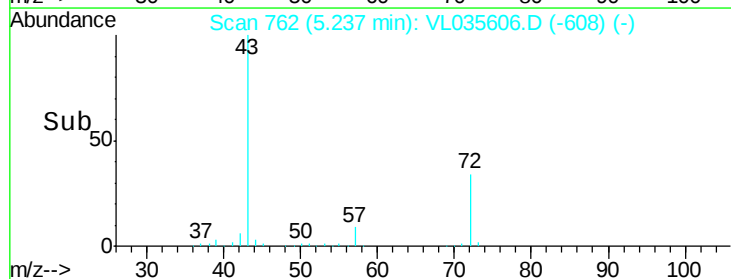
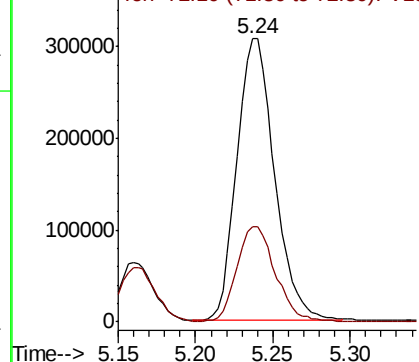


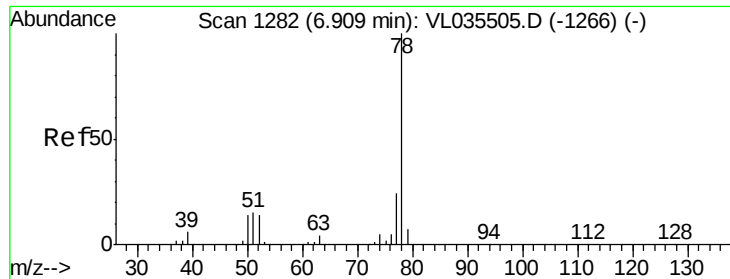
#34
 2-Butanone
 Concen: 3.986 ppbv
 RT: 5.24 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VL035606.D
 Acq: 14 Sep 2020 19:46

Tgt Ion: 43 Resp: 519658
 Ion Ratio Lower Upper
 43 100
 72 35.1 27.7 41.5



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

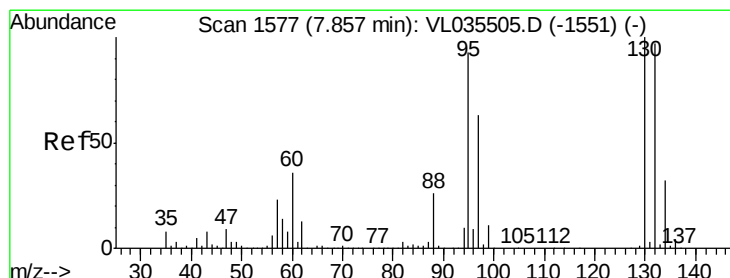
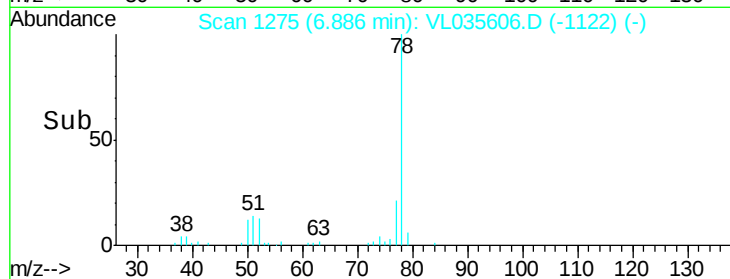
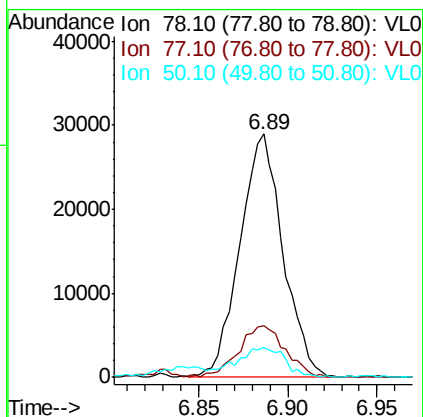
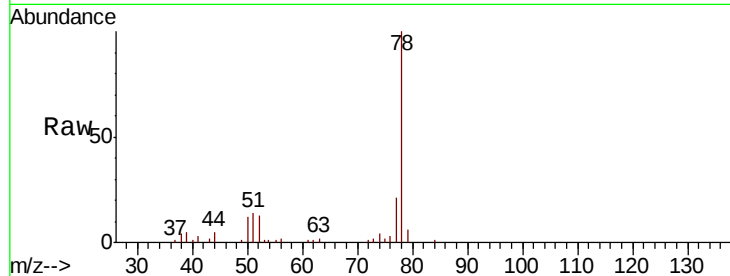




#36
Benzene
Concen: 0.172 ppbv
RT: 6.89 min Scan# 1275
Delta R.T. -0.01 min
Lab File: VL035606.D
Acq: 14 Sep 2020 19:46

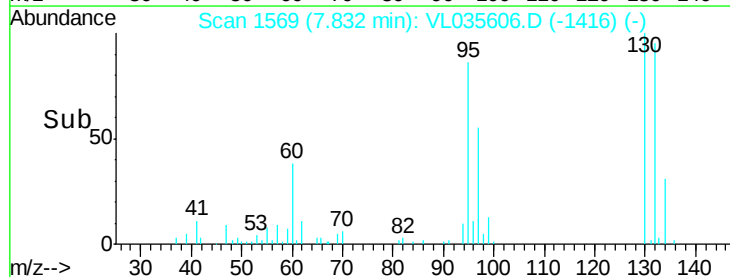
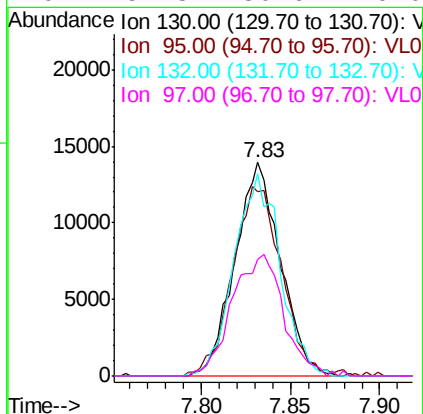
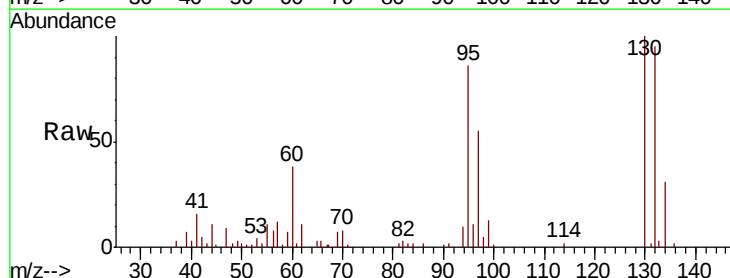
Instrument :
MSVOA_L
ClientSampleId :
SV-9

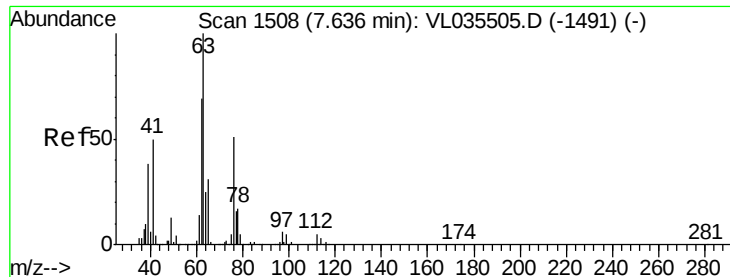
Tot Ion: 78 Resp: 48885
Ion Ratio Lower Upper
78 100
77 21.2 19.3 28.9
50 12.3 11.0 16.6



#38
Trichloroethene
Concen: 0.150 ppbv
RT: 7.83 min Scan# 1569
Delta R.T. -0.01 min
Lab File: VL035606.D
Acq: 14 Sep 2020 19:46

Tgt Ion: 130 Resp: 24835
Ion Ratio Lower Upper
130 100
95 84.4 74.6 112.0
132 94.6 77.6 116.4
97 54.8 50.6 76.0

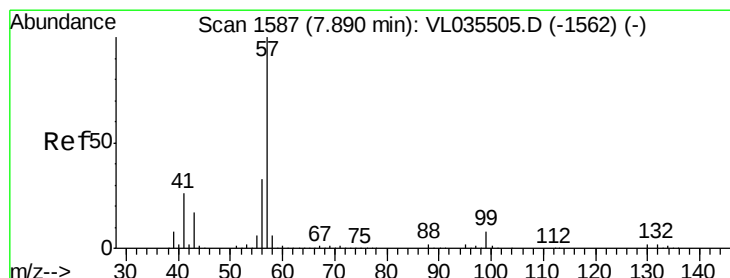
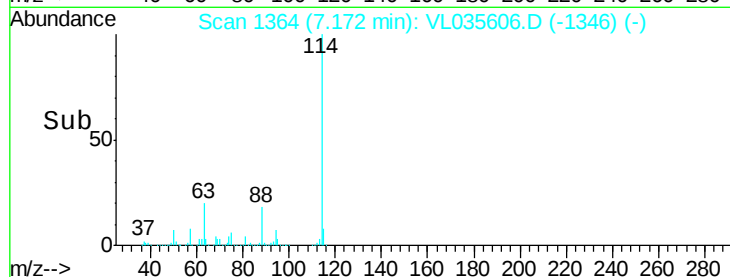
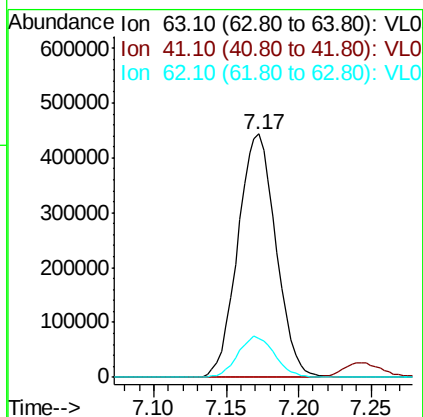
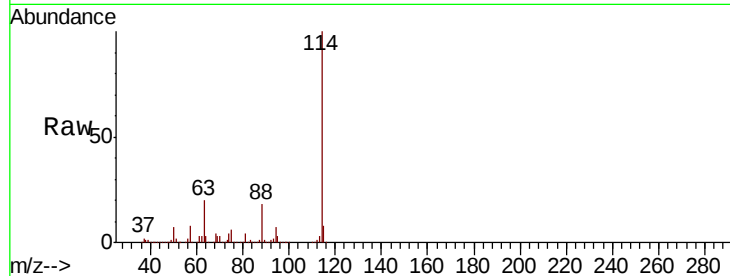




#39
 1,2-Dichloropropane
 Concen: 8.437 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.44 min
 Lab File: VL035606.D
 Acq: 14 Sep 2020 19:46

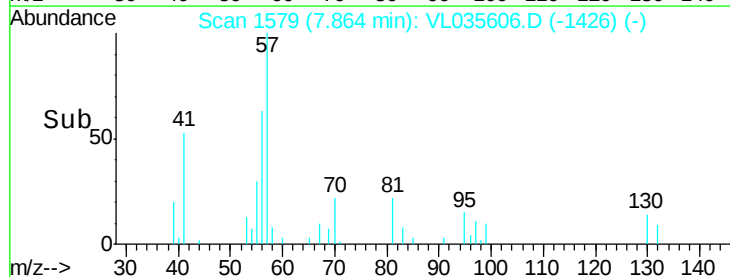
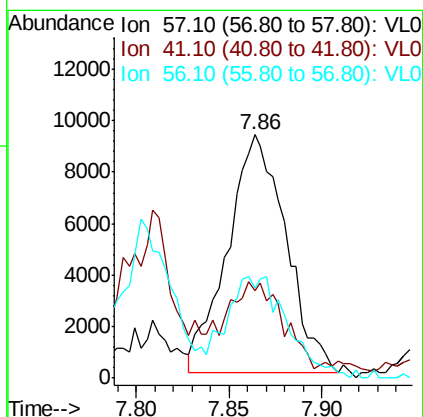
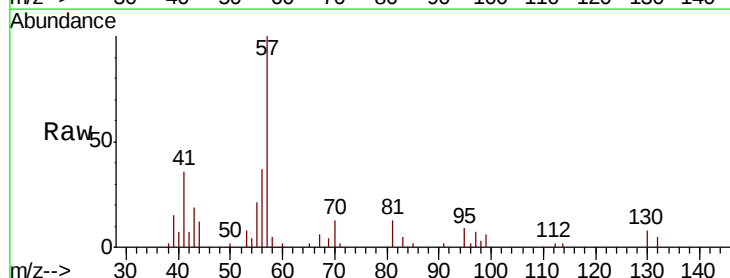
Instrument :
 MSVOA_L
 ClientSampleId :
 SV-9

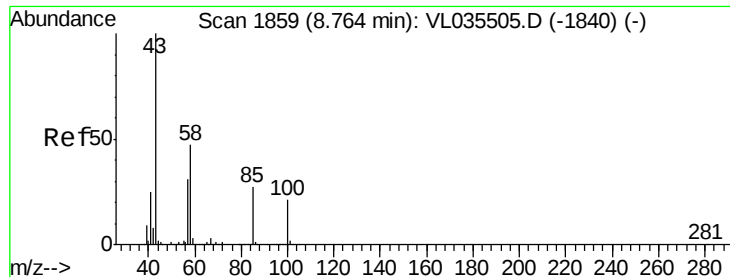
Tot Ion	Ratio	Lower	Upper
63	100		
41	0.0	40.0	60.0#
62	15.9	55.4	83.0#



#44
 2,2,4-Trimethylpentane
 Concen: 0.054 ppbv
 RT: 7.86 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: VL035606.D
 Acq: 14 Sep 2020 19:46

Tgt Ion	Ratio	Lower	Upper
57	100		
41	33.7	20.5	30.7#
56	44.4	25.3	37.9#

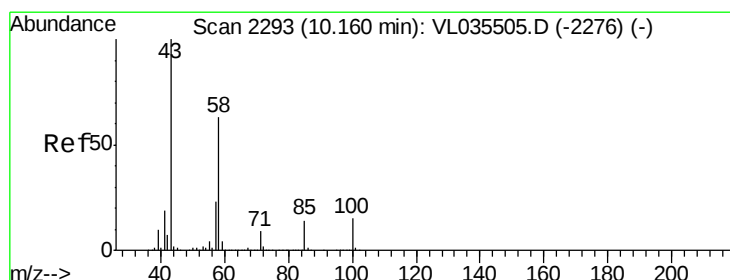
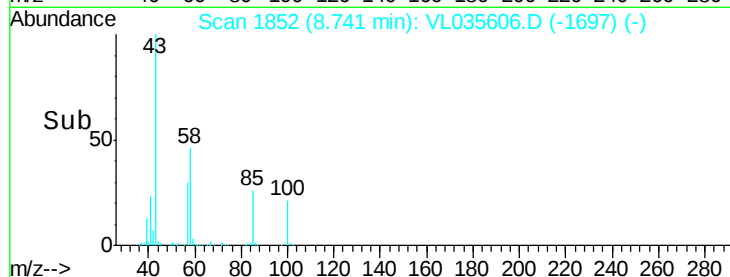
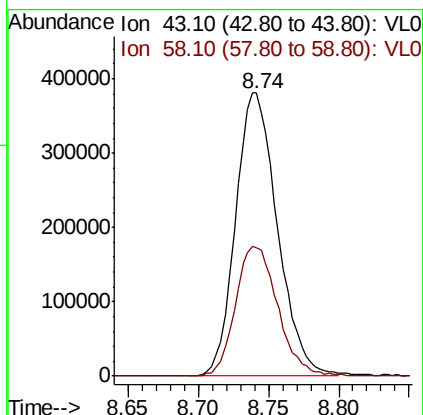
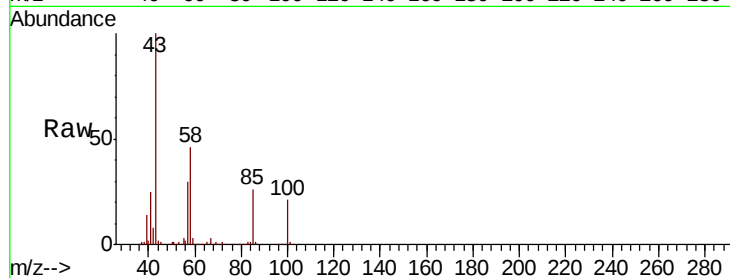




#50
4-Methyl-2-Pentanone
Concen: 4.186 ppbv
RT: 8.74 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VL035606.D
Acq: 14 Sep 2020 19:46

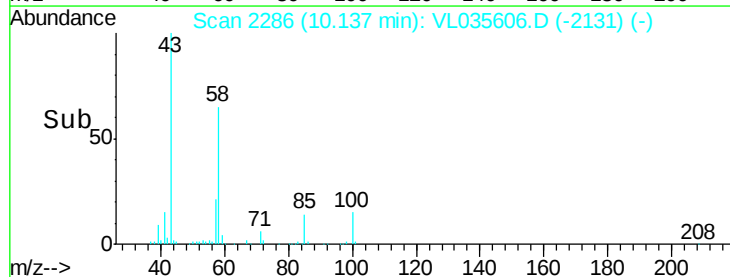
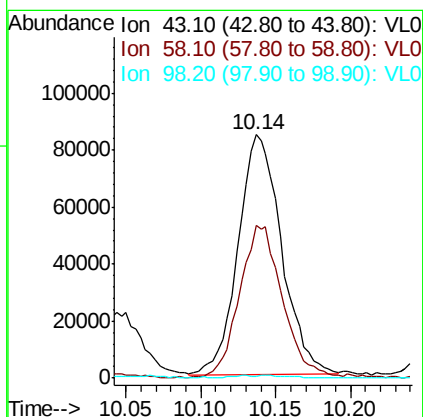
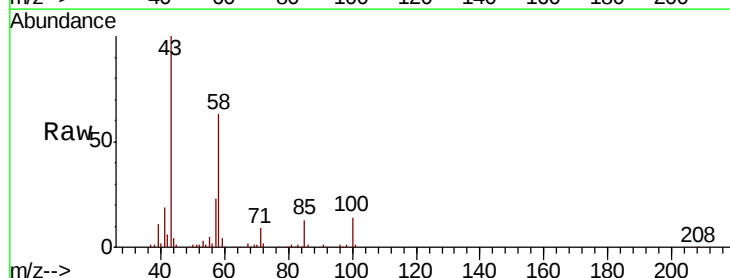
Instrument :
MSVOA_L
ClientSampleID :
SV-9

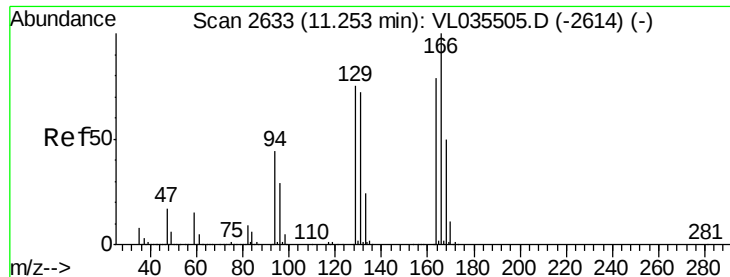
Tot Ion: 43 Resp: 790078
Ion Ratio Lower Upper
43 100
58 46.7 37.4 56.0



#51
2-Hexanone
Concen: 1.097 ppbv
RT: 10.14 min Scan# 2286
Delta R.T. -0.00 min
Lab File: VL035606.D
Acq: 14 Sep 2020 19:46

Tgt Ion: 43 Resp: 169828
Ion Ratio Lower Upper
43 100
58 63.9 50.2 75.4
98 1.5 0.4 0.6#





#52

Tetrachloroethene

Concen: 4.539 ppbv

RT: 11.22 min Scan# 2624

Delta R.T. -0.01 min

Lab File: VL035606.D

Acq: 14 Sep 2020 19:46

Instrument :

MSVOA_L

ClientSampleId :

SV-9

Tot Ion:164 Resp: 753946

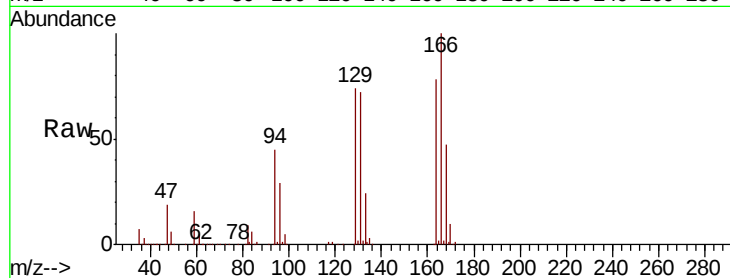
Ion Ratio Lower Upper

164 100

166 128.0 100.9 151.3

129 95.2 75.3 112.9

131 91.6 73.0 109.4

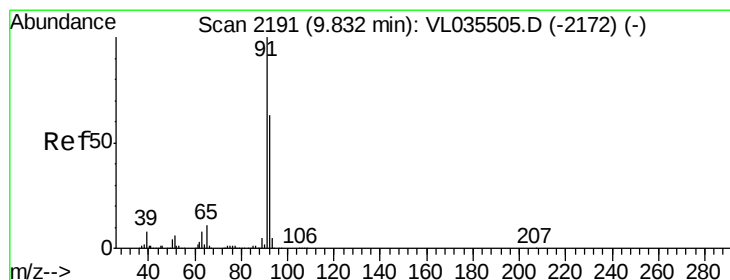
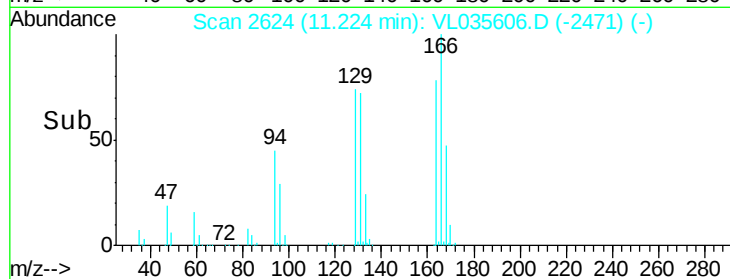
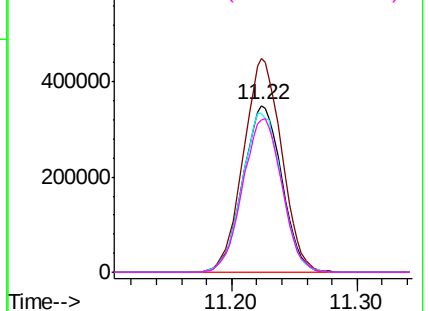


Abundance Ion 163.90 (163.60 to 164.60): V

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



#53

Toluene

Concen: 6.623 ppbv

RT: 9.81 min Scan# 2183

Delta R.T. -0.01 min

Lab File: VL035606.D

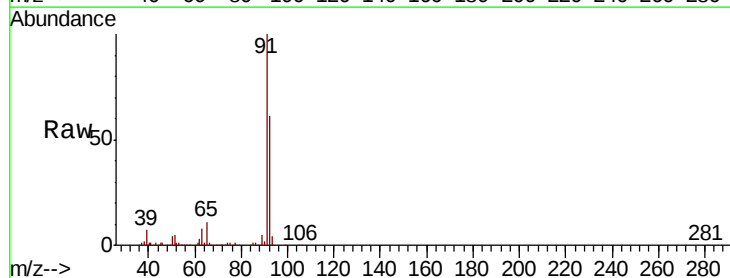
Acq: 14 Sep 2020 19:46

Tgt Ion: 91 Resp: 2367987

Ion Ratio Lower Upper

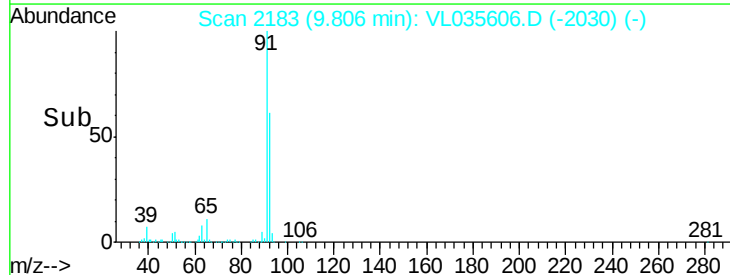
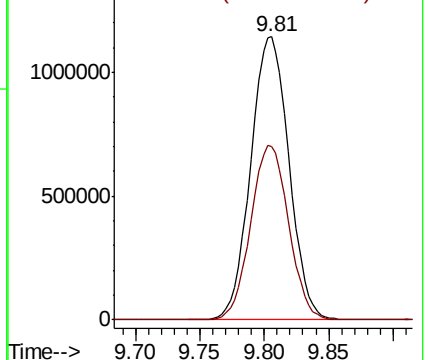
91 100

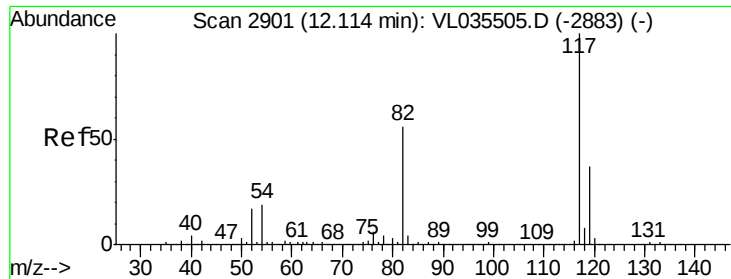
92 61.4 49.8 74.8



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

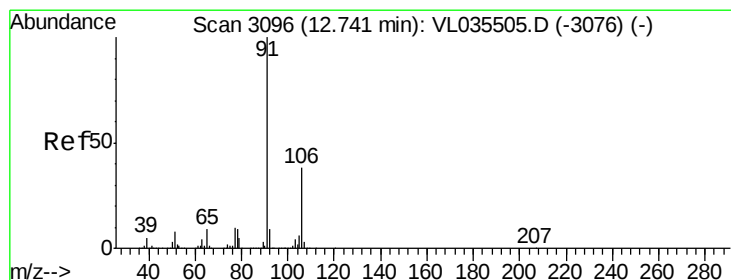
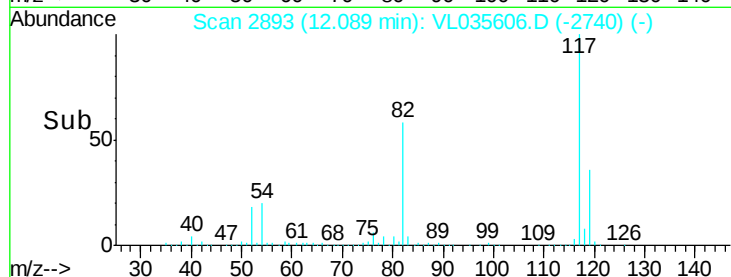
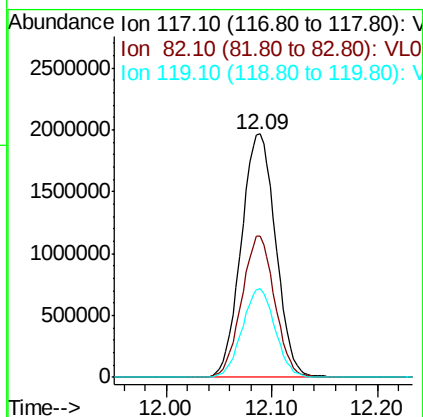
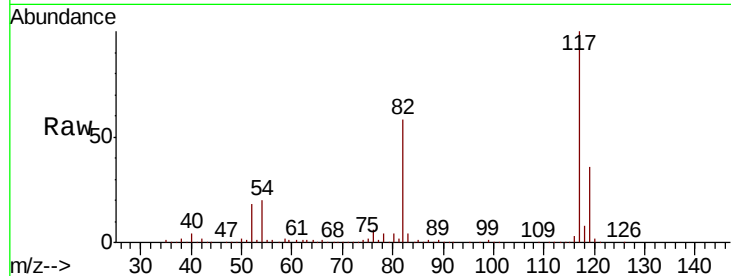




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL035606.D
Acq: 14 Sep 2020 19:46

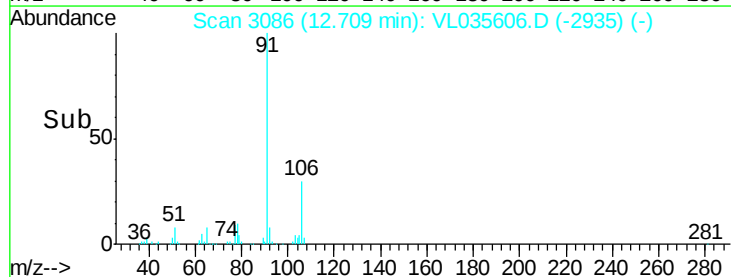
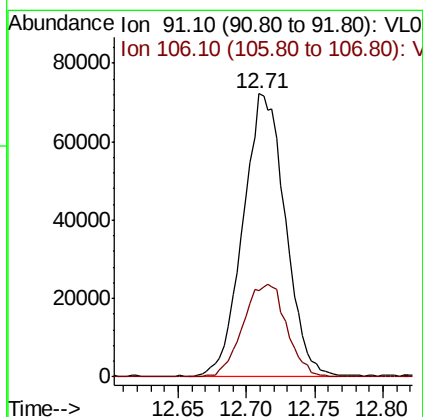
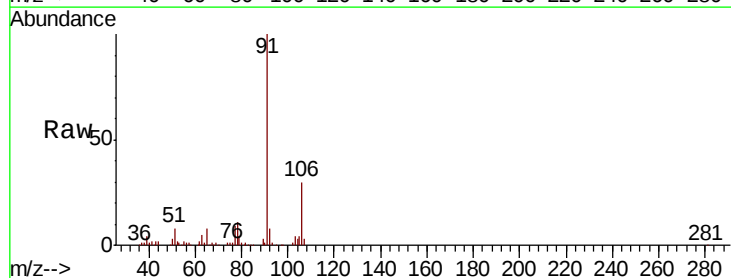
Instrument :
MSVOA_L
ClientSampleId :
SV-9

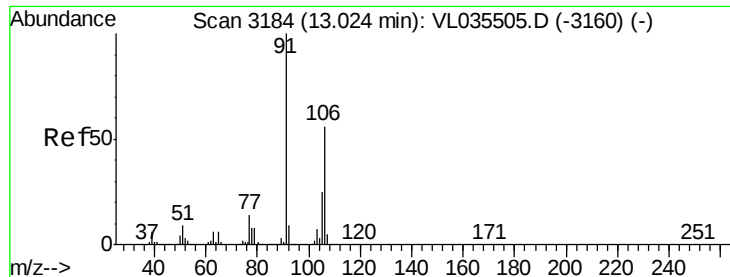
Tot Ion:117 Resp: 4466767
Ion Ratio Lower Upper
117 100
82 55.7 41.6 62.4
119 34.9 29.3 43.9



#58
Ethyl Benzene
Concen: 0.338 ppbv
RT: 12.71 min Scan# 3086
Delta R.T. -0.01 min
Lab File: VL035606.D
Acq: 14 Sep 2020 19:46

Tgt Ion: 91 Resp: 155699
Ion Ratio Lower Upper
91 100
106 30.3 30.3 45.5#

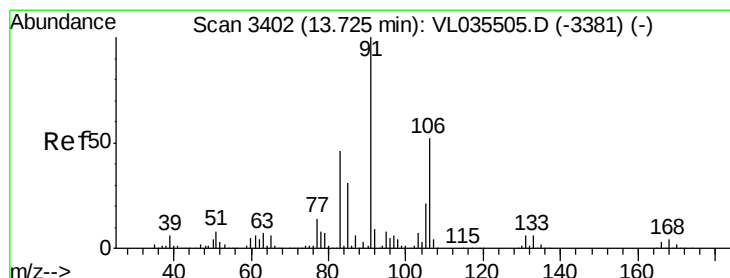
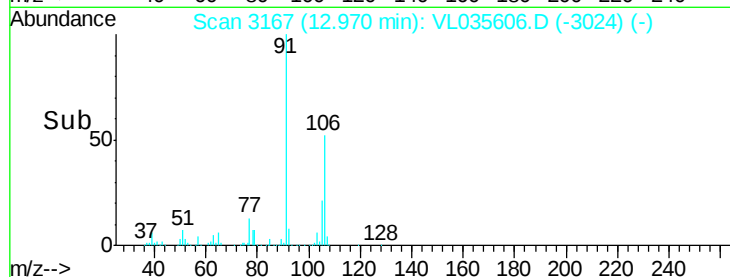
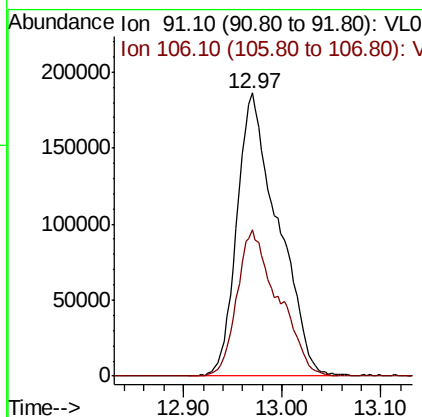
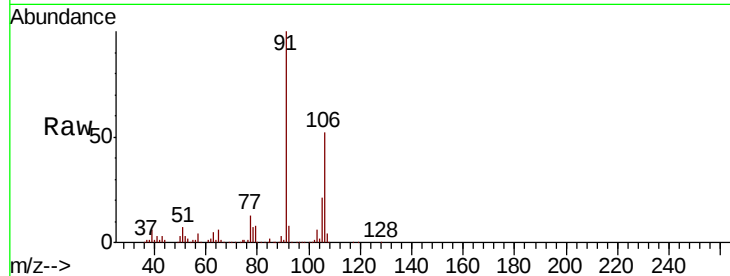




#59
m/p-Xylene
Concen: 1.395 ppbv
RT: 12.97 min Scan# 3167
Delta R.T. -0.04 min
Lab File: VL035606.D
Acq: 14 Sep 2020 19:46

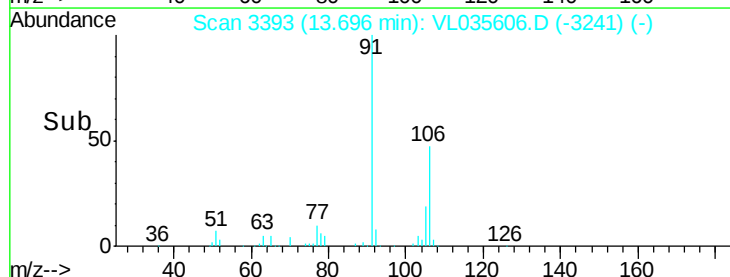
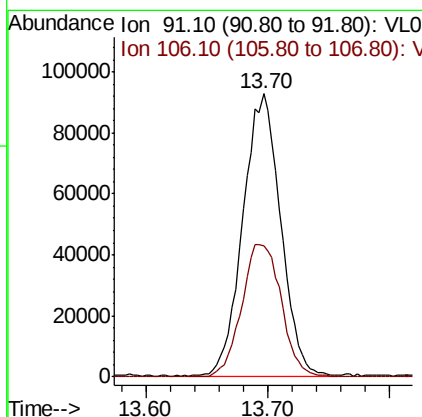
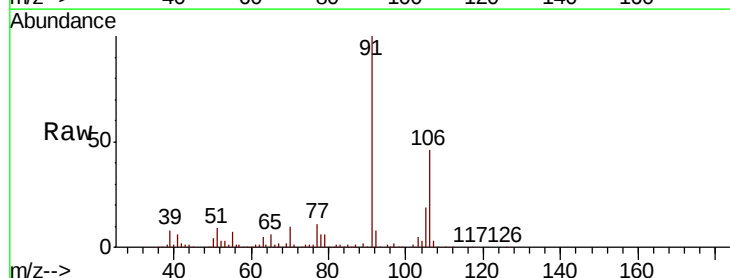
Instrument :
MSVOA_L
ClientSampleId :
SV-9

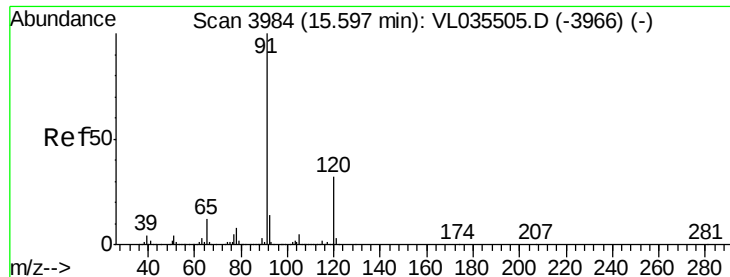
Tot Ion: 91 Resp: 536799
Ion Ratio Lower Upper
91 100
106 51.7 43.4 65.2



#60
o-Xylene
Concen: 0.509 ppbv
RT: 13.70 min Scan# 3393
Delta R.T. -0.01 min
Lab File: VL035606.D
Acq: 14 Sep 2020 19:46

Tgt Ion: 91 Resp: 197414
Ion Ratio Lower Upper
91 100
106 49.4 25.8 77.4





#64

n-propylbenzene

Concen: 0.062 ppbv

RT: 15.56 min Scan# 3974

Delta R.T. -0.01 min

Lab File: VL035606.D

Acq: 14 Sep 2020 19:46

Instrument :

MSVOA_L

ClientSampleId :

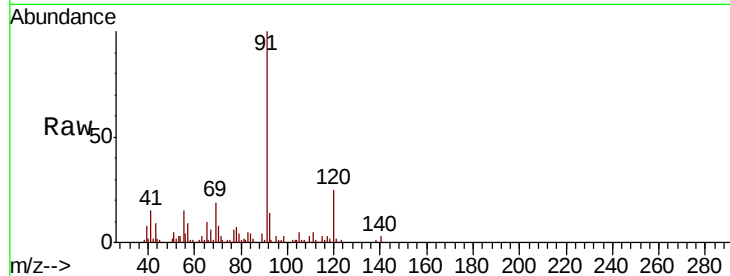
SV-9

Tot Ion:120 Resp: 11839

Ion Ratio Lower Upper

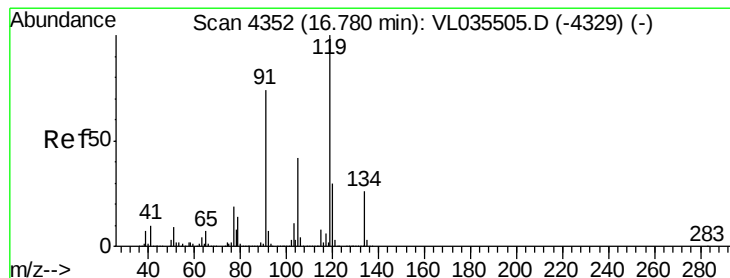
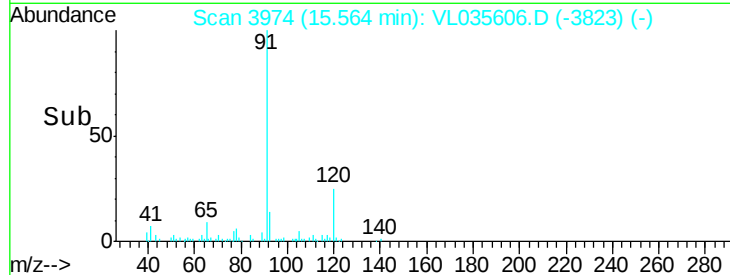
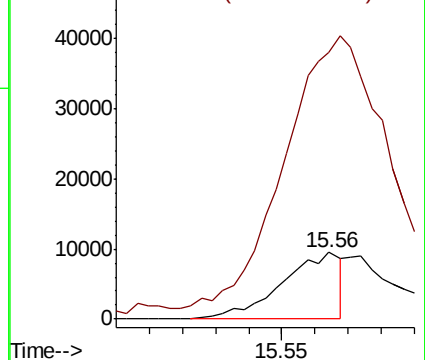
120 100

91 793.1 279.4 419.0#



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#65

tert-Butylbenzene

Concen: 0.067 ppbv

RT: 16.77 min Scan# 4349

Delta R.T. 0.01 min

Lab File: VL035606.D

Acq: 14 Sep 2020 19:46

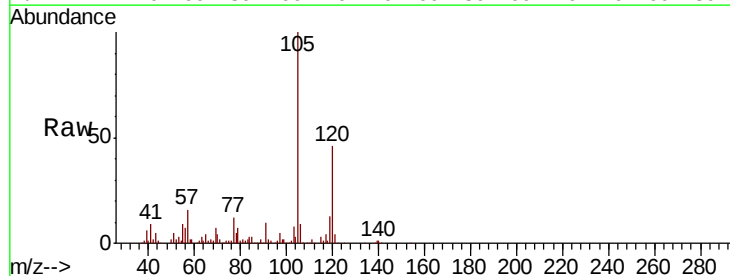
Tgt Ion:119 Resp: 38609

Ion Ratio Lower Upper

119 100

91 96.7 58.6 87.8#

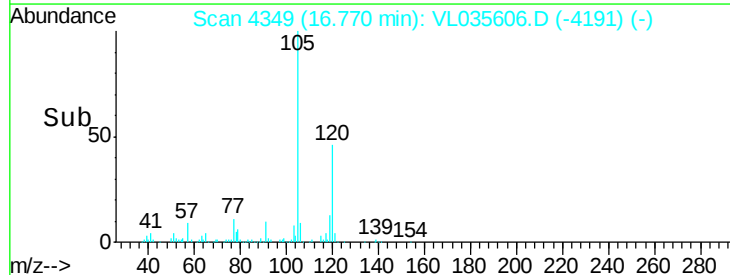
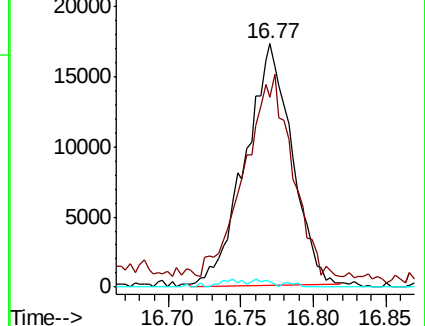
134 3.3 18.9 28.3#

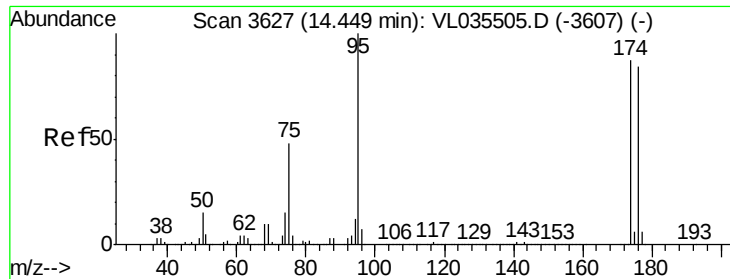


Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V

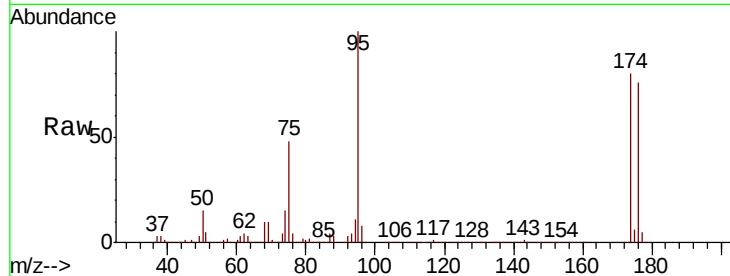




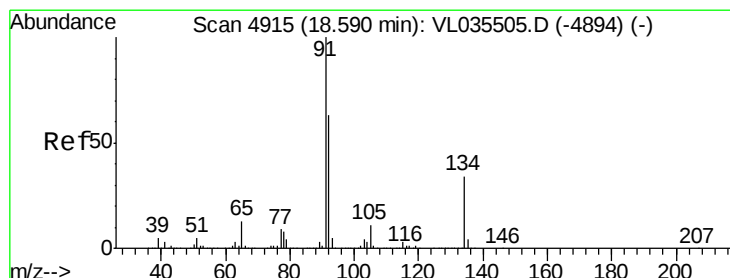
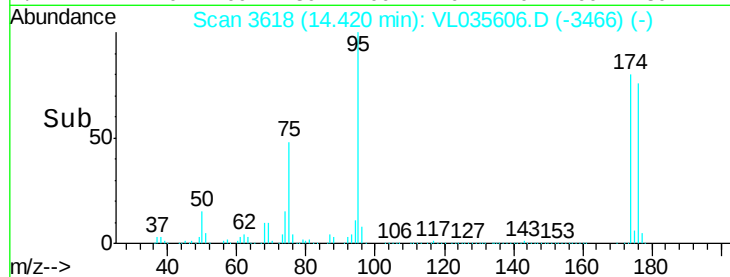
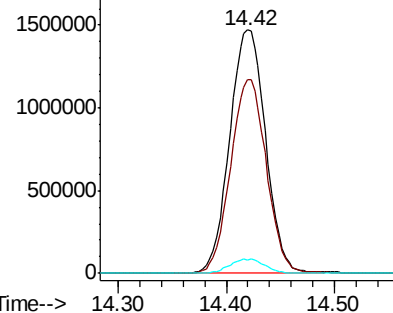
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.731 ppbv
 RT: 14.42 min Scan# 3618
 Delta R.T. -0.01 min
 Lab File: VL035606.D
 Acq: 14 Sep 2020 19:46

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-9

Tot Ion: 95 Resp: 3404080
 Ion Ratio Lower Upper
 95 100
 174 79.7 69.6 104.4
 175 5.8 5.1 7.7

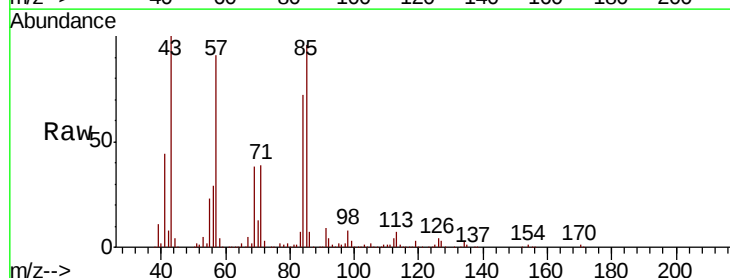


Abundance Ion 95.10 (94.80 to 95.80): VL0
 Ion 174.00 (173.70 to 174.70): V
 Ion 175.00 (174.70 to 175.70): V

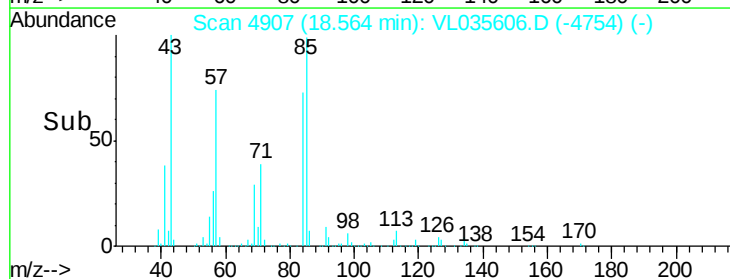
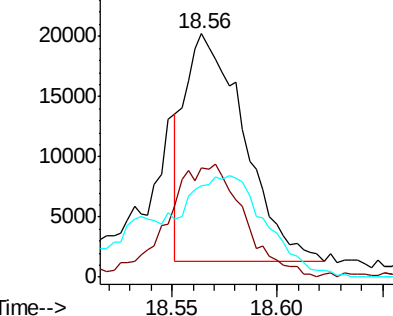


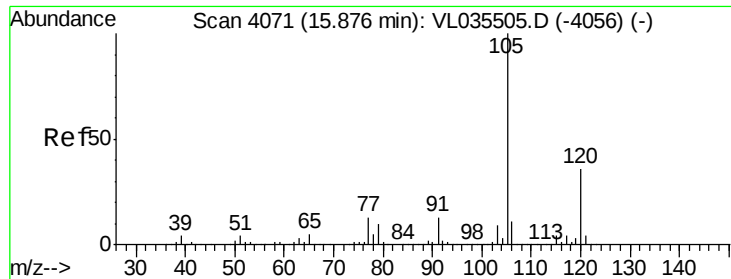
#70
 n-Butylbenzene
 Concen: 0.057 ppbv
 RT: 18.56 min Scan# 4907
 Delta R.T. -0.01 min
 Lab File: VL035606.D
 Acq: 14 Sep 2020 19:46

Tgt Ion: 91 Resp: 37003
 Ion Ratio Lower Upper
 91 100
 92 65.5 47.3 70.9
 134 86.2 24.6 37.0#



Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0
 Ion 134.20 (133.90 to 134.90): V





#72

4-Ethyltoluene

Concen: 0.225 ppbv

RT: 15.85 min Scan# 4062

Delta R.T. -0.01 min

Lab File: VL035606.D

Acq: 14 Sep 2020 19:46

Instrument :

MSVOA_L

ClientSampleId :

SV-9

Tot Ion:105 Resp: 111106

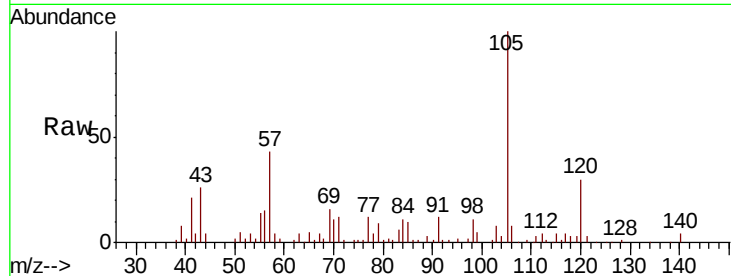
Ion Ratio Lower Upper

105 100

120 31.5 27.4 41.2

91 11.2 9.7 14.5

77 12.0 9.6 14.4

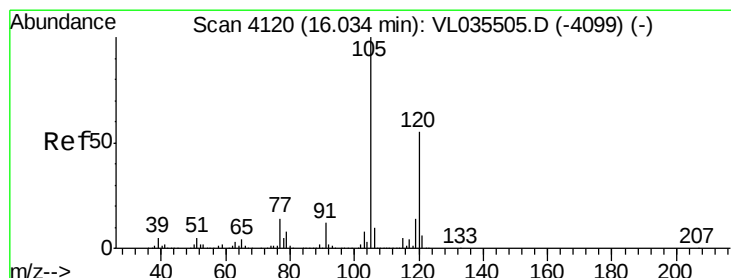
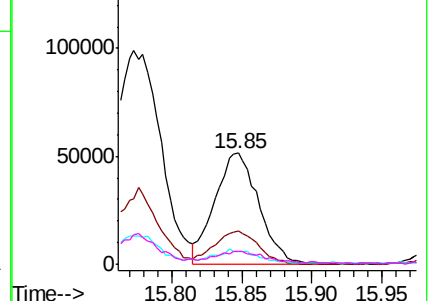
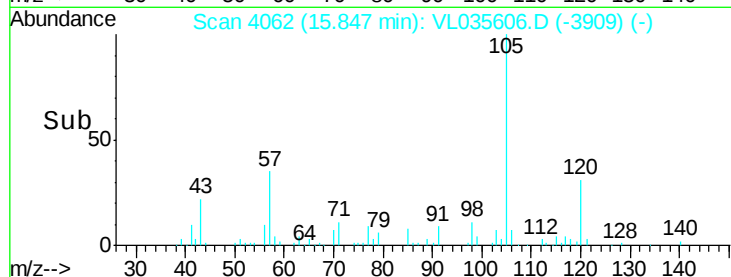


Abundance Ion 105.10 (104.80 to 105.80): V

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



#73

1,3,5-Trimethylbenzene

Concen: 0.155 ppbv

RT: 16.00 min Scan# 4111

Delta R.T. -0.01 min

Lab File: VL035606.D

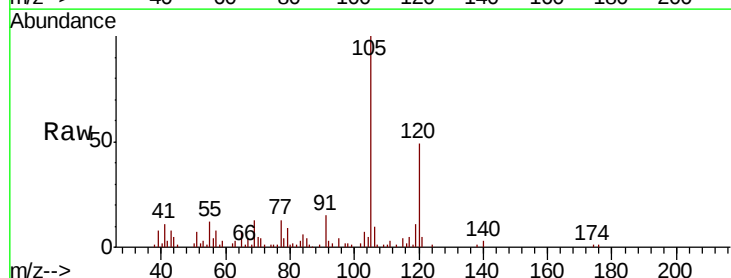
Acq: 14 Sep 2020 19:46

Tgt Ion:105 Resp: 70499

Ion Ratio Lower Upper

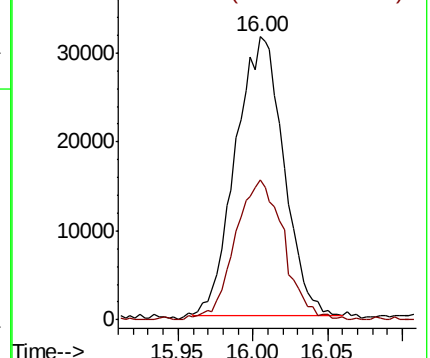
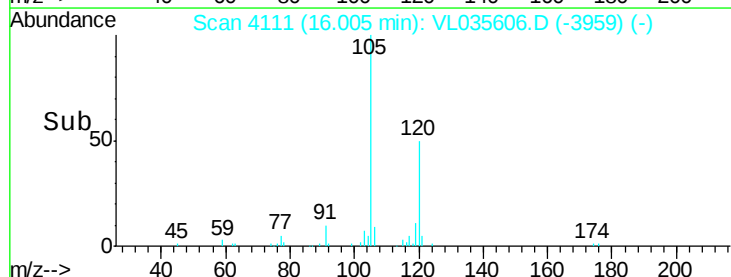
105 100

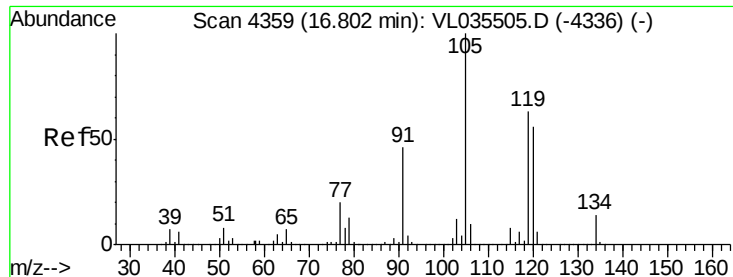
120 49.2 44.2 66.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

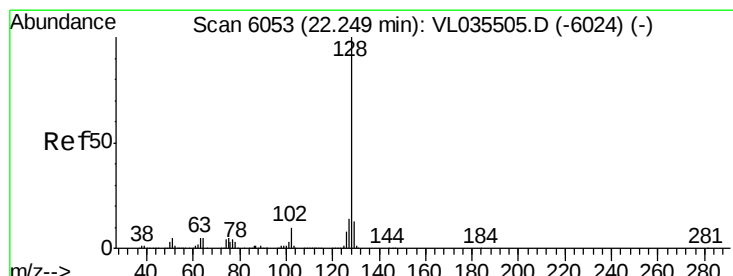
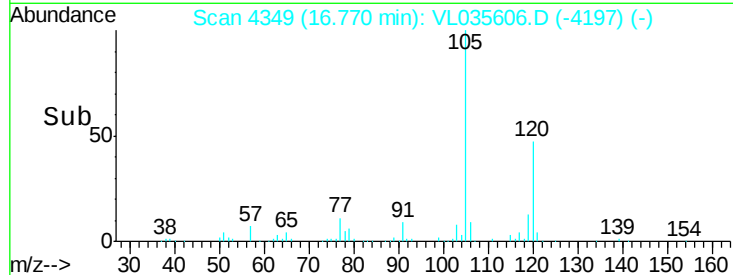
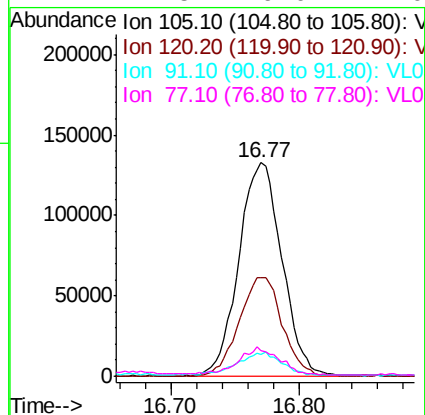
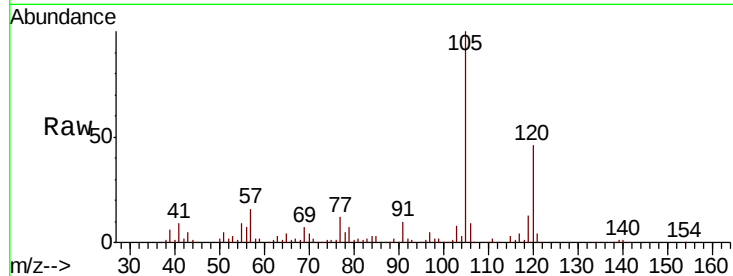




#74
 1,2,4-Trimethylbenzene
 Concen: 0.614 ppbv
 RT: 16.77 min Scan# 4349
 Delta R.T. -0.01 min
 Lab File: VL035606.D
 Acq: 14 Sep 2020 19:46

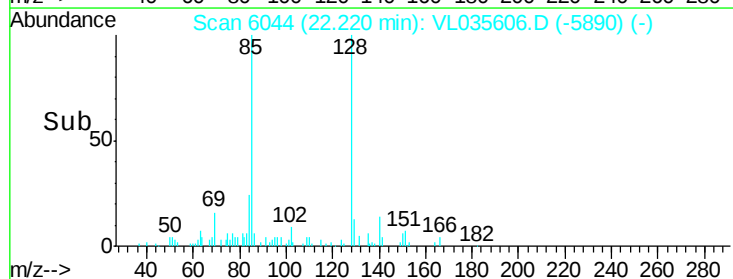
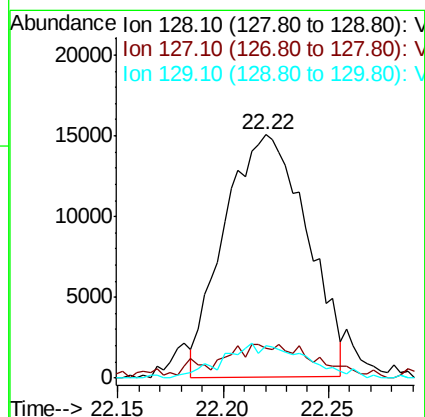
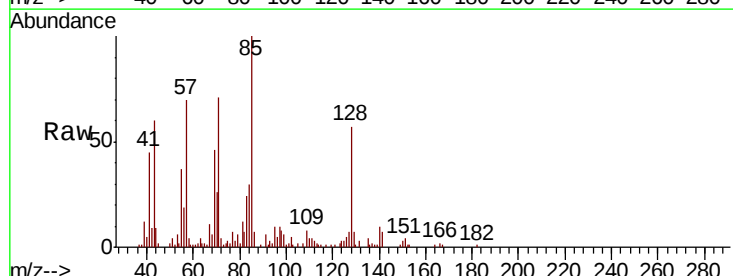
Instrument :
 MSVOA_L
 ClientSampleId :
 SV-9

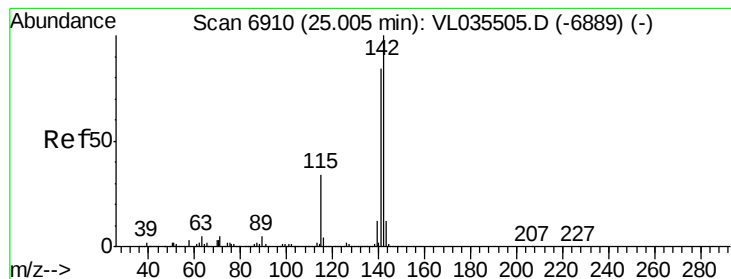
Tot Ion:	105	Resp:	307291
Ion	Ratio	Lower	Upper
105	100		
120	46.3	44.4	66.6
91	9.7	37.1	55.7#
77	11.5	16.0	24.0#



#79
 Naphthalene
 Concen: 0.073 ppbv
 RT: 22.22 min Scan# 6044
 Delta R.T. -0.00 min
 Lab File: VL035606.D
 Acq: 14 Sep 2020 19:46

Tgt Ion:	128	Resp:	40642
Ion	Ratio	Lower	Upper
128	100		
127	8.5	11.4	17.2#
129	12.1	10.5	15.7





#80

Naphthalene, 2-methyl-

Concen: 0.033 ppbv

RT: 24.99 min Scan# 6905

Delta R.T. -0.00 min

Lab File: VL035606.D

Acq: 14 Sep 2020 19:46

Instrument :

MSVOA_L

ClientSampleId :

SV-9

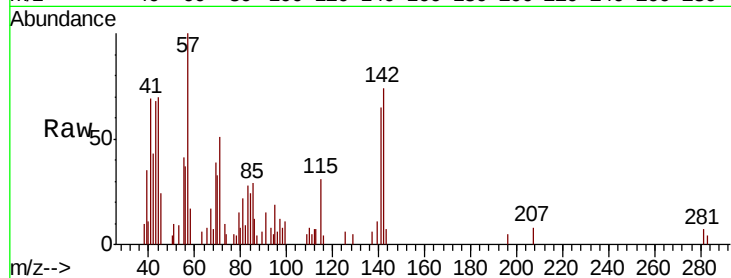
Tot Ion:142 Resp: 6205

Ion Ratio Lower Upper

142 100

141 113.6 67.6 101.4#

115 47.3 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

