

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092418\
 Data File : VL032521.D
 Acq On : 24 Sep 2018 21:38
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL092418

Quant Time: Sep 25 05:34:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Sep 25 05:17:15 2018
 QLast Update : Tue Sep 25 05:17:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.79	49	1532132	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.33	114	3654106	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.27	117	4540627	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.61	95	2806365	8.20	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	82.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.09	85	1075423	7.589	ppbv	99
3) Chlorodifluoromethane	3.03	51	1160738	9.110	ppbv	99
4) Chloromethane	3.19	50	670778	9.029	ppbv	98
5) Vinyl Chloride	3.31	62	647485	8.625	ppbv	99
6) Bromomethane	3.53	94	391173	9.528	ppbv	100
7) Chloroethane	3.62	64	267565	10.003	ppbv	100
8) Dichlorotetrafluoroethane	3.24	85	1410232	9.108	ppbv	100
9) Propene	3.05	41	525654	9.509	ppbv	98
10) Heptane	8.28	43	2066744	10.193	ppbv	97
11) Trichlorofluoromethane	4.02	101	1561577	9.270	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.58	101	1256838	9.127	ppbv	99
13) Ethanol	3.67	45	147997	8.907	ppbv	97
14) Bromoethene	3.81	108	478570	9.794	ppbv	100
15) Acetone	3.92	43	1175680	8.742	ppbv	100
16) 1,3-Butadiene	3.38	39	542345	9.944	ppbv	98
17) tert-Butyl alcohol	4.38	59	143417	8.486	ppbv #	100
18) 1,1-Dichloroethene	4.37	96	616728	9.563	ppbv	99
19) Isopropyl Alcohol	4.04	45	917240	9.792	ppbv	99
20) Methylene Chloride	4.43	84	540902	8.306	ppbv	98
21) Allyl Chloride	4.50	41	1064093	9.681	ppbv	99
22) trans-1,2-Dichloroethene	4.98	96	587296	9.663	ppbv	98
23) Vinyl Acetate	5.18	43	2438331	10.260	ppbv	99
24) 1,1-Dichloroethane	5.12	63	1828718	9.241	ppbv	99
25) Ethyl Acetate	5.80	43	3068020	9.402	ppbv	100
26) Hexane	5.80	57	1414778	9.598	ppbv	99
27) Carbon Disulfide	4.64	76	1599996	10.097	ppbv	98
28) Methyl tert-Butyl Ether	5.14	73	1849990	10.075	ppbv	99
29) Chloroform	5.88	83	2114653	9.350	ppbv	98
30) Cyclohexane	7.28	84	1264364	10.534	ppbv	100
31) cis-1,2-Dichloroethene	5.67	61	1428275	10.174	ppbv	100
32) 1,1,1-Trichloroethane	6.65	97	2015490	8.362	ppbv	99
34) 2-Butanone	5.35	43	2074496	9.533	ppbv	100
35) Carbon Tetrachloride	7.16	117	2273474	8.954	ppbv	100
36) Benzene	7.04	78	2814650	9.531	ppbv	98
37) 1,2-Dichloroethane	6.44	62	1646615	9.252	ppbv	99
38) Trichloroethene	7.99	130	1139177	10.078	ppbv	97
39) 1,2-Dichloropropane	7.77	63	1249892	9.392	ppbv	100
40) 1,4-Dioxane	7.99	88	395586	9.695	ppbv	93
41) Tetrahydrofuran	6.17	42	1212619	10.257	ppbv	98
42) Bromodichloromethane	7.95	83	2567227	9.628	ppbv	98
43) Methyl Methacrylate	8.17	69	1304416	10.574	ppbv	99

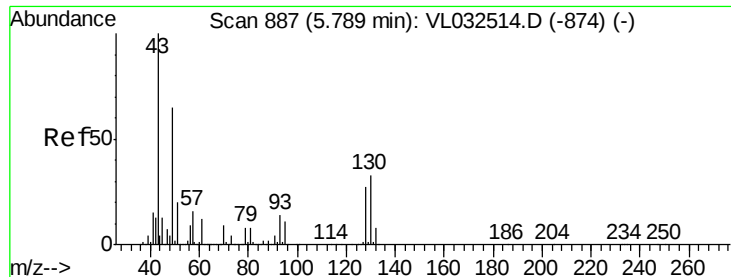
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092418\
 Data File : VL032521.D
 Acq On : 24 Sep 2018 21:38
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL092418

Quant Time: Sep 25 05:34:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Sep 25 05:17:15 2018
 QLast Update : Tue Sep 25 05:17:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	8.02	57	5526730	9.576	ppbv	100
45) t-1,3-Dichloropropene	9.45	75	1807619	11.779	ppbv	99
46) cis-1,3-Dichloropropene	8.87	75	1735249	9.641	ppbv	99
47) 1,1,2-Trichloroethane	9.65	97	1391736	9.416	ppbv	98
48) Dibromochloromethane	10.49	129	2281610	9.817	ppbv	100
49) Bromoform	13.24	173	1758805	9.904	ppbv	100
50) 4-Methyl-2-Pentanone	8.90	43	2940828	8.598	ppbv	99
51) 2-Hexanone	10.30	43	2983735	10.548	ppbv	99
52) Tetrachloroethene	11.41	164	973482	9.468	ppbv	97
53) Toluene	9.98	91	3860129	10.727	ppbv	99
54) 1,2-Dibromoethane	10.80	107	2086987	9.927	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.32	131	1526693	7.480	ppbv #	59
57) Chlorobenzene	12.34	112	2708165	7.404	ppbv	99
58) Ethyl Benzene	12.90	91	4797383	8.710	ppbv	98
59) m/p-Xylene	13.18	91	3930400	8.020	ppbv #	30
60) o-Xylene	13.88	91	3870812	8.113	ppbv	99
61) Styrene	13.72	104	2898096	9.286	ppbv	99
62) Isopropylbenzene	14.86	105	5469858	8.107	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.87	83	2958641	6.980	ppbv	100
64) n-propylbenzene	15.76	120	1419911	8.191	ppbv	98
65) tert-Butylbenzene	16.94	119	4610418	7.972	ppbv	99
66) Benzyl Chloride	17.19	91	2922374	8.768	ppbv	100
67) sec-Butylbenzene	17.49	105	6825555	7.938	ppbv	99
69) p-Isopropyltoluene	17.85	119	5477656	8.248	ppbv	100
70) n-Butylbenzene	18.75	91	6014014	8.290	ppbv	100
71) 2-Chlorotoluene	15.65	91	4296224	8.360	ppbv	100
72) 4-Ethyltoluene	16.04	105	4532128	8.752	ppbv	99
73) 1,3,5-Trimethylbenzene	16.19	105	4298655	8.541	ppbv	97
74) 1,2,4-Trimethylbenzene	16.96	105	4332940	7.996	ppbv	95
75) 1,3-Dichlorobenzene	17.20	146	2444856	7.312	ppbv	99
76) 1,4-Dichlorobenzene	17.34	146	2440631	7.972	ppbv	100
77) 1,2-Dichlorobenzene	18.02	146	2402146	7.639	ppbv	100
78) Hexachloro-1,3-Butadiene	23.57	225	834398	7.070	ppbv	99
79) Naphthalene	22.45	128	4002994	10.242	ppbv	100
80) Naphthalene,2-methyl-	25.14	142	1483824	16.172	ppbv	99
81) 1,2,4-Trichlorobenzene	22.17	180	1908281	9.526	ppbv	99

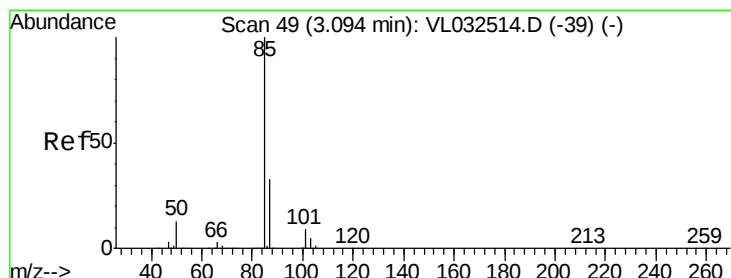
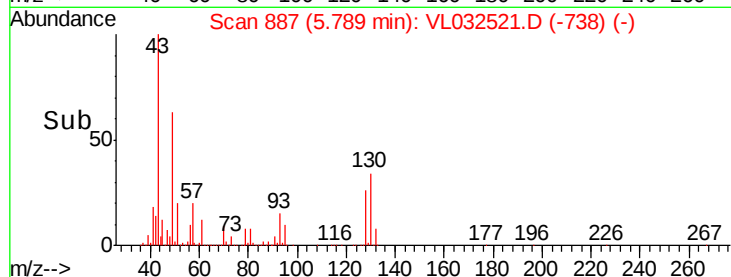
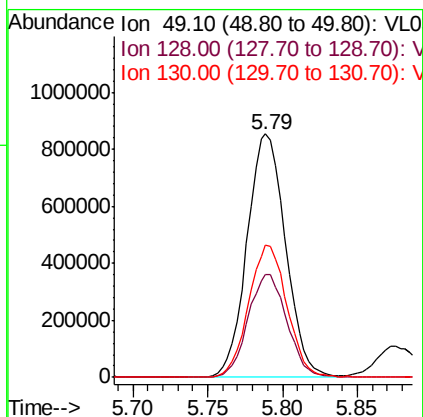
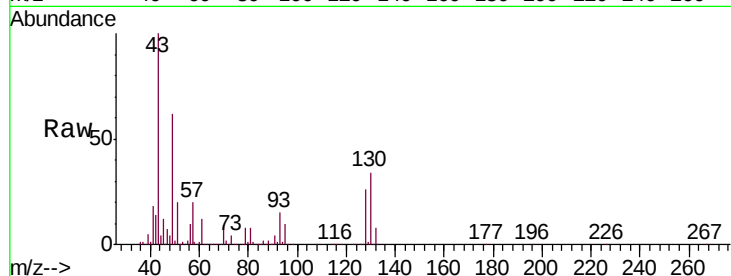
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.79 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: VL032521.D
 Acq: 24 Sep 2018 21:38

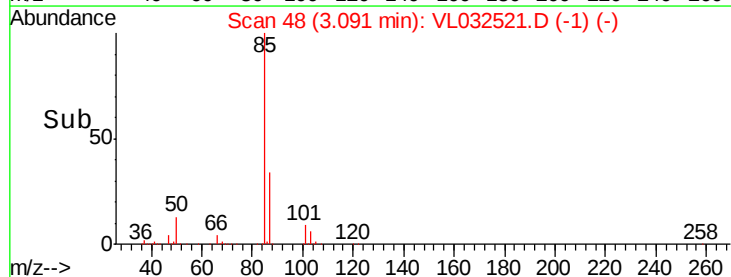
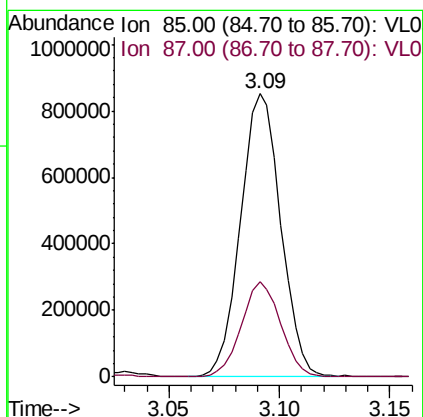
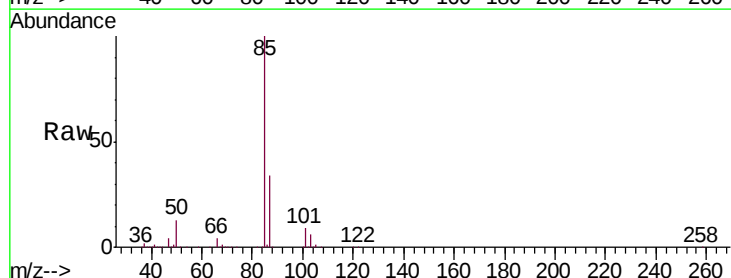
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL092418

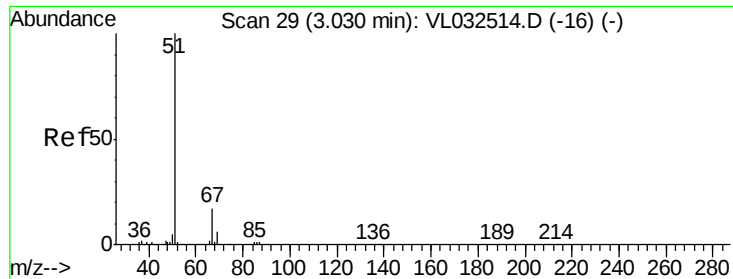
Tgt Ion: 49 Resp: 1532132
 Ion Ratio Lower Upper
 49 100
 128 42.8 20.7 62.1
 130 54.4 26.6 79.7



#2
 Dichlorodifluoromethane
 Concen: 7.589 ppbv
 RT: 3.09 min Scan# 48
 Delta R.T. -0.02 min
 Lab File: VL032521.D
 Acq: 24 Sep 2018 21:38

Tgt Ion: 85 Resp: 1075423
 Ion Ratio Lower Upper
 85 100
 87 33.6 26.2 39.4

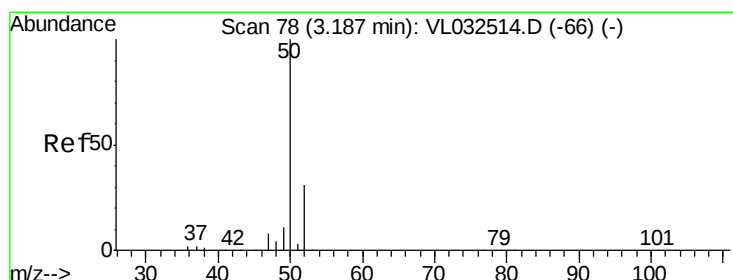
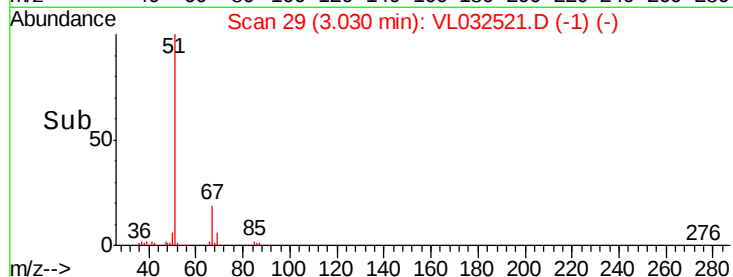
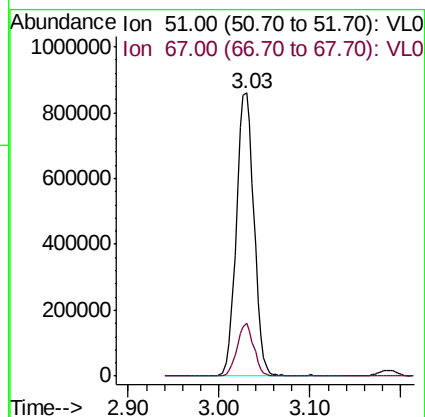
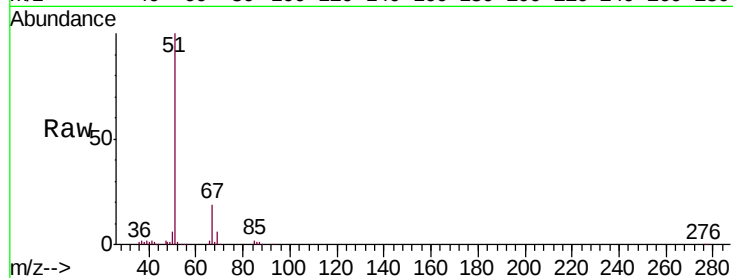




#3
 Chlorodifluoromethane
 Concen: 9.110 ppbv
 RT: 3.03 min Scan# 29
 Delta R.T. -0.01 min
 Lab File: VL032521.D
 Acq: 24 Sep 2018 21:38

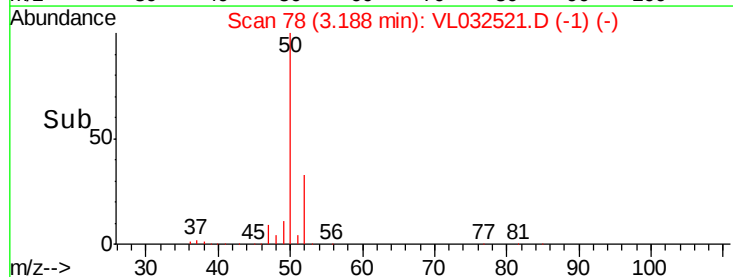
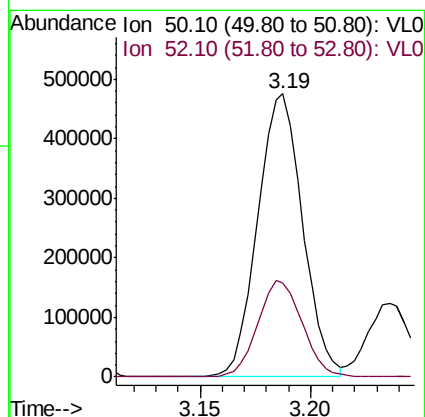
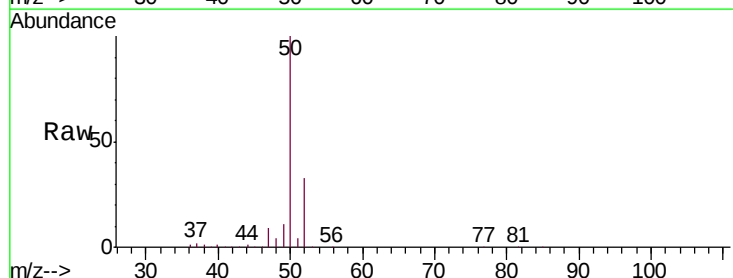
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL092418

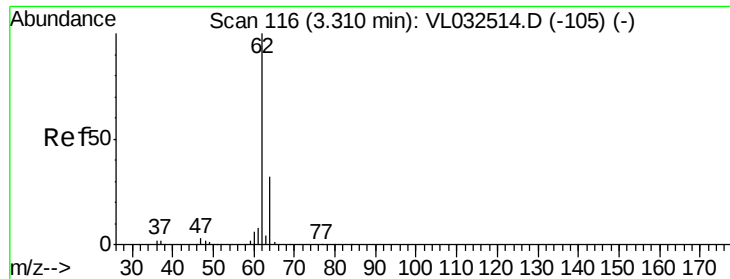
Tgt Ion: 51 Resp: 1160738
 Ion Ratio Lower Upper
 51 100
 67 17.6 13.8 20.8



#4
 Chloromethane
 Concen: 9.029 ppbv
 RT: 3.19 min Scan# 78
 Delta R.T. -0.01 min
 Lab File: VL032521.D
 Acq: 24 Sep 2018 21:38

Tgt Ion: 50 Resp: 670778
 Ion Ratio Lower Upper
 50 100
 52 33.2 25.6 38.4





#5

Vinyl Chloride

Concen: 8.625 ppbv

RT: 3.31 min Scan# 115

Delta R.T. -0.02 min

Lab File: VL032521.D

Acq: 24 Sep 2018 21:38

Instrument :

MSVOA_L

ClientSampleId :

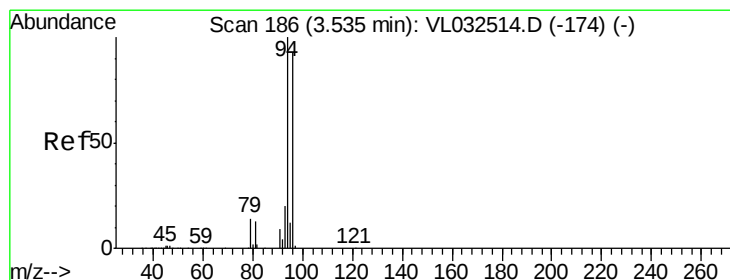
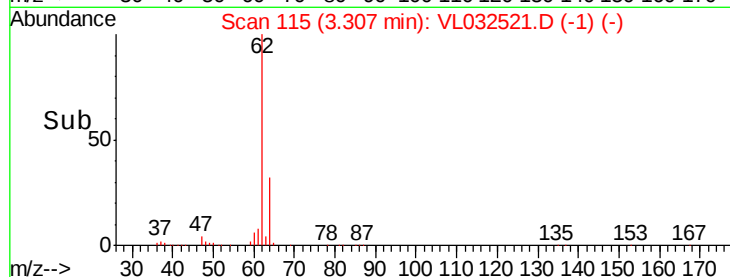
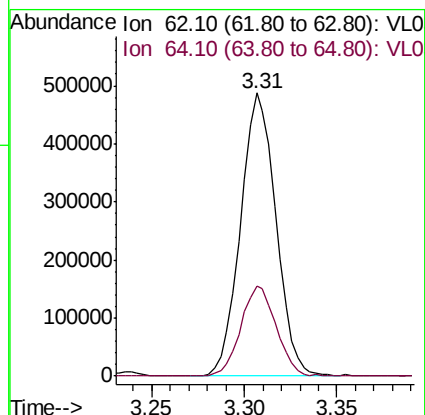
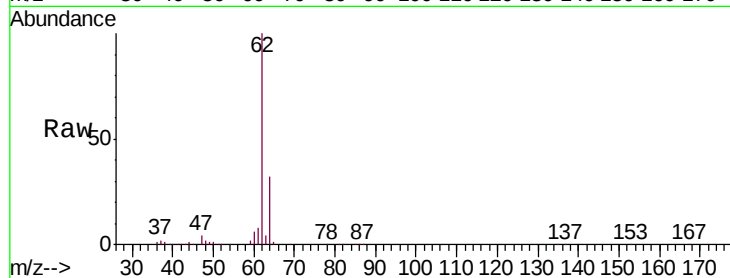
ICVVL092418

Tgt Ion: 62 Resp: 647485

Ion Ratio Lower Upper

62 100

64 31.9 25.0 37.6



#6

Bromomethane

Concen: 9.528 ppbv

RT: 3.53 min Scan# 185

Delta R.T. -0.02 min

Lab File: VL032521.D

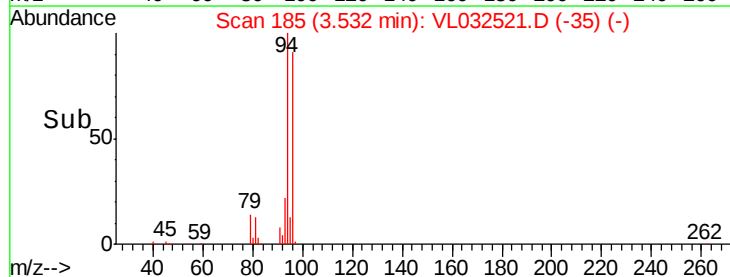
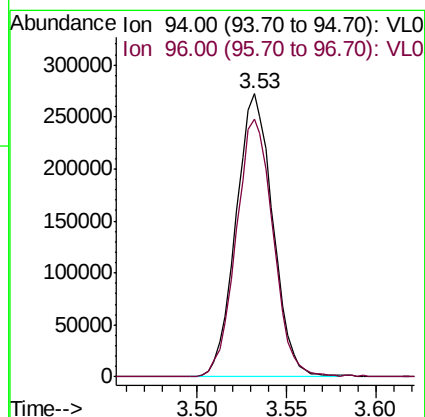
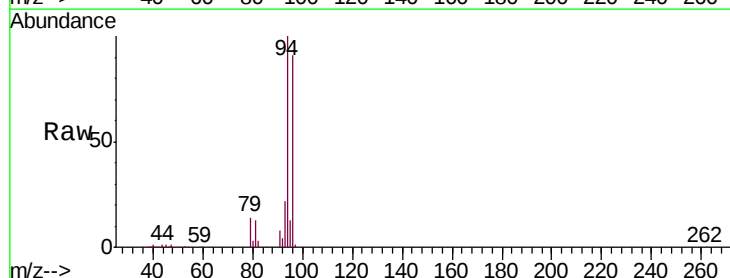
Acq: 24 Sep 2018 21:38

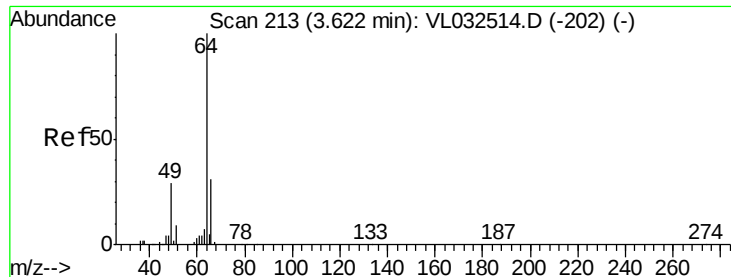
Tgt Ion: 94 Resp: 391173

Ion Ratio Lower Upper

94 100

96 90.9 72.8 109.2





#7

Chloroethane

Concen: 10.003 ppbv

RT: 3.62 min Scan# 212

Delta R.T. -0.02 min

Lab File: VL032521.D

Acq: 24 Sep 2018 21:38

Instrument :

MSVOA_L

ClientSampleId :

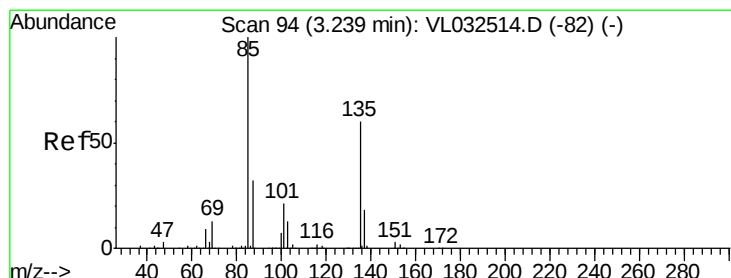
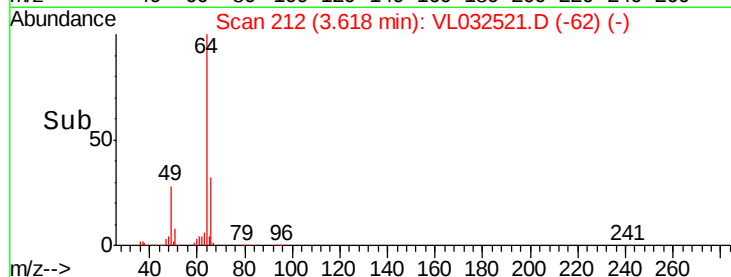
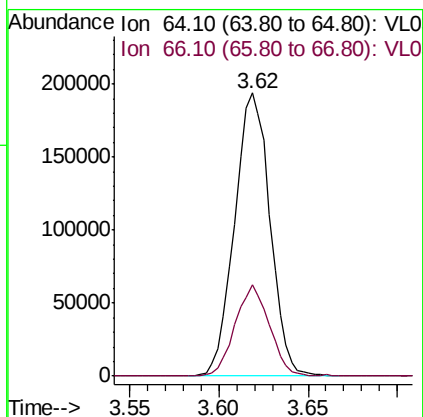
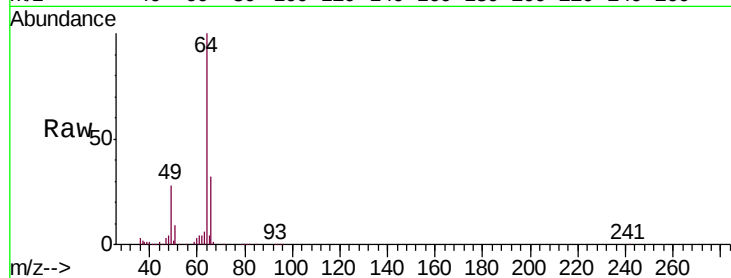
ICVVL092418

Tgt Ion: 64 Resp: 267565

Ion Ratio Lower Upper

64 100

66 32.1 25.8 38.6



#8

Dichlorotetrafluoroethane

Concen: 9.108 ppbv

RT: 3.24 min Scan# 93

Delta R.T. -0.02 min

Lab File: VL032521.D

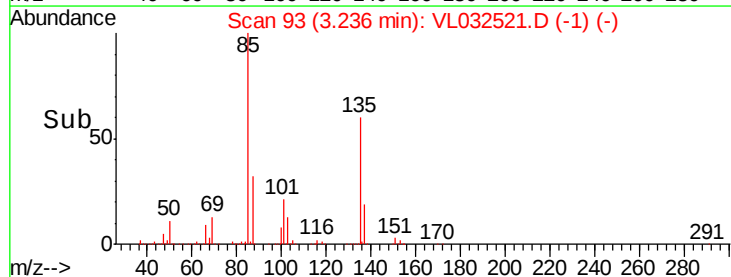
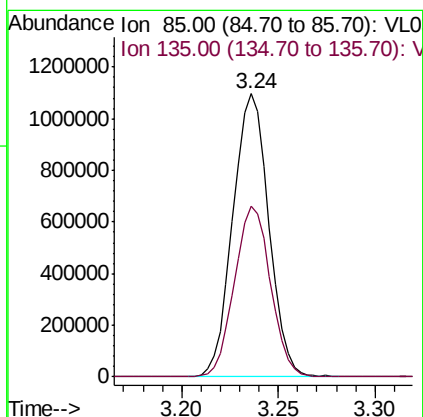
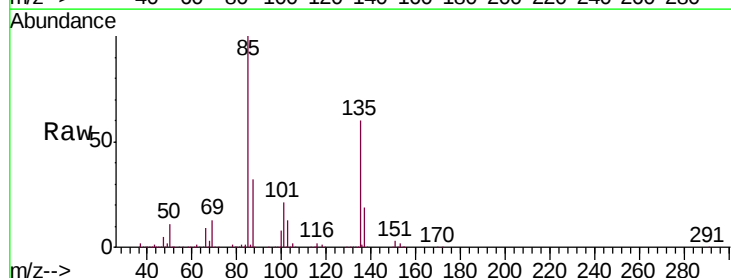
Acq: 24 Sep 2018 21:38

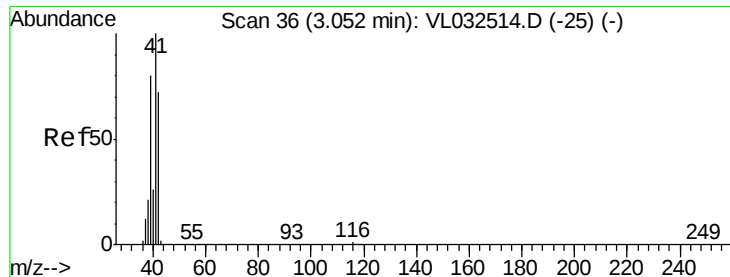
Tgt Ion: 85 Resp: 1410232

Ion Ratio Lower Upper

85 100

135 60.9 48.6 72.8





#9

Propene

Concen: 9.509 ppbv

RT: 3.05 min Scan# 36

Delta R.T. -0.01 min

Lab File: VL032521.D

Acq: 24 Sep 2018 21:38

Instrument :

MSVOA_L

ClientSampleId :

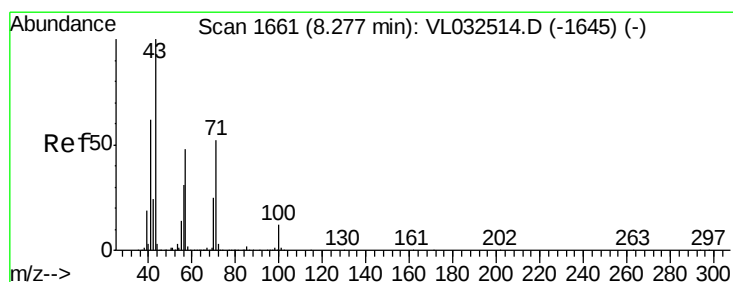
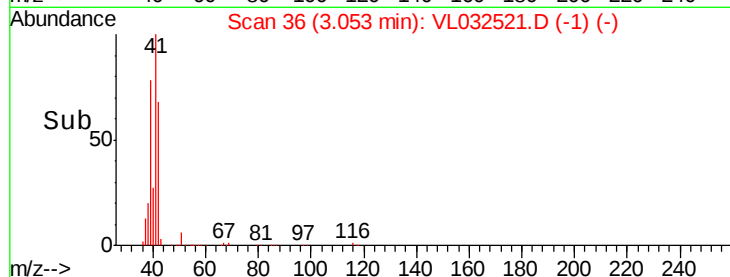
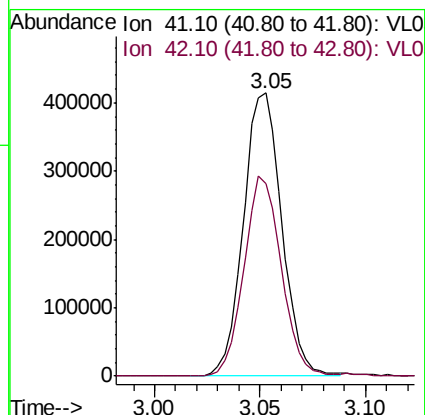
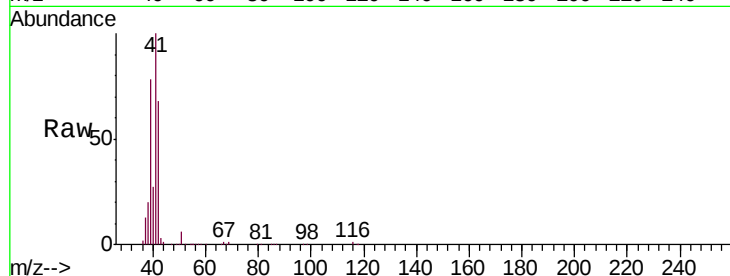
ICVVL092418

Tgt Ion: 41 Resp: 525654

Ion Ratio Lower Upper

41 100

42 69.4 56.6 84.8



#10

Heptane

Concen: 10.193 ppbv

RT: 8.28 min Scan# 1661

Delta R.T. -0.02 min

Lab File: VL032521.D

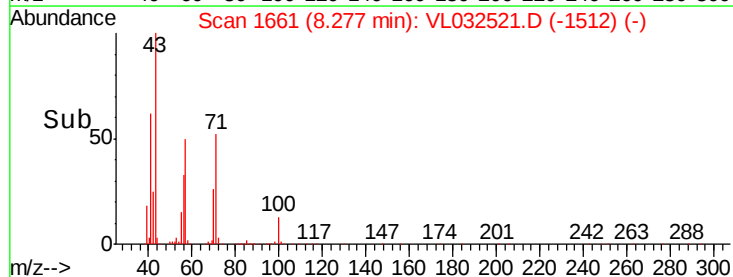
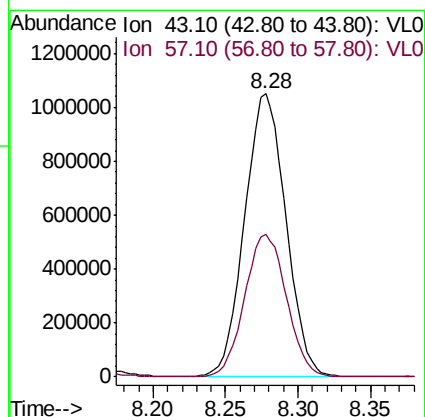
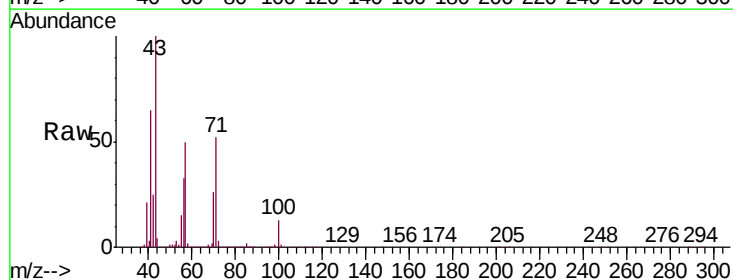
Acq: 24 Sep 2018 21:38

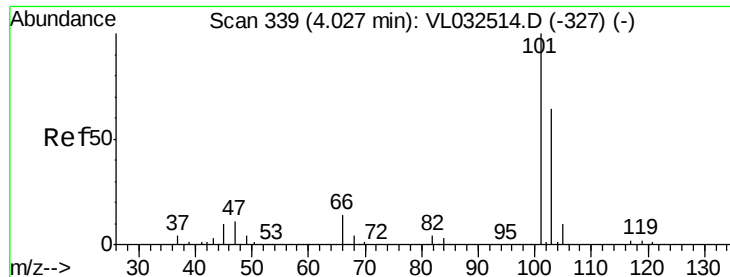
Tgt Ion: 43 Resp: 2066744

Ion Ratio Lower Upper

43 100

57 51.3 39.6 59.4

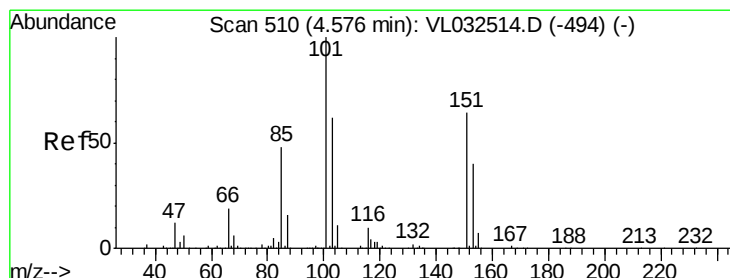
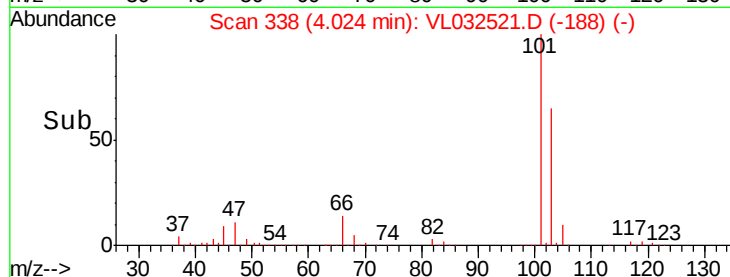
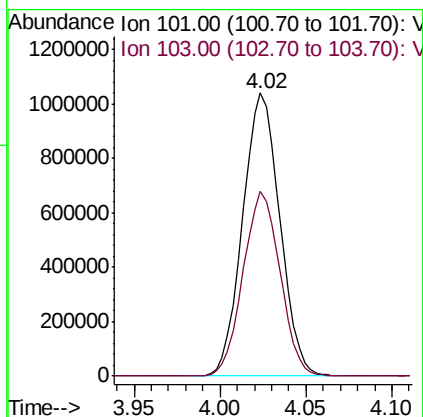
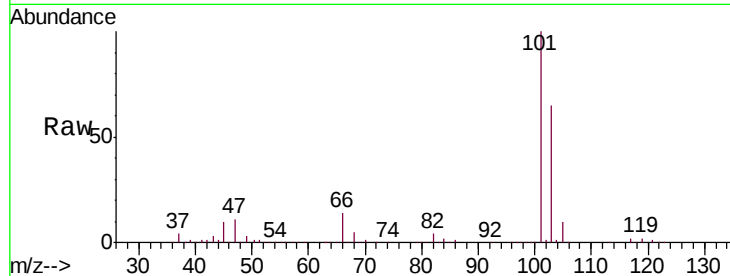




#11
 Trichlorofluoromethane
 Concen: 9.270 ppbv
 RT: 4.02 min Scan# 338
 Delta R.T. -0.02 min
 Lab File: VL032521.D
 Acq: 24 Sep 2018 21:38

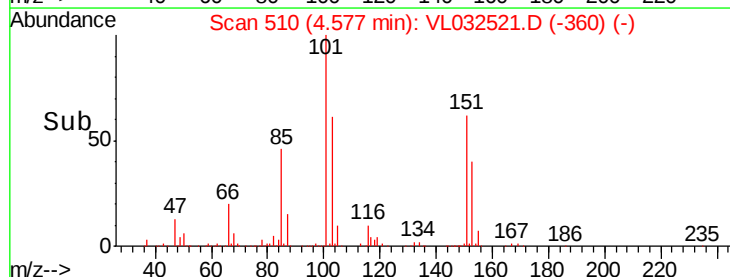
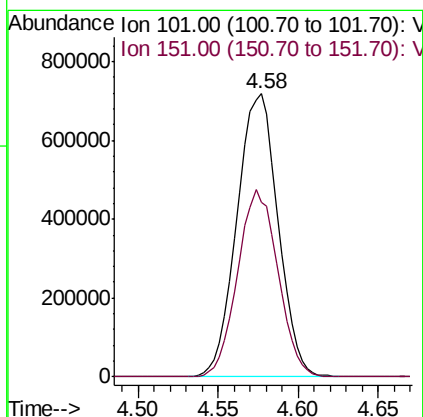
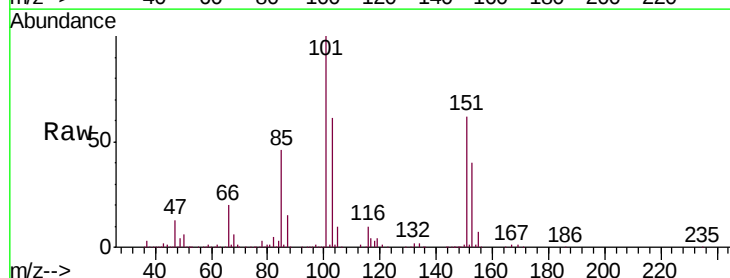
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL092418

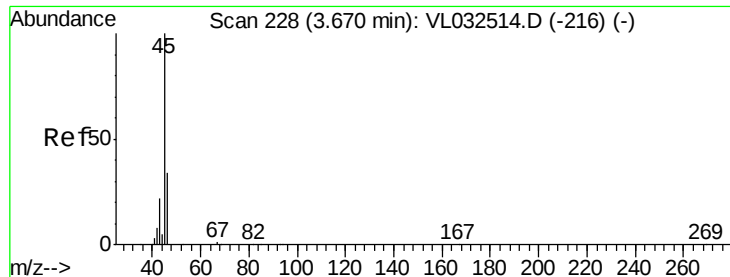
Tgt Ion:101 Resp: 1561577
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.8 79.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.127 ppbv
 RT: 4.58 min Scan# 510
 Delta R.T. -0.02 min
 Lab File: VL032521.D
 Acq: 24 Sep 2018 21:38

Tgt Ion:101 Resp: 1256838
 Ion Ratio Lower Upper
 101 100
 151 65.0 52.6 78.8





#13

Ethanol

Concen: 8.907 ppbv

RT: 3.67 min Scan# 228

Delta R.T. -0.01 min

Lab File: VL032521.D

Acq: 24 Sep 2018 21:38

Instrument :

MSVOA_L

ClientSampleId :

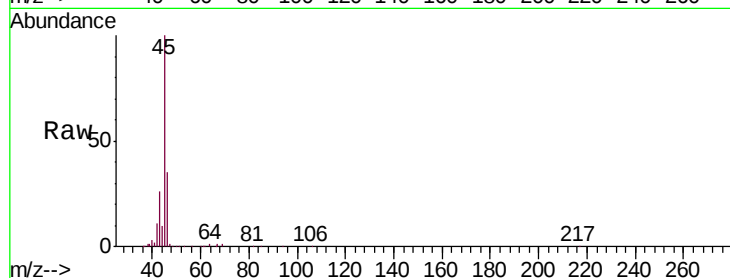
ICVVL092418

Tgt Ion: 45 Resp: 147997

Ion Ratio Lower Upper

45 100

46 37.5 14.2 56.8



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

3.67

80000

60000

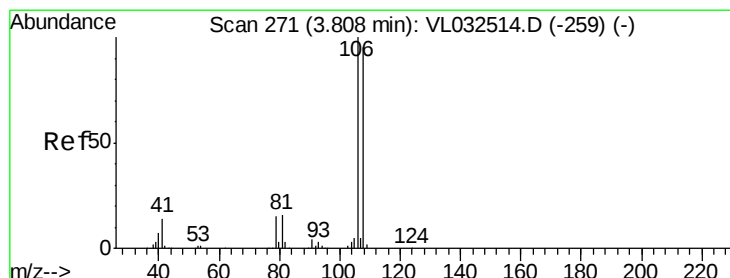
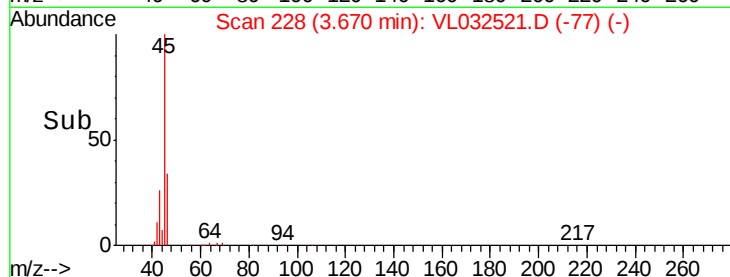
40000

20000

0

Time-->

3.60 3.65 3.70 3.75



#14

Bromoethene

Concen: 9.794 ppbv

RT: 3.81 min Scan# 271

Delta R.T. -0.02 min

Lab File: VL032521.D

Acq: 24 Sep 2018 21:38

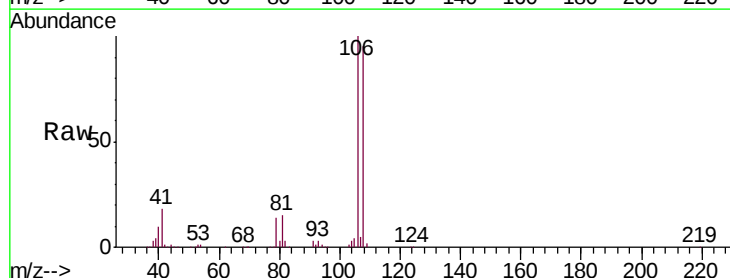
Tgt Ion: 108 Resp: 478570

Ion Ratio Lower Upper

108 100

106 106.8 85.5 128.3

79 16.2 13.0 19.6



Abundance Ion 108.00 (107.70 to 108.70): V

Ion 106.00 (105.70 to 106.70): V

Ion 79.00 (78.70 to 79.70): VL0

500000

400000

300000

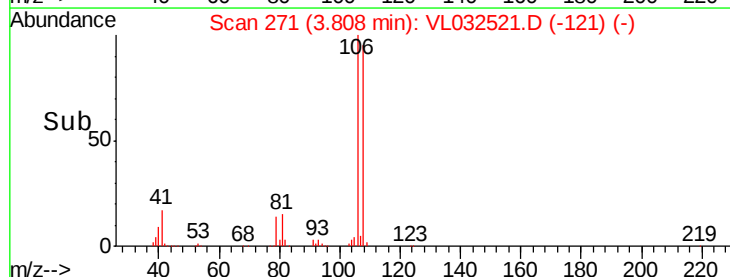
200000

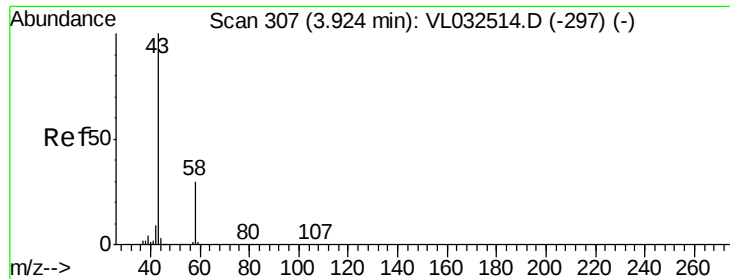
100000

0

Time-->

3.75 3.80 3.85

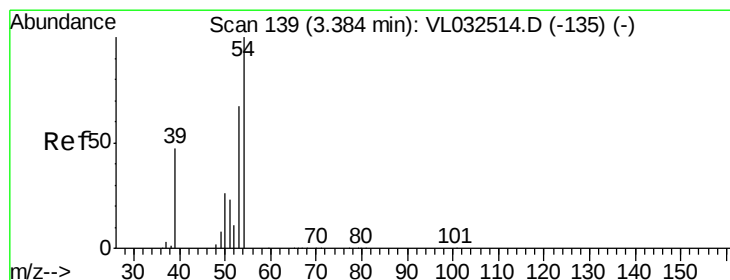
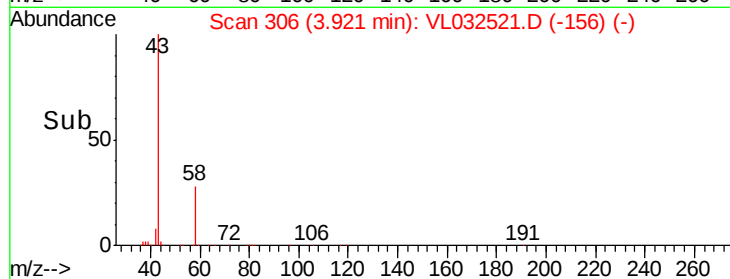
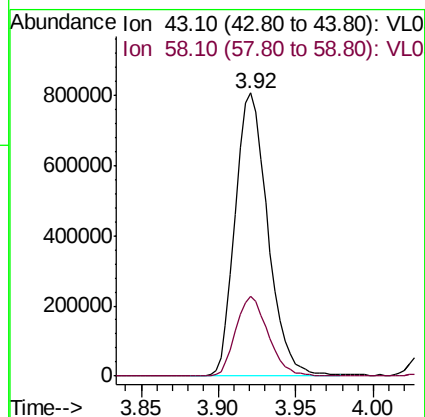
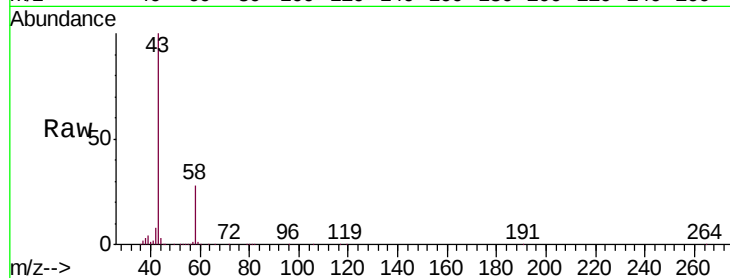




#15
Acetone
Concen: 8.742 ppbv
RT: 3.92 min Scan# 306
Delta R.T. -0.02 min
Lab File: VL032521.D
Acq: 24 Sep 2018 21:38

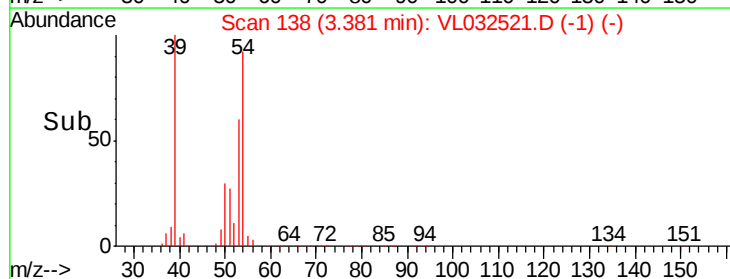
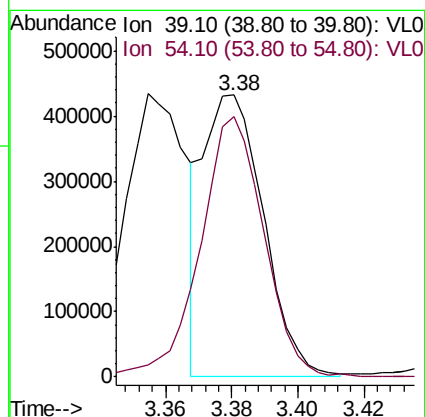
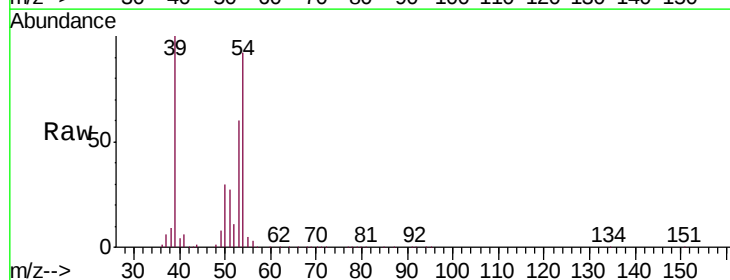
Instrument :
MSVOA_L
ClientSampleId :
ICVVL092418

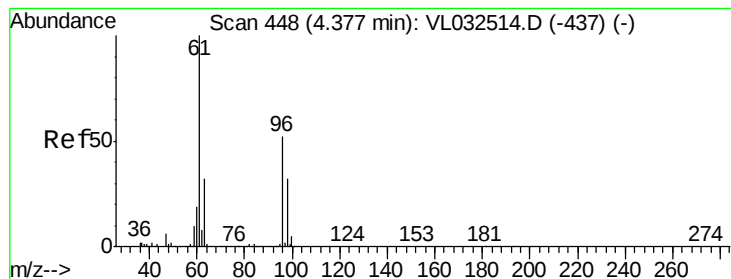
Tgt Ion: 43 Resp: 1175680
Ion Ratio Lower Upper
43 100
58 28.3 22.6 33.8



#16
1,3-Butadiene
Concen: 9.944 ppbv
RT: 3.38 min Scan# 138
Delta R.T. -0.02 min
Lab File: VL032521.D
Acq: 24 Sep 2018 21:38

Tgt Ion: 39 Resp: 542345
Ion Ratio Lower Upper
39 100
54 98.9 80.8 121.2





#17

tert-Butyl alcohol

Concen: 8.486 ppbv

RT: 4.38 min Scan# 448

Delta R.T. -0.03 min

Lab File: VL032521.D

Acq: 24 Sep 2018 21:38

Instrument :

MSVOA_L

ClientSampleId :

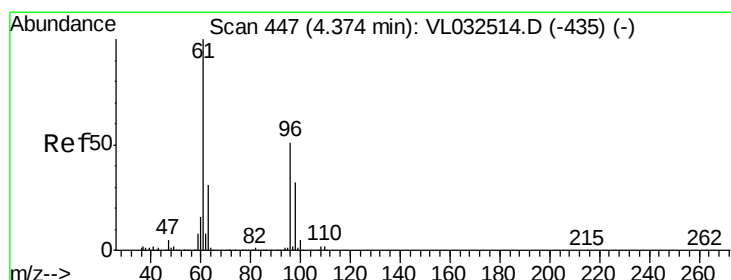
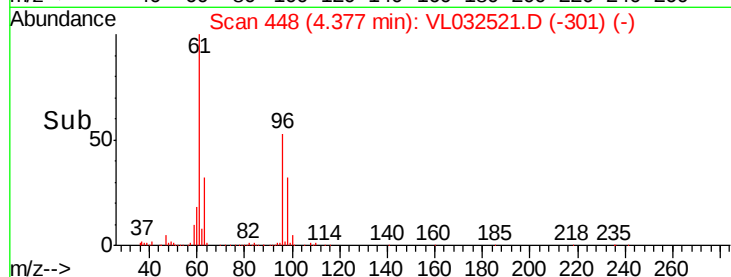
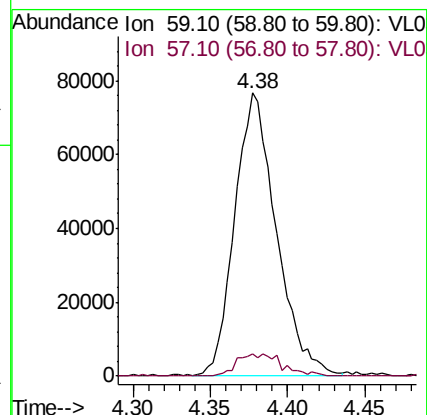
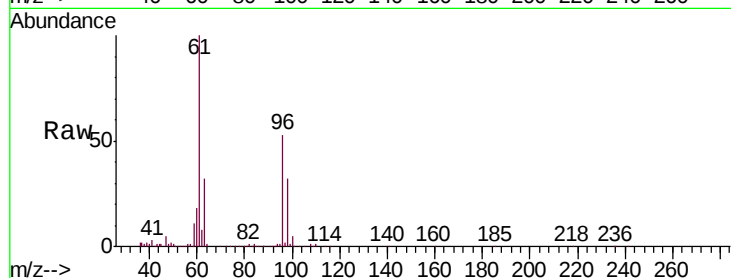
ICVVL092418

Tgt Ion: 59 Resp: 143417

Ion Ratio Lower Upper

59 100

57 8.7 0.0 0.0#



#18

1,1-Dichloroethene

Concen: 9.563 ppbv

RT: 4.37 min Scan# 447

Delta R.T. -0.02 min

Lab File: VL032521.D

Acq: 24 Sep 2018 21:38

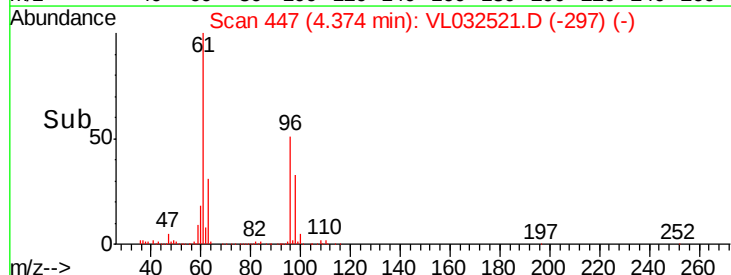
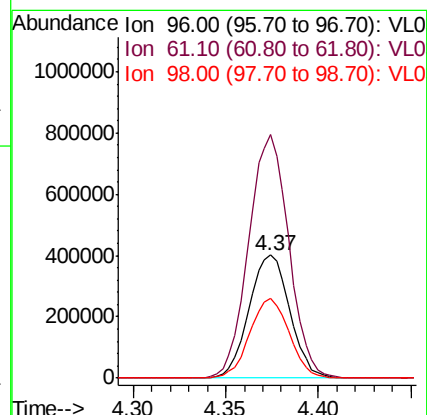
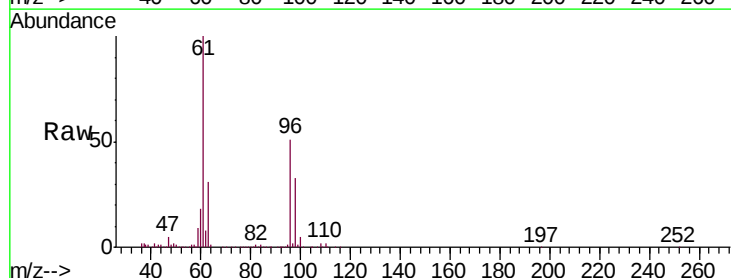
Tgt Ion: 96 Resp: 616728

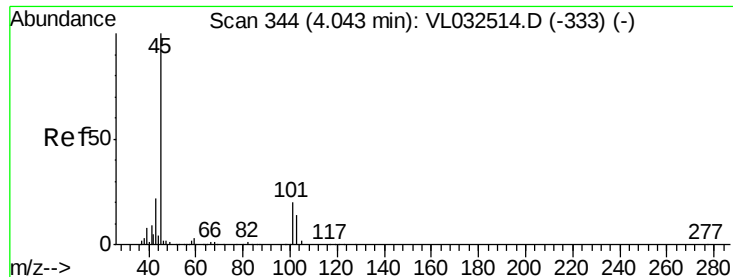
Ion Ratio Lower Upper

96 100

61 198.0 159.2 238.8

98 65.1 51.0 76.4





#19

Isopropyl Alcohol

Concen: 9.792 ppbv

RT: 4.04 min Scan# 343

Delta R.T. -0.02 min

Lab File: VL032521.D

Acq: 24 Sep 2018 21:38

Instrument :

MSVOA_L

ClientSampleId :

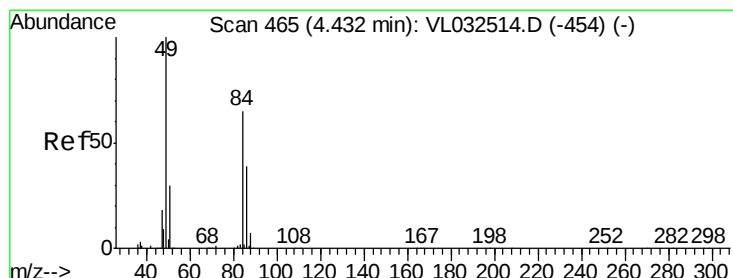
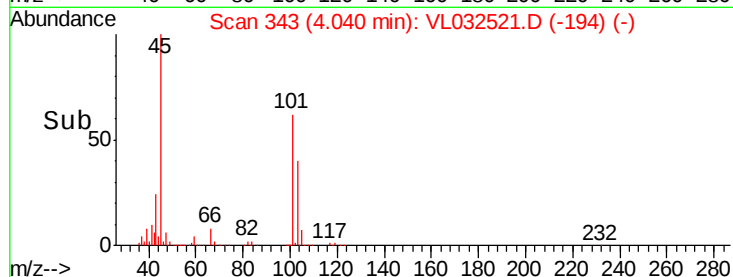
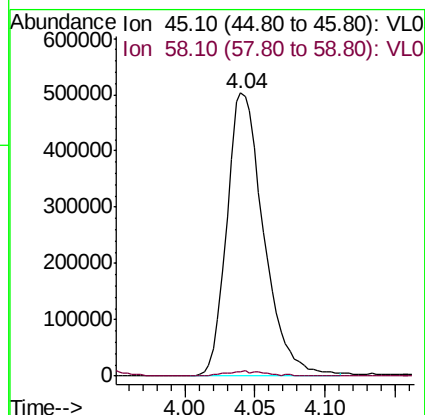
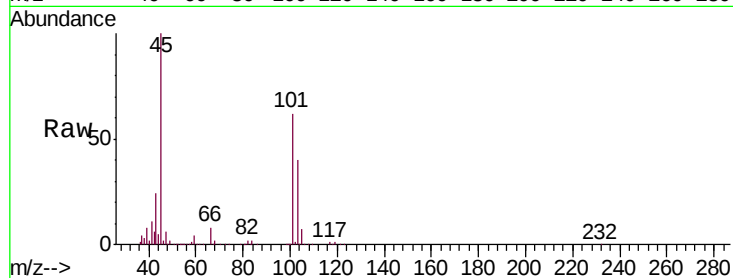
ICVVL092418

Tgt Ion: 45 Resp: 917240

Ion Ratio Lower Upper

45 100

58 2.2 2.0 3.0



#20

Methylene Chloride

Concen: 8.306 ppbv

RT: 4.43 min Scan# 465

Delta R.T. -0.02 min

Lab File: VL032521.D

Acq: 24 Sep 2018 21:38

Tgt Ion: 84 Resp: 540902

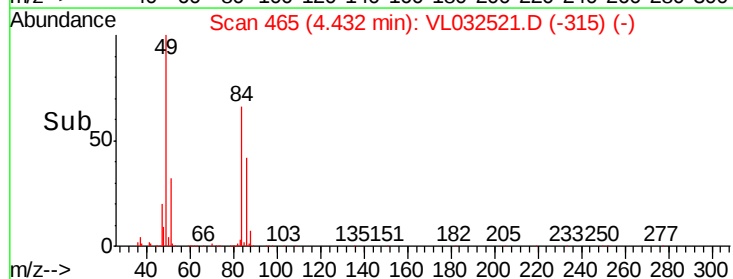
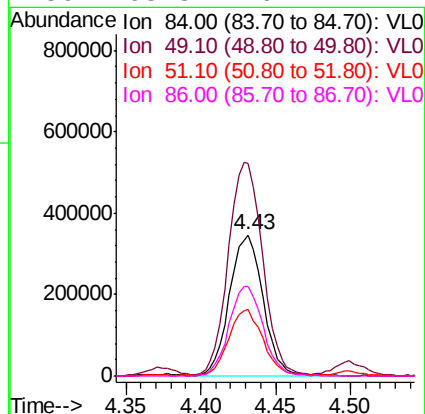
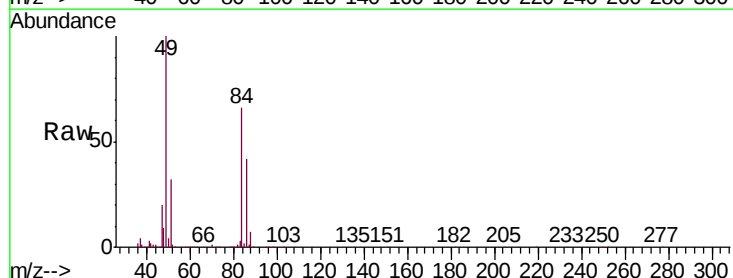
Ion Ratio Lower Upper

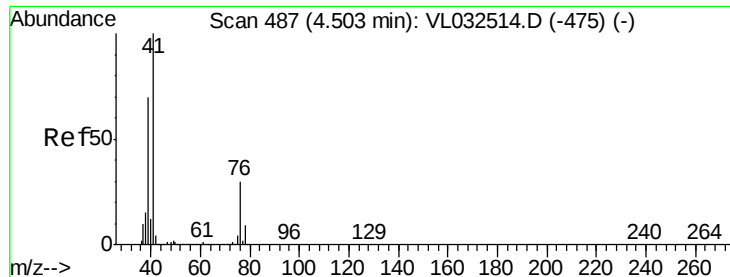
84 100

49 149.8 119.1 178.7

51 46.9 35.2 52.8

86 63.8 49.4 74.2

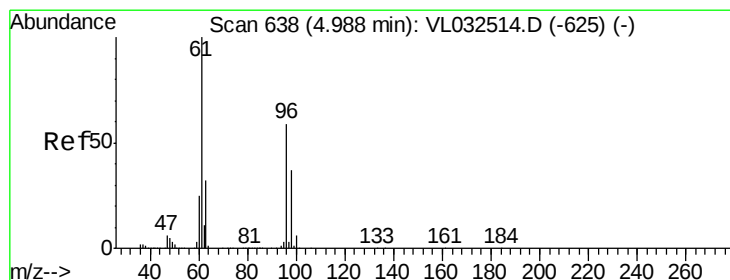
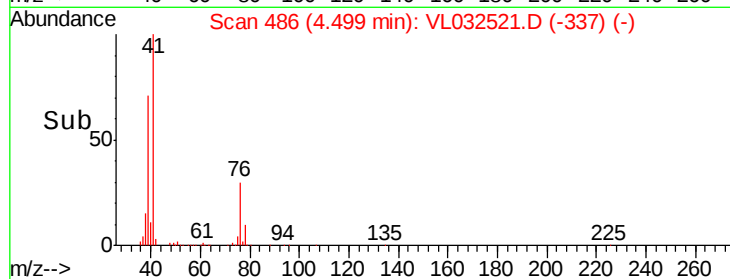
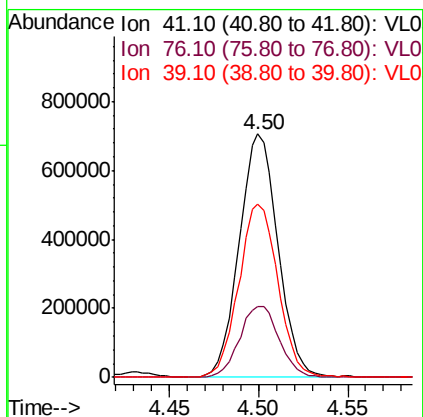
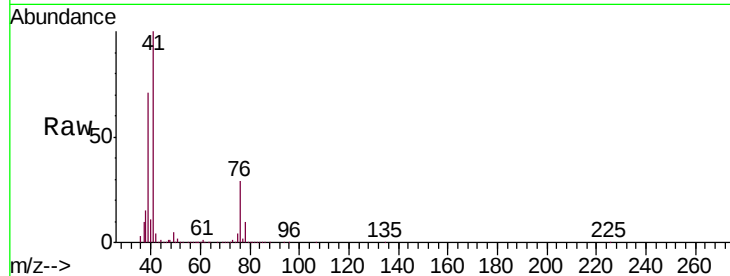




#21
 Allyl Chloride
 Concen: 9.681 ppbv
 RT: 4.50 min Scan# 486
 Delta R.T. -0.02 min
 Lab File: VL032521.D
 Acq: 24 Sep 2018 21:38

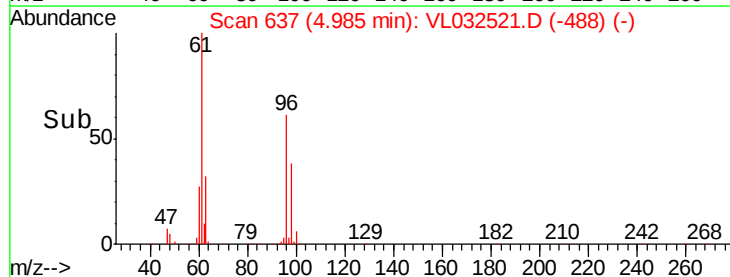
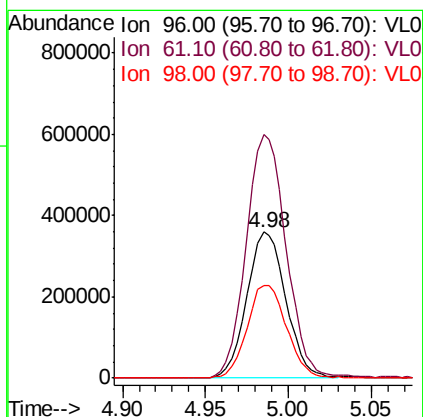
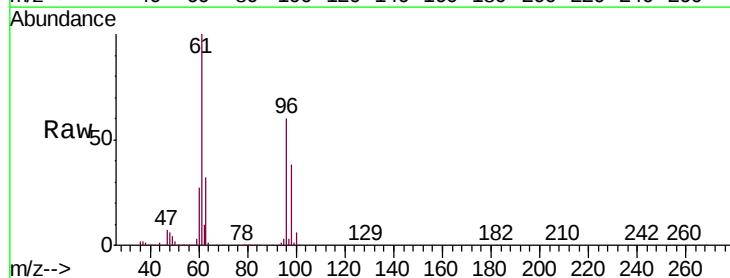
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL092418

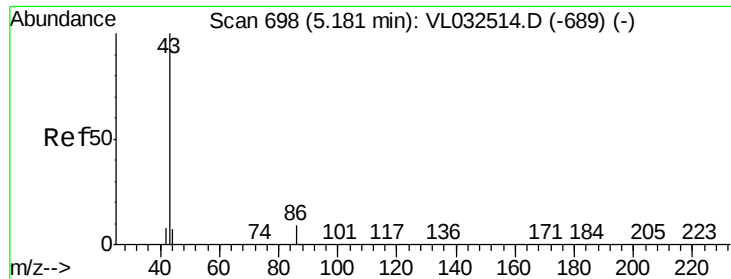
Tgt Ion: 41 Resp: 1064093
 Ion Ratio Lower Upper
 41 100
 76 30.1 23.6 35.4
 39 72.5 57.7 86.5



#22
 trans-1,2-Dichloroethene
 Concen: 9.663 ppbv
 RT: 4.98 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: VL032521.D
 Acq: 24 Sep 2018 21:38

Tgt Ion: 96 Resp: 587296
 Ion Ratio Lower Upper
 96 100
 61 166.6 136.2 204.4
 98 63.2 50.4 75.6





#23

Vinyl Acetate

Concen: 10.260 ppbv

RT: 5.18 min Scan# 697

Delta R.T. -0.02 min

Lab File: VL032521.D

Acq: 24 Sep 2018 21:38

Instrument :

MSVOA_L

ClientSampleId :

ICVVL092418

Tgt Ion: 43 Resp: 2438331

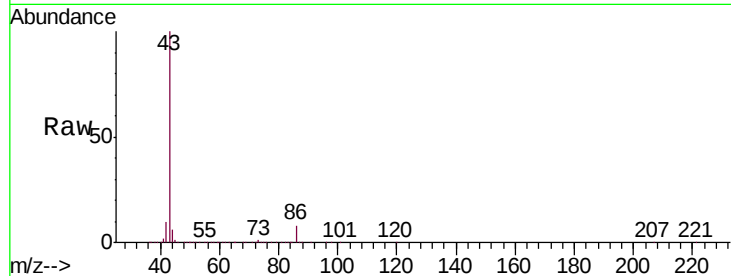
Ion Ratio Lower Upper

43 100

86 7.7 5.9 8.9

42 9.5 6.9 10.3

44 5.7 4.6 7.0

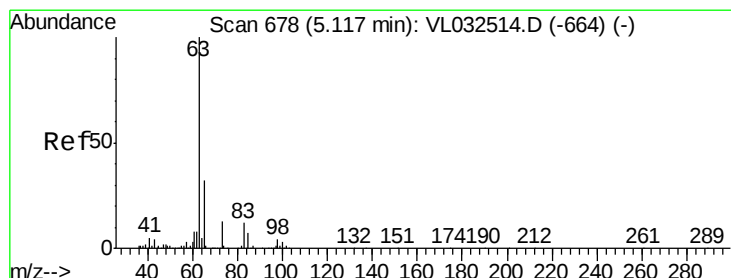
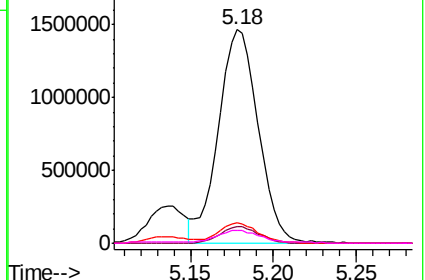
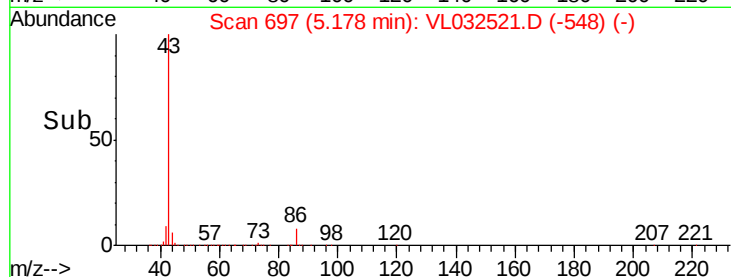


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 9.241 ppbv

RT: 5.12 min Scan# 678

Delta R.T. -0.02 min

Lab File: VL032521.D

Acq: 24 Sep 2018 21:38

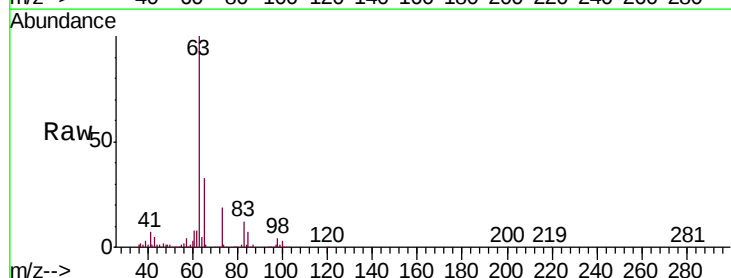
Tgt Ion: 63 Resp: 1828718

Ion Ratio Lower Upper

63 100

98 4.2 2.1 6.5

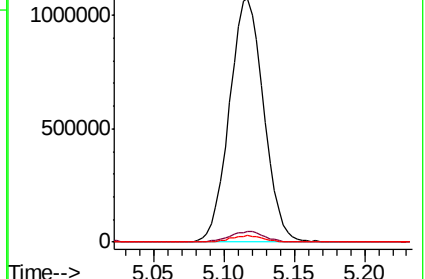
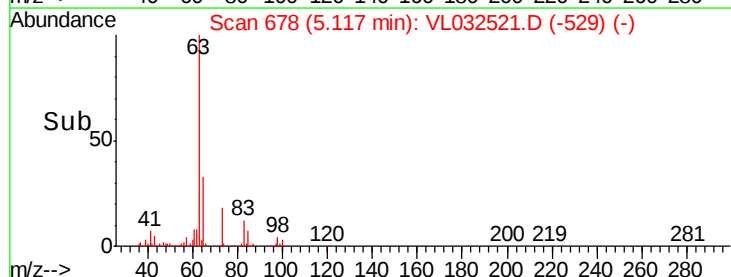
100 2.6 1.5 4.4

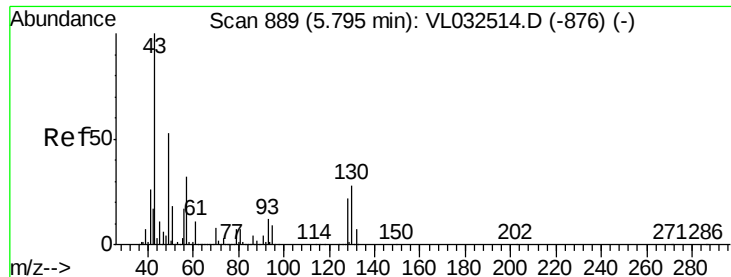


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0



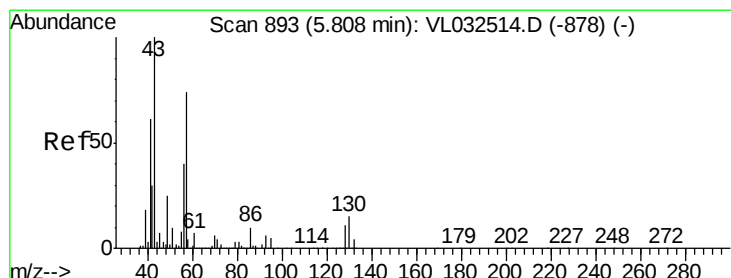
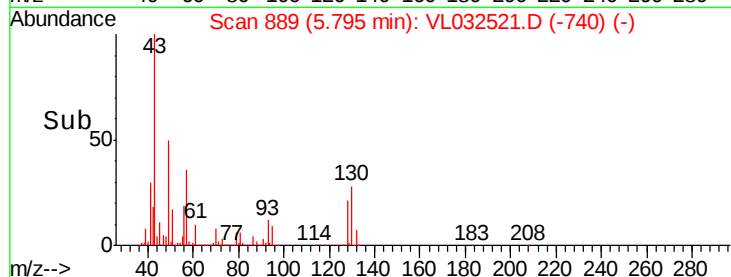
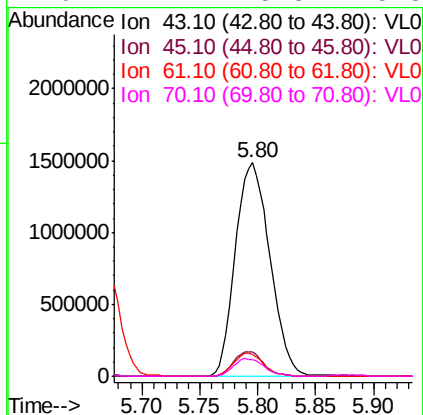
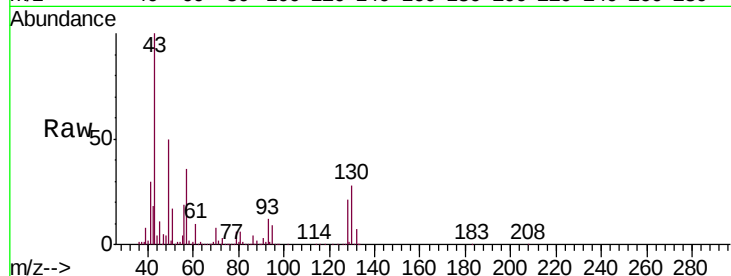


#25
Ethyl Acetate
Concen: 9.402 ppbv
RT: 5.80 min Scan# 889
Delta R.T. -0.02 min
Lab File: VL032521.D
Acq: 24 Sep 2018 21:38

Instrument :
MSVOA_L
ClientSampleId :
ICVVL092418

Tgt Ion: 43 Resp: 3068020

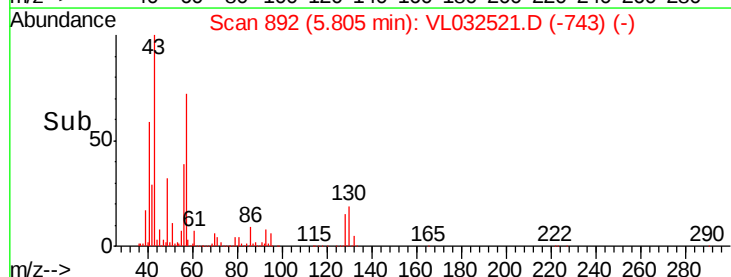
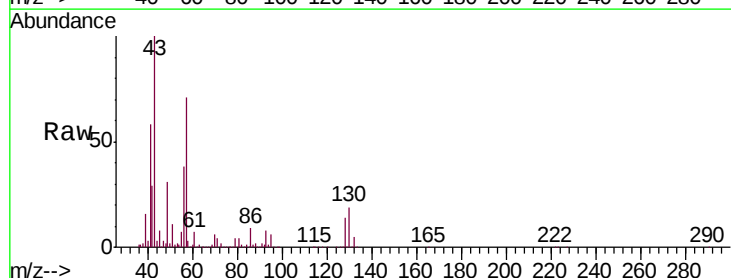
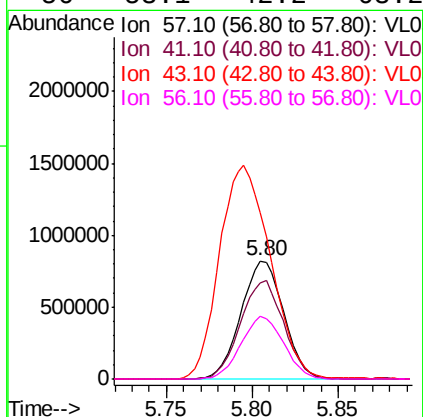
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.0	12.0
61	9.3	7.6	11.4
70	7.4	5.8	8.8

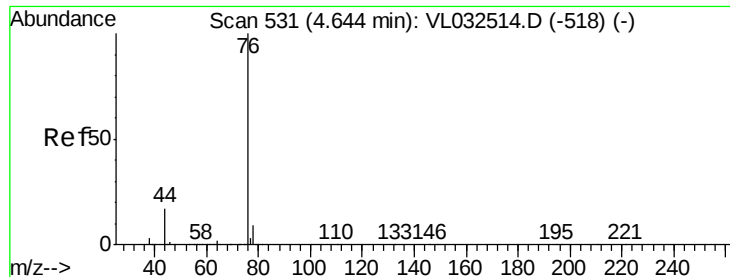


#26
Hexane
Concen: 9.598 ppbv
RT: 5.80 min Scan# 892
Delta R.T. -0.02 min
Lab File: VL032521.D
Acq: 24 Sep 2018 21:38

Tgt Ion: 57 Resp: 1414778

Ion	Ratio	Lower	Upper
57	100		
41	86.0	69.0	103.4
43	217.9	172.1	258.1
56	53.1	42.2	63.2





#27

Carbon Disulfide

Concen: 10.097 ppbv

RT: 4.64 min Scan# 531

Delta R.T. -0.02 min

Lab File: VL032521.D

Acq: 24 Sep 2018 21:38

Instrument :

MSVOA_L

ClientSampleId :

ICVVL092418

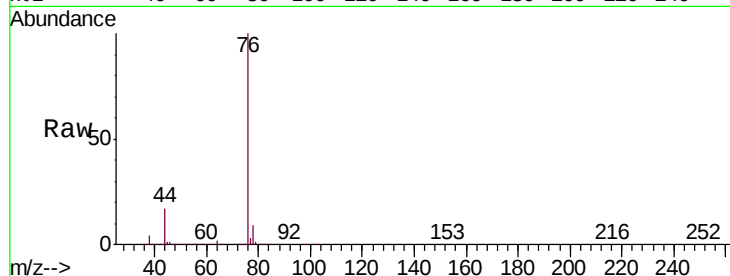
Tgt Ion: 76 Resp: 1599996

Ion Ratio Lower Upper

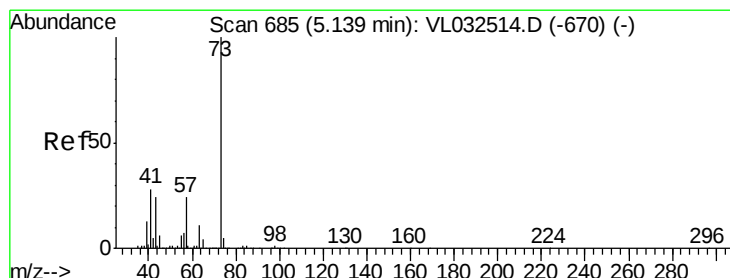
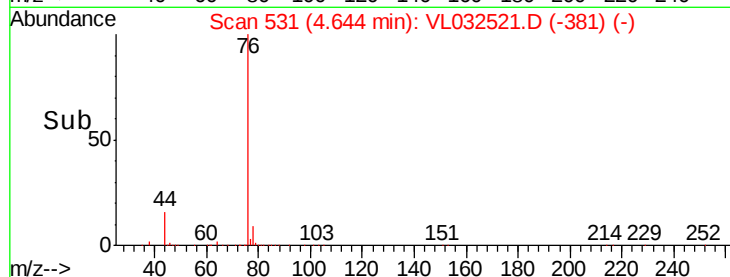
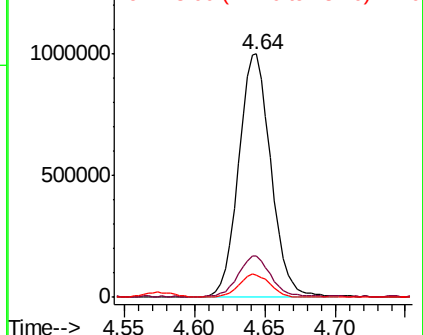
76 100

44 16.6 14.0 21.0

78 9.2 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: 10.075 ppbv

RT: 5.14 min Scan# 684

Delta R.T. -0.02 min

Lab File: VL032521.D

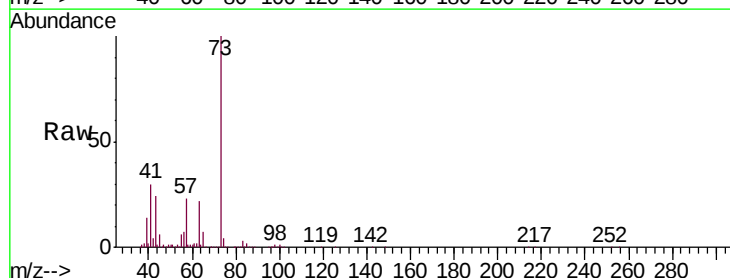
Acq: 24 Sep 2018 21:38

Tgt Ion: 73 Resp: 1849990

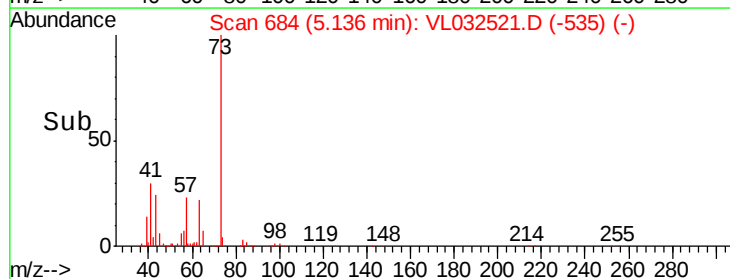
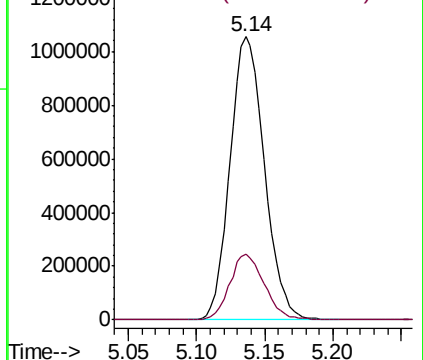
Ion Ratio Lower Upper

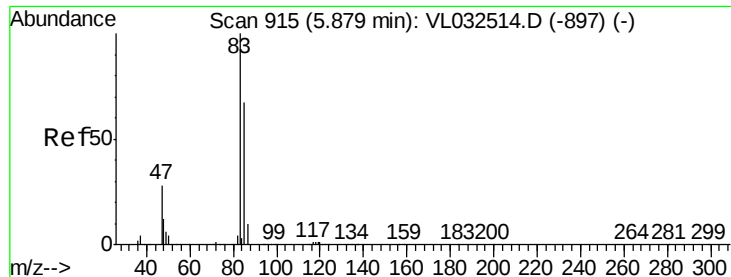
73 100

57 23.5 19.3 28.9



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





#29

Chloroform

Concen: 9.350 ppbv

RT: 5.88 min Scan# 914

Delta R.T. -0.02 min

Lab File: VL032521.D

Acq: 24 Sep 2018 21:38

Instrument :

MSVOA_L

ClientSampleId :

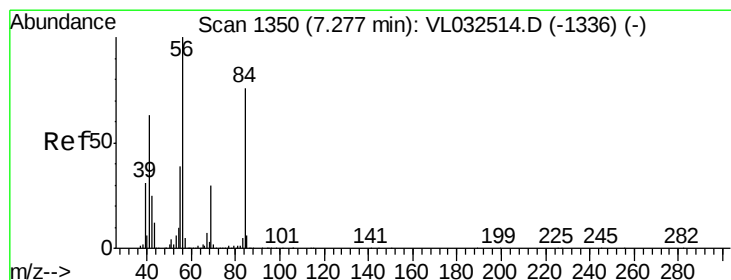
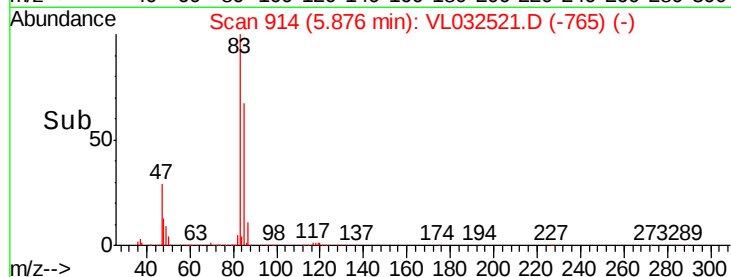
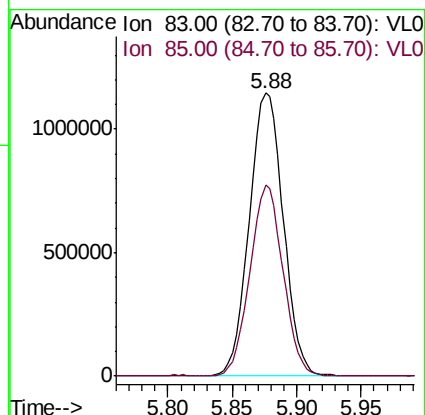
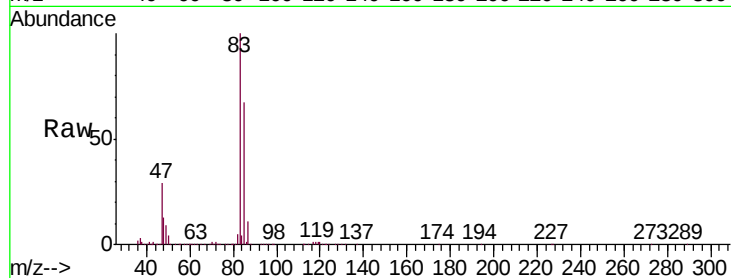
ICVVL092418

Tgt Ion: 83 Resp: 2114653

Ion Ratio Lower Upper

83 100

85 67.1 52.5 78.7



#30

Cyclohexane

Concen: 10.534 ppbv

RT: 7.28 min Scan# 1350

Delta R.T. -0.02 min

Lab File: VL032521.D

Acq: 24 Sep 2018 21:38

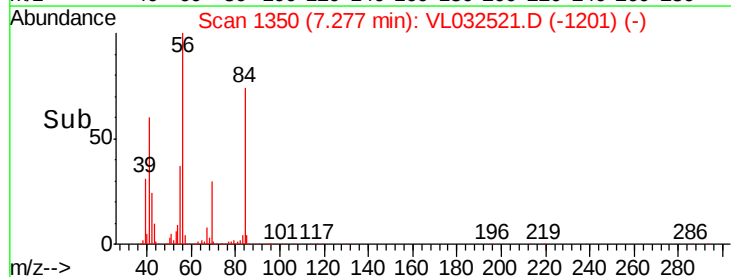
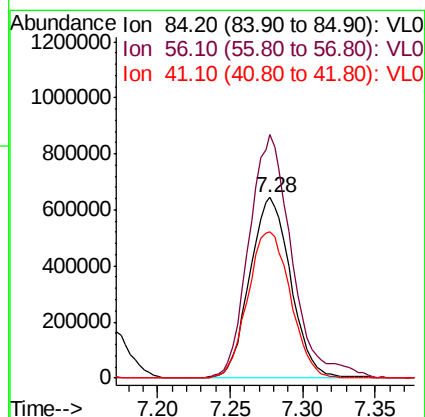
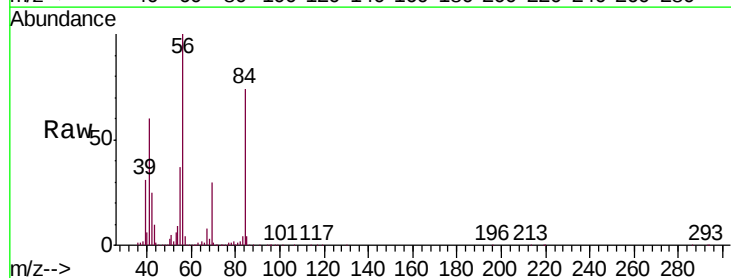
Tgt Ion: 84 Resp: 1264364

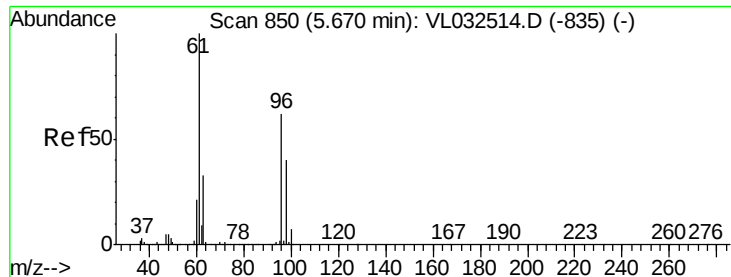
Ion Ratio Lower Upper

84 100

56 141.7 113.5 170.3

41 84.5 68.1 102.1



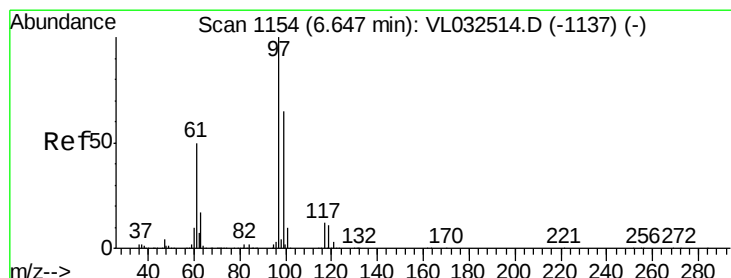
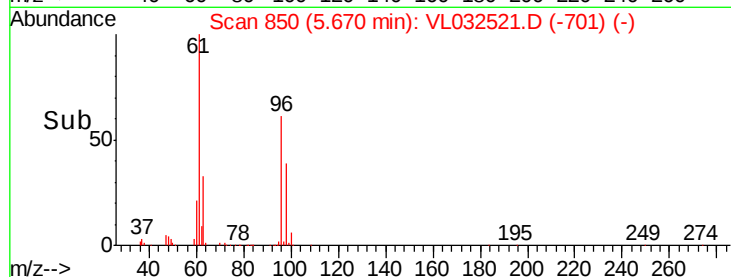
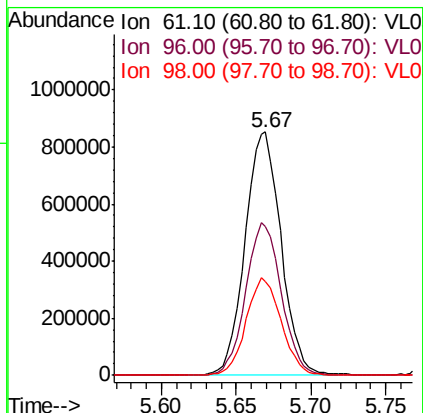
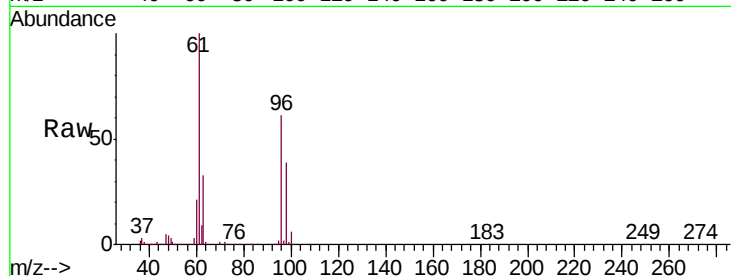


#31

cis-1,2-Dichloroethene
 Concen: 10.174 ppbv
 RT: 5.67 min Scan# 850
 Delta R.T. -0.02 min
 Lab File: VL032521.D
 Acq: 24 Sep 2018 21:38

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL092418

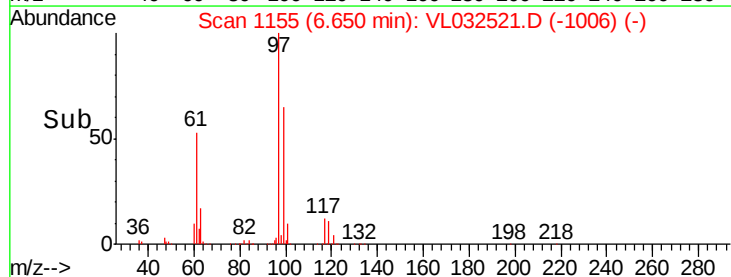
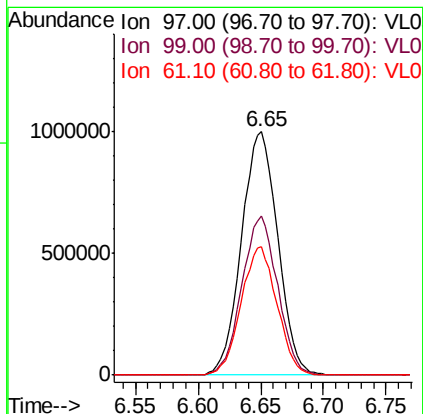
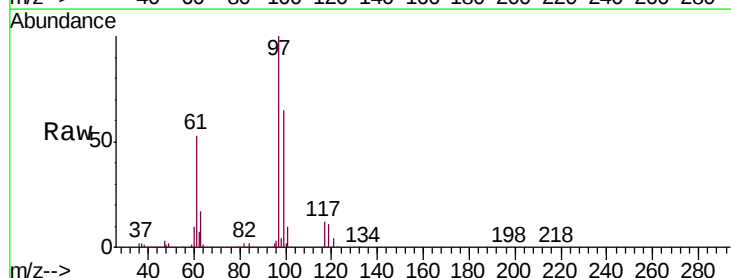
Tgt Ion: 61 Resp: 1428275
 Ion Ratio Lower Upper
 61 100
 96 61.4 49.2 73.8
 98 38.6 30.7 46.1

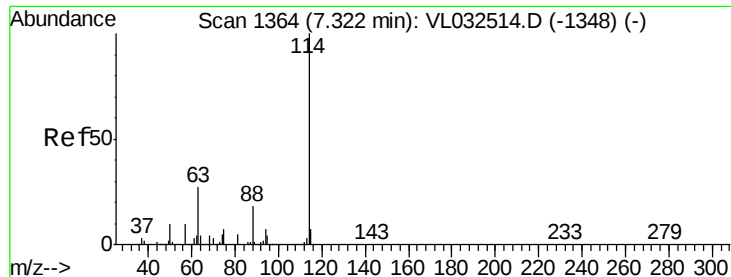


#32

1,1,1-Trichloroethane
 Concen: 8.362 ppbv
 RT: 6.65 min Scan# 1155
 Delta R.T. -0.02 min
 Lab File: VL032521.D
 Acq: 24 Sep 2018 21:38

Tgt Ion: 97 Resp: 2015490
 Ion Ratio Lower Upper
 97 100
 99 64.5 52.1 78.1
 61 52.4 42.5 63.7

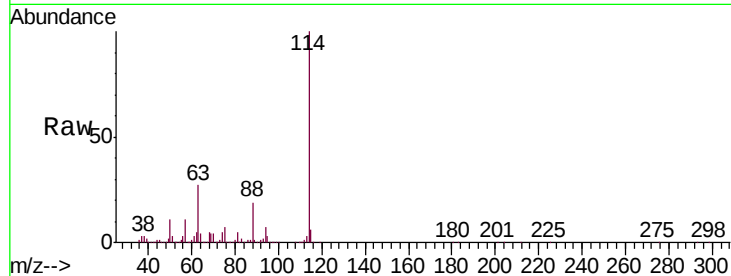




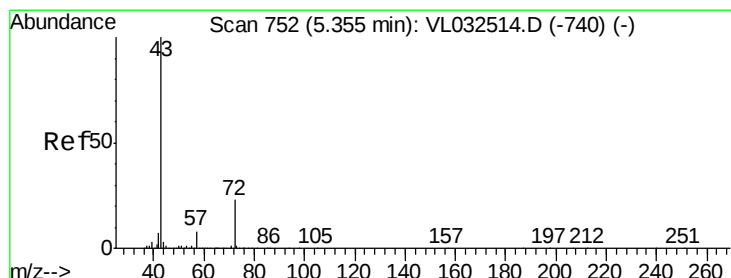
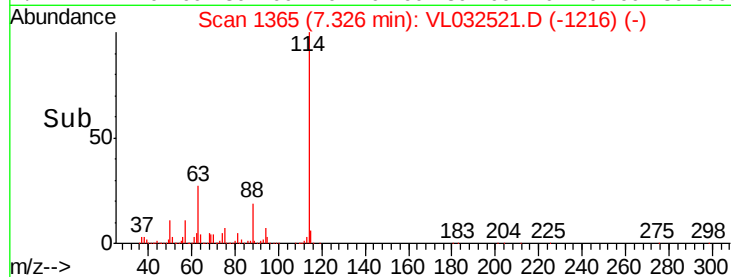
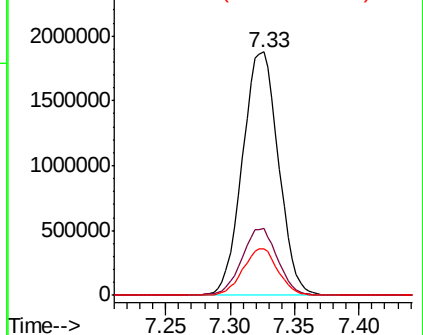
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.33 min Scan# 1365
 Delta R.T. -0.02 min
 Lab File: VL032521.D
 Acq: 24 Sep 2018 21:38

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL092418

Tgt Ion: 114 Resp: 3654106
 Ion Ratio Lower Upper
 114 100
 63 27.4 22.2 33.4
 88 18.6 15.0 22.4

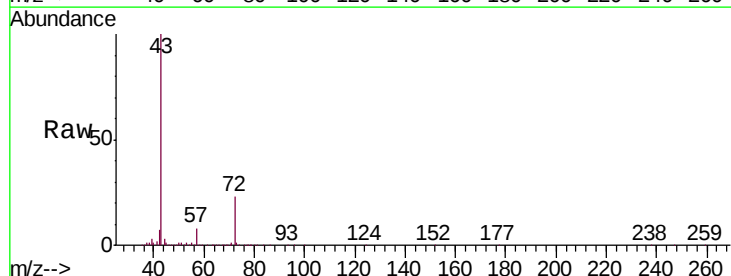


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

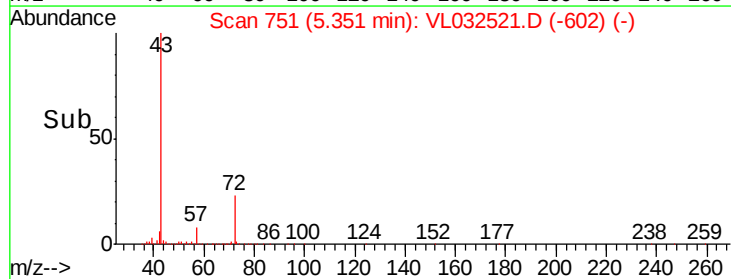
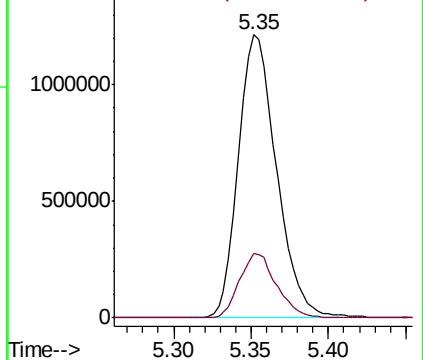


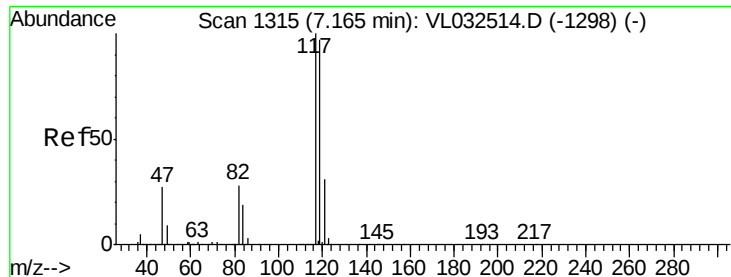
#34
 2-Butanone
 Concen: 9.533 ppbv
 RT: 5.35 min Scan# 751
 Delta R.T. -0.02 min
 Lab File: VL032521.D
 Acq: 24 Sep 2018 21:38

Tgt Ion: 43 Resp: 2074496
 Ion Ratio Lower Upper
 43 100
 72 22.4 17.8 26.6



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





#35

Carbon Tetrachloride

Concen: 8.954 ppbv

RT: 7.16 min Scan# 1315

Delta R.T. -0.02 min

Lab File: VL032521.D

Acq: 24 Sep 2018 21:38

Instrument :

MSVOA_L

ClientSampleId :

ICVVL092418

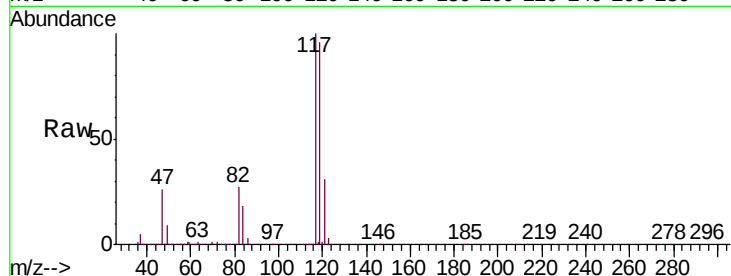
Tgt Ion:117 Resp: 2273474

Ion Ratio Lower Upper

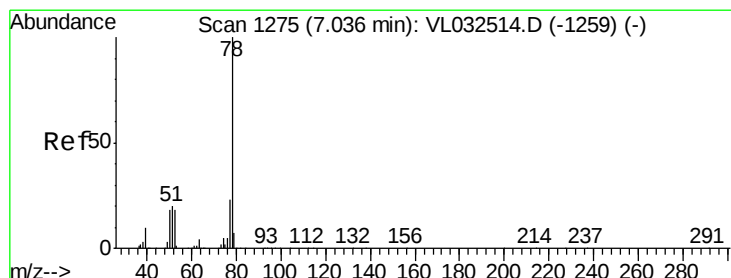
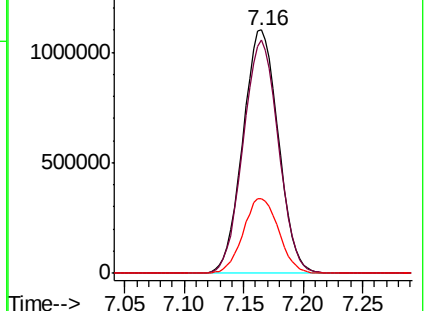
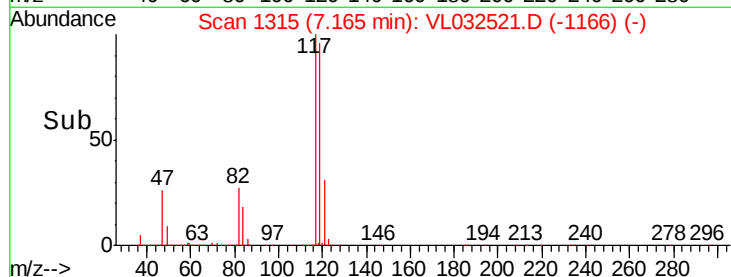
117 100

119 96.1 76.6 115.0

121 30.7 24.6 36.8



Abundance Ion 117.00 (116.70 to 117.70): V
1500000
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 9.531 ppbv

RT: 7.04 min Scan# 1275

Delta R.T. -0.02 min

Lab File: VL032521.D

Acq: 24 Sep 2018 21:38

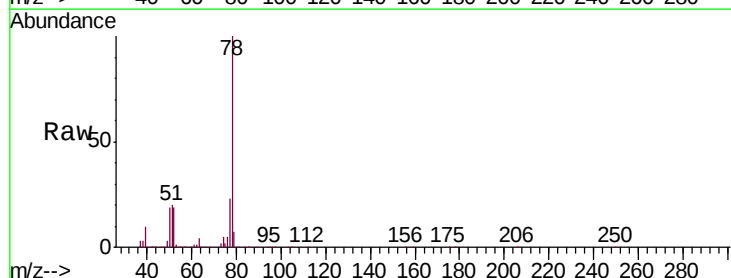
Tgt Ion: 78 Resp: 2814650

Ion Ratio Lower Upper

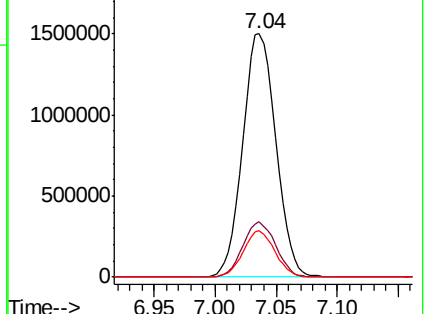
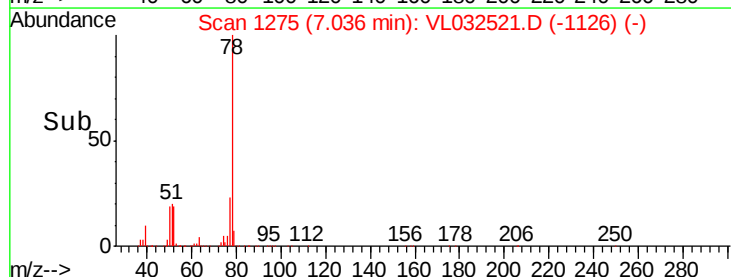
78 100

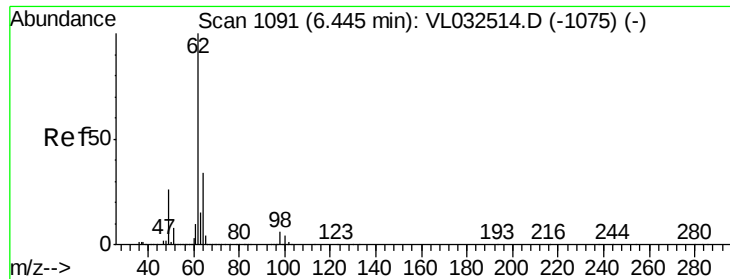
77 22.5 18.4 27.6

50 19.1 14.4 21.6



Abundance Ion 78.10 (77.80 to 78.80): VL0
2000000
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0

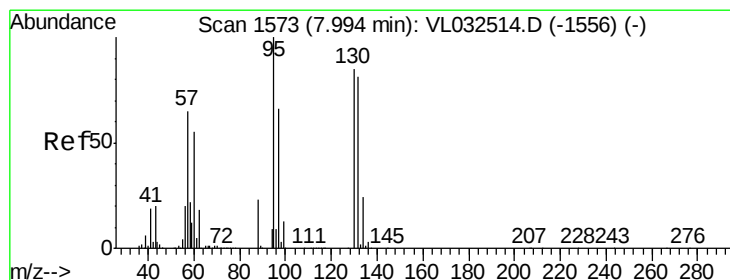
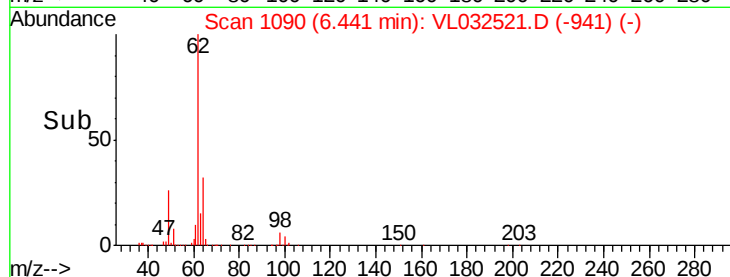
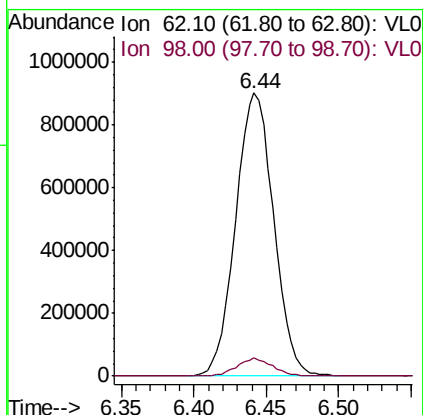
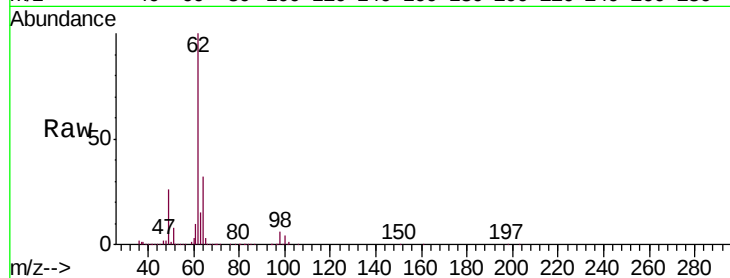




#37
 1,2-Dichloroethane
 Concen: 9.252 ppbv
 RT: 6.44 min Scan# 1090
 Delta R.T. -0.02 min
 Lab File: VL032521.D
 Acq: 24 Sep 2018 21:38

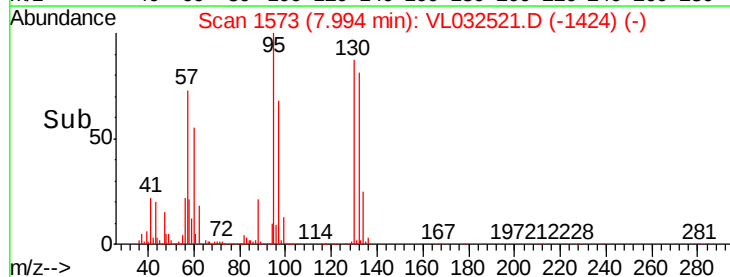
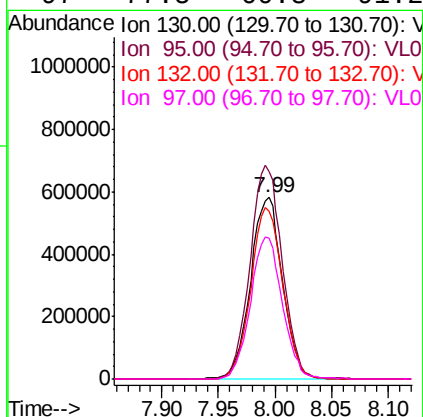
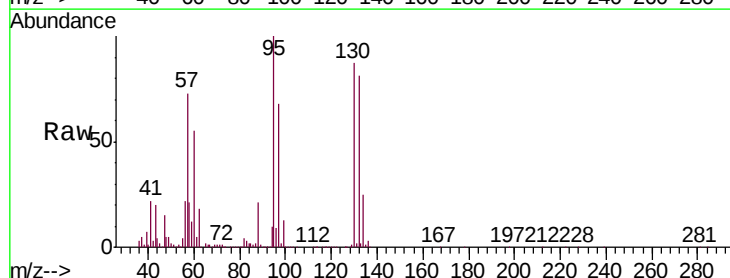
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL092418

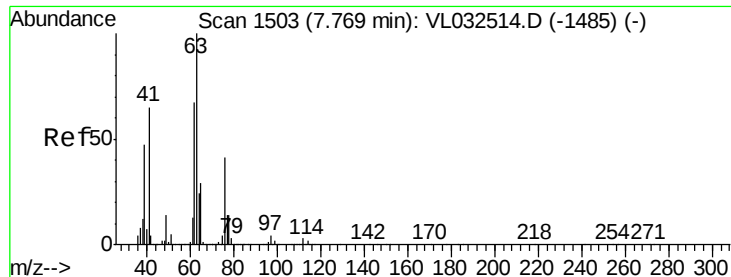
Tgt Ion: 62 Resp: 1646615
 Ion Ratio Lower Upper
 62 100
 98 6.0 5.0 7.6



#38
 Trichloroethene
 Concen: 10.078 ppbv
 RT: 7.99 min Scan# 1573
 Delta R.T. -0.02 min
 Lab File: VL032521.D
 Acq: 24 Sep 2018 21:38

Tgt Ion: 130 Resp: 1139177
 Ion Ratio Lower Upper
 130 100
 95 114.4 94.2 141.4
 132 92.4 76.2 114.4
 97 77.5 60.8 91.2



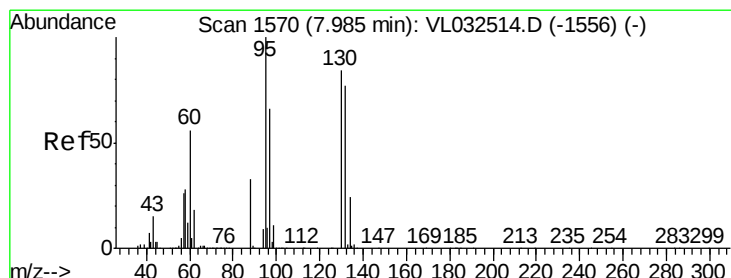
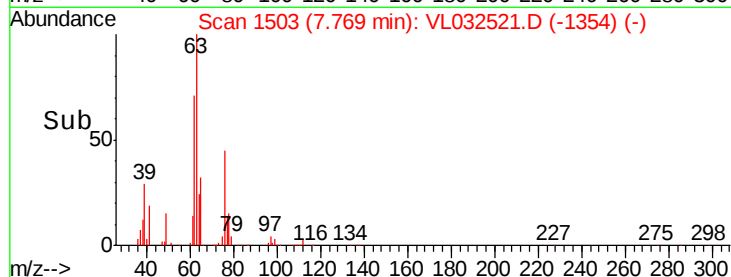
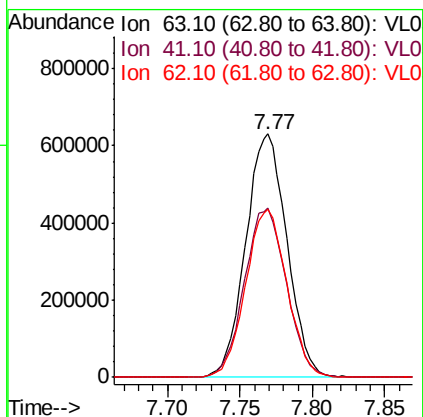
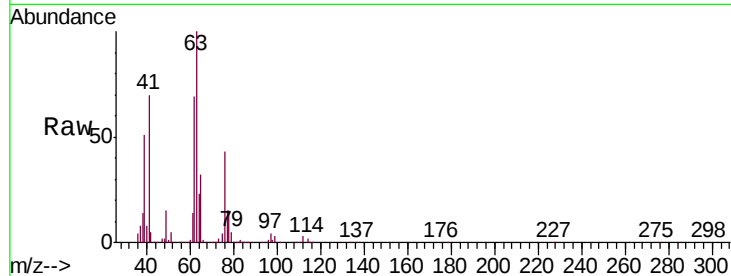


#39
 1,2-Dichloropropane
 Concen: 9.392 ppbv
 RT: 7.77 min Scan# 1503
 Delta R.T. -0.02 min
 Lab File: VL032521.D
 Acq: 24 Sep 2018 21:38

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL092418

Tgt Ion: 63 Resp: 1249892

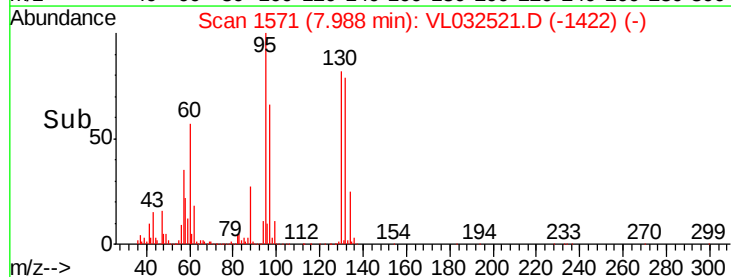
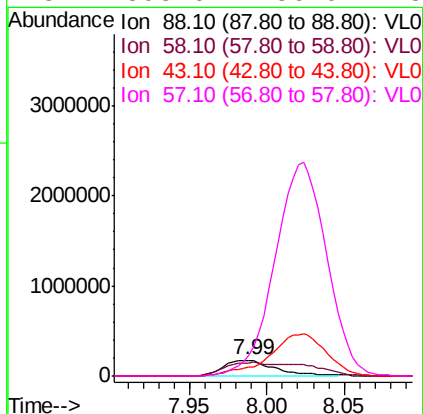
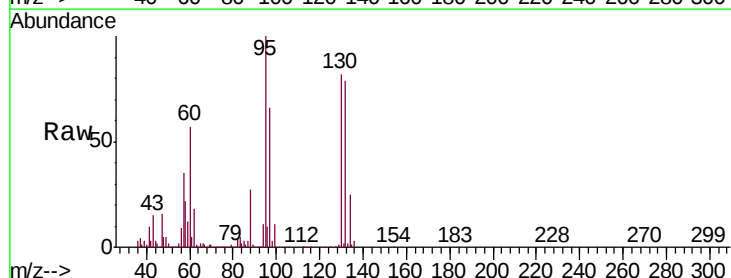
Ion	Ratio	Lower	Upper
63	100		
41	69.6	55.4	83.0
62	69.1	55.4	83.0

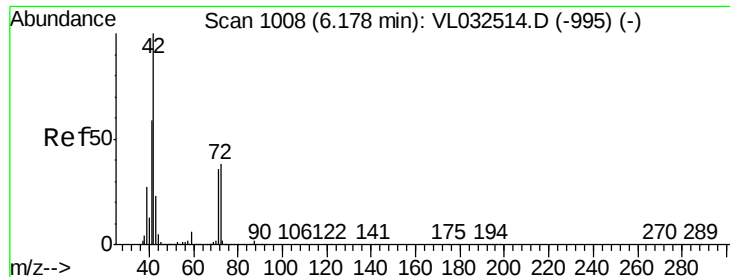


#40
 1,4-Dioxane
 Concen: 9.695 ppbv
 RT: 7.99 min Scan# 1571
 Delta R.T. -0.02 min
 Lab File: VL032521.D
 Acq: 24 Sep 2018 21:38

Tgt Ion: 88 Resp: 395586

Ion	Ratio	Lower	Upper
88	100		
58	148.9	119.7	179.5
43	303.9	253.0	379.4
57	1398.6	1156.9	1735.3





#41

Tetrahydrofuran

Concen: 10.257 ppbv

RT: 6.17 min Scan# 1007

Delta R.T. -0.02 min

Lab File: VL032521.D

Acq: 24 Sep 2018 21:38

Instrument :

MSVOA_L

ClientSampleId :

ICVVL092418

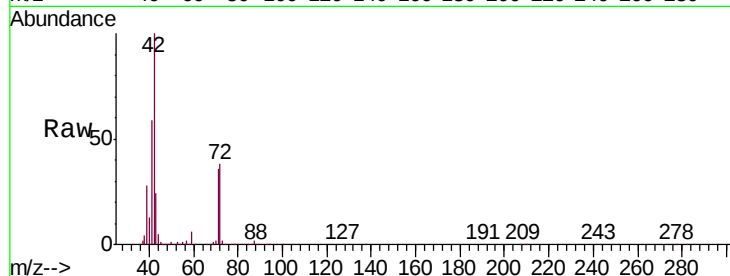
Tgt Ion: 42 Resp: 1212619

Ion Ratio Lower Upper

42 100

72 38.0 29.5 44.3

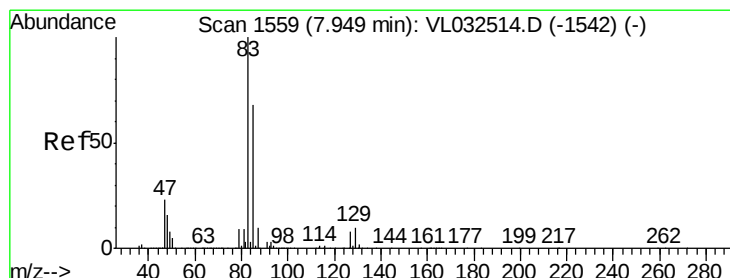
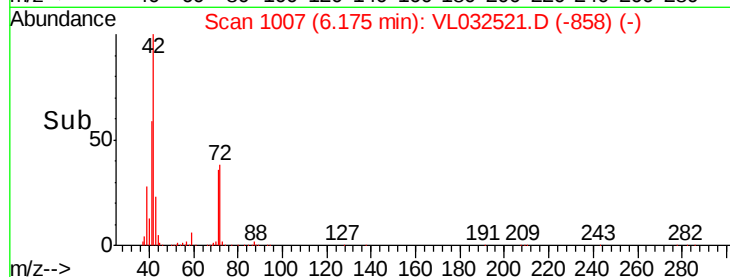
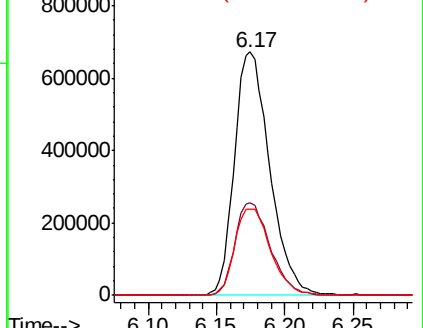
71 36.3 28.3 42.5



Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0



#42

Bromodichloromethane

Concen: 9.628 ppbv

RT: 7.95 min Scan# 1559

Delta R.T. -0.02 min

Lab File: VL032521.D

Acq: 24 Sep 2018 21:38

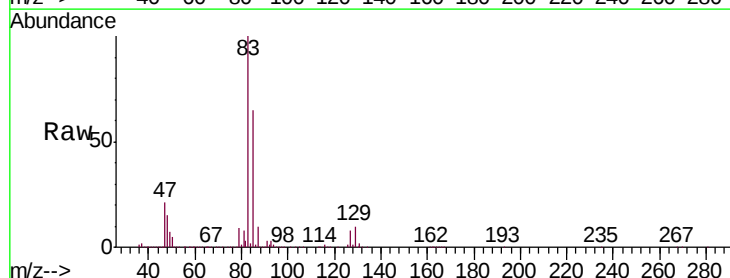
Tgt Ion: 83 Resp: 2567227

Ion Ratio Lower Upper

83 100

85 65.3 51.1 76.7

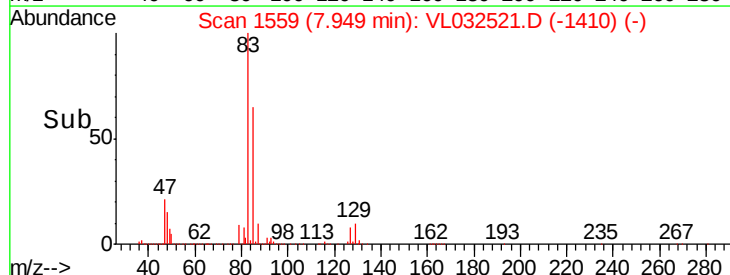
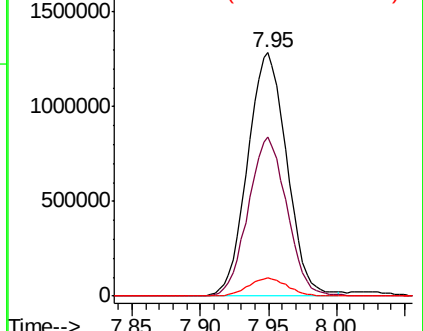
127 7.6 5.8 8.8

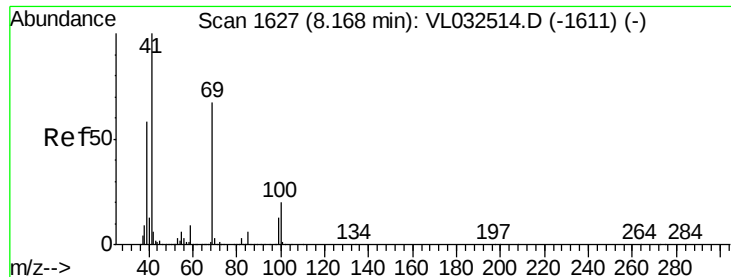


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): V

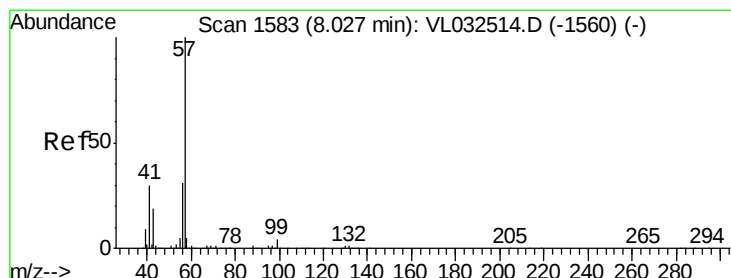
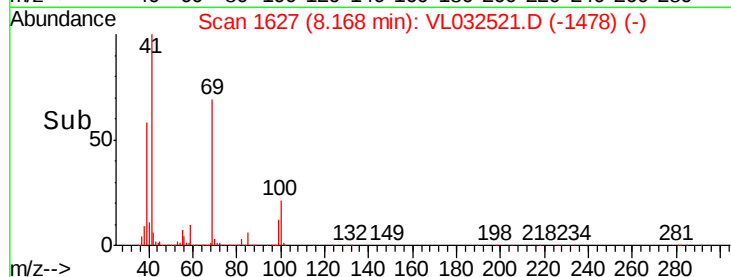
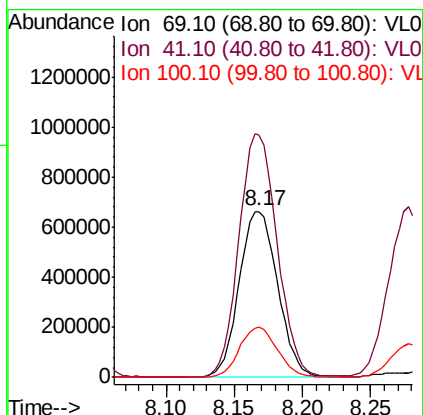
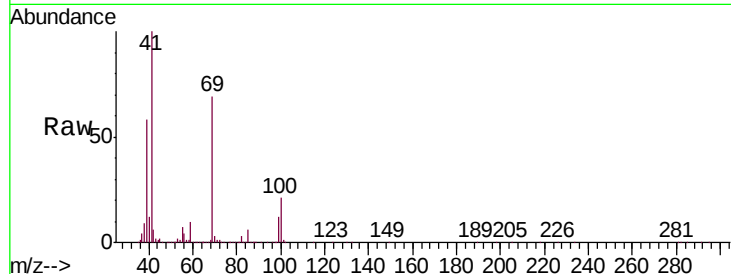




#43
Methyl Methacrylate
Concen: 10.574 ppbv
RT: 8.17 min Scan# 1627
Delta R.T. -0.02 min
Lab File: VL032521.D
Acq: 24 Sep 2018 21:38

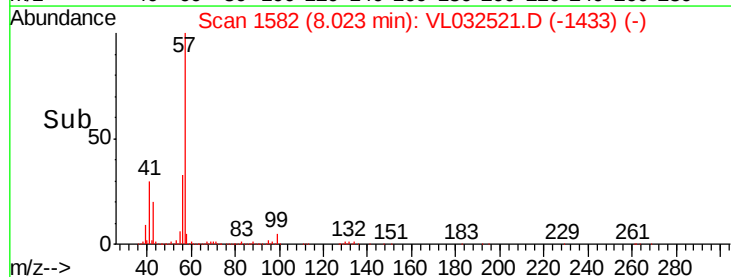
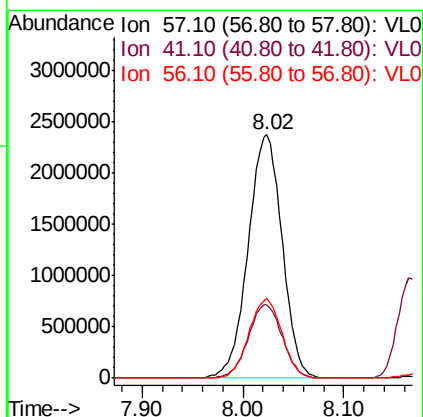
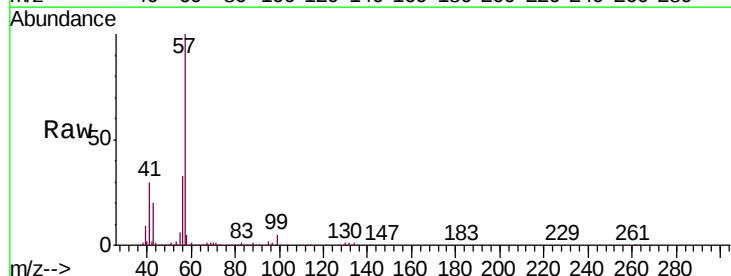
Instrument :
MSVOA_L
ClientSampleId :
ICVVL092418

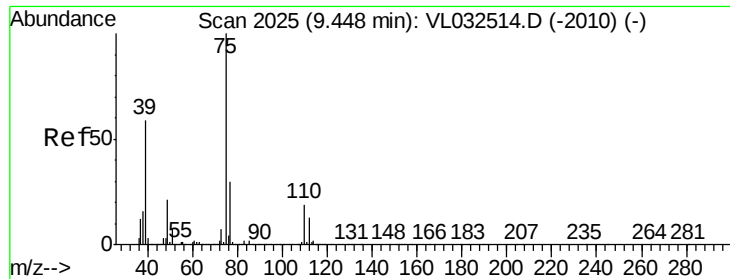
Tgt Ion: 69 Resp: 1304416
Ion Ratio Lower Upper
69 100
41 145.5 117.1 175.7
100 29.7 23.4 35.2



#44
2,2,4-Trimethylpentane
Concen: 9.576 ppbv
RT: 8.02 min Scan# 1582
Delta R.T. -0.02 min
Lab File: VL032521.D
Acq: 24 Sep 2018 21:38

Tgt Ion: 57 Resp: 5526730
Ion Ratio Lower Upper
57 100
41 30.3 24.4 36.6
56 31.8 25.7 38.5

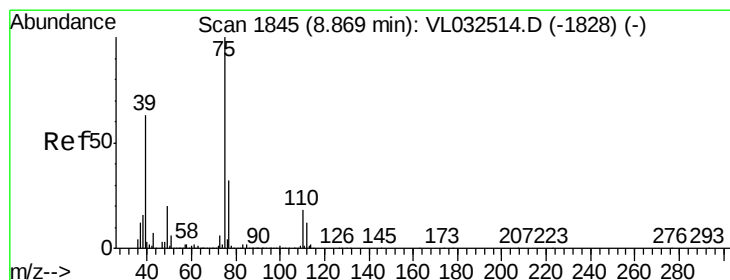
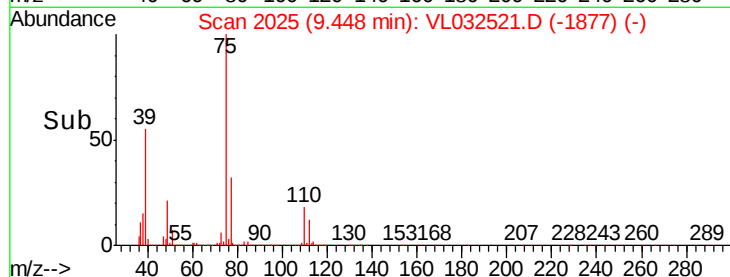
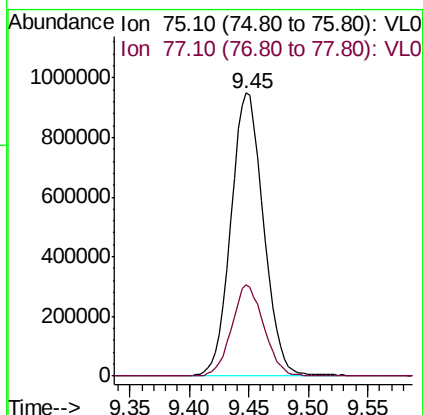
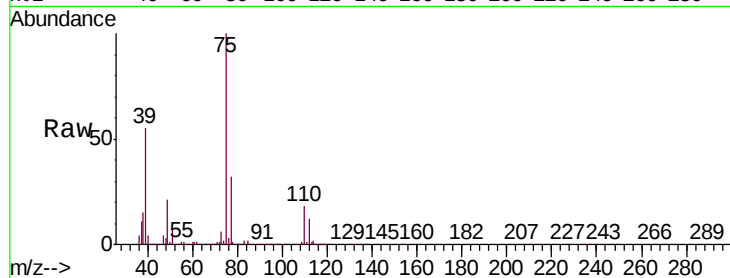




#45
 t-1,3-Dichloropropene
 Concen: 11.779 ppbv
 RT: 9.45 min Scan# 2025
 Delta R.T. -0.02 min
 Lab File: VL032521.D
 Acq: 24 Sep 2018 21:38

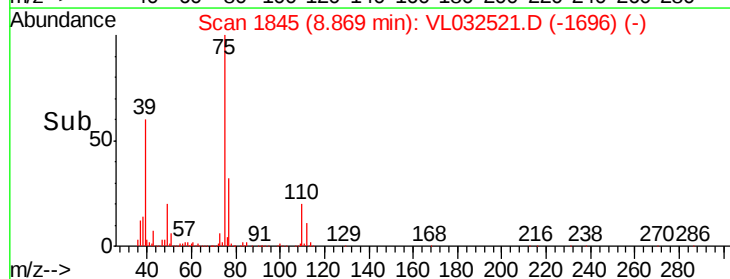
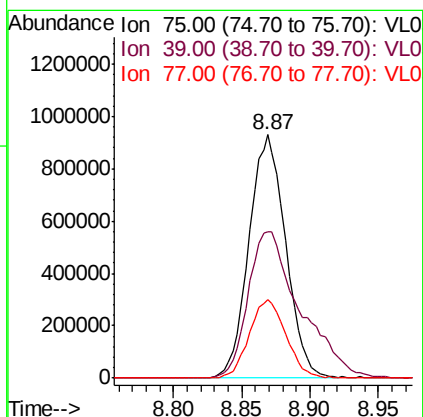
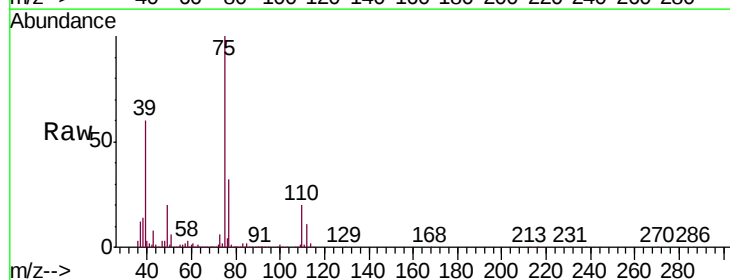
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL092418

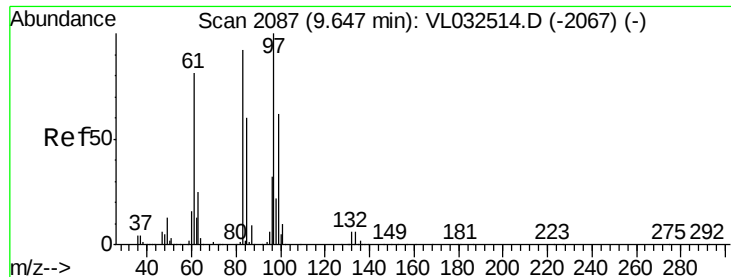
Tgt Ion: 75 Resp: 1807619
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.2 39.2



#46
 cis-1,3-Dichloropropene
 Concen: 9.641 ppbv
 RT: 8.87 min Scan# 1845
 Delta R.T. -0.02 min
 Lab File: VL032521.D
 Acq: 24 Sep 2018 21:38

Tgt Ion: 75 Resp: 1735249
 Ion Ratio Lower Upper
 75 100
 39 60.0 48.9 73.3
 77 32.4 25.4 38.0



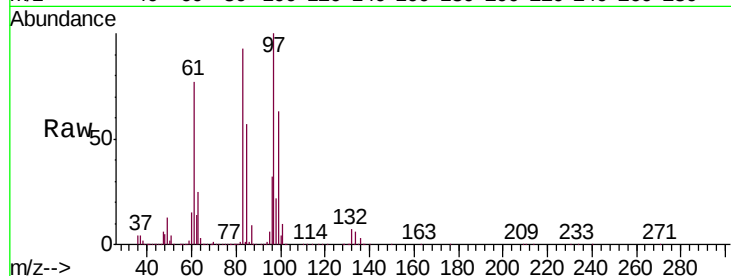


#47
 1,1,2-Trichloroethane
 Concen: 9.416 ppbv
 RT: 9.65 min Scan# 2087
 Delta R.T. -0.02 min
 Lab File: VL032521.D
 Acq: 24 Sep 2018 21:38

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL092418

Tgt Ion: 97 Resp: 1391736

Ion	Ratio	Lower	Upper
97	100		
83	92.5	75.0	112.4
85	56.8	47.5	71.3
99	63.1	49.0	73.6



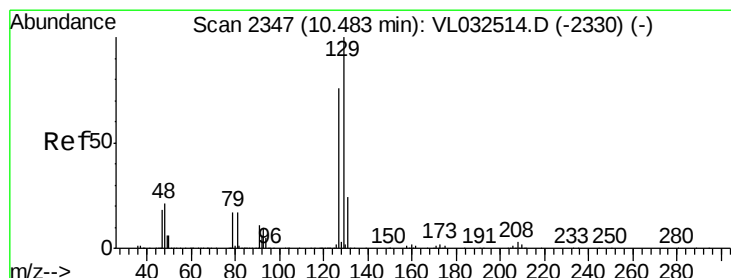
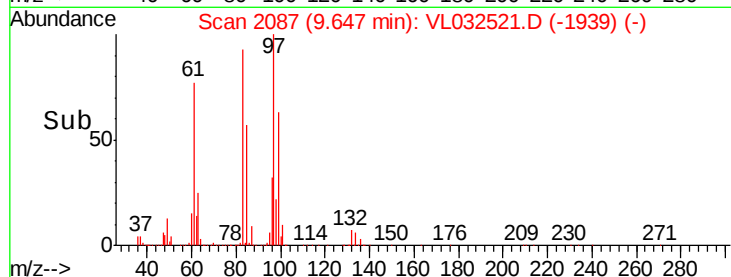
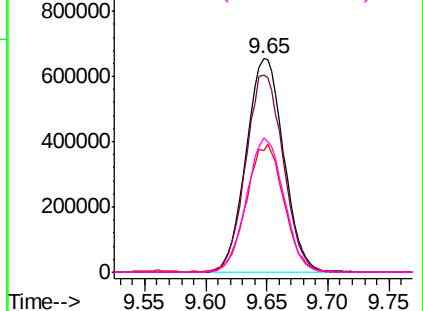
Abundance

Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

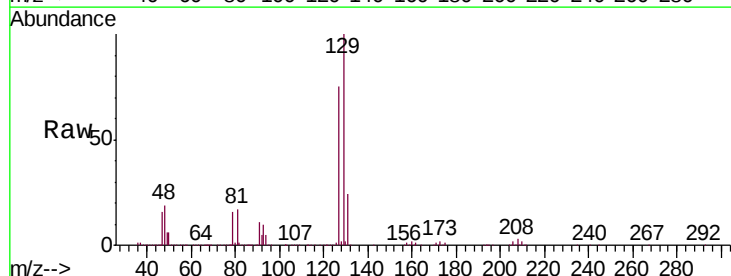
Ion 99.00 (98.70 to 99.70): VL0



#48
 Dibromochloromethane
 Concen: 9.817 ppbv
 RT: 10.49 min Scan# 2348
 Delta R.T. -0.02 min
 Lab File: VL032521.D
 Acq: 24 Sep 2018 21:38

Tgt Ion: 129 Resp: 2281610

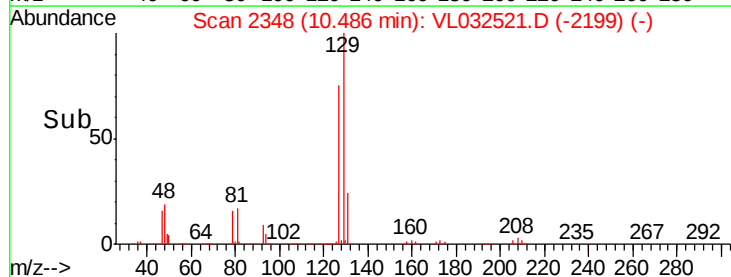
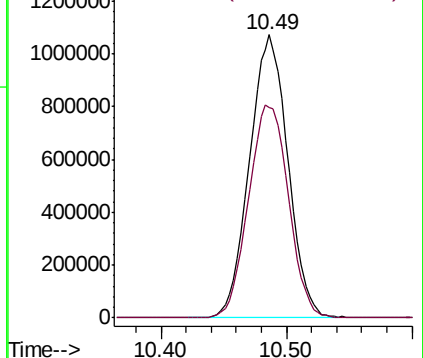
Ion	Ratio	Lower	Upper
129	100		
127	78.8	39.5	118.3

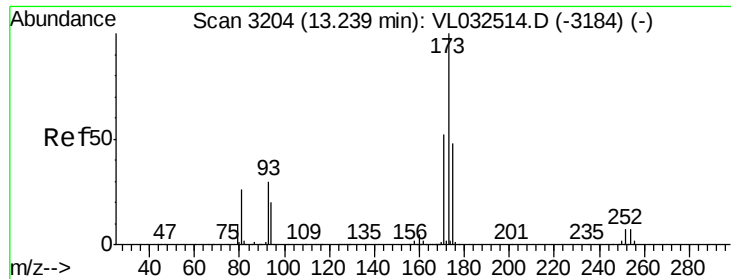


Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 9.904 ppbv

RT: 13.24 min Scan# 3203

Delta R.T. -0.02 min

Lab File: VL032521.D

Acq: 24 Sep 2018 21:38

Instrument :

MSVOA_L

ClientSampleId :

ICVVL092418

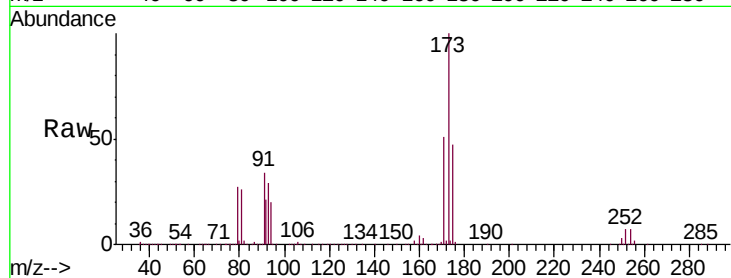
Tgt Ion:173 Resp: 1758805

Ion Ratio Lower Upper

173 100

175 49.0 38.9 58.3

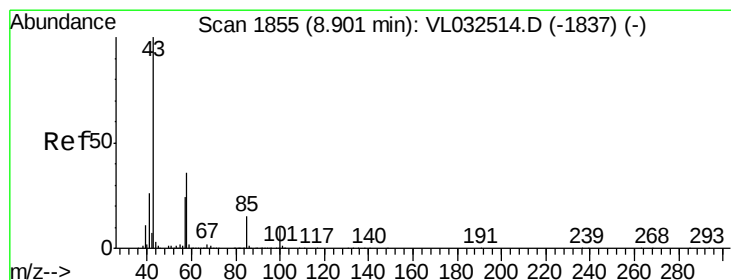
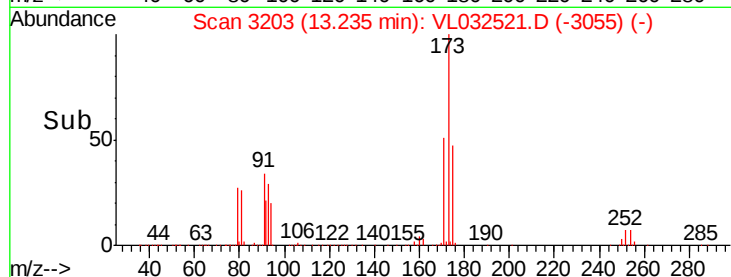
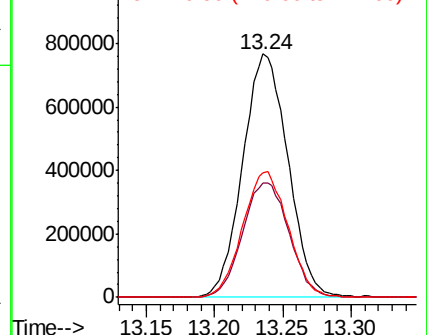
171 52.0 41.6 62.4



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: 8.598 ppbv

RT: 8.90 min Scan# 1854

Delta R.T. -0.02 min

Lab File: VL032521.D

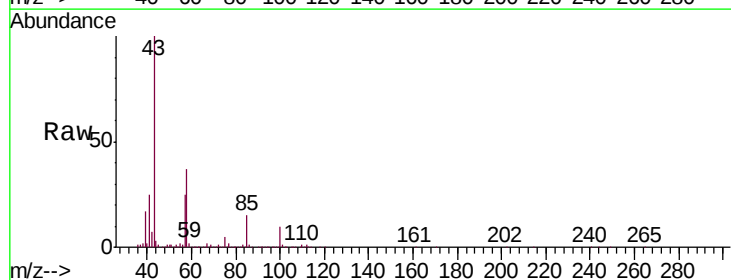
Acq: 24 Sep 2018 21:38

Tgt Ion: 43 Resp: 2940828

Ion Ratio Lower Upper

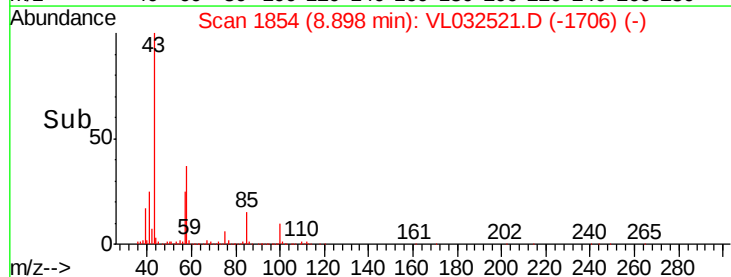
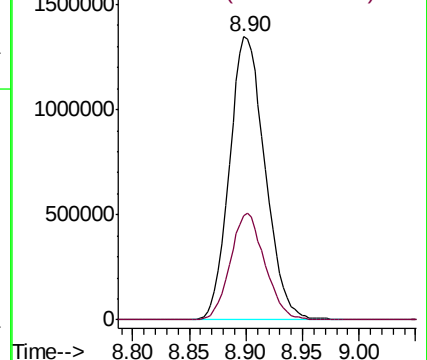
43 100

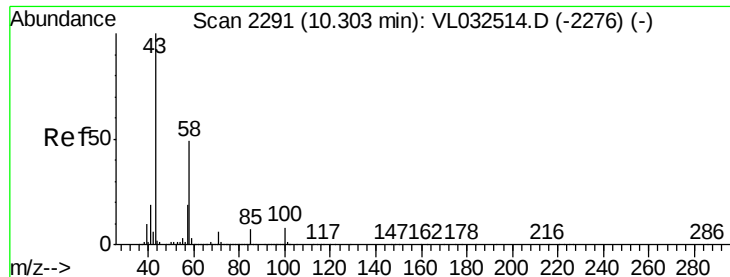
58 36.6 29.0 43.4



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

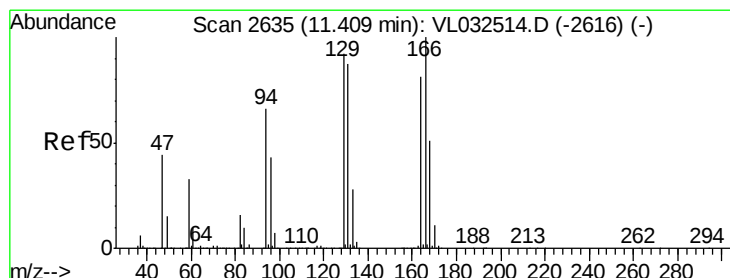
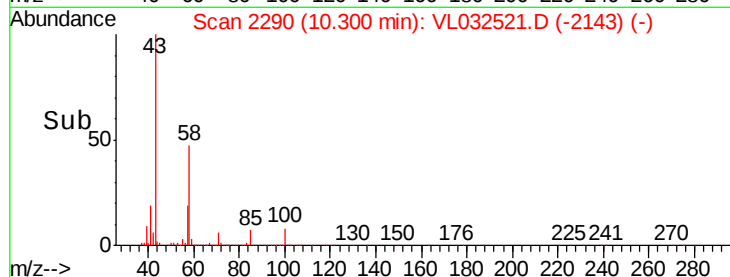
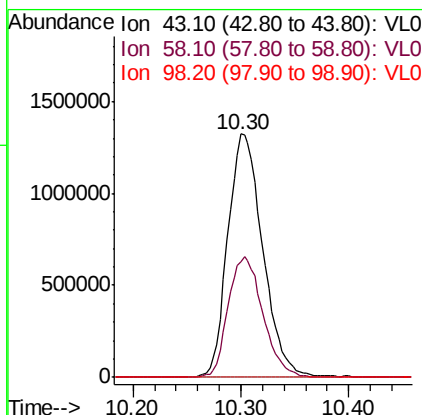
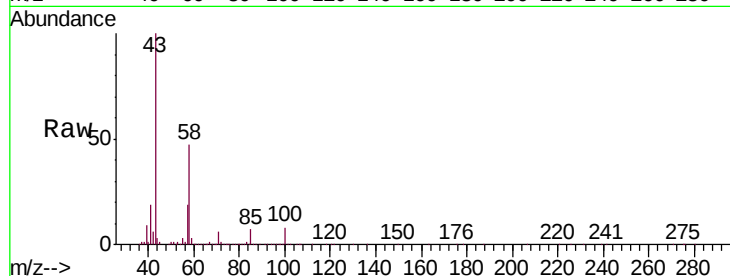




#51
2-Hexanone
Concen: 10.548 ppbv
RT: 10.30 min Scan# 2290
Delta R.T. -0.03 min
Lab File: VL032521.D
Acq: 24 Sep 2018 21:38

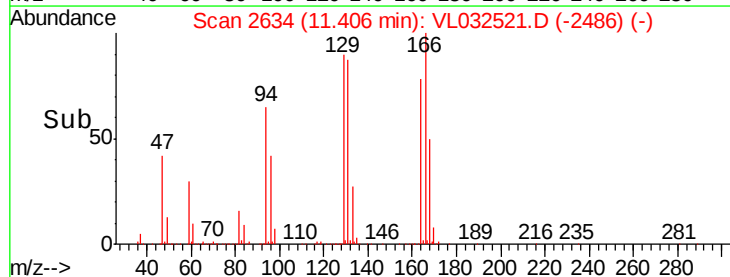
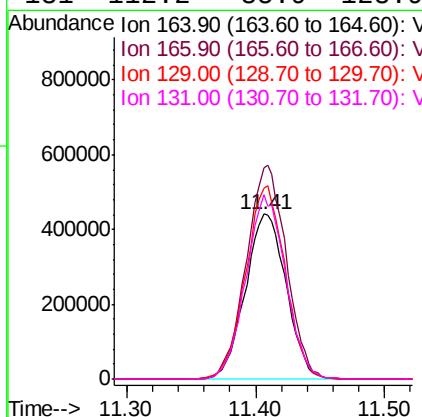
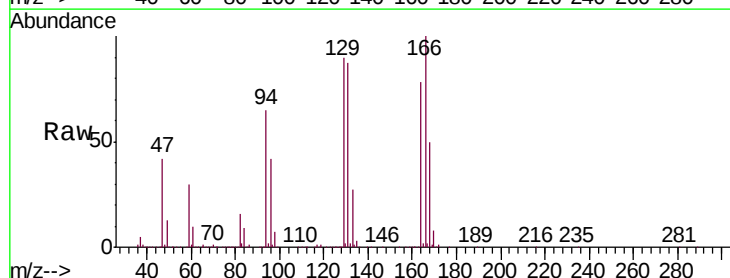
Instrument :
MSVOA_L
ClientSampleId :
ICVVL092418

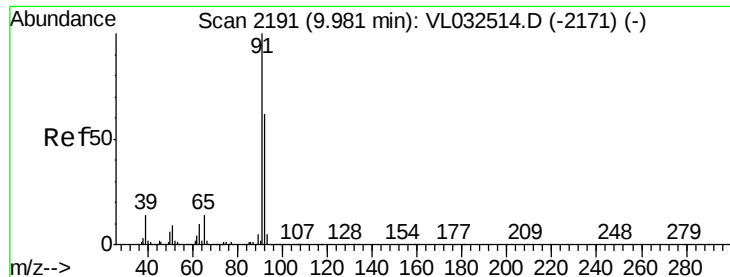
Tgt Ion: 43 Resp: 2983735
Ion Ratio Lower Upper
43 100
58 49.4 39.2 58.8
98 0.5 0.4 0.6



#52
Tetrachloroethene
Concen: 9.468 ppbv
RT: 11.41 min Scan# 2634
Delta R.T. -0.02 min
Lab File: VL032521.D
Acq: 24 Sep 2018 21:38

Tgt Ion: 164 Resp: 973482
Ion Ratio Lower Upper
164 100
166 128.5 100.6 150.8
129 115.9 89.9 134.9
131 112.2 85.9 128.9





#53

Toluene

Concen: 10.727 ppbv

RT: 9.98 min Scan# 2190

Delta R.T. -0.03 min

Lab File: VL032521.D

Acq: 24 Sep 2018 21:38

Instrument :

MSVOA_L

ClientSampleId :

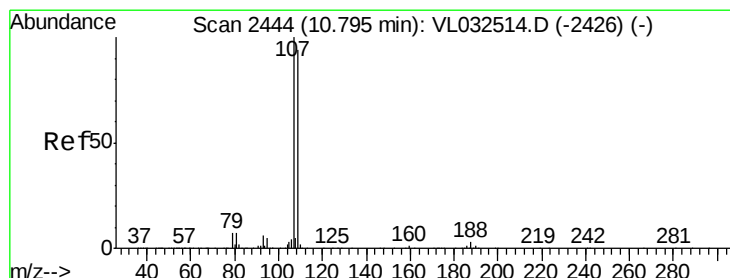
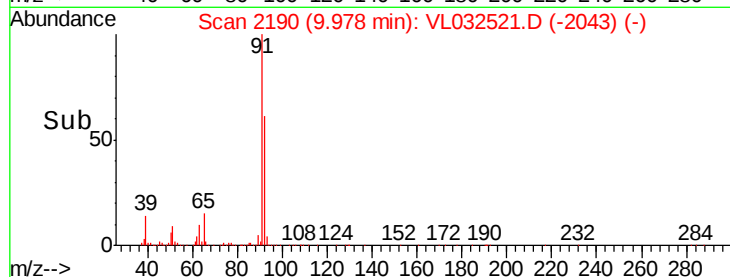
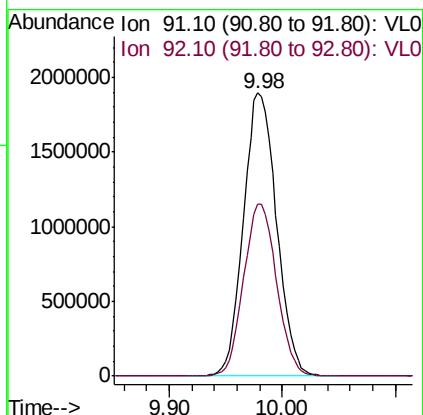
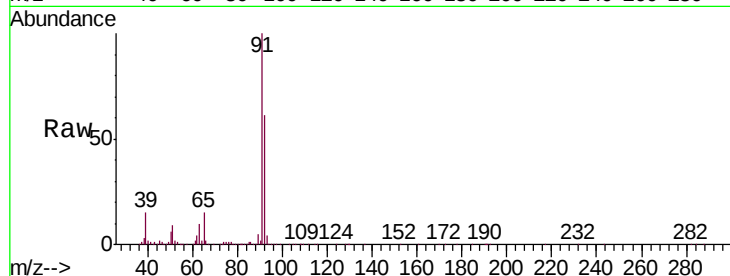
ICVVL092418

Tgt Ion: 91 Resp: 3860129

Ion Ratio Lower Upper

91 100

92 60.7 48.1 72.1



#54

1,2-Dibromoethane

Concen: 9.927 ppbv

RT: 10.80 min Scan# 2444

Delta R.T. -0.02 min

Lab File: VL032521.D

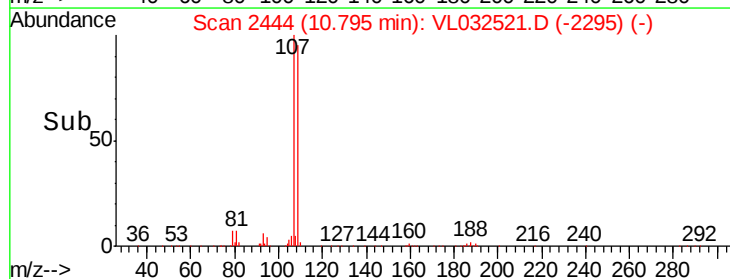
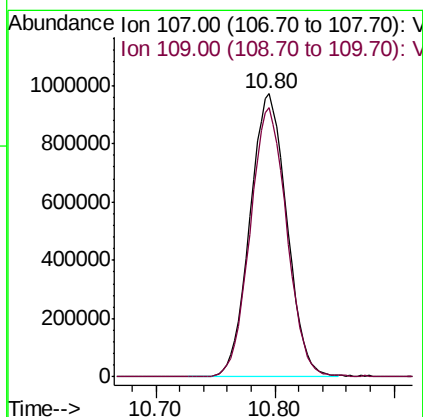
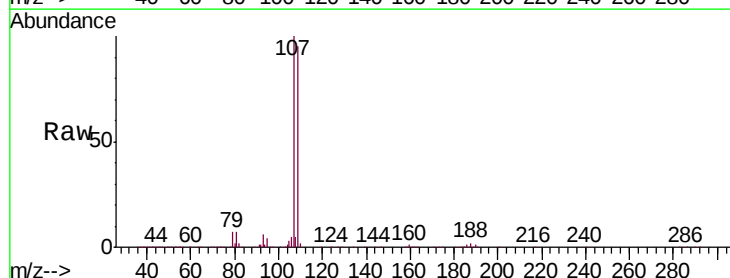
Acq: 24 Sep 2018 21:38

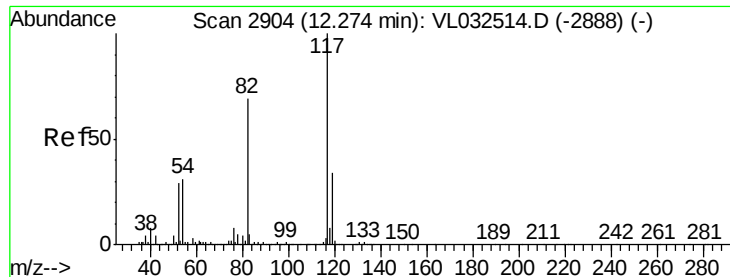
Tgt Ion: 107 Resp: 2086987

Ion Ratio Lower Upper

107 100

109 95.3 73.9 110.9

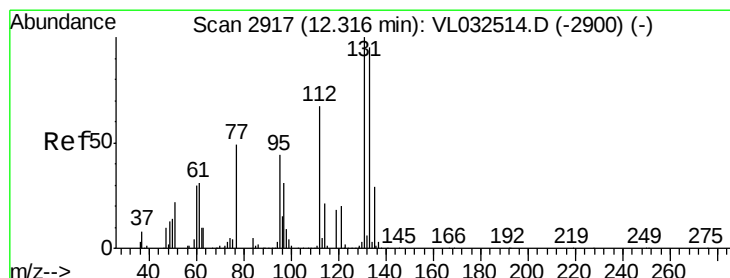
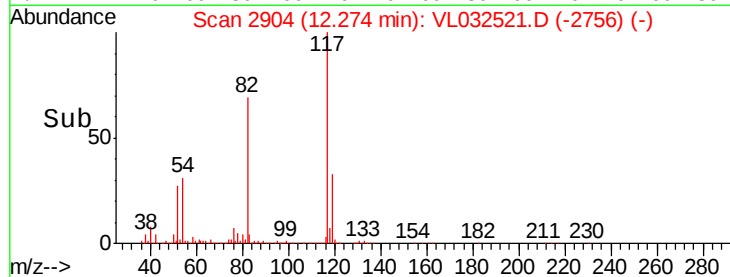
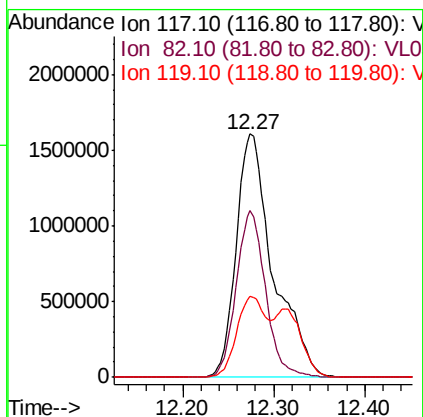
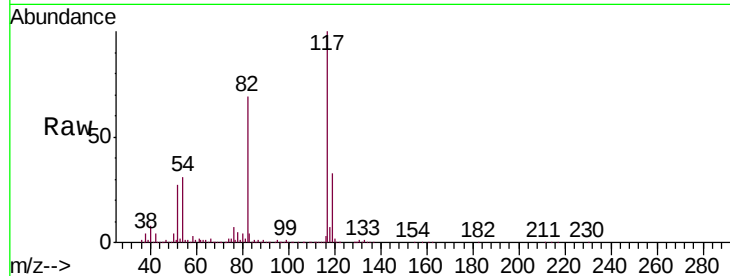




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2904
Delta R.T. -0.02 min
Lab File: VL032521.D
Acq: 24 Sep 2018 21:38

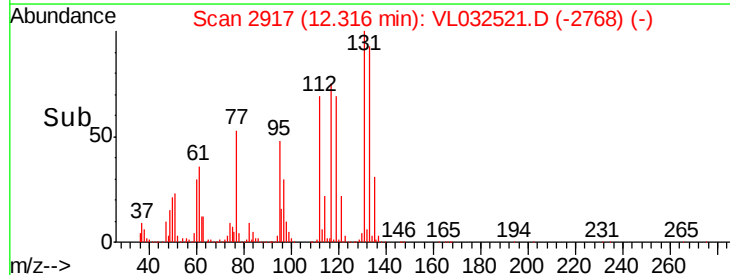
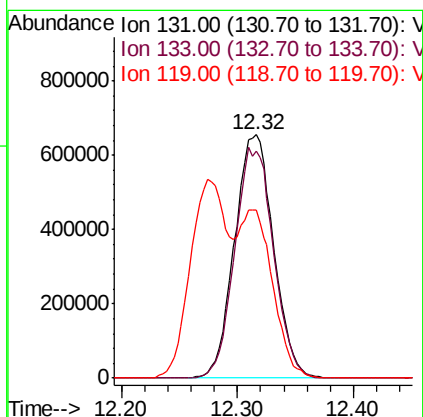
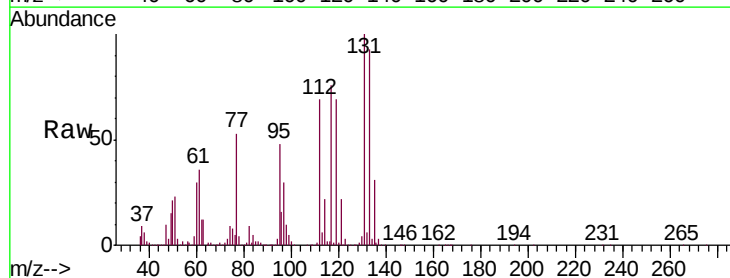
Instrument :
MSVOA_L
ClientSampleId :
ICVVL092418

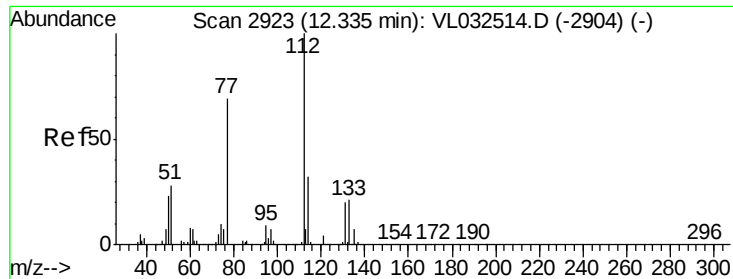
Tgt Ion:117 Resp: 4540627
Ion Ratio Lower Upper
117 100
82 54.5 53.0 79.6
119 47.1 45.9 68.9



#56
1,1,1,2-Tetrachloroethane
Concen: 7.480 ppbv
RT: 12.32 min Scan# 2917
Delta R.T. -0.02 min
Lab File: VL032521.D
Acq: 24 Sep 2018 21:38

Tgt Ion:131 Resp: 1526693
Ion Ratio Lower Upper
131 100
133 94.3 77.0 115.4
119 60.7 114.2 171.2#

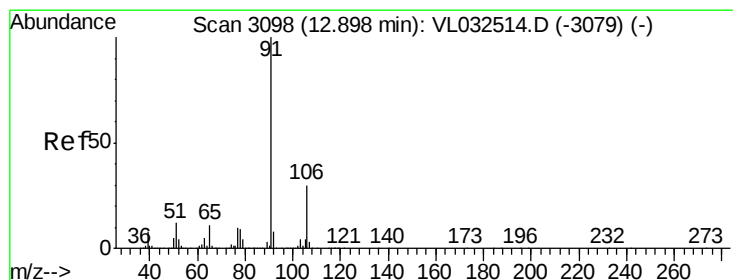
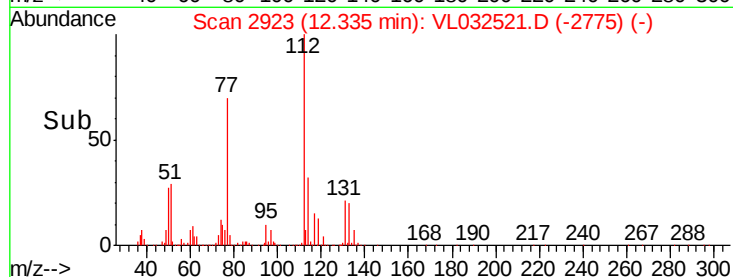
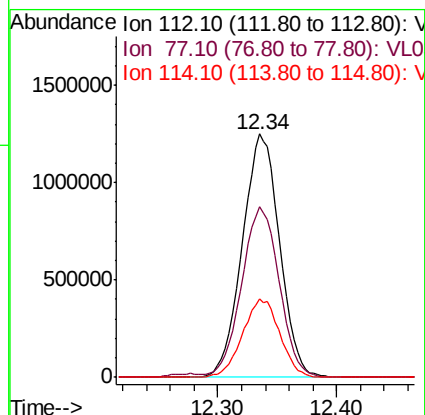
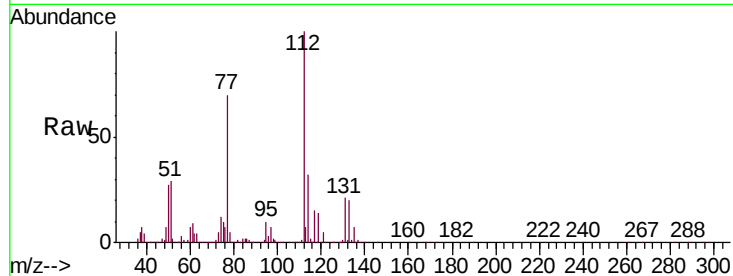




#57
Chlorobenzene
Concen: 7.404 ppbv
RT: 12.34 min Scan# 2923
Delta R.T. -0.02 min
Lab File: VL032521.D
Acq: 24 Sep 2018 21:38

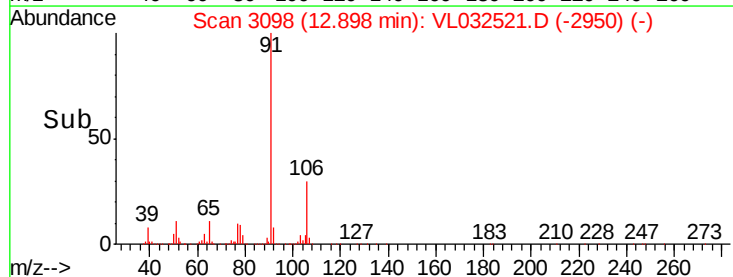
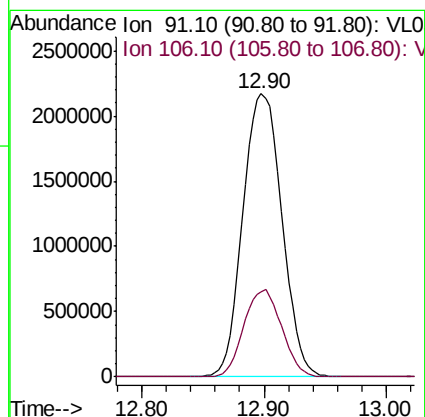
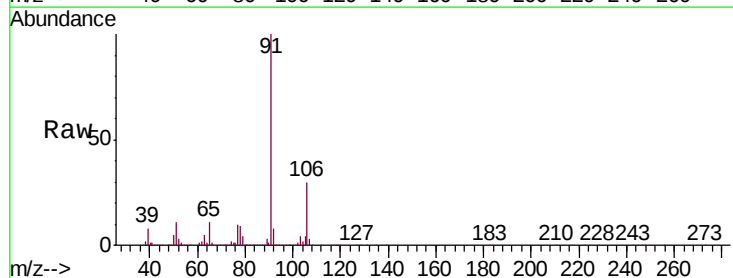
Instrument :
MSVOA_L
ClientSampleId :
ICVVL092418

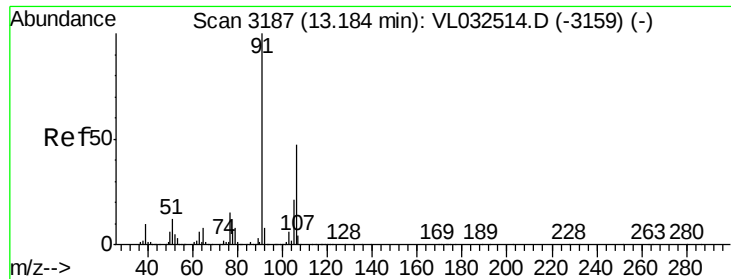
Tgt Ion: 112 Resp: 2708165
Ion Ratio Lower Upper
112 100
77 69.9 56.1 84.1
114 32.3 27.8 34.0



#58
Ethyl Benzene
Concen: 8.710 ppbv
RT: 12.90 min Scan# 3098
Delta R.T. -0.02 min
Lab File: VL032521.D
Acq: 24 Sep 2018 21:38

Tgt Ion: 91 Resp: 4797383
Ion Ratio Lower Upper
91 100
106 30.1 24.8 37.2





#59

m/p-Xylene

Concen: 8.020 ppbv

RT: 13.18 min Scan# 3187

Delta R.T. -0.02 min

Lab File: VL032521.D

Acq: 24 Sep 2018 21:38

Instrument :

MSVOA_L

ClientSampleId :

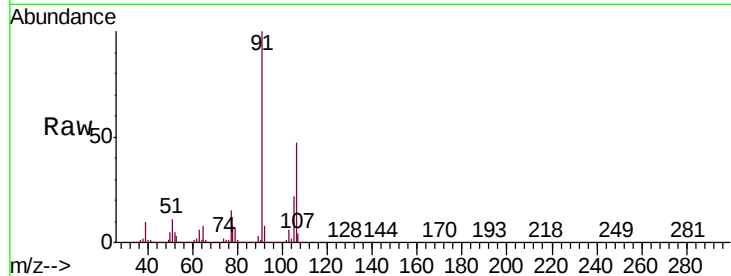
ICVVL092418

Tgt Ion: 91 Resp: 3930400

Ion Ratio Lower Upper

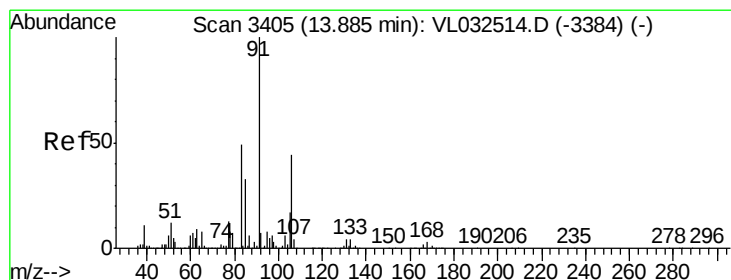
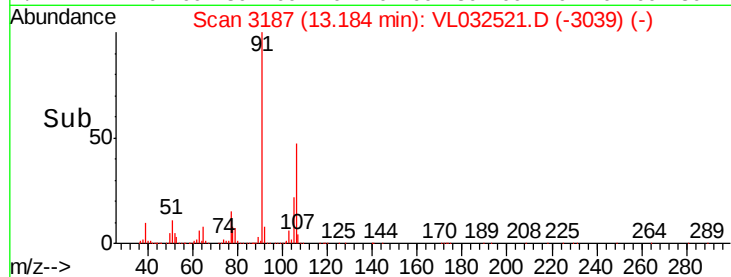
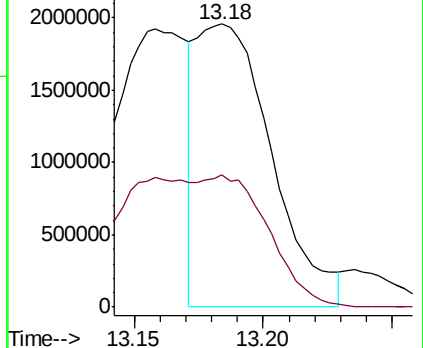
91 100

106 92.0 36.6 55.0#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#60

o-Xylene

Concen: 8.113 ppbv

RT: 13.88 min Scan# 3405

Delta R.T. -0.02 min

Lab File: VL032521.D

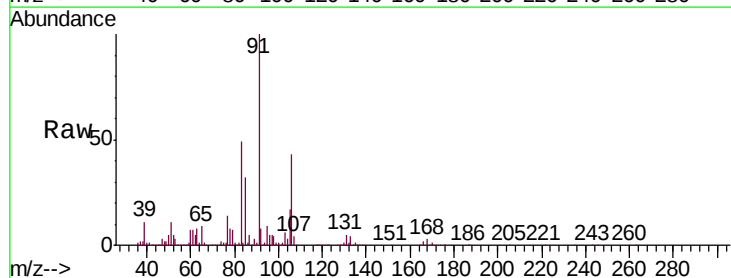
Acq: 24 Sep 2018 21:38

Tgt Ion: 91 Resp: 3870812

Ion Ratio Lower Upper

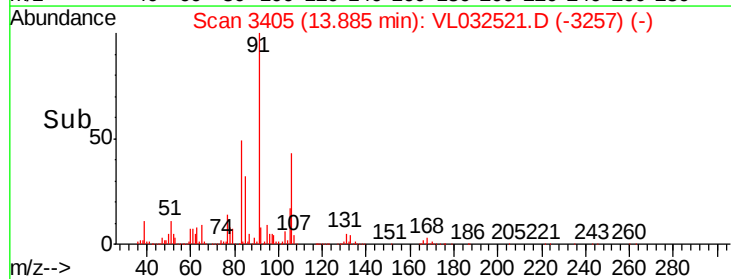
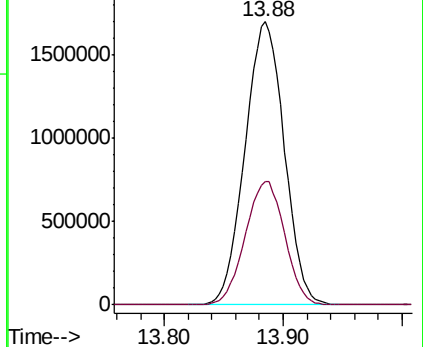
91 100

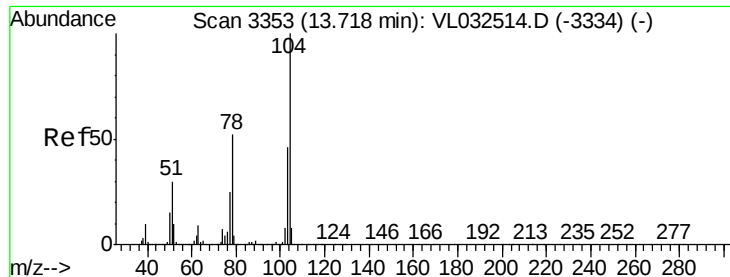
106 44.2 21.9 65.7



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#61

Styrene

Concen: 9.286 ppbv

RT: 13.72 min Scan# 3354

Delta R.T. -0.02 min

Lab File: VL032521.D

Acq: 24 Sep 2018 21:38

Instrument :

MSVOA_L

ClientSampleId :

ICVVL092418

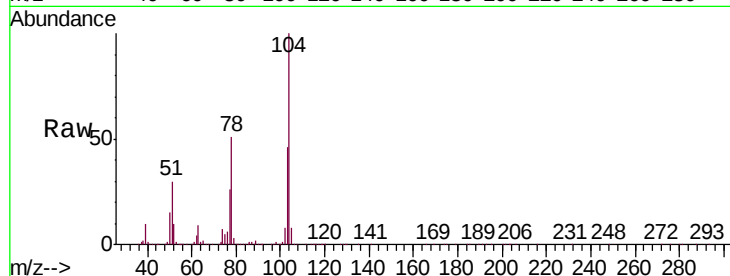
Tgt Ion:104 Resp: 2898096

Ion Ratio Lower Upper

104 100

78 53.0 41.8 62.8

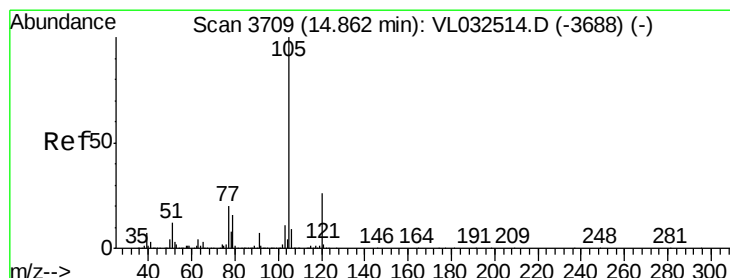
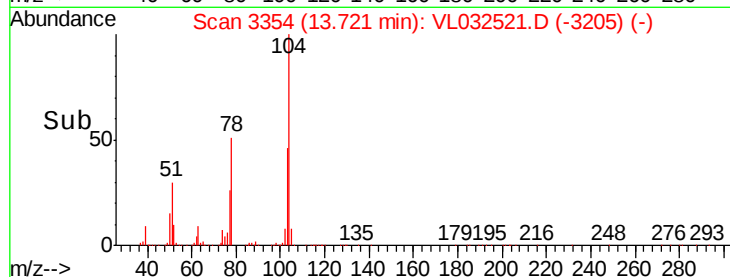
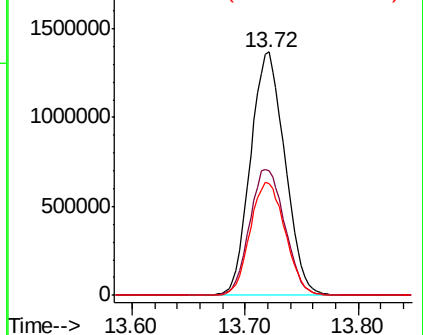
103 47.5 38.0 57.0



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: 8.107 ppbv

RT: 14.86 min Scan# 3709

Delta R.T. -0.02 min

Lab File: VL032521.D

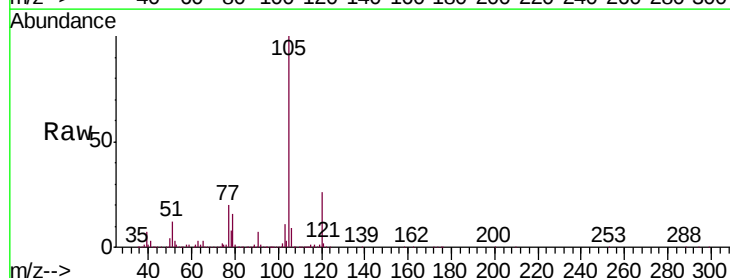
Acq: 24 Sep 2018 21:38

Tgt Ion:105 Resp: 5469858

Ion Ratio Lower Upper

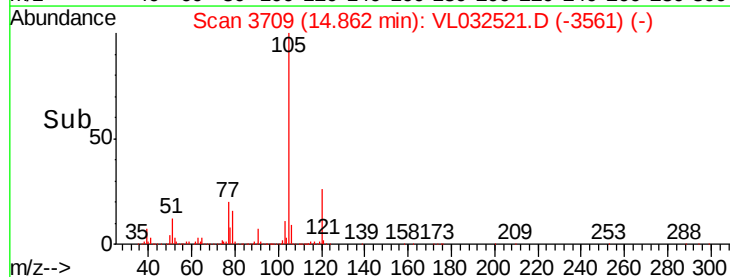
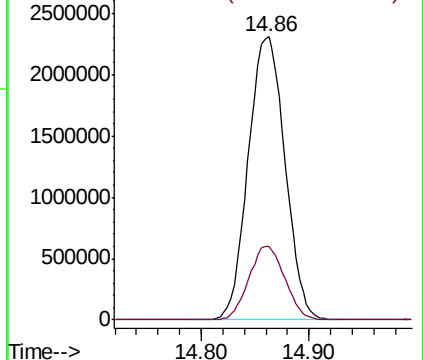
105 100

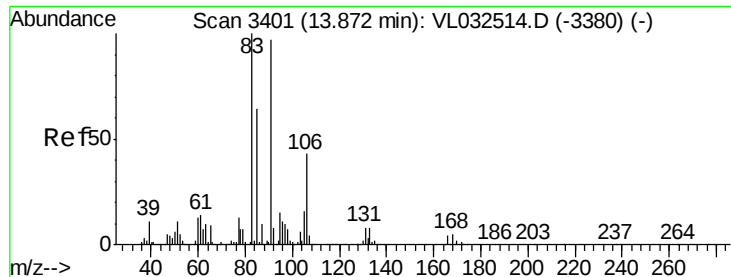
120 25.6 20.6 31.0



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: 6.980 ppbv

RT: 13.87 min Scan# 3400

Delta R.T. -0.03 min

Lab File: VL032521.D

Acq: 24 Sep 2018 21:38

Instrument :

MSVOA_L

ClientSampleId :

ICVVL092418

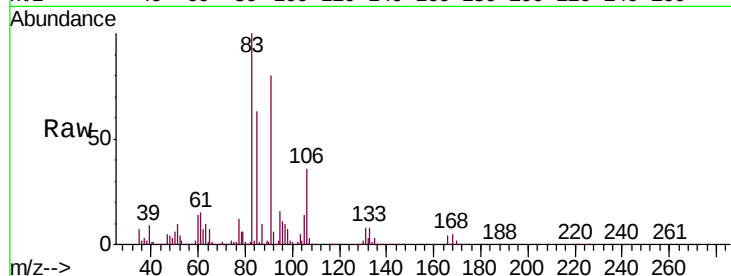
Tgt Ion: 83 Resp: 2958641

Ion Ratio Lower Upper

83 100

131 8.5 4.3 12.8

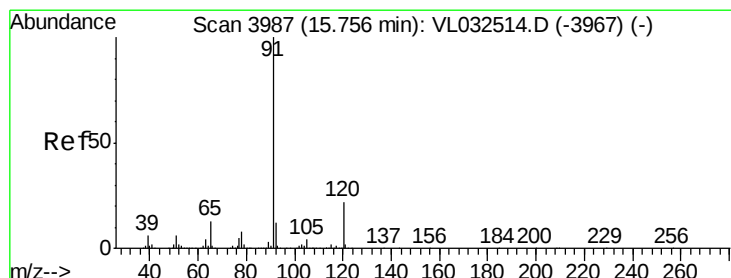
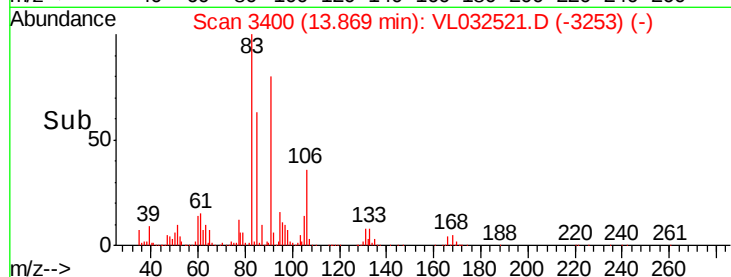
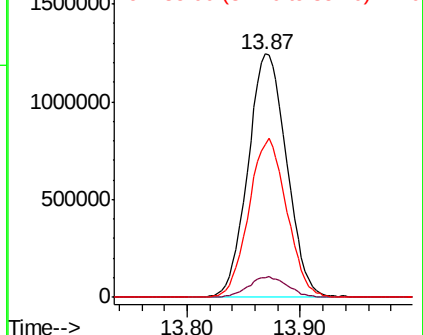
85 64.3 32.3 96.8



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 8.191 ppbv

RT: 15.76 min Scan# 3988

Delta R.T. -0.02 min

Lab File: VL032521.D

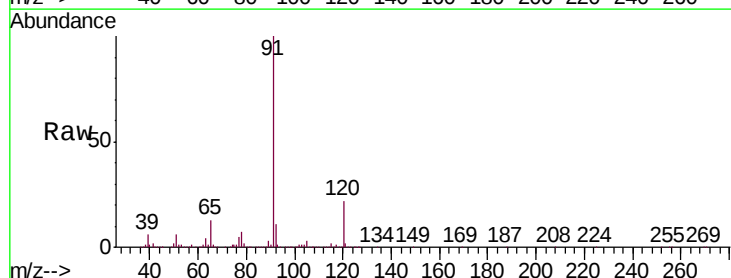
Acq: 24 Sep 2018 21:38

Tgt Ion: 120 Resp: 1419911

Ion Ratio Lower Upper

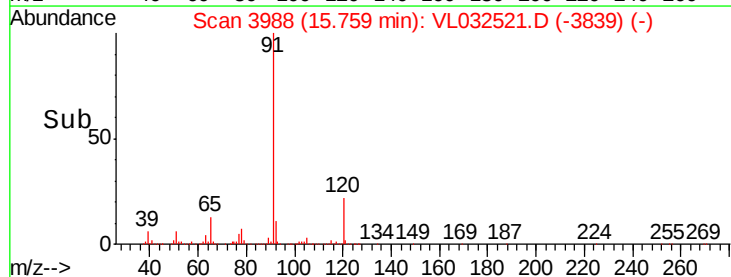
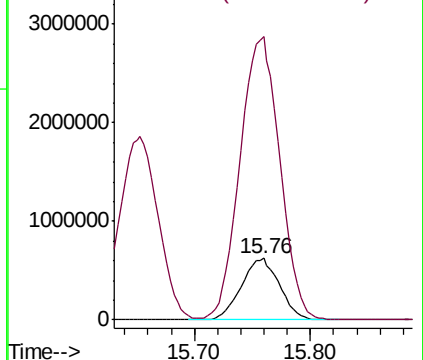
120 100

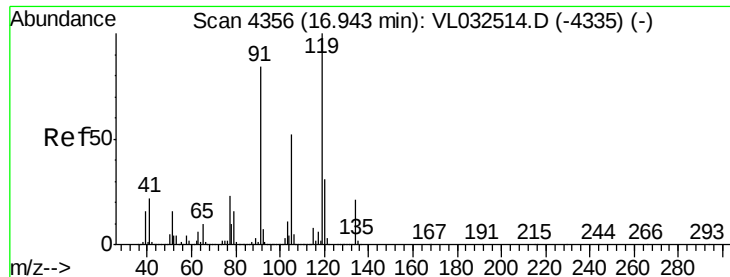
91 483.0 381.8 572.6



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

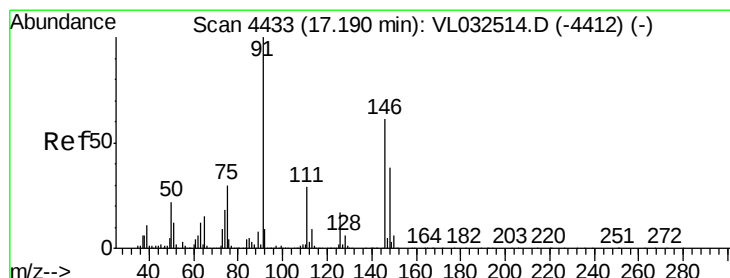
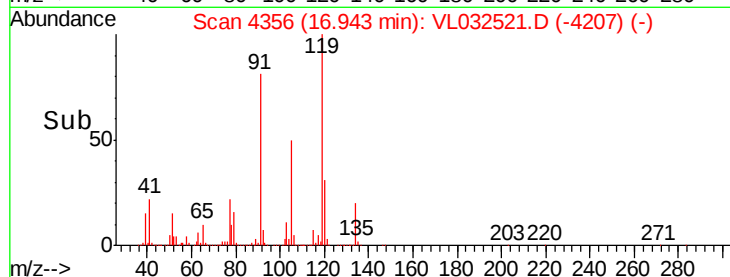
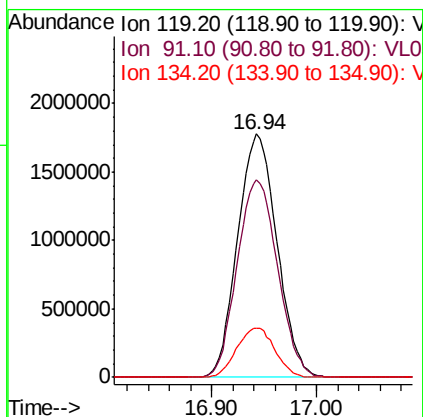
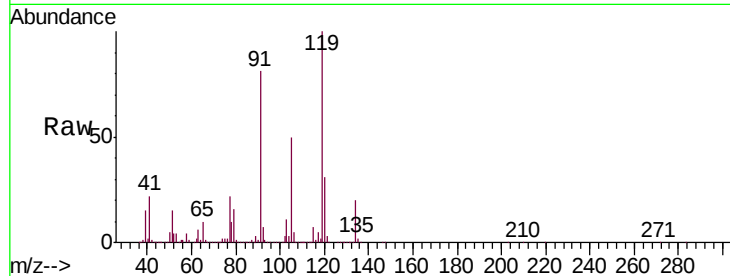




#65
tert-Butylbenzene
Concen: 7.972 ppbv
RT: 16.94 min Scan# 4356
Delta R.T. -0.02 min
Lab File: VL032521.D
Acq: 24 Sep 2018 21:38

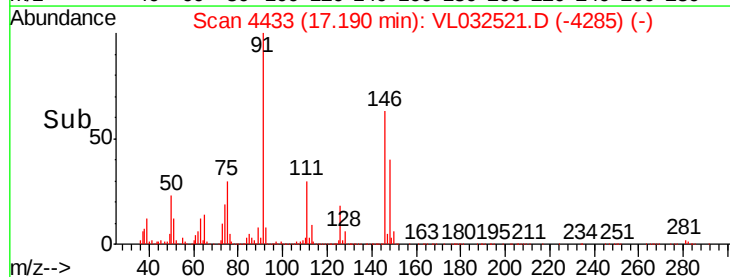
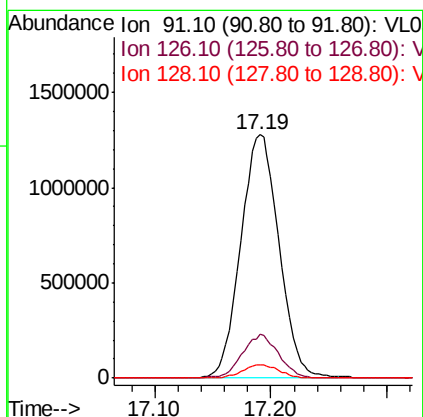
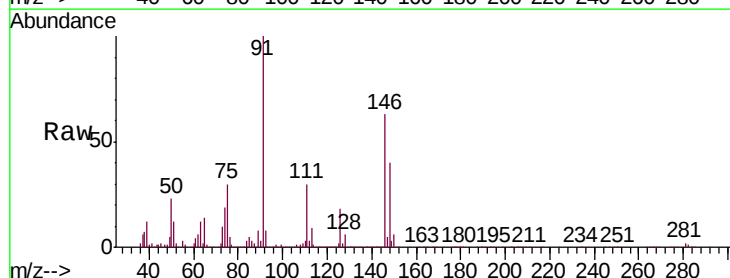
Instrument :
MSVOA_L
ClientSampleId :
ICVVL092418

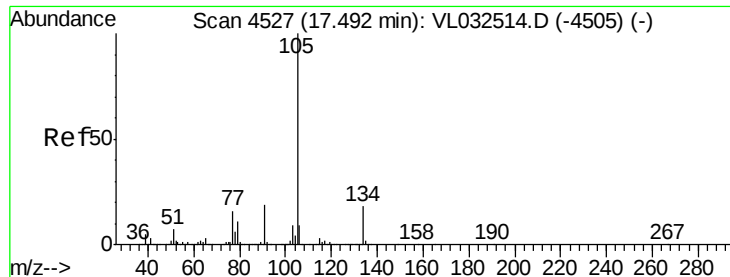
Tgt Ion: 119 Resp: 4610418
Ion Ratio Lower Upper
119 100
91 83.7 66.5 99.7
134 19.7 16.0 24.0



#66
Benzyl Chloride
Concen: 8.768 ppbv
RT: 17.19 min Scan# 4433
Delta R.T. -0.02 min
Lab File: VL032521.D
Acq: 24 Sep 2018 21:38

Tgt Ion: 91 Resp: 2922374
Ion Ratio Lower Upper
91 100
126 17.2 13.8 20.8
128 5.4 4.4 6.6

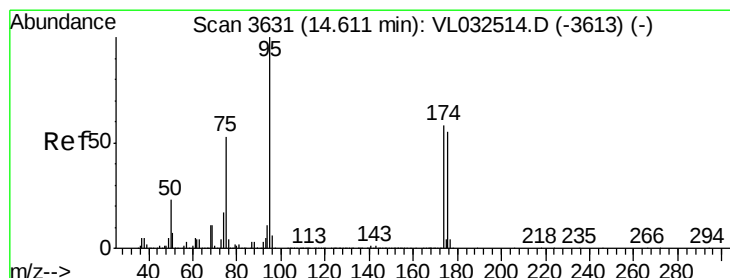
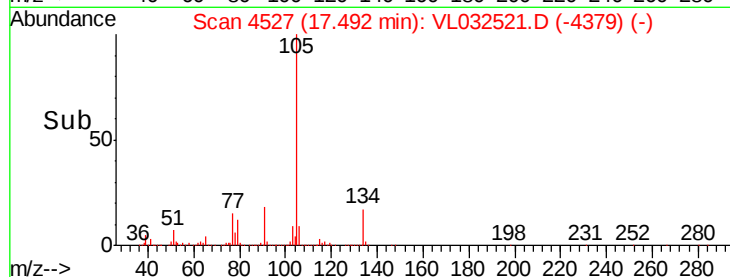
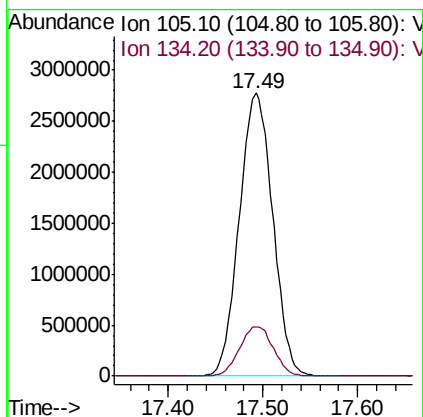
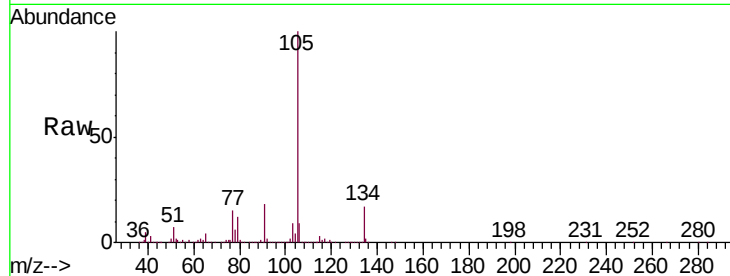




#67
 sec-Butylbenzene
 Concen: 7.938 ppbv
 RT: 17.49 min Scan# 4527
 Delta R.T. -0.02 min
 Lab File: VL032521.D
 Acq: 24 Sep 2018 21:38

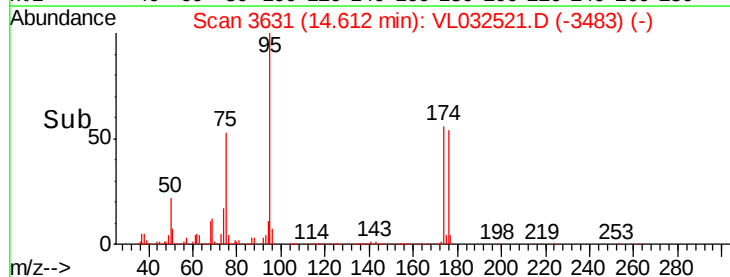
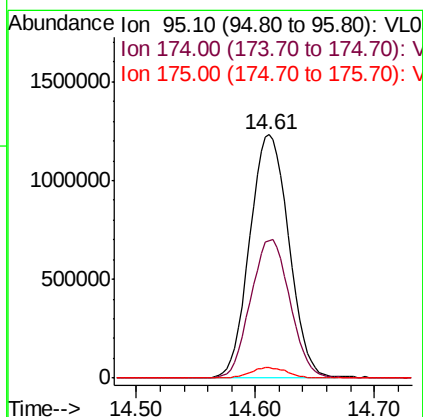
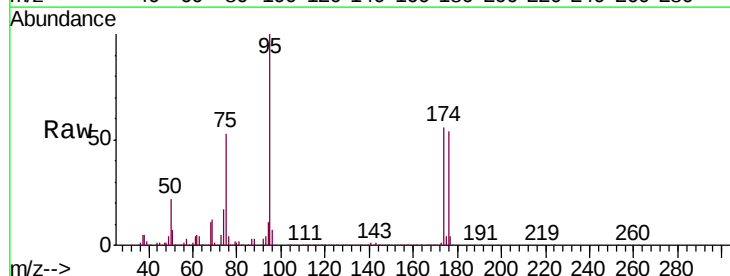
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL092418

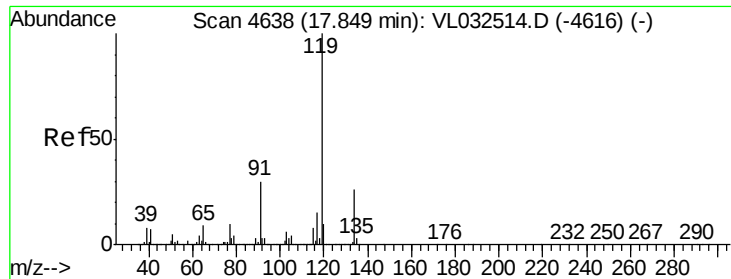
Tgt Ion: 105 Resp: 6825555
 Ion Ratio Lower Upper
 105 100
 134 17.7 14.4 21.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.196 ppbv
 RT: 14.61 min Scan# 3631
 Delta R.T. -0.02 min
 Lab File: VL032521.D
 Acq: 24 Sep 2018 21:38

Tgt Ion: 95 Resp: 2806365
 Ion Ratio Lower Upper
 95 100
 174 57.3 46.3 69.5
 175 4.3 3.4 5.0

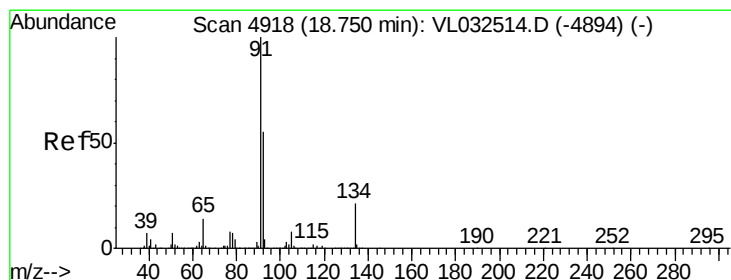
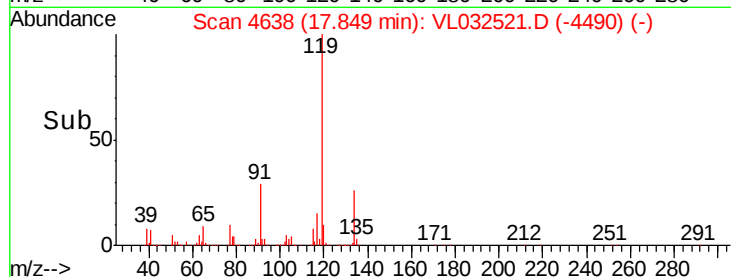
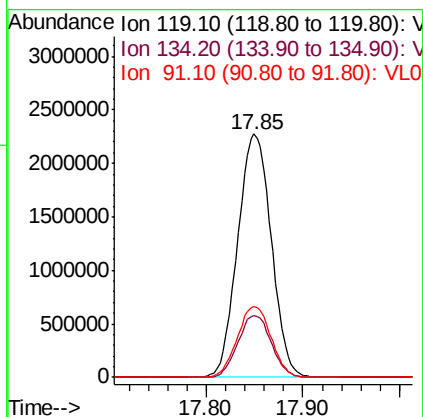
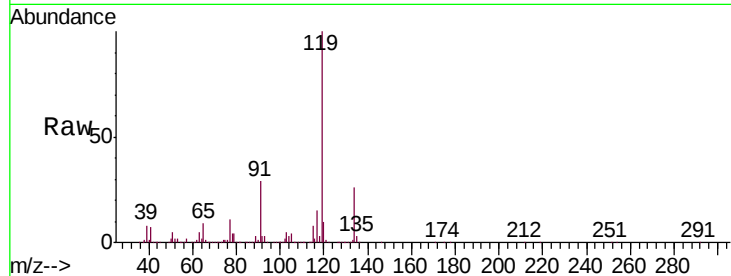




#69
p-Isopropyltoluene
Concen: 8.248 ppbv
RT: 17.85 min Scan# 4638
Delta R.T. -0.02 min
Lab File: VL032521.D
Acq: 24 Sep 2018 21:38

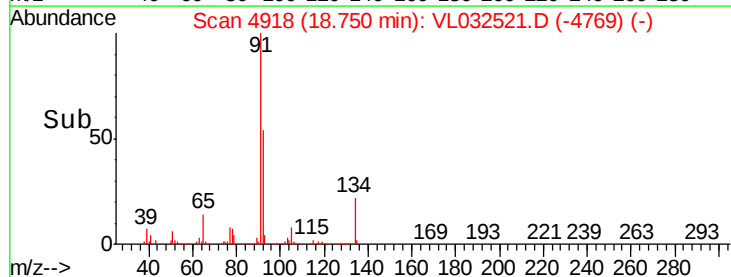
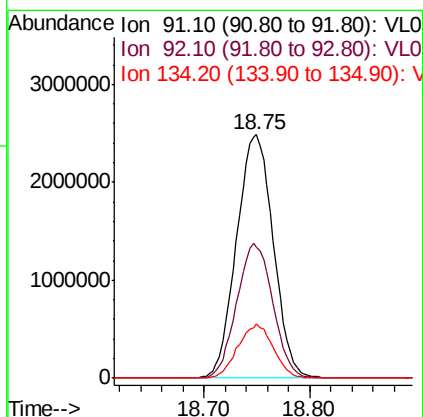
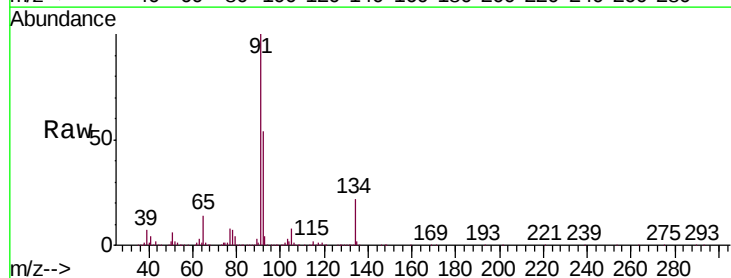
Instrument :
MSVOA_L
ClientSampleId :
ICVVL092418

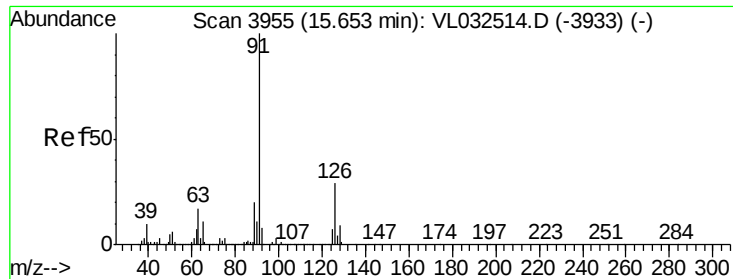
Tgt Ion: 119 Resp: 5477656
Ion Ratio Lower Upper
119 100
134 25.3 20.4 30.6
91 29.2 23.4 35.2



#70
n-Butylbenzene
Concen: 8.290 ppbv
RT: 18.75 min Scan# 4918
Delta R.T. -0.02 min
Lab File: VL032521.D
Acq: 24 Sep 2018 21:38

Tgt Ion: 91 Resp: 6014014
Ion Ratio Lower Upper
91 100
92 54.5 43.8 65.8
134 21.4 17.4 26.0

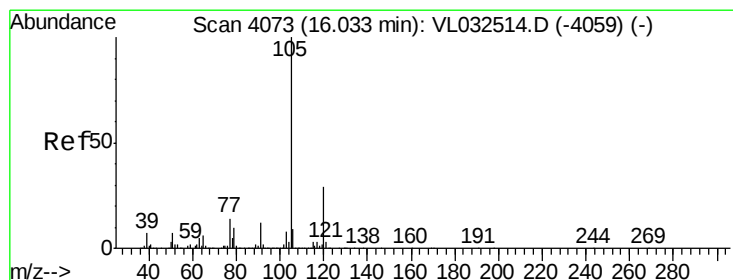
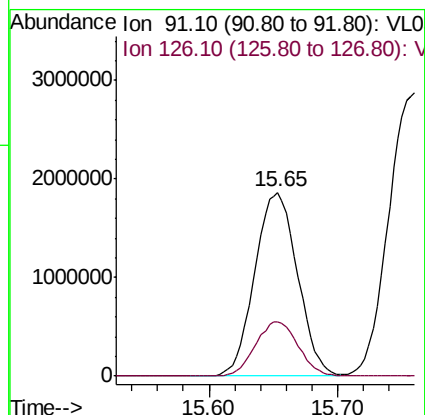
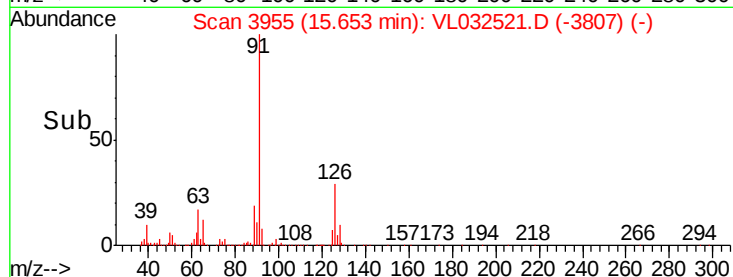
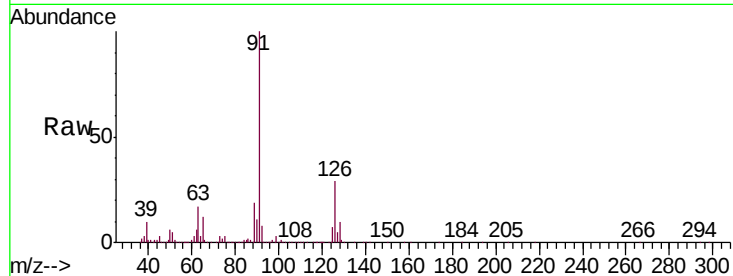




#71
2-Chlorotoluene
Concen: 8.360 ppbv
RT: 15.65 min Scan# 3955
Delta R.T. -0.02 min
Lab File: VL032521.D
Acq: 24 Sep 2018 21:38

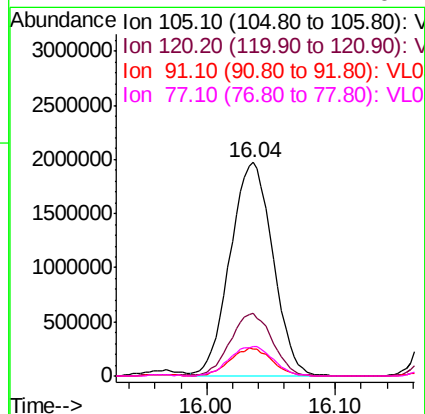
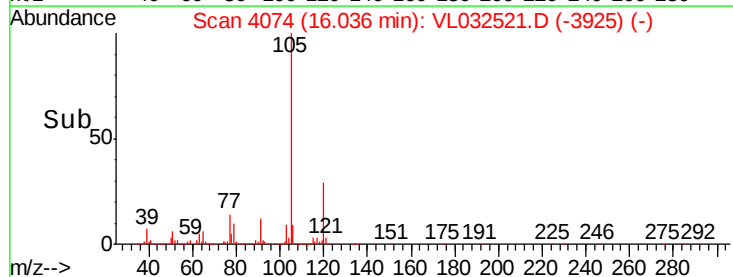
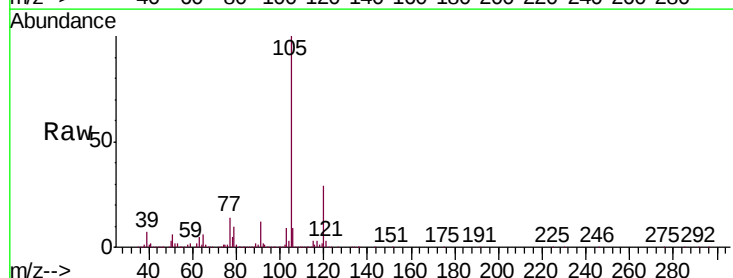
Instrument :
MSVOA_L
ClientSampleId :
ICVVL092418

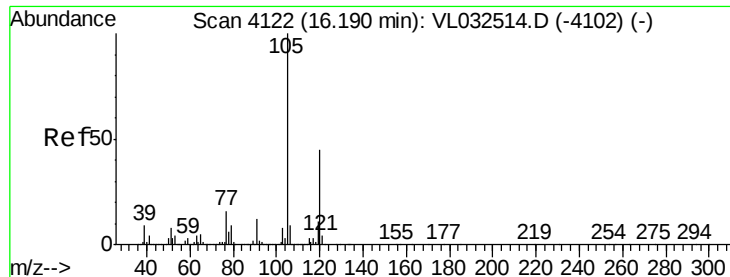
Tgt Ion: 91 Resp: 4296224
Ion Ratio Lower Upper
91 100
126 29.6 11.9 47.7



#72
4-Ethyltoluene
Concen: 8.752 ppbv
RT: 16.04 min Scan# 4074
Delta R.T. -0.02 min
Lab File: VL032521.D
Acq: 24 Sep 2018 21:38

Tgt Ion: 105 Resp: 4532128
Ion Ratio Lower Upper
105 100
120 28.9 23.5 35.3
91 12.7 10.2 15.2
77 14.1 11.1 16.7

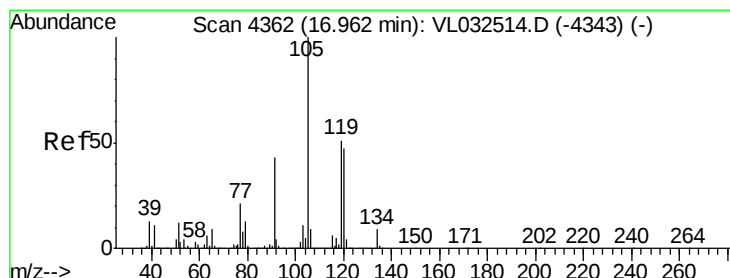
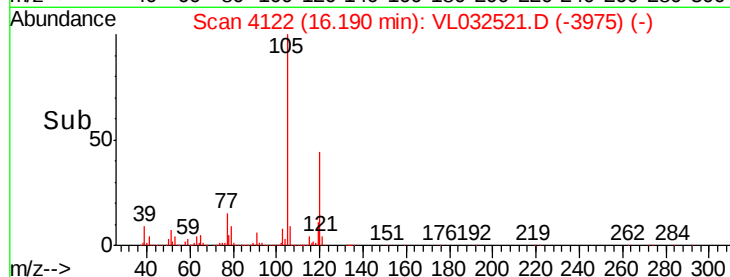
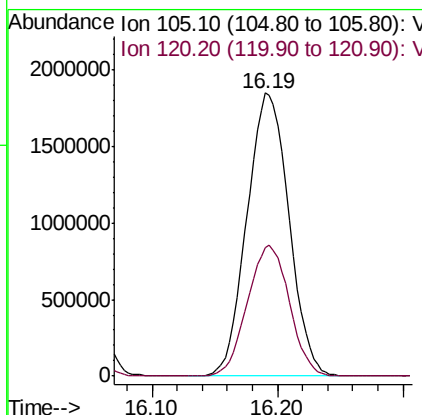
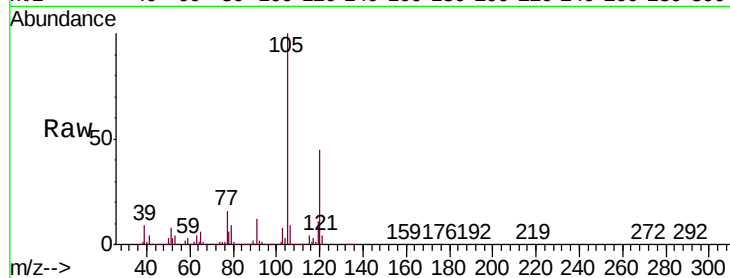




#73
 1,3,5-Trimethylbenzene
 Concen: 8.541 ppbv
 RT: 16.19 min Scan# 4122
 Delta R.T. -0.03 min
 Lab File: VL032521.D
 Acq: 24 Sep 2018 21:38

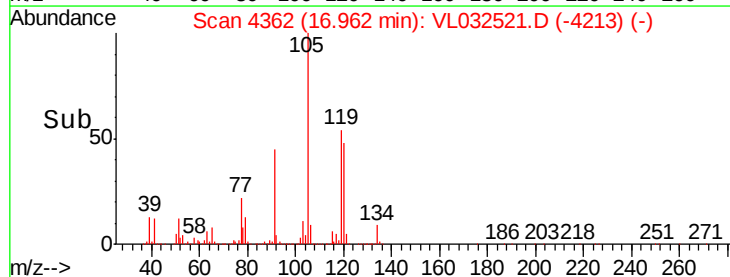
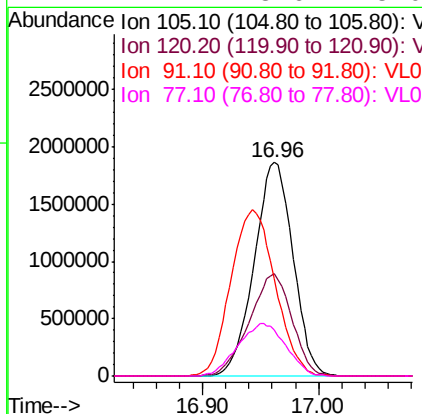
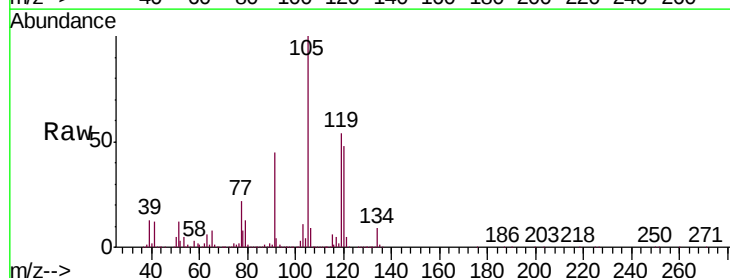
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL092418

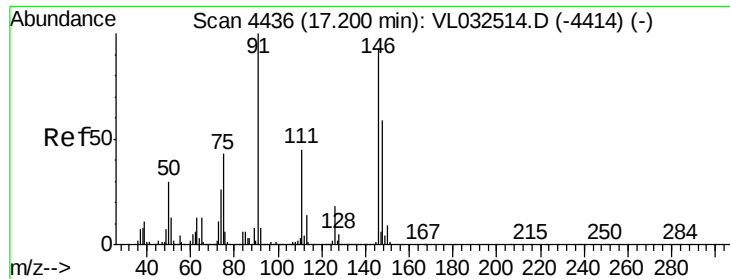
Tgt Ion:105 Resp: 4298655
 Ion Ratio Lower Upper
 105 100
 120 45.2 37.9 56.9



#74
 1,2,4-Trimethylbenzene
 Concen: 7.996 ppbv
 RT: 16.96 min Scan# 4362
 Delta R.T. -0.02 min
 Lab File: VL032521.D
 Acq: 24 Sep 2018 21:38

Tgt Ion:105 Resp: 4332940
 Ion Ratio Lower Upper
 105 100
 120 47.8 37.8 56.8
 91 45.3 41.4 62.0
 77 21.7 18.6 28.0

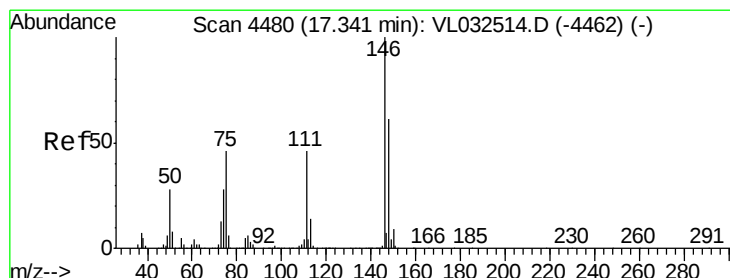
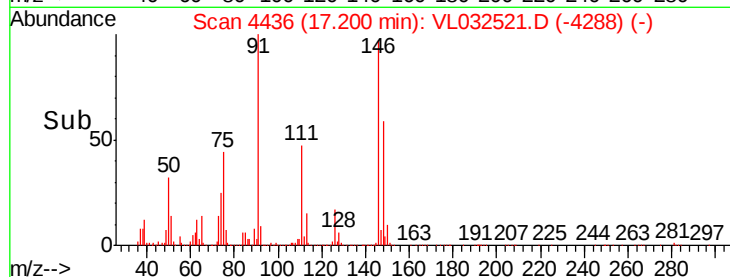
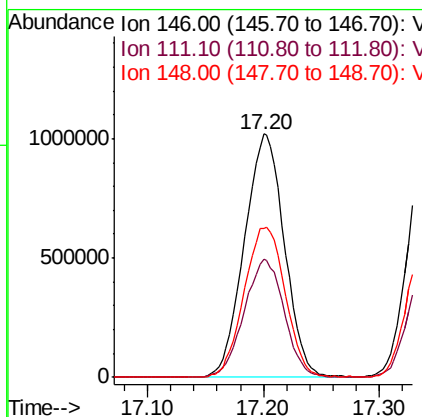
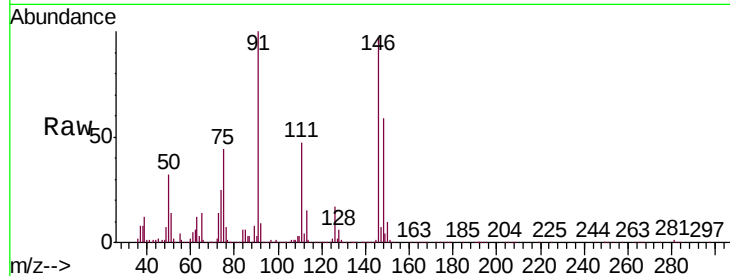




#75
 1,3-Dichlorobenzene
 Concen: 7.312 ppbv
 RT: 17.20 min Scan# 4436
 Delta R.T. -0.02 min
 Lab File: VL032521.D
 Acq: 24 Sep 2018 21:38

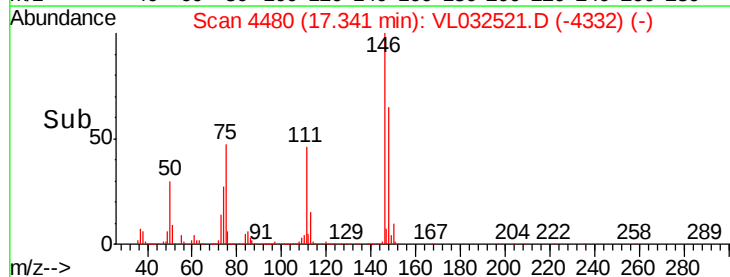
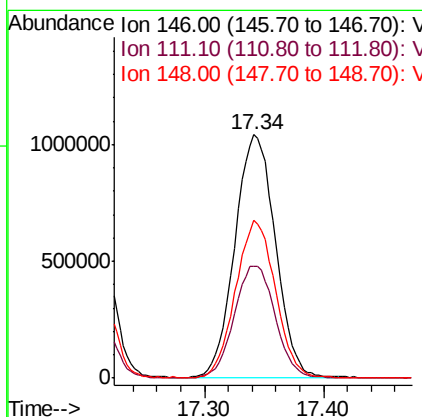
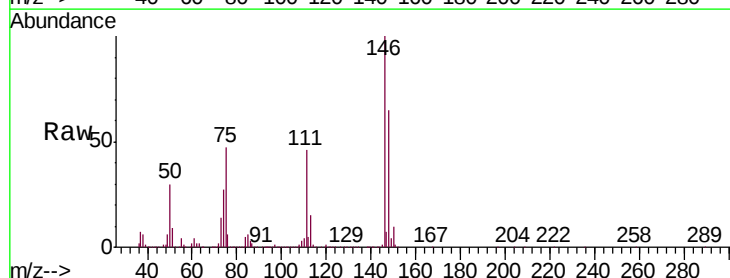
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL092418

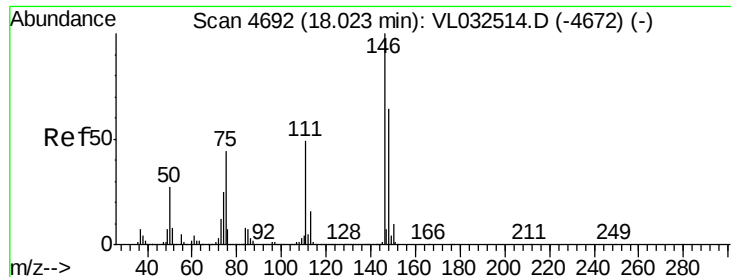
Tgt Ion:146 Resp: 2444856
 Ion Ratio Lower Upper
 146 100
 111 48.7 24.5 73.5
 148 63.7 32.0 96.2



#76
 1,4-Dichlorobenzene
 Concen: 7.972 ppbv
 RT: 17.34 min Scan# 4480
 Delta R.T. -0.02 min
 Lab File: VL032521.D
 Acq: 24 Sep 2018 21:38

Tgt Ion:146 Resp: 2440631
 Ion Ratio Lower Upper
 146 100
 111 47.1 23.4 70.2
 148 64.3 32.0 96.2

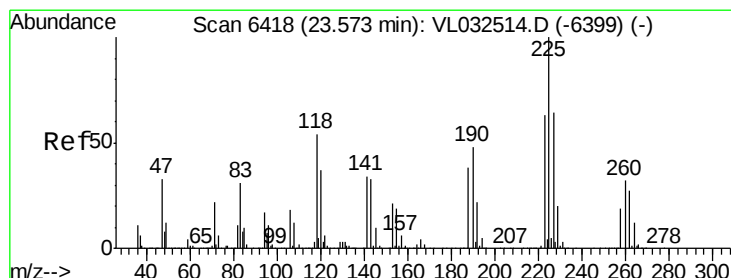
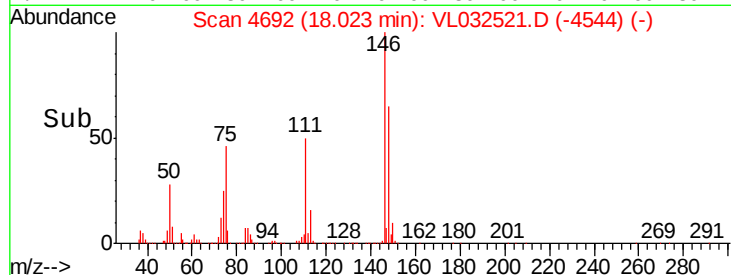
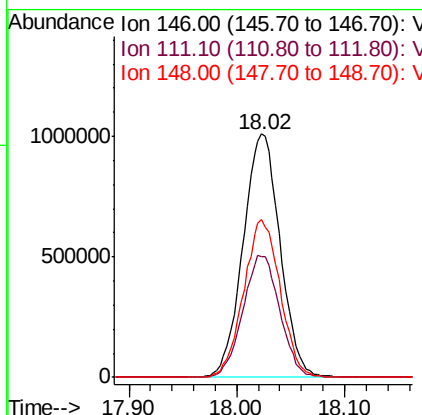
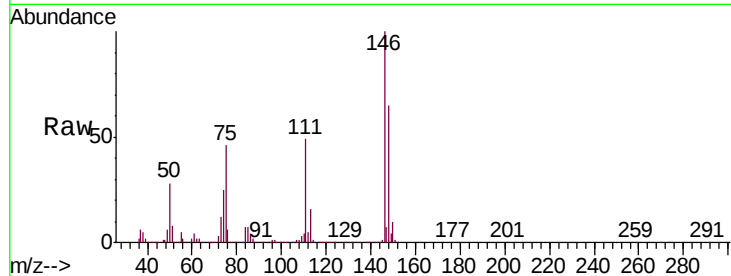




#77
 1,2-Dichlorobenzene
 Concen: 7.639 ppbv
 RT: 18.02 min Scan# 4692
 Delta R.T. -0.02 min
 Lab File: VL032521.D
 Acq: 24 Sep 2018 21:38

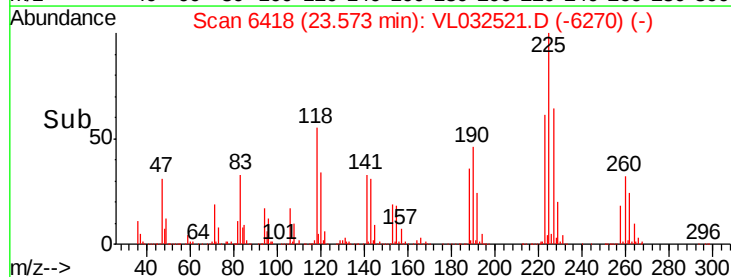
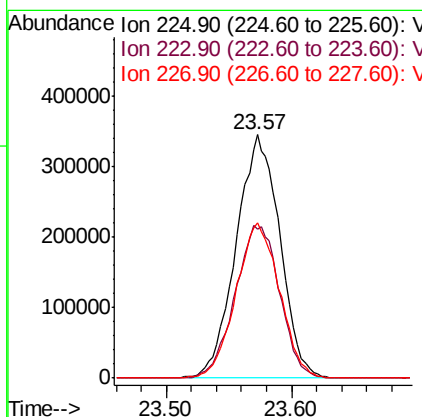
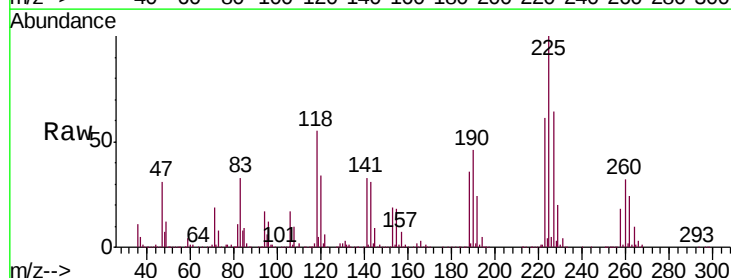
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL092418

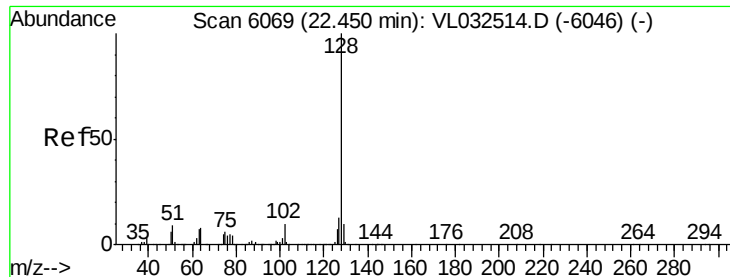
Tgt Ion:146 Resp: 2402146
 Ion Ratio Lower Upper
 146 100
 111 50.2 24.9 74.8
 148 64.3 32.0 96.0



#78
 Hexachloro-1,3-Butadiene
 Concen: 7.070 ppbv
 RT: 23.57 min Scan# 6418
 Delta R.T. -0.02 min
 Lab File: VL032521.D
 Acq: 24 Sep 2018 21:38

Tgt Ion:225 Resp: 834398
 Ion Ratio Lower Upper
 225 100
 223 64.1 50.6 76.0
 227 63.6 51.2 76.8





#79

Naphthalene

Concen: 10.242 ppbv

RT: 22.45 min Scan# 6069

Delta R.T. -0.03 min

Lab File: VL032521.D

Acq: 24 Sep 2018 21:38

Instrument :

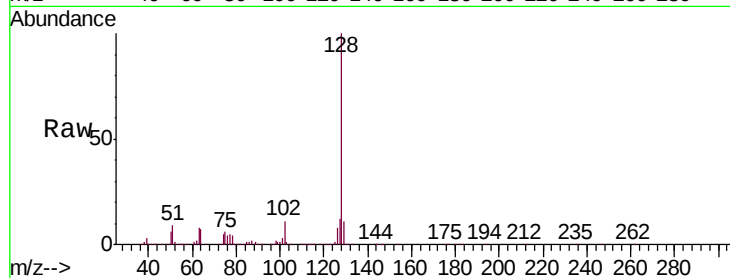
MSVOA_L

ClientSampleId :

ICVVL092418

Tgt Ion:128 Resp: 4002994

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.2
129	10.7	8.5	12.7

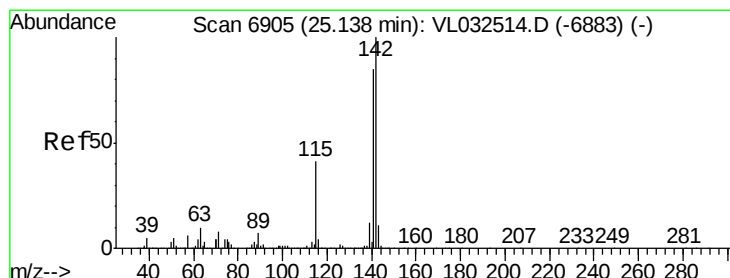
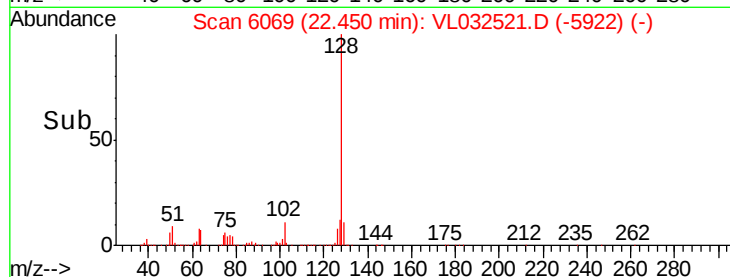
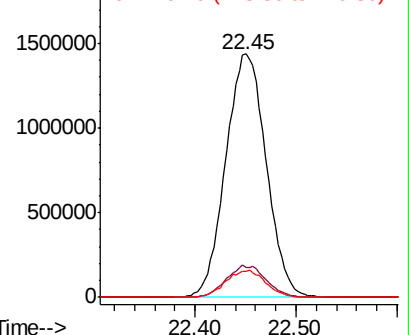


Abundance

Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 16.172 ppbv

RT: 25.14 min Scan# 6905

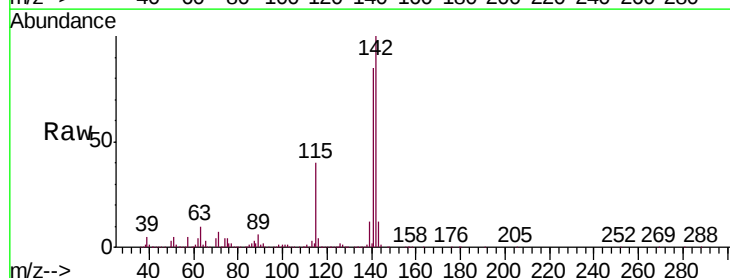
Delta R.T. -0.01 min

Lab File: VL032521.D

Acq: 24 Sep 2018 21:38

Tgt Ion:142 Resp: 1483824

Ion	Ratio	Lower	Upper
142	100		
141	84.8	67.0	100.6
115	40.0	31.3	46.9

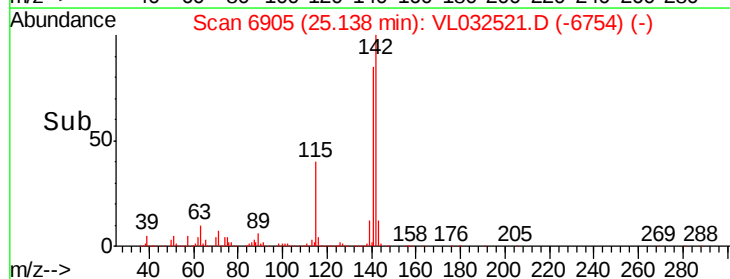
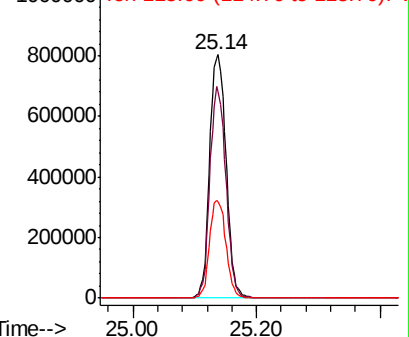


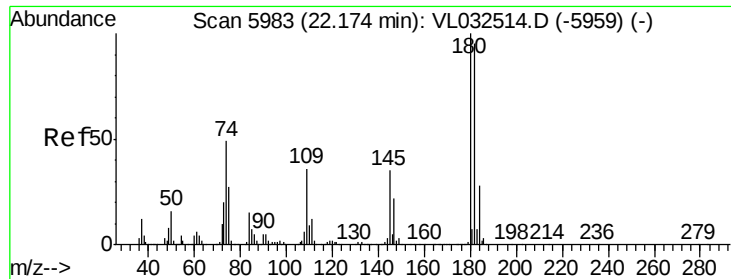
Abundance

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: 9.526 ppbv
 RT: 22.17 min Scan# 5983
 Delta R.T. -0.03 min
 Lab File: VL032521.D
 Acq: 24 Sep 2018 21:38

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL092418

Tgt Ion:180 Resp: 1908281
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.1 114.1
 184 30.2 23.8 35.8

