

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070620\
 Data File : VL035150.D
 Acq On : 6 Jul 2020 17:52
 Operator : SY/AP
 Sample : VL0706ABS01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0706ABS01

Quant Time: Jul 07 05:04:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Sat Jun 20 02:10:36 2020
 QLast Update : Sat Jun 20 02:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1100379	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2629255	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	3135662	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	2137149	8.20	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	82.00%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.00	85	1323885	8.910	ppbv 98
3) Chlorodifluoromethane	2.94	51	1150576	9.465	ppbv 99
4) Chloromethane	3.09	50	639951	9.392	ppbv 100
5) Vinyl Chloride	3.21	62	660304	10.190	ppbv 96
6) Bromomethane	3.43	94	404810	10.060	ppbv 91
7) Chloroethane	3.52	64	247128	10.114	ppbv 96
8) Dichlorotetrafluoroethane	3.14	85	1515003	9.510	ppbv 99
9) Propene	2.96	41	464065	9.641	ppbv 99
10) Heptane	8.13	43	1297943	10.405	ppbv 100
11) Trichlorofluoromethane	3.92	101	1602378	10.095	ppbv 99
12) 1,1,2-Trichlorotrifluoroet	4.46	101	1132281	10.316	ppbv 100
13) Ethanol	3.57	45	132485	7.286	ppbv 95
14) Bromoethene	3.70	108	497964	10.525	ppbv 99
15) Acetone	3.81	43	1212722	9.116	ppbv 98
16) 1,3-Butadiene	3.29	39	592019	10.146	ppbv 100
17) tert-Butyl alcohol	4.26	59	1420396	12.047	ppbv 100
18) 1,1-Dichloroethene	4.26	96	517864	10.461	ppbv 91
19) Isopropyl Alcohol	3.93	45	929686	10.762	ppbv 99
20) Methylene Chloride	4.31	84	472958	8.784	ppbv 95
21) Allyl Chloride	4.38	41	866124	10.954	ppbv 98
22) trans-1,2-Dichloroethene	4.86	96	512924	11.074	ppbv 95
23) Vinyl Acetate	5.05	43	1742481	10.790	ppbv 99
24) 1,1-Dichloroethane	4.99	63	1320748	9.701	ppbv 99
25) Ethyl Acetate	5.66	43	2298865	9.575	ppbv 99
26) Hexane	5.67	57	1022966	9.450	ppbv 99
27) Carbon Disulfide	4.52	76	1529605	13.654	ppbv 99
28) Methyl tert-Butyl Ether	5.01	73	1615793	10.623	ppbv 100
29) Chloroform	5.74	83	1605913	9.480	ppbv 98
30) Cyclohexane	7.12	84	854722	11.002	ppbv 98
31) cis-1,2-Dichloroethene	5.54	61	1011005	10.132	ppbv 94
32) 1,1,1-Trichloroethane	6.50	97	1602636	10.200	ppbv 99
34) 2-Butanone	5.22	43	1436380	9.513	ppbv 99
35) Carbon Tetrachloride	7.02	117	1655173	10.496	ppbv 98
36) Benzene	6.89	78	2034278	9.992	ppbv 99
37) 1,2-Dichloroethane	6.30	62	1256048	9.762	ppbv 99
38) Trichloroethene	7.84	130	796658	10.074	ppbv 96
39) 1,2-Dichloropropane	7.62	63	794776	9.981	ppbv 97
40) 1,4-Dioxane	7.83	88	298049	9.489	ppbv # 97
41) Tetrahydrofuran	6.03	42	798940	10.360	ppbv 99
42) Bromodichloromethane	7.80	83	1733965	10.405	ppbv 96
43) Methyl Methacrylate	8.02	69	929486	10.786	ppbv 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070620\
 Data File : VL035150.D
 Acq On : 6 Jul 2020 17:52
 Operator : SY/AP
 Sample : VL0706ABS01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0706ABS01

Quant Time: Jul 07 05:04:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Sat Jun 20 02:10:36 2020
 QLast Update : Sat Jun 20 02:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	3481065	9.796	ppbv	99
45) t-1,3-Dichloropropene	9.29	75	1039854	12.399	ppbv	99
46) cis-1,3-Dichloropropene	8.71	75	1235656	11.860	ppbv	98
47) 1,1,2-Trichloroethane	9.49	97	848966	9.769	ppbv	98
48) Dibromochloromethane	10.33	129	1437001	11.091	ppbv	100
49) Bromoform	13.07	173	1222638	11.108	ppbv	100
50) 4-Methyl-2-Pentanone	8.75	43	2177975	10.152	ppbv	100
51) 2-Hexanone	10.15	43	1748926	10.410	ppbv #	100
52) Tetrachloroethene	11.25	164	722061	10.065	ppbv	93
53) Toluene	9.82	91	2339745	10.774	ppbv	100
54) 1,2-Dibromoethane	10.64	107	1267610	9.851	ppbv	95
56) 1,1,1,2-Tetrachloroethane	12.15	131	1078445	8.404	ppbv	97
57) Chlorobenzene	12.18	112	1773892	7.688	ppbv	99
58) Ethyl Benzene	12.74	91	3133579	8.894	ppbv	97
59) m/p-Xylene	13.01	91	472445	1.513	ppbv #	31
60) o-Xylene	13.72	91	2588183	8.326	ppbv	99
61) Styrene	13.56	104	1815139	9.280	ppbv	99
62) Isopropylbenzene	14.70	105	3756794	8.099	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.71	83	1760084	6.991	ppbv	99
64) n-propylbenzene	15.59	120	981905	8.295	ppbv	96
65) tert-Butylbenzene	16.78	119	3263125	8.215	ppbv	100
66) Benzyl Chloride	17.03	91	1292156	10.531	ppbv	100
67) sec-Butylbenzene	17.33	105	4636383	8.144	ppbv	100
69) p-Isopropyltoluene	17.69	119	3873737	8.531	ppbv	99
70) n-Butylbenzene	18.59	91	4170166	8.525	ppbv	99
71) 2-Chlorotoluene	15.49	91	2905301	8.286	ppbv	99
72) 4-Ethyltoluene	15.87	105	2970944	8.592	ppbv	100
73) 1,3,5-Trimethylbenzene	16.03	105	2780381	8.506	ppbv	99
74) 1,2,4-Trimethylbenzene	16.80	105	2932478	8.038	ppbv	94
75) 1,3-Dichlorobenzene	17.03	146	1689781	7.761	ppbv	100
76) 1,4-Dichlorobenzene	17.18	146	1706570	8.194	ppbv	99
77) 1,2-Dichlorobenzene	17.86	146	1642965	8.247	ppbv	100
78) Hexachloro-1,3-Butadiene	23.42	225	900505	5.029	ppbv #	18
79) Naphthalene	22.25	128	3520770	11.008	ppbv	98
80) Naphthalene, 2-methyl-	25.01	142	1308985	10.703	ppbv	99
81) 1,2,4-Trichlorobenzene	21.99	180	1869782	10.134	ppbv	98

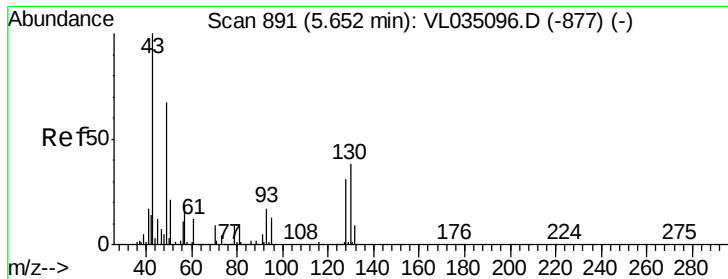
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Abundance

TIC: VL035150.D

Time-->

Chlorodifluoromethane, T
Dichlorodifluoromethane, T
Carbon monoxide, T
Ethyl acetate, T
Isopropyl alcohol, T
Methyl acetate, T
Acetone, T
Benzene, T
Cyclohexane, T
trans-1,2-Dichloroethane, T
cis-1,2-Dichloroethane, T
Tetrahydrofuran, T
1,2-Dichloroethane, T
1,1,1-Trichloroethane, T
Benzene, T
Cyclohexane, T
1,4-Difluorobenzene, I
1,2-Dichloropropane, T
Methyl Methacrylate, T
cis-1,3-Dichloropropane, T
trans-1,3-Dichloropropane, T
1,1,1,2-Tetrachloroethane, T
Toluene, T
2-Hexanone, T
Dibromochloromethane, T
1,2-Dibromoethane, T
Tetrachloroethene, T
Chlorobenzene, T
Ethyl Benzene, T
m/p-Xylene, T
Styrene, T
1-Bromo-4-Fluorobenzene, S
Isopropylbenzene
2-Chlorotoluene, T
4-Ethyltoluene, T
1,3,5-Trimethylbenzene, T
sec-Butylbenzene, T
p-Isopropyltoluene
n-Butylbenzene
1,2,4-Trichlorobenzene, T
Naphthalene, T
Hexachloro-1,3-Butadiene, T
Naphthalene, 2-methyl-, T



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. 0.00 min

Lab File: VL035150.D

Acq: 6 Jul 2020 17:52

Instrument :

MSVOA_L

ClientSampleId :

VL0706ABS01

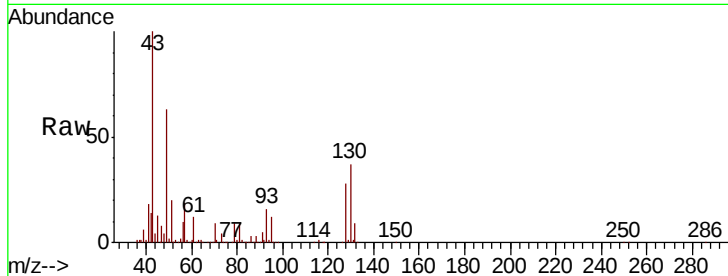
Tot Ion: 49 Resp: 1100379

Ion Ratio Lower Upper

49 100

128 47.0 22.9 68.5

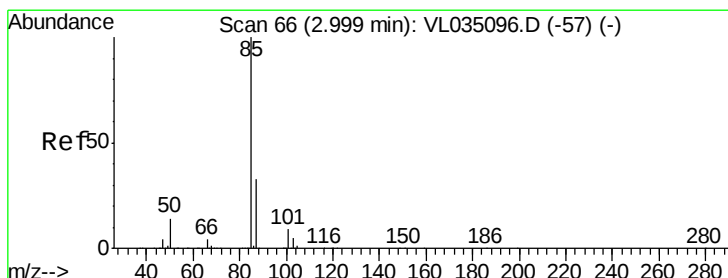
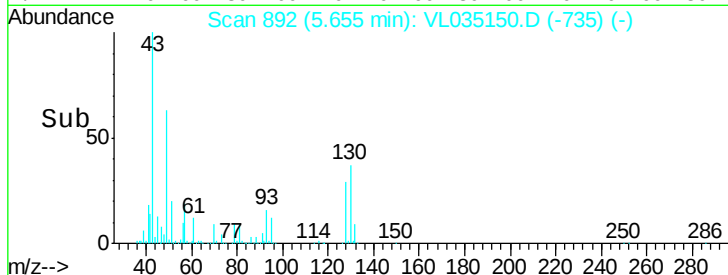
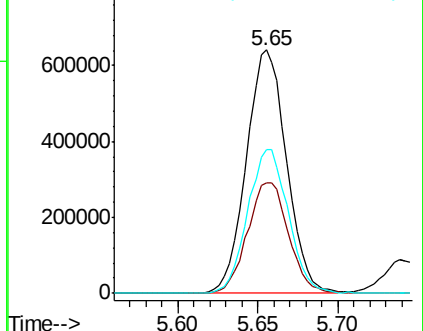
130 60.0 29.0 87.0



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 8.910 ppbv

RT: 3.00 min Scan# 67

Delta R.T. 0.00 min

Lab File: VL035150.D

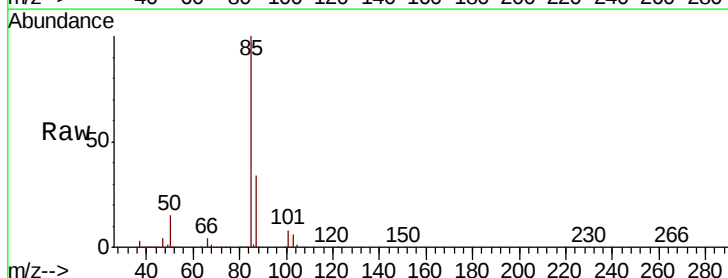
Acq: 6 Jul 2020 17:52

Tgt Ion: 85 Resp: 1323885

Ion Ratio Lower Upper

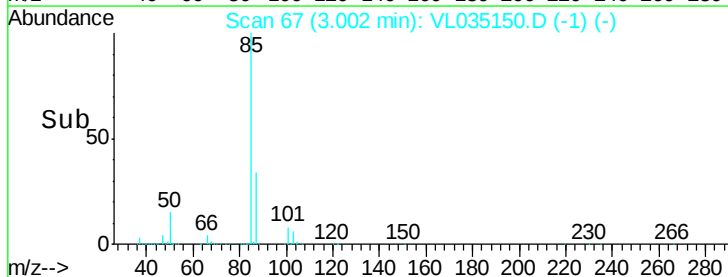
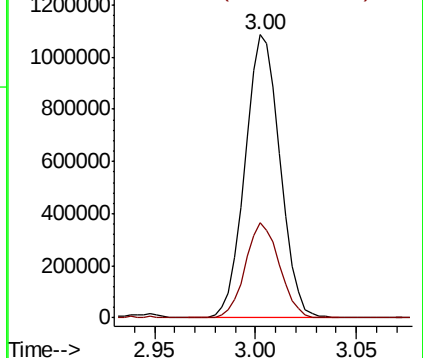
85 100

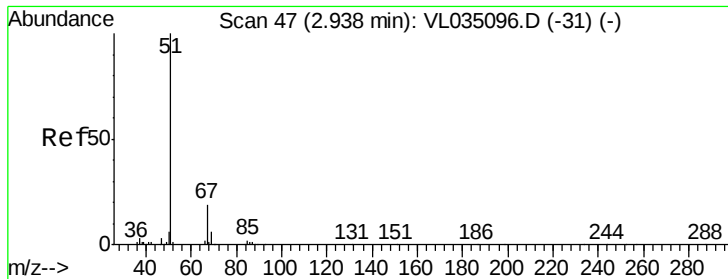
87 33.5 26.1 39.1



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 9.465 ppbv

RT: 2.94 min Scan# 48

Delta R.T. 0.00 min

Lab File: VL035150.D

Acq: 6 Jul 2020 17:52

Instrument :

MSVOA_L

ClientSampleId :

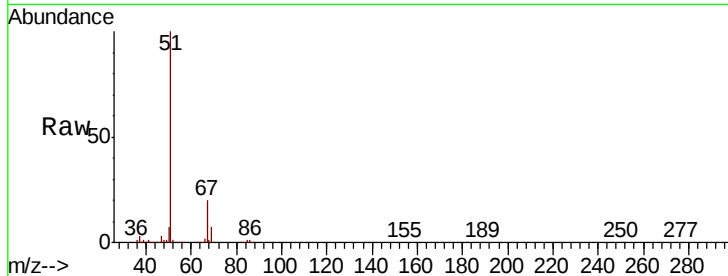
VL0706ABS01

Tot Ion: 51 Resp: 1150576

Ion Ratio Lower Upper

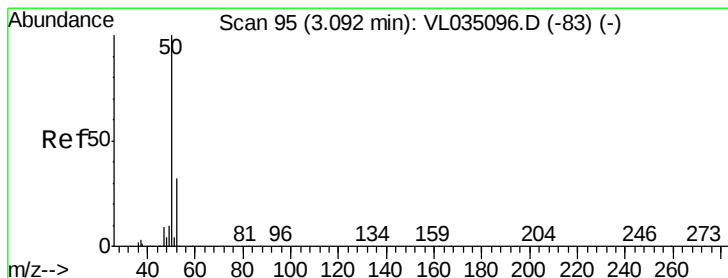
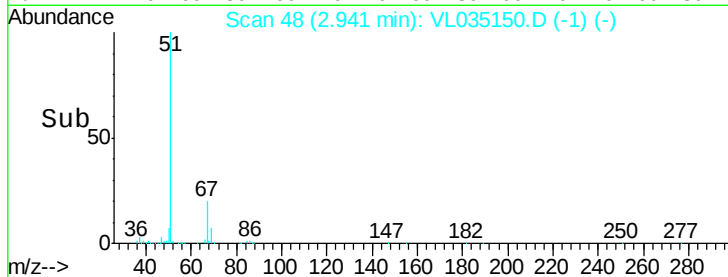
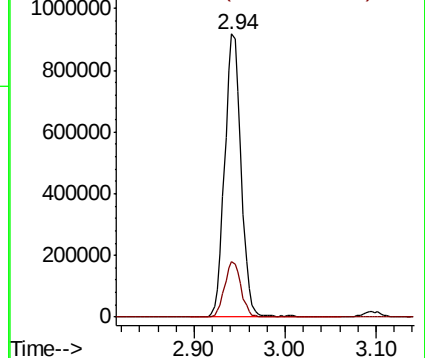
51 100

67 19.7 15.2 22.8



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 9.392 ppbv

RT: 3.09 min Scan# 95

Delta R.T. 0.00 min

Lab File: VL035150.D

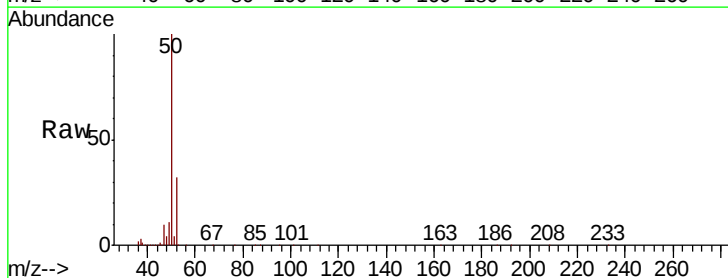
Acq: 6 Jul 2020 17:52

Tgt Ion: 50 Resp: 639951

Ion Ratio Lower Upper

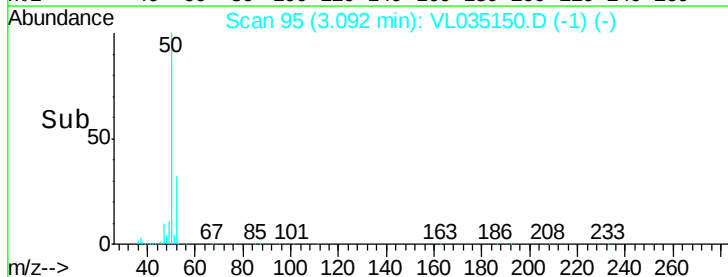
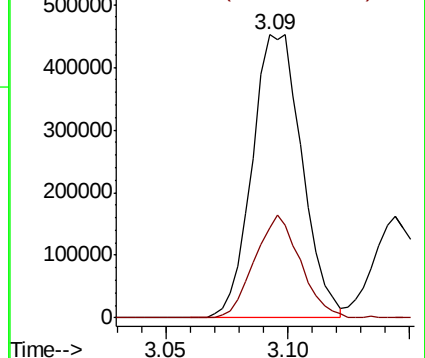
50 100

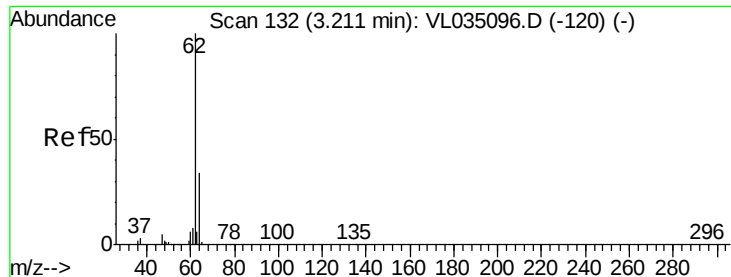
52 31.8 25.4 38.0



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 10.190 ppbv

RT: 3.21 min Scan# 133

Delta R.T. 0.00 min

Lab File: VL035150.D

Acq: 6 Jul 2020 17:52

Instrument :

MSVOA_L

ClientSampleId :

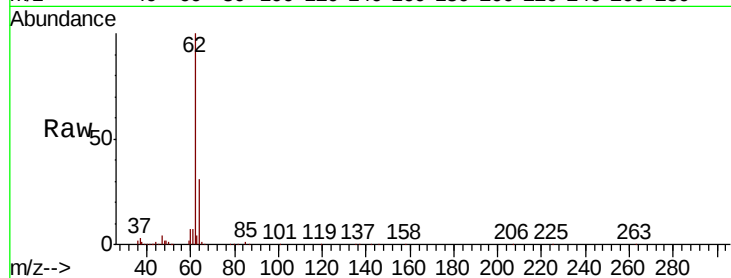
VL0706ABS01

Tot Ion: 62 Resp: 660304

Ion Ratio Lower Upper

62 100

64 31.5 27.0 40.4



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0

3.21

500000

400000

300000

200000

100000

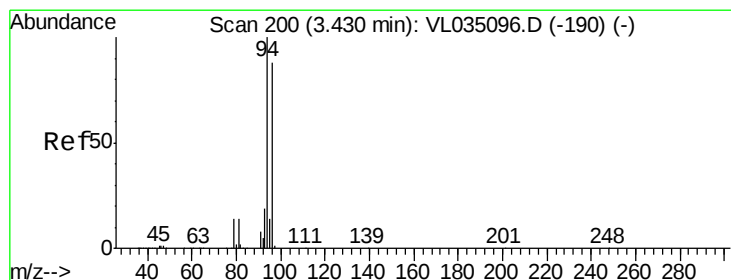
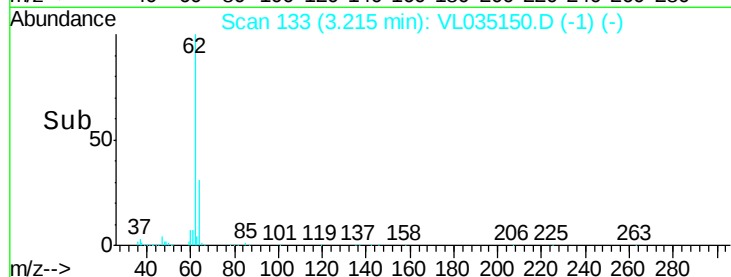
0

Time-->

3.15

3.20

3.25



#6

Bromomethane

Concen: 10.060 ppbv

RT: 3.43 min Scan# 201

Delta R.T. 0.00 min

Lab File: VL035150.D

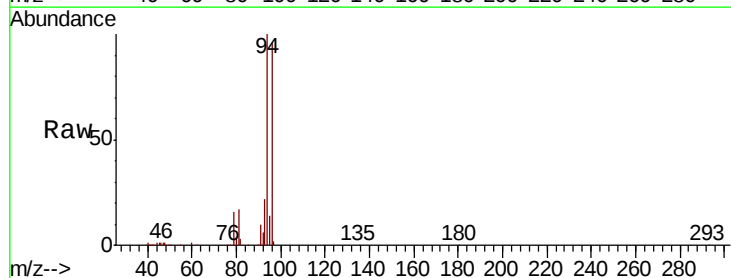
Acq: 6 Jul 2020 17:52

Tgt Ion: 94 Resp: 404810

Ion Ratio Lower Upper

94 100

96 96.3 70.2 105.2



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

3.43

300000

200000

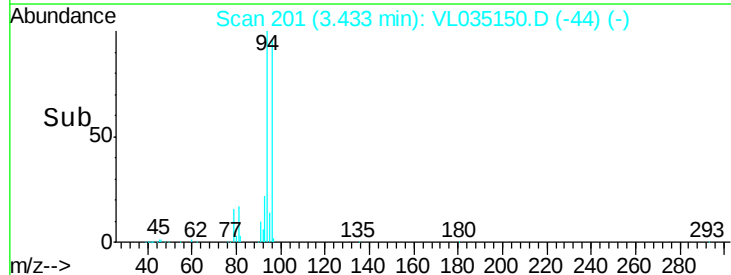
100000

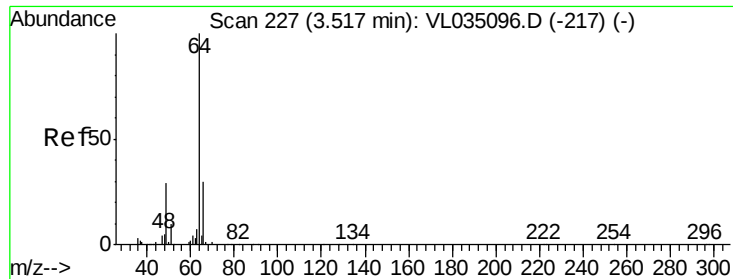
0

Time-->

3.40

3.45





#7

Chloroethane

Concen: 10.114 ppbv

RT: 3.52 min Scan# 227

Delta R.T. 0.00 min

Lab File: VL035150.D

Acq: 6 Jul 2020 17:52

Instrument :

MSVOA_L

ClientSampleId :

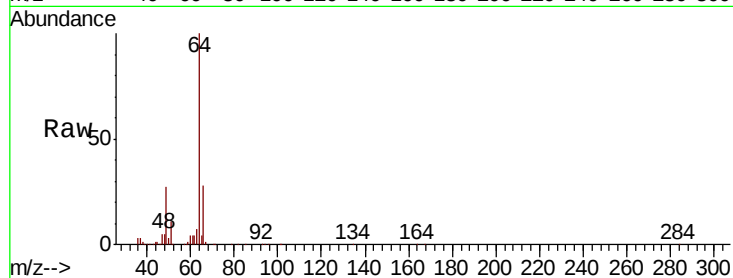
VL0706ABS01

Tot Ion: 64 Resp: 247128

Ion Ratio Lower Upper

64 100

66 28.1 24.2 36.4



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.52

200000

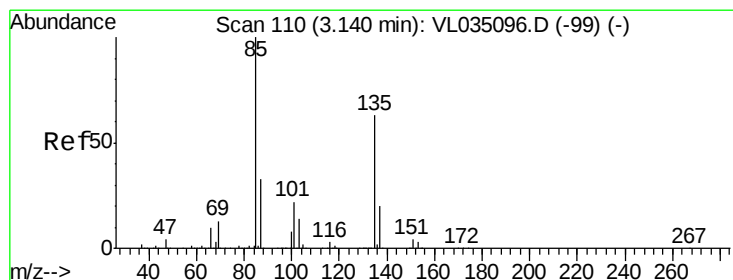
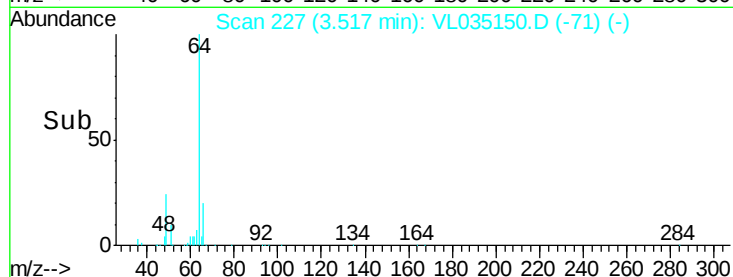
150000

100000

50000

0

Time-->



#8

Dichlorotetrafluoroethane

Concen: 9.510 ppbv

RT: 3.14 min Scan# 111

Delta R.T. 0.00 min

Lab File: VL035150.D

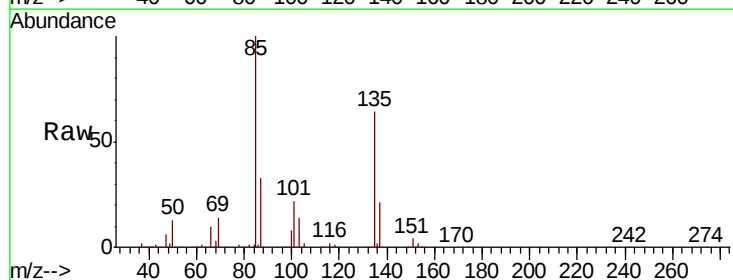
Acq: 6 Jul 2020 17:52

Tgt Ion: 85 Resp: 1515003

Ion Ratio Lower Upper

85 100

135 64.9 51.0 76.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

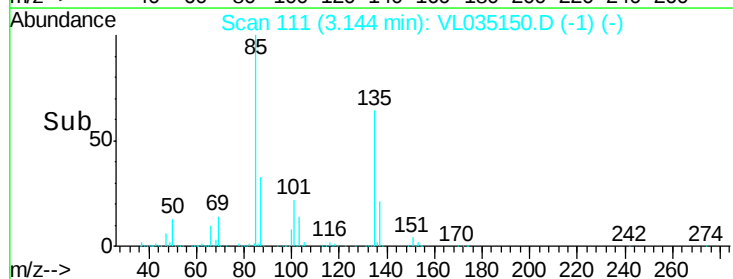
3.14

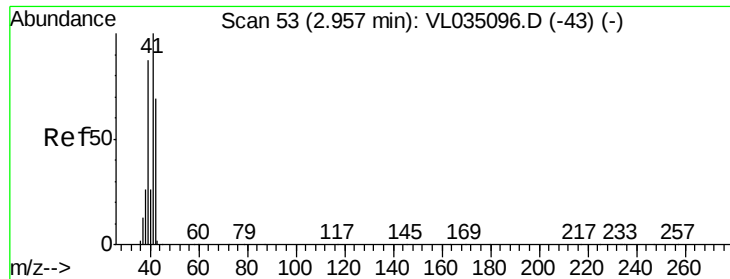
1000000

500000

0

Time-->





#9

Propene

Concen: 9.641 ppbv

RT: 2.96 min Scan# 55

Delta R.T. 0.01 min

Lab File: VL035150.D

Acq: 6 Jul 2020 17:52

Instrument :

MSVOA_L

ClientSampleId :

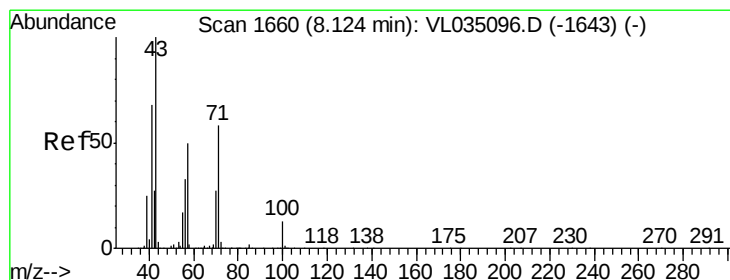
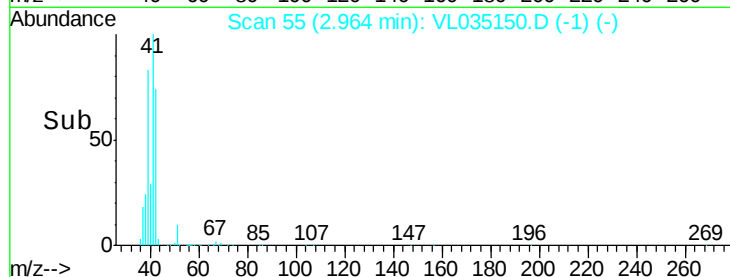
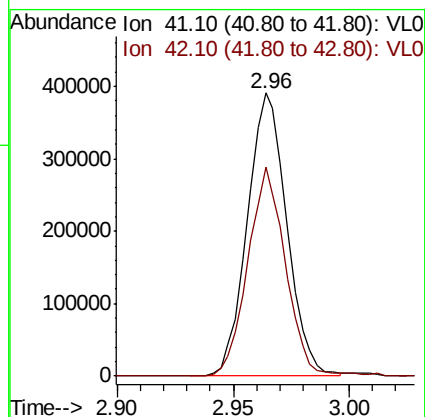
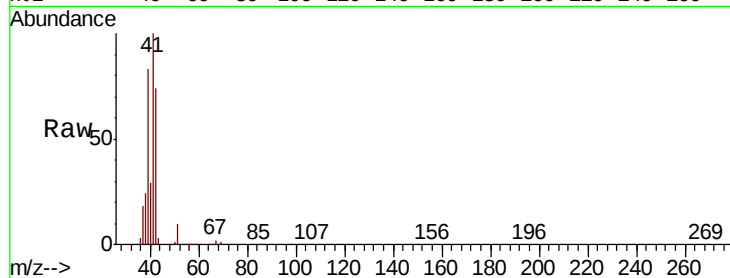
VL0706ABS01

Tot Ion: 41 Resp: 464065

Ion Ratio Lower Upper

41 100

42 70.8 55.8 83.6



#10

Heptane

Concen: 10.405 ppbv

RT: 8.13 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VL035150.D

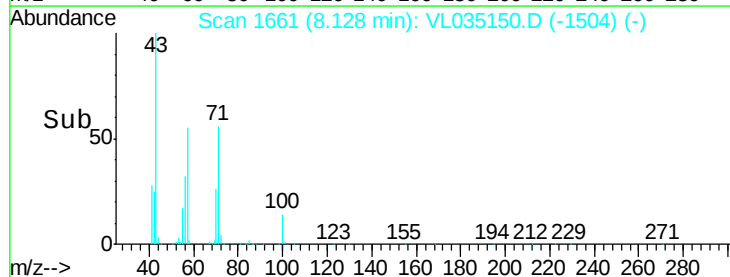
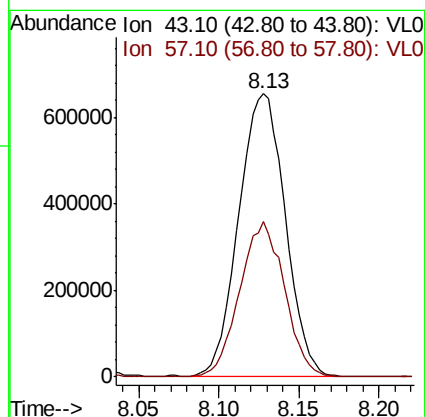
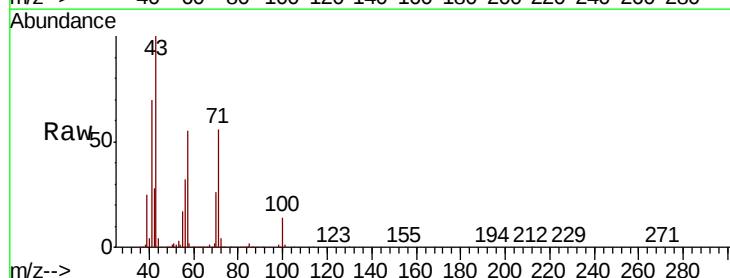
Acq: 6 Jul 2020 17:52

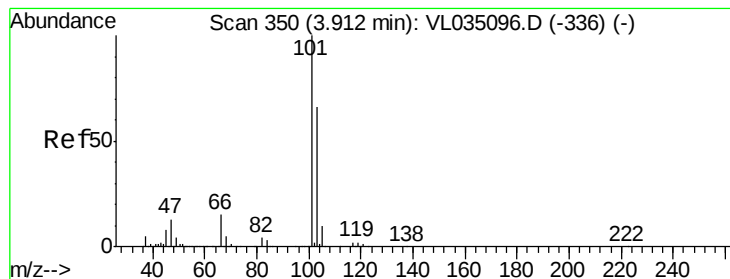
Tgt Ion: 43 Resp: 1297943

Ion Ratio Lower Upper

43 100

57 52.7 41.9 62.9





#11

Trichlorofluoromethane

Concen: 10.095 ppbv

RT: 3.92 min Scan# 351

Delta R.T. 0.00 min

Lab File: VL035150.D

Acq: 6 Jul 2020 17:52

Instrument :

MSVOA_L

ClientSampleId :

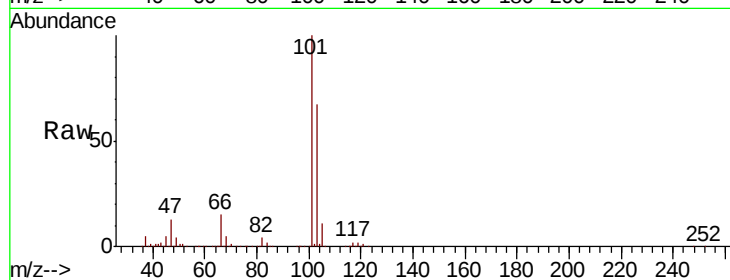
VL0706ABS01

Tot Ion:101 Resp: 1602378

Ion Ratio Lower Upper

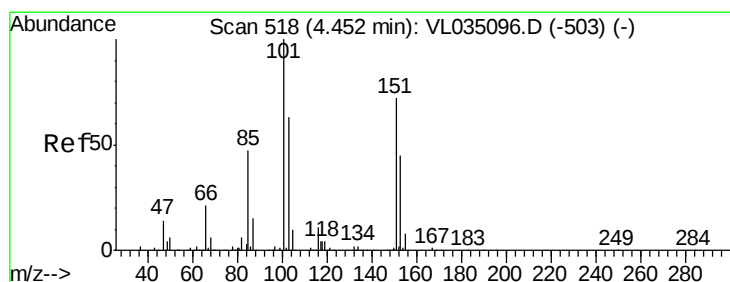
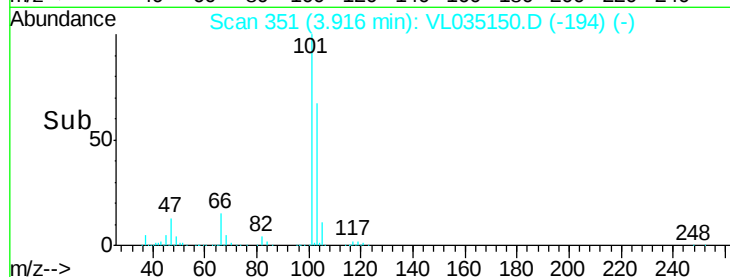
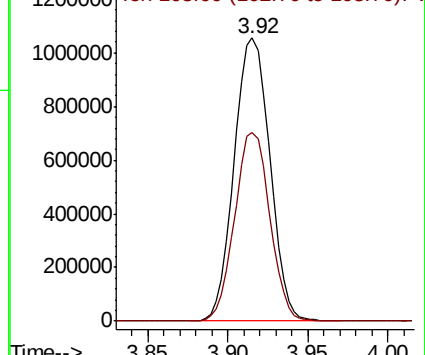
101 100

103 66.8 52.6 79.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 10.316 ppbv

RT: 4.46 min Scan# 519

Delta R.T. 0.00 min

Lab File: VL035150.D

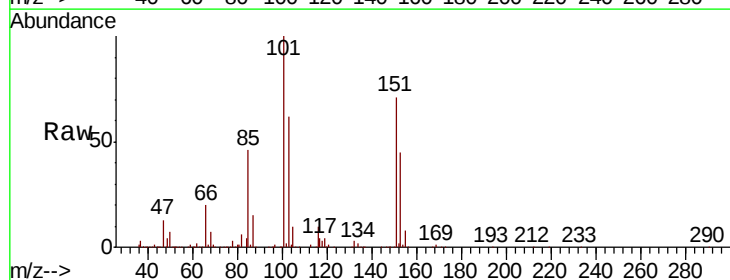
Acq: 6 Jul 2020 17:52

Tgt Ion:101 Resp: 1132281

Ion Ratio Lower Upper

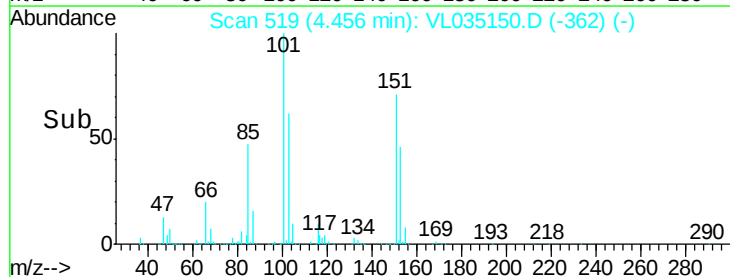
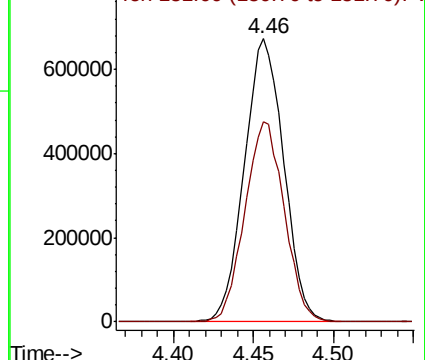
101 100

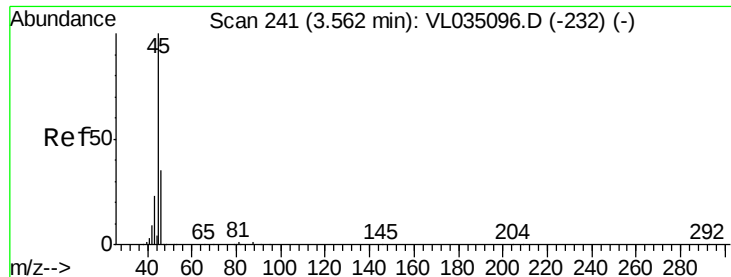
151 70.8 56.6 85.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





#13

Ethanol

Concen: 7.286 ppbv

RT: 3.57 min Scan# 244

Delta R.T. 0.01 min

Lab File: VL035150.D

Acq: 6 Jul 2020 17:52

Instrument :

MSVOA_L

ClientSampleId :

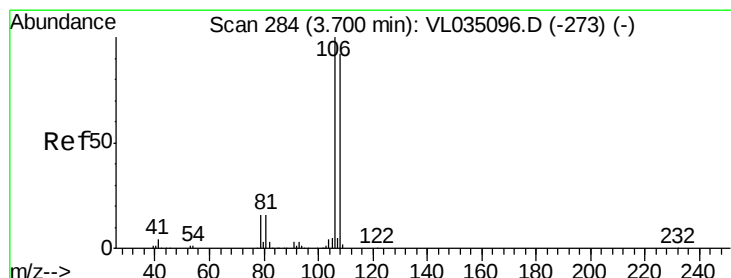
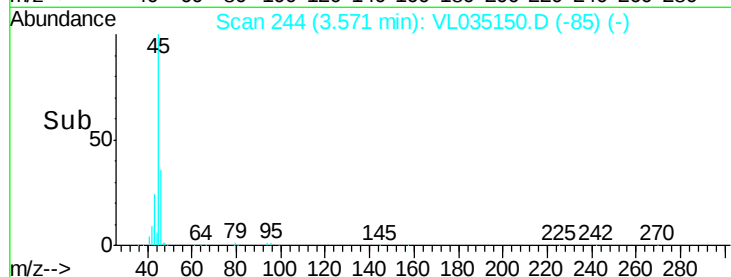
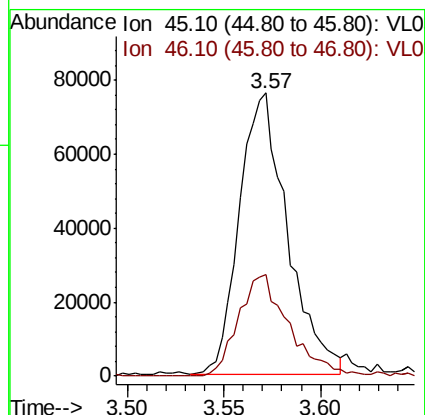
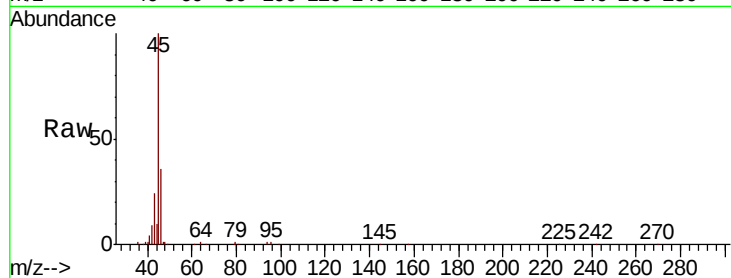
VL0706ABS01

Tot Ion: 45 Resp: 132485

Ion Ratio Lower Upper

45 100

46 38.3 14.2 57.0



#14

Bromoethene

Concen: 10.525 ppbv

RT: 3.70 min Scan# 285

Delta R.T. 0.00 min

Lab File: VL035150.D

Acq: 6 Jul 2020 17:52

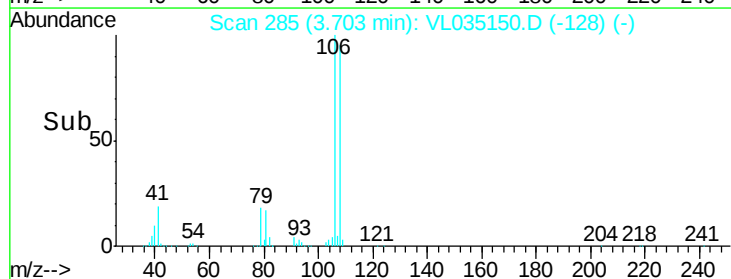
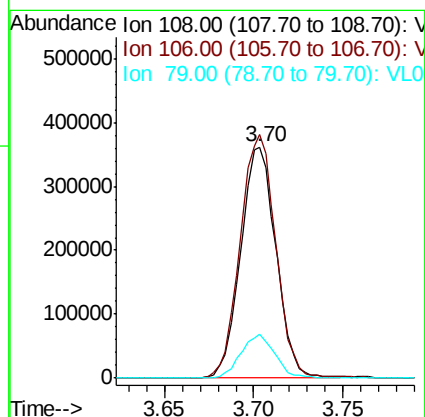
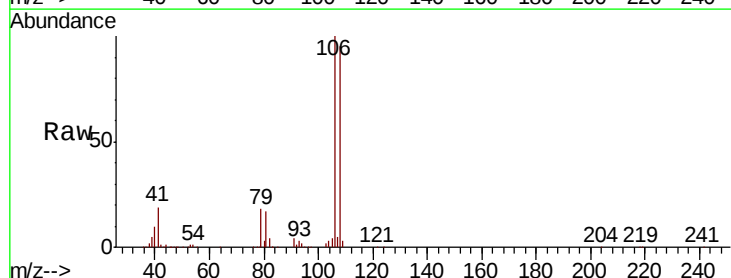
Tgt Ion: 108 Resp: 497964

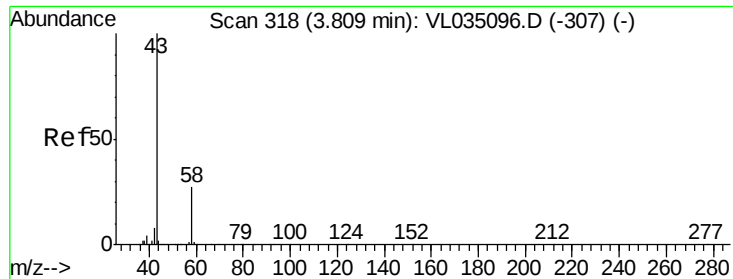
Ion Ratio Lower Upper

108 100

106 106.8 84.4 126.6

79 18.4 14.2 21.2





#15

Acetone

Concen: 9.116 ppbv

RT: 3.81 min Scan# 319

Delta R.T. 0.00 min

Lab File: VL035150.D

Acq: 6 Jul 2020 17:52

Instrument :

MSVOA_L

ClientSampleId :

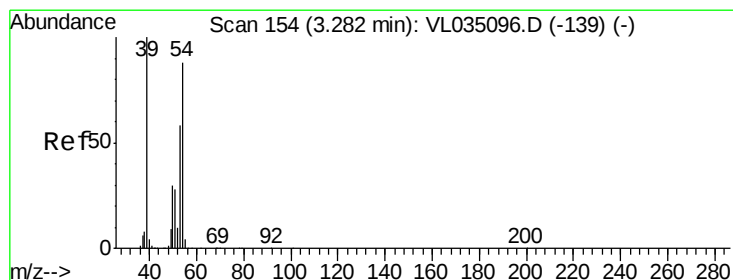
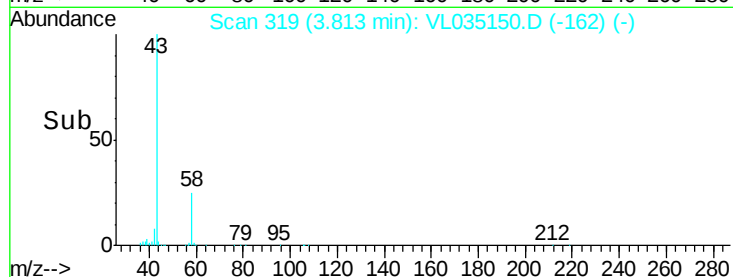
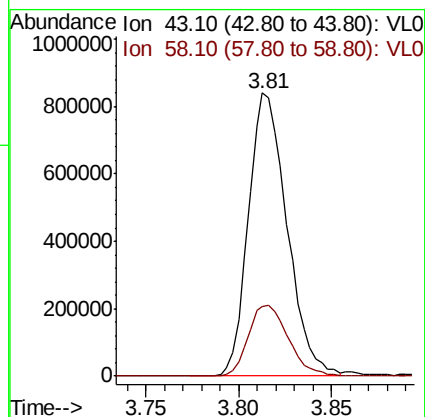
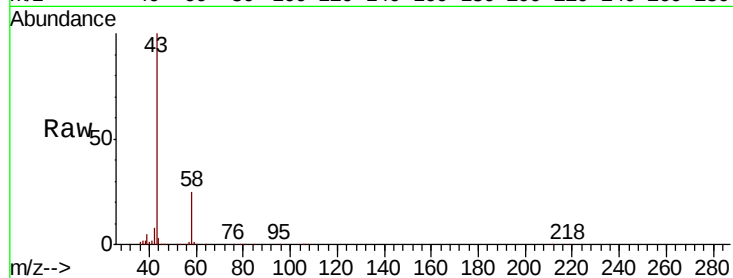
VL0706ABS01

Tot Ion: 43 Resp: 1212722

Ion Ratio Lower Upper

43 100

58 26.2 21.8 32.6



#16

1,3-Butadiene

Concen: 10.146 ppbv

RT: 3.29 min Scan# 155

Delta R.T. 0.00 min

Lab File: VL035150.D

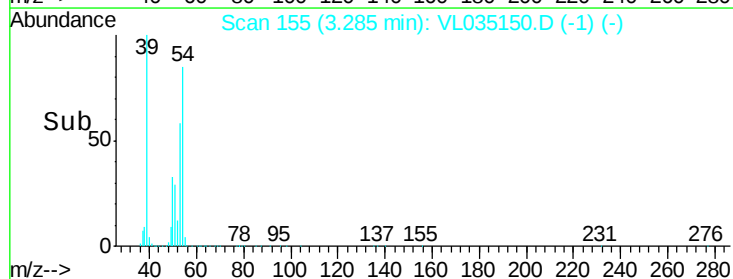
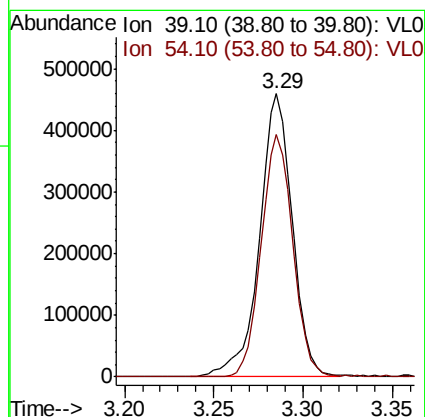
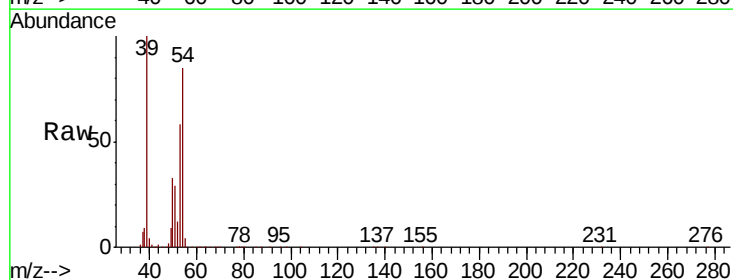
Acq: 6 Jul 2020 17:52

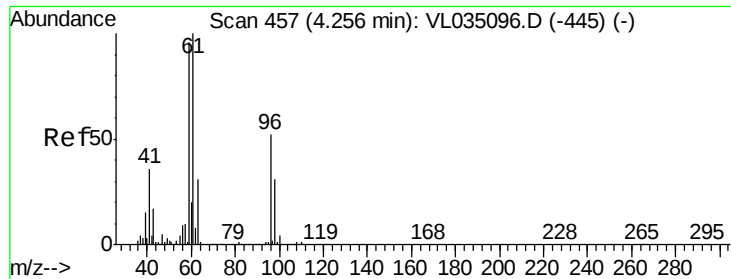
Tgt Ion: 39 Resp: 592019

Ion Ratio Lower Upper

39 100

54 83.4 67.0 100.4



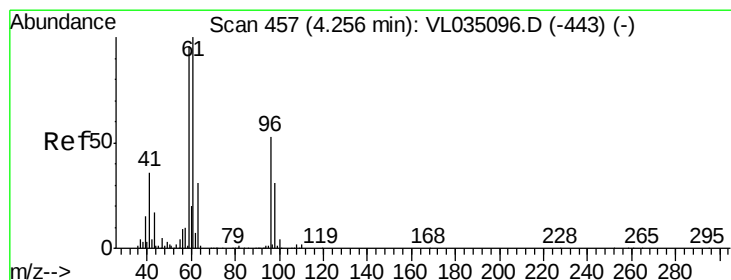
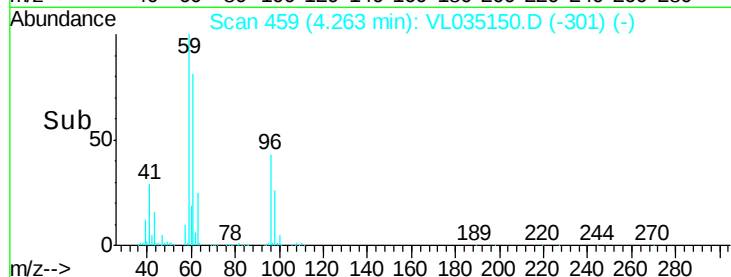
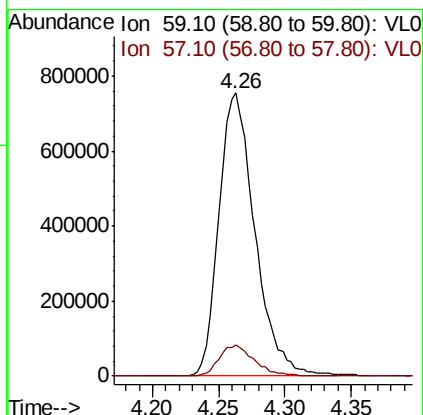
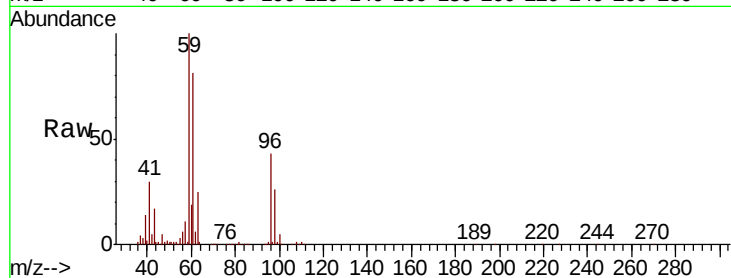


#17

tert-Butyl alcohol
 Concen: 12.047 ppbv
 RT: 4.26 min Scan# 459
 Delta R.T. 0.01 min
 Lab File: VL035150.D
 Acq: 6 Jul 2020 17:52

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0706ABS01

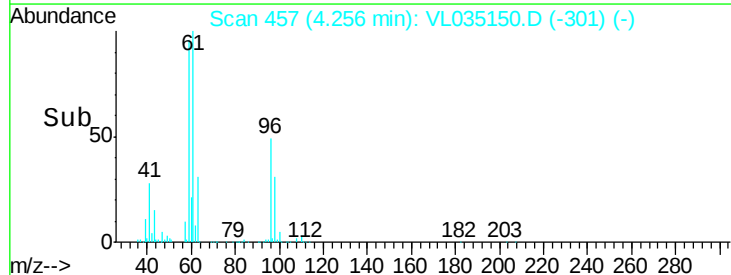
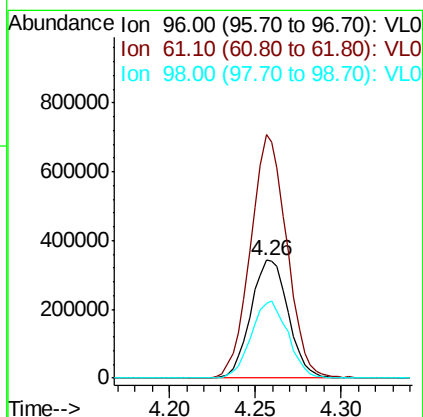
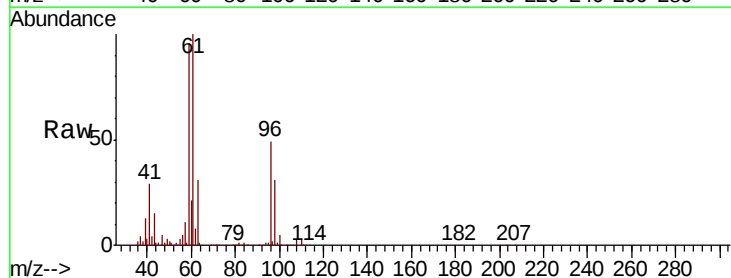
Tot Ion: 59 Resp: 1420396
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.6 12.8

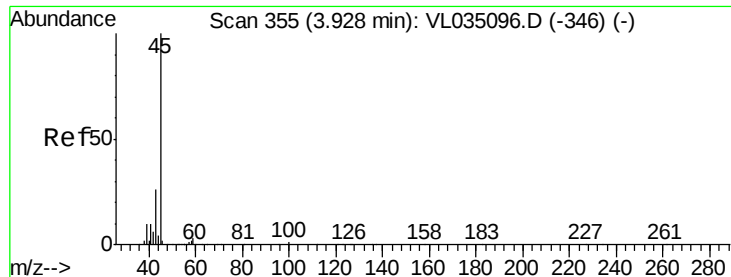


#18

1,1-Dichloroethene
 Concen: 10.461 ppbv
 RT: 4.26 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: VL035150.D
 Acq: 6 Jul 2020 17:52

Tgt Ion: 96 Resp: 517864
 Ion Ratio Lower Upper
 96 100
 61 206.2 152.2 228.4
 98 63.2 47.7 71.5



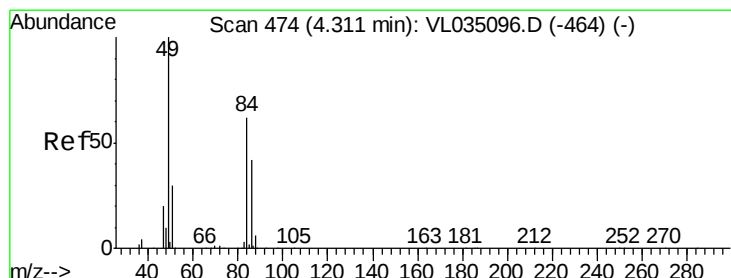
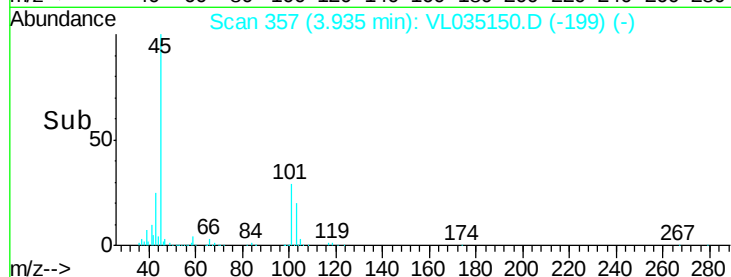
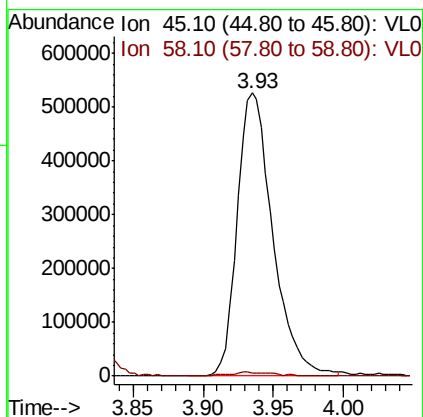
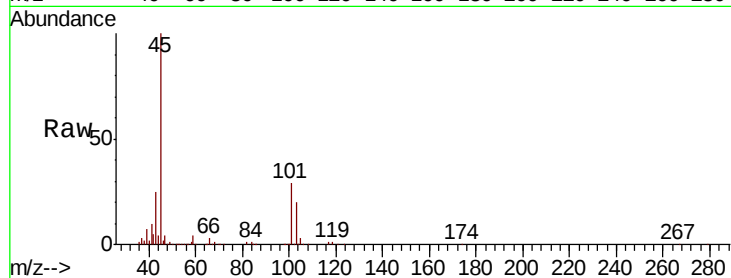


#19

Isopropyl Alcohol
 Concen: 10.762 ppbv
 RT: 3.93 min Scan# 357
 Delta R.T. 0.01 min
 Lab File: VL035150.D
 Acq: 6 Jul 2020 17:52

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0706ABS01

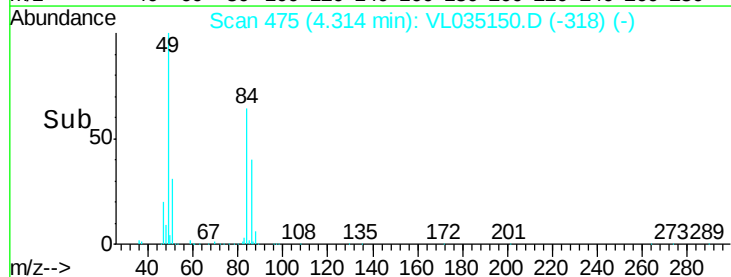
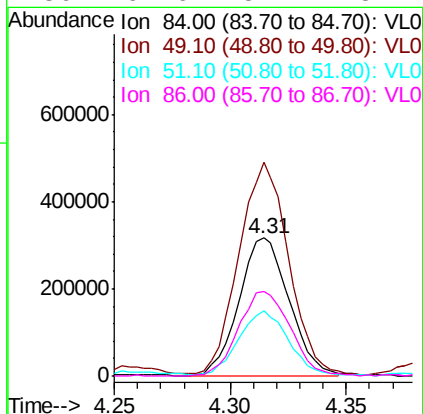
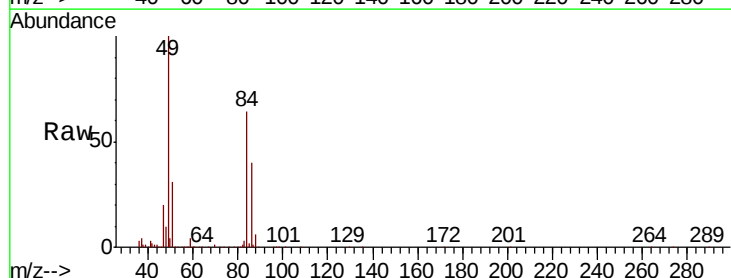
Tot Ion: 45 Resp: 929686
 Ion Ratio Lower Upper
 45 100
 58 1.9 1.8 2.8

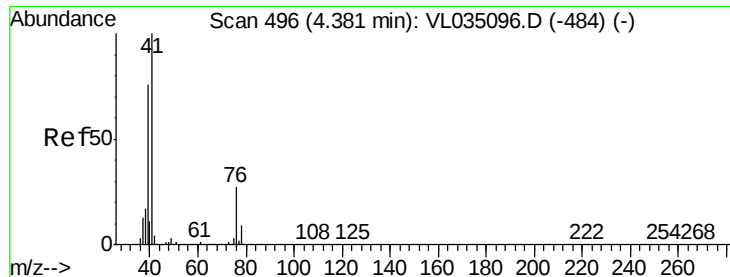


#20

Methylene Chloride
 Concen: 8.784 ppbv
 RT: 4.31 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: VL035150.D
 Acq: 6 Jul 2020 17:52

Tgt Ion: 84 Resp: 472958
 Ion Ratio Lower Upper
 84 100
 49 154.3 128.8 193.2
 51 46.7 38.7 58.1
 86 61.6 54.1 81.1

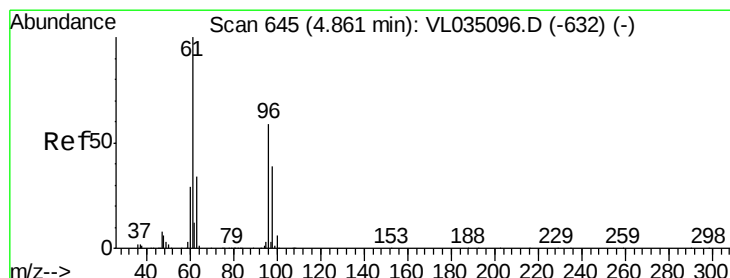
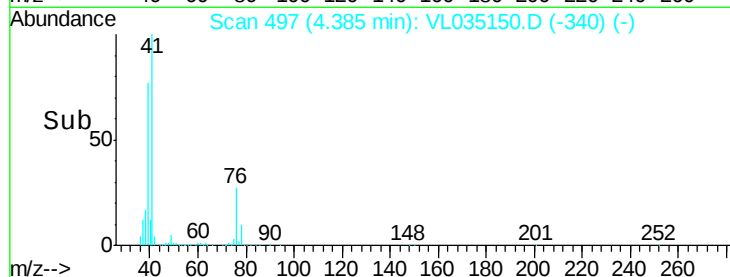
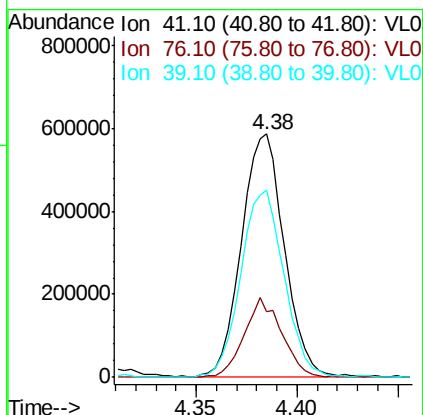
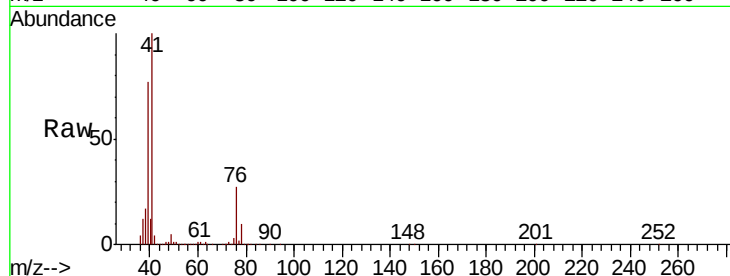




#21
Allvl Chloride
Concen: 10.954 ppbv
RT: 4.38 min Scan# 497
Delta R.T. 0.00 min
Lab File: VL035150.D
Acq: 6 Jul 2020 17:52

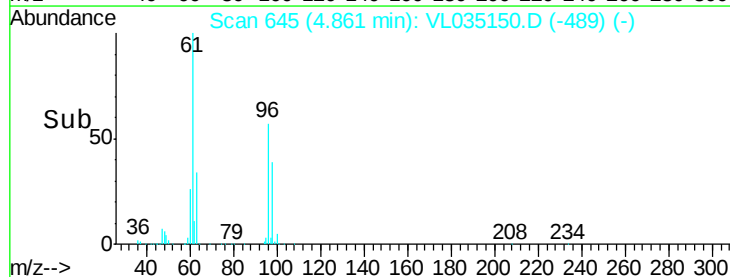
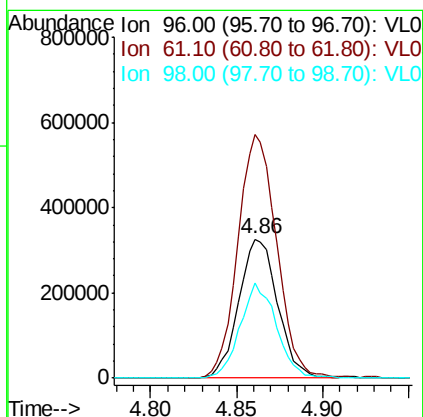
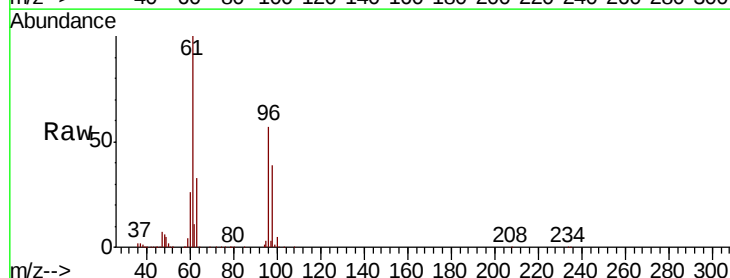
Instrument :
MSVOA_L
ClientSampleId :
VL0706ABS01

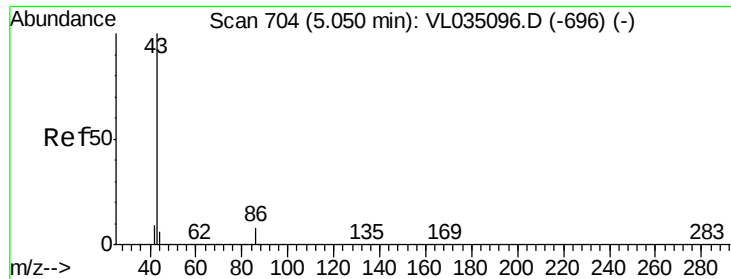
Tot Ion: 41 Resp: 866124
Ion Ratio Lower Upper
41 100
76 29.4 22.6 34.0
39 78.3 61.6 92.4



#22
trans-1,2-Dichloroethene
Concen: 11.074 ppbv
RT: 4.86 min Scan# 645
Delta R.T. 0.00 min
Lab File: VL035150.D
Acq: 6 Jul 2020 17:52

Tgt Ion: 96 Resp: 512924
Ion Ratio Lower Upper
96 100
61 174.8 134.5 201.7
98 68.4 52.6 79.0



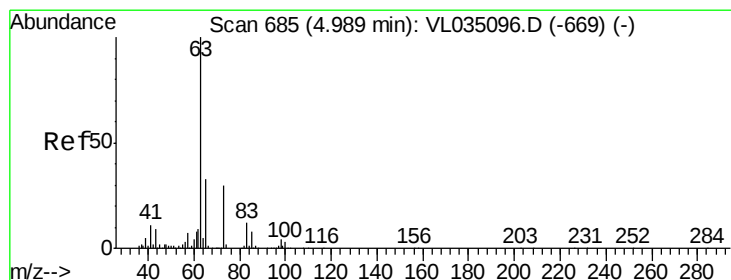
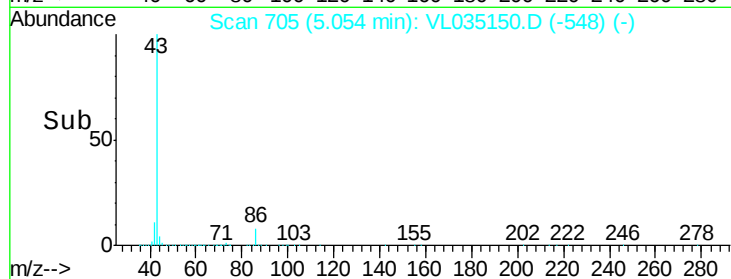
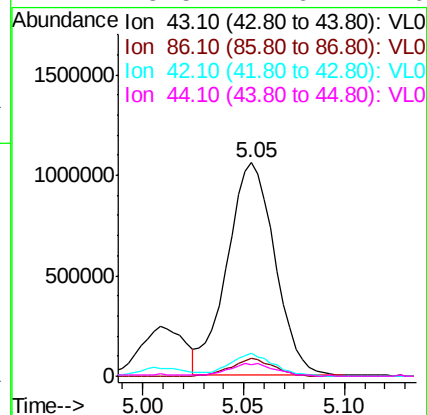
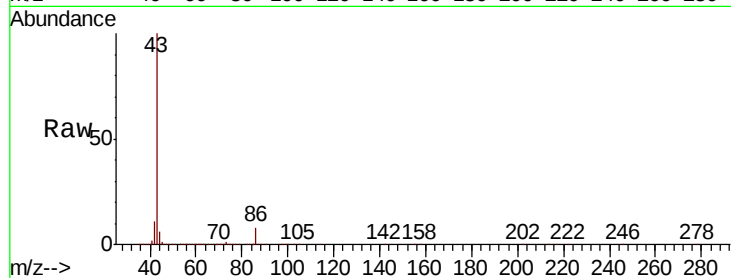


#23
 Vinyl Acetate
 Concen: 10.790 ppbv
 RT: 5.05 min Scan# 705
 Delta R.T. 0.00 min
 Lab File: VL035150.D
 Acq: 6 Jul 2020 17:52

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0706ABS01

Tot Ion: 43 Resp: 1742481

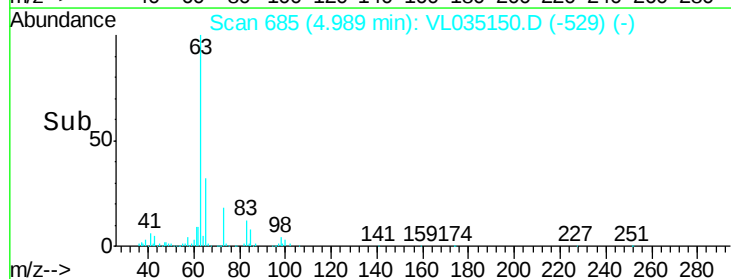
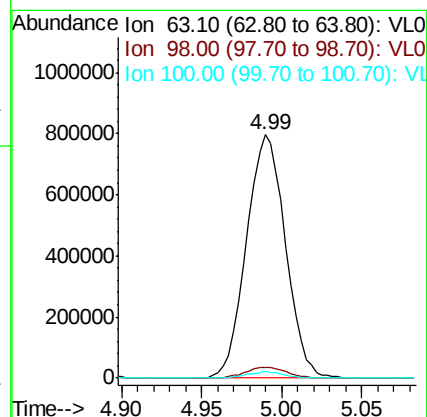
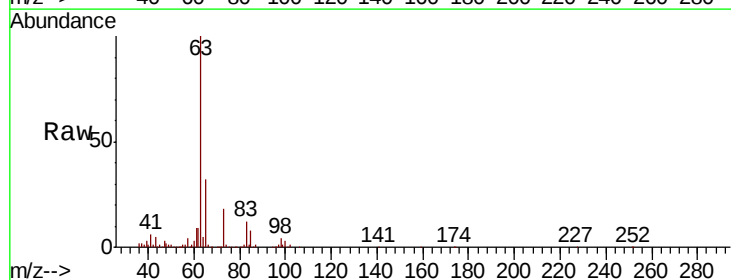
Ion	Ratio	Lower	Upper
43	100		
86	8.2	6.2	9.2
42	10.4	8.1	12.1
44	5.5	4.6	7.0

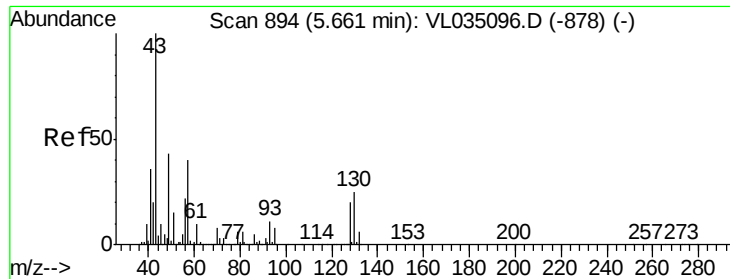


#24
 1,1-Dichloroethane
 Concen: 9.701 ppbv
 RT: 4.99 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: VL035150.D
 Acq: 6 Jul 2020 17:52

Tgt Ion: 63 Resp: 1320748

Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.3	6.9
100	3.0	1.4	4.0



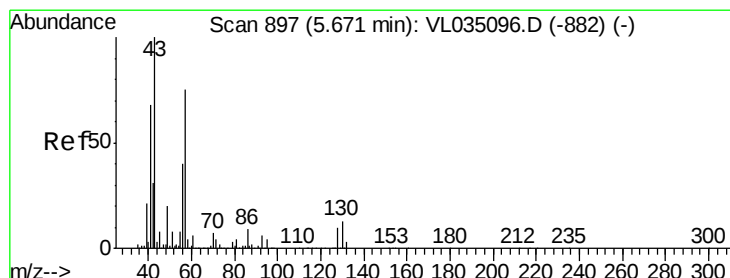
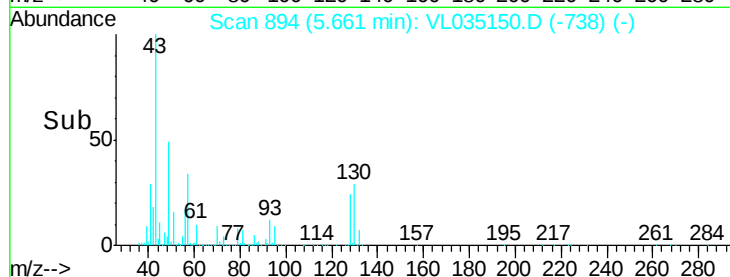
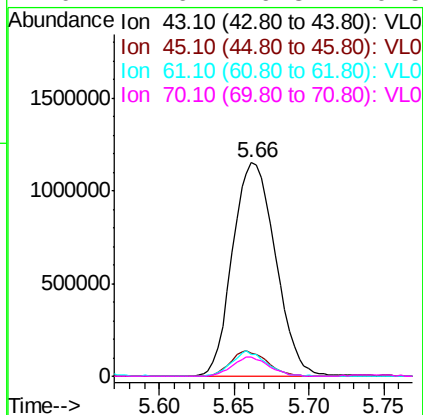
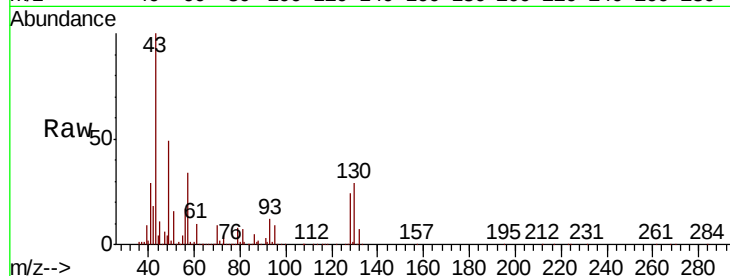


#25
Ethyl Acetate
Concen: 9.575 ppbv
RT: 5.66 min Scan# 894
Delta R.T. 0.00 min
Lab File: VL035150.D
Acq: 6 Jul 2020 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0706ABS01

Tot Ion: 43 Resp: 2298865

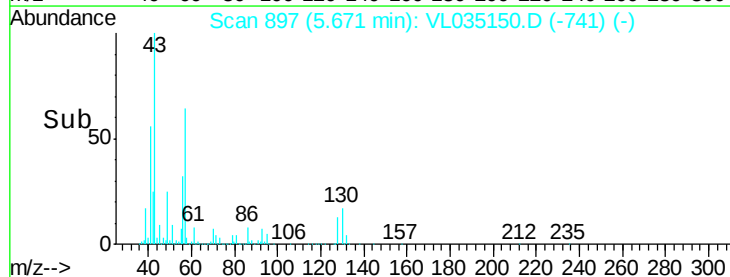
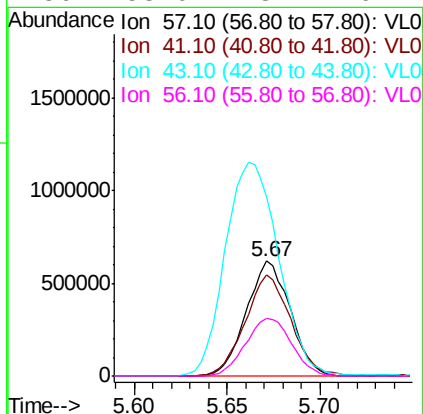
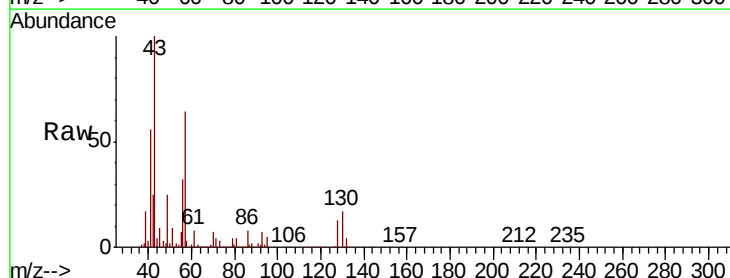
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.4	12.6
61	9.8	8.0	12.0
70	7.6	6.3	9.5

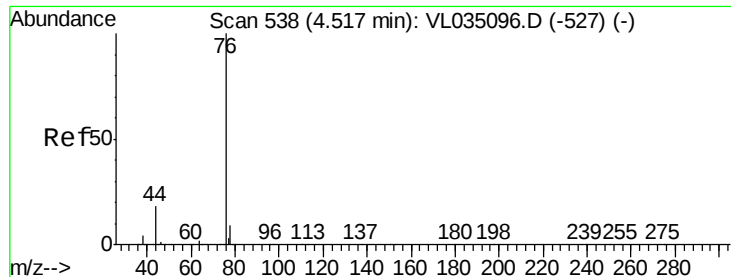


#26
Hexane
Concen: 9.450 ppbv
RT: 5.67 min Scan# 897
Delta R.T. 0.00 min
Lab File: VL035150.D
Acq: 6 Jul 2020 17:52

Tgt Ion: 57 Resp: 1022966

Ion	Ratio	Lower	Upper
57	100		
41	91.6	72.9	109.3
43	225.3	181.3	271.9
56	53.0	43.1	64.7





#27

Carbon Disulfide

Concen: 13.654 ppbv

RT: 4.52 min Scan# 540

Delta R.T. 0.01 min

Lab File: VL035150.D

Acq: 6 Jul 2020 17:52

Instrument :

MSVOA_L

ClientSampleId :

VL0706ABS01

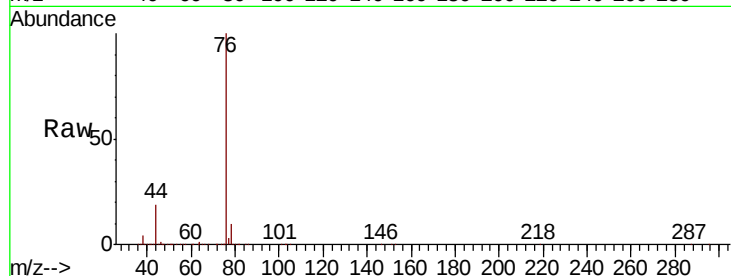
Tot Ion: 76 Resp: 1529605

Ion Ratio Lower Upper

76 100

44 19.4 15.8 23.8

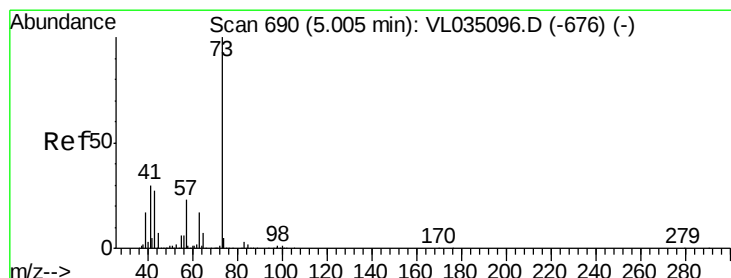
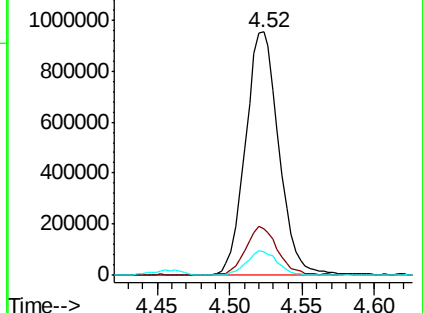
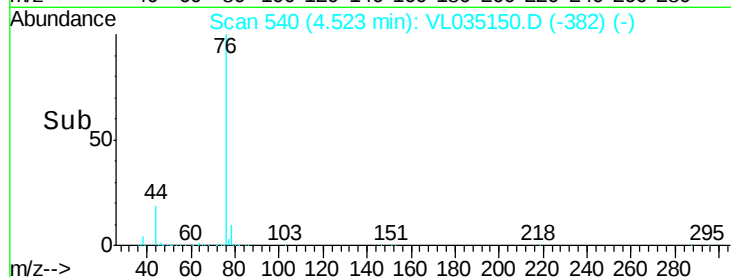
78 9.6 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 10.623 ppbv

RT: 5.01 min Scan# 691

Delta R.T. 0.00 min

Lab File: VL035150.D

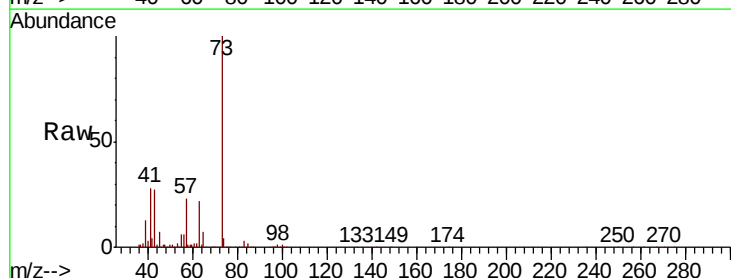
Acq: 6 Jul 2020 17:52

Tgt Ion: 73 Resp: 1615793

Ion Ratio Lower Upper

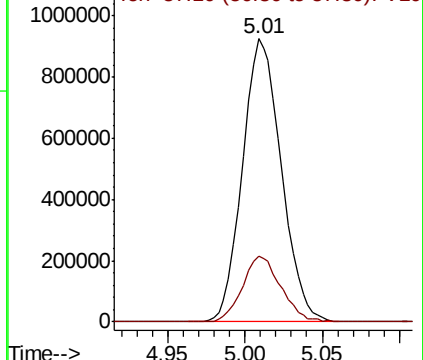
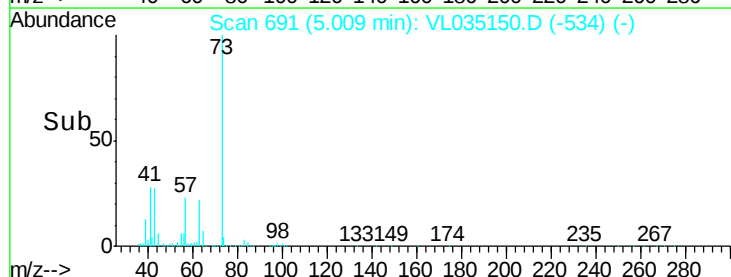
73 100

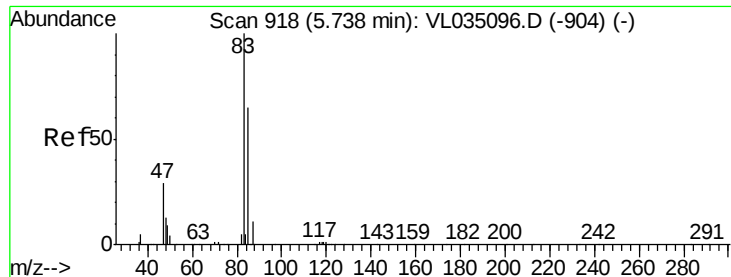
57 23.1 18.5 27.7



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#29

Chloroform

Concen: 9.480 ppbv

RT: 5.74 min Scan# 919

Delta R.T. 0.00 min

Lab File: VL035150.D

Acq: 6 Jul 2020 17:52

Instrument :

MSVOA_L

ClientSampleId :

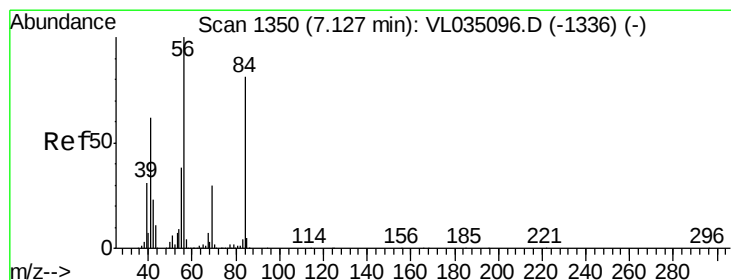
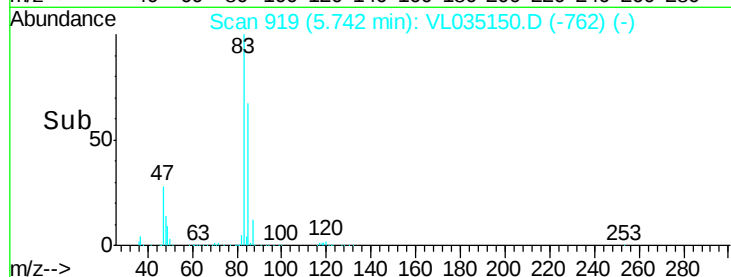
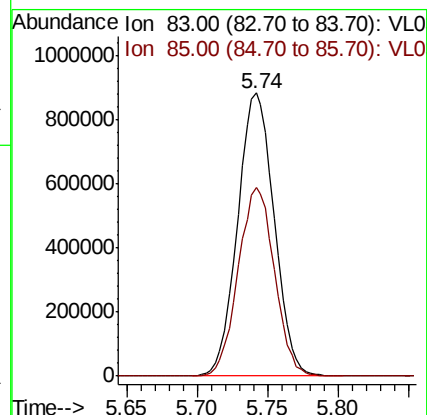
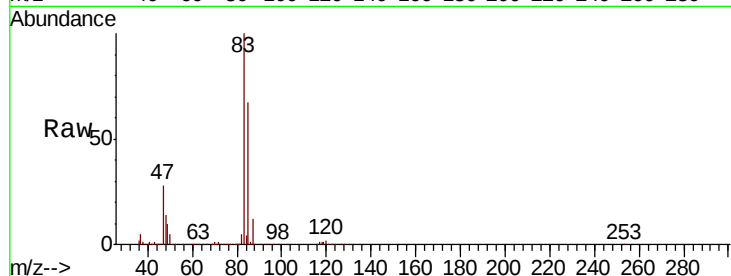
VL0706ABS01

Tot Ion: 83 Resp: 1605913

Ion Ratio Lower Upper

83 100

85 66.4 52.1 78.1



#30

Cyclohexane

Concen: 11.002 ppbv

RT: 7.12 min Scan# 1349

Delta R.T. -0.00 min

Lab File: VL035150.D

Acq: 6 Jul 2020 17:52

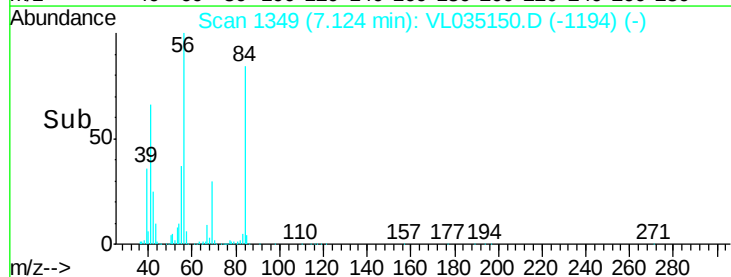
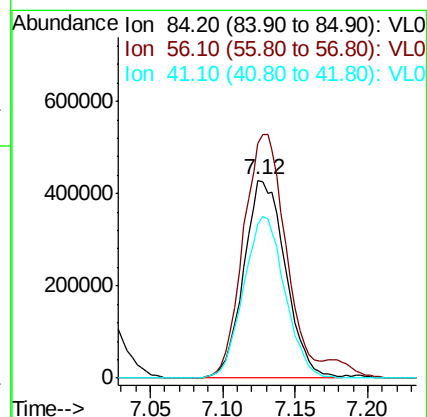
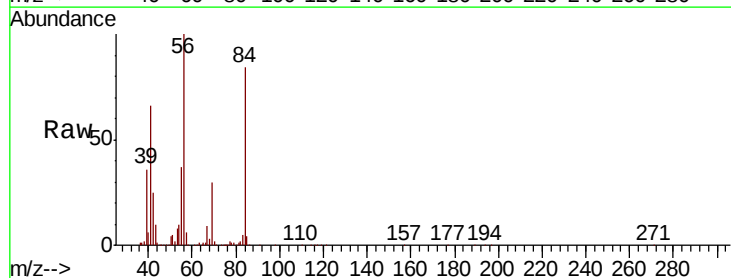
Tgt Ion: 84 Resp: 854722

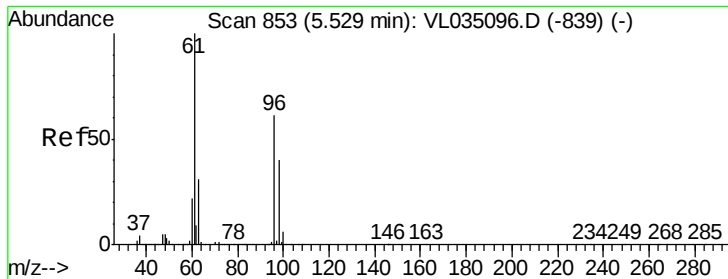
Ion Ratio Lower Upper

84 100

56 132.7 108.0 162.0

41 81.3 65.6 98.4



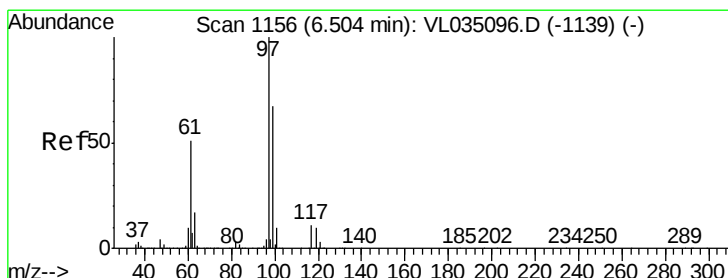
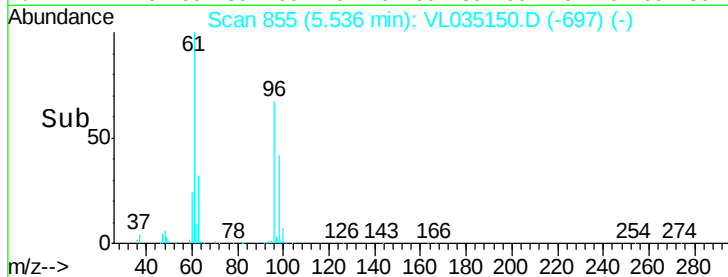
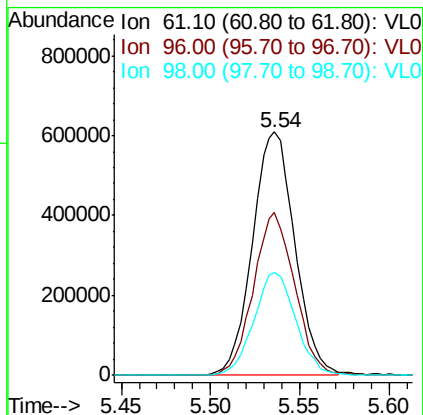
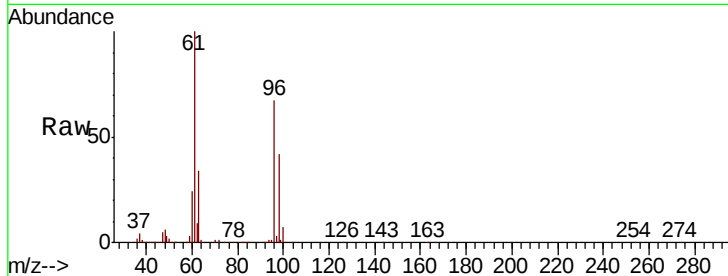


#31

cis-1,2-Dichloroethene
 Concen: 10.132 ppbv
 RT: 5.54 min Scan# 855
 Delta R.T. 0.01 min
 Lab File: VL035150.D
 Acq: 6 Jul 2020 17:52

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0706ABS01

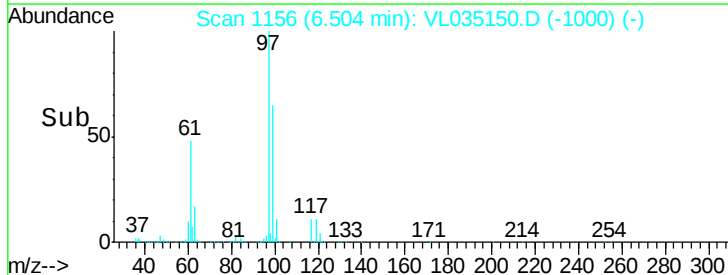
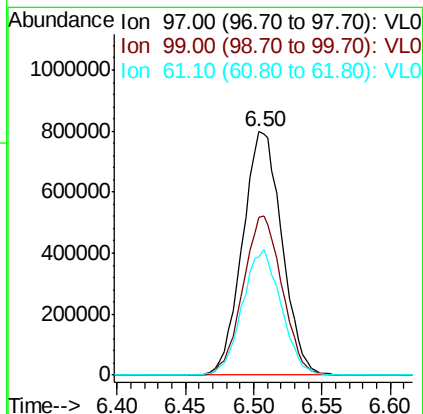
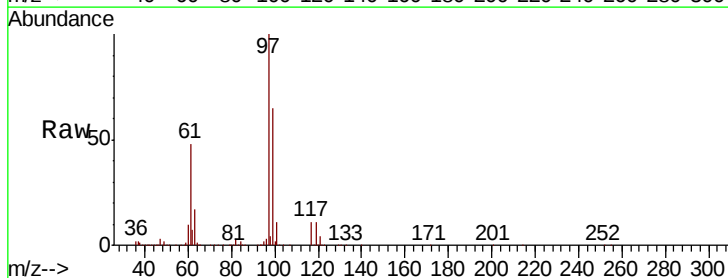
Tot Ion: 61 Resp: 1011005
 Ion Ratio Lower Upper
 61 100
 96 66.8 48.8 73.2
 98 42.3 31.9 47.9

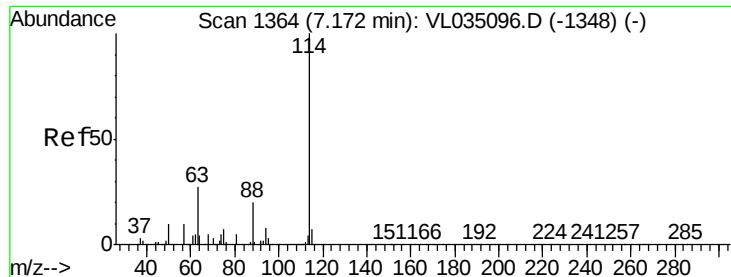


#32

1,1,1-Trichloroethane
 Concen: 10.200 ppbv
 RT: 6.50 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: VL035150.D
 Acq: 6 Jul 2020 17:52

Tgt Ion: 97 Resp: 1602636
 Ion Ratio Lower Upper
 97 100
 99 64.7 52.0 78.0
 61 50.6 41.0 61.6

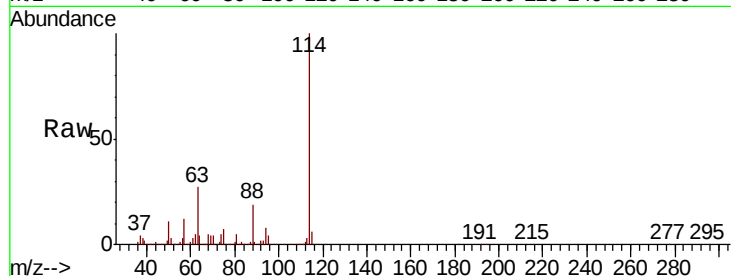




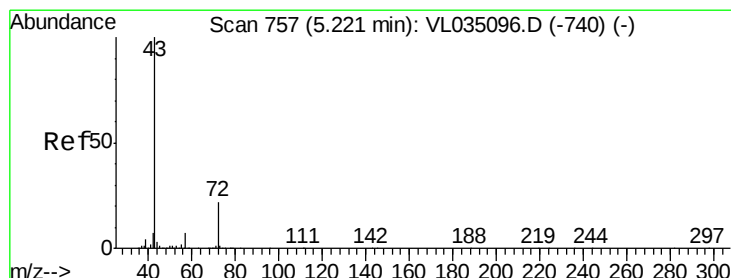
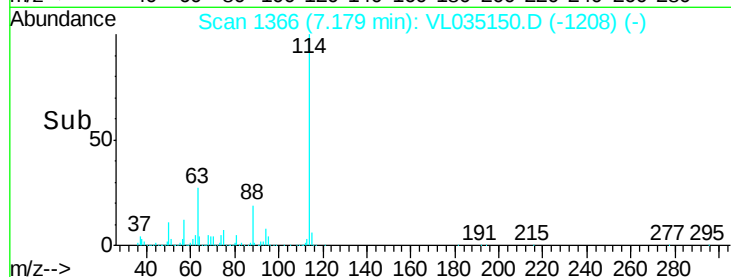
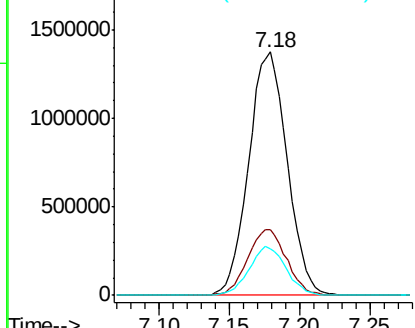
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. 0.01 min
 Lab File: VL035150.D
 Acq: 6 Jul 2020 17:52

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0706ABS01

Tot Ion:114 Resp: 2629255
 Ion Ratio Lower Upper
 114 100
 63 27.5 21.9 32.9
 88 19.2 15.6 23.4

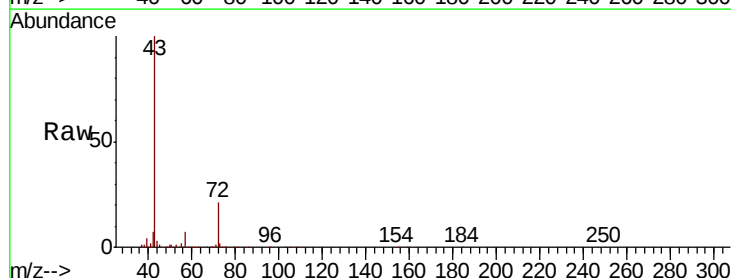


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

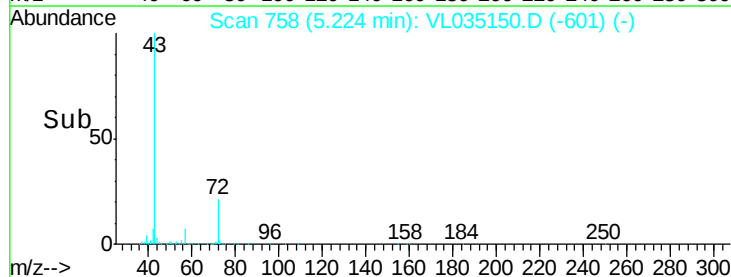
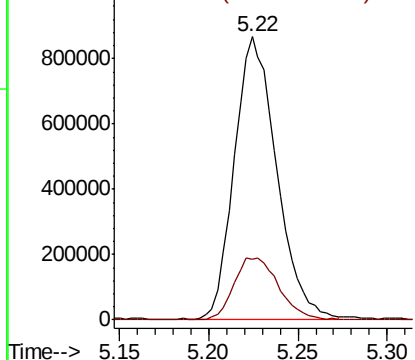


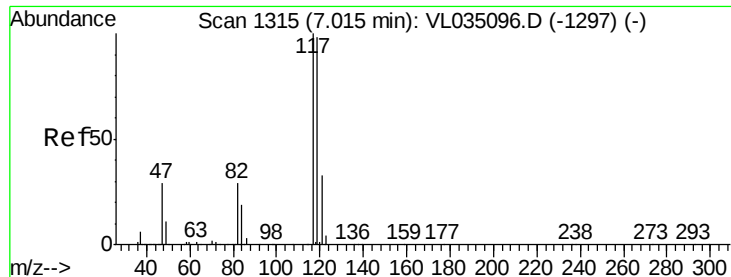
#34
 2-Butanone
 Concen: 9.513 ppbv
 RT: 5.22 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: VL035150.D
 Acq: 6 Jul 2020 17:52

Tgt Ion: 43 Resp: 1436380
 Ion Ratio Lower Upper
 43 100
 72 23.2 18.3 27.5



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





#35

Carbon Tetrachloride

Concen: 10.496 ppbv

RT: 7.02 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VL035150.D

Acq: 6 Jul 2020 17:52

Instrument :

MSVOA_L

ClientSampleId :

VL0706ABS01

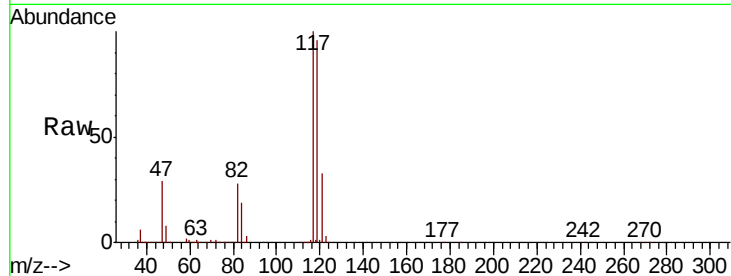
Tot Ion:117 Resp: 1655173

Ion Ratio Lower Upper

117 100

119 95.6 78.3 117.5

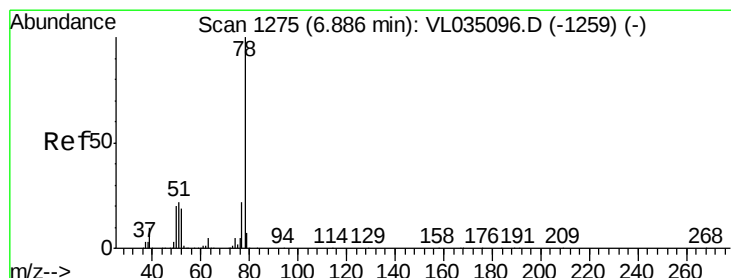
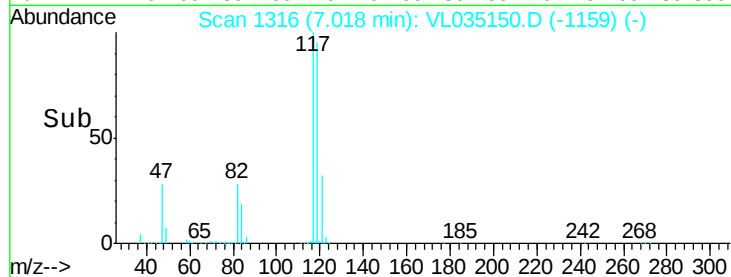
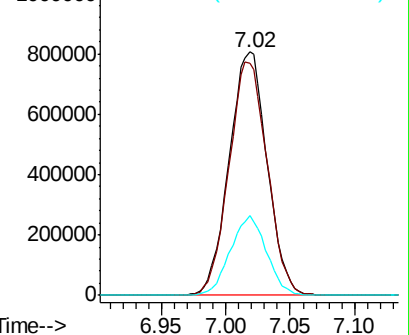
121 32.7 26.0 39.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 9.992 ppbv

RT: 6.89 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VL035150.D

Acq: 6 Jul 2020 17:52

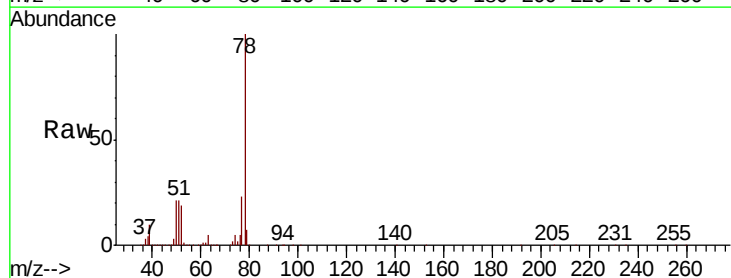
Tgt Ion: 78 Resp: 2034278

Ion Ratio Lower Upper

78 100

77 22.5 17.8 26.6

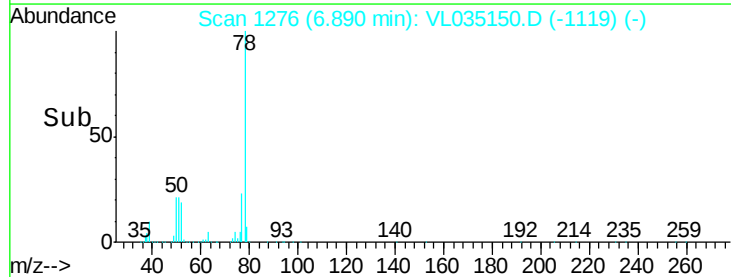
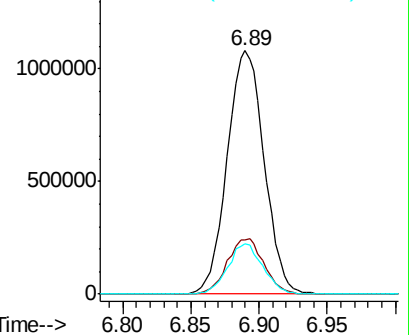
50 20.5 16.2 24.2

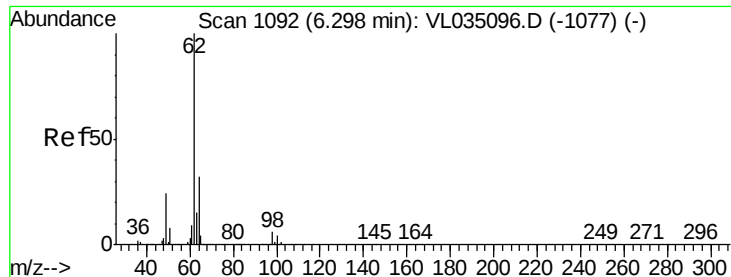


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





#37

1,2-Dichloroethane

Concen: 9.762 ppbv

RT: 6.30 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VL035150.D

Acq: 6 Jul 2020 17:52

Instrument :

MSVOA_L

ClientSampleId :

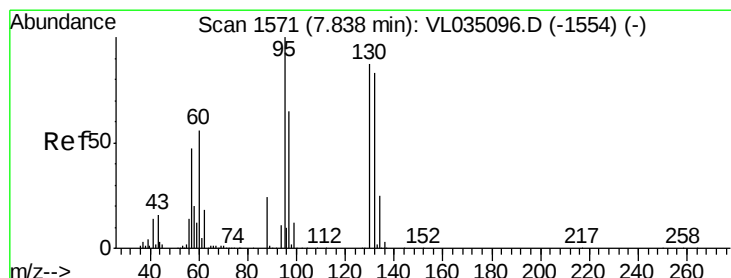
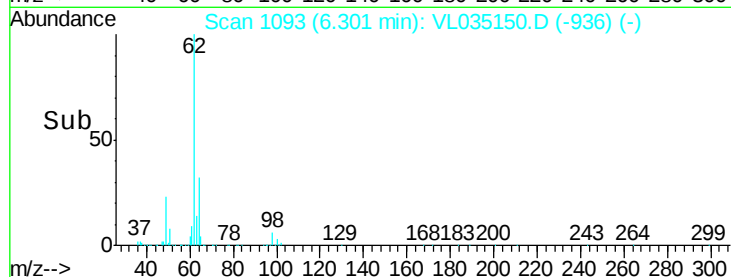
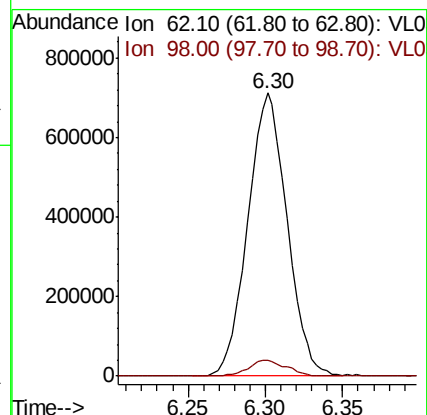
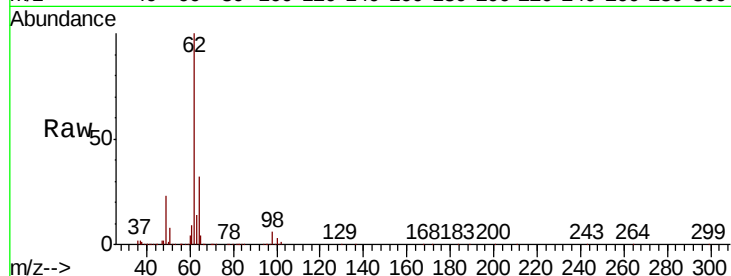
VL0706ABS01

Tot Ion: 62 Resp: 1256048

Ion Ratio Lower Upper

62 100

98 5.6 4.8 7.2



#38

Trichloroethene

Concen: 10.074 ppbv

RT: 7.84 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VL035150.D

Acq: 6 Jul 2020 17:52

Tgt Ion: 130 Resp: 796658

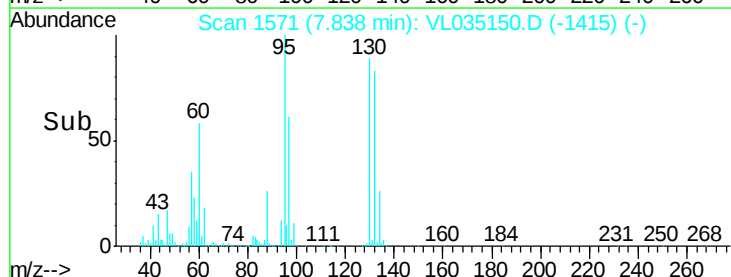
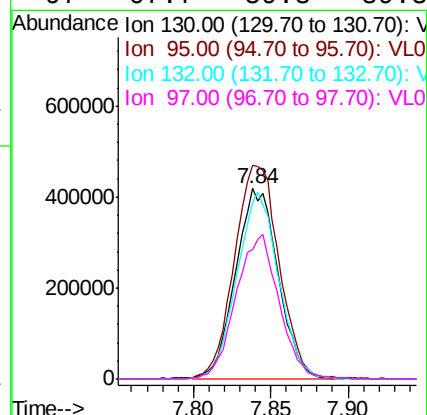
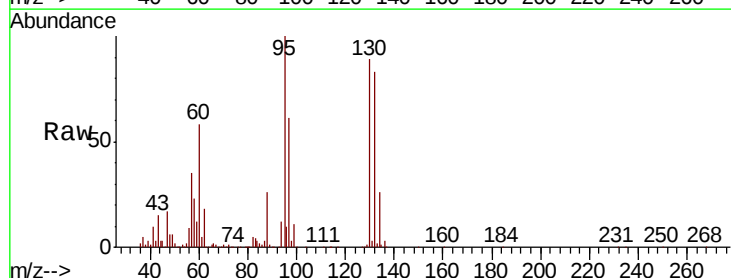
Ion Ratio Lower Upper

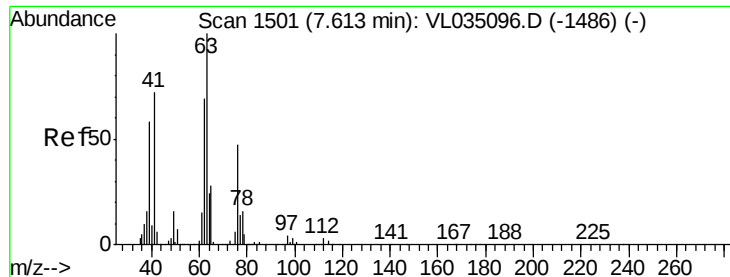
130 100

95 111.9 91.4 137.2

132 92.6 75.8 113.6

97 67.7 59.8 89.8





#39

1,2-Dichloropropane

Concen: 9.981 ppbv

RT: 7.62 min Scan# 1503

Delta R.T. 0.01 min

Lab File: VL035150.D

Acq: 6 Jul 2020 17:52

Instrument :

MSVOA_L

ClientSampleId :

VL0706ABS01

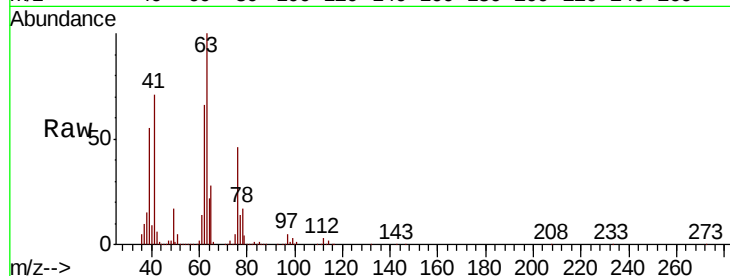
Tot Ion: 63 Resp: 794776

Ion Ratio Lower Upper

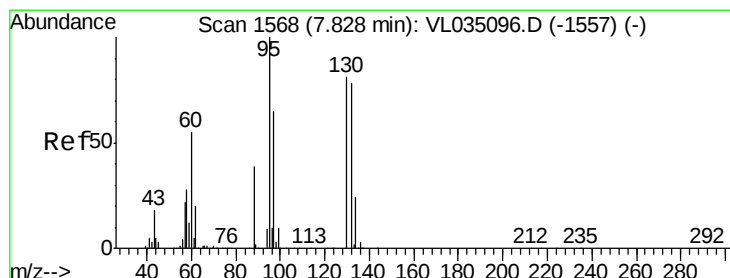
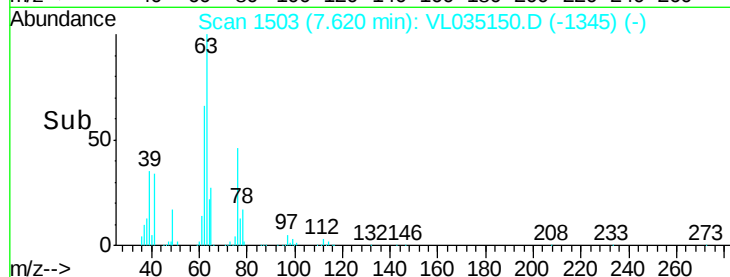
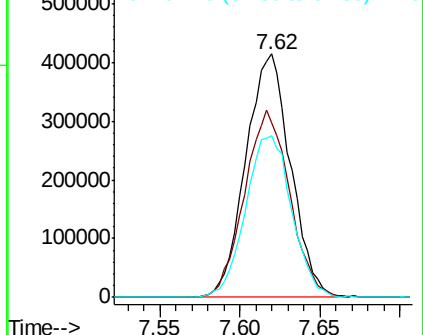
63 100

41 71.2 58.0 87.0

62 66.0 55.4 83.0



Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 62.10 (61.80 to 62.80): VL0



#40

1,4-Dioxane

Concen: 9.489 ppbv

RT: 7.83 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VL035150.D

Acq: 6 Jul 2020 17:52

Tgt Ion: 88 Resp: 298049

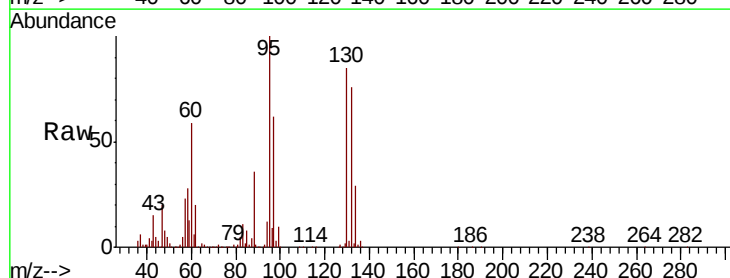
Ion Ratio Lower Upper

88 100

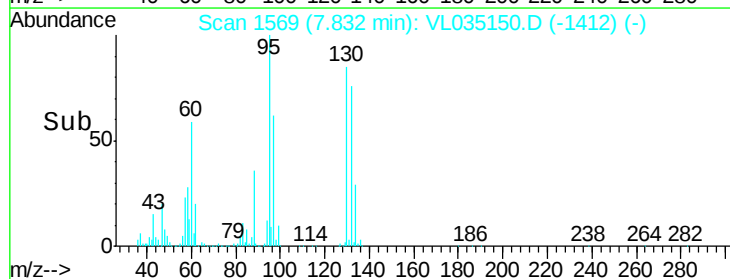
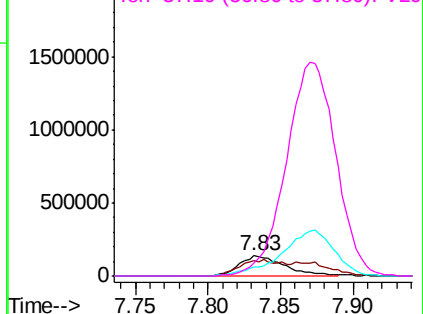
58 134.2 110.2 165.4

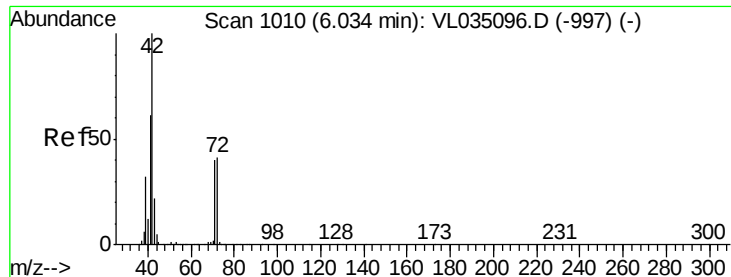
43 0.0 0.0 0.0

57 0.0 0.0 0.0



Abundance Ion 88.10 (87.80 to 88.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 57.10 (56.80 to 57.80): VL0





#41

Tetrahydrofuran

Concen: 10.360 ppbv

RT: 6.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VL035150.D

Acq: 6 Jul 2020 17:52

Instrument :

MSVOA_L

ClientSampleId :

VL0706ABS01

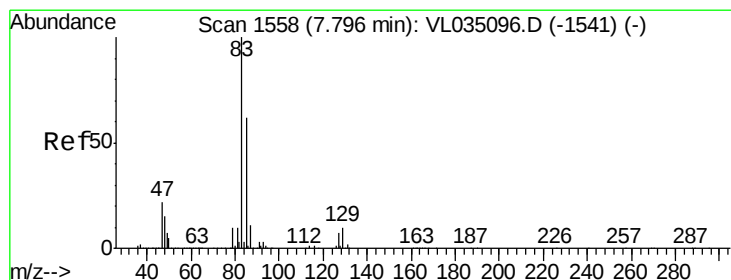
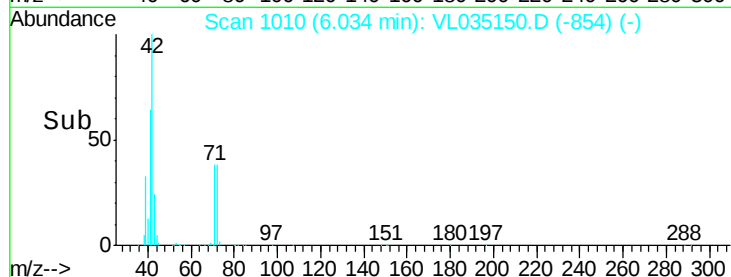
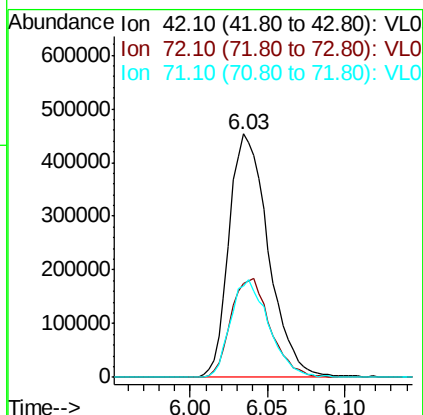
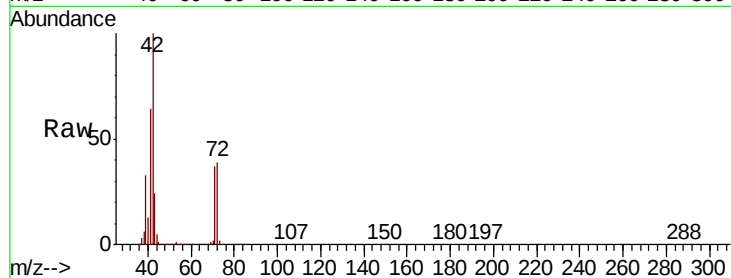
Tot Ion: 42 Resp: 798940

Ion Ratio Lower Upper

42 100

72 41.0 33.4 50.2

71 39.2 31.8 47.6



#42

Bromodichloromethane

Concen: 10.405 ppbv

RT: 7.80 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VL035150.D

Acq: 6 Jul 2020 17:52

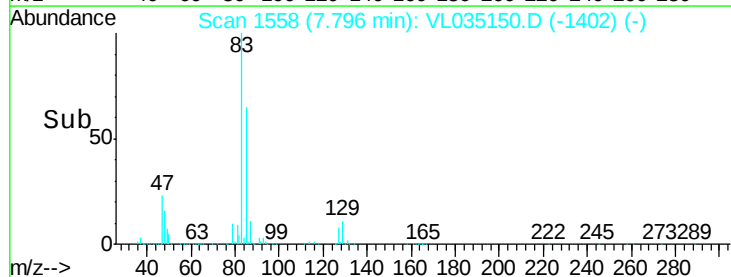
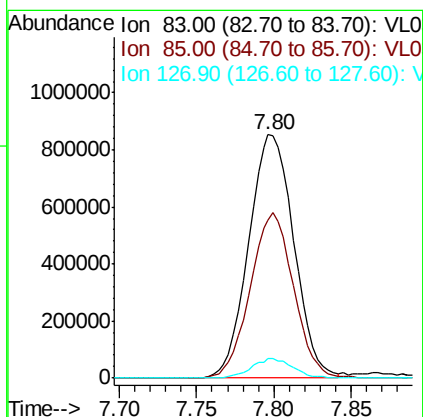
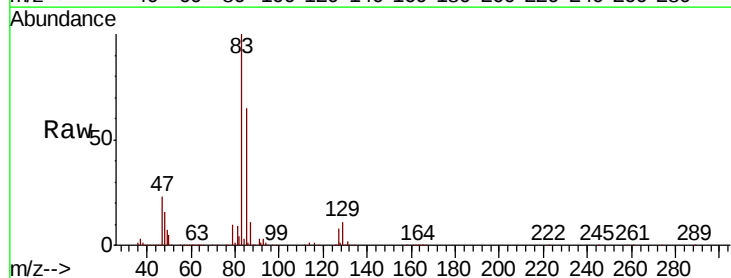
Tgt Ion: 83 Resp: 1733965

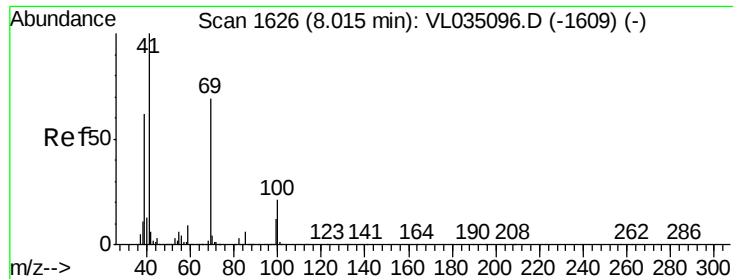
Ion Ratio Lower Upper

83 100

85 65.1 49.4 74.0

127 7.9 5.9 8.9





#43

Methyl Methacrylate

Concen: 10.786 ppbv

RT: 8.02 min Scan# 1627

Delta R.T. 0.00 min

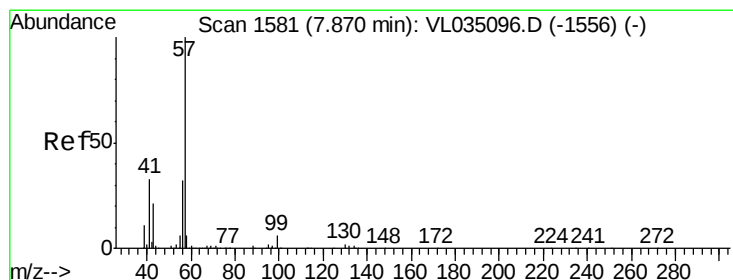
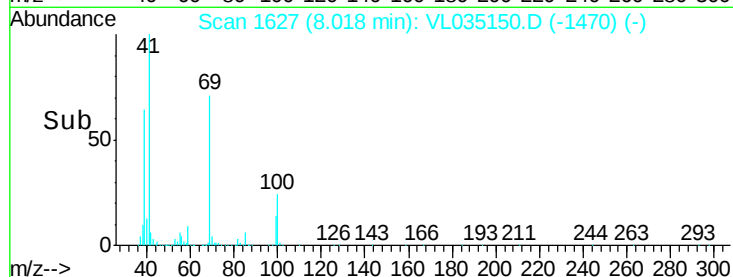
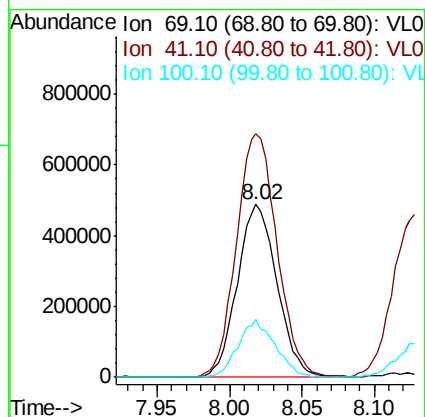
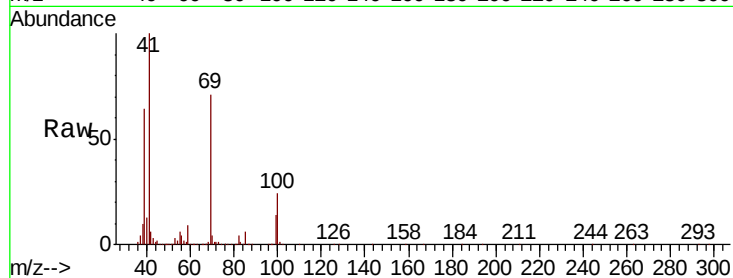
Lab File: VL035150.D

Acq: 6 Jul 2020 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0706ABS01

Tot Ion: 69 Resp: 929486

Ion	Ratio	Lower	Upper
69	100		
41	144.2	116.4	174.6
100	31.4	25.3	37.9



#44

2,2,4-Trimethylpentane

Concen: 9.796 ppbv

RT: 7.87 min Scan# 1581

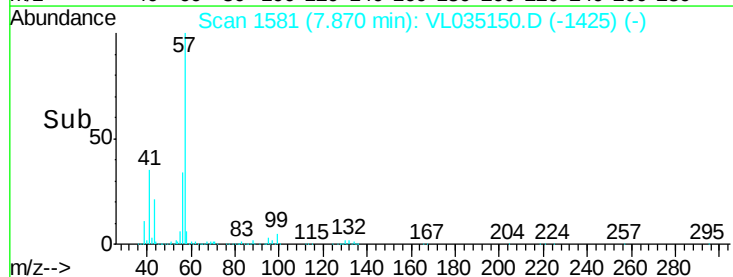
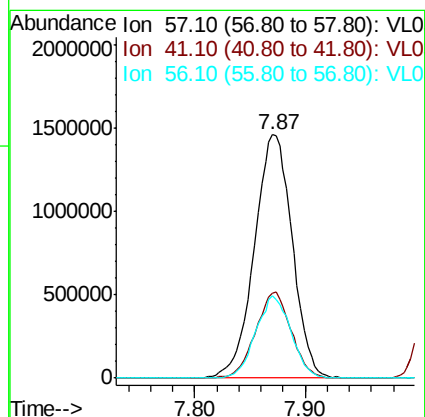
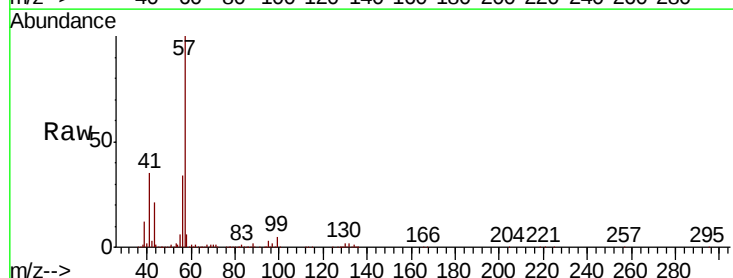
Delta R.T. 0.00 min

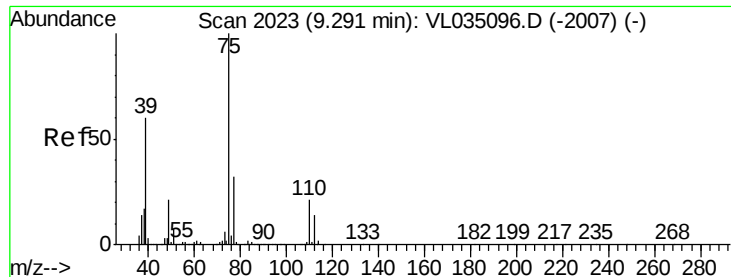
Lab File: VL035150.D

Acq: 6 Jul 2020 17:52

Tgt Ion: 57 Resp: 3481065

Ion	Ratio	Lower	Upper
57	100		
41	33.4	26.2	39.2
56	31.5	25.4	38.2

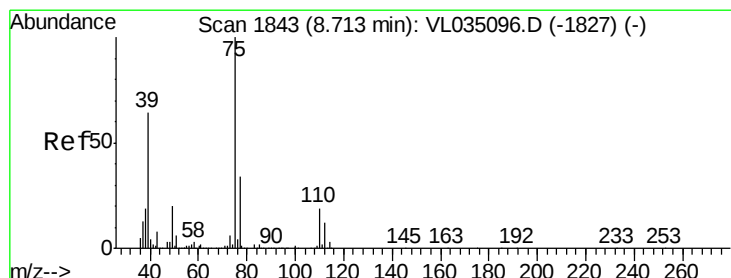
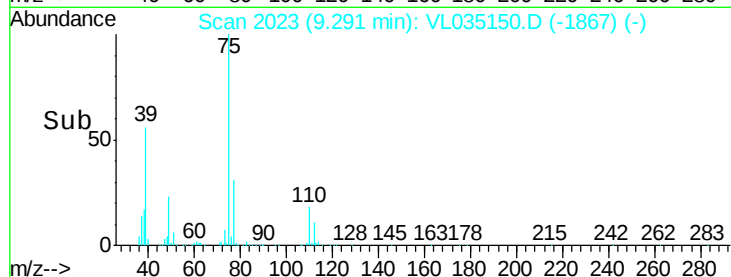
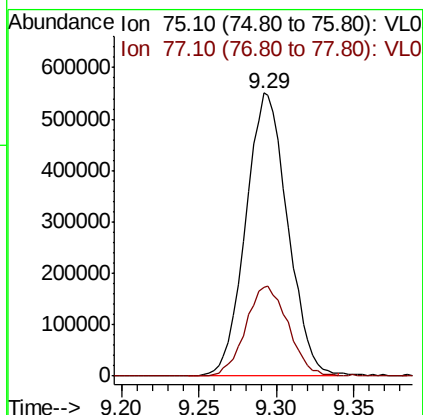
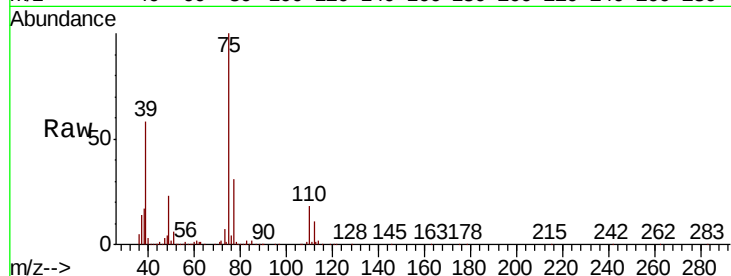




#45
 t-1,3-Dichloropropene
 Concen: 12.399 ppbv
 RT: 9.29 min Scan# 2023
 Delta R.T. 0.00 min
 Lab File: VL035150.D
 Acq: 6 Jul 2020 17:52

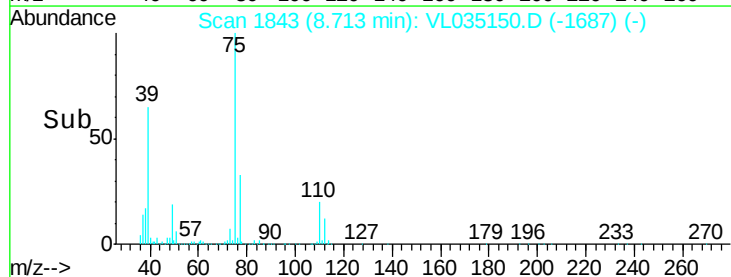
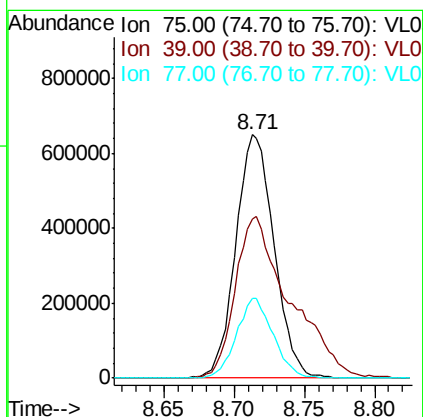
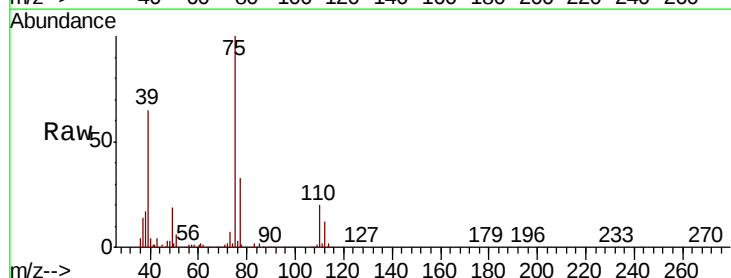
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0706ABS01

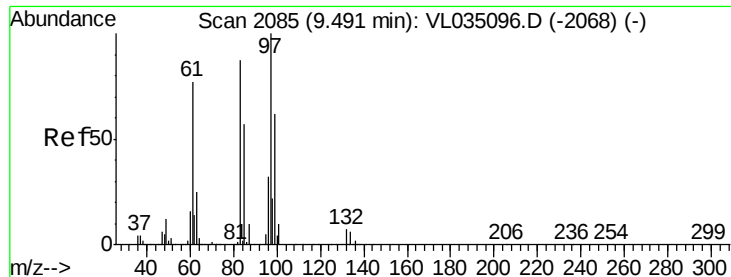
Tot Ion: 75 Resp: 1039854
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.5 38.3



#46
 cis-1,3-Dichloropropene
 Concen: 11.860 ppbv
 RT: 8.71 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VL035150.D
 Acq: 6 Jul 2020 17:52

Tgt Ion: 75 Resp: 1235656
 Ion Ratio Lower Upper
 75 100
 39 65.2 51.1 76.7
 77 32.5 26.9 40.3

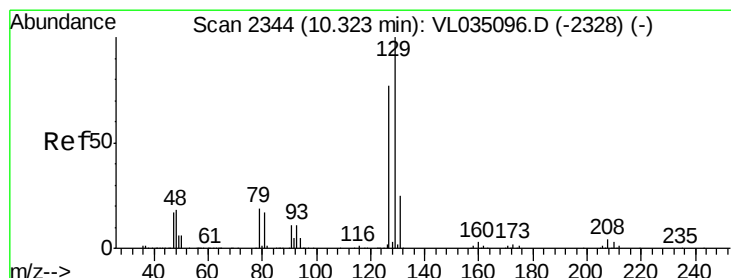
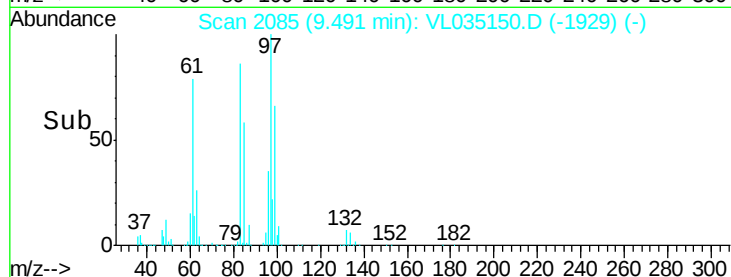
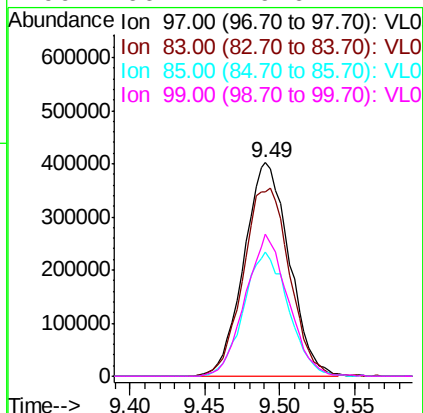
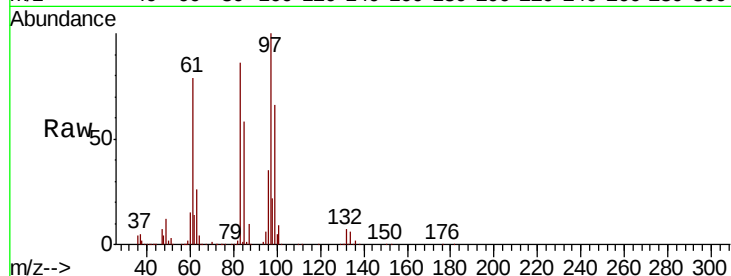




#47
 1,1,2-Trichloroethane
 Concen: 9.769 ppbv
 RT: 9.49 min Scan# 2085
 Delta R.T. 0.00 min
 Lab File: VL035150.D
 Acq: 6 Jul 2020 17:52

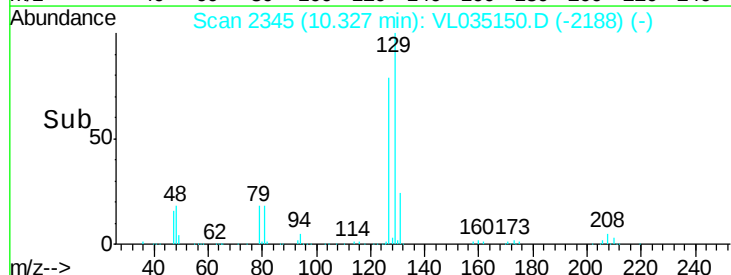
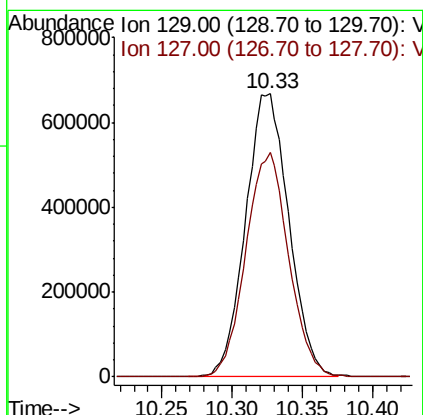
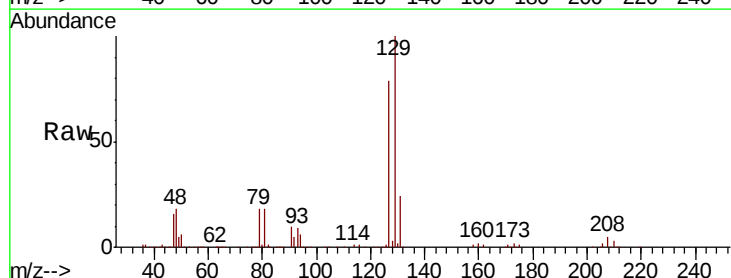
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0706ABS01

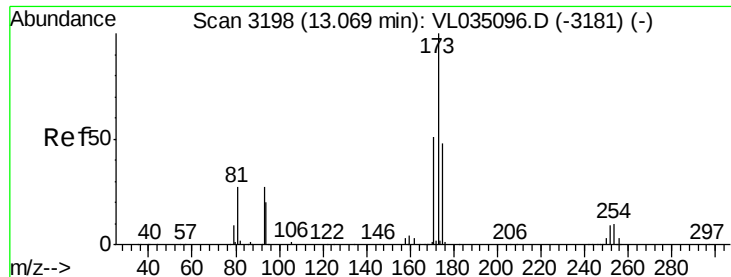
Tot Ion: 97 Resp: 848966
 Ion Ratio Lower Upper
 97 100
 83 86.3 69.5 104.3
 85 58.0 46.0 69.0
 99 66.1 49.6 74.4



#48
 Dibromochloromethane
 Concen: 11.091 ppbv
 RT: 10.33 min Scan# 2345
 Delta R.T. 0.00 min
 Lab File: VL035150.D
 Acq: 6 Jul 2020 17:52

Tgt Ion: 129 Resp: 1437001
 Ion Ratio Lower Upper
 129 100
 127 78.5 39.3 117.8





#49

Bromoform

Concen: 11.108 ppbv

RT: 13.07 min Scan# 3198

Delta R.T. 0.00 min

Lab File: VL035150.D

Acq: 6 Jul 2020 17:52

Instrument :

MSVOA_L

ClientSampleId :

VL0706ABS01

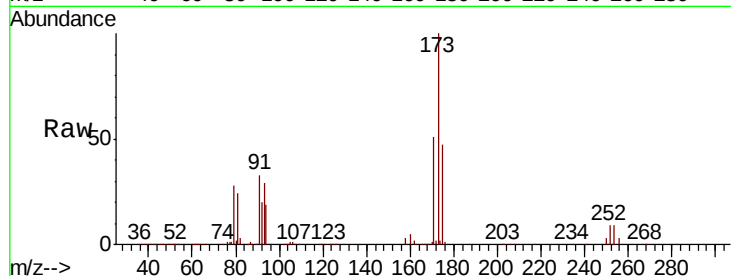
Tot Ion:173 Resp: 1222638

Ion Ratio Lower Upper

173 100

175 49.2 39.1 58.7

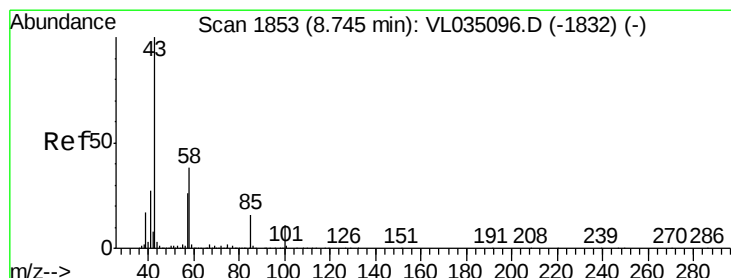
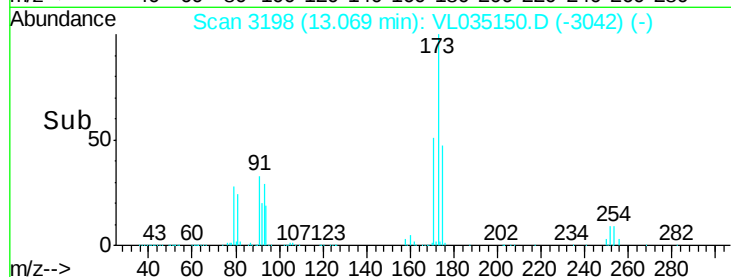
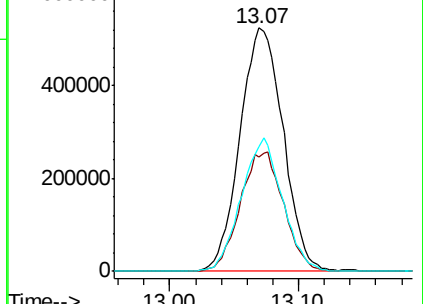
171 52.1 41.7 62.5



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 10.152 ppbv

RT: 8.75 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VL035150.D

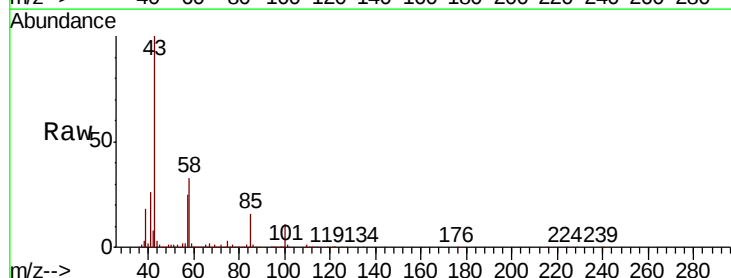
Acq: 6 Jul 2020 17:52

Tgt Ion: 43 Resp: 2177975

Ion Ratio Lower Upper

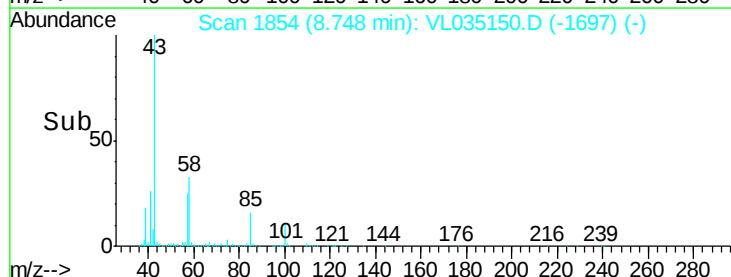
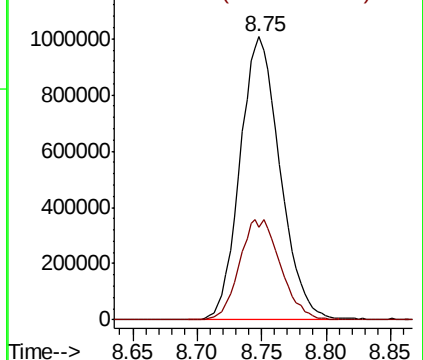
43 100

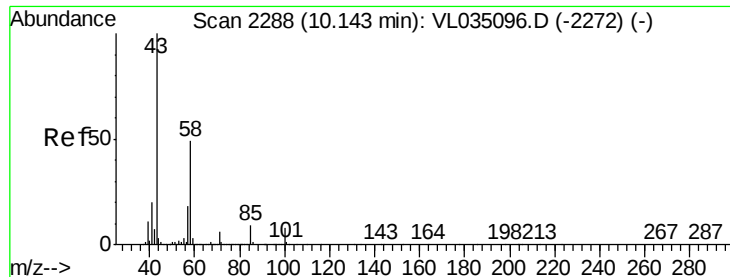
58 36.5 29.4 44.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

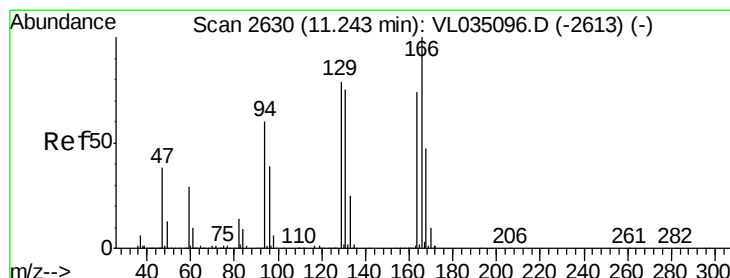
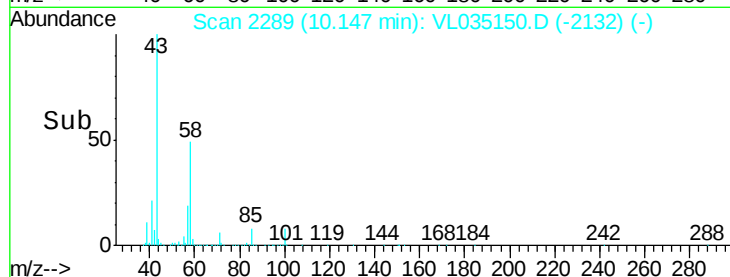
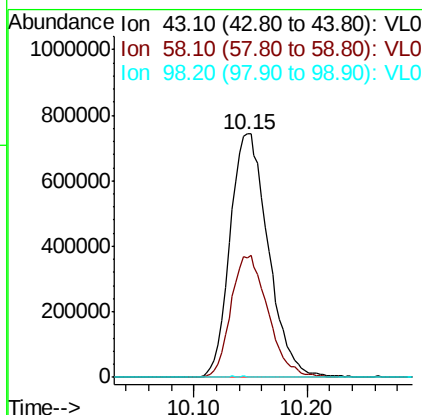
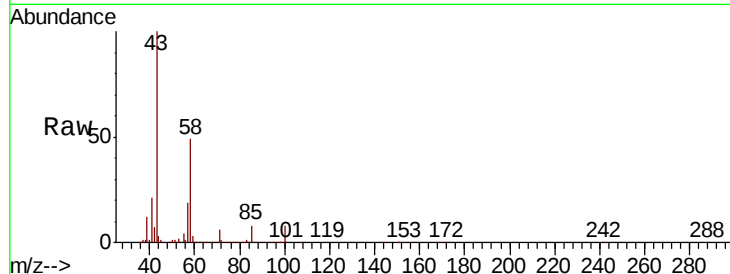




#51
2-Hexanone
Concen: 10.410 ppbv
RT: 10.15 min Scan# 2289
Delta R.T. 0.00 min
Lab File: VL035150.D
Acq: 6 Jul 2020 17:52

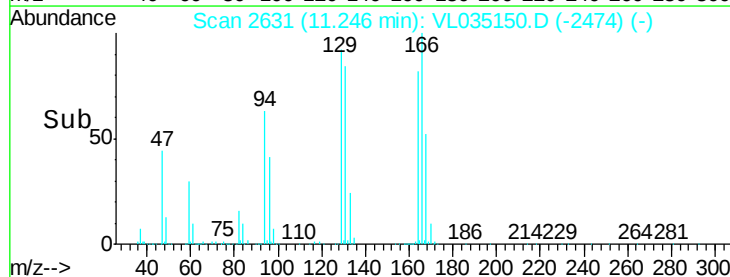
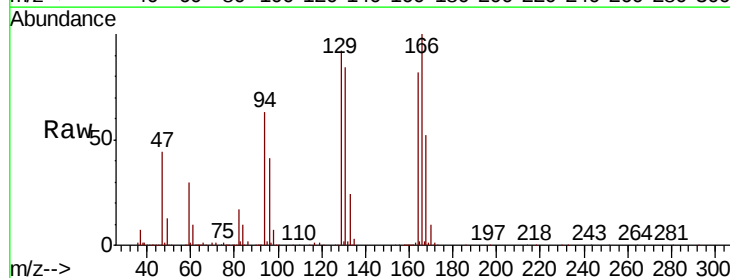
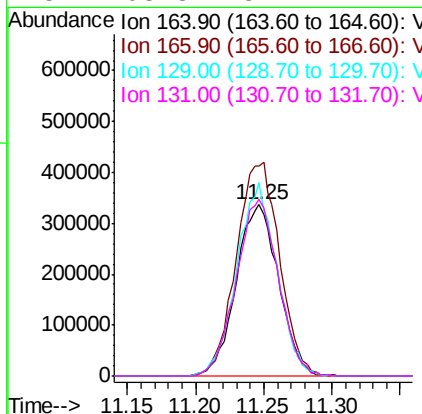
Instrument :
MSVOA_L
ClientSampleId :
VL0706ABS01

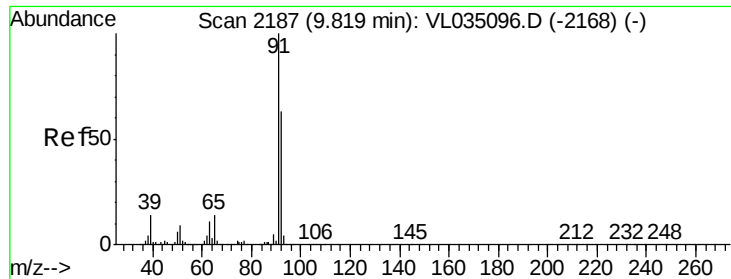
Tot Ion: 43 Resp: 1748926
Ion Ratio Lower Upper
43 100
58 48.7 39.2 58.8
98 0.5 0.3 0.5#



#52
Tetrachloroethene
Concen: 10.065 ppbv
RT: 11.25 min Scan# 2631
Delta R.T. 0.00 min
Lab File: VL035150.D
Acq: 6 Jul 2020 17:52

Tgt Ion: 164 Resp: 722061
Ion Ratio Lower Upper
164 100
166 122.4 107.5 161.3
129 112.9 84.9 127.3
131 103.3 81.1 121.7





#53

Toluene

Concen: 10.774 ppbv

RT: 9.82 min Scan# 2188

Delta R.T. 0.00 min

Lab File: VL035150.D

Acq: 6 Jul 2020 17:52

Instrument :

MSVOA_L

ClientSampleId :

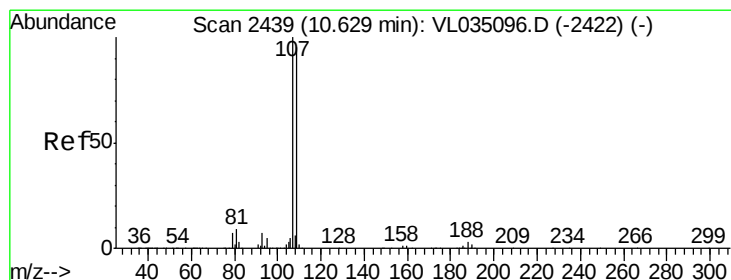
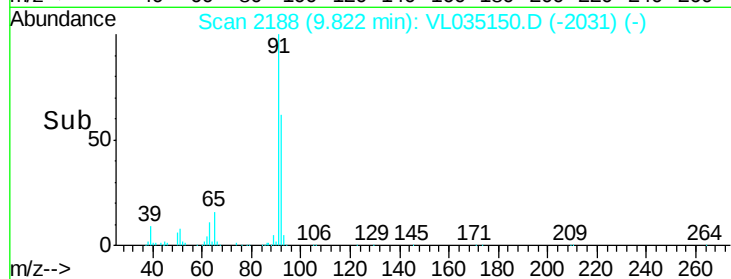
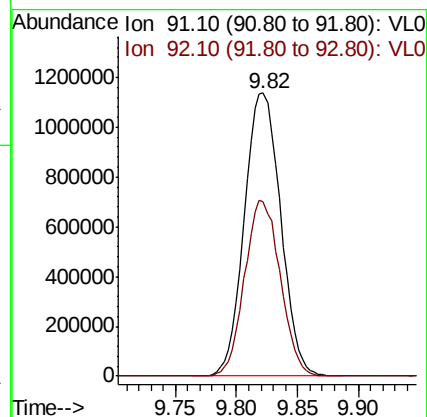
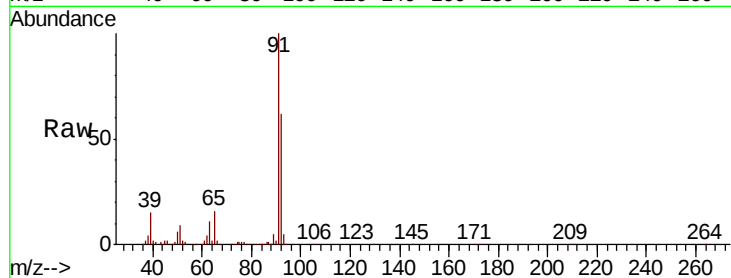
VL0706ABS01

Tot Ion: 91 Resp: 2339745

Ion Ratio Lower Upper

91 100

92 61.0 49.0 73.6



#54

1,2-Dibromoethane

Concen: 9.851 ppbv

RT: 10.64 min Scan# 2441

Delta R.T. 0.01 min

Lab File: VL035150.D

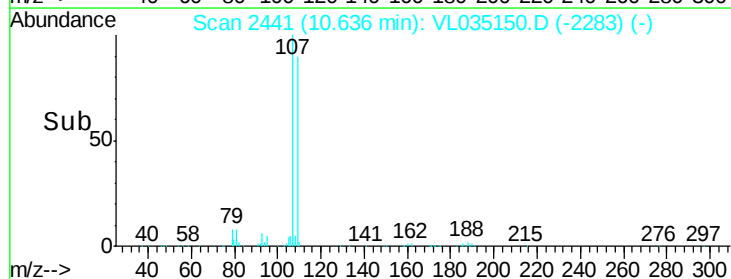
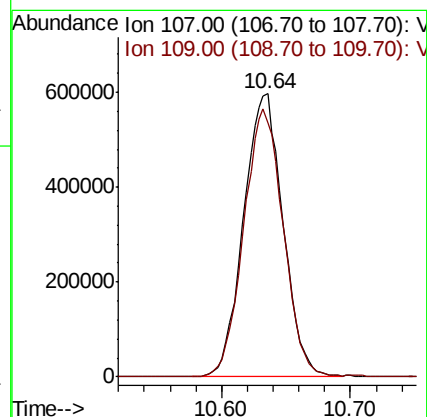
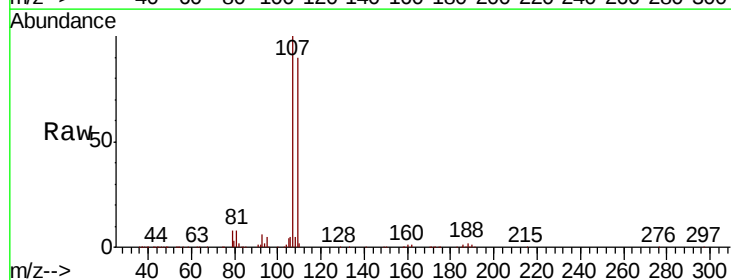
Acq: 6 Jul 2020 17:52

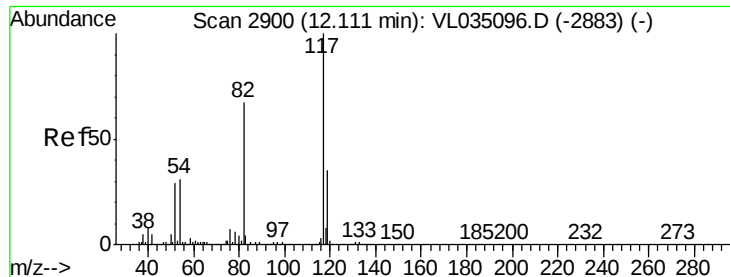
Tgt Ion:107 Resp: 1267610

Ion Ratio Lower Upper

107 100

109 89.6 75.9 113.9

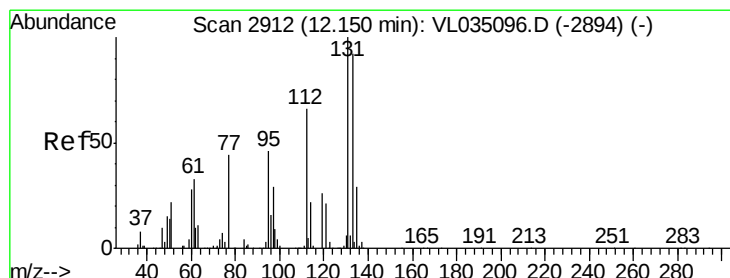
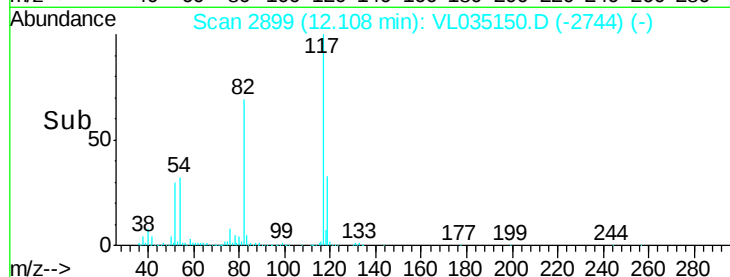
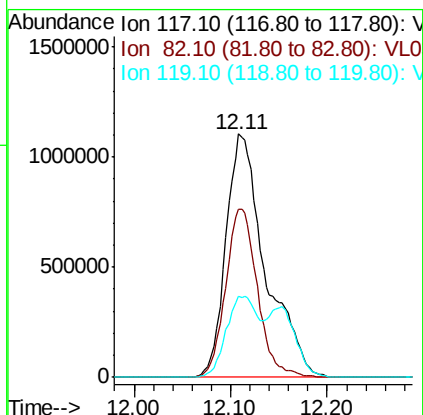
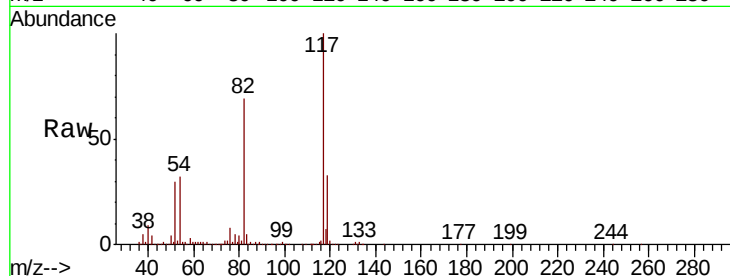




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VL035150.D
Acq: 6 Jul 2020 17:52

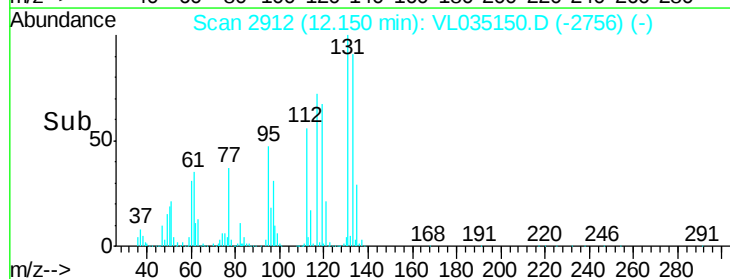
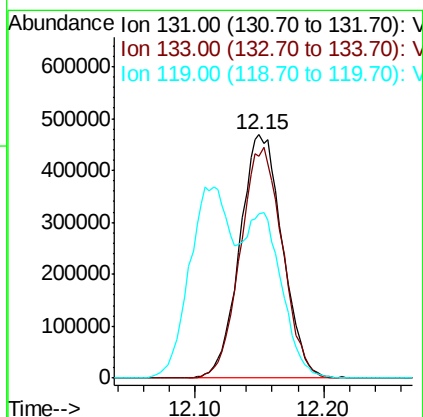
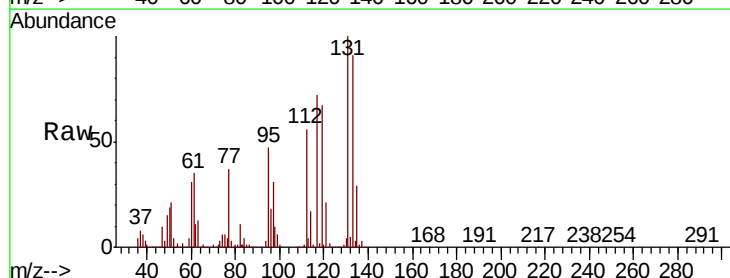
Instrument :
MSVOA_L
ClientSampleId :
VL0706ABS01

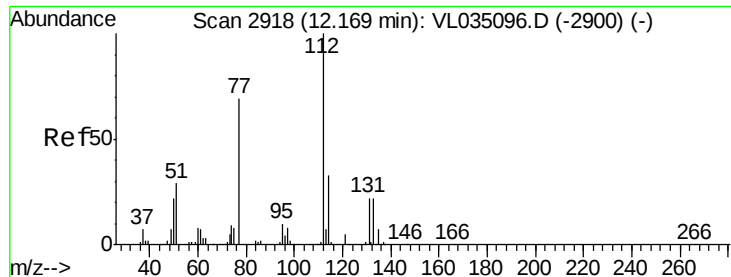
Tot Ion:117 Resp: 3135662
Ion Ratio Lower Upper
117 100
82 55.9 50.4 75.6
119 27.3 25.4 38.0



#56
1,1,1,2-Tetrachloroethane
Concen: 8.404 ppbv
RT: 12.15 min Scan# 2912
Delta R.T. 0.00 min
Lab File: VL035150.D
Acq: 6 Jul 2020 17:52

Tgt Ion:131 Resp: 1078445
Ion Ratio Lower Upper
131 100
133 94.0 76.2 114.4
119 138.9 114.6 172.0

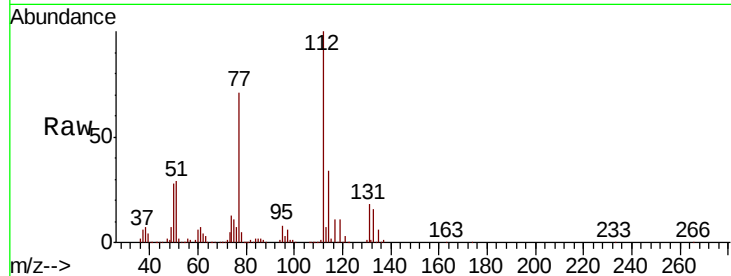




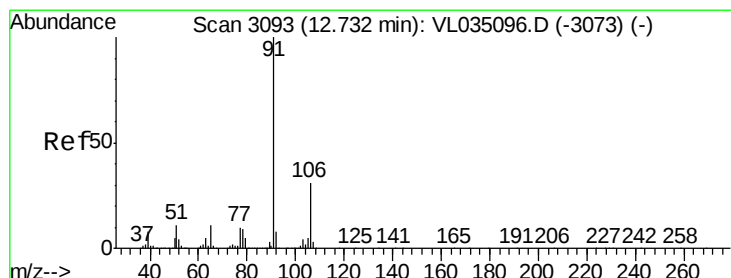
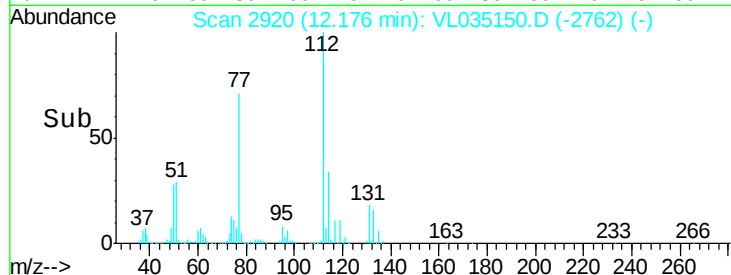
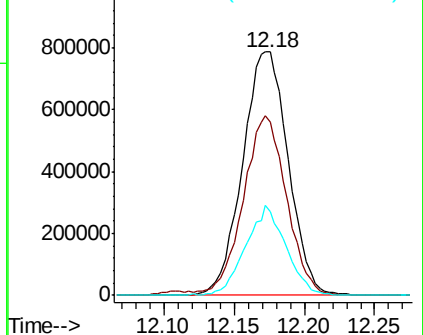
#57
Chlorobenzene
Concen: 7.688 ppbv
RT: 12.18 min Scan# 2920
Delta R.T. 0.01 min
Lab File: VL035150.D
Acq: 6 Jul 2020 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0706ABS01

Tot Ion:112 Resp: 1773892
Ion Ratio Lower Upper
112 100
77 70.8 56.7 85.1
114 34.1 29.3 35.9

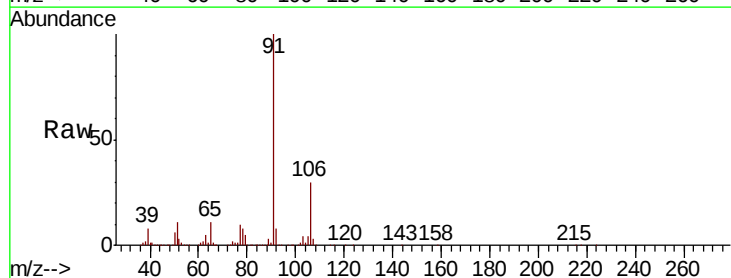


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

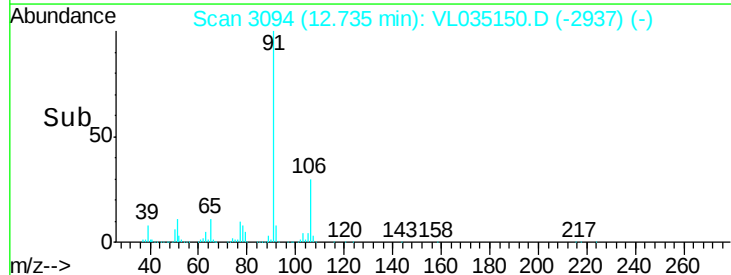
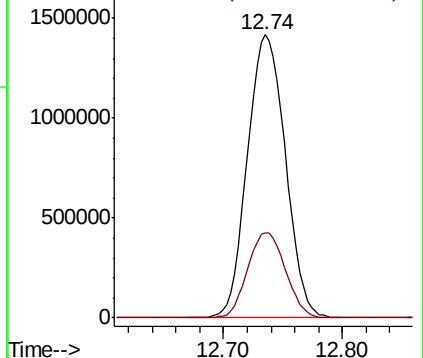


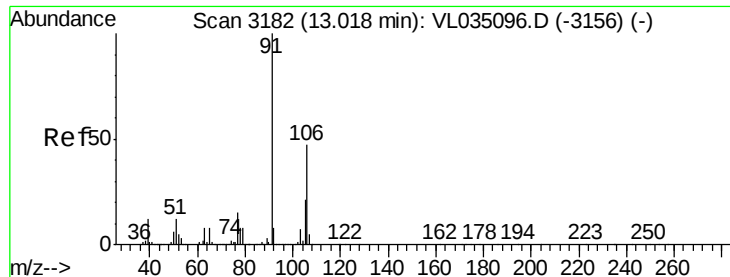
#58
Ethyl Benzene
Concen: 8.894 ppbv
RT: 12.74 min Scan# 3094
Delta R.T. 0.00 min
Lab File: VL035150.D
Acq: 6 Jul 2020 17:52

Tgt Ion: 91 Resp: 3133579
Ion Ratio Lower Upper
91 100
106 29.9 25.0 37.6



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

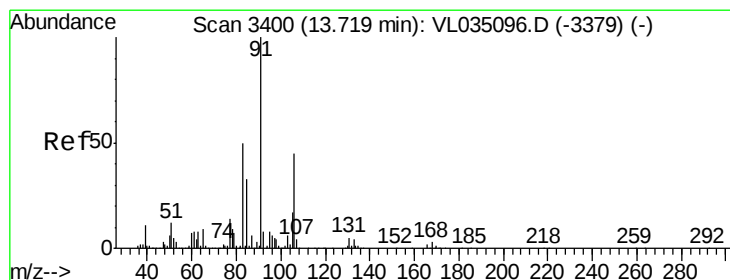
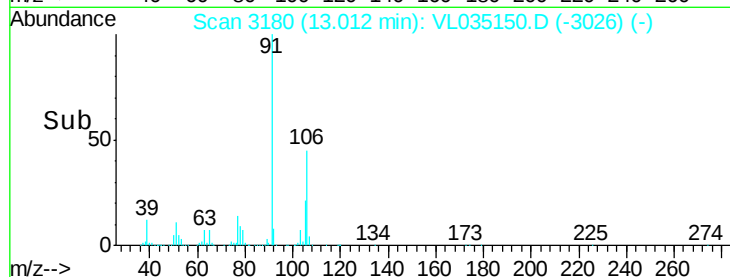
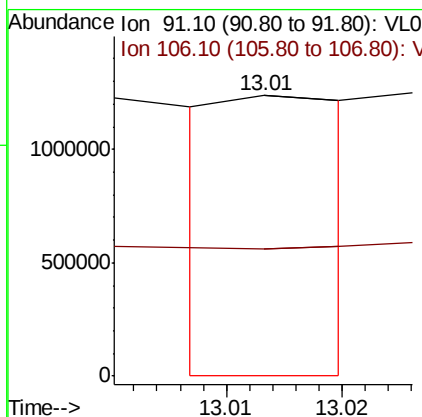
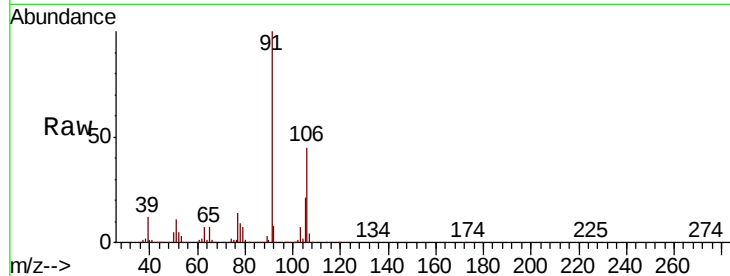




#59
m/p-Xylene
Concen: 1.513 ppbv
RT: 13.01 min Scan# 3180
Delta R.T. -0.01 min
Lab File: VL035150.D
Acq: 6 Jul 2020 17:52

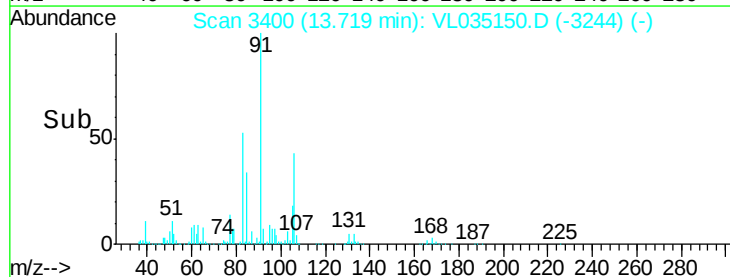
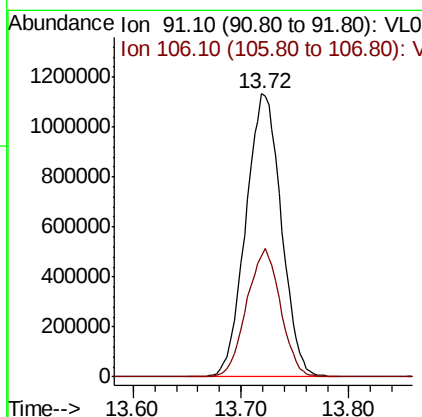
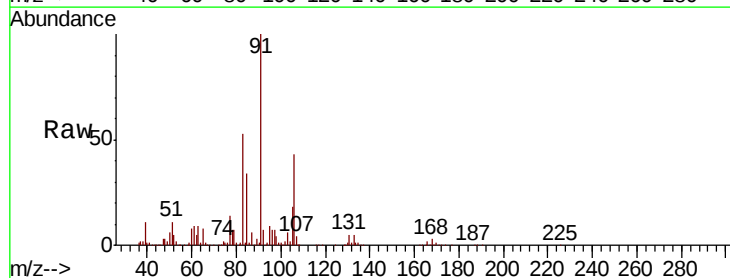
Instrument :
MSVOA_L
ClientSampleId :
VL0706ABS01

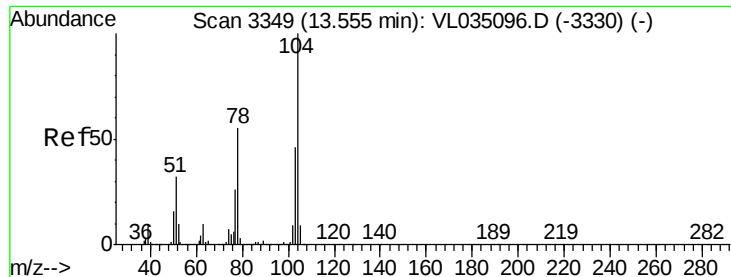
Tot Ion: 91 Resp: 472445
Ion Ratio Lower Upper
91 100
106 0.0 36.5 54.7#



#60
o-Xylene
Concen: 8.326 ppbv
RT: 13.72 min Scan# 3400
Delta R.T. 0.00 min
Lab File: VL035150.D
Acq: 6 Jul 2020 17:52

Tgt Ion: 91 Resp: 2588183
Ion Ratio Lower Upper
91 100
106 43.3 22.1 66.5





#61

Stvrene

Concen: 9.280 ppbv

RT: 13.56 min Scan# 3349

Delta R.T. 0.00 min

Lab File: VL035150.D

Acq: 6 Jul 2020 17:52

Instrument :

MSVOA_L

ClientSampleId :

VL0706ABS01

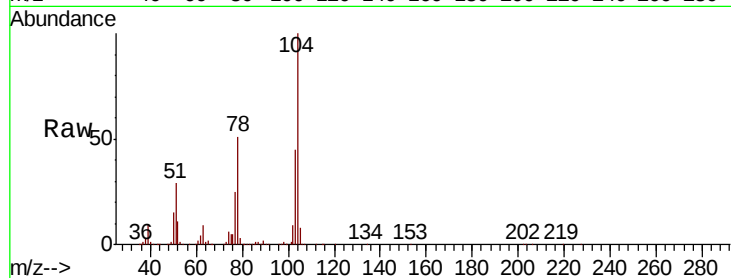
Tot Ion:104 Resp: 1815139

Ion Ratio Lower Upper

104 100

78 53.6 43.4 65.0

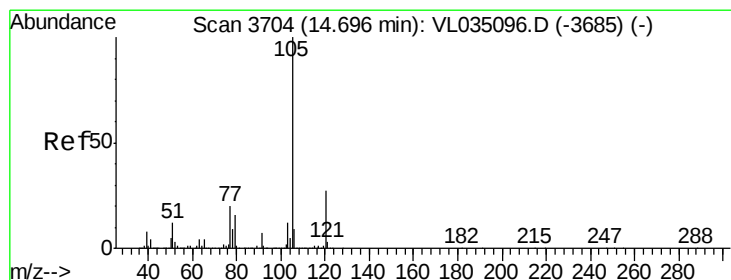
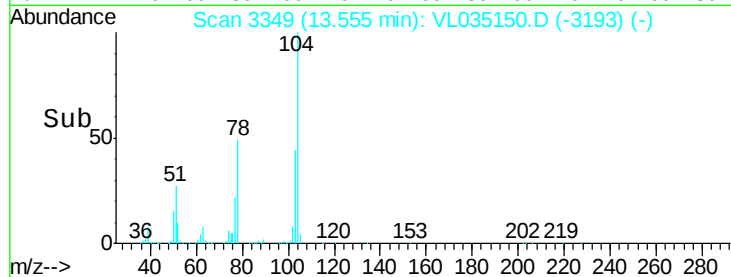
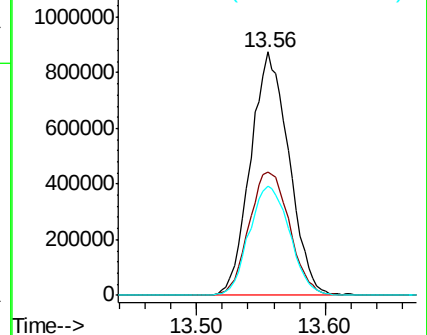
103 47.4 38.3 57.5



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 8.099 ppbv

RT: 14.70 min Scan# 3704

Delta R.T. 0.00 min

Lab File: VL035150.D

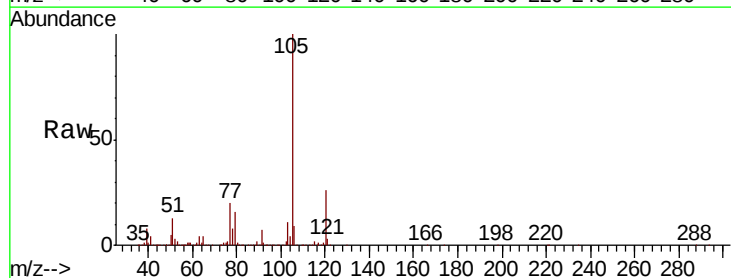
Acq: 6 Jul 2020 17:52

Tgt Ion:105 Resp: 3756794

Ion Ratio Lower Upper

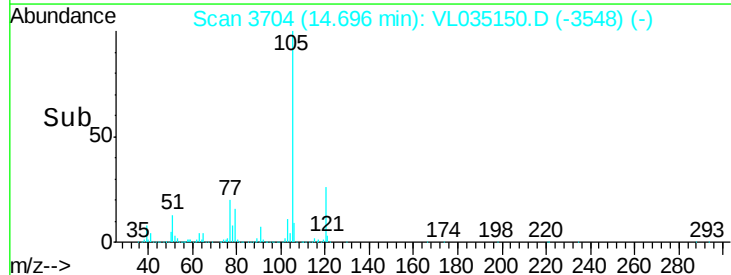
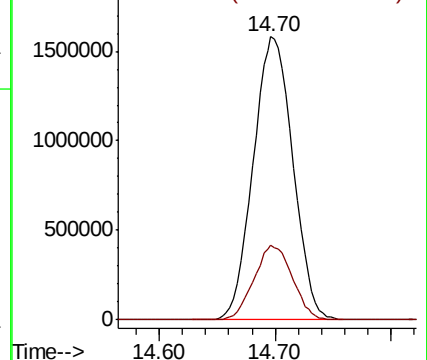
105 100

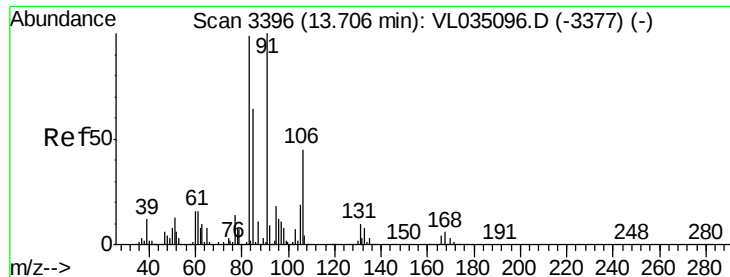
120 25.5 20.8 31.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

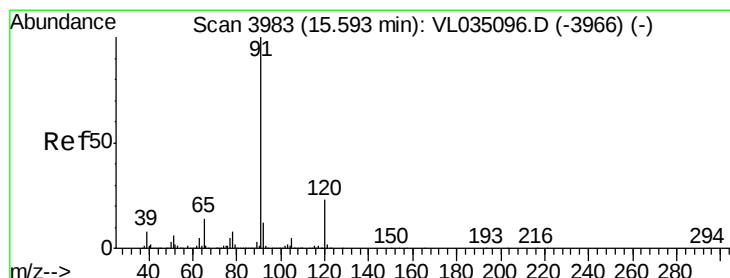
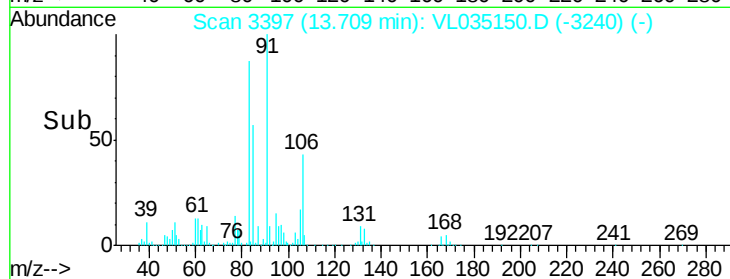
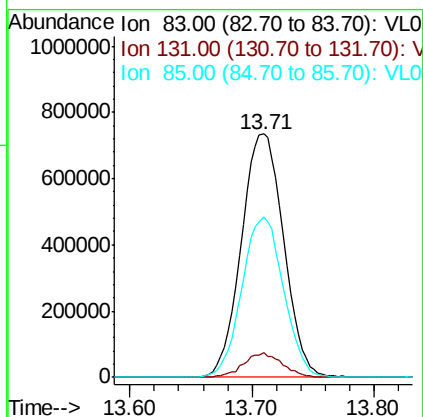
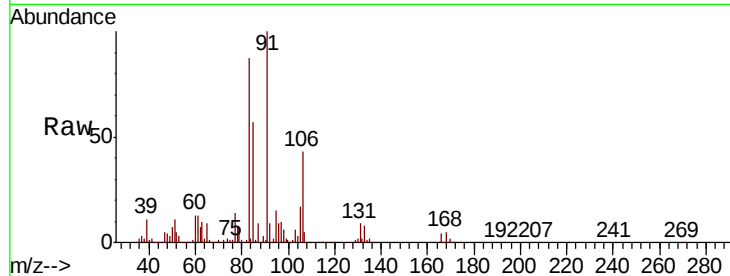




#63
 1,1,2,2-Tetrachloroethane
 Concen: 6.991 ppbv
 RT: 13.71 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VL035150.D
 Acq: 6 Jul 2020 17:52

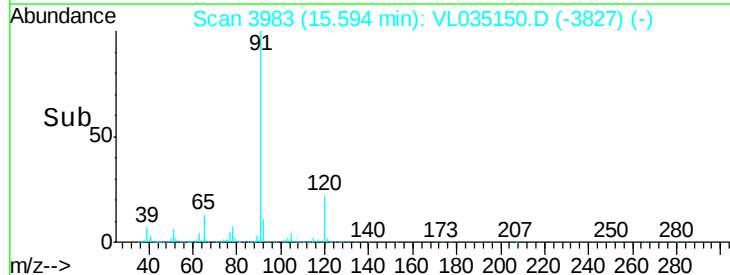
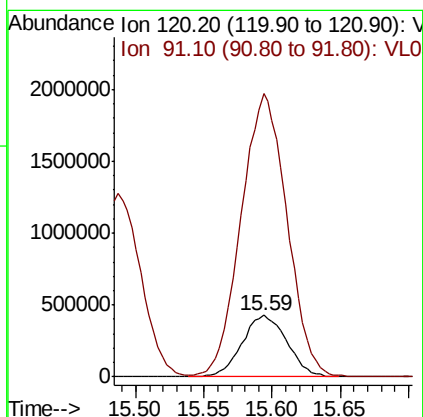
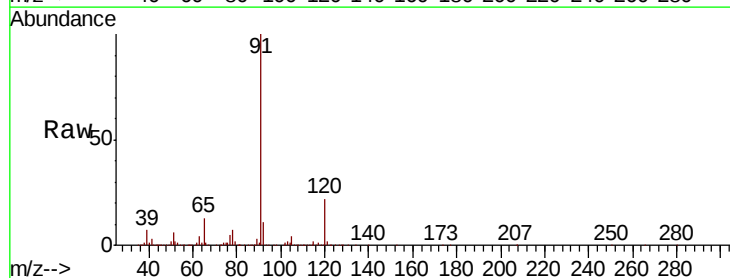
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0706ABS01

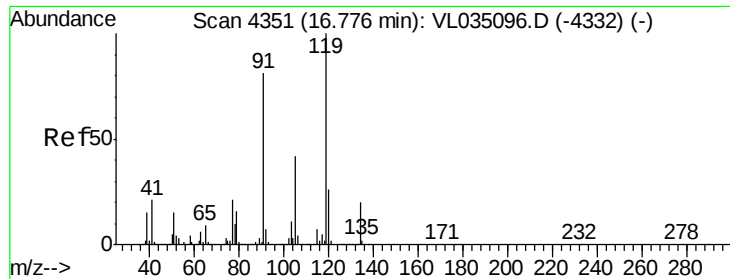
Tot Ion: 83 Resp: 1760084
 Ion Ratio Lower Upper
 83 100
 131 9.2 4.7 14.0
 85 65.2 32.4 97.0



#64
 n-propylbenzene
 Concen: 8.295 ppbv
 RT: 15.59 min Scan# 3983
 Delta R.T. 0.00 min
 Lab File: VL035150.D
 Acq: 6 Jul 2020 17:52

Tgt Ion:120 Resp: 981905
 Ion Ratio Lower Upper
 120 100
 91 470.4 367.9 551.9





#65

tert-Butylbenzene

Concen: 8.215 ppbv

RT: 16.78 min Scan# 4353

Delta R.T. 0.01 min

Lab File: VL035150.D

Acq: 6 Jul 2020 17:52

Instrument :

MSVOA_L

ClientSampleId :

VL0706ABS01

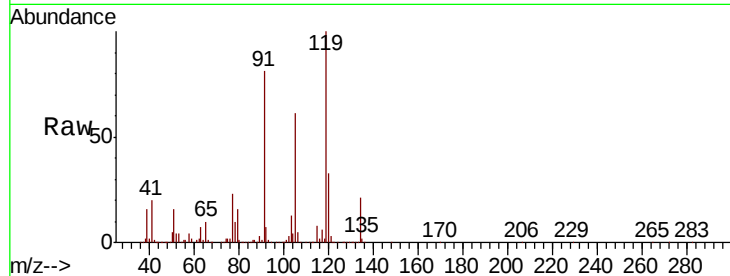
Tot Ion:119 Resp: 3263125

Ion Ratio Lower Upper

119 100

91 84.4 67.6 101.4

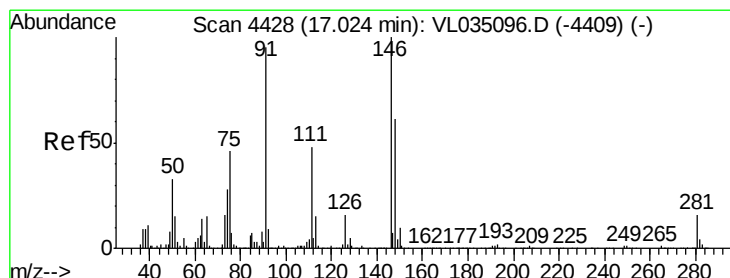
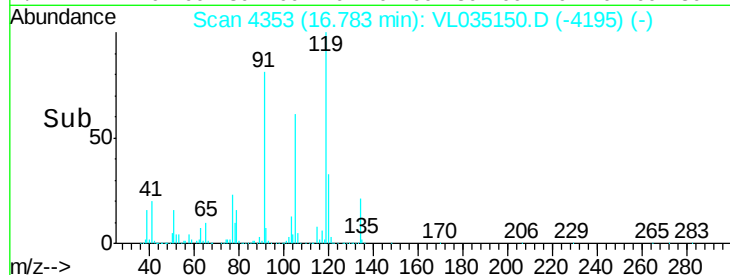
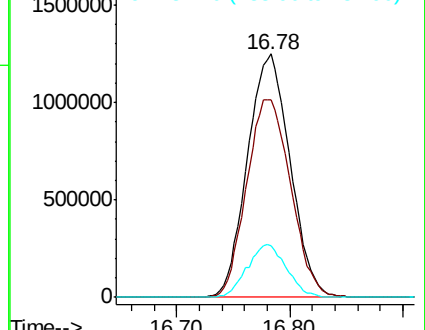
134 20.0 15.7 23.5



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 10.531 ppbv

RT: 17.03 min Scan# 4429

Delta R.T. 0.00 min

Lab File: VL035150.D

Acq: 6 Jul 2020 17:52

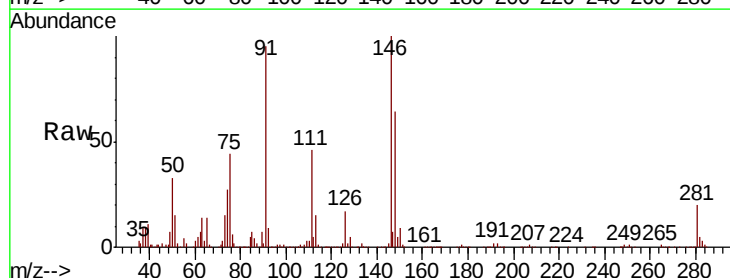
Tgt Ion: 91 Resp: 1292156

Ion Ratio Lower Upper

91 100

126 17.0 13.5 20.3

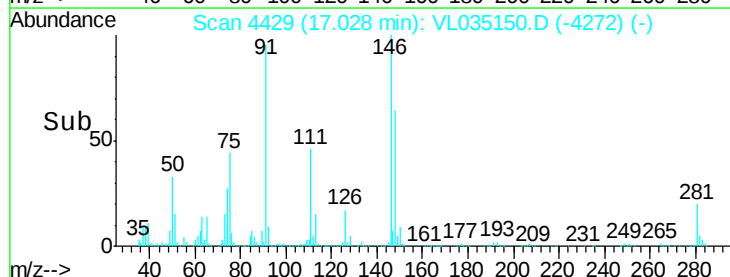
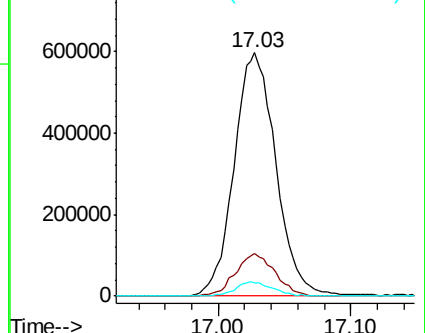
128 5.5 4.3 6.5

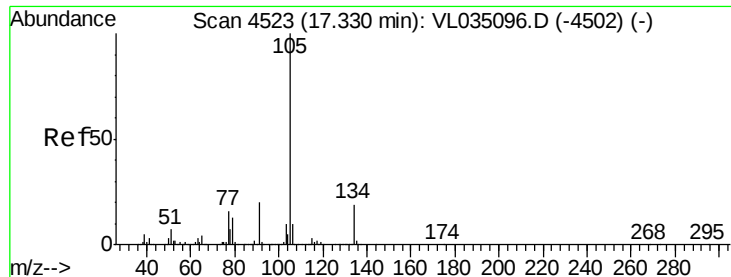


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 8.144 ppbv

RT: 17.33 min Scan# 4523

Delta R.T. 0.00 min

Lab File: VL035150.D

Acq: 6 Jul 2020 17:52

Instrument :

MSVOA_L

ClientSampleId :

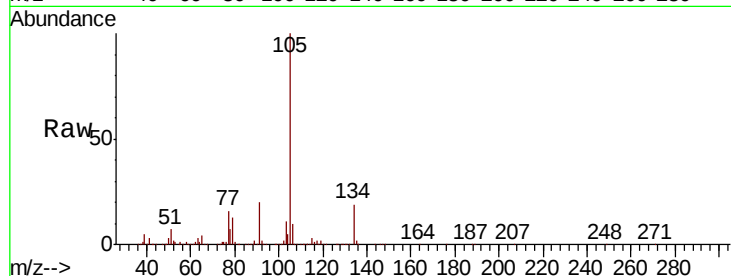
VL0706ABS01

Tot Ion:105 Resp: 4636383

Ion Ratio Lower Upper

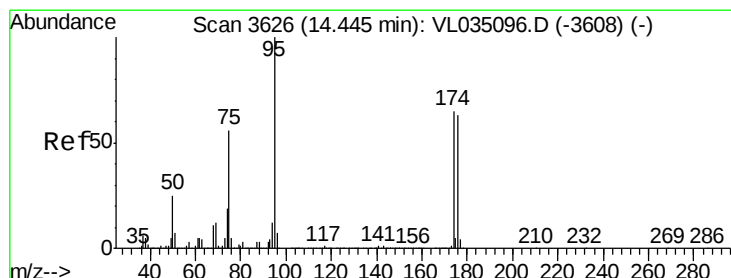
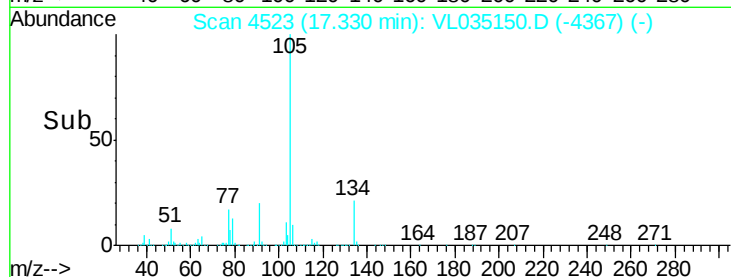
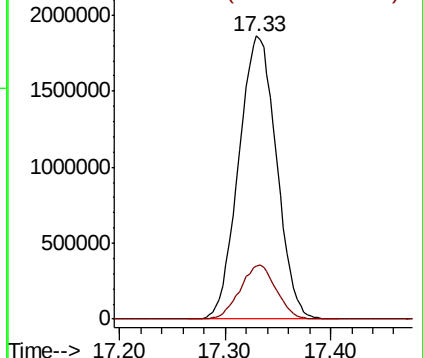
105 100

134 18.4 14.7 22.1



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 8.205 ppbv

RT: 14.45 min Scan# 3627

Delta R.T. 0.00 min

Lab File: VL035150.D

Acq: 6 Jul 2020 17:52

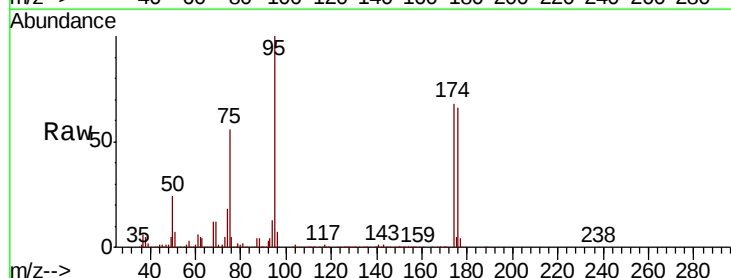
Tgt Ion: 95 Resp: 2137149

Ion Ratio Lower Upper

95 100

174 65.8 52.2 78.2

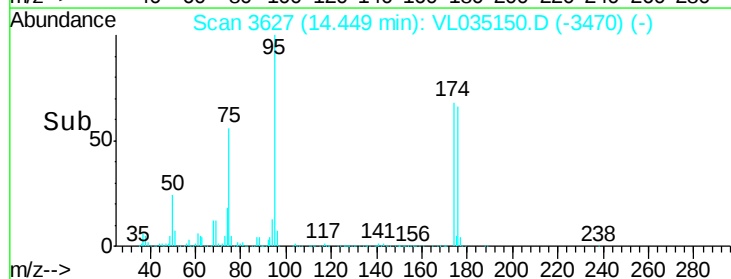
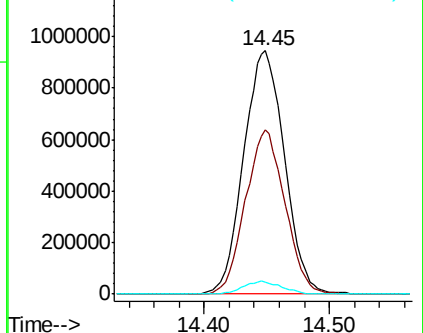
175 5.1 4.0 6.0

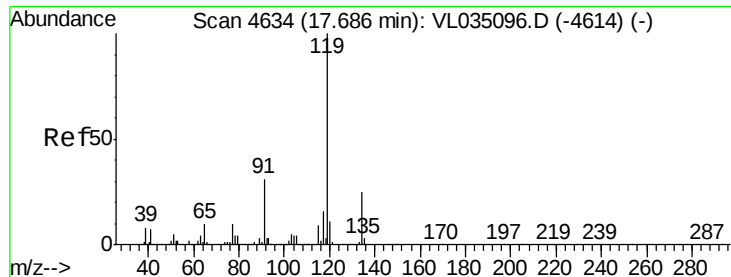


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

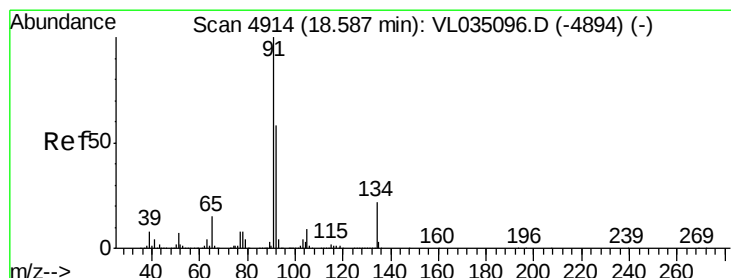
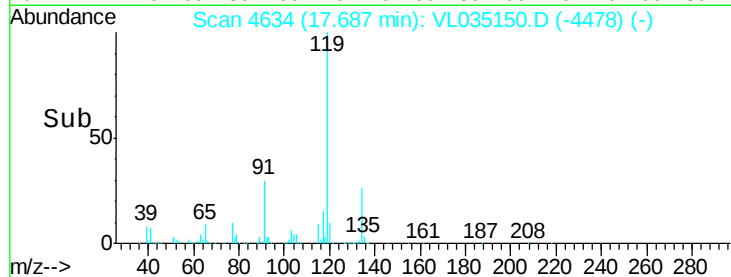
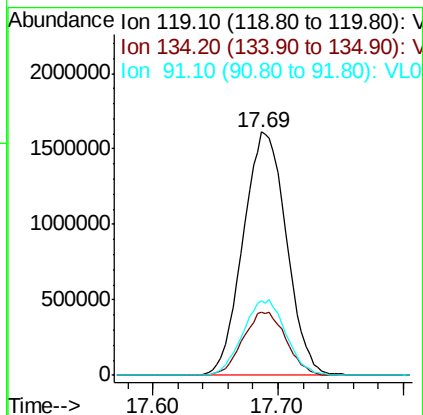
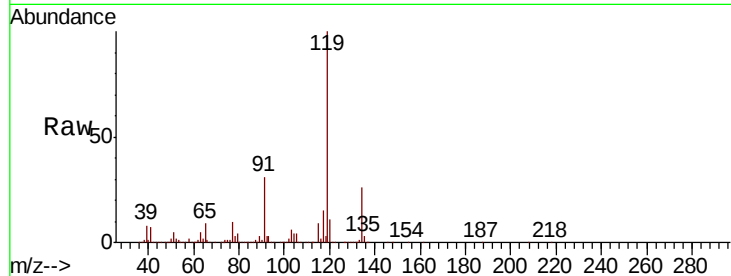




#69
 p-Isopropyltoluene
 Concen: 8.531 ppbv
 RT: 17.69 min Scan# 4634
 Delta R.T. 0.00 min
 Lab File: VL035150.D
 Acq: 6 Jul 2020 17:52

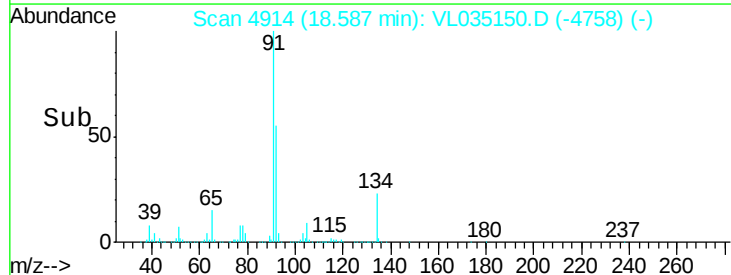
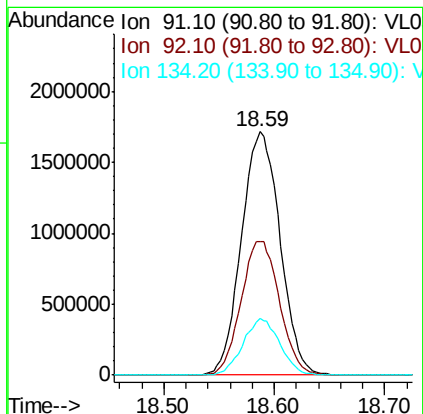
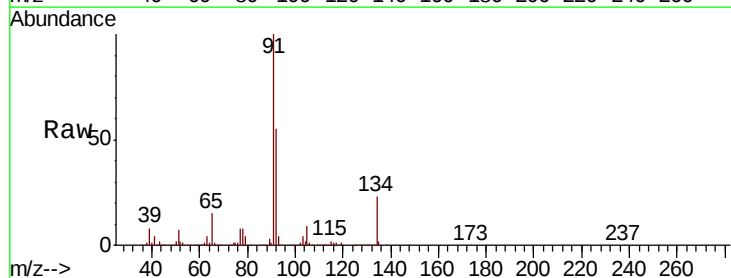
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0706ABS01

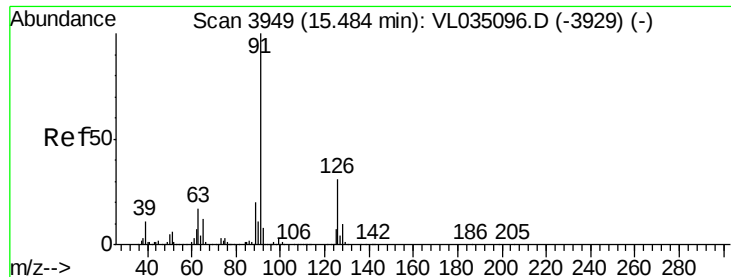
Tot Ion:119 Resp: 3873737
 Ion Ratio Lower Upper
 119 100
 134 25.9 20.4 30.6
 91 31.0 24.5 36.7



#70
 n-Butylbenzene
 Concen: 8.525 ppbv
 RT: 18.59 min Scan# 4914
 Delta R.T. 0.00 min
 Lab File: VL035150.D
 Acq: 6 Jul 2020 17:52

Tgt Ion: 91 Resp: 4170166
 Ion Ratio Lower Upper
 91 100
 92 54.5 44.4 66.6
 134 22.1 18.0 27.0

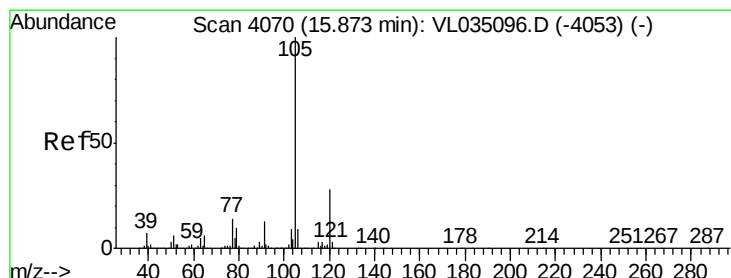
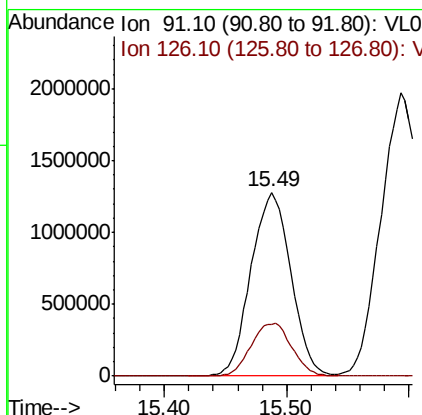
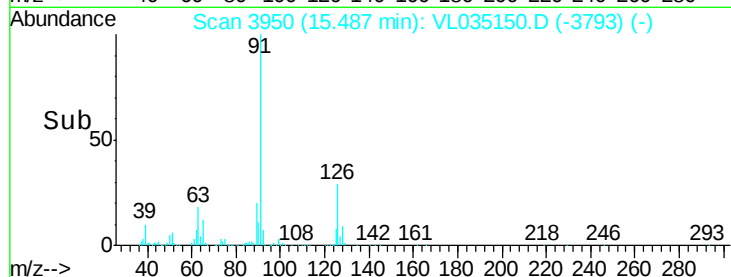
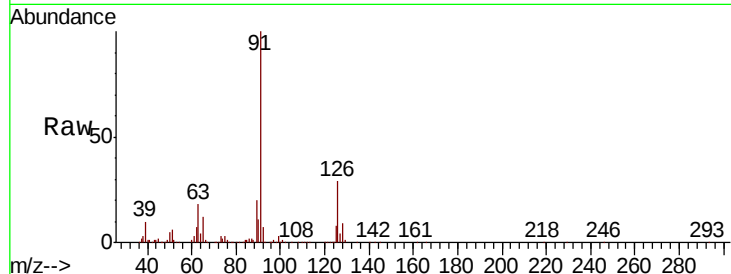




#71
 2-Chlorotoluene
 Concen: 8.286 ppbv
 RT: 15.49 min Scan# 3950
 Delta R.T. 0.00 min
 Lab File: VL035150.D
 Acq: 6 Jul 2020 17:52

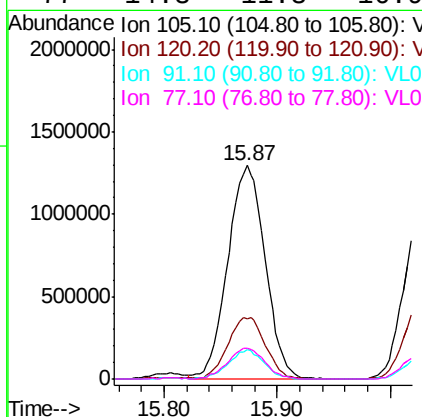
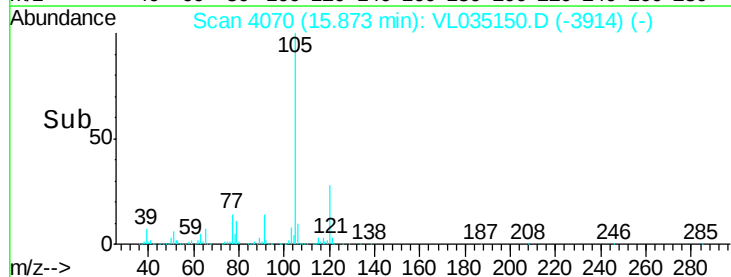
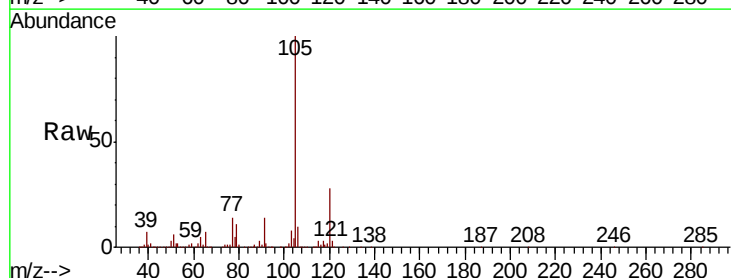
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0706ABS01

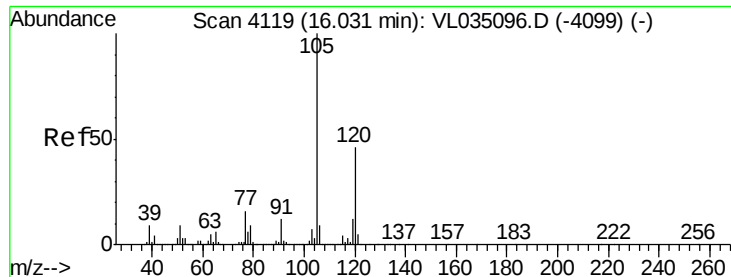
Tot Ion: 91 Resp: 2905301
 Ion Ratio Lower Upper
 91 100
 126 29.4 12.0 48.0



#72
 4-Ethyltoluene
 Concen: 8.592 ppbv
 RT: 15.87 min Scan# 4070
 Delta R.T. 0.00 min
 Lab File: VL035150.D
 Acq: 6 Jul 2020 17:52

Tgt Ion: 105 Resp: 2970944
 Ion Ratio Lower Upper
 105 100
 120 29.3 23.4 35.0
 91 13.8 10.6 16.0
 77 14.3 11.3 16.9





#73

1,3,5-Trimethylbenzene

Concen: 8.506 ppbv

RT: 16.03 min Scan# 4119

Delta R.T. 0.00 min

Lab File: VL035150.D

Acq: 6 Jul 2020 17:52

Instrument :

MSVOA_L

ClientSampleId :

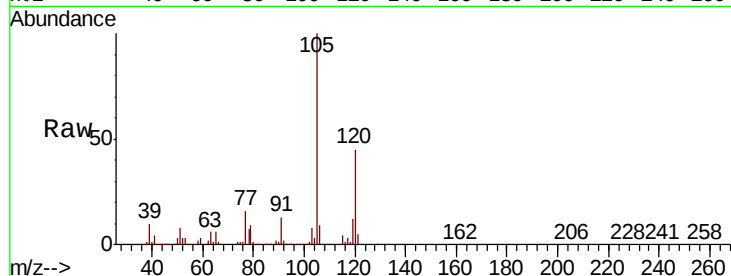
VL0706ABS01

Tot Ion:105 Resp: 2780381

Ion Ratio Lower Upper

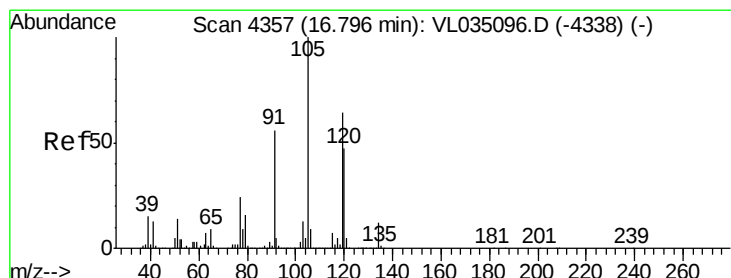
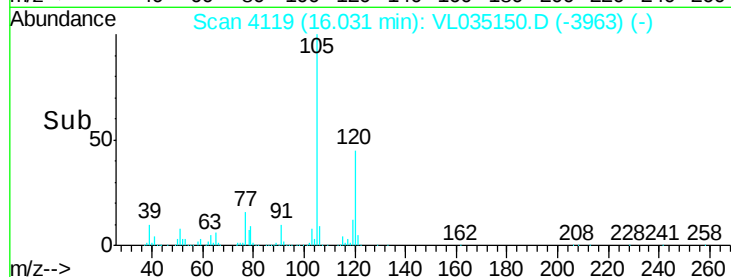
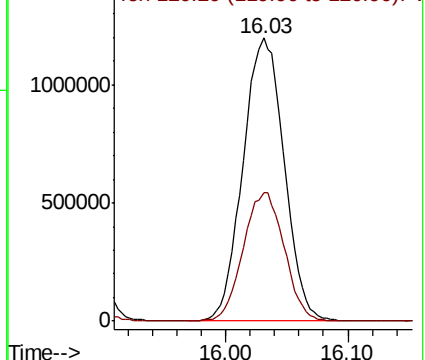
105 100

120 45.5 37.0 55.6



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: 8.038 ppbv

RT: 16.80 min Scan# 4358

Delta R.T. 0.00 min

Lab File: VL035150.D

Acq: 6 Jul 2020 17:52

Tgt Ion:105 Resp: 2932478

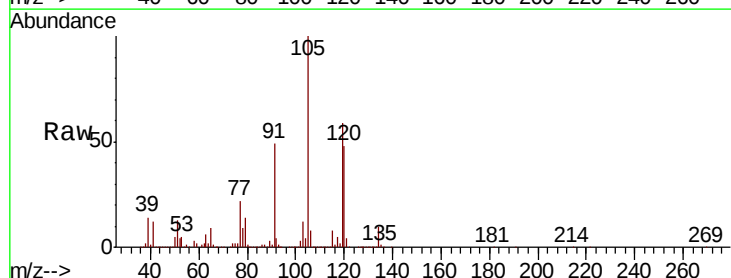
Ion Ratio Lower Upper

105 100

120 47.6 37.9 56.9

91 49.0 46.0 69.0

77 22.2 19.4 29.2

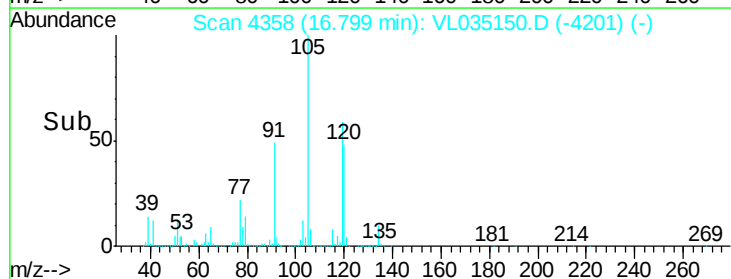
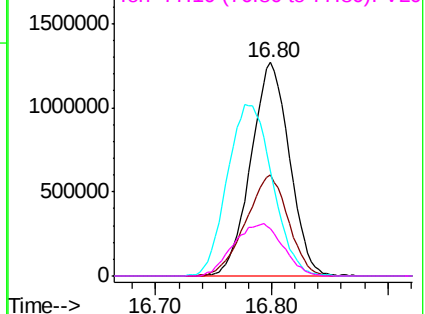


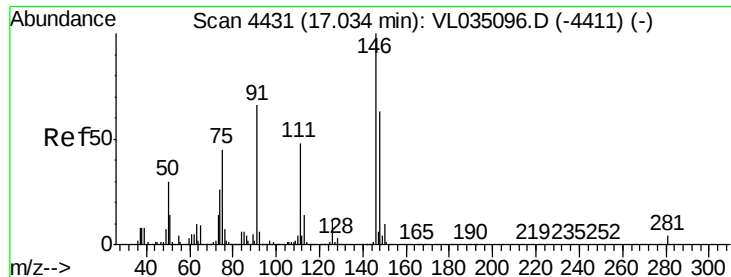
Abundance Ion 105.10 (104.80 to 105.80): V

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





#75

1,3-Dichlorobenzene

Concen: 7.761 ppbv

RT: 17.03 min Scan# 4431

Delta R.T. 0.00 min

Lab File: VL035150.D

Acq: 6 Jul 2020 17:52

Instrument :

MSVOA_L

ClientSampleId :

VL0706ABS01

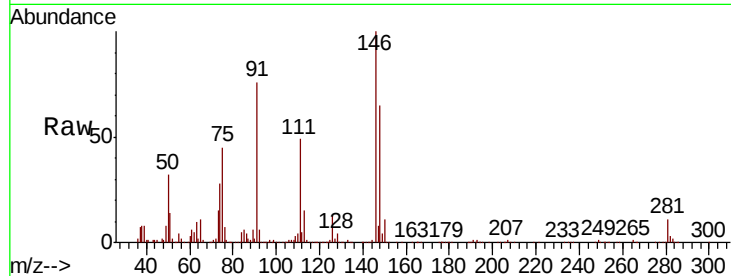
Tot Ion:146 Resp: 1689781

Ion Ratio Lower Upper

146 100

111 48.1 24.1 72.4

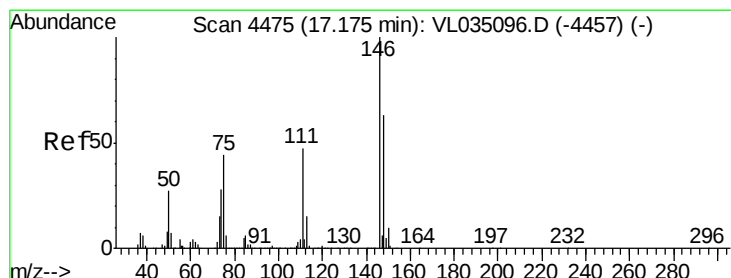
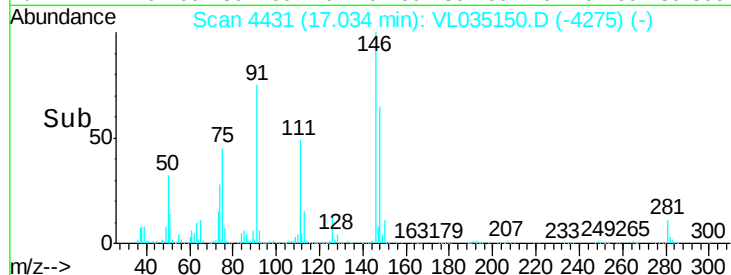
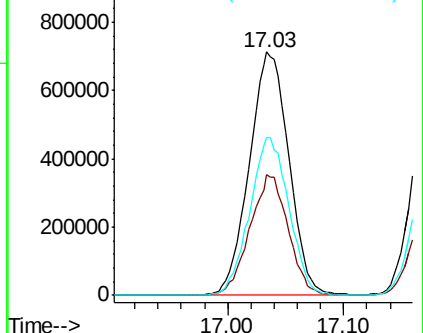
148 64.4 32.3 96.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 8.194 ppbv

RT: 17.18 min Scan# 4476

Delta R.T. 0.00 min

Lab File: VL035150.D

Acq: 6 Jul 2020 17:52

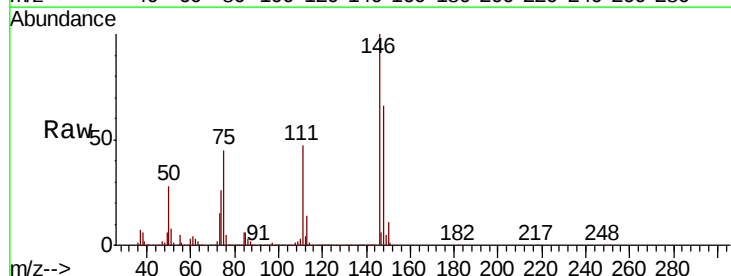
Tgt Ion:146 Resp: 1706570

Ion Ratio Lower Upper

146 100

111 46.3 23.5 70.5

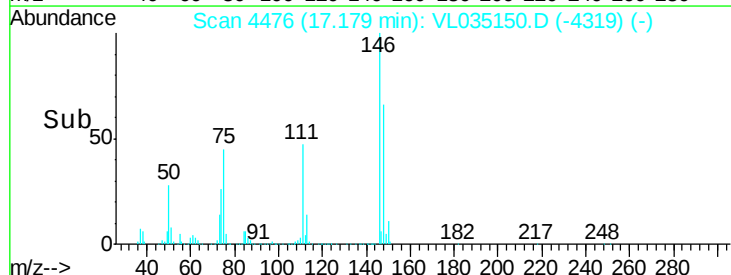
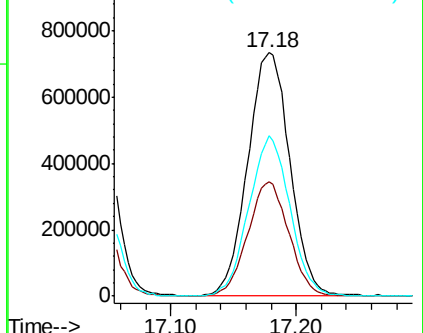
148 64.7 32.0 96.2

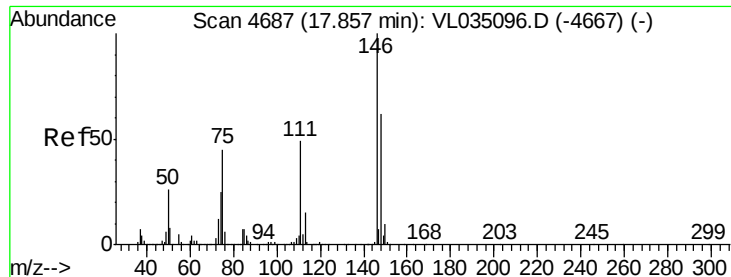


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

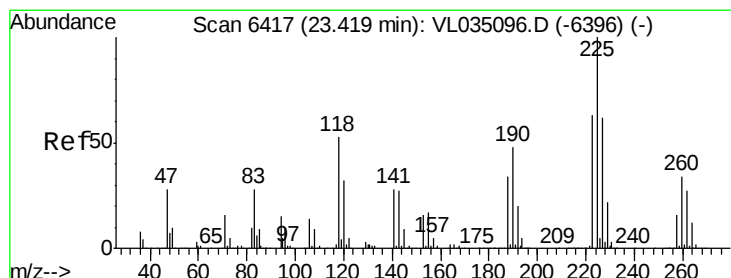
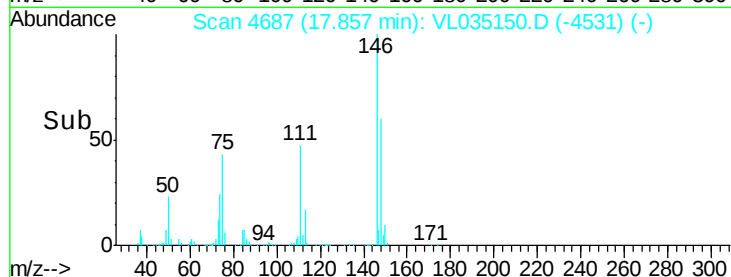
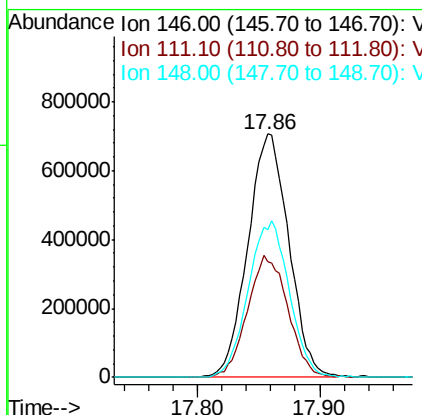
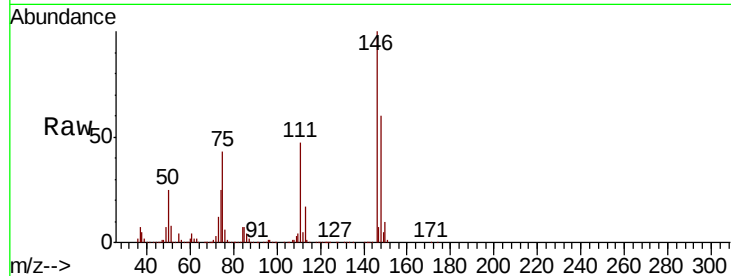




#77
 1,2-Dichlorobenzene
 Concen: 8.247 ppbv
 RT: 17.86 min Scan# 4687
 Delta R.T. 0.00 min
 Lab File: VL035150.D
 Acq: 6 Jul 2020 17:52

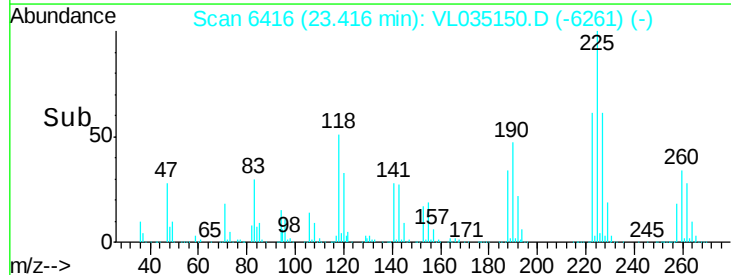
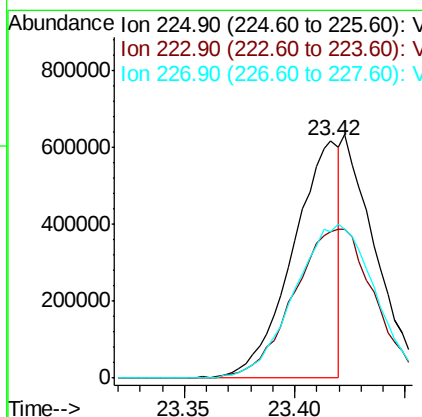
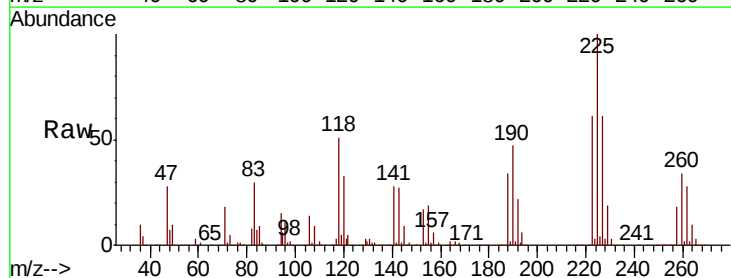
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0706ABS01

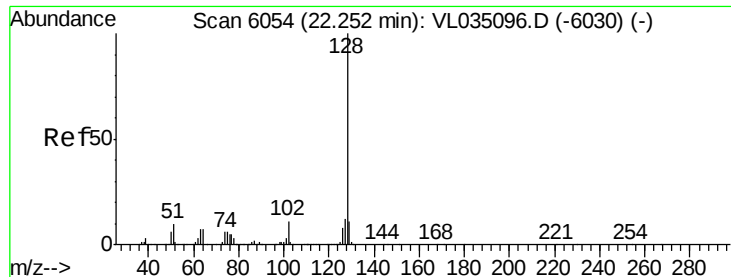
Tot Ion:146 Resp: 1642965
 Ion Ratio Lower Upper
 146 100
 111 49.4 25.0 75.0
 148 64.6 32.3 96.8



#78
 Hexachloro-1,3-Butadiene
 Concen: 5.029 ppbv
 RT: 23.42 min Scan# 6416
 Delta R.T. -0.00 min
 Lab File: VL035150.D
 Acq: 6 Jul 2020 17:52

Tgt Ion:225 Resp: 900505
 Ion Ratio Lower Upper
 225 100
 223 0.0 51.4 77.0#
 227 0.0 51.8 77.8#





#79

Naphthalene

Concen: 11.008 ppbv

RT: 22.25 min Scan# 6054

Delta R.T. 0.00 min

Lab File: VL035150.D

Acq: 6 Jul 2020 17:52

Instrument :

MSVOA_L

ClientSampleId :

VL0706ABS01

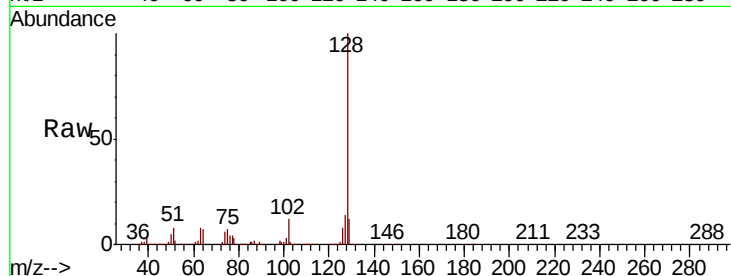
Tot Ion:128 Resp: 3520770

Ion Ratio Lower Upper

128 100

127 13.5 9.9 14.9

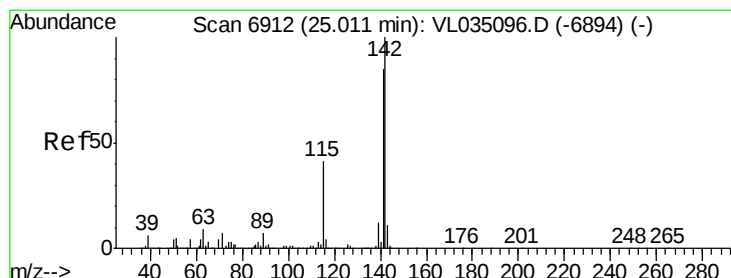
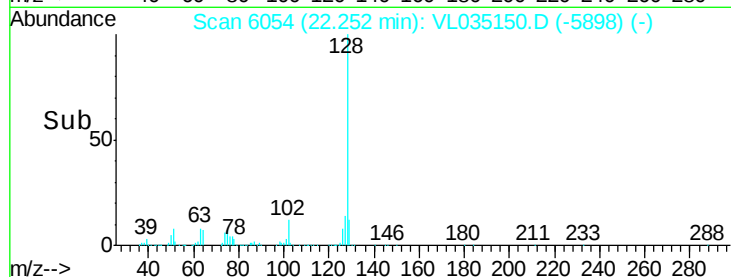
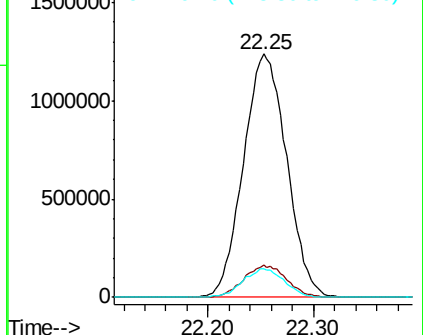
129 11.8 9.0 13.4



Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 10.703 ppbv

RT: 25.01 min Scan# 6912

Delta R.T. 0.00 min

Lab File: VL035150.D

Acq: 6 Jul 2020 17:52

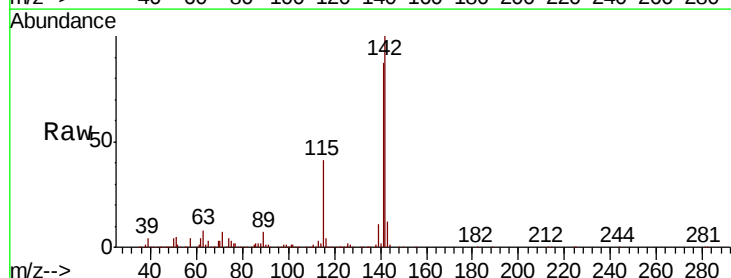
Tgt Ion:142 Resp: 1308985

Ion Ratio Lower Upper

142 100

141 84.5 67.5 101.3

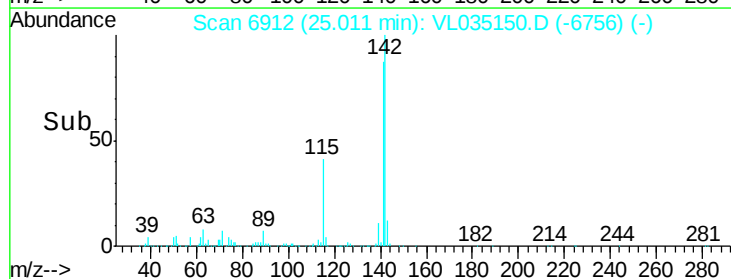
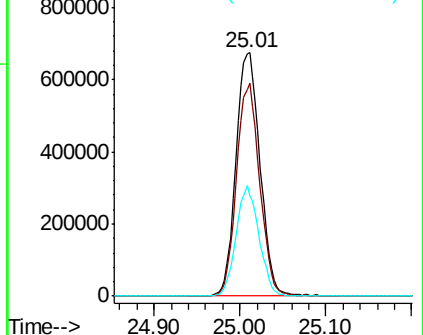
115 43.2 33.8 50.8

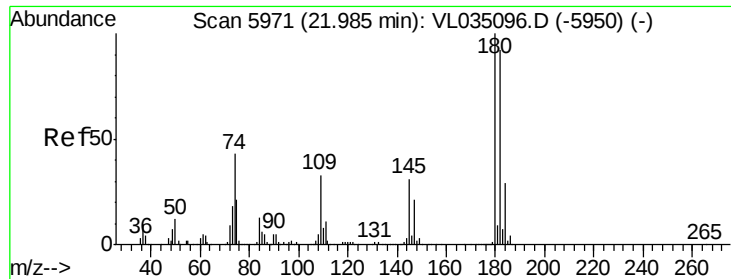


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 10.134 ppbv
 RT: 21.99 min Scan# 5971
 Delta R.T. 0.00 min
 Lab File: VL035150.D
 Acq: 6 Jul 2020 17:52

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0706ABS01

Tot Ion:180 Resp: 1869782
 Ion Ratio Lower Upper
 180 100
 182 95.4 77.9 116.9
 184 30.5 24.6 37.0

