

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080118\
 Data File : VL032330.D
 Acq On : 1 Aug 2018 19:11
 Operator : SY/AP
 Sample : VL0801ABS01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 02 00:47:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 27 07:05:37 2018
 QLast Update : Fri Jul 27 07:05:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.83	49	1875036	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.37	114	4805960	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.32	117	5917903	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.66	95	3796756	8.27	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	82.70%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.12	85	1792642	7.927	ppbv 98
3) Chlorodifluoromethane	3.06	51	1818876	9.702	ppbv 100
4) Chloromethane	3.22	50	1121926	9.884	ppbv 99
5) Vinyl Chloride	3.34	62	1020353	9.888	ppbv 97
6) Bromomethane	3.56	94	557416	9.838	ppbv 93
7) Chloroethane	3.65	64	373786	10.186	ppbv 97
8) Dichlorotetrafluoroethane	3.27	85	2092264	9.160	ppbv 99
9) Propene	3.08	41	871419	10.338	ppbv 99
10) Heptane	8.32	43	3062684	10.350	ppbv 99
11) Trichlorofluoromethane	4.06	101	2074034	9.601	ppbv 99
12) 1,1,2-Trichlorotrifluoroet	4.61	101	1420609	9.632	ppbv 98
13) Ethanol	3.70	45	222189	9.172	ppbv 99
14) Bromoethene	3.84	108	656954	10.147	ppbv 99
15) Acetone	3.95	43	1856915	10.508	ppbv 99
16) 1,3-Butadiene	3.41	39	905149	9.879	ppbv 96
17) tert-Butyl alcohol	4.42	59	540284	9.619	ppbv 100
18) 1,1-Dichloroethene	4.41	96	690103	10.085	ppbv 95
19) Isopropyl Alcohol	4.08	45	1290749	10.946	ppbv 99
20) Methylene Chloride	4.47	84	634185	8.928	ppbv 98
21) Allyl Chloride	4.54	41	1245621	10.332	ppbv 100
22) trans-1,2-Dichloroethene	5.03	96	708232	10.734	ppbv 99
23) Vinyl Acetate	5.22	43	3342744	10.544	ppbv 98
24) 1,1-Dichloroethane	5.15	63	2215265	9.741	ppbv 99
25) Ethyl Acetate	5.84	43	3802678	9.589	ppbv 100
26) Hexane	5.85	57	1735012	9.669	ppbv 99
27) Carbon Disulfide	4.68	76	1758125	10.776	ppbv 99
28) Methyl tert-Butyl Ether	5.18	73	2587210	10.660	ppbv 100
29) Chloroform	5.92	83	2484929	9.520	ppbv 98
30) Cyclohexane	7.32	84	1535749	10.969	ppbv 100
31) cis-1,2-Dichloroethene	5.71	61	1726534	10.378	ppbv 97
32) 1,1,1-Trichloroethane	6.69	97	2428872	10.514	ppbv 99
34) 2-Butanone	5.39	43	2607927	8.384	ppbv 100
35) Carbon Tetrachloride	7.21	117	2410239	8.829	ppbv 100
36) Benzene	7.08	78	3589359	8.473	ppbv 99
37) 1,2-Dichloroethane	6.49	62	2028592	8.287	ppbv 99
38) Trichloroethene	8.04	130	1400154	8.552	ppbv 97
39) 1,2-Dichloropropane	7.81	63	1778402	8.344	ppbv 98
40) 1,4-Dioxane	8.04	88	522205	8.343	ppbv 88
41) Tetrahydrofuran	6.22	42	1568553	8.914	ppbv 99
42) Bromodichloromethane	8.00	83	3302212	8.333	ppbv 98
43) Methyl Methacrylate	8.22	69	1836704	9.032	ppbv 99

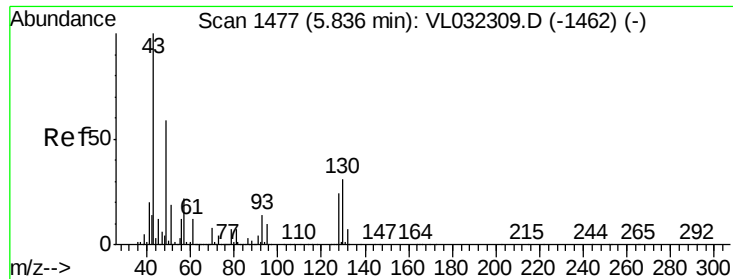
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080118\
 Data File : VL032330.D
 Acq On : 1 Aug 2018 19:11
 Operator : SY/AP
 Sample : VL0801ABS01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 02 00:47:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 27 07:05:37 2018
 QLast Update : Fri Jul 27 07:05:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	8.07	57	7570807	8.241	ppbv	100
45) t-1,3-Dichloropropene	9.49	75	2208895	9.374	ppbv	99
46) cis-1,3-Dichloropropene	8.91	75	2648309	9.173	ppbv	99
47) 1,1,2-Trichloroethane	9.70	97	1658814	8.007	ppbv	99
48) Dibromochloromethane	10.54	129	2590178	8.482	ppbv	99
49) Bromoform	13.29	173	2130062	8.471	ppbv	99
50) 4-Methyl-2-Pentanone	8.95	43	4681810	8.530	ppbv	100
51) 2-Hexanone	10.35	43	3793138	9.069	ppbv #	100
52) Tetrachloroethene	11.46	164	1247376	8.738	ppbv	98
53) Toluene	10.03	91	4701289	9.283	ppbv	99
54) 1,2-Dibromoethane	10.85	107	2495713	8.477	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.37	131	1846937	7.569	ppbv #	55
57) Chlorobenzene	12.39	112	3381921	7.349	ppbv	99
58) Ethyl Benzene	12.95	91	6300836	8.493	ppbv	100
59) m/p-Xylene	13.24	91	2963125	4.691	ppbv #	1
60) o-Xylene	13.94	91	4903736	7.918	ppbv	98
61) Styrene	13.77	104	3867422	8.485	ppbv	99
62) Isopropylbenzene	14.91	105	6927766	7.874	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.92	83	3694217	7.330	ppbv	99
64) n-propylbenzene	15.81	120	1815382	7.925	ppbv	98
65) tert-Butylbenzene	16.99	119	5699889	7.668	ppbv	100
66) Benzyl Chloride	17.24	91	3634487	8.203	ppbv	100
67) sec-Butylbenzene	17.54	105	8564678	7.694	ppbv	100
69) p-Isopropyltoluene	17.90	119	6800963	7.886	ppbv	100
70) n-Butylbenzene	18.80	91	7532691	7.565	ppbv	99
71) 2-Chlorotoluene	15.70	91	5562799	8.056	ppbv	100
72) 4-Ethyltoluene	16.08	105	5763634	8.304	ppbv	100
73) 1,3,5-Trimethylbenzene	16.24	105	5401183	7.906	ppbv	100
74) 1,2,4-Trimethylbenzene	17.01	105	5346973	7.424	ppbv	98
75) 1,3-Dichlorobenzene	17.25	146	2972638	7.127	ppbv	99
76) 1,4-Dichlorobenzene	17.39	146	3051500	7.625	ppbv	100
77) 1,2-Dichlorobenzene	18.07	146	2956970	7.215	ppbv	99
78) Hexachloro-1,3-Butadiene	23.62	225	867701	6.021	ppbv	99
79) Naphthalene	22.51	128	5081984	8.131	ppbv	99
80) Naphthalene, 2-methyl-	25.18	142	2180284	8.815	ppbv	99
81) 1,2,4-Trichlorobenzene	22.23	180	2396853	7.674	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.83 min Scan# 1475

Delta R.T. -0.01 min

Lab File: VL032330.D

Acq: 1 Aug 2018 19:11

Instrument :

MSVOA_L

ClientSampleId :

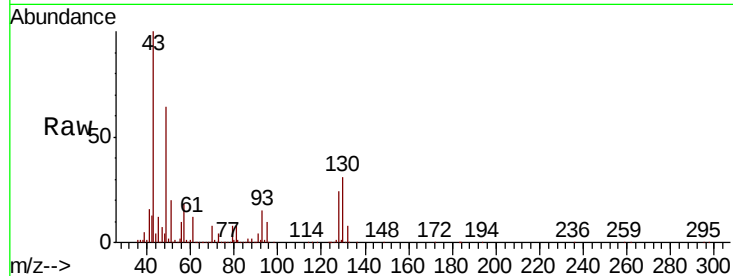
Tot Ion: 49 Resp: 1875036

Ion Ratio Lower Upper

49 100

128 39.9 20.2 60.6

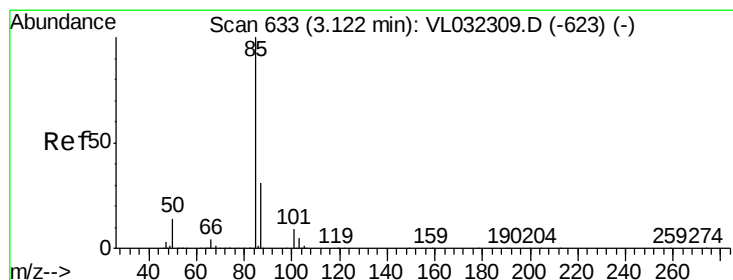
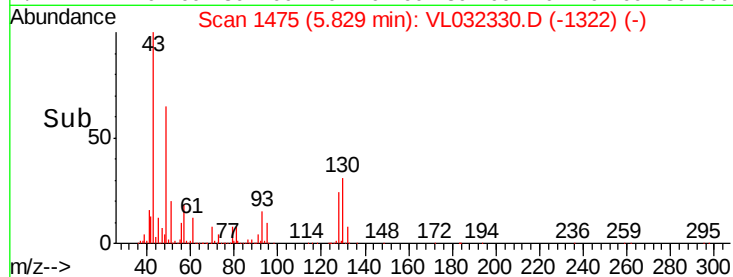
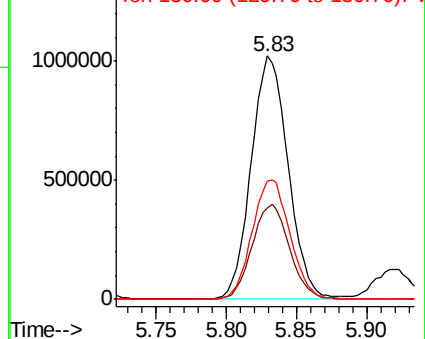
130 50.7 25.8 77.3



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: 7.927 ppbv

RT: 3.12 min Scan# 632

Delta R.T. -0.00 min

Lab File: VL032330.D

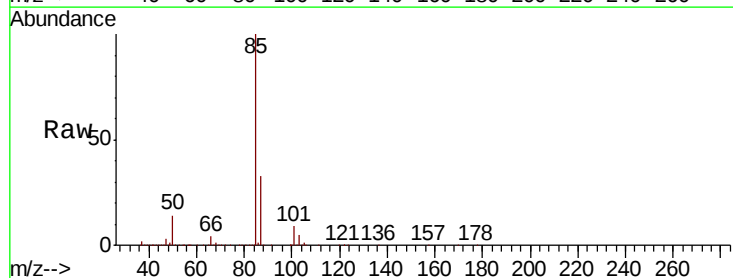
Acq: 1 Aug 2018 19:11

Tgt Ion: 85 Resp: 1792642

Ion Ratio Lower Upper

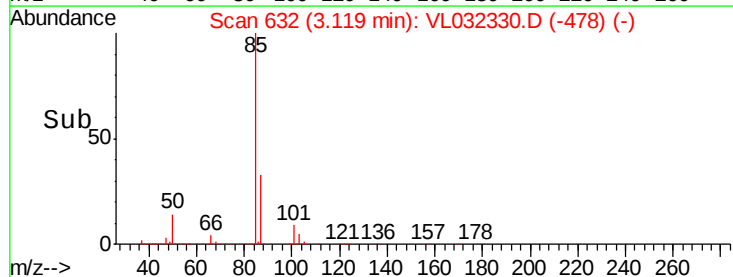
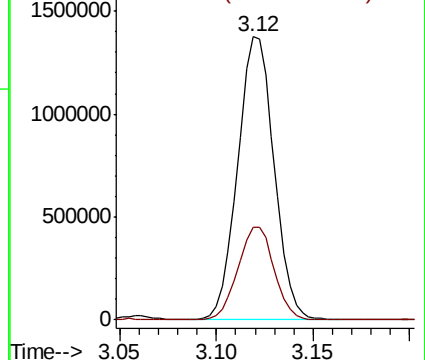
85 100

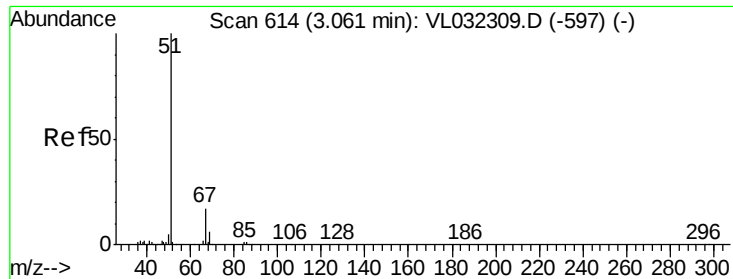
87 32.8 25.2 37.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

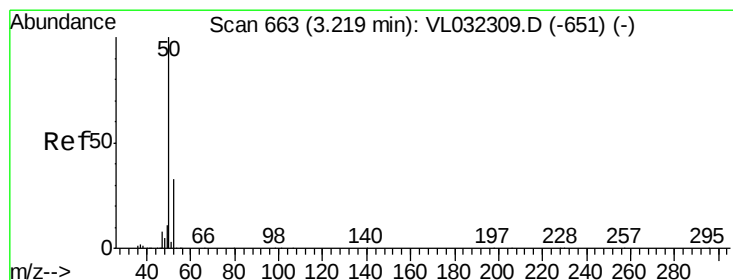
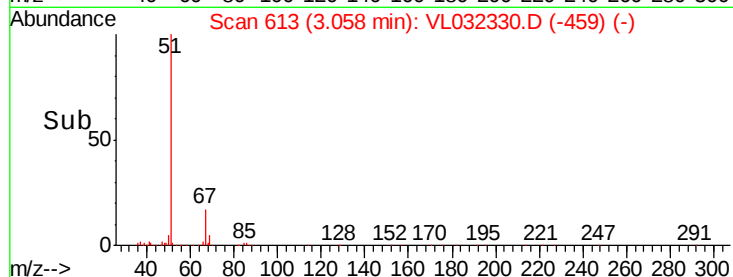
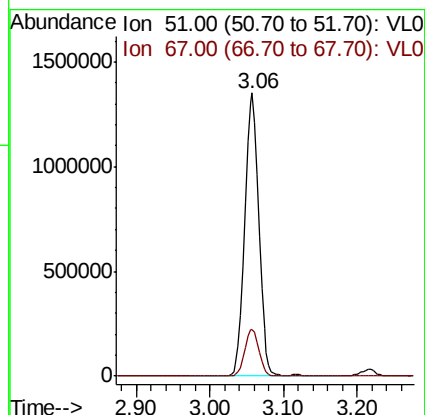
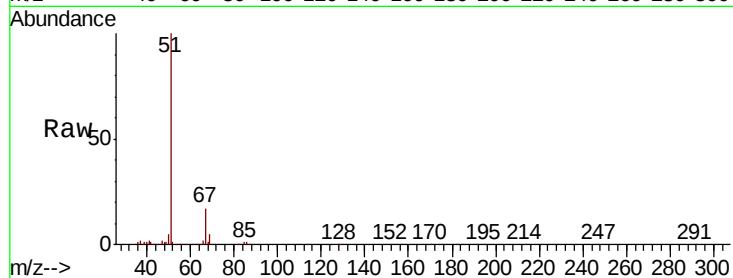




#3
Chlorodifluoromethane
Concen: 9.702 ppbv
RT: 3.06 min Scan# 613
Delta R.T. -0.00 min
Lab File: VL032330.D
Acq: 1 Aug 2018 19:11

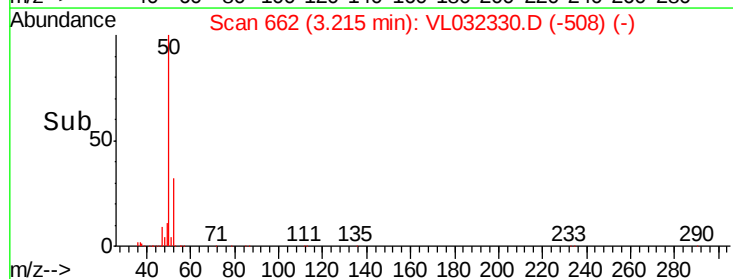
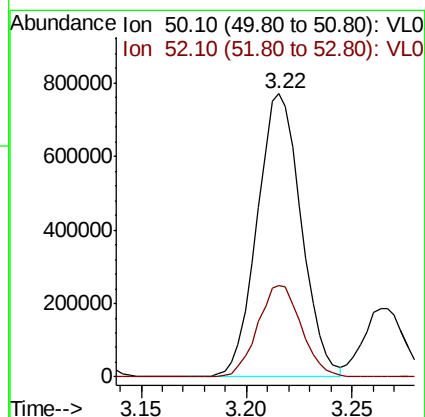
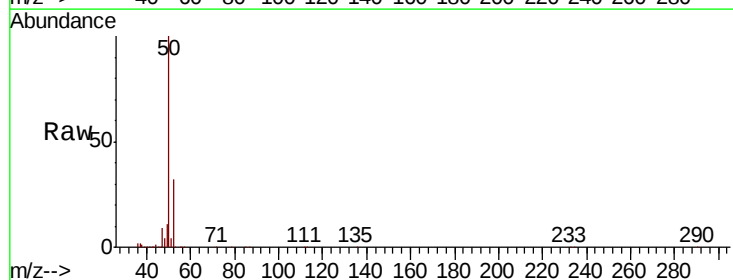
Instrument :
MSVOA_L
ClientSampleId :

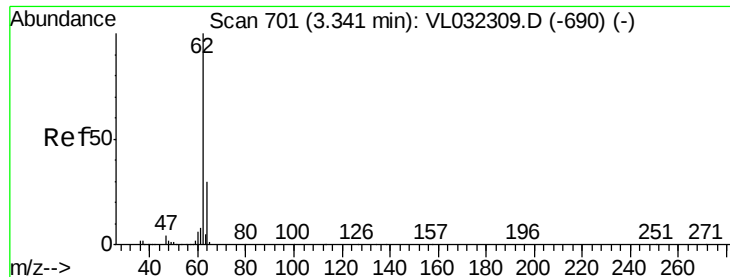
Tot Ion: 51 Resp: 1818876
Ion Ratio Lower Upper
51 100
67 16.8 13.5 20.3



#4
Chloromethane
Concen: 9.884 ppbv
RT: 3.22 min Scan# 662
Delta R.T. -0.00 min
Lab File: VL032330.D
Acq: 1 Aug 2018 19:11

Tgt Ion: 50 Resp: 1121926
Ion Ratio Lower Upper
50 100
52 32.4 26.2 39.4





#5

Vinyl Chloride

Concen: 9.888 ppbv

RT: 3.34 min Scan# 700

Delta R.T. -0.00 min

Lab File: VL032330.D

Acq: 1 Aug 2018 19:11

Instrument :

MSVOA_L

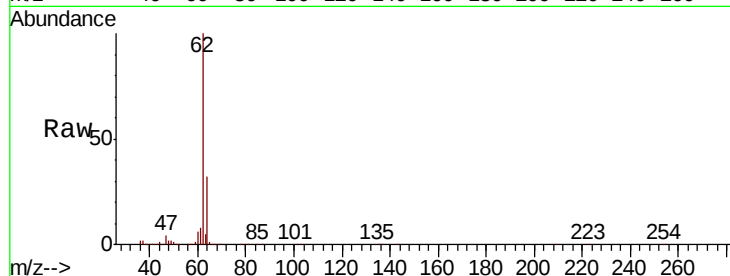
ClientSampled :

Tot Ion: 62 Resp: 1020353

Ion Ratio Lower Upper

62 100

64 31.7 24.1 36.1



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0

3.34

800000

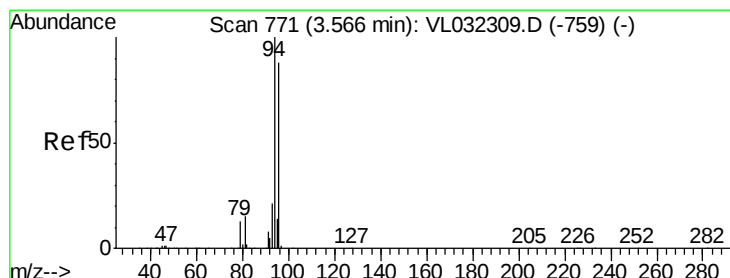
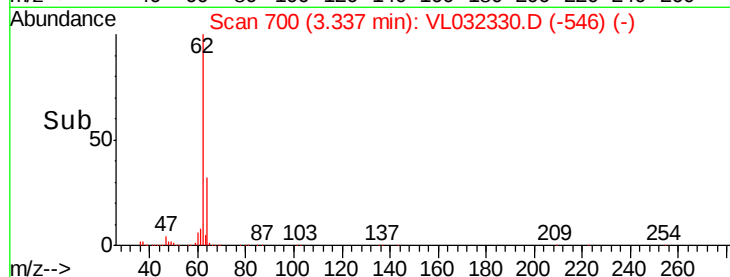
600000

400000

200000

0

Time-->



#6

Bromomethane

Concen: 9.838 ppbv

RT: 3.56 min Scan# 770

Delta R.T. -0.00 min

Lab File: VL032330.D

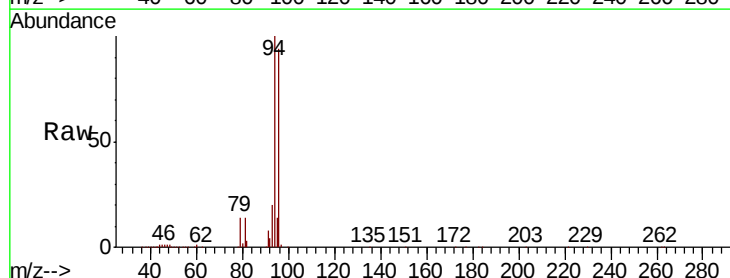
Acq: 1 Aug 2018 19:11

Tgt Ion: 94 Resp: 557416

Ion Ratio Lower Upper

94 100

96 93.9 70.2 105.4



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

3.56

400000

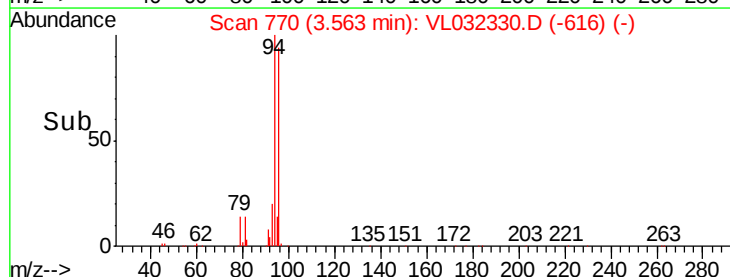
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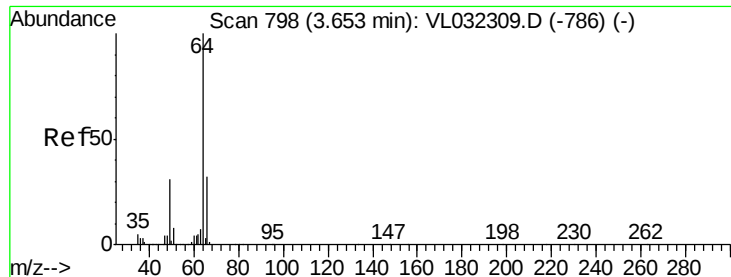
200000

100000

0

Time-->





#7

Chloroethane

Concen: 10.186 ppbv

RT: 3.65 min Scan# 797

Delta R.T. -0.00 min

Lab File: VL032330.D

Acq: 1 Aug 2018 19:11

Instrument :

MSVOA_L

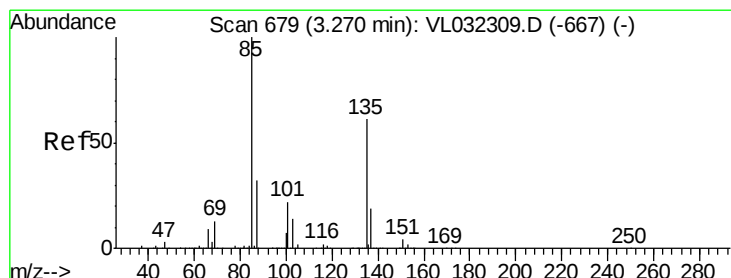
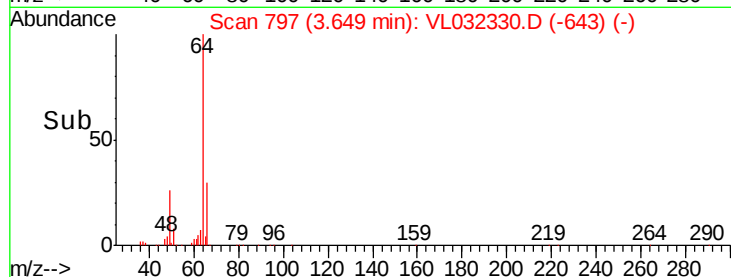
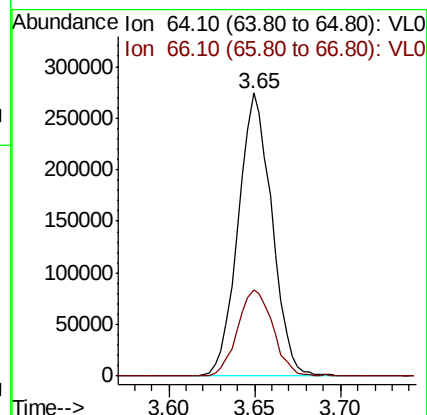
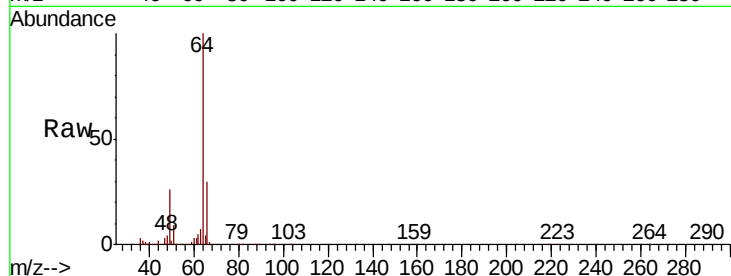
ClientSampleId :

Tot Ion: 64 Resp: 373786

Ion Ratio Lower Upper

64 100

66 30.4 25.7 38.5



#8

Dichlorotetrafluoroethane

Concen: 9.160 ppbv

RT: 3.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: VL032330.D

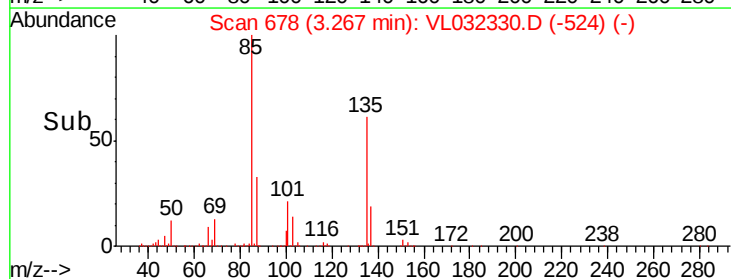
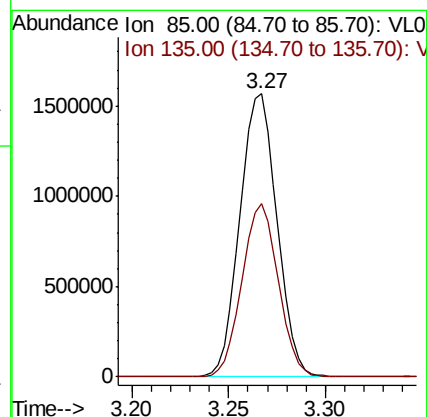
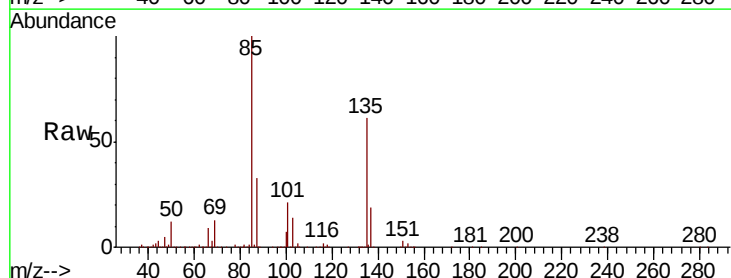
Acq: 1 Aug 2018 19:11

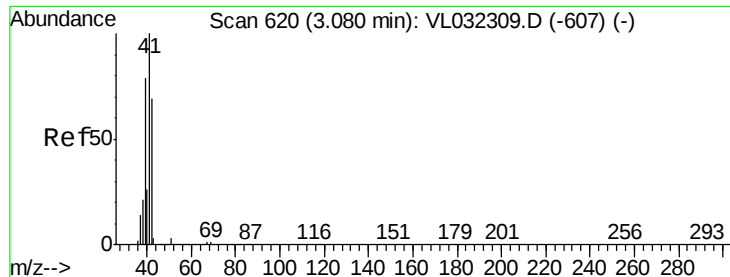
Tgt Ion: 85 Resp: 2092264

Ion Ratio Lower Upper

85 100

135 60.1 48.7 73.1





#9

Propene

Concen: 10.338 ppbv

RT: 3.08 min Scan# 620

Delta R.T. -0.00 min

Lab File: VL032330.D

Acq: 1 Aug 2018 19:11

Instrument :

MSVOA_L

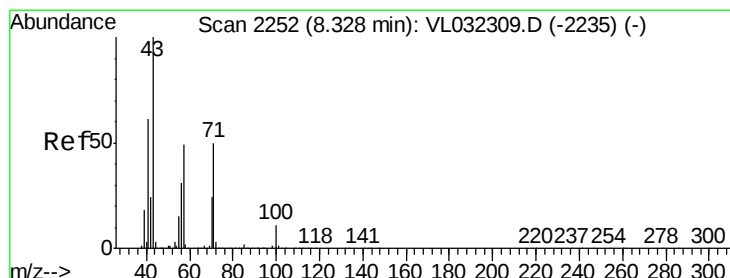
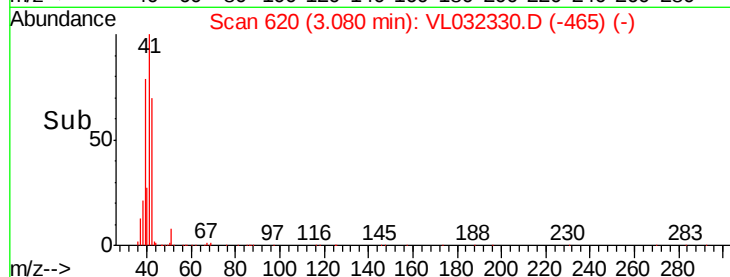
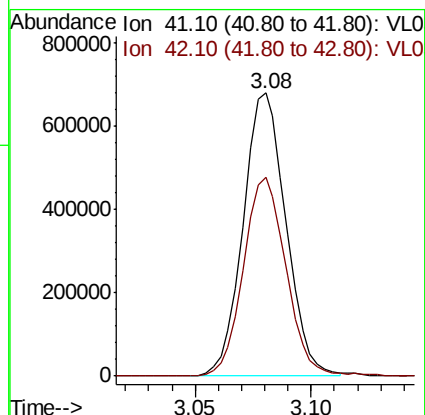
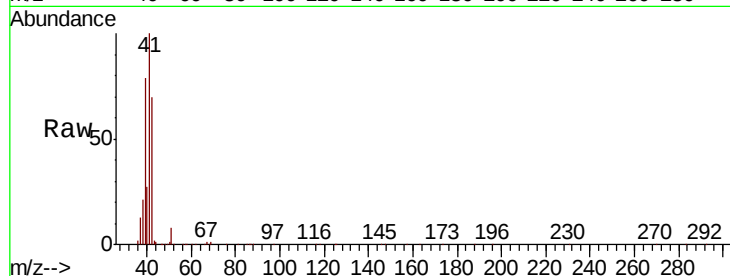
ClientSampleId :

Tot Ion: 41 Resp: 871419

Ion Ratio Lower Upper

41 100

42 70.5 56.8 85.2



#10

Heptane

Concen: 10.350 ppbv

RT: 8.32 min Scan# 2251

Delta R.T. -0.00 min

Lab File: VL032330.D

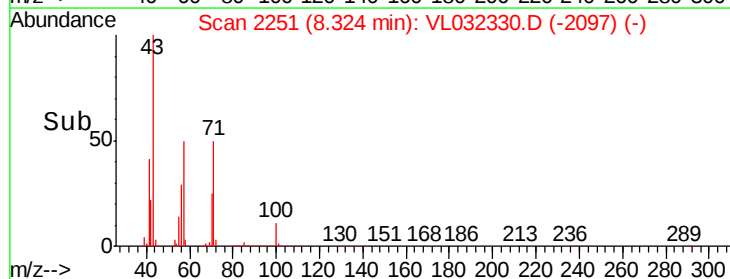
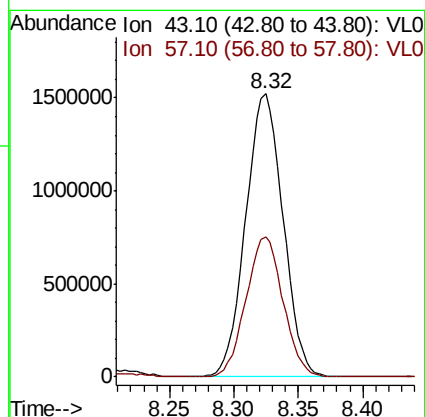
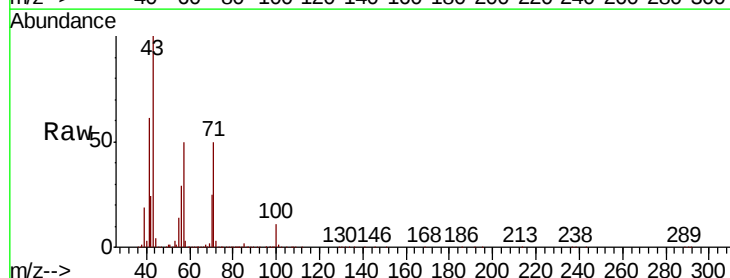
Acq: 1 Aug 2018 19:11

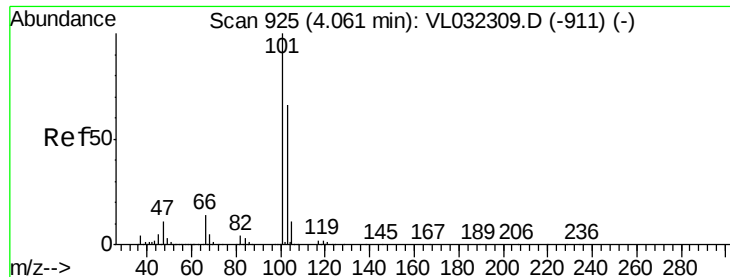
Tgt Ion: 43 Resp: 3062684

Ion Ratio Lower Upper

43 100

57 49.2 39.0 58.4

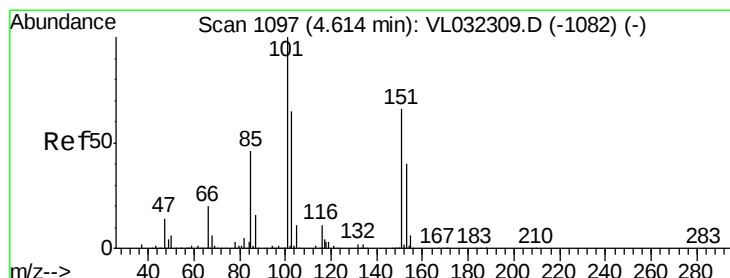
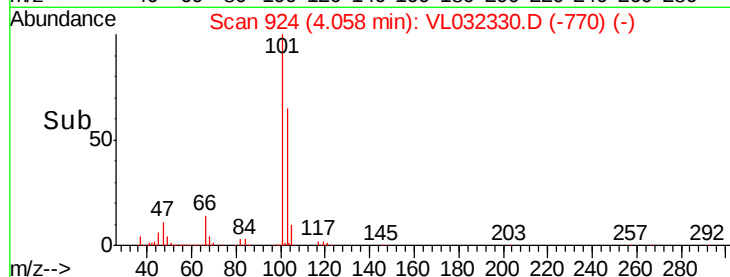
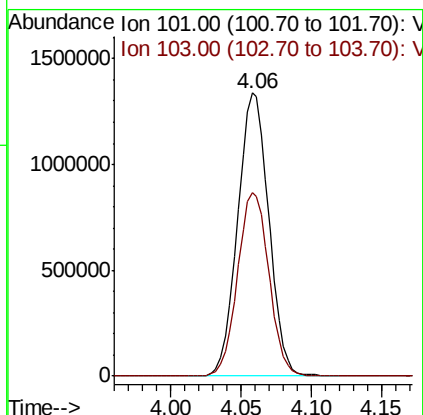
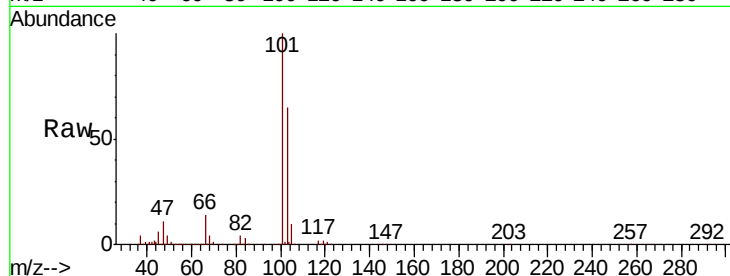




#11
 Trichlorofluoromethane
 Concen: 9.601 ppbv
 RT: 4.06 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: VL032330.D
 Acq: 1 Aug 2018 19:11

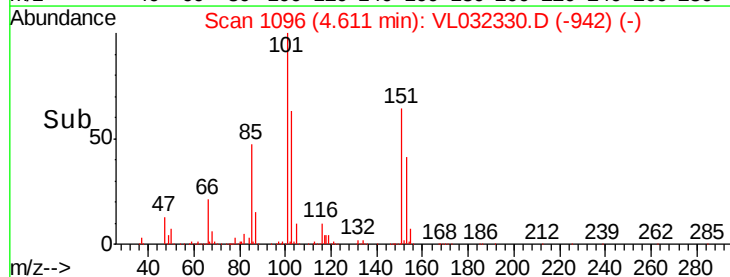
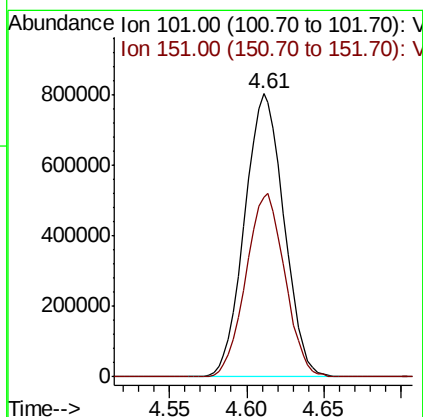
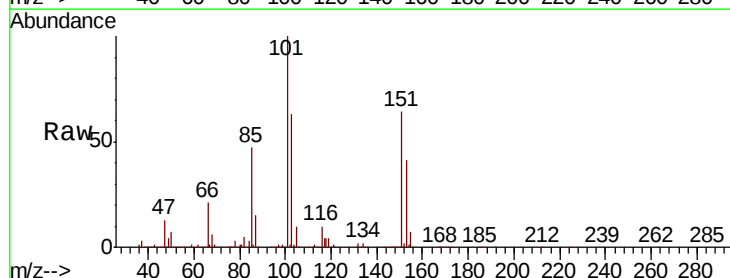
Instrument :
 MSVOA_L
 ClientSampleId :

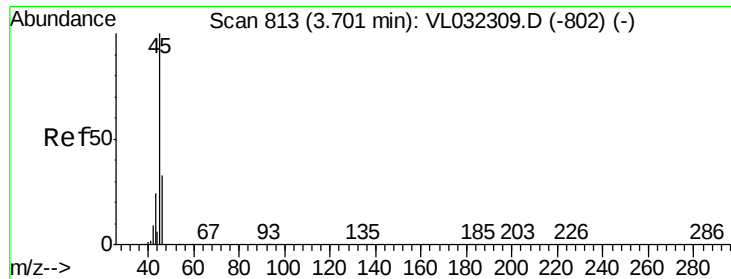
Tot Ion:101 Resp: 2074034
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.632 ppbv
 RT: 4.61 min Scan# 1096
 Delta R.T. -0.00 min
 Lab File: VL032330.D
 Acq: 1 Aug 2018 19:11

Tgt Ion:101 Resp: 1420609
 Ion Ratio Lower Upper
 101 100
 151 64.3 52.4 78.6

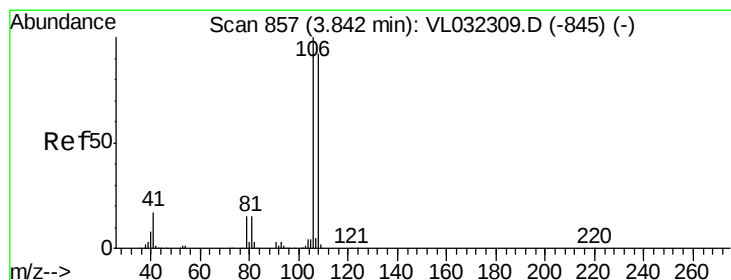
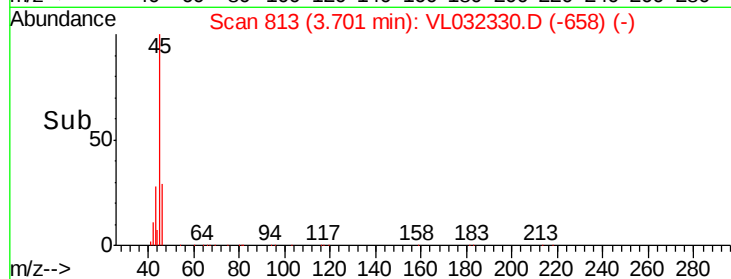
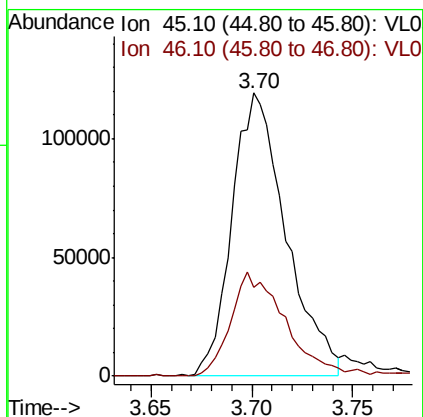
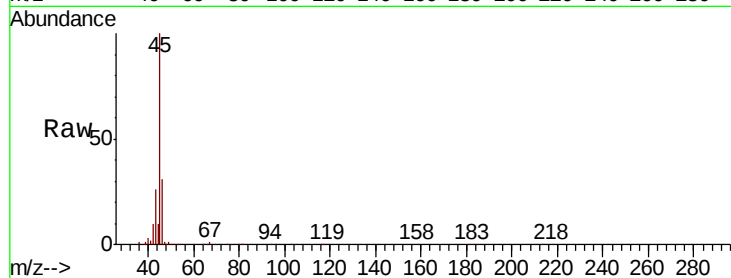




#13
Ethanol
Concen: 9.172 ppbv
RT: 3.70 min Scan# 813
Delta R.T. -0.00 min
Lab File: VL032330.D
Acq: 1 Aug 2018 19:11

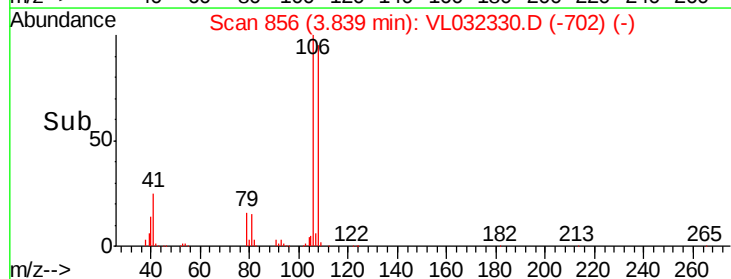
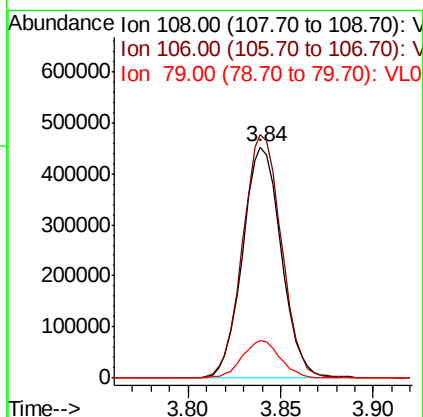
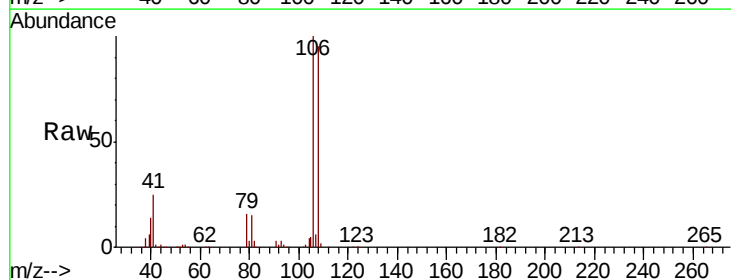
Instrument :
MSVOA_L
ClientSampleId :

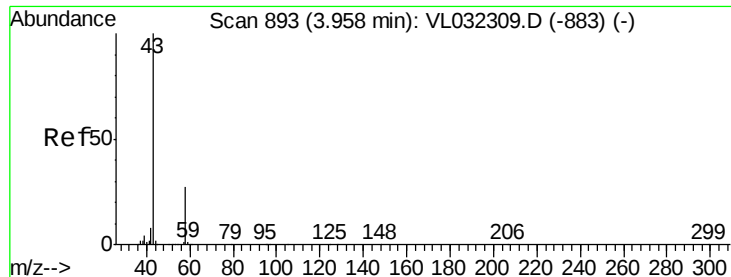
Tot Ion: 45 Resp: 222189
Ion Ratio Lower Upper
45 100
46 38.5 15.2 60.6



#14
Bromoethene
Concen: 10.147 ppbv
RT: 3.84 min Scan# 856
Delta R.T. -0.00 min
Lab File: VL032330.D
Acq: 1 Aug 2018 19:11

Tgt Ion: 108 Resp: 656954
Ion Ratio Lower Upper
108 100
106 106.6 86.0 129.0
79 16.2 12.8 19.2





#15

Acetone

Concen: 10.508 ppbv

RT: 3.95 min Scan# 892

Delta R.T. -0.00 min

Lab File: VL032330.D

Acq: 1 Aug 2018 19:11

Instrument :

MSVOA_L

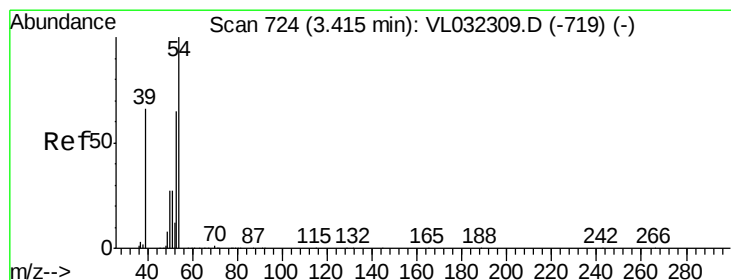
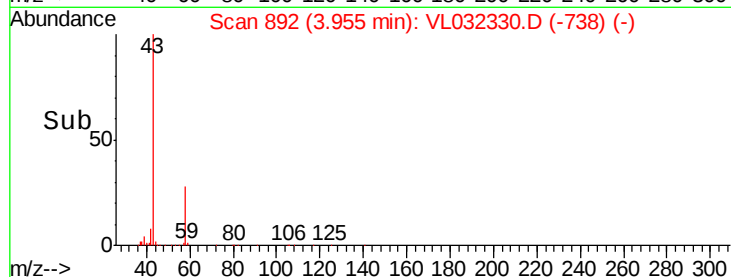
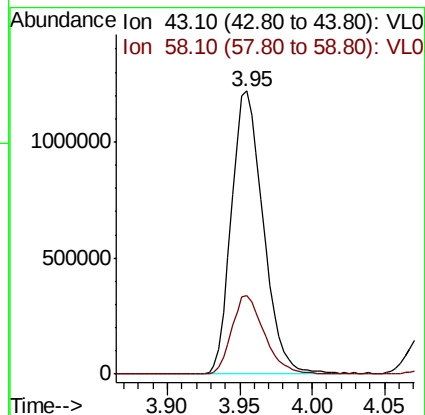
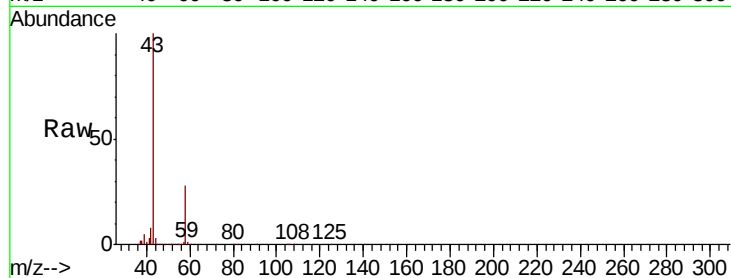
ClientSampleId :

Tot Ion: 43 Resp: 1856915

Ion Ratio Lower Upper

43 100

58 28.6 22.5 33.7



#16

1,3-Butadiene

Concen: 9.879 ppbv

RT: 3.41 min Scan# 723

Delta R.T. -0.00 min

Lab File: VL032330.D

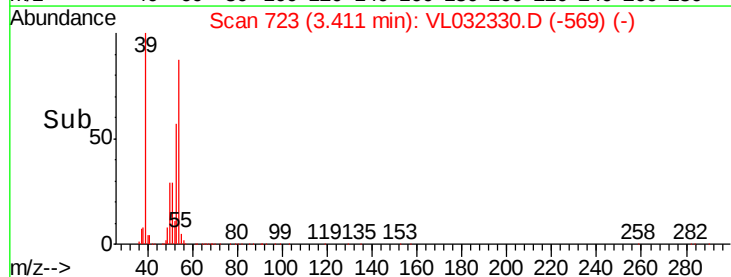
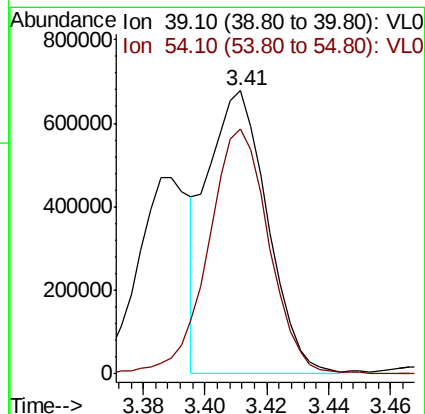
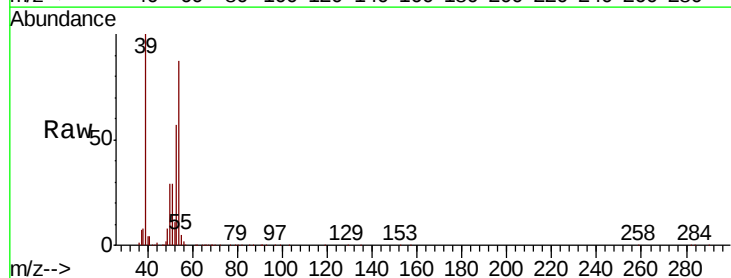
Acq: 1 Aug 2018 19:11

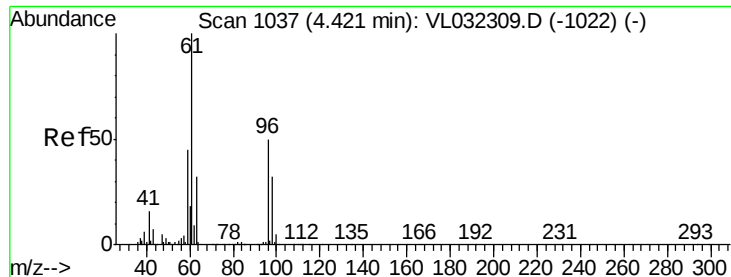
Tgt Ion: 39 Resp: 905149

Ion Ratio Lower Upper

39 100

54 89.0 74.3 111.5

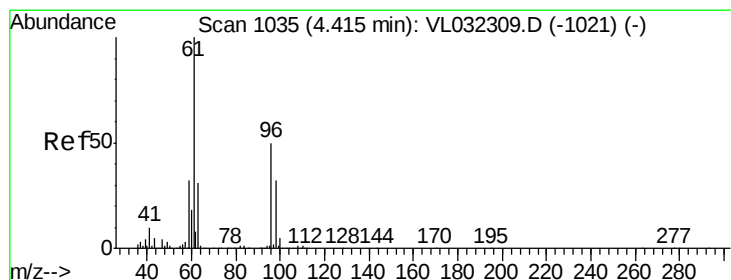
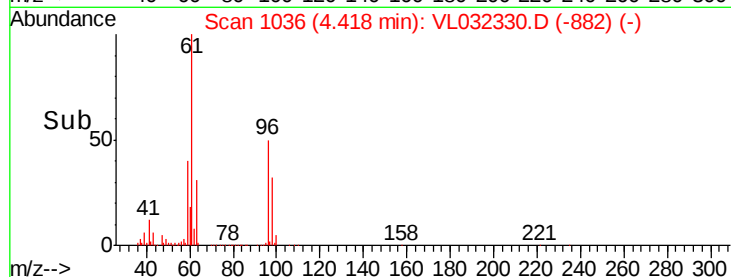
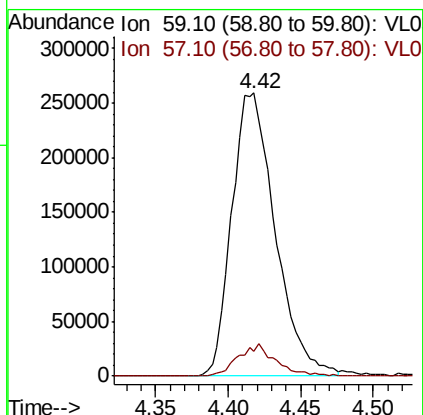
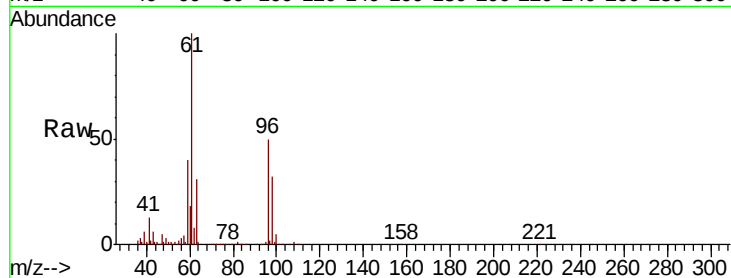




#17
tert-Butyl alcohol
Concen: 9.619 ppbv
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VL032330.D
Acq: 1 Aug 2018 19:11

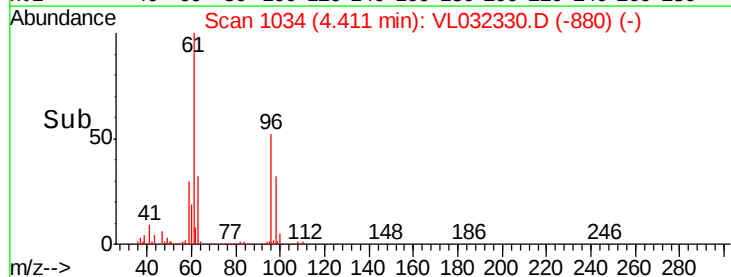
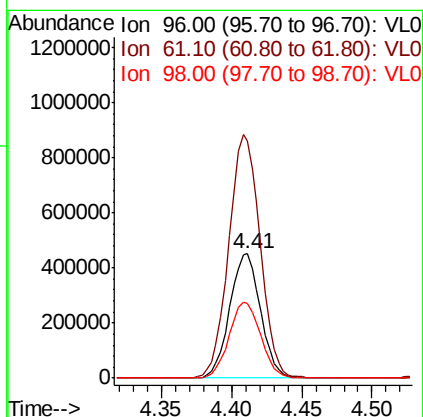
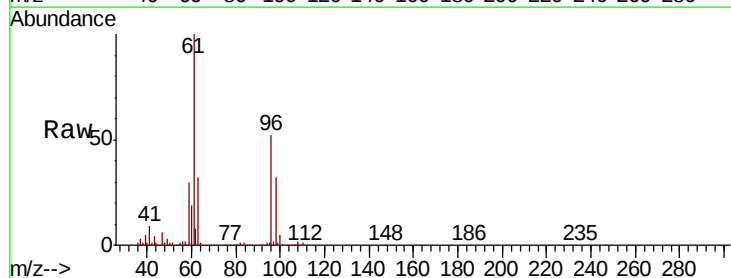
Instrument :
MSVOA_L
ClientSampleId :

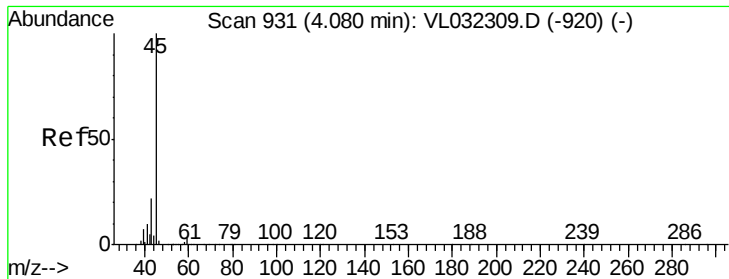
Tot Ion: 59 Resp: 540284
Ion Ratio Lower Upper
59 100
57 10.1 8.0 12.0



#18
1,1-Dichloroethene
Concen: 10.085 ppbv
RT: 4.41 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VL032330.D
Acq: 1 Aug 2018 19:11

Tgt Ion: 96 Resp: 690103
Ion Ratio Lower Upper
96 100
61 191.5 159.0 238.4
98 60.7 51.1 76.7



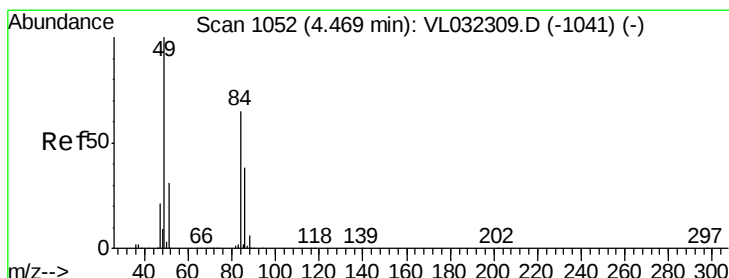
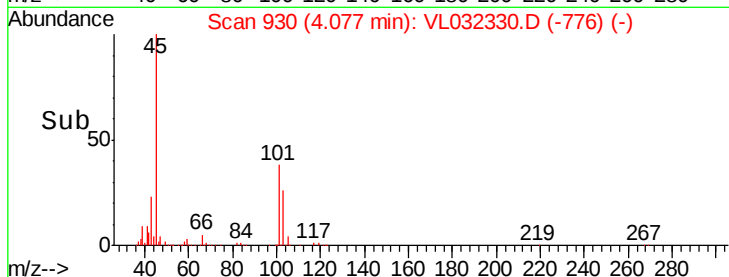
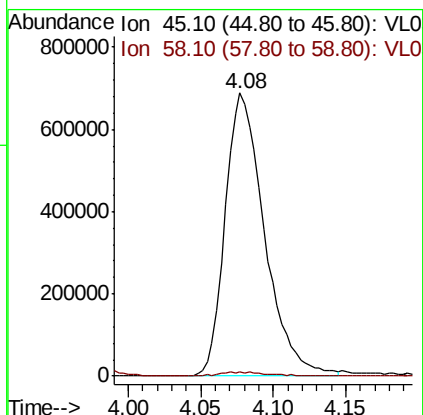
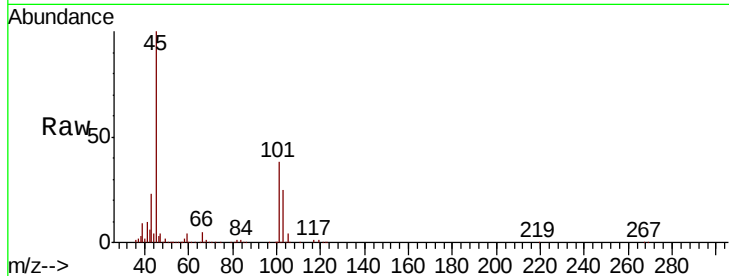


#19

Isopropyl Alcohol
 Concen: 10.946 ppbv
 RT: 4.08 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: VL032330.D
 Acq: 1 Aug 2018 19:11

Instrument :
 MSVOA_L
 ClientSampleId :

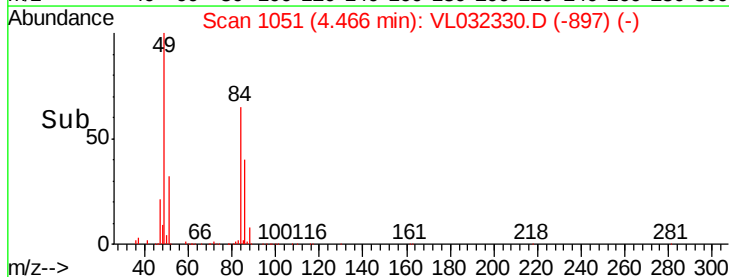
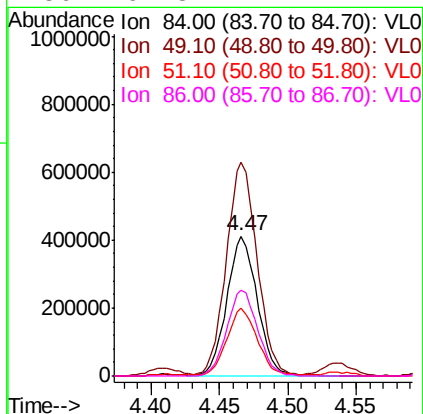
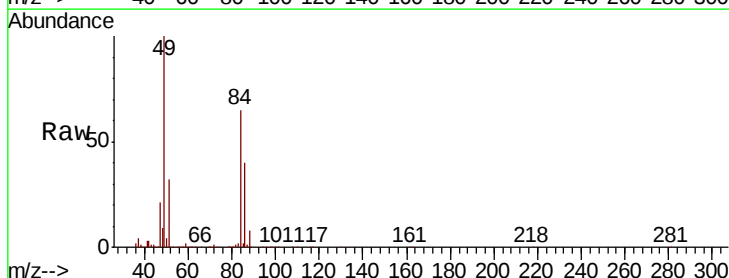
Tot Ion: 45 Resp: 1290749
 Ion Ratio Lower Upper
 45 100
 58 2.1 1.5 2.3

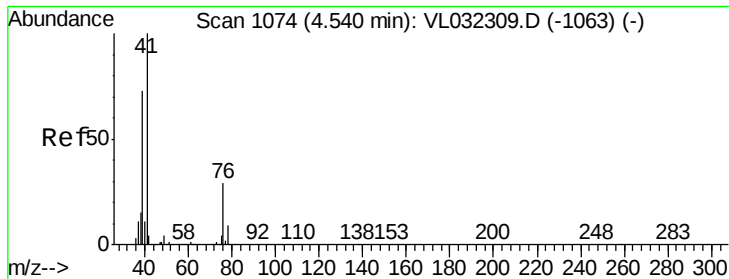


#20

Methylene Chloride
 Concen: 8.928 ppbv
 RT: 4.47 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VL032330.D
 Acq: 1 Aug 2018 19:11

Tgt Ion: 84 Resp: 634185
 Ion Ratio Lower Upper
 84 100
 49 151.5 123.4 185.0
 51 47.6 38.2 57.2
 86 61.8 47.4 71.2

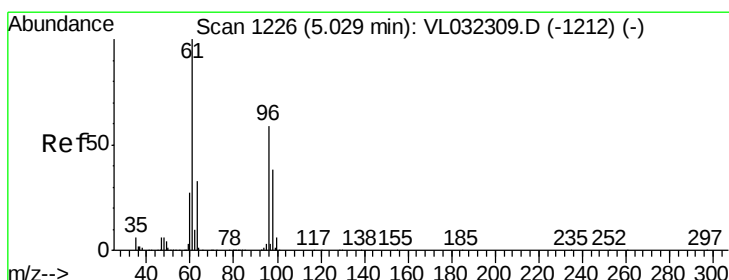
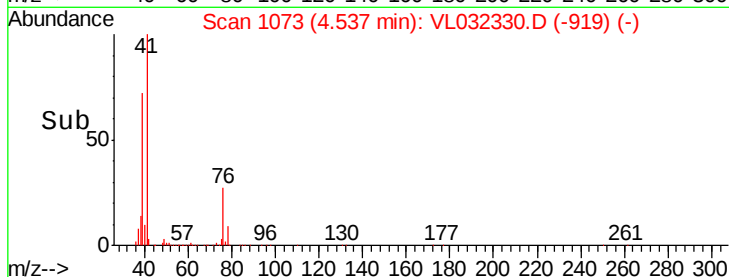
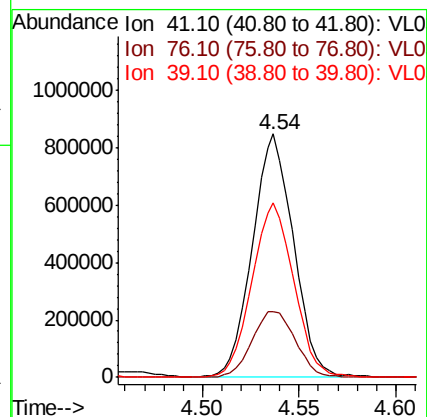
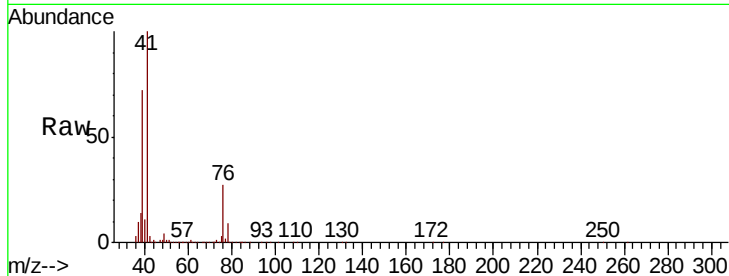




#21
Allvl Chloride
Concen: 10.332 ppbv
RT: 4.54 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VL032330.D
Acq: 1 Aug 2018 19:11

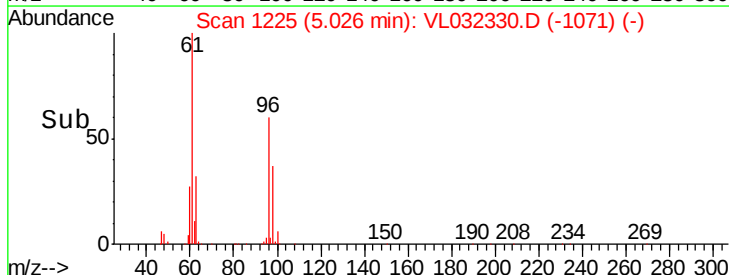
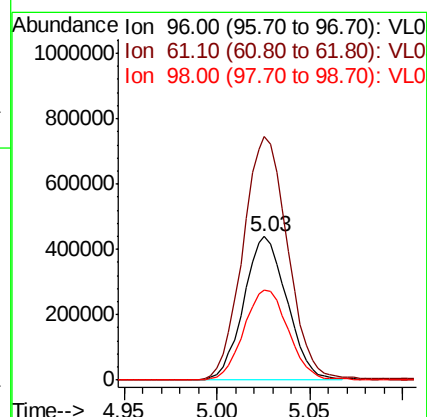
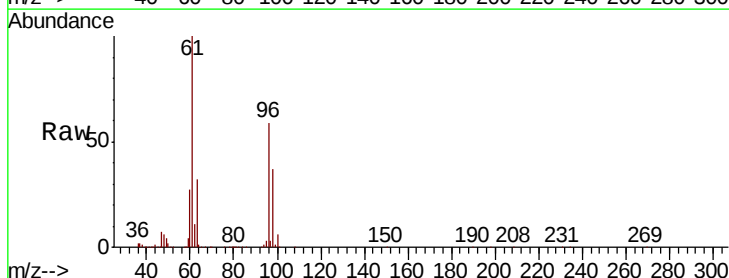
Instrument :
MSVOA_L
ClientSampleId :

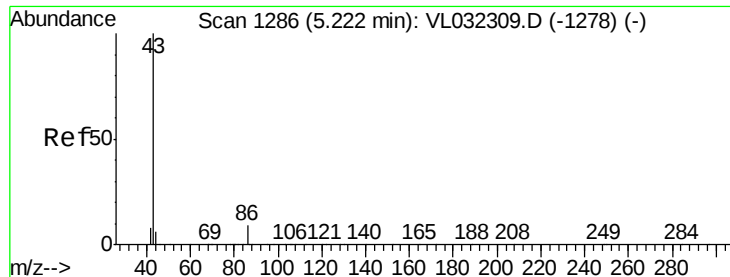
Tot Ion: 41 Resp: 1245621
Ion Ratio Lower Upper
41 100
76 28.9 23.1 34.7
39 73.2 58.2 87.2



#22
trans-1,2-Dichloroethene
Concen: 10.734 ppbv
RT: 5.03 min Scan# 1225
Delta R.T. -0.00 min
Lab File: VL032330.D
Acq: 1 Aug 2018 19:11

Tgt Ion: 96 Resp: 708232
Ion Ratio Lower Upper
96 100
61 169.4 136.5 204.7
98 62.7 51.3 76.9



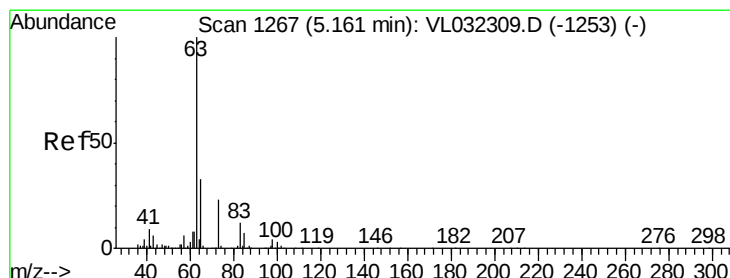
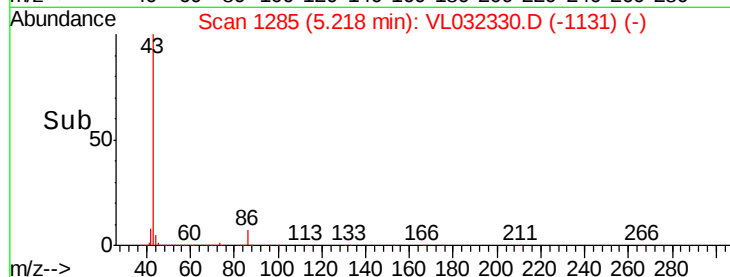
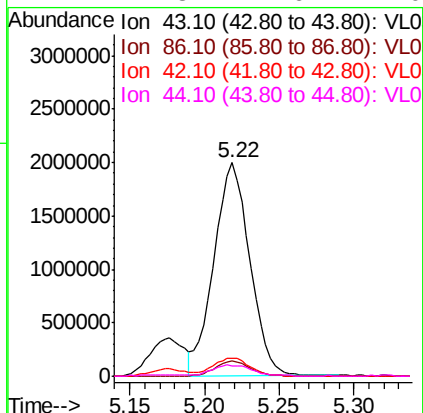
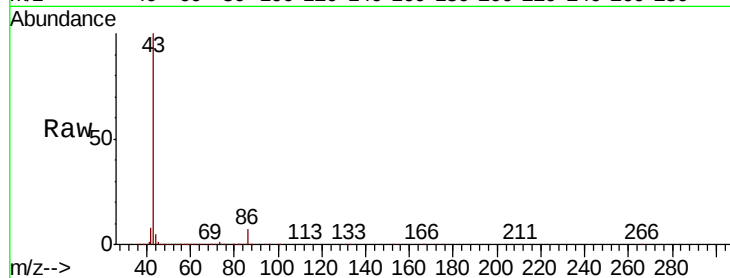


#23
 Vinyl Acetate
 Concen: 10.544 ppbv
 RT: 5.22 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VL032330.D
 Acq: 1 Aug 2018 19:11

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 43 Resp: 3342744

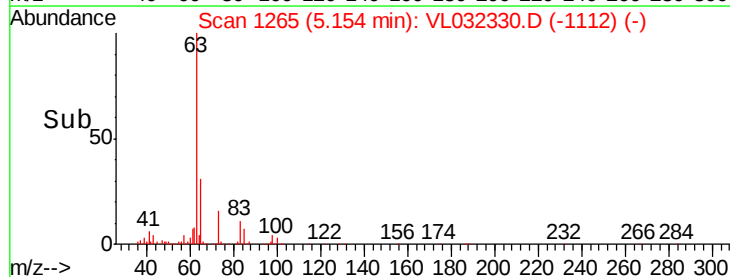
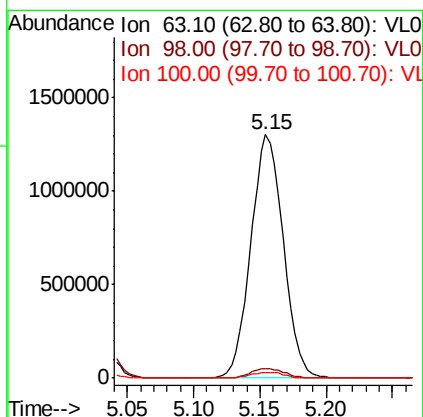
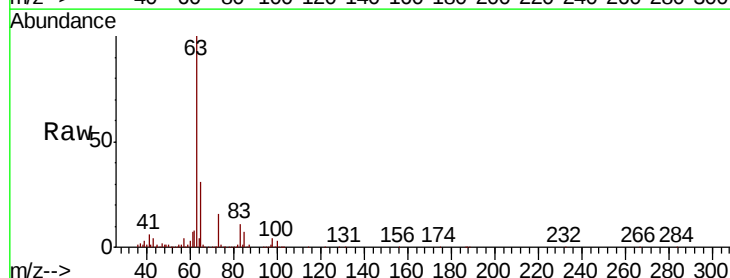
Ion	Ratio	Lower	Upper
43	100		
86	7.2	6.3	9.5
42	8.2	7.0	10.4
44	4.8	4.6	7.0

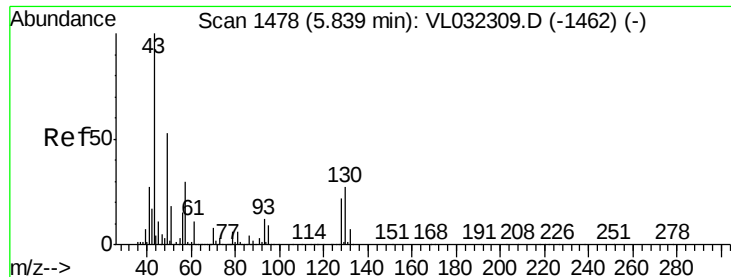


#24
 1,1-Dichloroethane
 Concen: 9.741 ppbv
 RT: 5.15 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: VL032330.D
 Acq: 1 Aug 2018 19:11

Tgt Ion: 63 Resp: 2215265

Ion	Ratio	Lower	Upper
63	100		
98	3.8	2.1	6.5
100	2.5	1.3	3.8



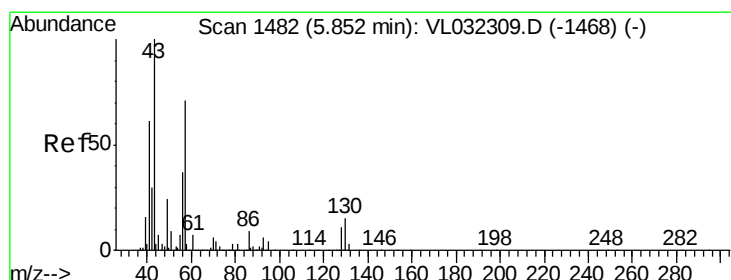
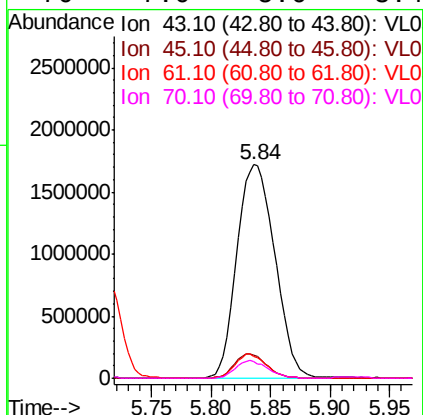
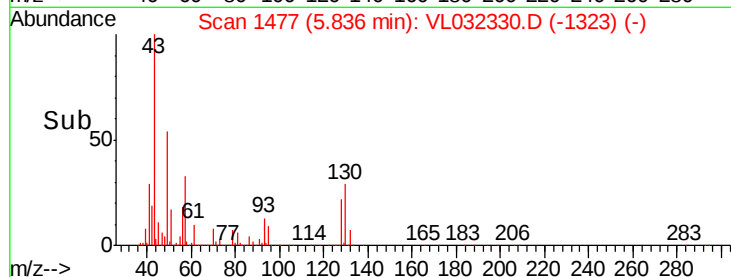
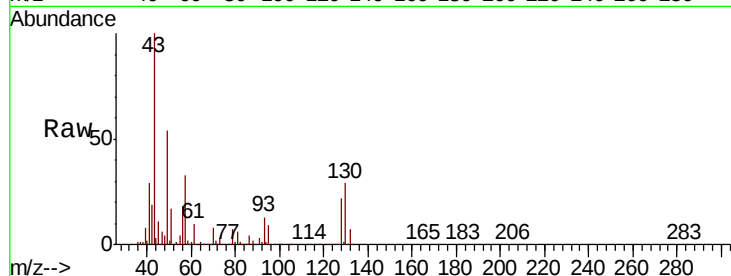


#25
Ethyl Acetate
Concen: 9.589 ppbv
RT: 5.84 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VL032330.D
Acq: 1 Aug 2018 19:11

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 3802678

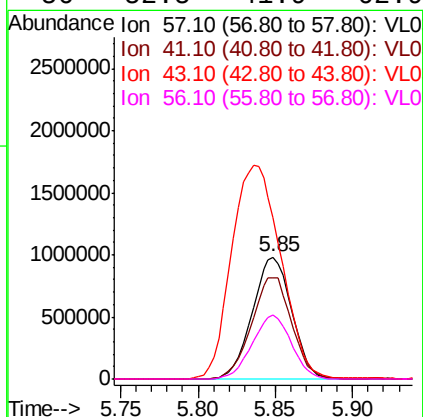
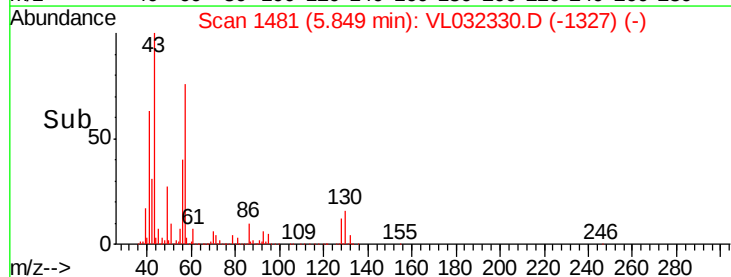
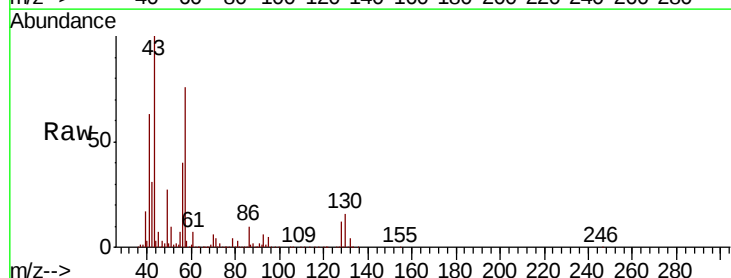
Ion	Ratio	Lower	Upper
43	100		
45	9.9	8.1	12.1
61	9.3	7.4	11.0
70	7.0	5.6	8.4

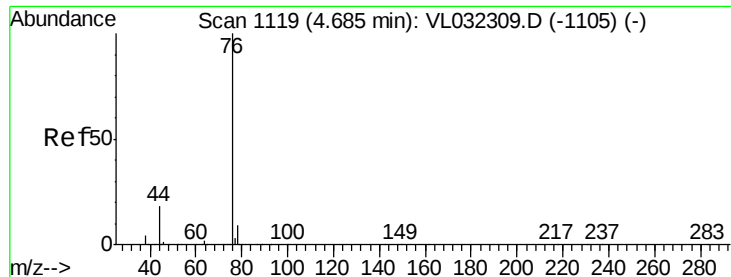


#26
Hexane
Concen: 9.669 ppbv
RT: 5.85 min Scan# 1481
Delta R.T. -0.00 min
Lab File: VL032330.D
Acq: 1 Aug 2018 19:11

Tgt Ion: 57 Resp: 1735012

Ion	Ratio	Lower	Upper
57	100		
41	85.5	68.1	102.1
43	219.7	177.4	266.2
56	52.5	41.9	62.9





#27

Carbon Disulfide

Concen: 10.776 ppbv

RT: 4.68 min Scan# 1118

Delta R.T. -0.00 min

Lab File: VL032330.D

Acq: 1 Aug 2018 19:11

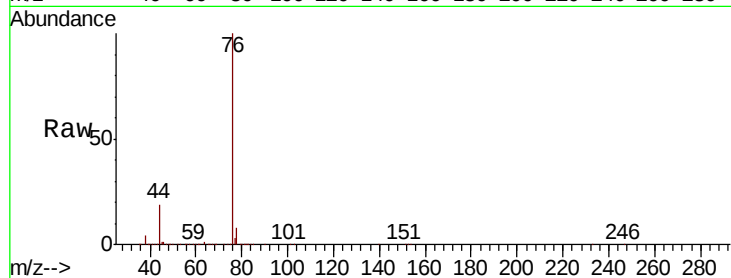
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 76 Resp: 1758125

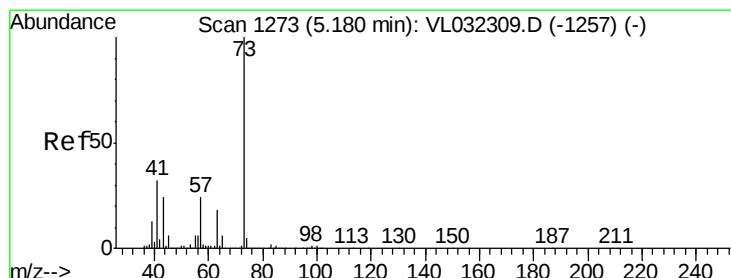
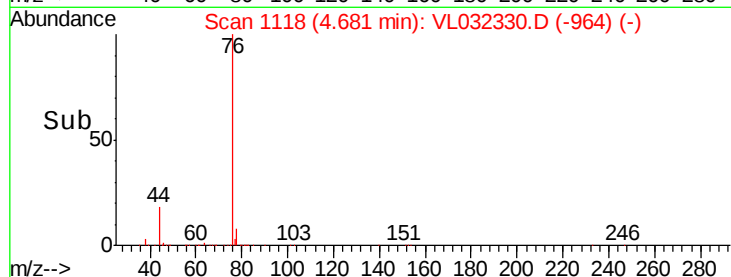
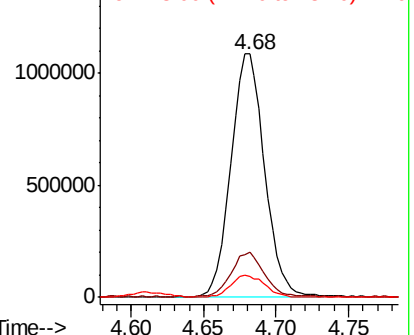
Ion	Ratio	Lower	Upper
76	100		
44	18.0	14.0	21.0
78	9.3	7.5	11.3



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: 10.660 ppbv

RT: 5.18 min Scan# 1272

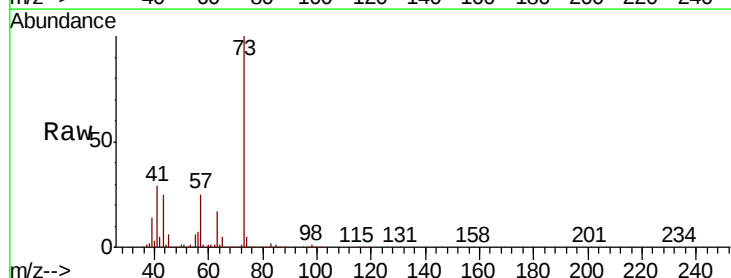
Delta R.T. -0.00 min

Lab File: VL032330.D

Acq: 1 Aug 2018 19:11

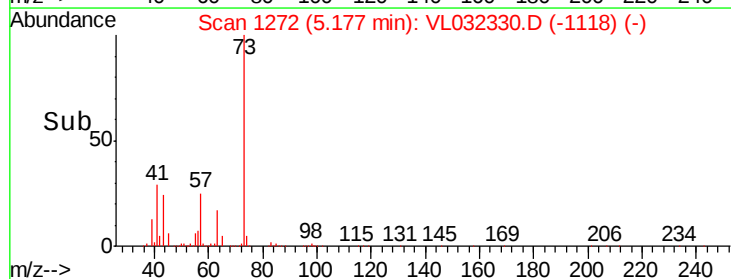
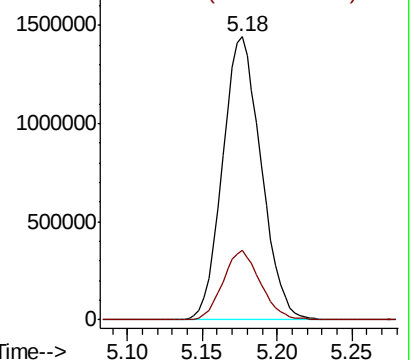
Tgt Ion: 73 Resp: 2587210

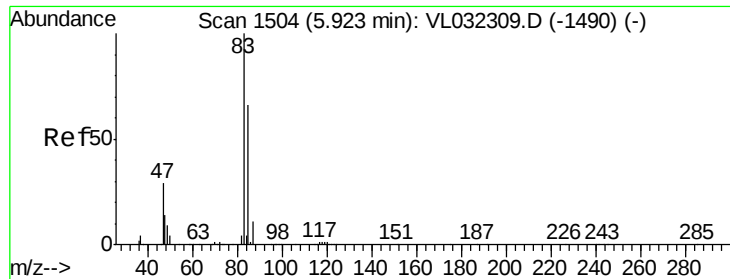
Ion	Ratio	Lower	Upper
73	100		
57	24.0	19.4	29.0



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#29

Chloroform

Concen: 9.520 ppbv

RT: 5.92 min Scan# 1503

Delta R.T. -0.00 min

Lab File: VL032330.D

Acq: 1 Aug 2018 19:11

Instrument :

MSVOA_L

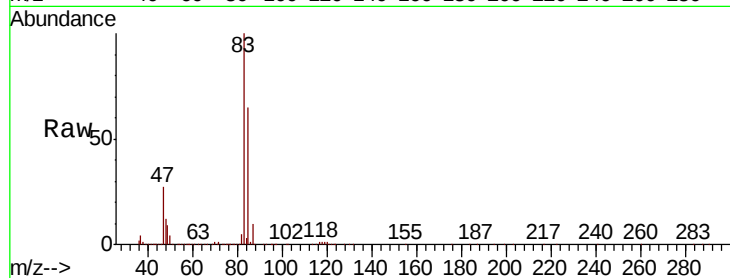
ClientSampleId :

Tot Ion: 83 Resp: 2484929

Ion Ratio Lower Upper

83 100

85 64.5 52.9 79.3



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

5.92

1500000

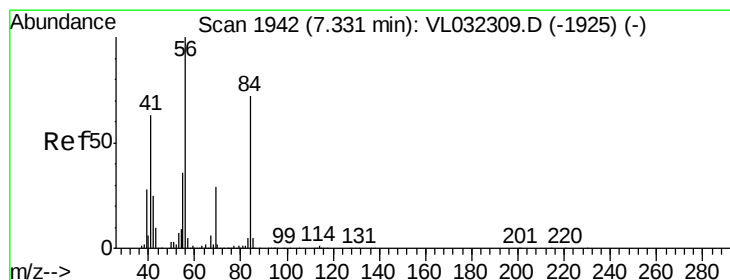
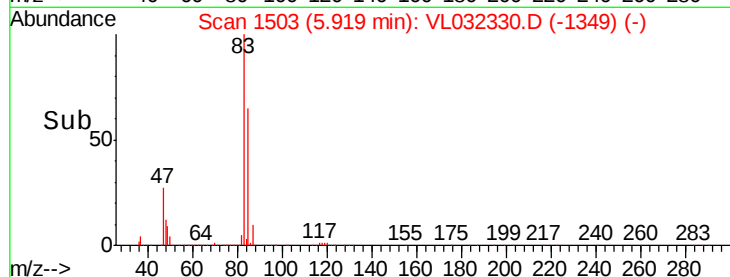
1000000

500000

0

5.85 5.90 5.95 6.00

Time-->



#30

Cyclohexane

Concen: 10.969 ppbv

RT: 7.32 min Scan# 1939

Delta R.T. -0.01 min

Lab File: VL032330.D

Acq: 1 Aug 2018 19:11

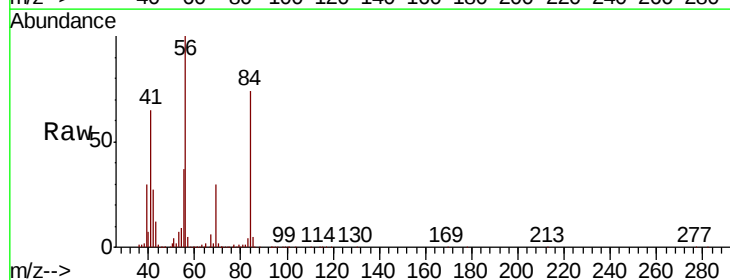
Tgt Ion: 84 Resp: 1535749

Ion Ratio Lower Upper

84 100

56 146.1 116.8 175.2

41 86.6 70.0 105.0



Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

1200000

1000000

800000

600000

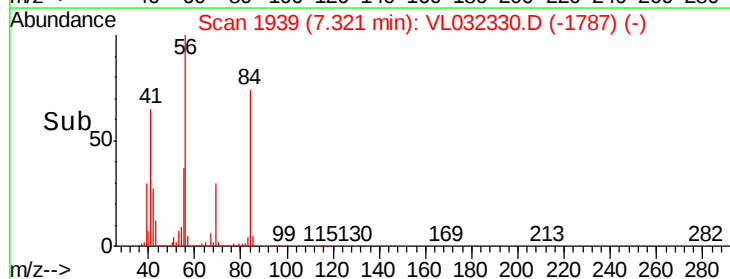
400000

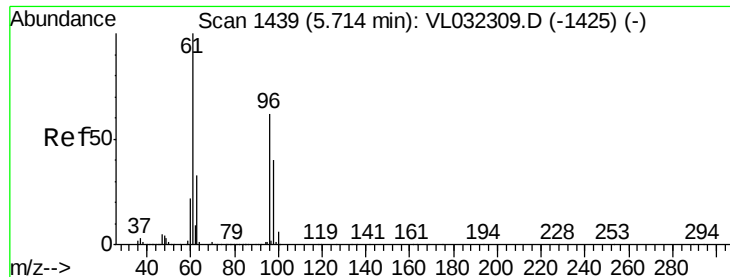
200000

0

7.20 7.25 7.30 7.35 7.40

Time-->



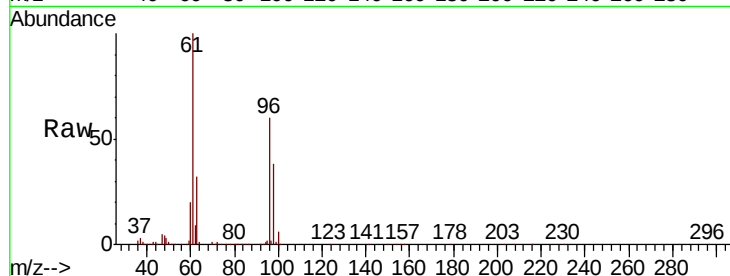


#31
 cis-1,2-Dichloroethene
 Concen: 10.378 ppbv
 RT: 5.71 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: VL032330.D
 Acq: 1 Aug 2018 19:11

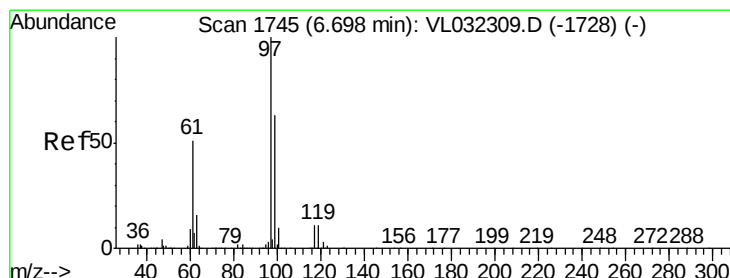
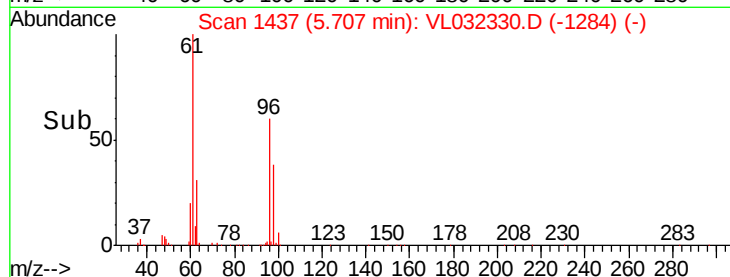
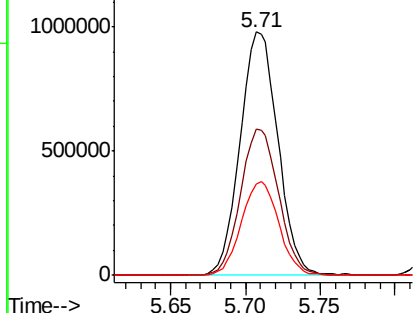
Instrument :
 MSVOA_L
 ClientSampled :

Tot Ion: 61 Resp: 1726534

Ion	Ratio	Lower	Upper
61	100		
96	60.3	49.8	74.6
98	37.7	31.8	47.6



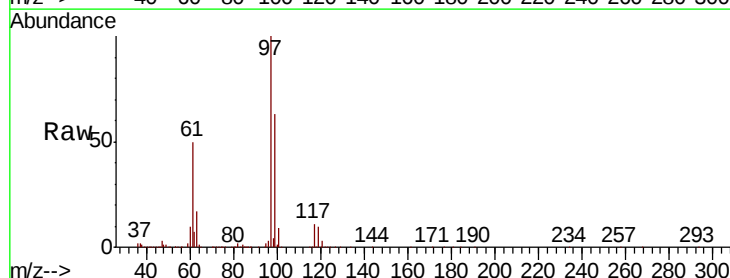
Abundance Ion 61.10 (60.80 to 61.80): VL0
 Ion 96.00 (95.70 to 96.70): VL0
 Ion 98.00 (97.70 to 98.70): VL0



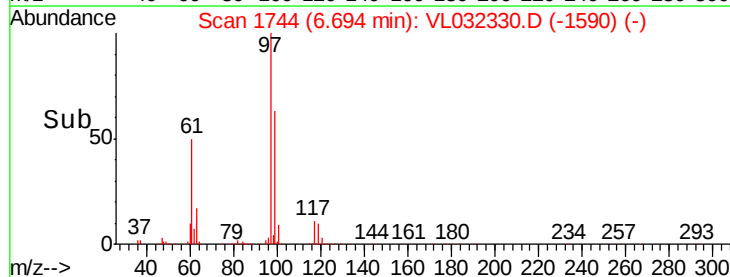
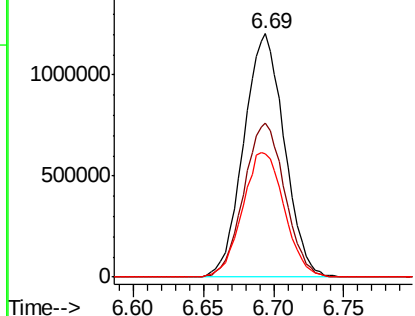
#32
 1,1,1-Trichloroethane
 Concen: 10.514 ppbv
 RT: 6.69 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: VL032330.D
 Acq: 1 Aug 2018 19:11

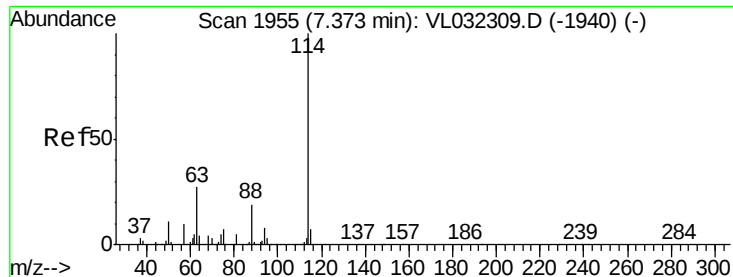
Tgt Ion: 97 Resp: 2428872

Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.9	76.3
61	52.5	41.8	62.6



Abundance Ion 97.00 (96.70 to 97.70): VL0
 Ion 99.00 (98.70 to 99.70): VL0
 Ion 61.10 (60.80 to 61.80): VL0

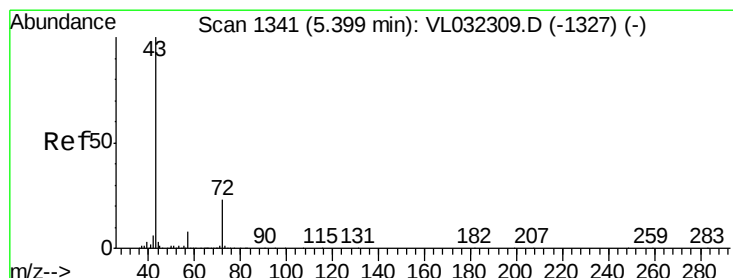
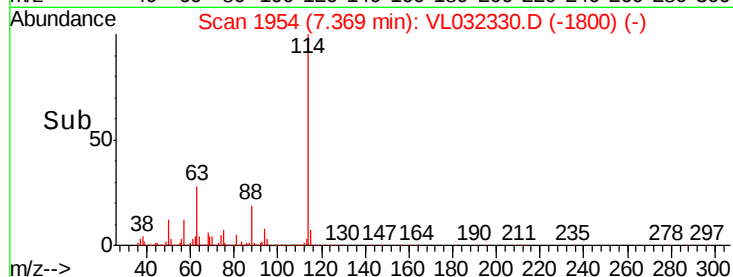
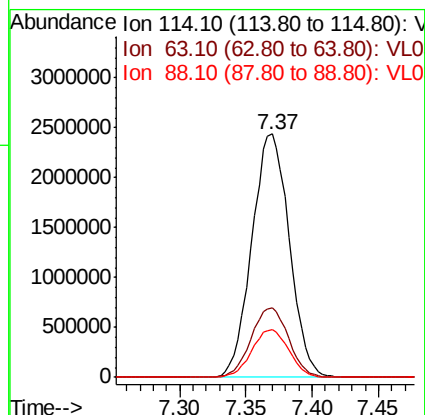
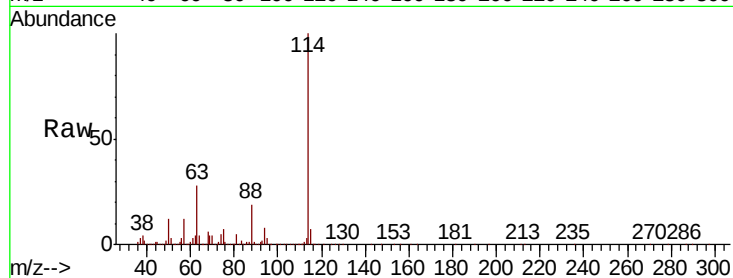




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.37 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: VL032330.D
 Acq: 1 Aug 2018 19:11

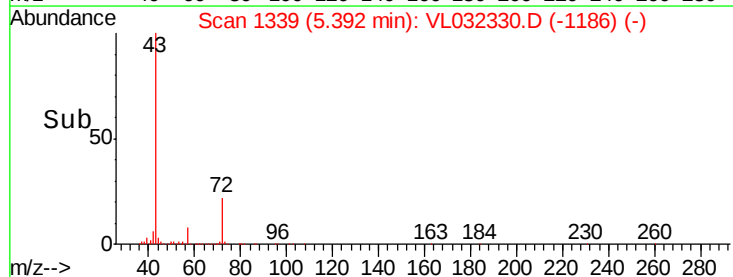
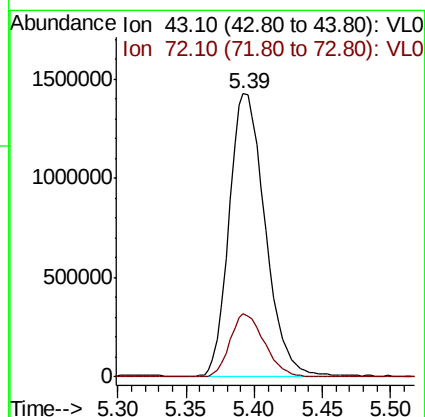
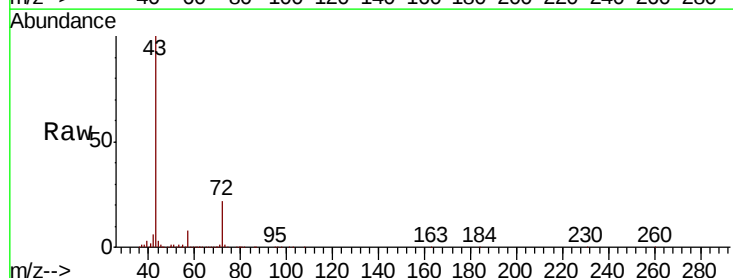
Instrument :
 MSVOA_L
 ClientSampleId :

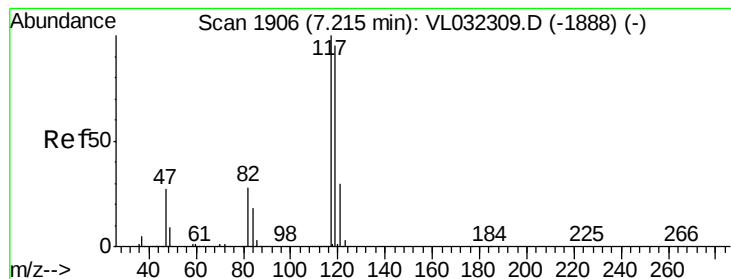
Tot Ion:114 Resp: 4805960
 Ion Ratio Lower Upper
 114 100
 63 28.9 22.4 33.6
 88 19.4 15.3 22.9



#34
 2-Butanone
 Concen: 8.384 ppbv
 RT: 5.39 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: VL032330.D
 Acq: 1 Aug 2018 19:11

Tgt Ion: 43 Resp: 2607927
 Ion Ratio Lower Upper
 43 100
 72 21.7 17.4 26.2





#35

Carbon Tetrachloride

Concen: 8.829 ppbv

RT: 7.21 min Scan# 1904

Delta R.T. -0.01 min

Lab File: VL032330.D

Acq: 1 Aug 2018 19:11

Instrument :

MSVOA_L

ClientSampleId :

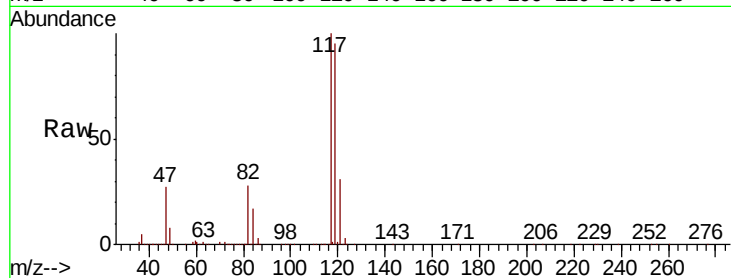
Tot Ion:117 Resp: 2410239

Ion Ratio Lower Upper

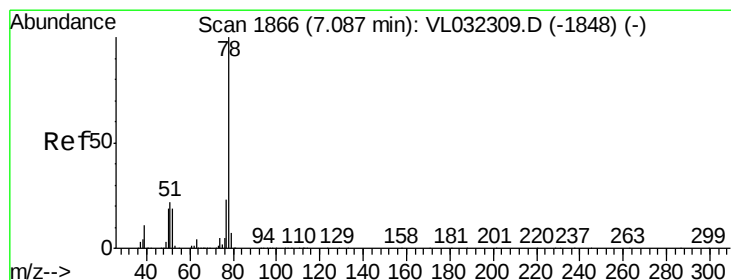
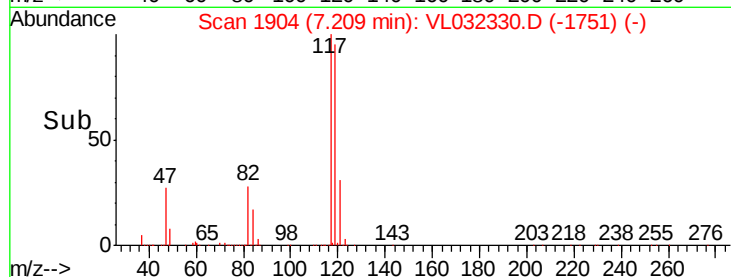
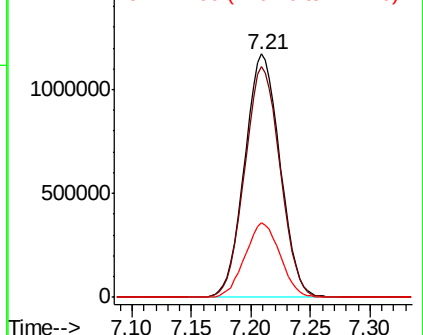
117 100

119 95.0 76.1 114.1

121 30.7 24.4 36.6



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: 8.473 ppbv

RT: 7.08 min Scan# 1864

Delta R.T. -0.01 min

Lab File: VL032330.D

Acq: 1 Aug 2018 19:11

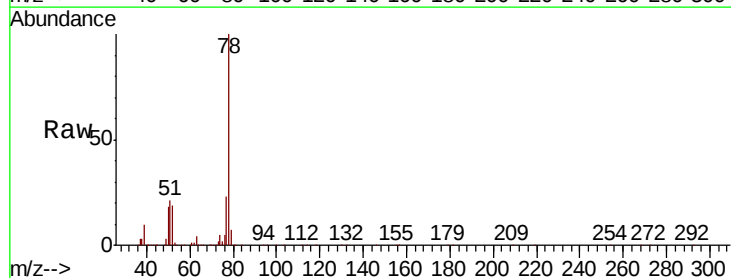
Tgt Ion: 78 Resp: 3589359

Ion Ratio Lower Upper

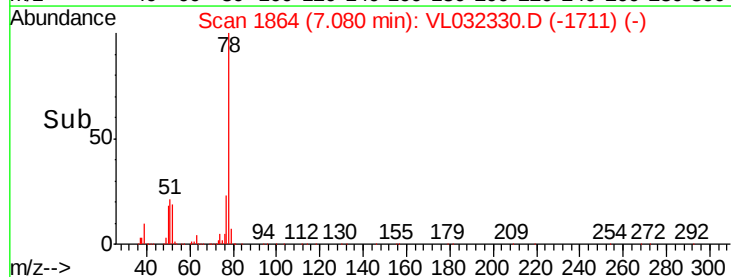
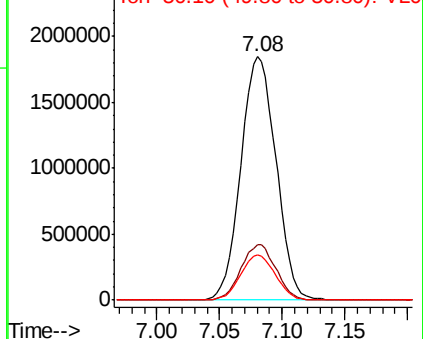
78 100

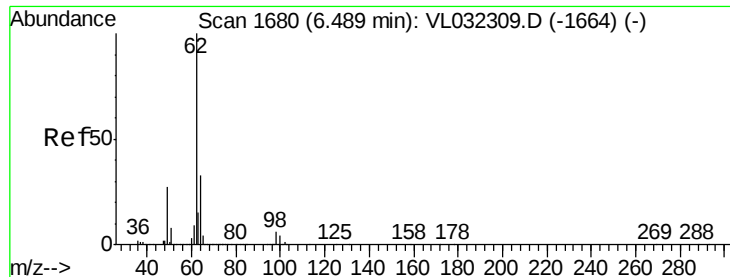
77 22.7 18.4 27.6

50 18.4 15.3 22.9



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

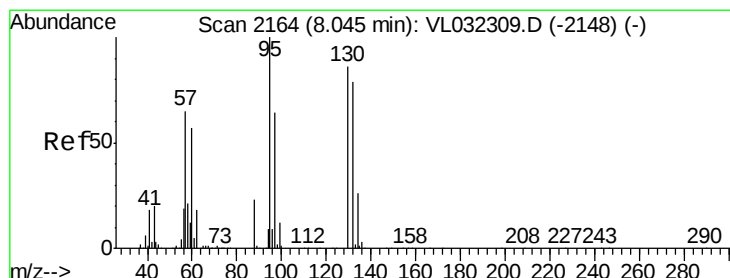
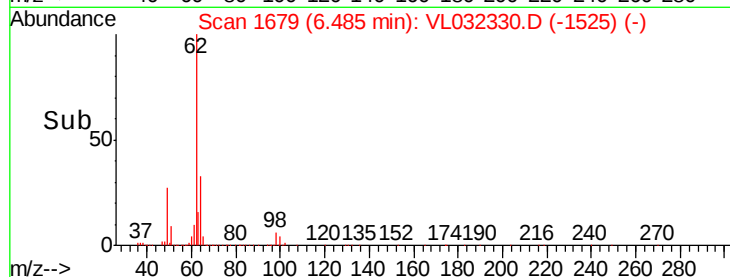
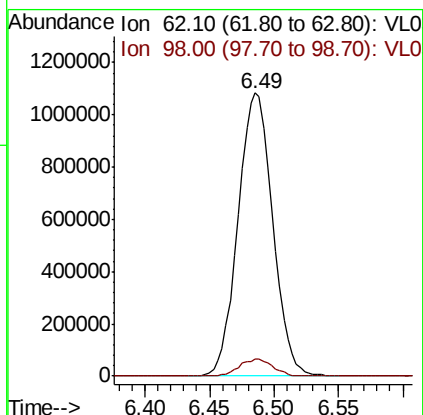
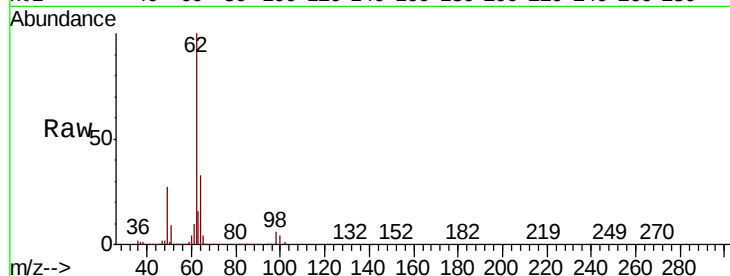




#37
 1,2-Dichloroethane
 Concen: 8.287 ppbv
 RT: 6.49 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: VL032330.D
 Acq: 1 Aug 2018 19:11

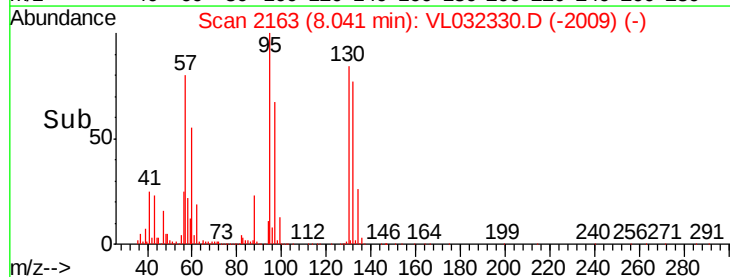
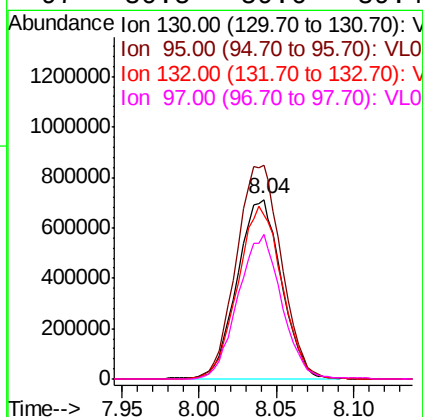
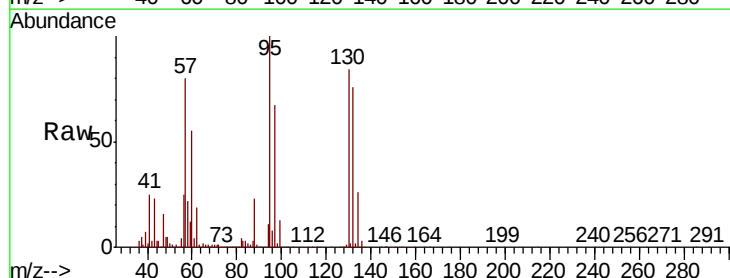
Instrument :
 MSVOA_L
 ClientSampleId :

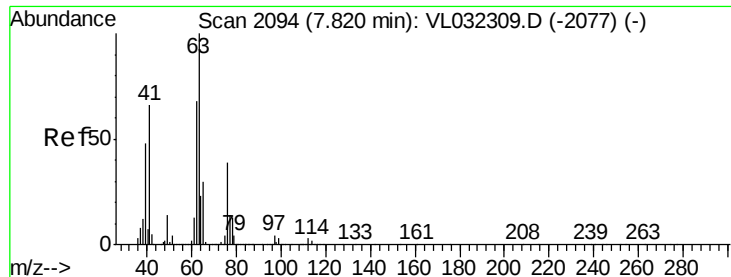
Tot Ion: 62 Resp: 2028592
 Ion Ratio Lower Upper
 62 100
 98 6.0 5.1 7.7



#38
 Trichloroethene
 Concen: 8.552 ppbv
 RT: 8.04 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: VL032330.D
 Acq: 1 Aug 2018 19:11

Tgt Ion: 130 Resp: 1400154
 Ion Ratio Lower Upper
 130 100
 95 119.3 92.9 139.3
 132 91.5 73.0 109.4
 97 80.5 59.6 89.4



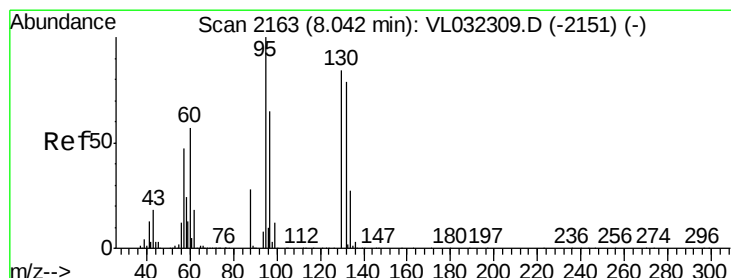
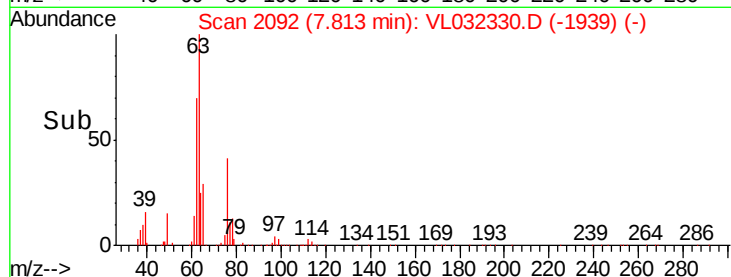
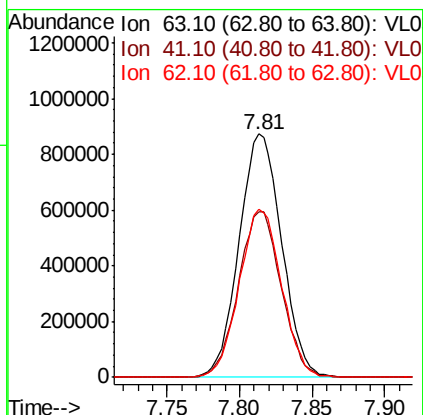
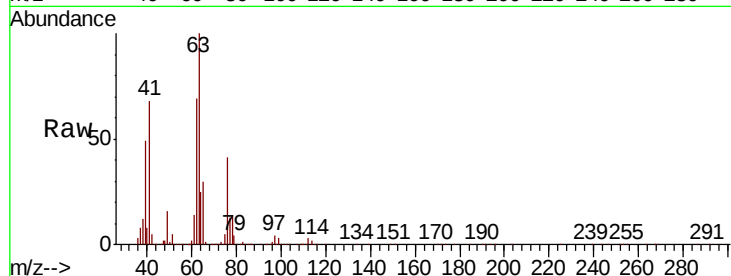


#39
 1,2-Dichloropropane
 Concen: 8.344 ppbv
 RT: 7.81 min Scan# 2092
 Delta R.T. -0.01 min
 Lab File: VL032330.D
 Acq: 1 Aug 2018 19:11

Instrument :
 MSVOA_L
 ClientSampled :

Tot Ion: 63 Resp: 1778402

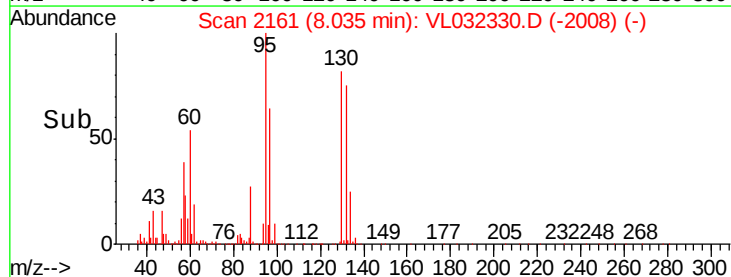
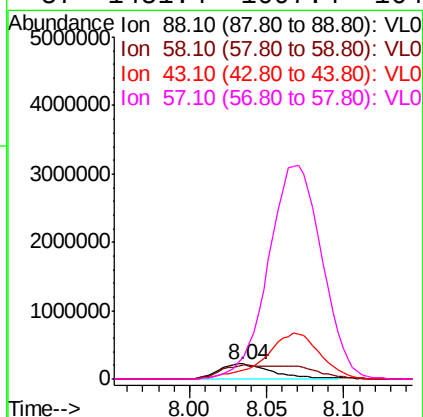
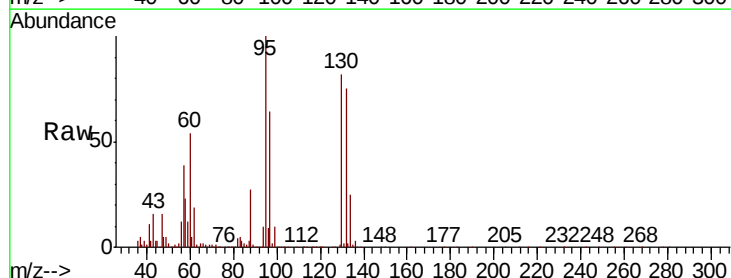
Ion	Ratio	Lower	Upper
63	100		
41	68.1	52.5	78.7
62	69.2	54.6	81.8

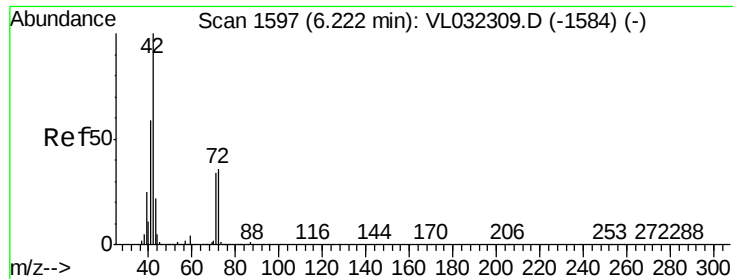


#40
 1,4-Dioxane
 Concen: 8.343 ppbv
 RT: 8.04 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: VL032330.D
 Acq: 1 Aug 2018 19:11

Tgt Ion: 88 Resp: 522205

Ion	Ratio	Lower	Upper
88	100		
58	156.4	120.5	180.7
43	320.6	246.2	369.2
57	1451.4	1097.4	1646.2

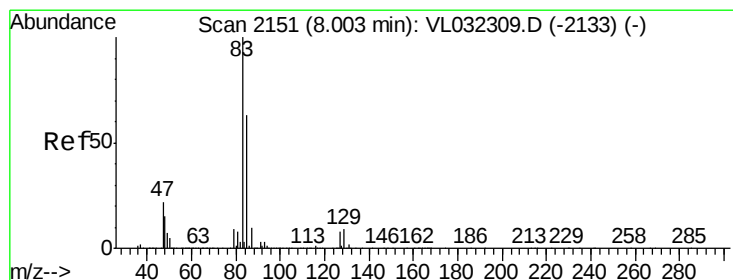
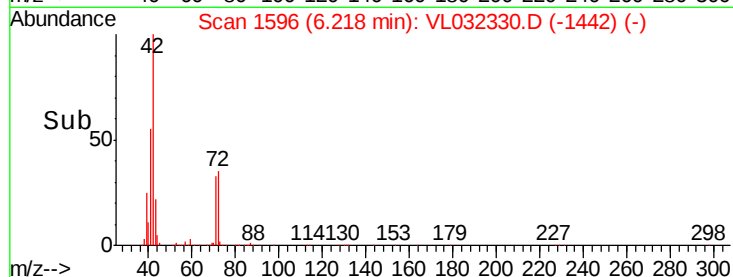
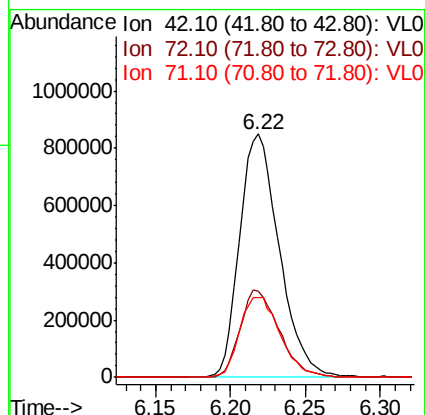
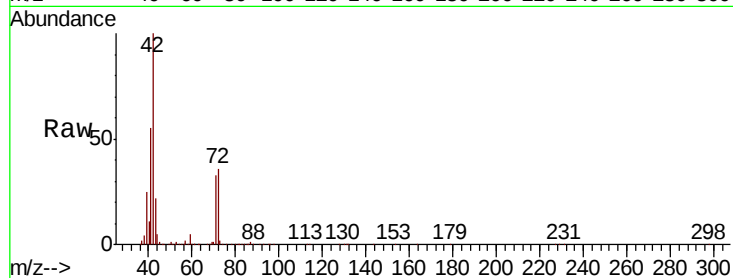




#41
Tetrahydrofuran
Concen: 8.914 ppbv
RT: 6.22 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VL032330.D
Acq: 1 Aug 2018 19:11

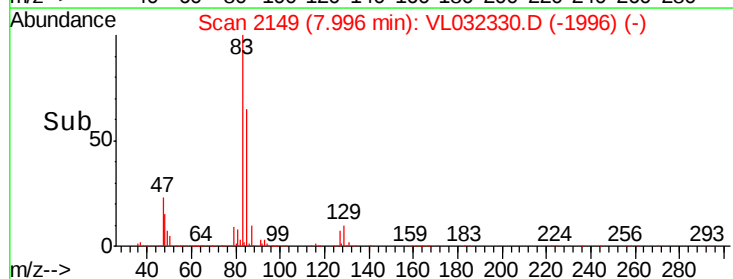
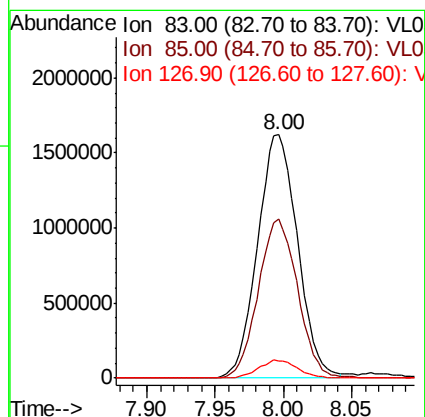
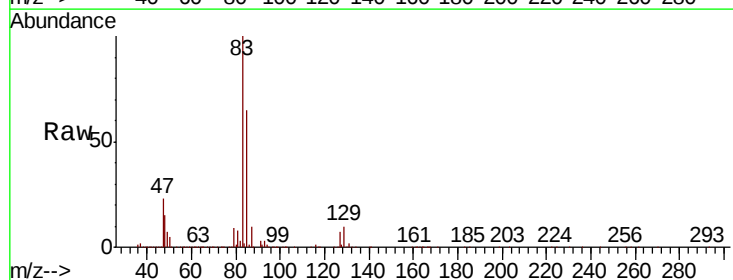
Instrument :
MSVOA_L
ClientSampled :

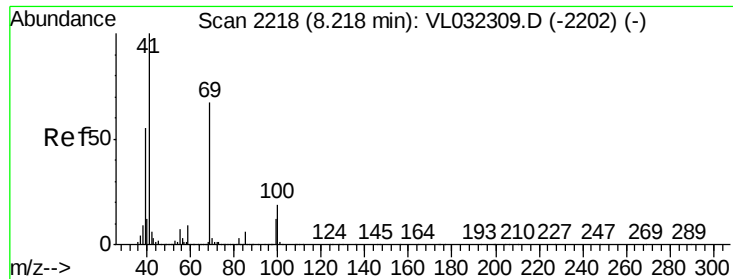
Tot Ion: 42 Resp: 1568553
Ion Ratio Lower Upper
42 100
72 35.4 28.6 42.8
71 34.0 27.8 41.6



#42
Bromodichloromethane
Concen: 8.333 ppbv
RT: 8.00 min Scan# 2149
Delta R.T. -0.01 min
Lab File: VL032330.D
Acq: 1 Aug 2018 19:11

Tgt Ion: 83 Resp: 3302212
Ion Ratio Lower Upper
83 100
85 65.5 50.7 76.1
127 7.2 6.0 9.0

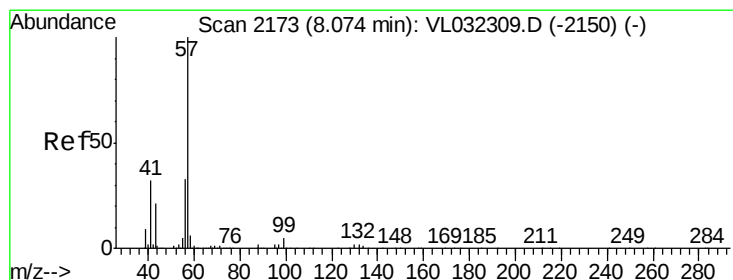
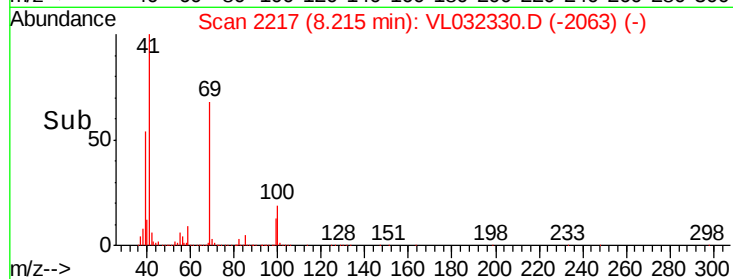
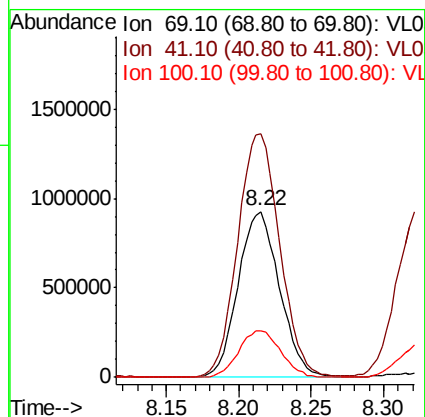
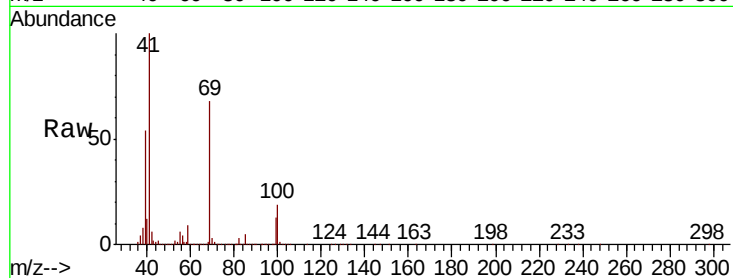




#43
Methvl Methacrvlate
Concen: 9.032 ppbv
RT: 8.22 min Scan# 2217
Delta R.T. -0.00 min
Lab File: VL032330.D
Acq: 1 Aug 2018 19:11

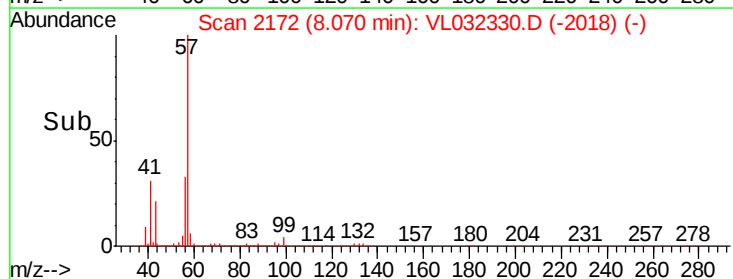
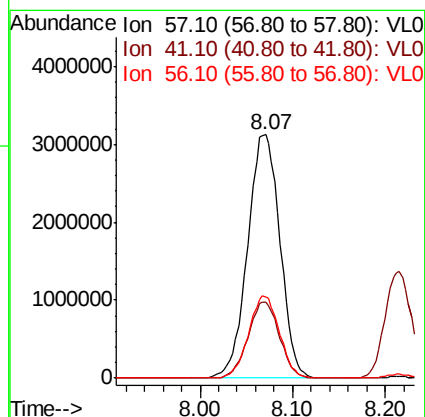
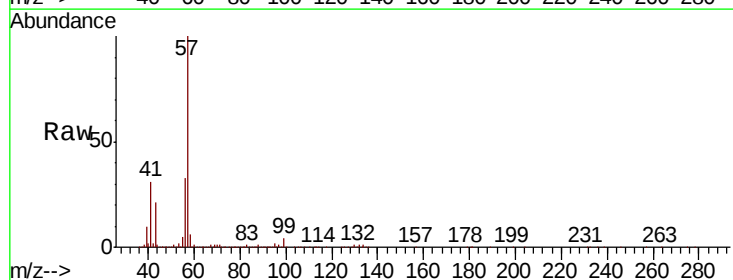
Instrument :
MSVOA_L
ClientSampleId :

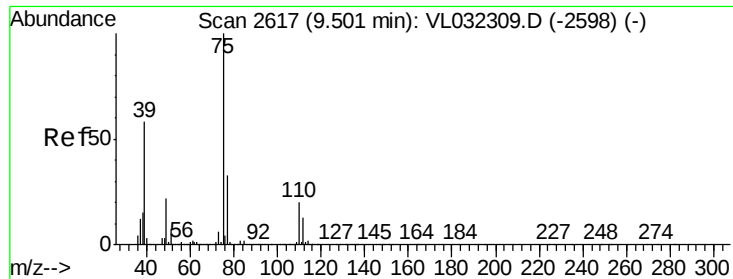
Tot Ion: 69 Resp: 1836704
Ion Ratio Lower Upper
69 100
41 149.5 120.6 180.8
100 28.7 23.2 34.8



#44
2,2,4-Trimethylpentane
Concen: 8.241 ppbv
RT: 8.07 min Scan# 2172
Delta R.T. -0.00 min
Lab File: VL032330.D
Acq: 1 Aug 2018 19:11

Tgt Ion: 57 Resp: 7570807
Ion Ratio Lower Upper
57 100
41 30.2 24.3 36.5
56 32.1 25.4 38.2

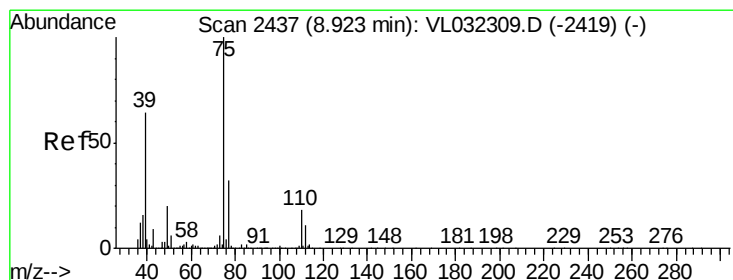
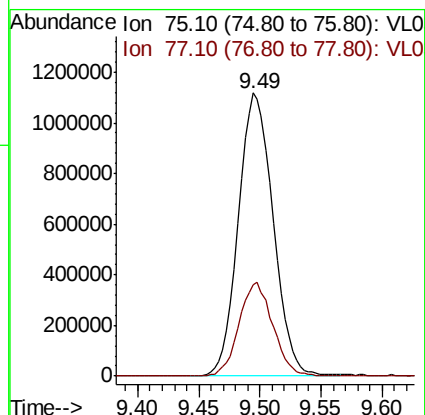
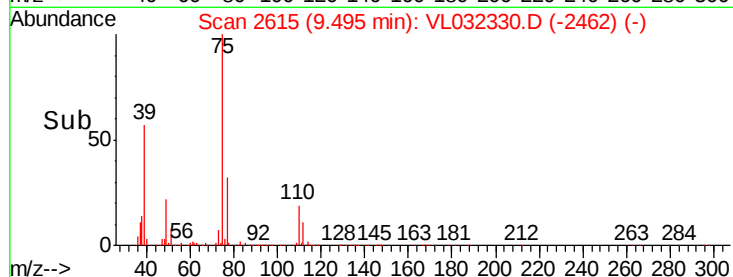
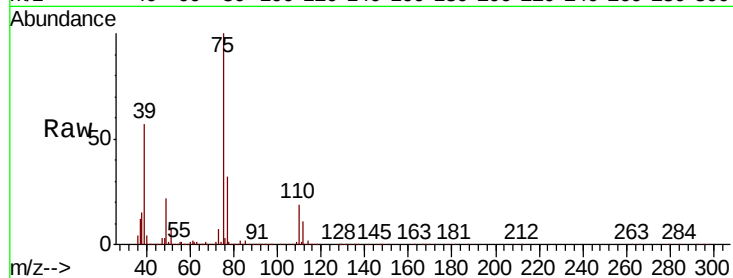




#45
 t-1,3-Dichloropropene
 Concen: 9.374 ppbv
 RT: 9.49 min Scan# 2615
 Delta R.T. -0.01 min
 Lab File: VL032330.D
 Acq: 1 Aug 2018 19:11

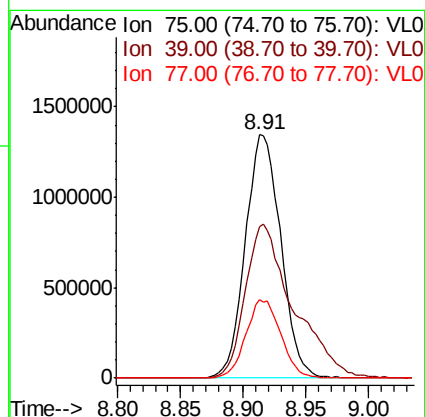
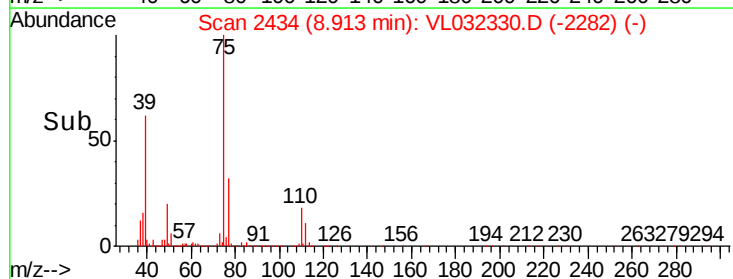
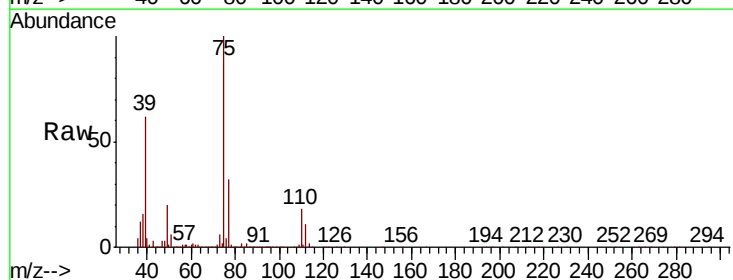
Instrument :
 MSVOA_L
 ClientSampled :

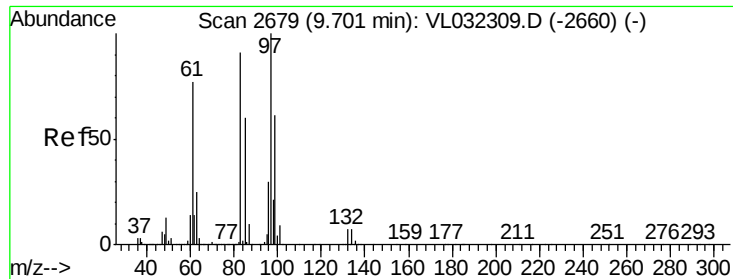
Tot Ion: 75 Resp: 2208895
 Ion Ratio Lower Upper
 75 100
 77 32.3 26.2 39.4



#46
 cis-1,3-Dichloropropene
 Concen: 9.173 ppbv
 RT: 8.91 min Scan# 2434
 Delta R.T. -0.01 min
 Lab File: VL032330.D
 Acq: 1 Aug 2018 19:11

Tgt Ion: 75 Resp: 2648309
 Ion Ratio Lower Upper
 75 100
 39 62.1 50.9 76.3
 77 32.4 25.7 38.5



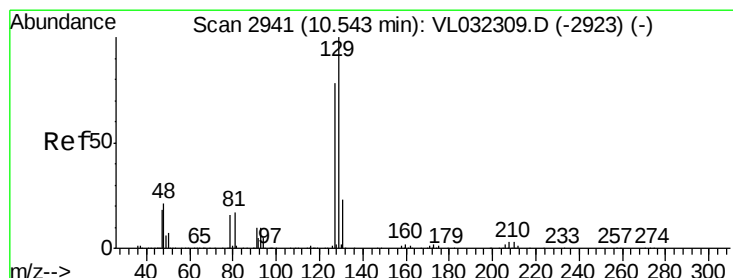
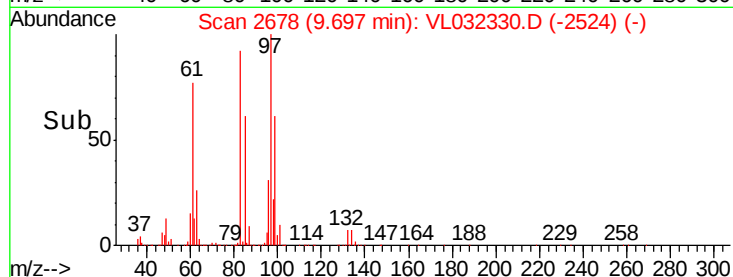
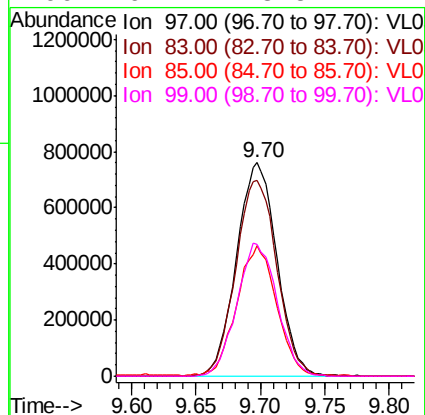
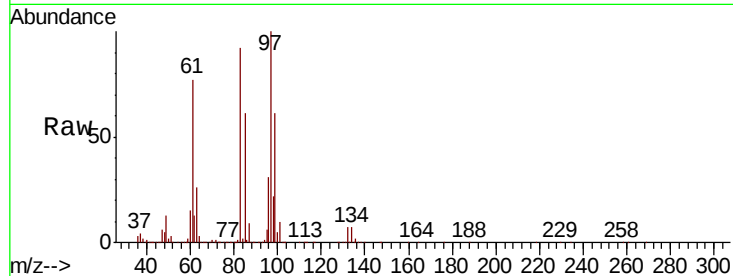


#47
 1,1,2-Trichloroethane
 Concen: 8.007 ppbv
 RT: 9.70 min Scan# 2678
 Delta R.T. -0.00 min
 Lab File: VL032330.D
 Acq: 1 Aug 2018 19:11

Instrument :
 MSVOA_L
 ClientSampleID :

Tot Ion: 97 Resp: 1658814

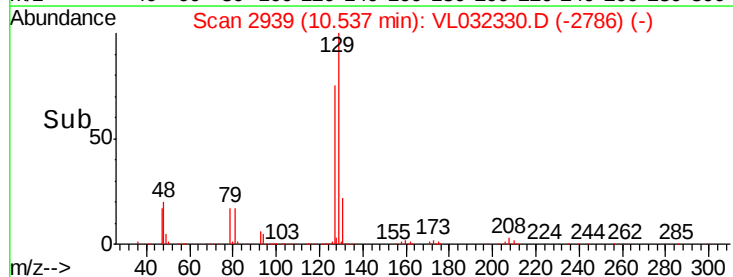
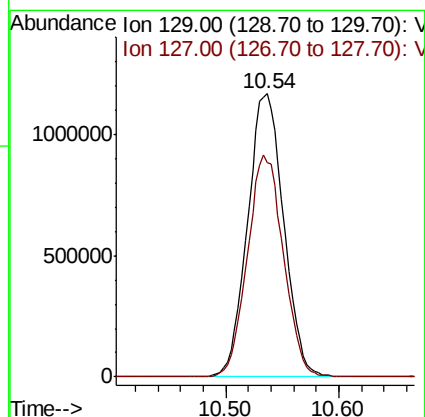
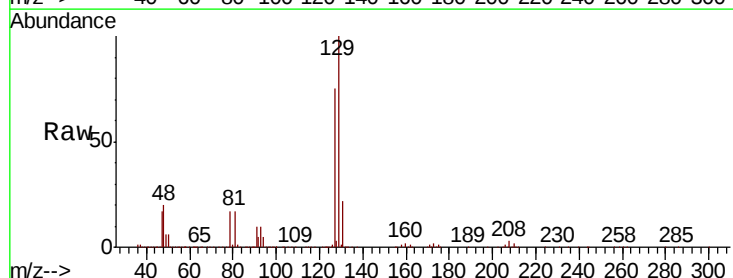
Ion	Ratio	Lower	Upper
97	100		
83	91.4	73.0	109.6
85	60.8	48.1	72.1
99	61.4	48.5	72.7

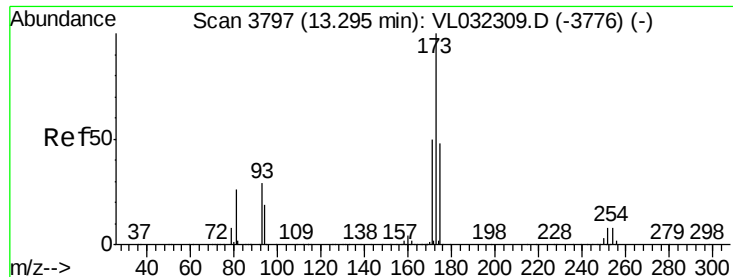


#48
 Dibromochloromethane
 Concen: 8.482 ppbv
 RT: 10.54 min Scan# 2939
 Delta R.T. -0.01 min
 Lab File: VL032330.D
 Acq: 1 Aug 2018 19:11

Tgt Ion: 129 Resp: 2590178

Ion	Ratio	Lower	Upper
129	100		
127	78.3	39.5	118.3





#49

Bromoform

Concen: 8.471 ppbv

RT: 13.29 min Scan# 3795

Delta R.T. -0.01 min

Lab File: VL032330.D

Acq: 1 Aug 2018 19:11

Instrument :

MSVOA_L

ClientSampleId :

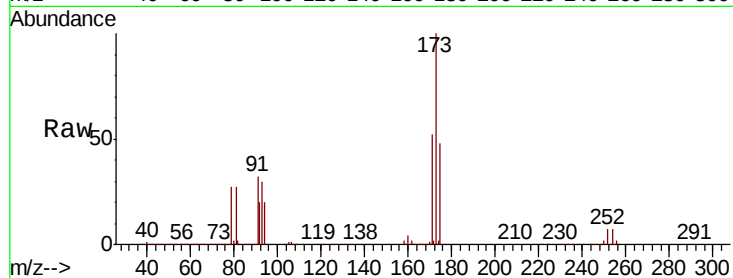
Tot Ion:173 Resp: 2130062

Ion Ratio Lower Upper

173 100

175 48.4 38.9 58.3

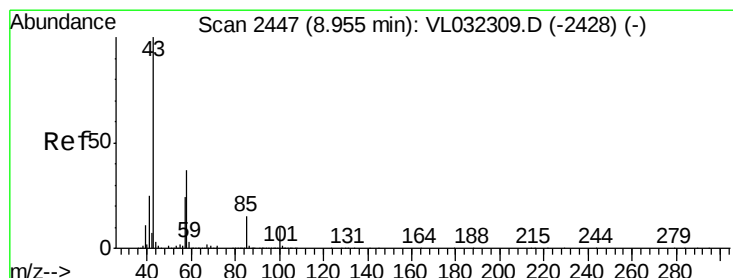
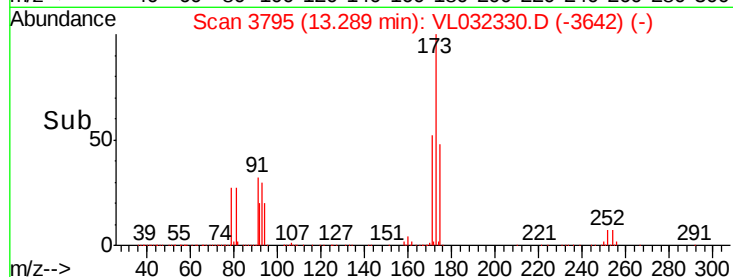
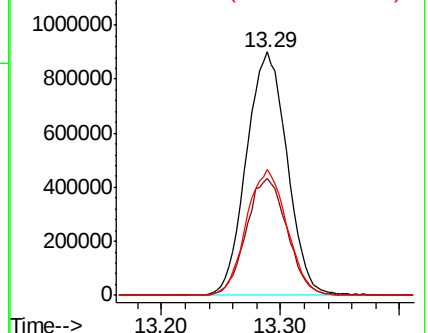
171 51.8 42.2 63.2



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: 8.530 ppbv

RT: 8.95 min Scan# 2445

Delta R.T. -0.01 min

Lab File: VL032330.D

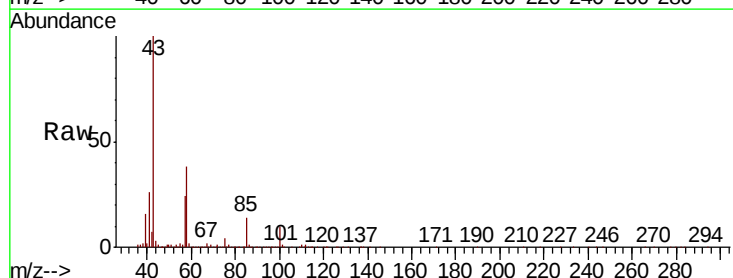
Acq: 1 Aug 2018 19:11

Tgt Ion: 43 Resp: 4681810

Ion Ratio Lower Upper

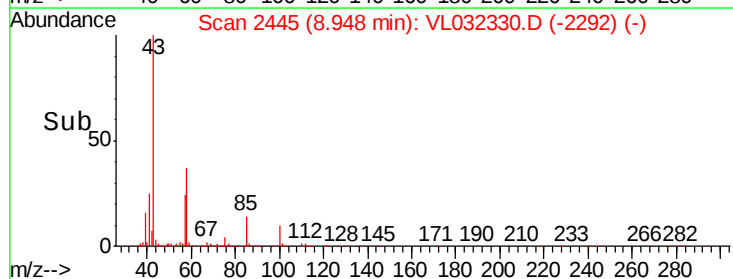
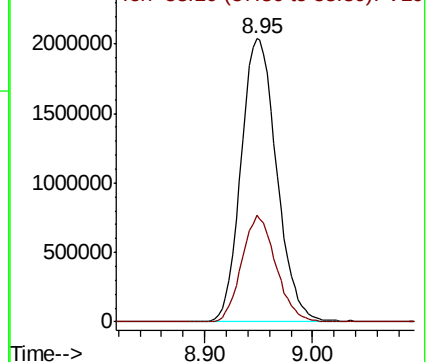
43 100

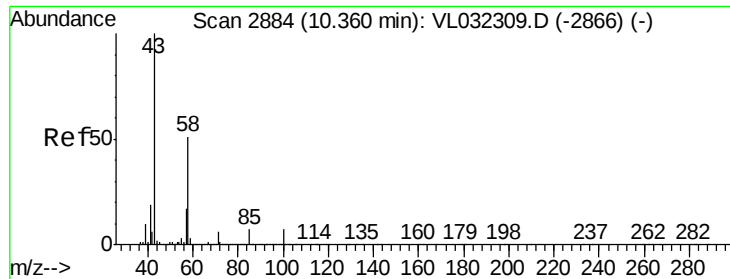
58 36.2 28.9 43.3



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

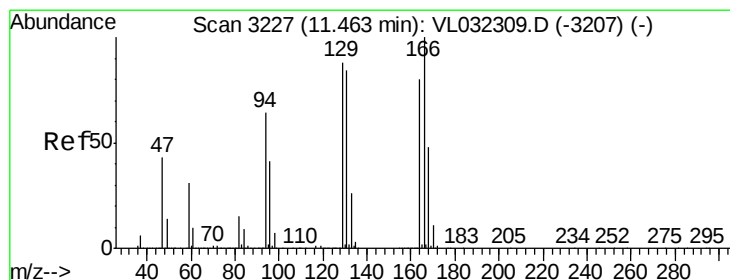
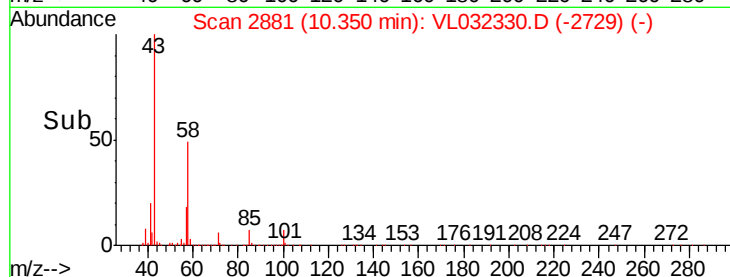
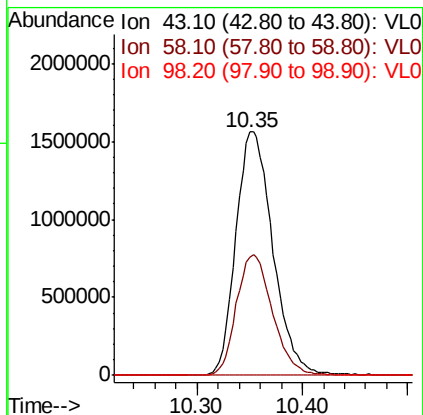
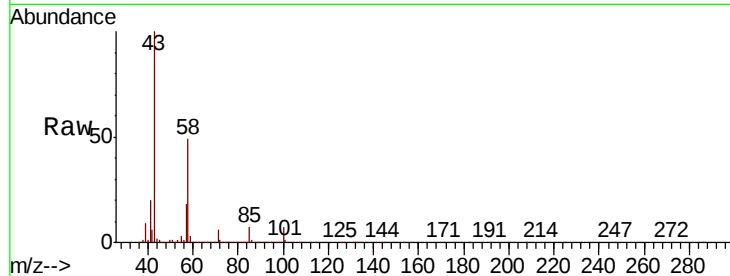




#51
2-Hexanone
Concen: 9.069 ppbv
RT: 10.35 min Scan# 2881
Delta R.T. -0.01 min
Lab File: VL032330.D
Acq: 1 Aug 2018 19:11

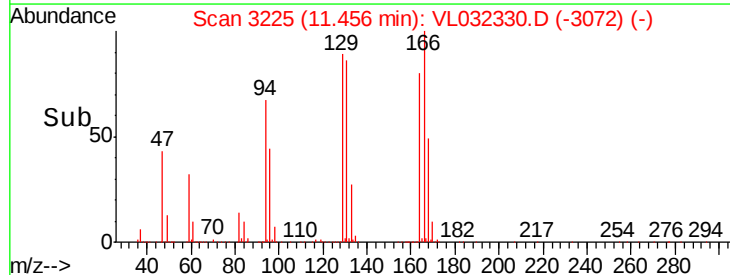
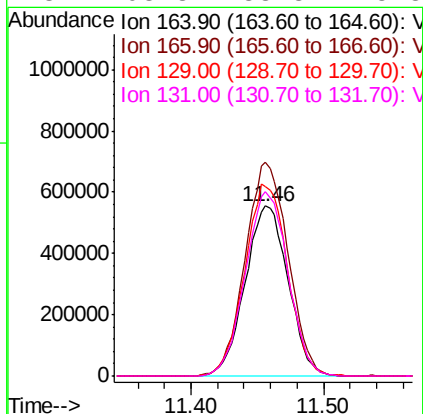
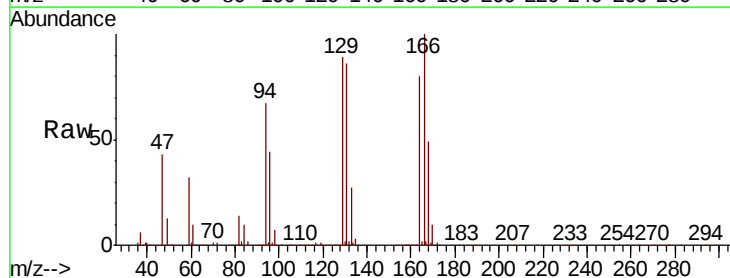
Instrument :
MSVOA_L
ClientSampleId :

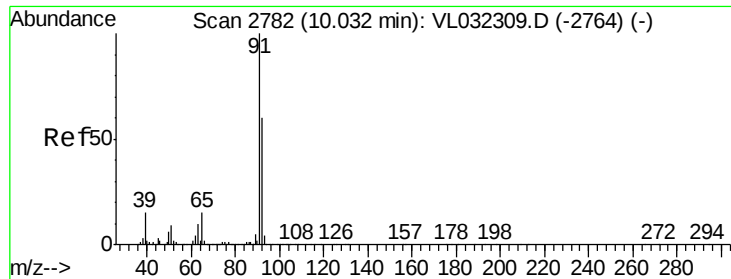
Tot Ion: 43 Resp: 3793138
Ion Ratio Lower Upper
43 100
58 48.8 39.1 58.7
98 0.2 0.3 0.5#



#52
Tetrachloroethene
Concen: 8.738 ppbv
RT: 11.46 min Scan# 3225
Delta R.T. -0.01 min
Lab File: VL032330.D
Acq: 1 Aug 2018 19:11

Tgt Ion:164 Resp: 1247376
Ion Ratio Lower Upper
164 100
166 125.5 100.0 150.0
129 111.6 87.9 131.9
131 108.3 83.8 125.8





#53

Toluene

Concen: 9.283 ppbv

RT: 10.03 min Scan# 2781

Delta R.T. -0.00 min

Lab File: VL032330.D

Acq: 1 Aug 2018 19:11

Instrument :

MSVOA_L

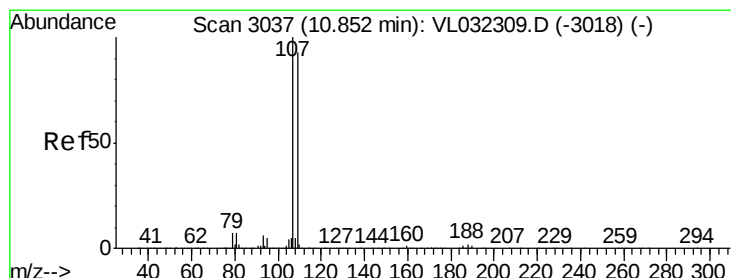
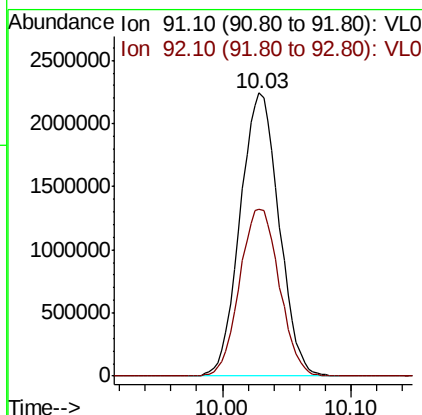
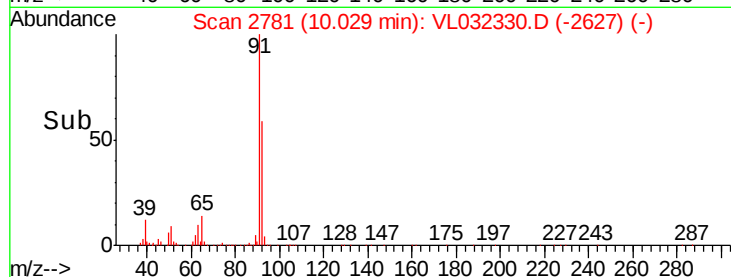
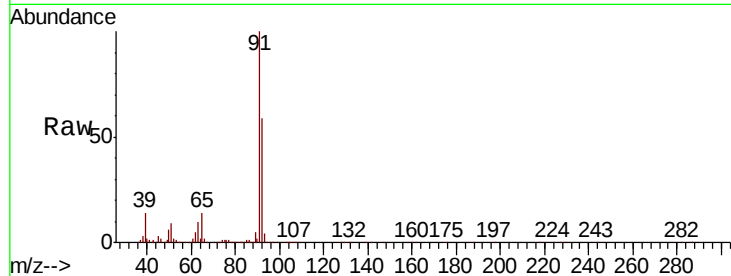
ClientSampleId :

Tot Ion: 91 Resp: 4701289

Ion Ratio Lower Upper

91 100

92 60.3 48.6 72.8



#54

1,2-Dibromoethane

Concen: 8.477 ppbv

RT: 10.85 min Scan# 3035

Delta R.T. -0.01 min

Lab File: VL032330.D

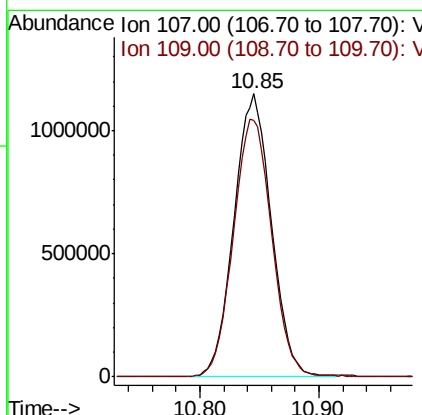
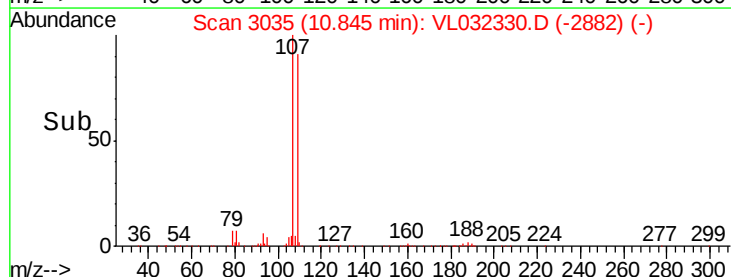
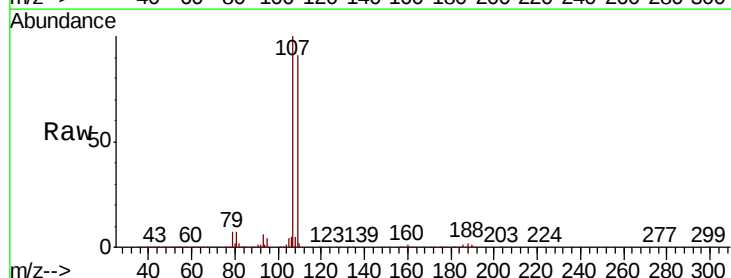
Acq: 1 Aug 2018 19:11

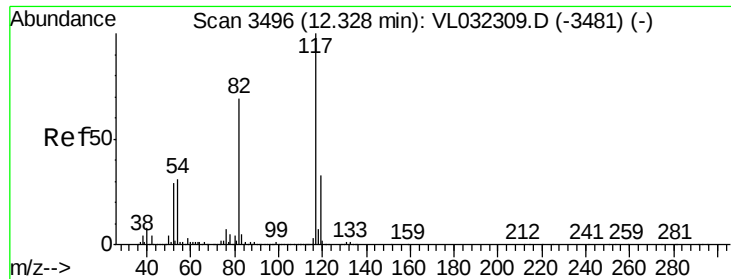
Tgt Ion: 107 Resp: 2495713

Ion Ratio Lower Upper

107 100

109 90.8 74.1 111.1

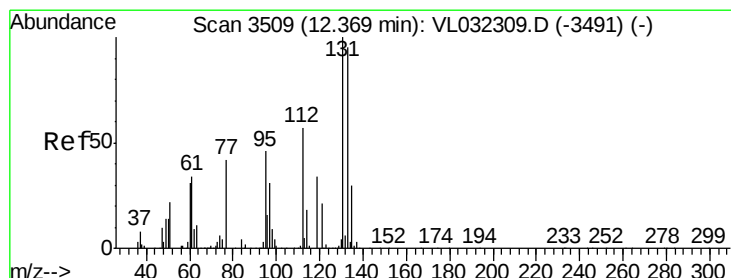
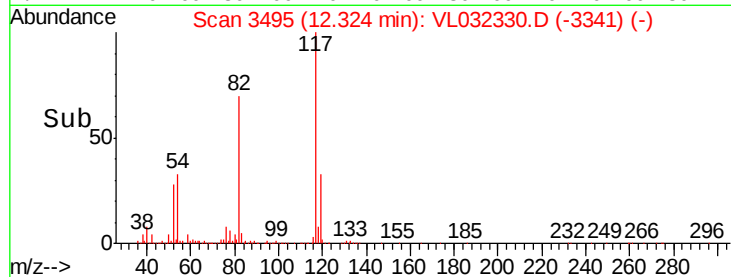
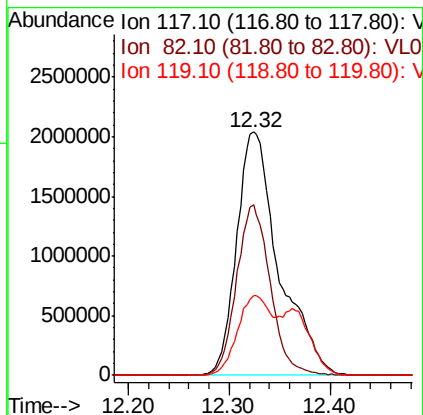
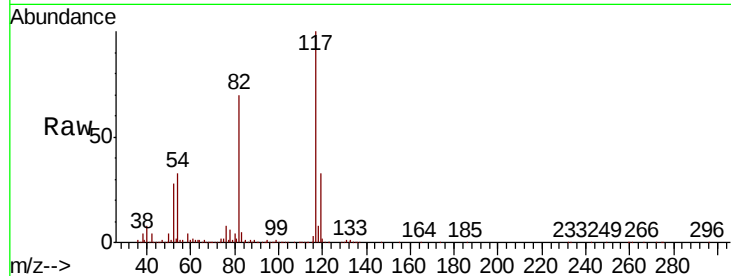




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.32 min Scan# 3495
Delta R.T. -0.00 min
Lab File: VL032330.D
Acq: 1 Aug 2018 19:11

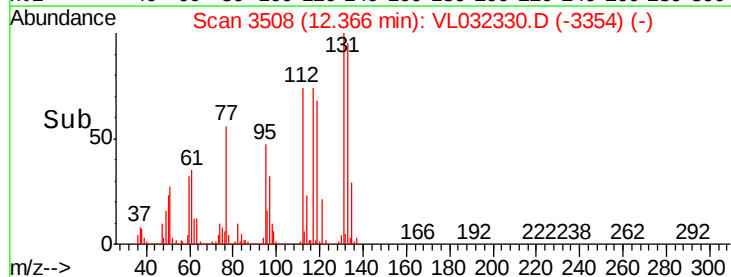
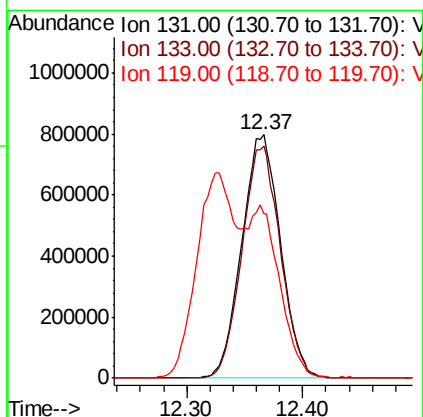
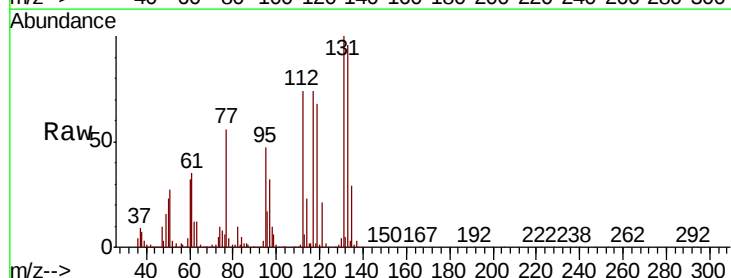
Instrument :
MSVOA_L
ClientSampleId :

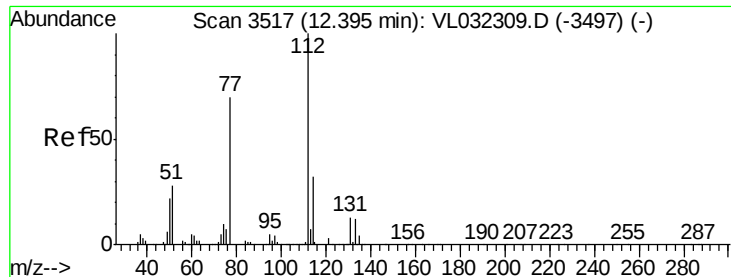
Tot Ion:117 Resp: 5917903
Ion Ratio Lower Upper
117 100
82 56.3 52.6 78.8
119 46.1 25.7 38.5#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.569 ppbv
RT: 12.37 min Scan# 3508
Delta R.T. -0.00 min
Lab File: VL032330.D
Acq: 1 Aug 2018 19:11

Tgt Ion:131 Resp: 1846937
Ion Ratio Lower Upper
131 100
133 95.2 75.8 113.6
119 147.4 48.1 72.1#

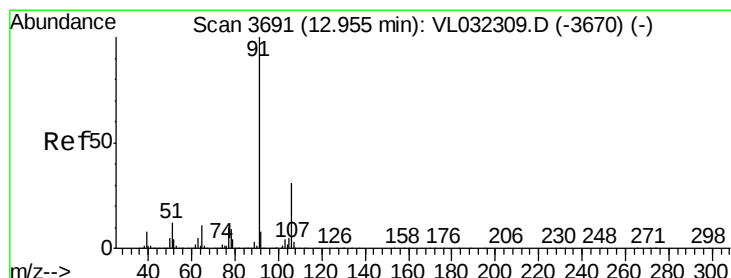
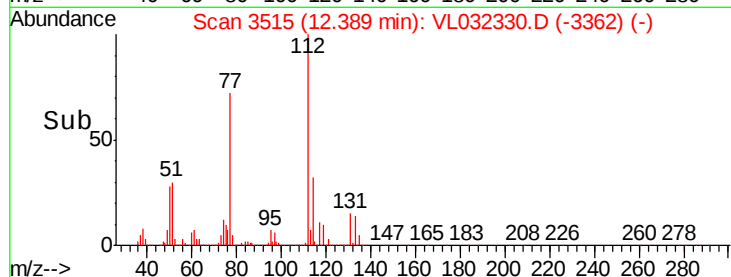
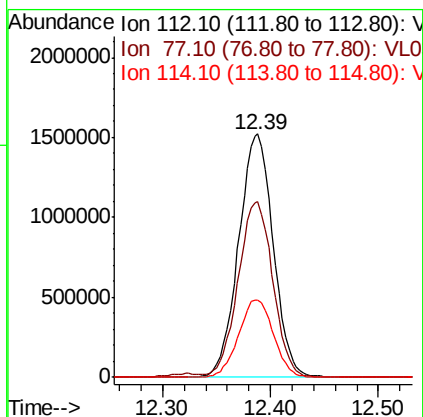
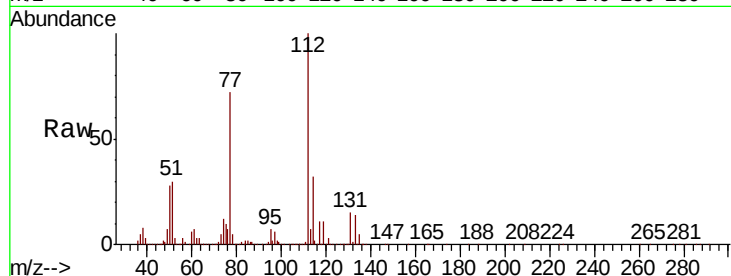




#57
Chlorobenzene
Concen: 7.349 ppbv
RT: 12.39 min Scan# 3515
Delta R.T. -0.01 min
Lab File: VL032330.D
Acq: 1 Aug 2018 19:11

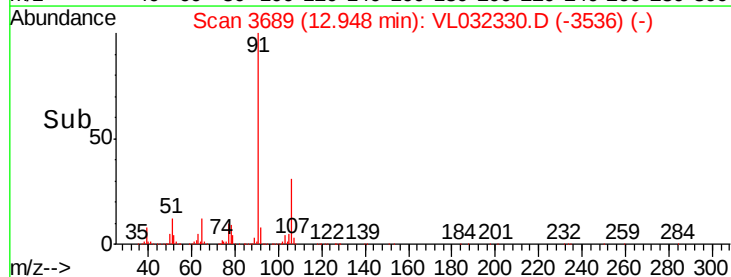
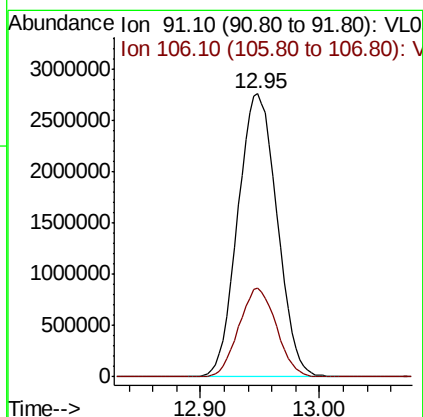
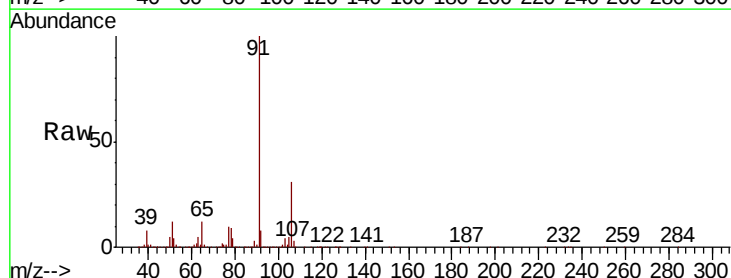
Instrument :
MSVOA_L
ClientSampleId :

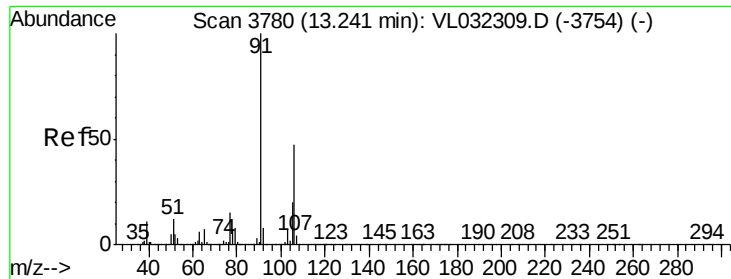
Tot Ion: 112 Resp: 3381921
Ion Ratio Lower Upper
112 100
77 72.3 56.5 84.7
114 31.6 28.4 34.7



#58
Ethyl Benzene
Concen: 8.493 ppbv
RT: 12.95 min Scan# 3689
Delta R.T. -0.01 min
Lab File: VL032330.D
Acq: 1 Aug 2018 19:11

Tgt Ion: 91 Resp: 6300836
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.4

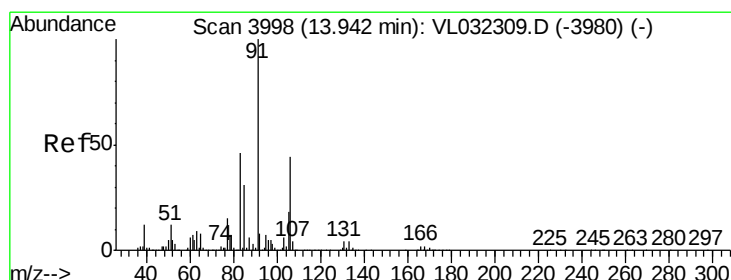
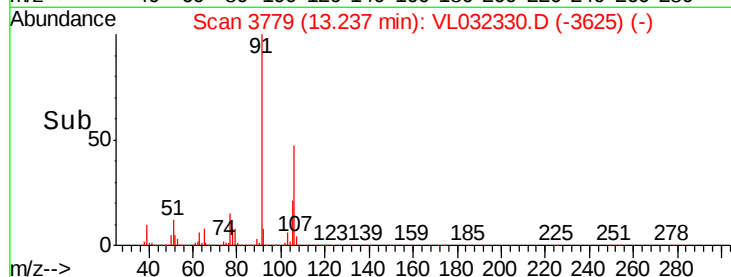
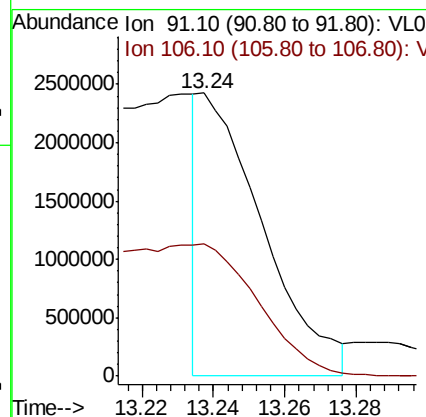
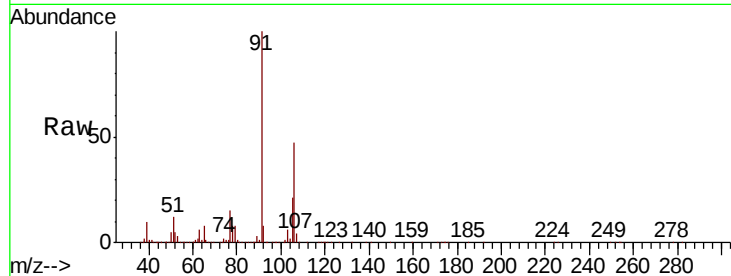




#59
m/p-Xylene
Concen: 4.691 ppbv
RT: 13.24 min Scan# 3779
Delta R.T. -0.00 min
Lab File: VL032330.D
Acq: 1 Aug 2018 19:11

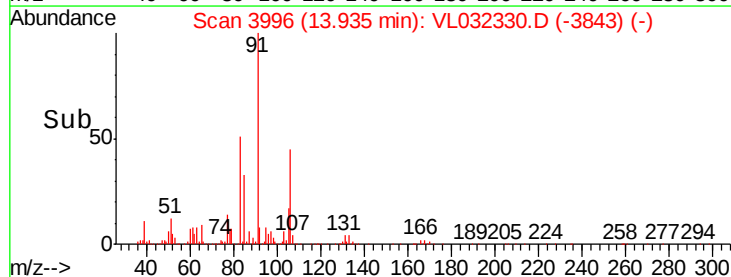
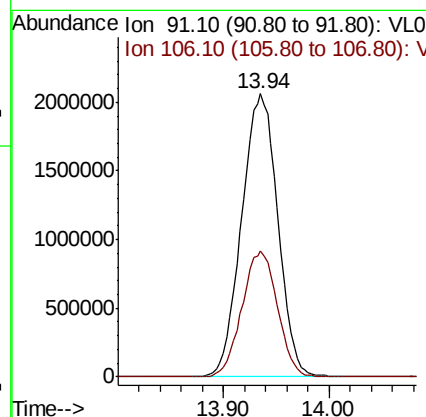
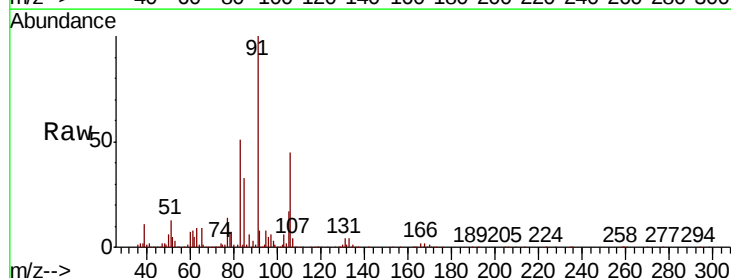
Instrument :
MSVOA_L
ClientSampled :

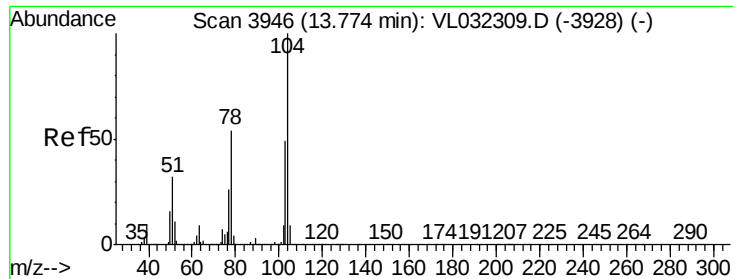
Tot Ion: 91 Resp: 2963125
Ion Ratio Lower Upper
91 100
106 154.6 36.4 54.6#



#60
o-Xylene
Concen: 7.918 ppbv
RT: 13.94 min Scan# 3996
Delta R.T. -0.01 min
Lab File: VL032330.D
Acq: 1 Aug 2018 19:11

Tgt Ion: 91 Resp: 4903736
Ion Ratio Lower Upper
91 100
106 43.7 22.4 67.0

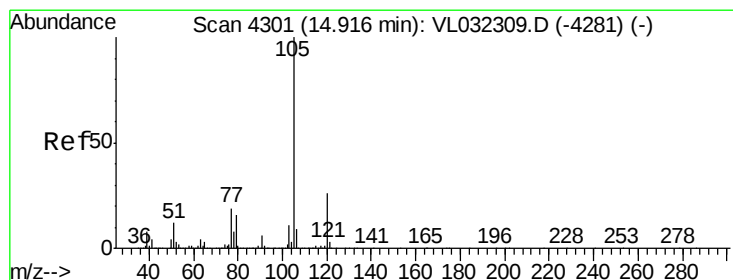
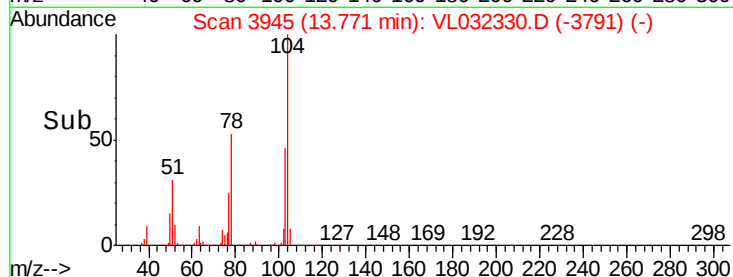
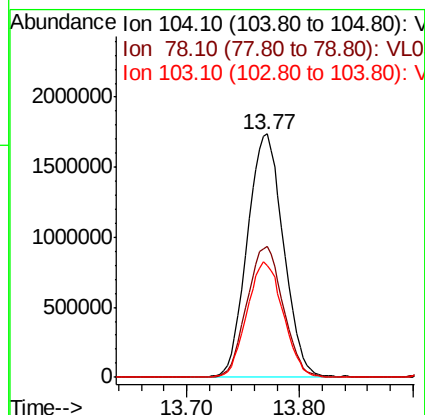
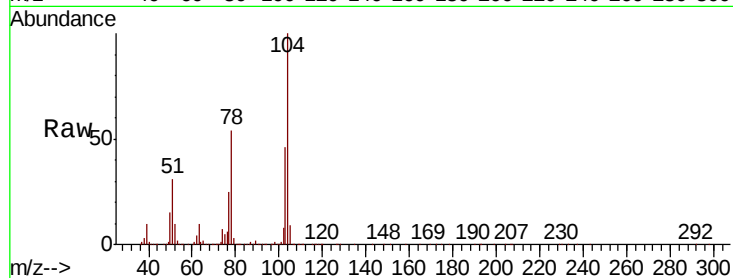




#61
Stvrene
Concen: 8.485 ppbv
RT: 13.77 min Scan# 3945
Delta R.T. -0.00 min
Lab File: VL032330.D
Acq: 1 Aug 2018 19:11

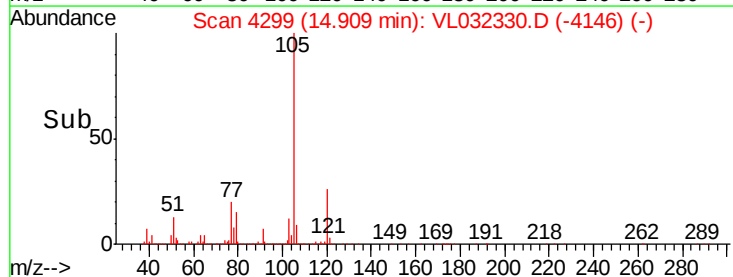
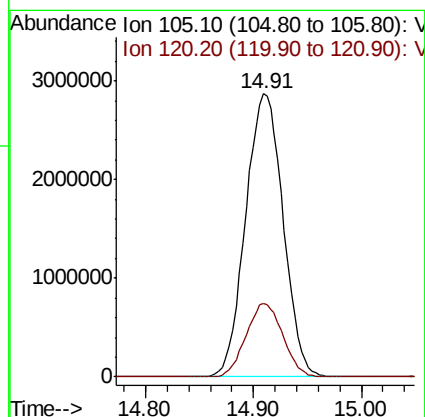
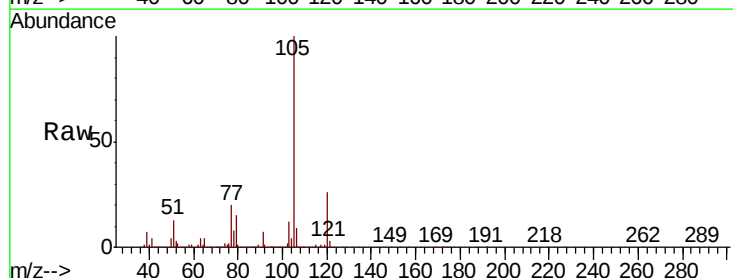
Instrument :
MSVOA_L
ClientSampleId :

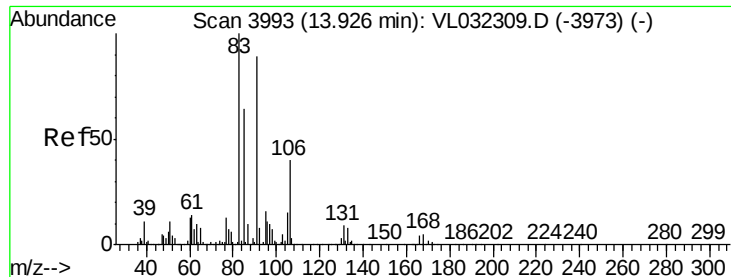
Tot Ion:104 Resp: 3867422
Ion Ratio Lower Upper
104 100
78 54.0 42.6 63.8
103 47.4 38.0 57.0



#62
Isopropylbenzene
Concen: 7.874 ppbv
RT: 14.91 min Scan# 4299
Delta R.T. -0.01 min
Lab File: VL032330.D
Acq: 1 Aug 2018 19:11

Tgt Ion:105 Resp: 6927766
Ion Ratio Lower Upper
105 100
120 25.6 20.4 30.6





#63

1,1,2,2-Tetrachloroethane

Concen: 7.330 ppbv

RT: 13.92 min Scan# 3992

Delta R.T. -0.00 min

Lab File: VL032330.D

Acq: 1 Aug 2018 19:11

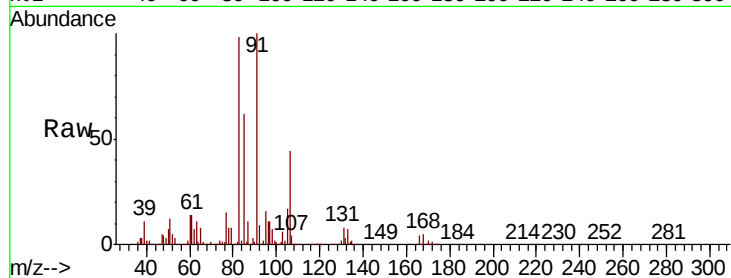
Instrument :

MSVOA_L

ClientSampled :

Tot Ion: 83 Resp: 3694217

Ion	Ratio	Lower	Upper
83	100		
131	8.3	4.3	12.8
85	64.5	32.6	97.7

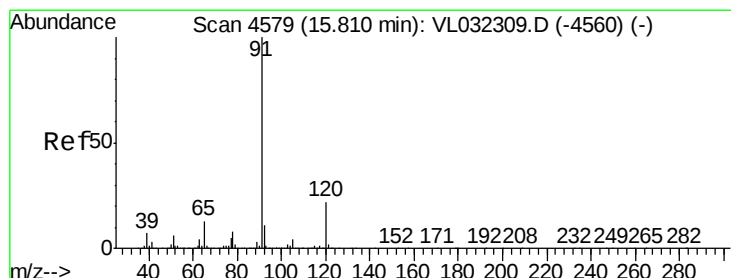
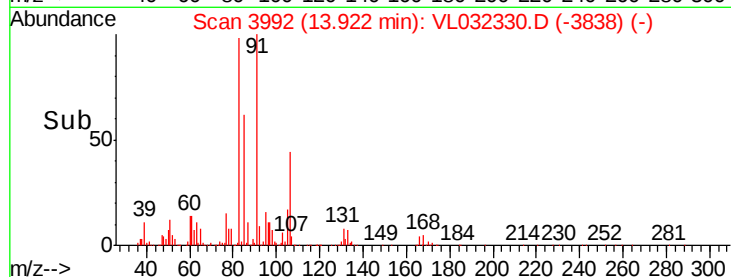
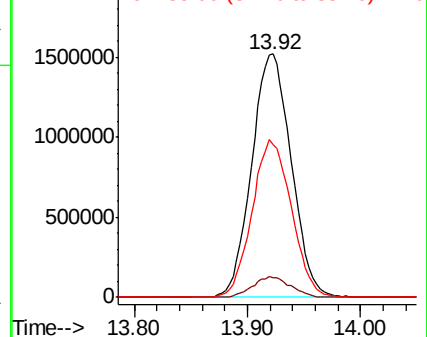


Abundance

Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 7.925 ppbv

RT: 15.81 min Scan# 4578

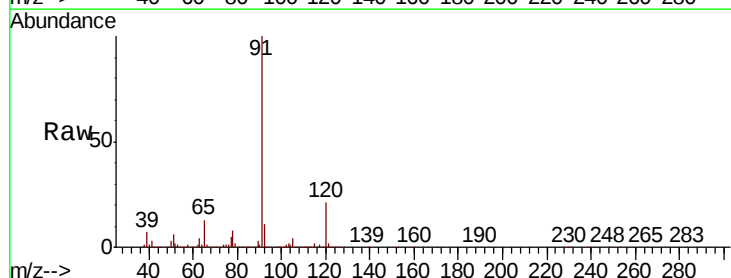
Delta R.T. -0.00 min

Lab File: VL032330.D

Acq: 1 Aug 2018 19:11

Tgt Ion:120 Resp: 1815382

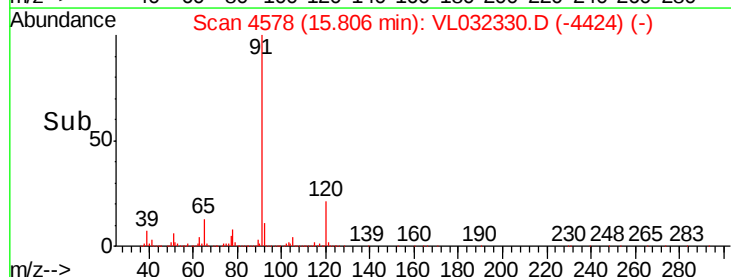
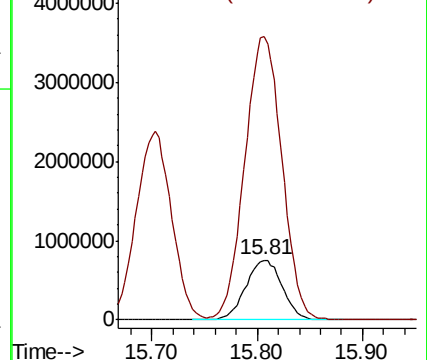
Ion	Ratio	Lower	Upper
120	100		
91	483.7	381.8	572.8

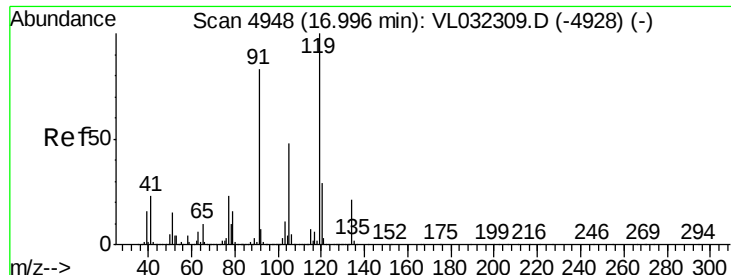


Abundance

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0





#65

tert-Butylbenzene

Concen: 7.668 ppbv

RT: 16.99 min Scan# 4946

Delta R.T. -0.01 min

Lab File: VL032330.D

Acq: 1 Aug 2018 19:11

Instrument :

MSVOA_L

ClientSampled :

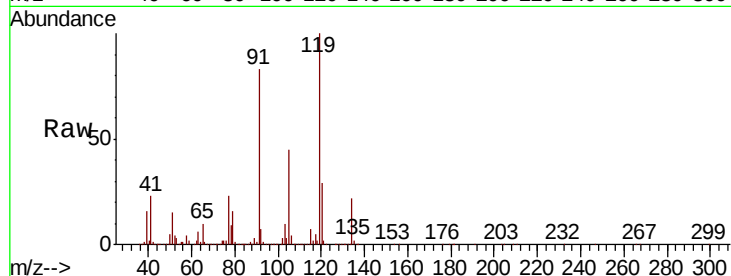
Tot Ion:119 Resp: 5699889

Ion	Ratio	Lower	Upper
119	100		
91	84.6	67.5	101.3
134	19.6	15.8	23.6

119 100

91 84.6 67.5 101.3

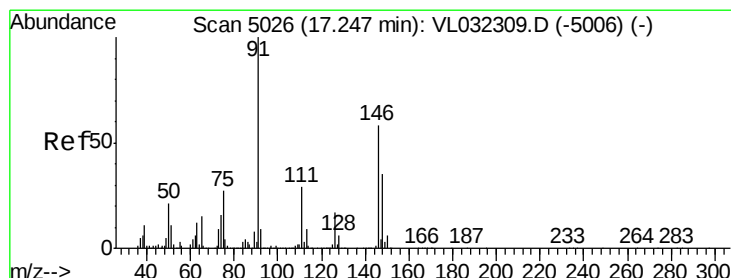
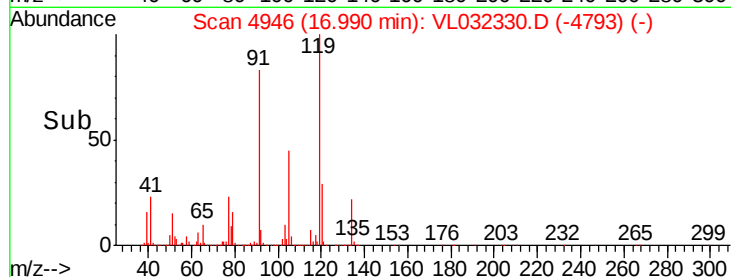
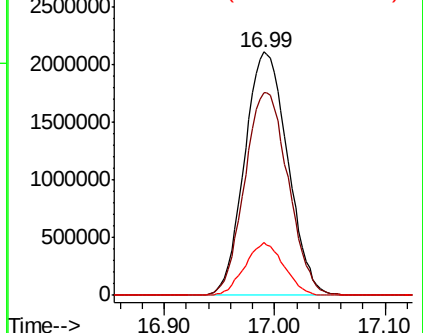
134 19.6 15.8 23.6



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: 8.203 ppbv

RT: 17.24 min Scan# 5024

Delta R.T. -0.01 min

Lab File: VL032330.D

Acq: 1 Aug 2018 19:11

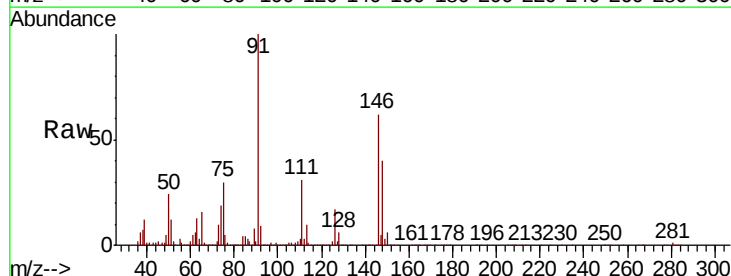
Tgt Ion: 91 Resp: 3634487

Ion	Ratio	Lower	Upper
91	100		
126	17.0	13.7	20.5
128	5.4	4.3	6.5

91 100

126 17.0 13.7 20.5

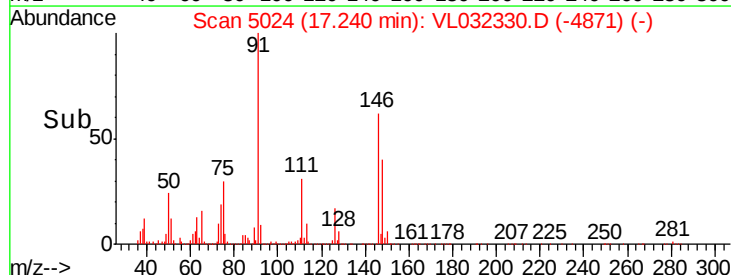
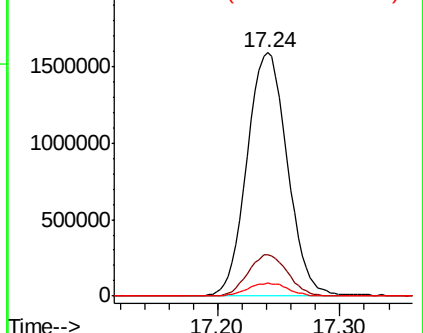
128 5.4 4.3 6.5

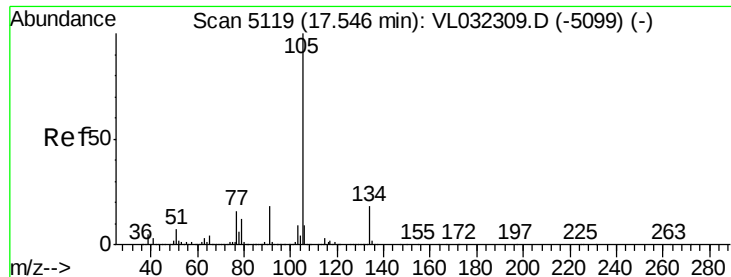


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 7.694 ppbv

RT: 17.54 min Scan# 5118

Delta R.T. -0.00 min

Lab File: VL032330.D

Acq: 1 Aug 2018 19:11

Instrument :

MSVOA_L

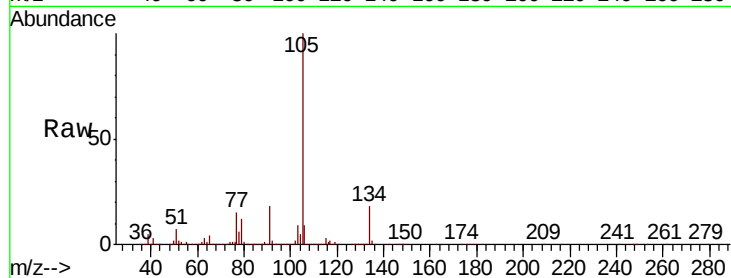
ClientSampleId :

Tot Ion:105 Resp: 8564678

Ion Ratio Lower Upper

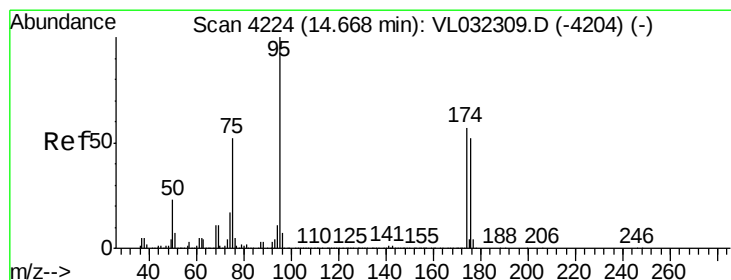
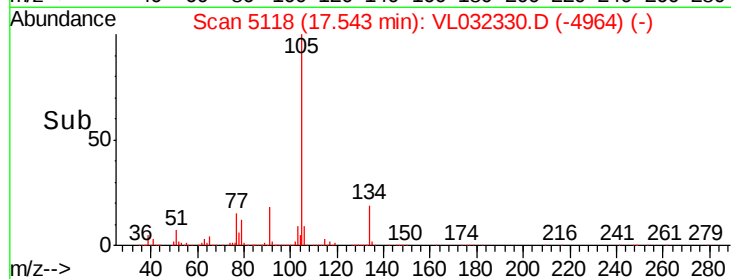
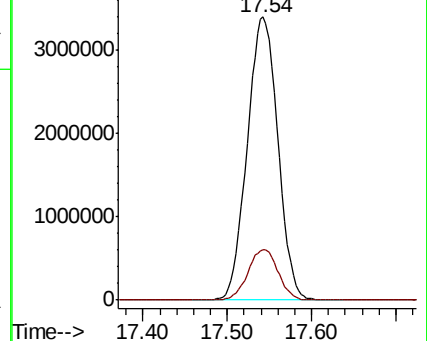
105 100

134 17.7 14.2 21.4



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: 8.266 ppbv

RT: 14.66 min Scan# 4222

Delta R.T. -0.01 min

Lab File: VL032330.D

Acq: 1 Aug 2018 19:11

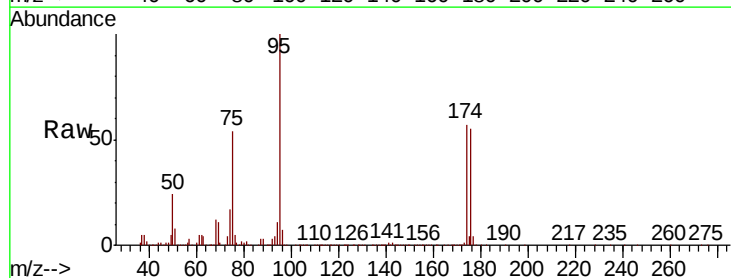
Tgt Ion: 95 Resp: 3796756

Ion Ratio Lower Upper

95 100

174 56.5 45.5 68.3

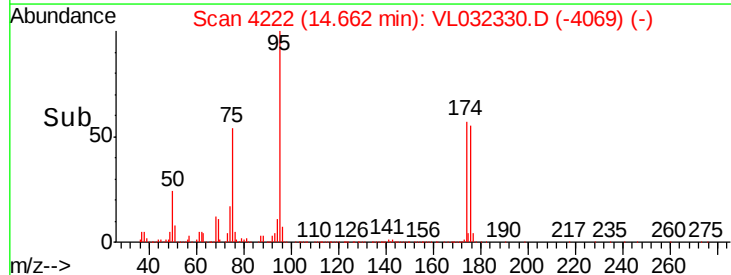
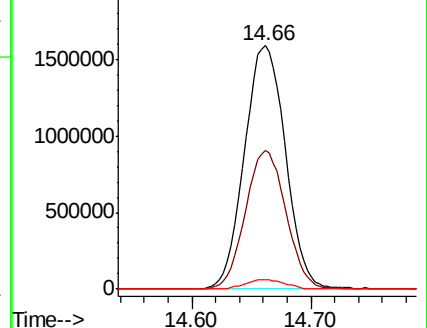
175 4.0 3.3 4.9

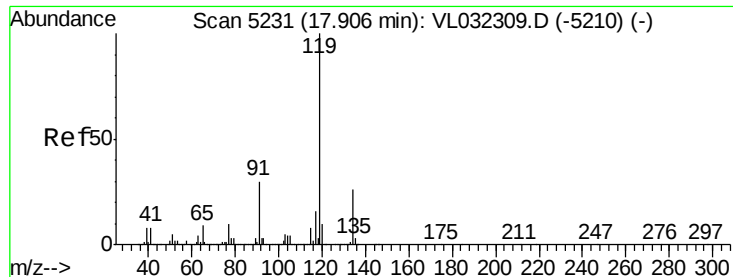


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

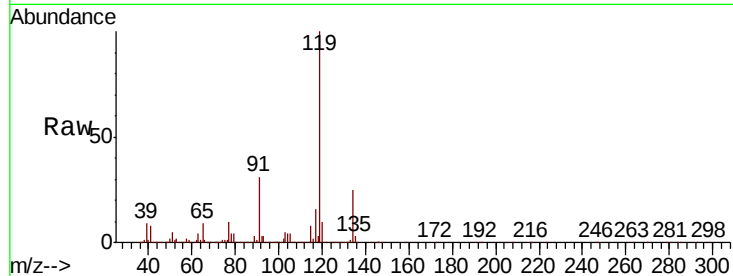




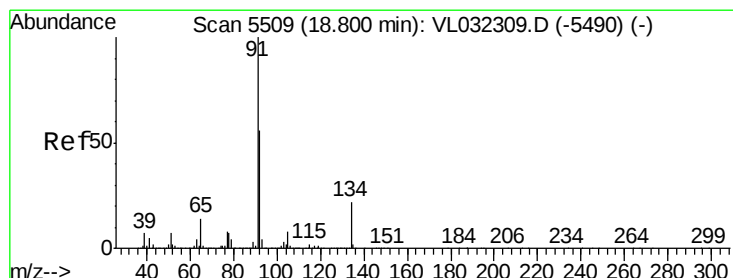
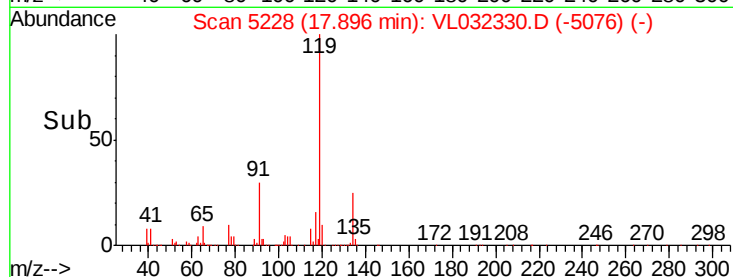
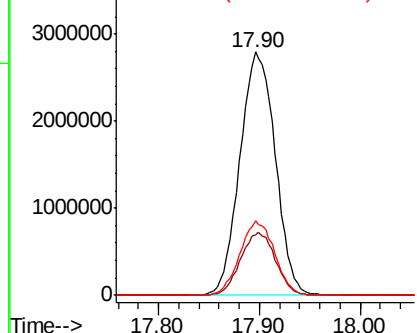
#69
 p-Isopropyltoluene
 Concen: 7.886 ppbv
 RT: 17.90 min Scan# 5228
 Delta R.T. -0.01 min
 Lab File: VL032330.D
 Acq: 1 Aug 2018 19:11

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:119 Resp: 6800963
 Ion Ratio Lower Upper
 119 100
 134 25.6 20.3 30.5
 91 29.9 23.8 35.6

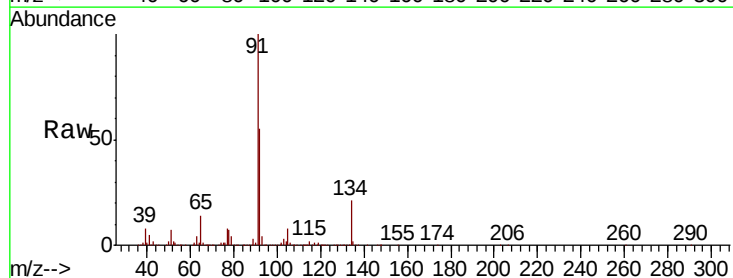


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

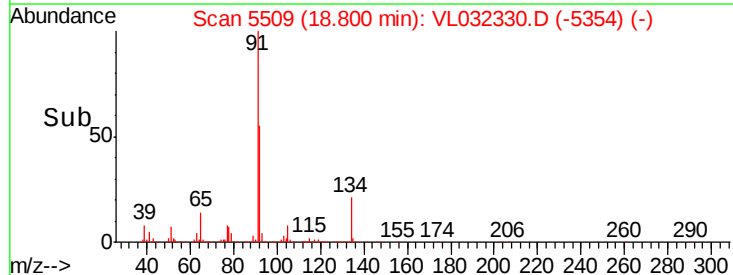
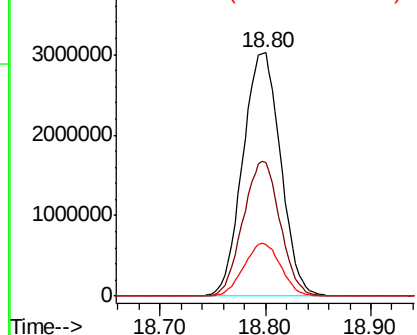


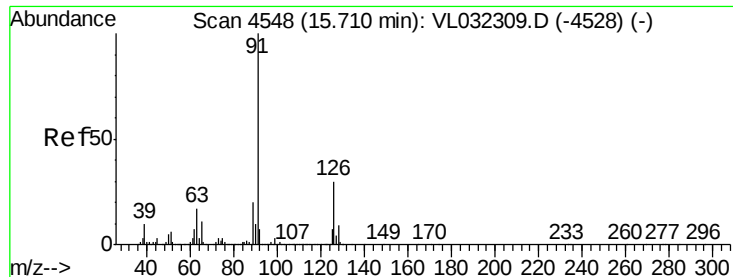
#70
 n-Butylbenzene
 Concen: 7.565 ppbv
 RT: 18.80 min Scan# 5509
 Delta R.T. -0.00 min
 Lab File: VL032330.D
 Acq: 1 Aug 2018 19:11

Tgt Ion: 91 Resp: 7532691
 Ion Ratio Lower Upper
 91 100
 92 54.3 44.2 66.4
 134 21.2 17.4 26.2



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

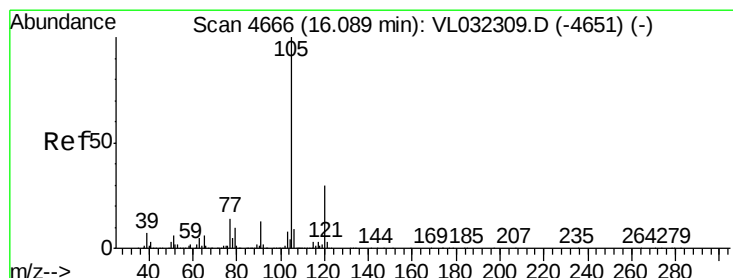
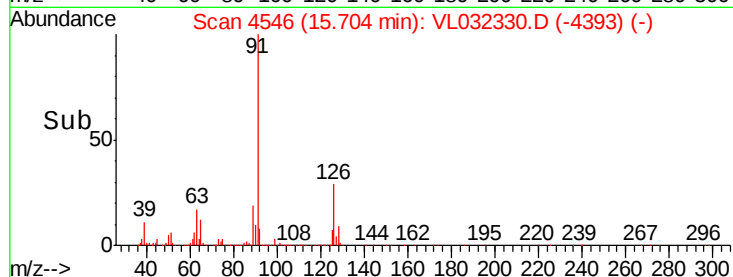
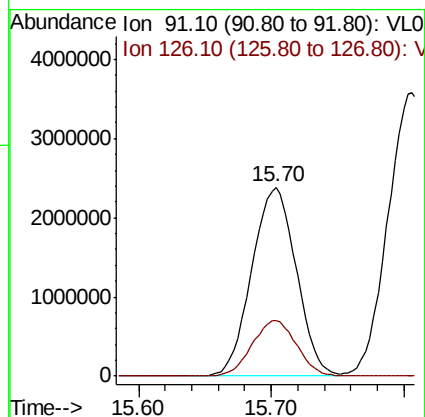
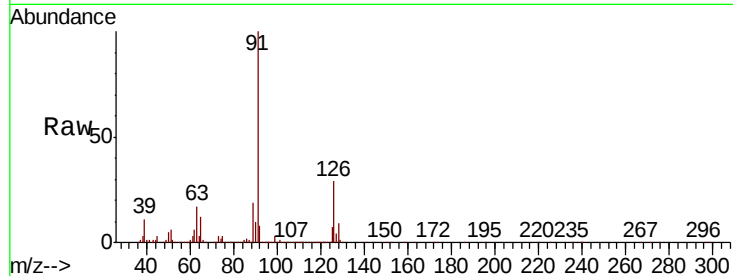




#71
2-Chlorotoluene
Concen: 8.056 ppbv
RT: 15.70 min Scan# 4546
Delta R.T. -0.01 min
Lab File: VL032330.D
Acq: 1 Aug 2018 19:11

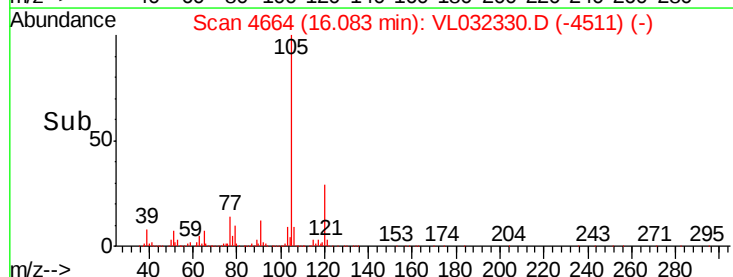
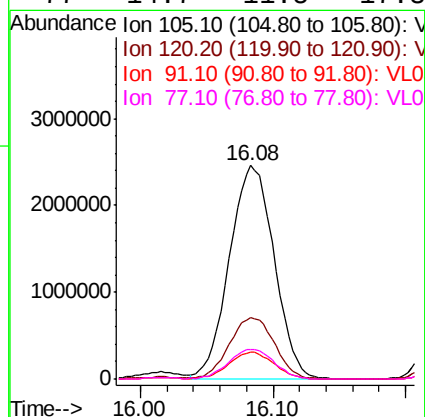
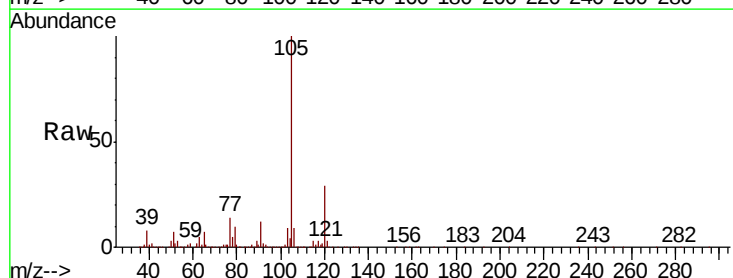
Instrument :
MSVOA_L
ClientSampleId :

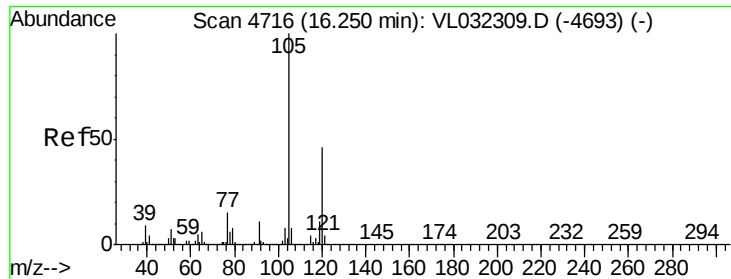
Tot Ion: 91 Resp: 5562799
Ion Ratio Lower Upper
91 100
126 29.4 11.8 47.0



#72
4-Ethyltoluene
Concen: 8.304 ppbv
RT: 16.08 min Scan# 4664
Delta R.T. -0.01 min
Lab File: VL032330.D
Acq: 1 Aug 2018 19:11

Tgt Ion: 105 Resp: 5763634
Ion Ratio Lower Upper
105 100
120 29.0 23.1 34.7
91 12.5 10.0 15.0
77 14.7 11.5 17.3

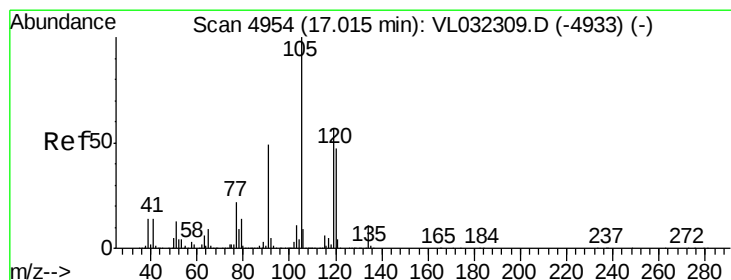
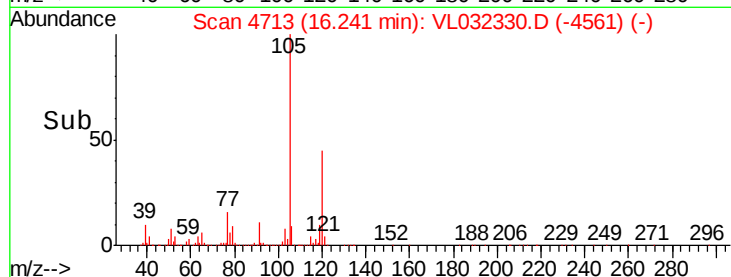
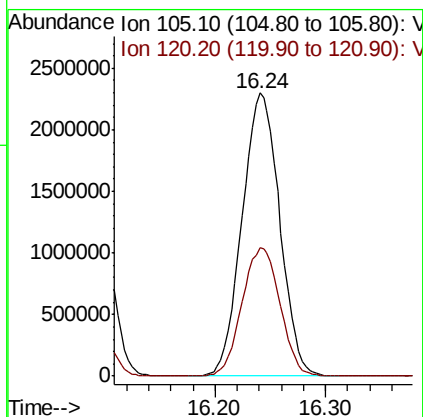
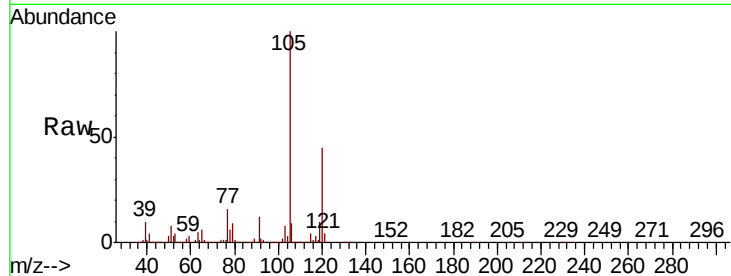




#73
 1,3,5-Trimethylbenzene
 Concen: 7.906 ppbv
 RT: 16.24 min Scan# 4713
 Delta R.T. -0.01 min
 Lab File: VL032330.D
 Acq: 1 Aug 2018 19:11

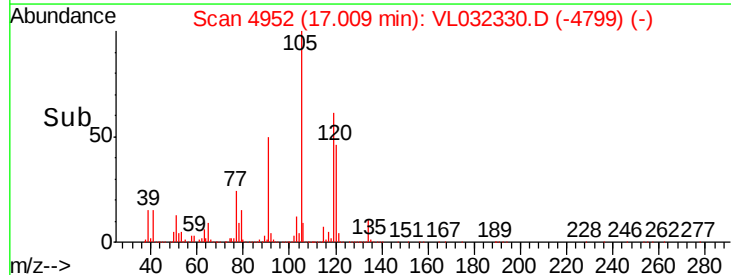
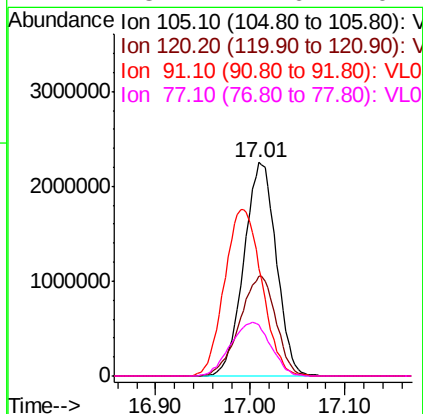
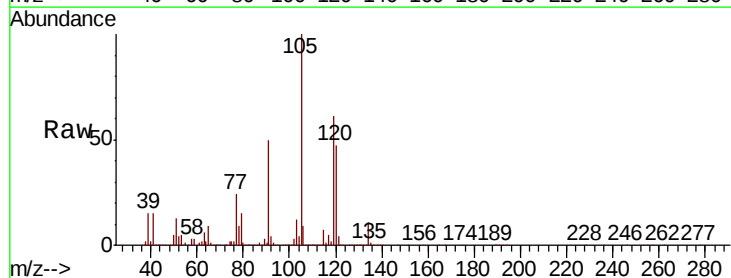
Instrument :
 MSVOA_L
 ClientSampled :

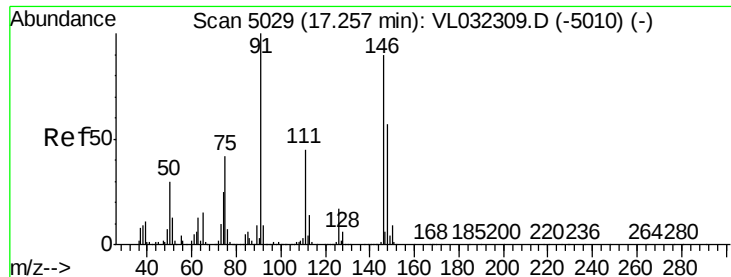
Tot Ion:105 Resp: 5401183
 Ion Ratio Lower Upper
 105 100
 120 45.4 36.5 54.7



#74
 1,2,4-Trimethylbenzene
 Concen: 7.424 ppbv
 RT: 17.01 min Scan# 4952
 Delta R.T. -0.01 min
 Lab File: VL032330.D
 Acq: 1 Aug 2018 19:11

Tgt Ion:105 Resp: 5346973
 Ion Ratio Lower Upper
 105 100
 120 46.5 37.8 56.6
 91 50.4 39.4 59.0
 77 23.7 17.6 26.4





#75

1,3-Dichlorobenzene

Concen: 7.127 ppbv

RT: 17.25 min Scan# 5028

Delta R.T. -0.00 min

Lab File: VL032330.D

Acq: 1 Aug 2018 19:11

Instrument :

MSVOA_L

ClientSampleId :

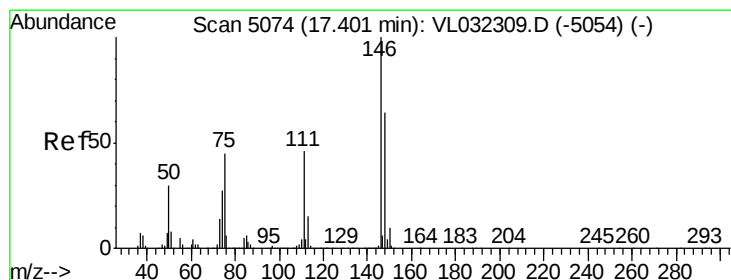
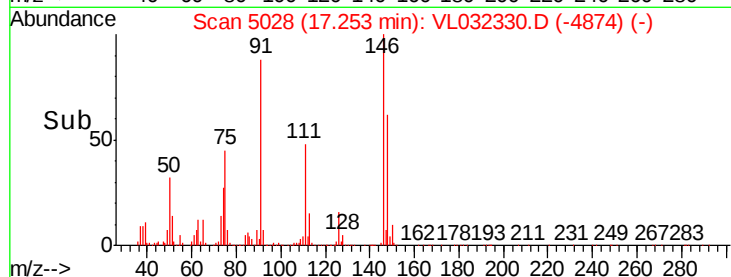
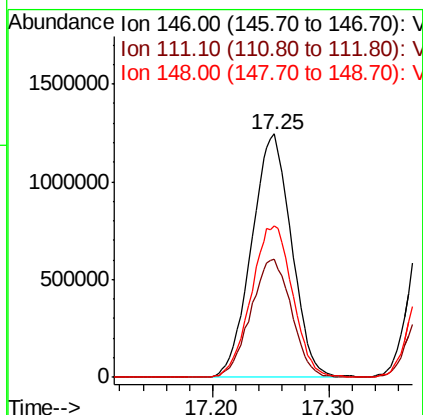
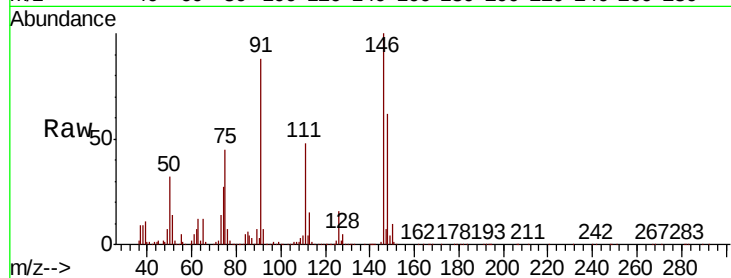
Tot Ion:146 Resp: 2972638

Ion Ratio Lower Upper

146 100

111 49.7 24.6 73.8

148 64.5 31.6 95.0



#76

1,4-Dichlorobenzene

Concen: 7.625 ppbv

RT: 17.39 min Scan# 5072

Delta R.T. -0.01 min

Lab File: VL032330.D

Acq: 1 Aug 2018 19:11

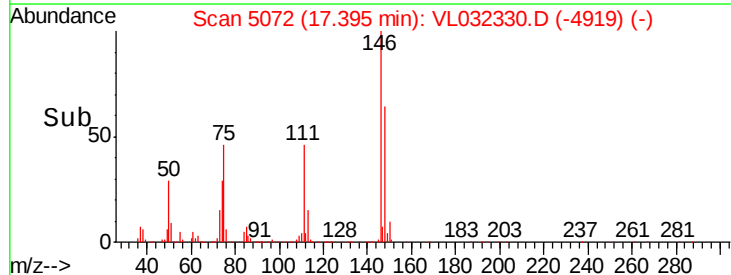
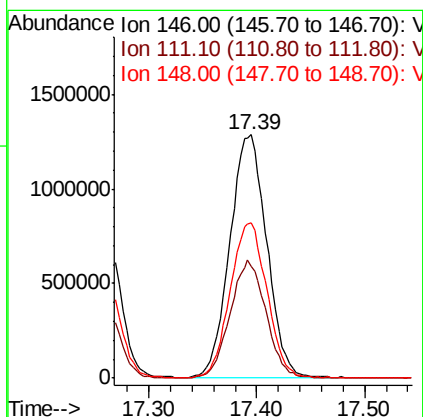
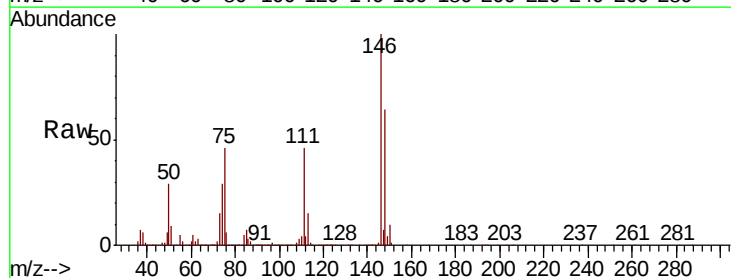
Tgt Ion:146 Resp: 3051500

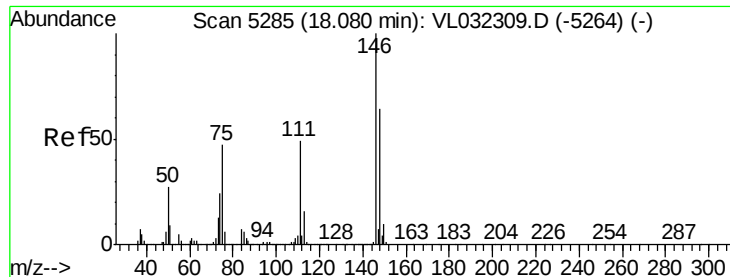
Ion Ratio Lower Upper

146 100

111 47.2 23.6 70.8

148 64.3 32.1 96.3





#77

1,2-Dichlorobenzene

Concen: 7.215 ppbv

RT: 18.07 min Scan# 5283

Delta R.T. -0.01 min

Lab File: VL032330.D

Acq: 1 Aug 2018 19:11

Instrument :

MSVOA_L

ClientSampleId :

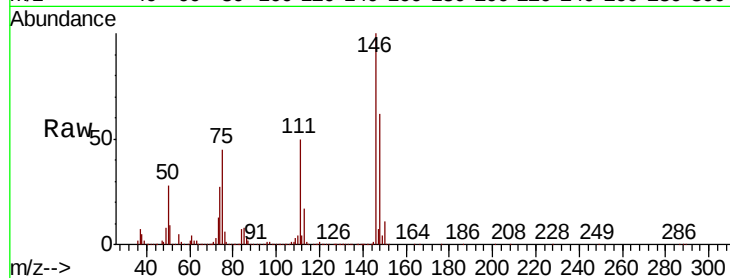
Tot Ion:146 Resp: 2956970

Ion Ratio Lower Upper

146 100

111 50.9 25.1 75.3

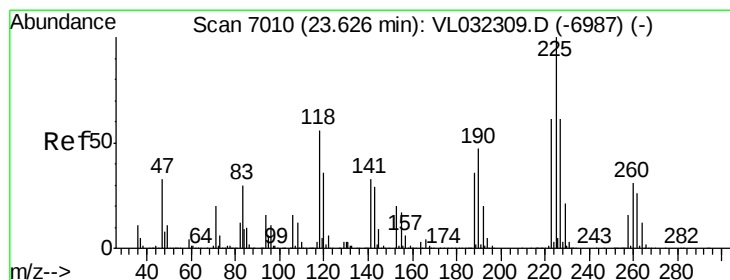
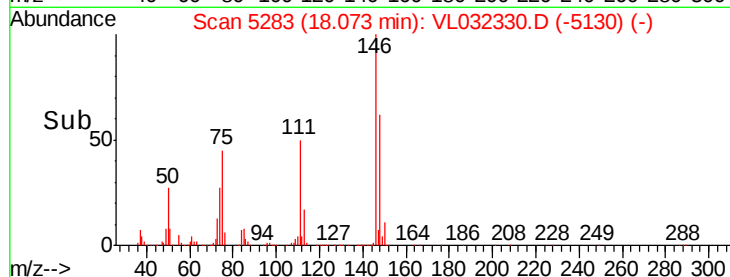
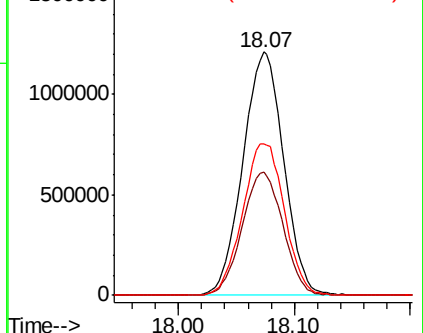
148 64.0 31.9 95.7



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



#78

Hexachloro-1,3-Butadiene

Concen: 6.021 ppbv

RT: 23.62 min Scan# 7007

Delta R.T. -0.01 min

Lab File: VL032330.D

Acq: 1 Aug 2018 19:11

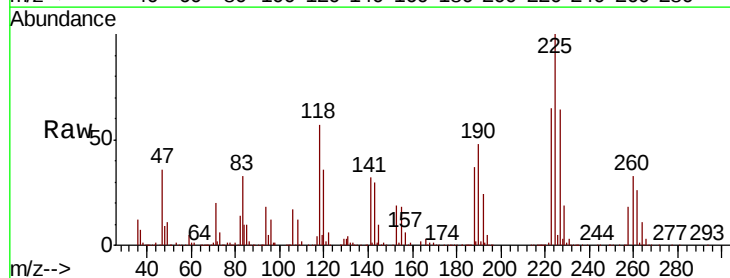
Tgt Ion:225 Resp: 867701

Ion Ratio Lower Upper

225 100

223 63.9 50.5 75.7

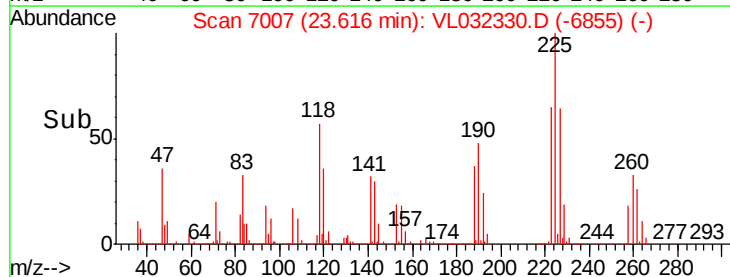
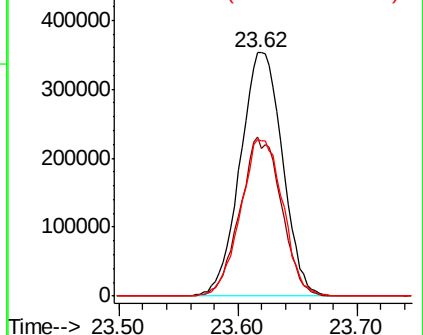
227 64.5 51.3 76.9

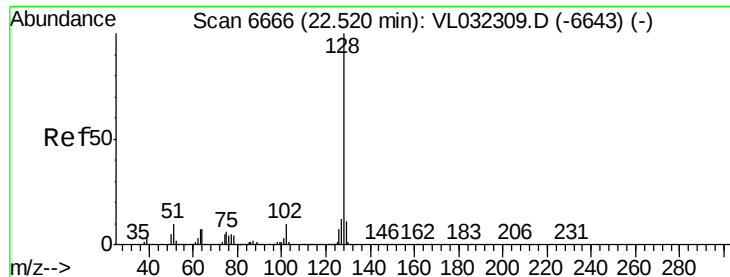


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V





#79

Naphthalene

Concen: 8.131 ppbv

RT: 22.51 min Scan# 6663

Delta R.T. -0.01 min

Lab File: VL032330.D

Acq: 1 Aug 2018 19:11

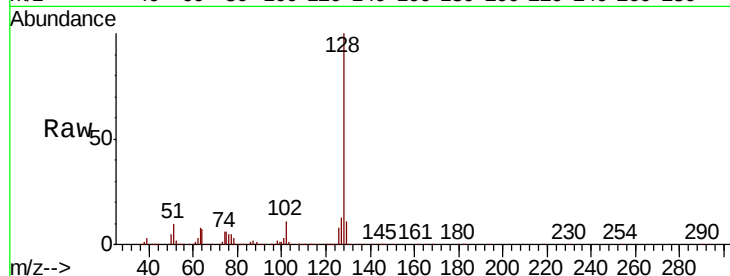
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:128 Resp: 5081984

Ion	Ratio	Lower	Upper
128	100		
127	13.2	9.9	14.9
129	11.0	8.8	13.2

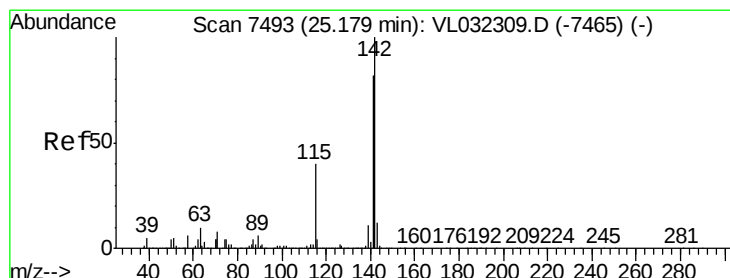
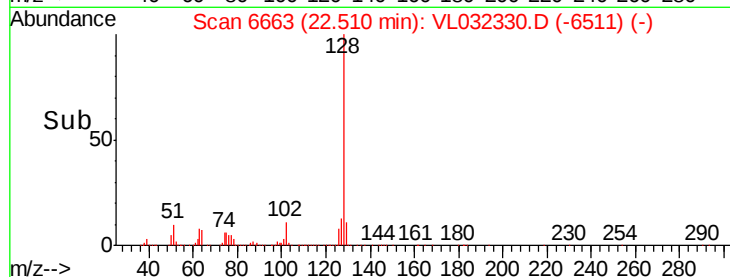
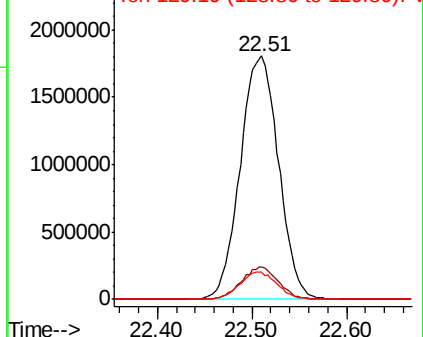


Abundance

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: 8.815 ppbv

RT: 25.18 min Scan# 7492

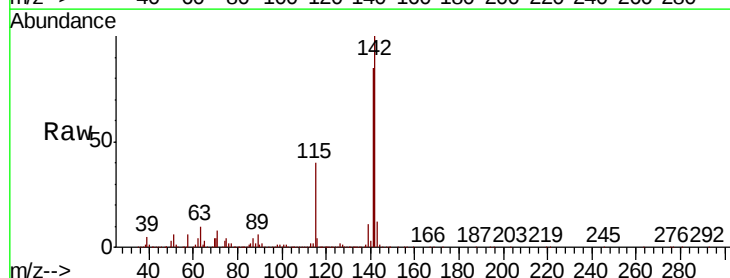
Delta R.T. -0.00 min

Lab File: VL032330.D

Acq: 1 Aug 2018 19:11

Tgt Ion:142 Resp: 2180284

Ion	Ratio	Lower	Upper
142	100		
141	84.1	66.7	100.1
115	39.1	31.1	46.7

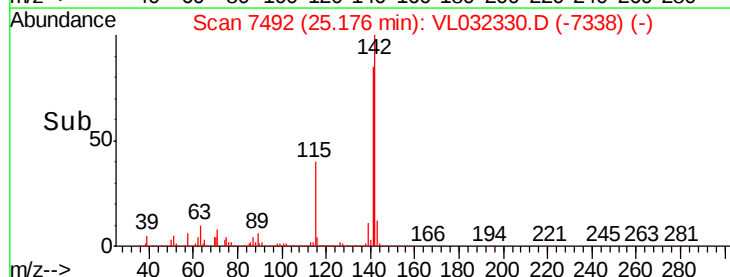
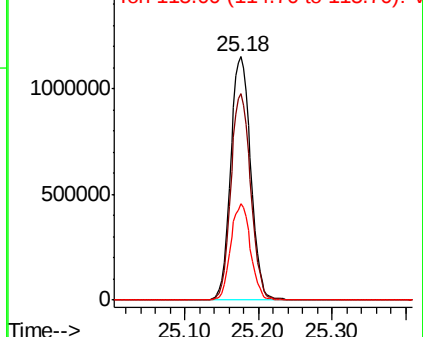


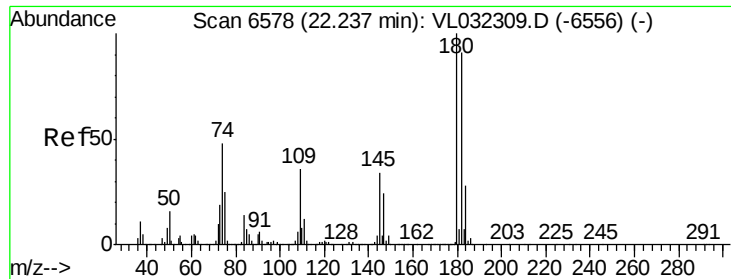
Abundance

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

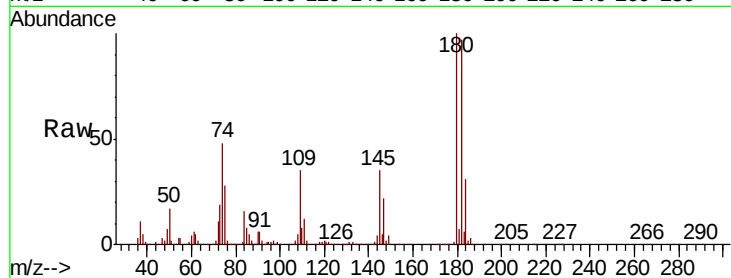




#81
 1,2,4-Trichlorobenzene
 Concen: 7.674 ppbv
 RT: 22.23 min Scan# 6576
 Delta R.T. -0.01 min
 Lab File: VL032330.D
 Acq: 1 Aug 2018 19:11

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:180 Resp: 2396853
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.2 114.2
 184 30.1 24.3 36.5



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V

