

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081020\
 Data File : VL035373.D
 Acq On : 10 Aug 2020 14:18
 Operator : SY/AP
 Sample : VL0810ABS01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0810ABS01

Quant Time: Aug 11 04:15:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080520AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 05 13:04:46 2020
 QLast Update : Wed Aug 05 13:04:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1305977	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3232204	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	3422118	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2610738	9.15	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.00	85	1519675	8.748 ppbv	99
3) Chlorodifluoromethane	2.94	51	1448462	9.716 ppbv	99
4) Chloromethane	3.10	50	808609	9.580 ppbv	99
5) Vinyl Chloride	3.21	62	827541	9.532 ppbv	98
6) Bromomethane	3.43	94	536963	10.096 ppbv	98
7) Chloroethane	3.52	64	306666	9.511 ppbv #	87
8) Dichlorotetrafluoroethane	3.14	85	2009557	9.787 ppbv	99
9) Propene	2.96	41	562565	10.590 ppbv	99
10) Heptane	8.13	43	1601285	11.801 ppbv	98
11) Trichlorofluoromethane	3.92	101	2174883	9.664 ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.46	101	1573094	9.779 ppbv	99
13) Ethanol	3.57	45	69663	3.802 ppbv #	37
14) Bromoethene	3.70	108	666386	10.331 ppbv	99
15) Acetone	3.81	43	1628625	8.782 ppbv	98
16) 1,3-Butadiene	3.29	39	754936	10.576 ppbv	98
17) tert-Butyl alcohol	4.26	59	1839556	10.807 ppbv	100
18) 1,1-Dichloroethene	4.26	96	697376	10.096 ppbv	97
19) Isopropyl Alcohol	3.93	45	1209034	10.285 ppbv	99
20) Methylene Chloride	4.31	84	662654	8.762 ppbv	96
21) Allyl Chloride	4.38	41	1102976	10.380 ppbv	99
22) trans-1,2-Dichloroethene	4.86	96	697459	10.413 ppbv	97
23) Vinyl Acetate	5.06	43	1989623	11.188 ppbv	98
24) 1,1-Dichloroethane	4.99	63	1682754	10.069 ppbv	98
25) Ethyl Acetate	5.66	43	2924133	10.377 ppbv	99
26) Hexane	5.67	57	1318251	10.785 ppbv	98
27) Carbon Disulfide	4.52	76	1829638	10.705 ppbv	99
28) Methyl tert-Butyl Ether	5.01	73	1989025	11.191 ppbv	100
29) Chloroform	5.74	83	2091205	9.924 ppbv	98
30) Cyclohexane	7.13	84	1085787	11.715 ppbv	99
31) cis-1,2-Dichloroethene	5.54	61	1256586	11.564 ppbv	97
32) 1,1,1-Trichloroethane	6.51	97	2090573	9.439 ppbv	99
34) 2-Butanone	5.22	43	1760662	11.063 ppbv	99
35) Carbon Tetrachloride	7.02	117	2215195	9.959 ppbv	99
36) Benzene	6.89	78	2527006	11.578 ppbv	99
37) 1,2-Dichloroethane	6.30	62	1607332	10.541 ppbv	100
38) Trichloroethene	7.84	130	1093265	10.859 ppbv	98
39) 1,2-Dichloropropane	7.62	63	967640	10.951 ppbv	97
40) 1,4-Dioxane	7.83	88	431393	11.401 ppbv #	1
41) Tetrahydrofuran	6.04	42	958900	12.278 ppbv	99
42) Bromodichloromethane	7.80	83	2261522	11.045 ppbv	96
43) Methyl Methacrylate	8.02	69	1151612	12.542 ppbv	99

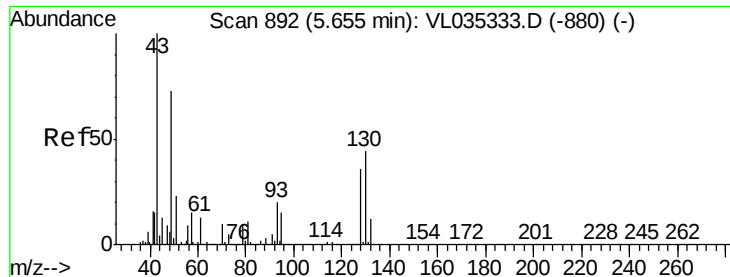
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081020\
 Data File : VL035373.D
 Acq On : 10 Aug 2020 14:18
 Operator : SY/AP
 Sample : VL0810ABS01
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Quant Time: Aug 11 04:15:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080520AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 05 13:04:46 2020
 QLast Update : Wed Aug 05 13:04:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	4380885	11.298	ppbv	99
45) t-1,3-Dichloropropene	9.30	75	1278151	13.419	ppbv	100
46) cis-1,3-Dichloropropene	8.72	75	1515965	13.178	ppbv	99
47) 1,1,2-Trichloroethane	9.49	97	1115472	10.500	ppbv	97
48) Dibromochloromethane	10.33	129	1956940	11.245	ppbv	99
49) Bromoform	13.08	173	1806852	11.394	ppbv	99
50) 4-Methyl-2-Pentanone	8.75	43	2765993	11.383	ppbv	100
51) 2-Hexanone	10.15	43	2277925	11.958	ppbv #	99
52) Tetrachloroethene	11.25	164	981042	11.337	ppbv	99
53) Toluene	9.82	91	3041769	12.811	ppbv	100
54) 1,2-Dibromoethane	10.64	107	1704208	11.181	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.16	131	1523823	9.434	ppbv #	89
57) Chlorobenzene	12.18	112	2494119	9.679	ppbv	98
58) Ethyl Benzene	12.74	91	4110289	11.543	ppbv	95
59) m/p-Xylene	13.02	91	3003910	9.060	ppbv #	9
60) o-Xylene	13.73	91	3535807	10.746	ppbv	99
61) Styrene	13.56	104	2492503	12.404	ppbv	99
62) Isopropylbenzene	14.70	105	5251557	10.600	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.71	83	2567573	9.147	ppbv	99
64) n-propylbenzene	15.60	120	1435161	10.779	ppbv	99
65) tert-Butylbenzene	16.78	119	4811461	10.606	ppbv	99
66) Benzyl Chloride	17.03	91	2027643	11.292	ppbv	99
67) sec-Butylbenzene	17.34	105	6622559	10.320	ppbv	100
69) p-Isopropyltoluene	17.69	119	5688574	10.874	ppbv	99
70) n-Butylbenzene	18.59	91	5892732	10.530	ppbv	100
71) 2-Chlorotoluene	15.49	91	4077622	11.236	ppbv	99
72) 4-Ethyltoluene	15.87	105	4220585	11.250	ppbv	99
73) 1,3,5-Trimethylbenzene	16.03	105	3995840	11.100	ppbv	99
74) 1,2,4-Trimethylbenzene	16.80	105	4270692	10.380	ppbv	98
75) 1,3-Dichlorobenzene	17.04	146	2559076	9.508	ppbv	99
76) 1,4-Dichlorobenzene	17.18	146	2513027	10.082	ppbv	100
77) 1,2-Dichlorobenzene	17.86	146	2432658	9.794	ppbv	99
78) Hexachloro-1,3-Butadiene	23.42	225	1950425	9.229	ppbv	99
79) Naphthalene	22.26	128	4072411	12.869	ppbv	100
80) Naphthalene, 2-methyl-	25.01	142	1398718	19.431	ppbv	98
81) 1,2,4-Trichlorobenzene	21.99	180	2294157	11.504	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. 0.00 min

Lab File: VL035373.D

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MSVOA_L

ClientSampleId :

VL0810ABS01

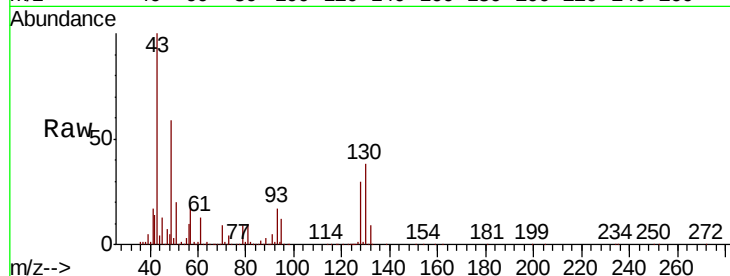
Tot Ion: 49 Resp: 1305977

Ion Ratio Lower Upper

49 100

128 50.0 25.4 76.0

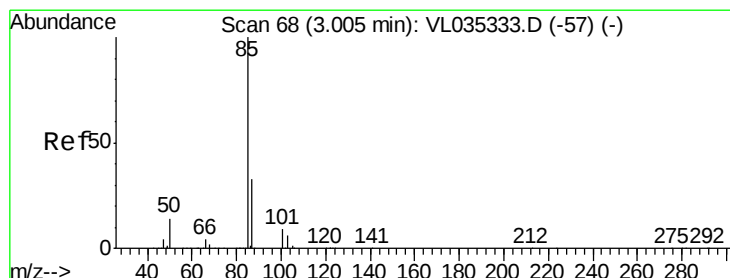
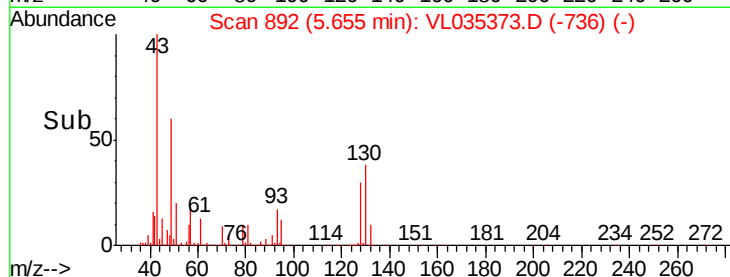
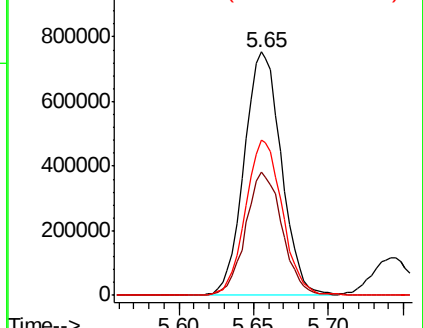
130 63.6 32.1 96.3



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: 8.748 ppbv

RT: 3.00 min Scan# 67

Delta R.T. -0.00 min

Lab File: VL035373.D

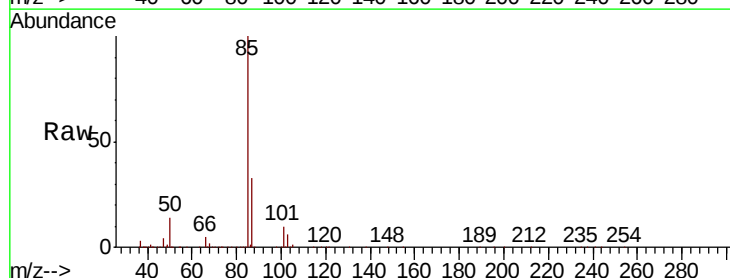
Acq: 10 Aug 2020 14:18

Tgt Ion: 85 Resp: 1519675

Ion Ratio Lower Upper

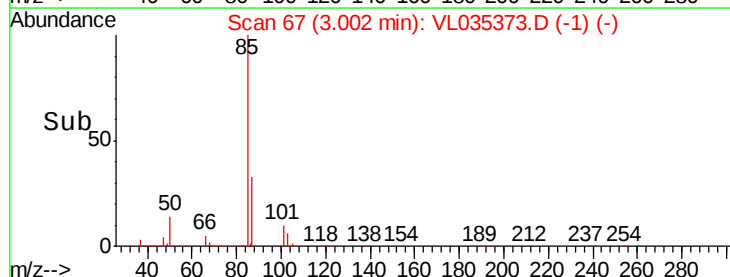
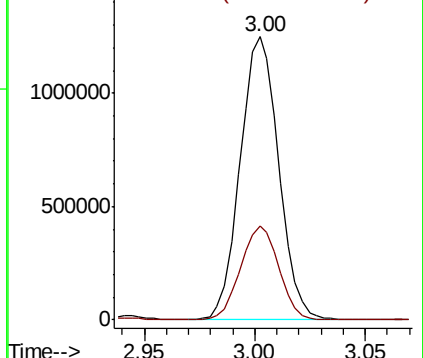
85 100

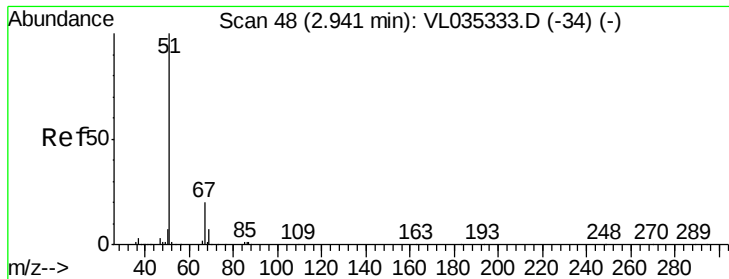
87 33.1 26.7 40.1



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 9.716 ppbv

RT: 2.94 min Scan# 48

Delta R.T. 0.00 min

Lab File: VL035373.D

Acq: 10 Aug 2020 14:18

Instrument :

MSVOA_L

ClientSampleId :

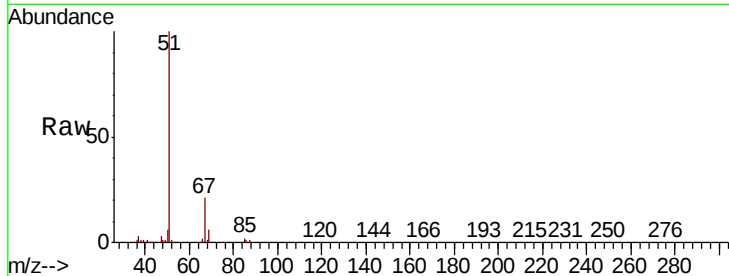
VL0810ABS01

Tot Ion: 51 Resp: 1448462

Ion Ratio Lower Upper

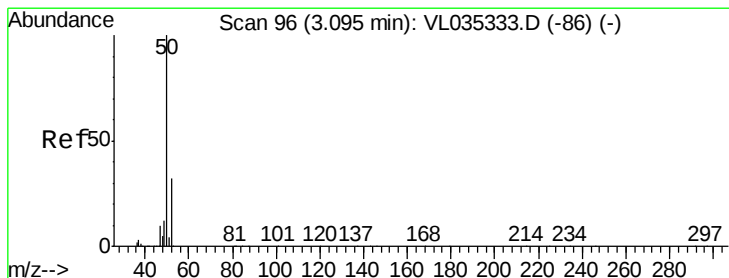
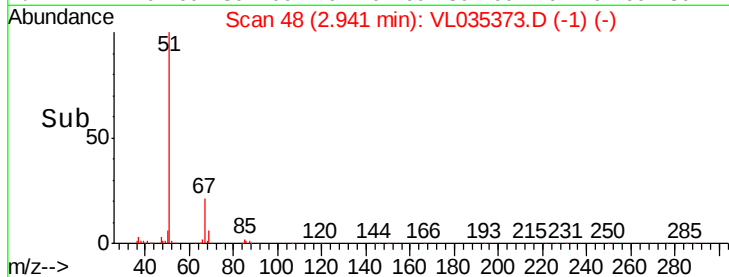
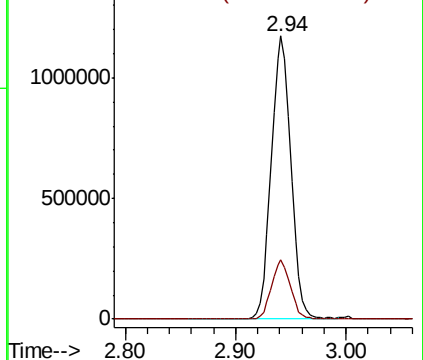
51 100

67 20.3 16.6 25.0



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 9.580 ppbv

RT: 3.10 min Scan# 96

Delta R.T. 0.00 min

Lab File: VL035373.D

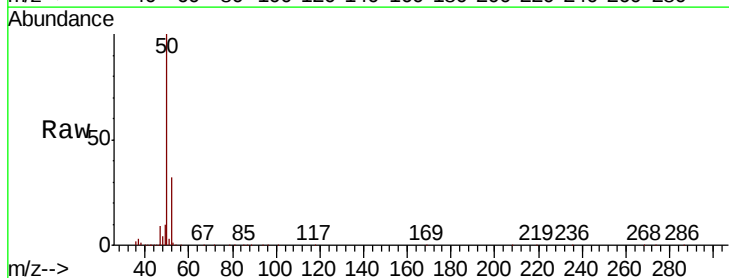
Acq: 10 Aug 2020 14:18

Tgt Ion: 50 Resp: 808609

Ion Ratio Lower Upper

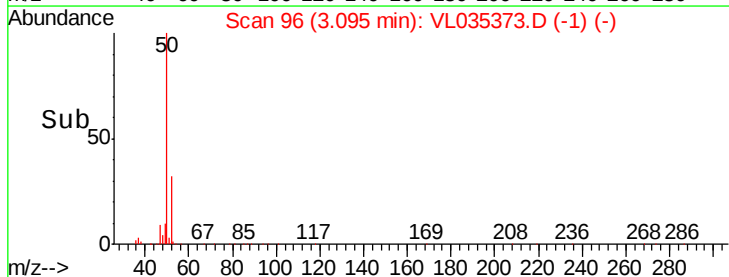
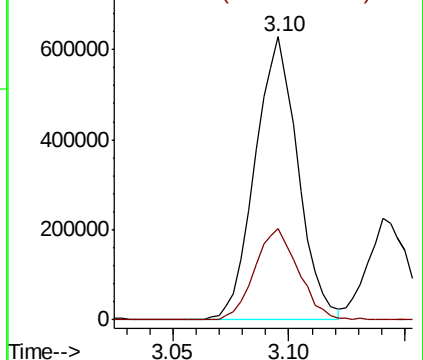
50 100

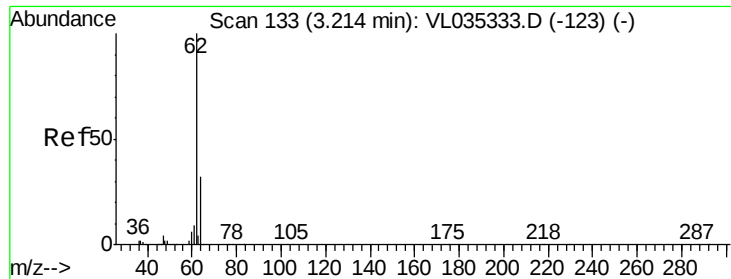
52 32.2 26.0 39.0



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 9.532 ppbv

RT: 3.21 min Scan# 132

Delta R.T. -0.00 min

Lab File: VL035373.D

Acq: 10 Aug 2020 14:18

Instrument :

MSVOA_L

ClientSampleId :

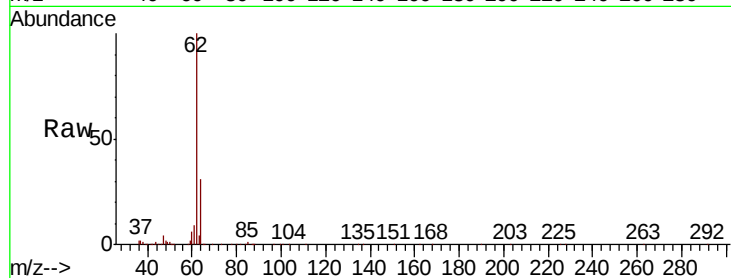
VL0810ABS01

Tot Ion: 62 Resp: 827541

Ion Ratio Lower Upper

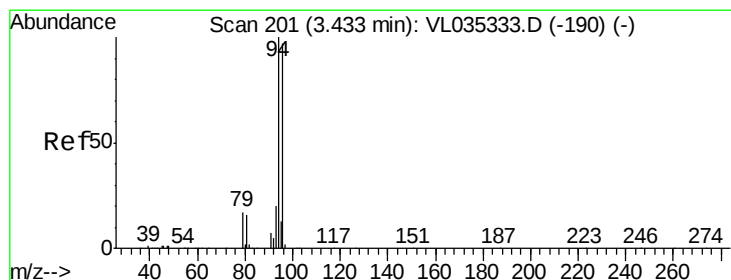
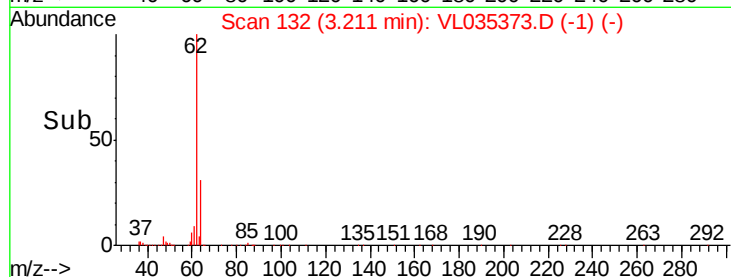
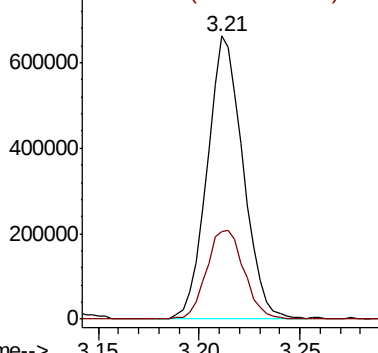
62 100

64 30.8 25.8 38.6



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 10.096 ppbv

RT: 3.43 min Scan# 200

Delta R.T. -0.00 min

Lab File: VL035373.D

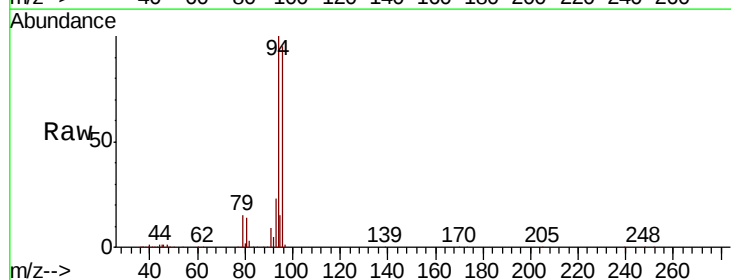
Acq: 10 Aug 2020 14:18

Tgt Ion: 94 Resp: 536963

Ion Ratio Lower Upper

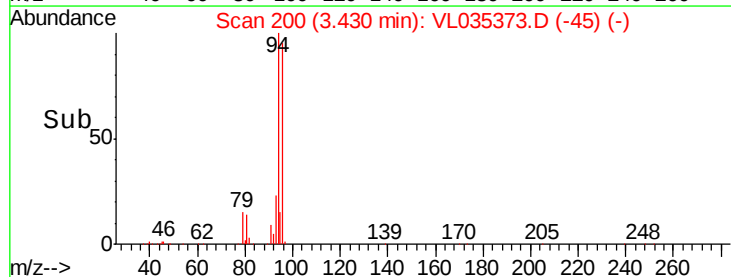
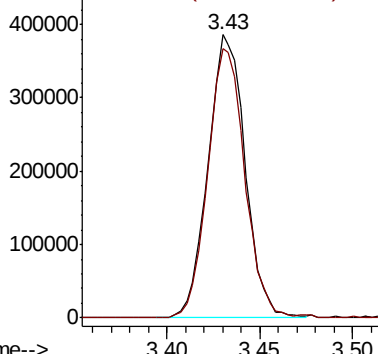
94 100

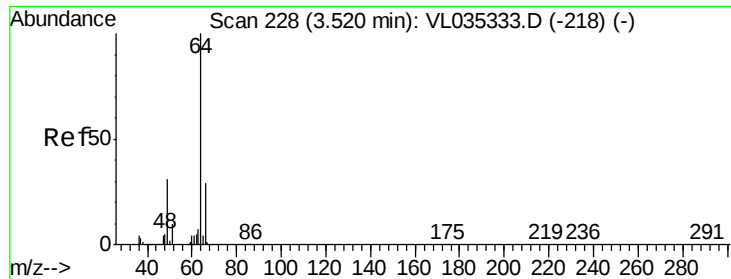
96 95.0 77.3 115.9



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 9.511 ppbv

RT: 3.52 min Scan# 227

Delta R.T. -0.00 min

Lab File: VL035373.D

Acq: 10 Aug 2020 14:18

Instrument :

MSVOA_L

ClientSampleId :

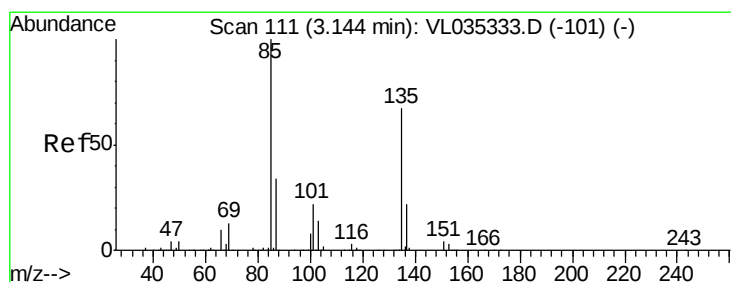
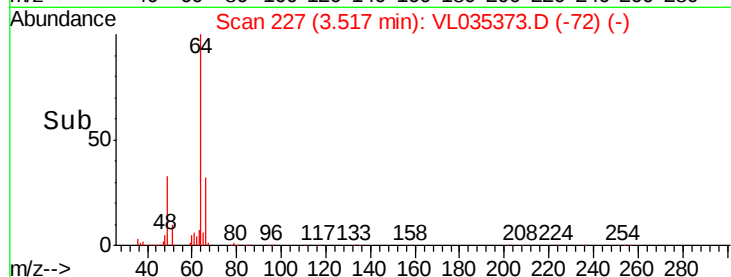
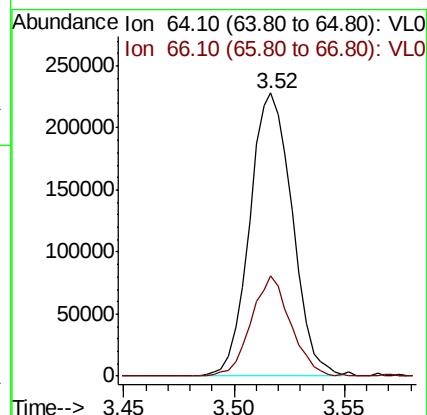
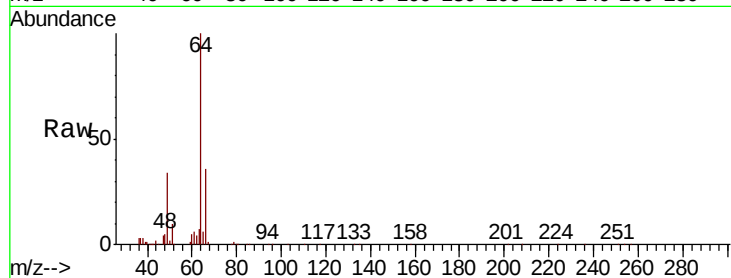
VL0810ABS01

Tot Ion: 64 Resp: 306666

Ion Ratio Lower Upper

64 100

66 35.5 23.0 34.6#



#8

Dichlorotetrafluoroethane

Concen: 9.787 ppbv

RT: 3.14 min Scan# 111

Delta R.T. 0.00 min

Lab File: VL035373.D

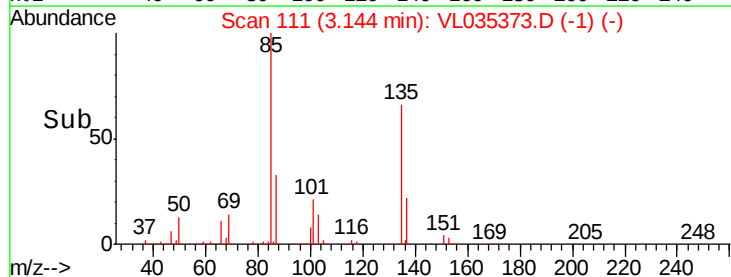
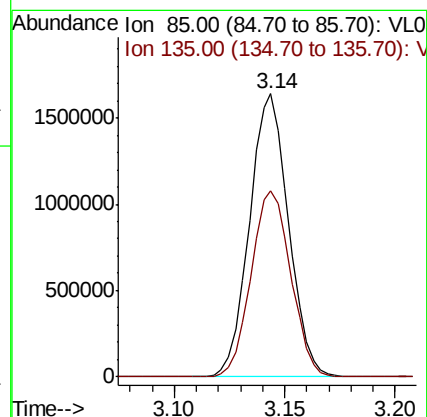
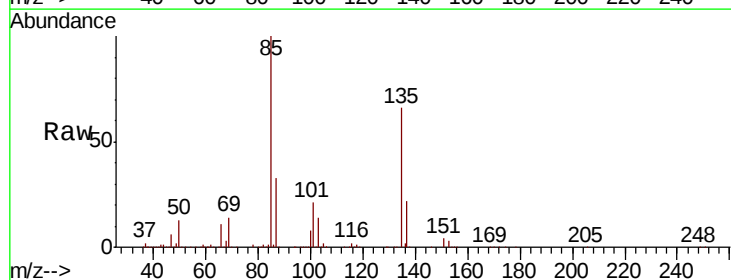
Acq: 10 Aug 2020 14:18

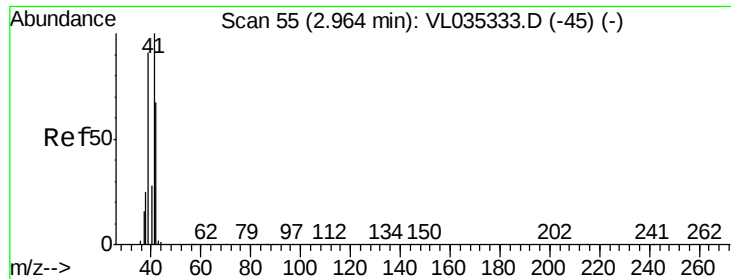
Tgt Ion: 85 Resp: 2009557

Ion Ratio Lower Upper

85 100

135 67.2 54.5 81.7





#9

Propene

Concen: 10.590 ppbv

RT: 2.96 min Scan# 54

Delta R.T. -0.00 min

Lab File: VL035373.D

Acq: 10 Aug 2020 14:18

Instrument :

MSVOA_L

ClientSampleId :

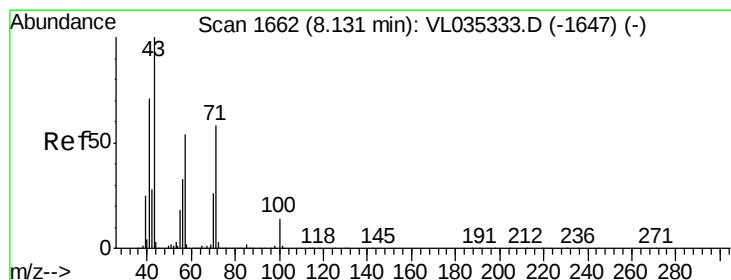
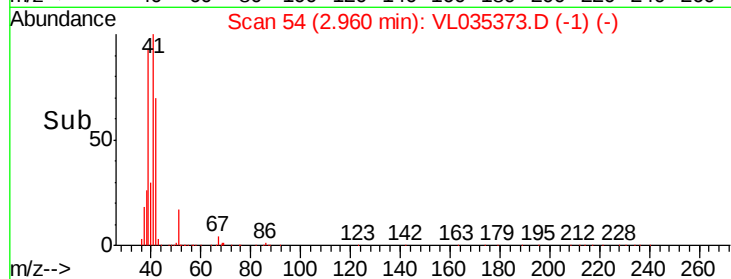
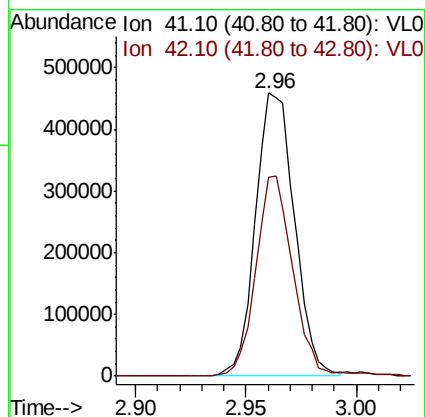
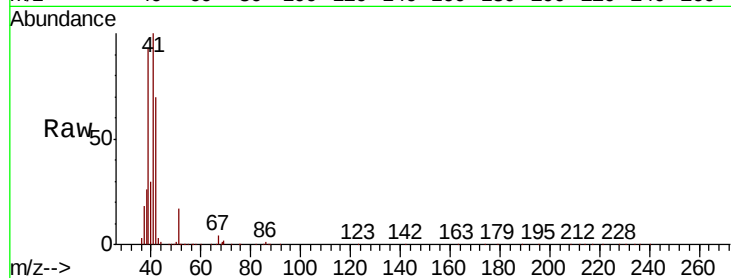
VL0810ABS01

Tot Ion: 41 Resp: 562565

Ion Ratio Lower Upper

41 100

42 68.0 55.3 82.9



#10

Heptane

Concen: 11.801 ppbv

RT: 8.13 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VL035373.D

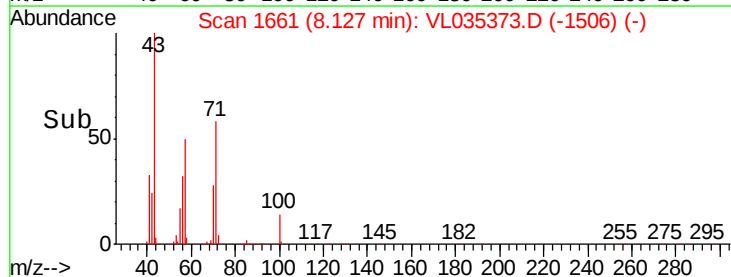
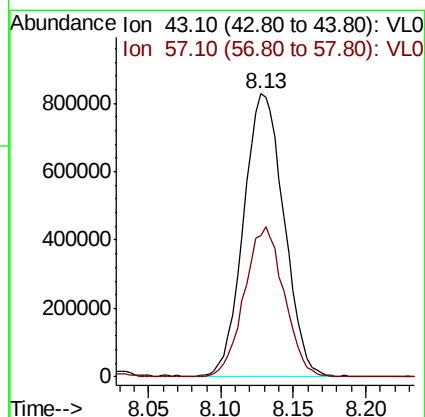
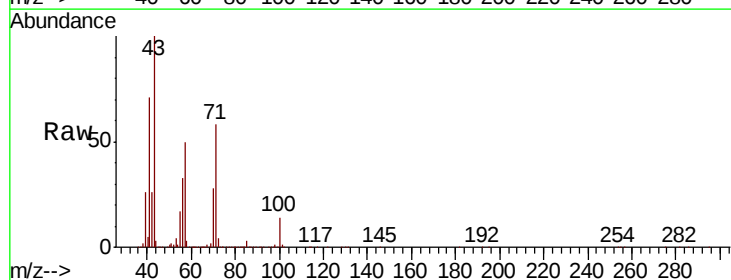
Acq: 10 Aug 2020 14:18

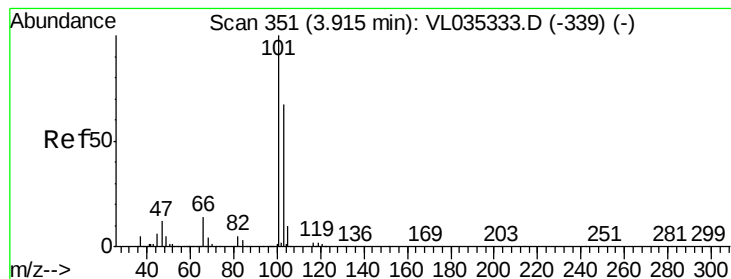
Tgt Ion: 43 Resp: 1601285

Ion Ratio Lower Upper

43 100

57 52.6 43.0 64.6





#11

Trichlorofluoromethane

Concen: 9.664 ppbv

RT: 3.92 min Scan# 351

Delta R.T. 0.00 min

Lab File: VL035373.D

Acq: 10 Aug 2020 14:18

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MSVOA_L

ClientSampleId :

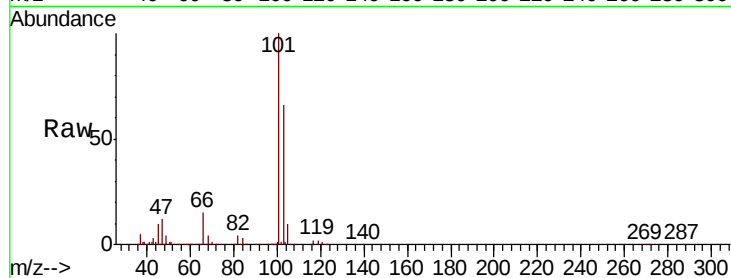
VL0810ABS01

Tot Ion:101 Resp: 2174883

Ion Ratio Lower Upper

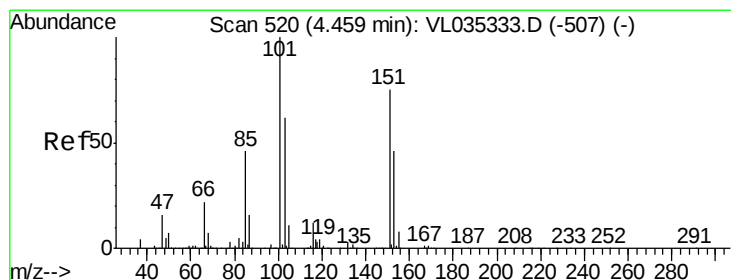
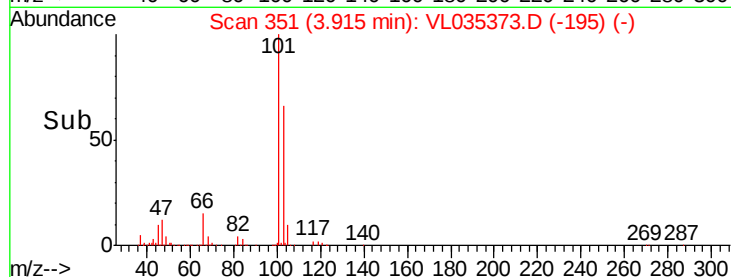
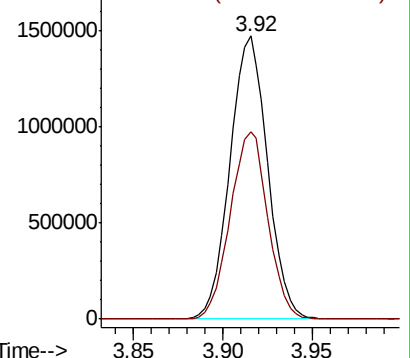
101 100

103 66.1 53.8 80.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.779 ppbv

RT: 4.46 min Scan# 520

Delta R.T. 0.00 min

Lab File: VL035373.D

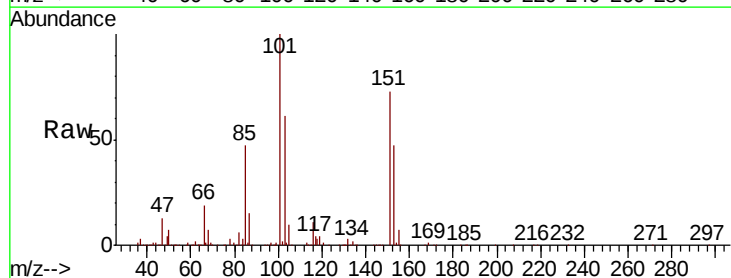
Acq: 10 Aug 2020 14:18

Tgt Ion:101 Resp: 1573094

Ion Ratio Lower Upper

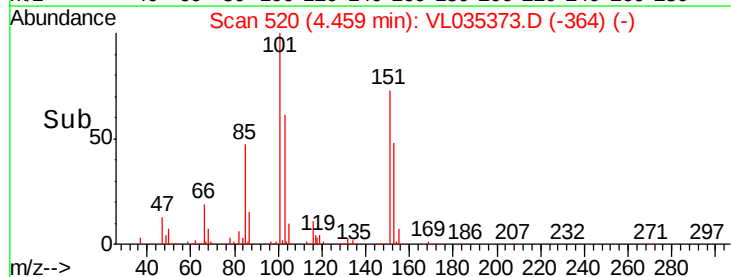
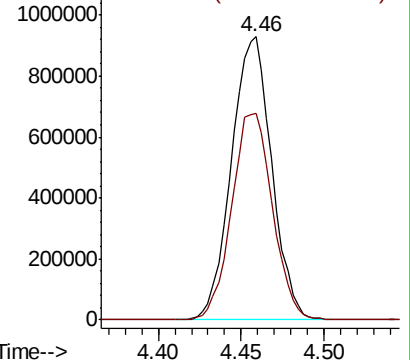
101 100

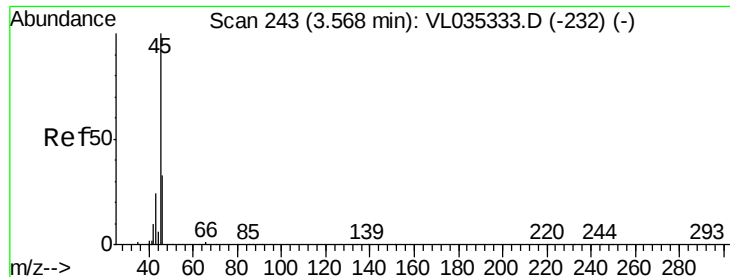
151 74.0 59.5 89.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





#13

Ethanol

Concen: 3.802 ppbv

RT: 3.57 min Scan# 243

Delta R.T. 0.00 min

Lab File: VL035373.D

Acq: 10 Aug 2020 14:18

Instrument :

MSVOA_L

ClientSampleId :

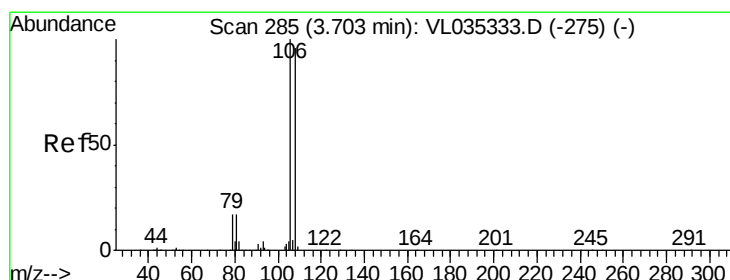
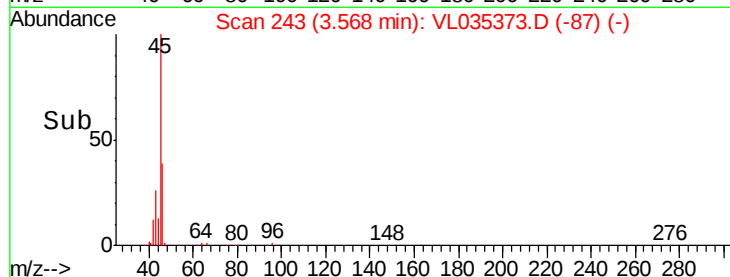
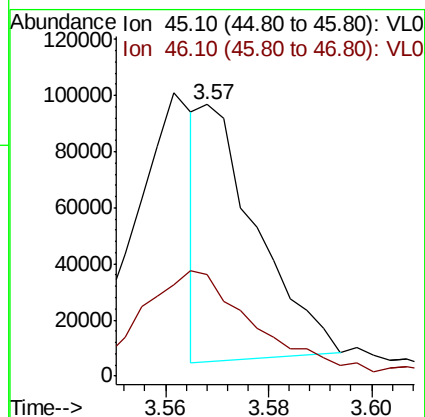
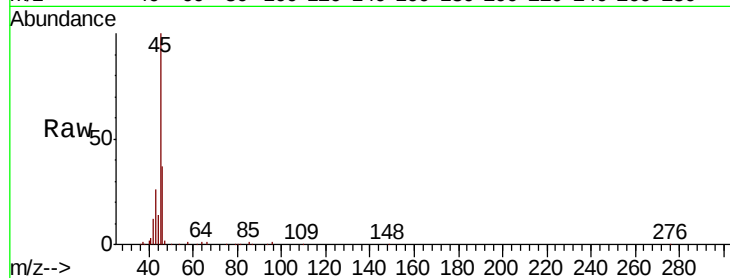
VL0810ABS01

Tot Ion: 45 Resp: 69663

Ion Ratio Lower Upper

45 100

46 0.0 15.2 61.0#



#14

Bromoethene

Concen: 10.331 ppbv

RT: 3.70 min Scan# 285

Delta R.T. 0.00 min

Lab File: VL035373.D

Acq: 10 Aug 2020 14:18

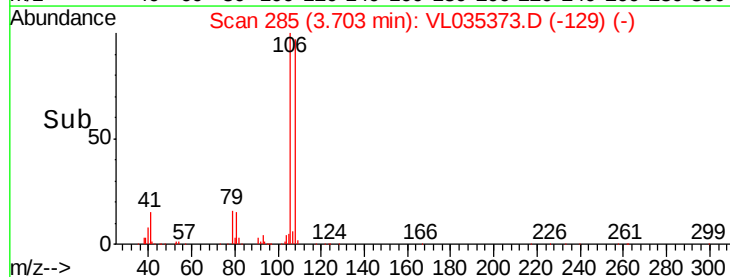
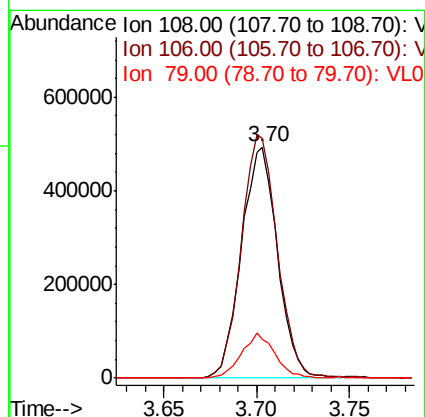
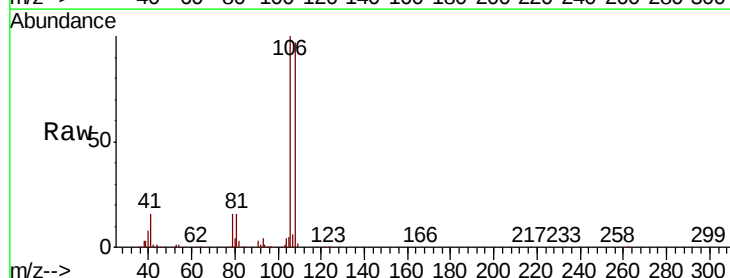
Tgt Ion: 108 Resp: 666386

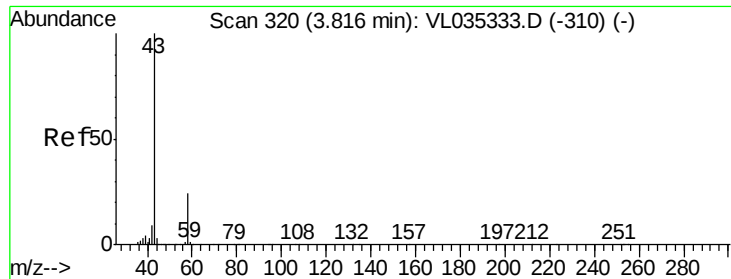
Ion Ratio Lower Upper

108 100

106 105.8 85.0 127.6

79 18.3 15.0 22.6





#15

Acetone

Concen: 8.782 ppbv

RT: 3.81 min Scan# 319

Delta R.T. -0.00 min

Lab File: VL035373.D

Acq: 10 Aug 2020 14:18

Instrument :

MSVOA_L

ClientSampleId :

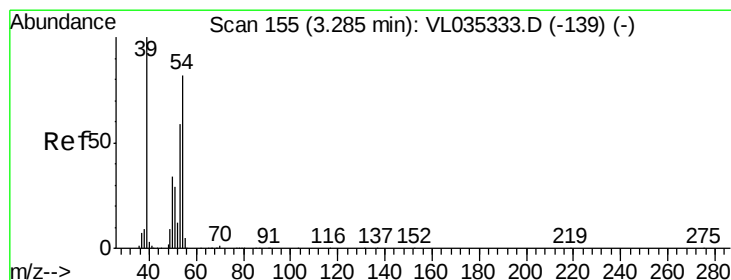
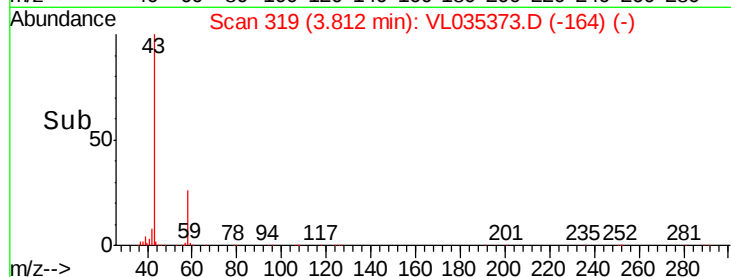
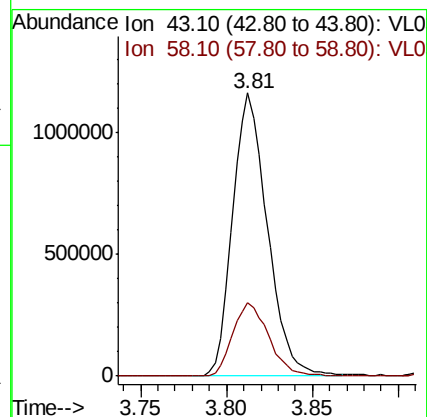
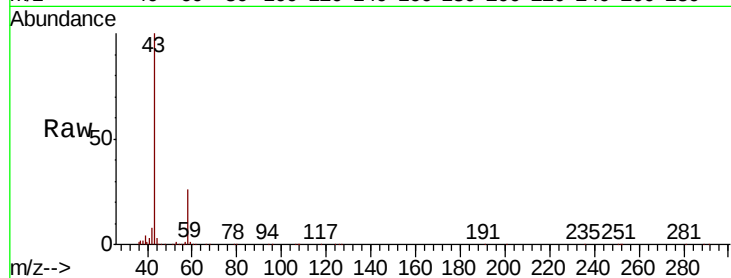
VL0810ABS01

Tot Ion: 43 Resp: 1628625

Ion Ratio Lower Upper

43 100

58 27.1 21.0 31.4



#16

1,3-Butadiene

Concen: 10.576 ppbv

RT: 3.29 min Scan# 155

Delta R.T. 0.00 min

Lab File: VL035373.D

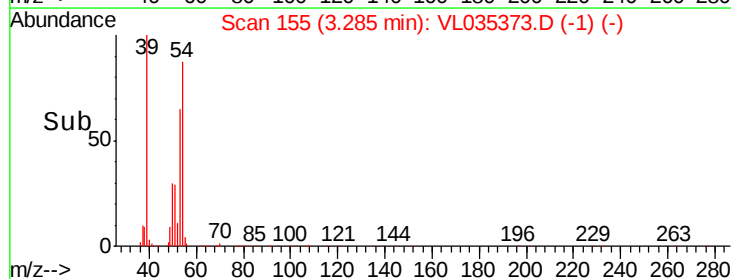
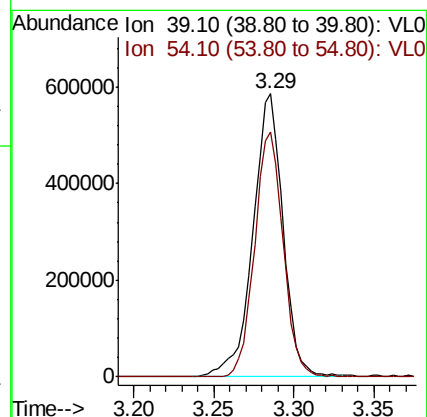
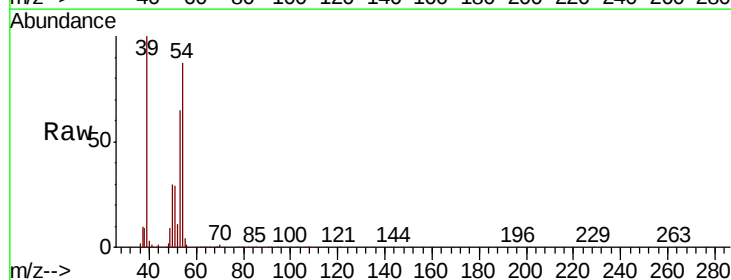
Acq: 10 Aug 2020 14:18

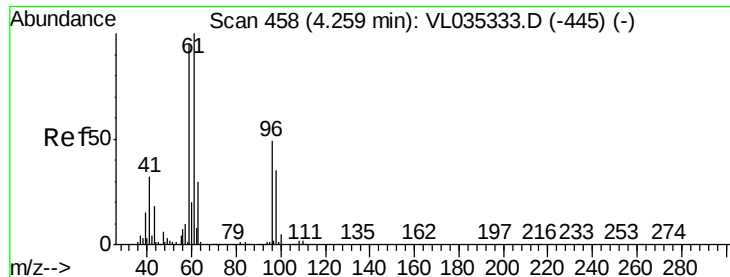
Tgt Ion: 39 Resp: 754936

Ion Ratio Lower Upper

39 100

54 82.2 64.4 96.6



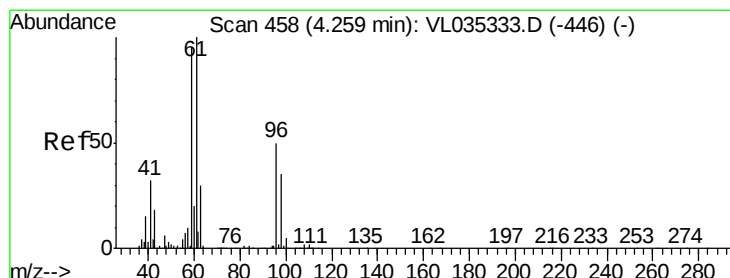
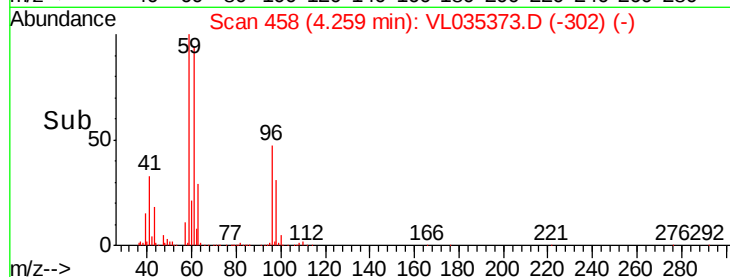
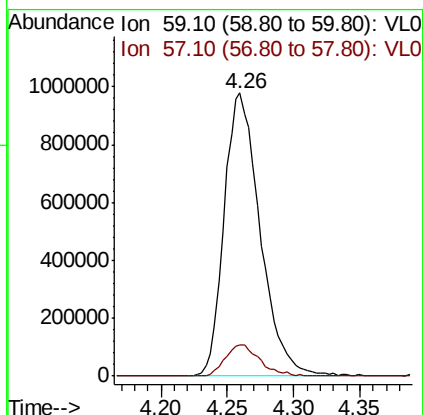
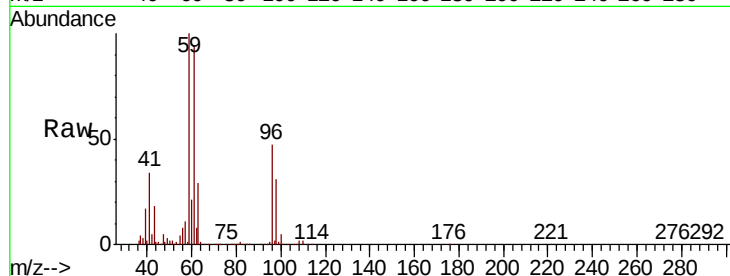


#17

tert-Butyl alcohol
 Concen: 10.807 ppbv
 RT: 4.26 min Scan# 458
 Delta R.T. 0.00 min
 Lab File: VL035373.D
 Acq: 10 Aug 2020 14:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0810ABS01

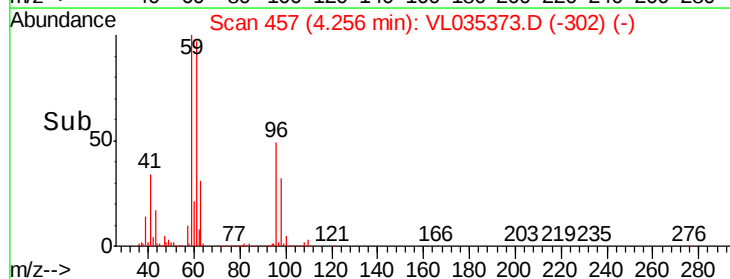
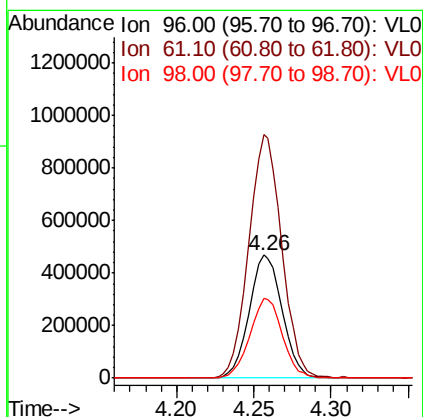
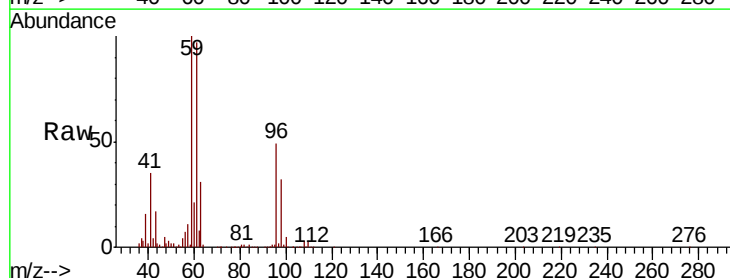
Tot Ion: 59 Resp: 1839556
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.8 13.2

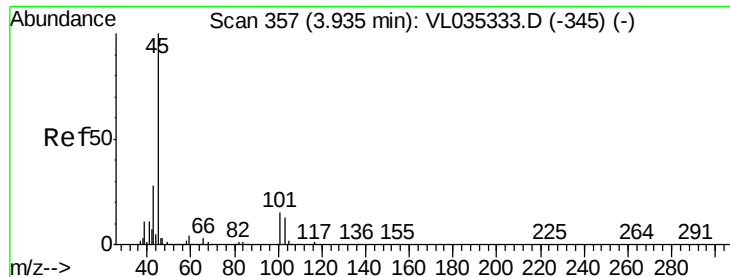


#18

1,1-Dichloroethene
 Concen: 10.096 ppbv
 RT: 4.26 min Scan# 457
 Delta R.T. -0.00 min
 Lab File: VL035373.D
 Acq: 10 Aug 2020 14:18

Tgt Ion: 96 Resp: 697376
 Ion Ratio Lower Upper
 96 100
 61 198.4 161.4 242.2
 98 64.9 56.0 84.0



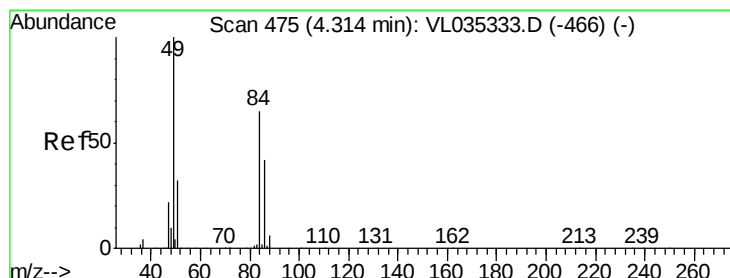
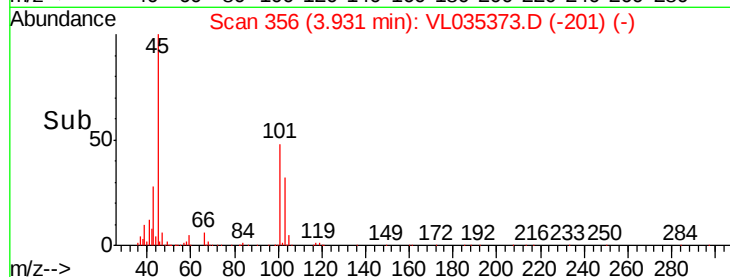
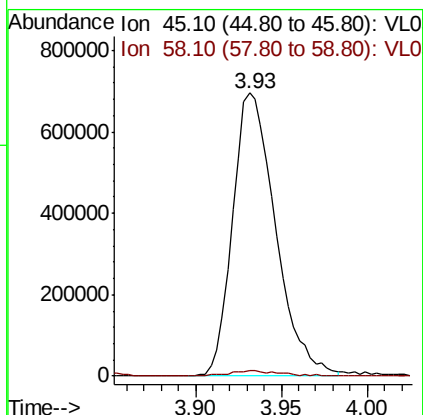
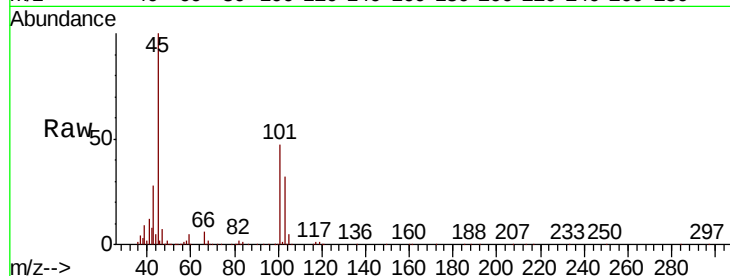


#19

Isopropyl Alcohol
 Concen: 10.285 ppbv
 RT: 3.93 min Scan# 356
 Delta R.T. -0.00 min
 Lab File: VL035373.D
 Acq: 10 Aug 2020 14:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0810ABS01

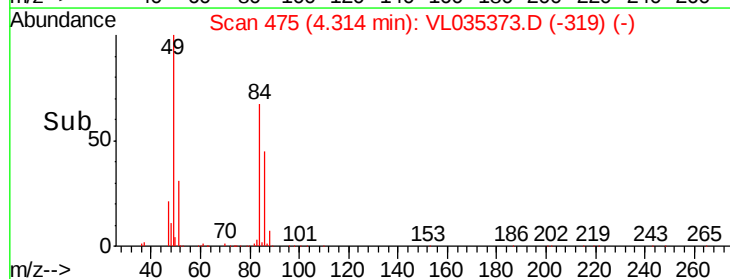
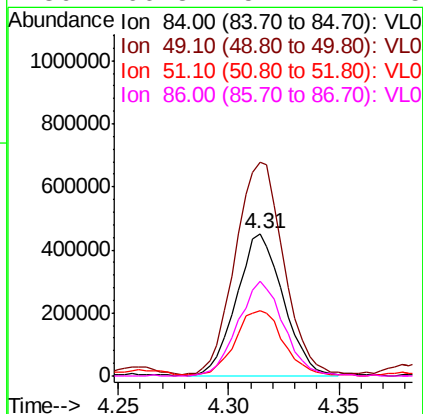
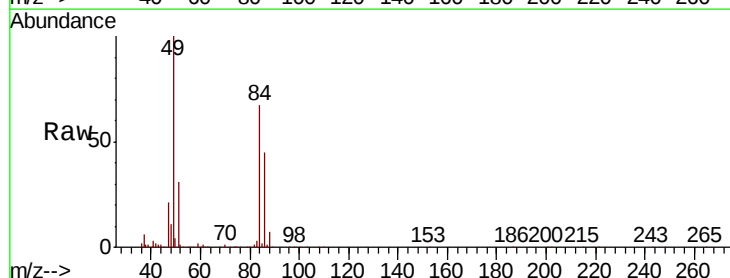
Tot Ion: 45 Resp: 1209034
 Ion Ratio Lower Upper
 45 100
 58 2.7 1.9 2.9

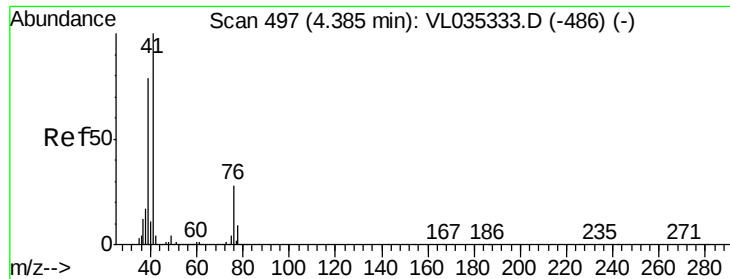


#20

Methylene Chloride
 Concen: 8.762 ppbv
 RT: 4.31 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: VL035373.D
 Acq: 10 Aug 2020 14:18

Tgt Ion: 84 Resp: 662654
 Ion Ratio Lower Upper
 84 100
 49 149.0 122.8 184.2
 51 45.2 40.1 60.1
 86 66.8 51.7 77.5

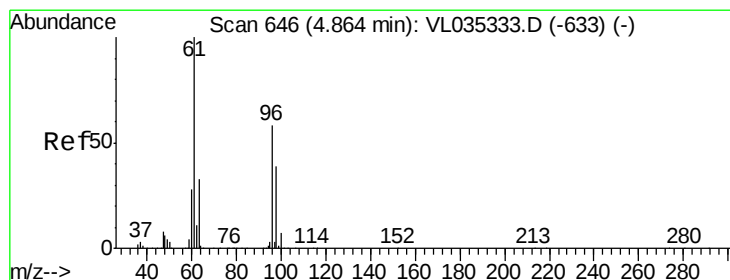
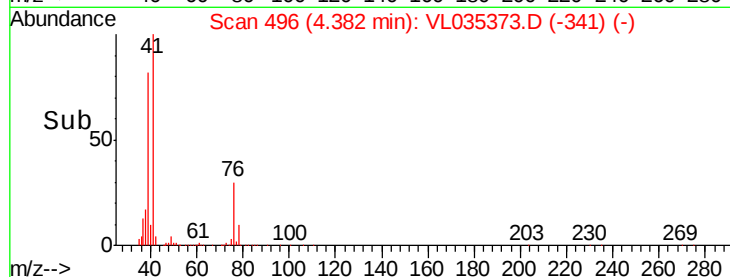
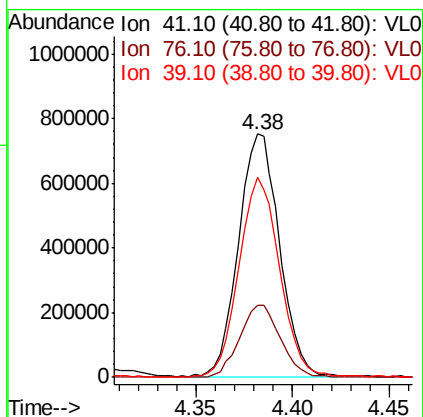
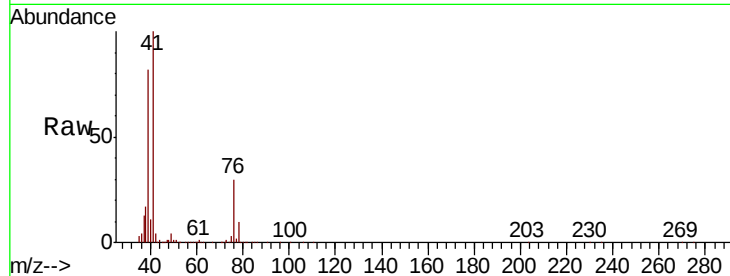




#21
Allvl Chloride
Concen: 10.380 ppbv
RT: 4.38 min Scan# 496
Delta R.T. -0.00 min
Lab File: VL035373.D
Acq: 10 Aug 2020 14:18

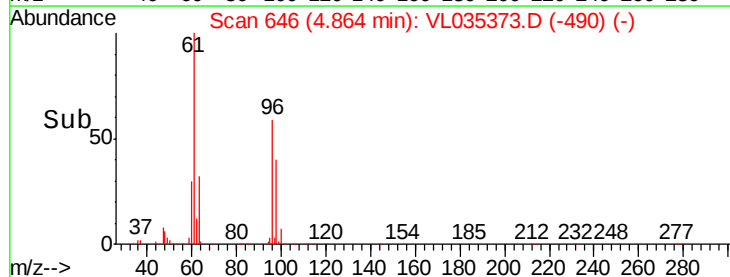
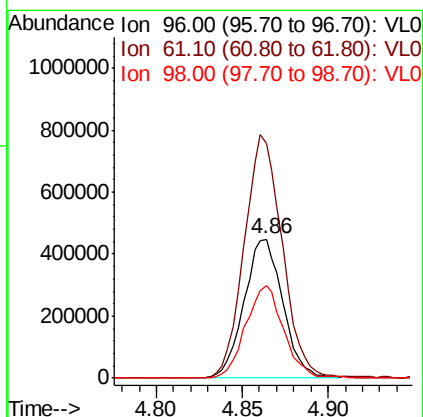
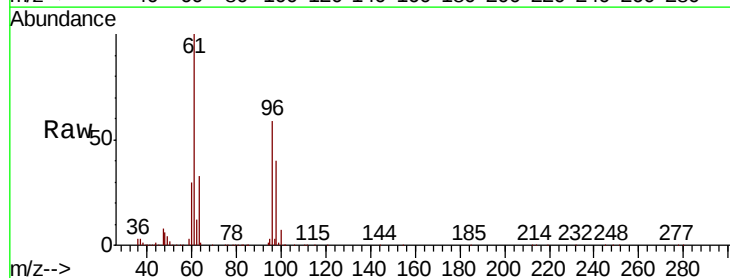
Instrument :
MSVOA_L
ClientSampleId :
VL0810ABS01

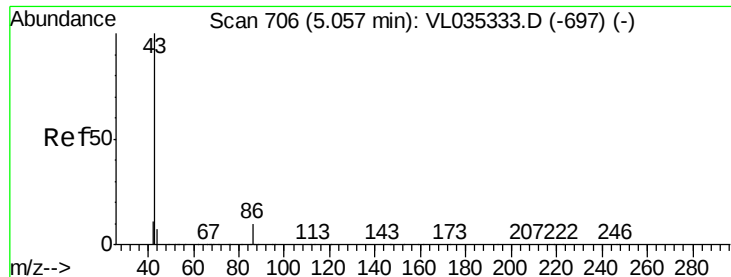
Tot Ion: 41 Resp: 1102976
Ion Ratio Lower Upper
41 100
76 29.7 23.8 35.6
39 82.2 65.0 97.6



#22
trans-1,2-Dichloroethene
Concen: 10.413 ppbv
RT: 4.86 min Scan# 646
Delta R.T. 0.00 min
Lab File: VL035373.D
Acq: 10 Aug 2020 14:18

Tgt Ion: 96 Resp: 697459
Ion Ratio Lower Upper
96 100
61 168.7 138.5 207.7
98 67.0 54.3 81.5



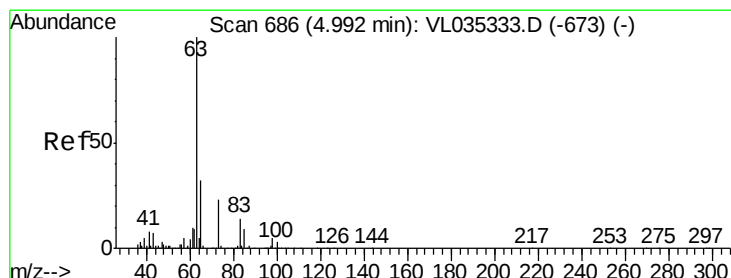
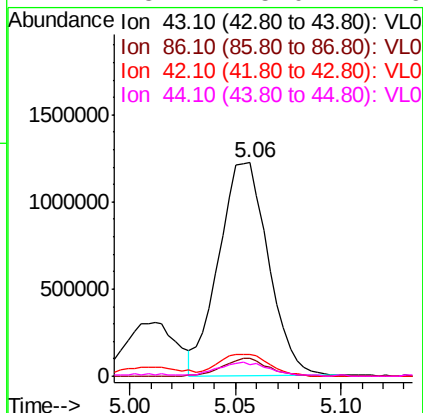
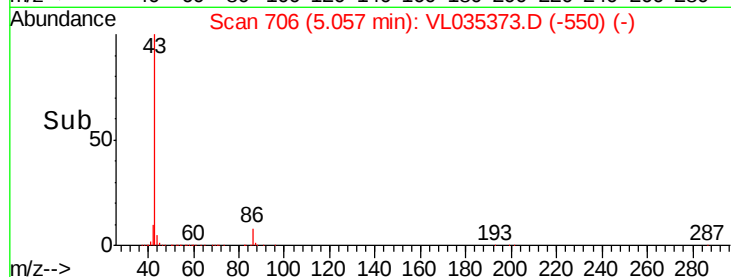
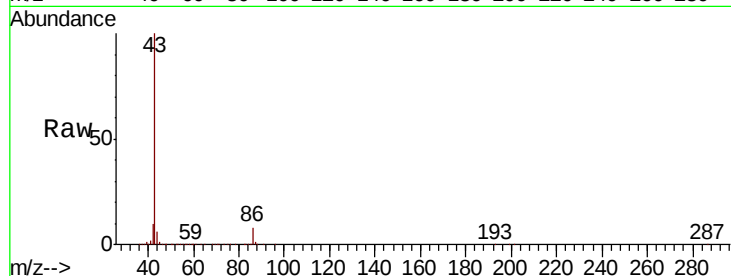


#23
 Vinyl Acetate
 Concen: 11.188 ppbv
 RT: 5.06 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: VL035373.D
 Acq: 10 Aug 2020 14:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0810ABS01

Tot Ion: 43 Resp: 1989623

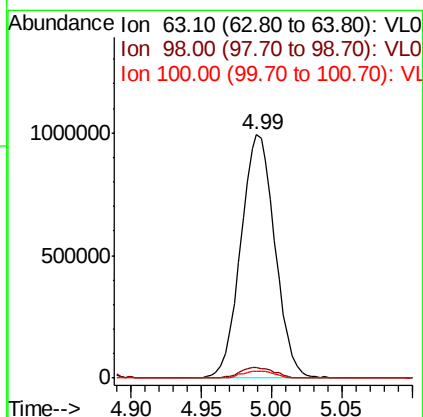
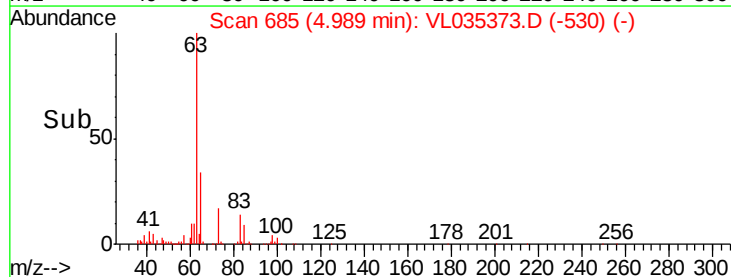
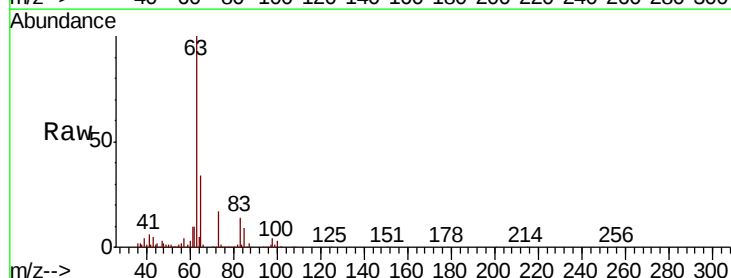
Ion	Ratio	Lower	Upper
43	100		
86	8.4	6.9	10.3
42	9.9	8.8	13.2
44	5.2	5.0	7.6

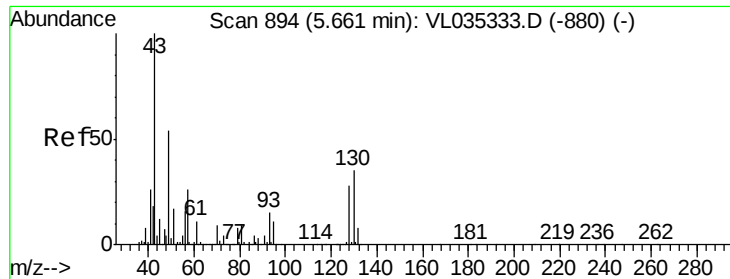


#24
 1,1-Dichloroethane
 Concen: 10.069 ppbv
 RT: 4.99 min Scan# 685
 Delta R.T. -0.00 min
 Lab File: VL035373.D
 Acq: 10 Aug 2020 14:18

Tgt Ion: 63 Resp: 1682754

Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.5	7.5
100	3.0	1.4	4.2



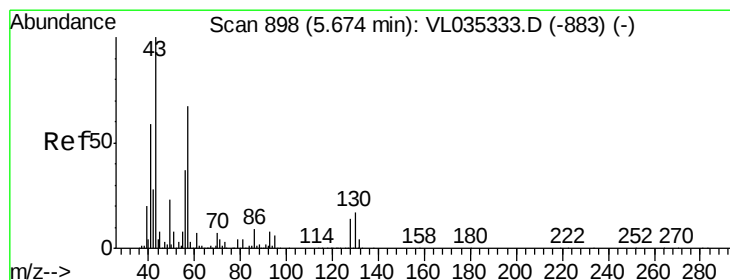
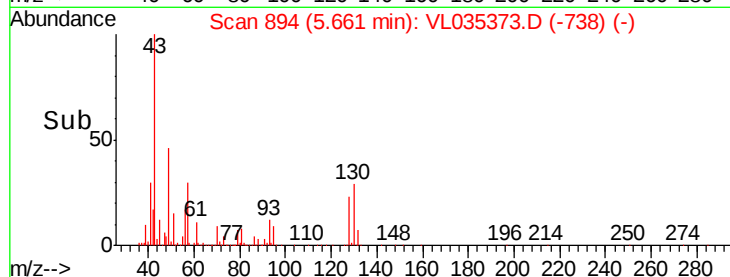
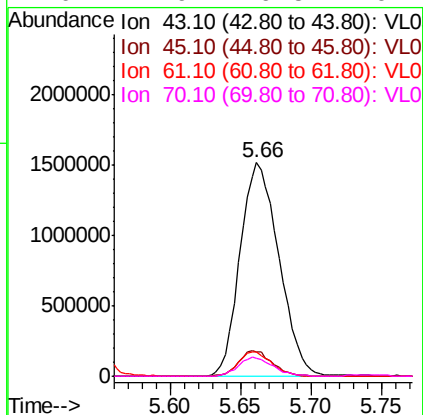
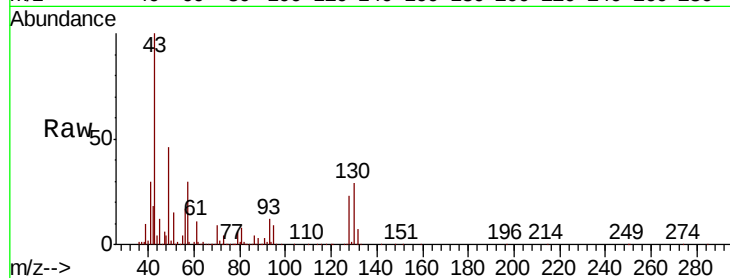


#25
Ethyl Acetate
Concen: 10.377 ppbv
RT: 5.66 min Scan# 894
Delta R.T. 0.00 min
Lab File: VL035373.D
Acq: 10 Aug 2020 14:18

Instrument :
MSVOA_L
ClientSampleId :
VL0810ABS01

Tot Ion: 43 Resp: 2924133

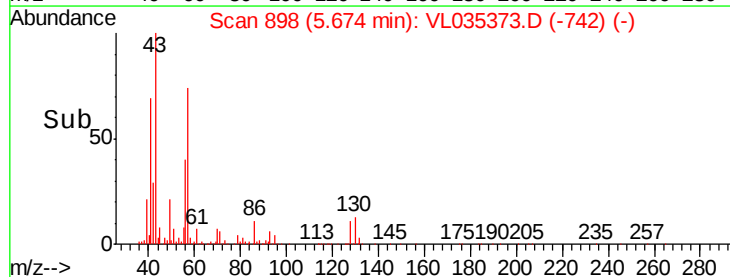
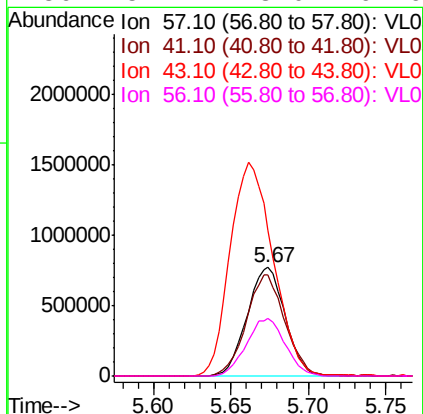
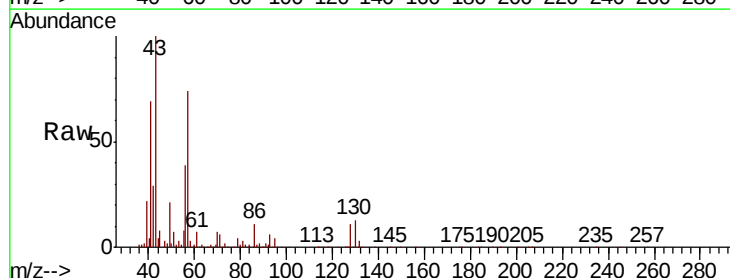
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.5	12.7
61	9.8	8.1	12.1
70	7.9	6.5	9.7

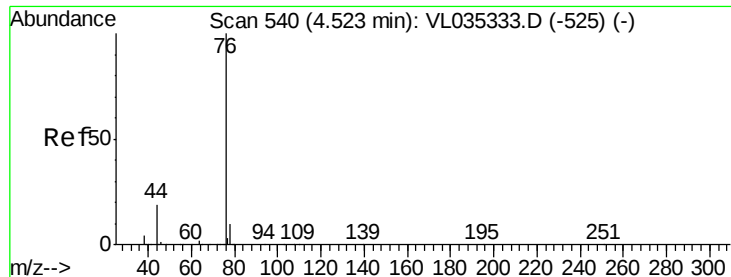


#26
Hexane
Concen: 10.785 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.00 min
Lab File: VL035373.D
Acq: 10 Aug 2020 14:18

Tgt Ion: 57 Resp: 1318251

Ion	Ratio	Lower	Upper
57	100		
41	96.0	75.2	112.8
43	223.1	180.6	270.8
56	54.1	43.0	64.6





#27

Carbon Disulfide

Concen: 10.705 ppbv

RT: 4.52 min Scan# 539

Delta R.T. -0.00 min

Lab File: VL035373.D

Acq: 10 Aug 2020 14:18

Instrument :

MSVOA_L

ClientSampleId :

VL0810ABS01

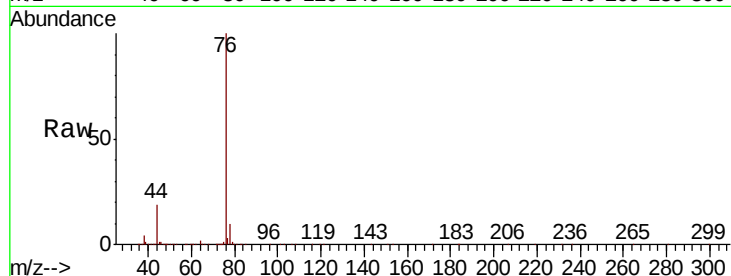
Tot Ion: 76 Resp: 1829638

Ion Ratio Lower Upper

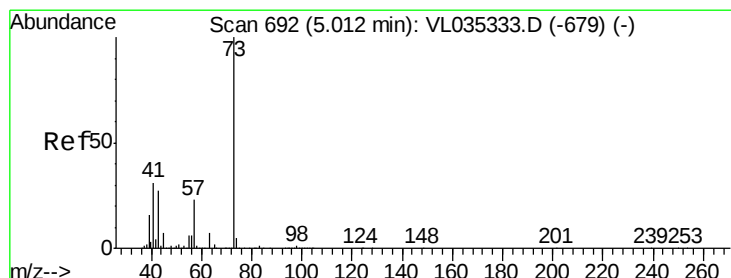
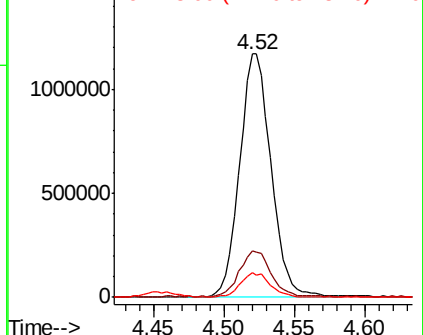
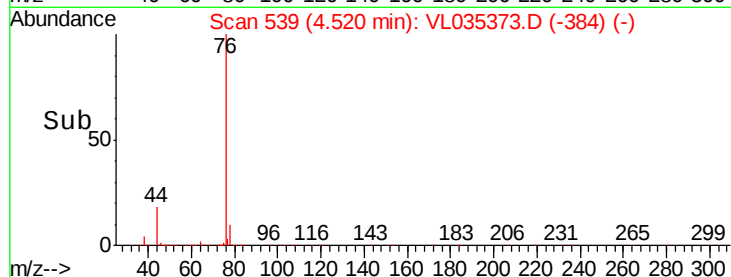
76 100

44 18.8 15.4 23.2

78 9.5 7.7 11.5



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: 11.191 ppbv

RT: 5.01 min Scan# 691

Delta R.T. -0.00 min

Lab File: VL035373.D

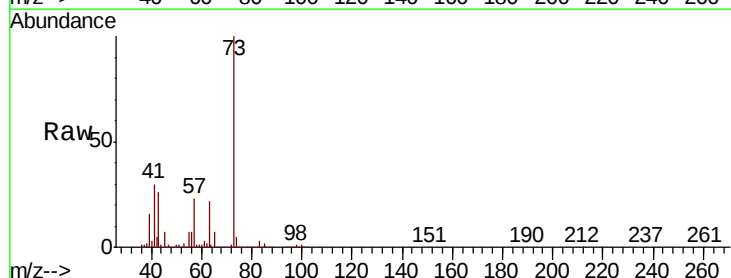
Acq: 10 Aug 2020 14:18

Tgt Ion: 73 Resp: 1989025

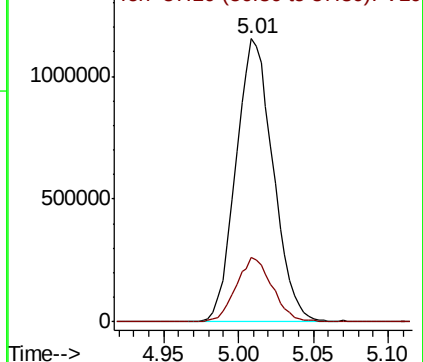
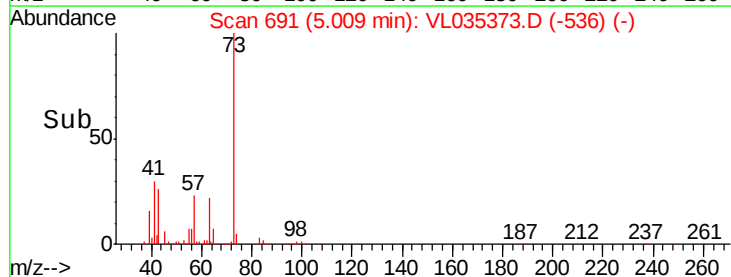
Ion Ratio Lower Upper

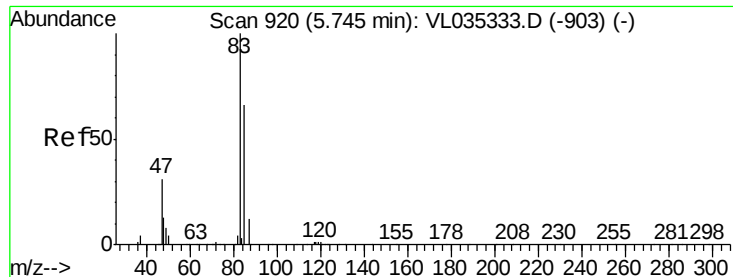
73 100

57 22.3 17.9 26.9



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

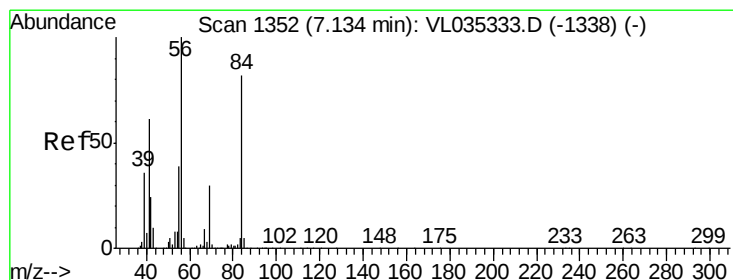
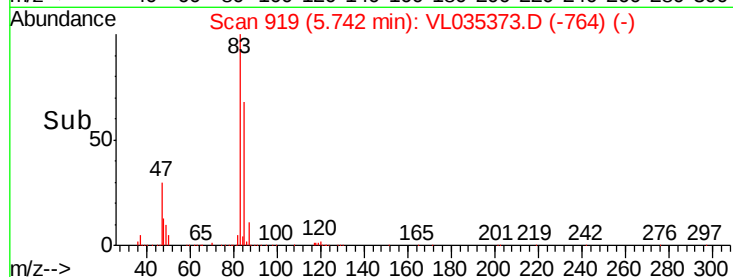
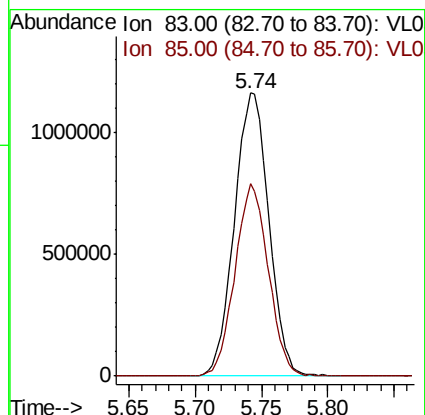
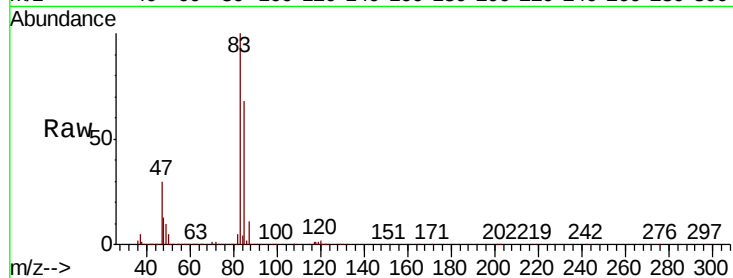




#29
Chloroform
Concen: 9.924 ppbv
RT: 5.74 min Scan# 919
Delta R.T. -0.00 min
Lab File: VL035373.D
Acq: 10 Aug 2020 14:18

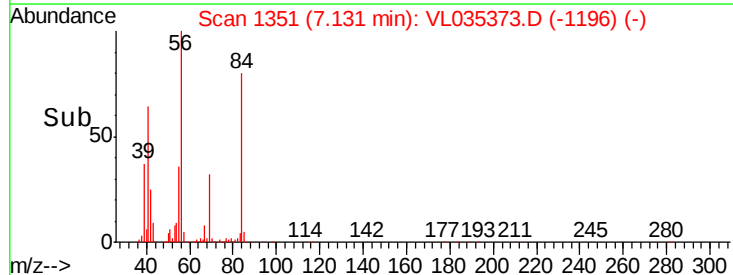
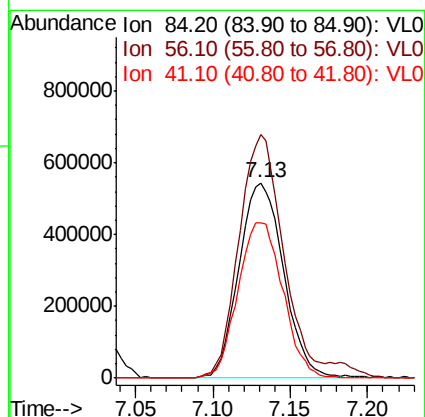
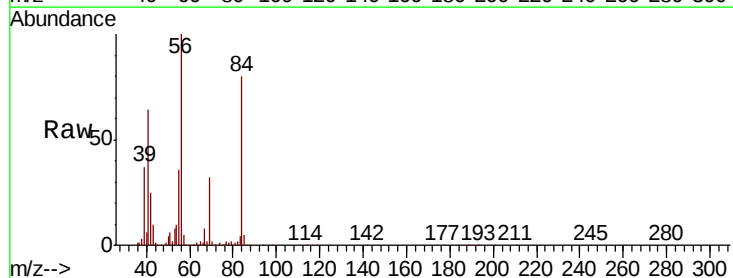
Instrument :
MSVOA_L
ClientSampleId :
VL0810ABS01

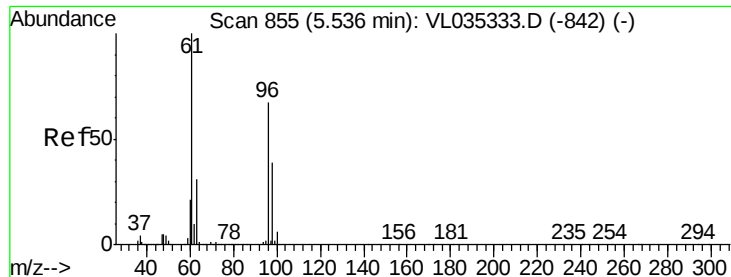
Tot Ion: 83 Resp: 2091205
Ion Ratio Lower Upper
83 100
85 68.1 52.9 79.3



#30
Cyclohexane
Concen: 11.715 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. -0.00 min
Lab File: VL035373.D
Acq: 10 Aug 2020 14:18

Tgt Ion: 84 Resp: 1085787
Ion Ratio Lower Upper
84 100
56 129.2 104.7 157.1
41 80.7 64.2 96.2



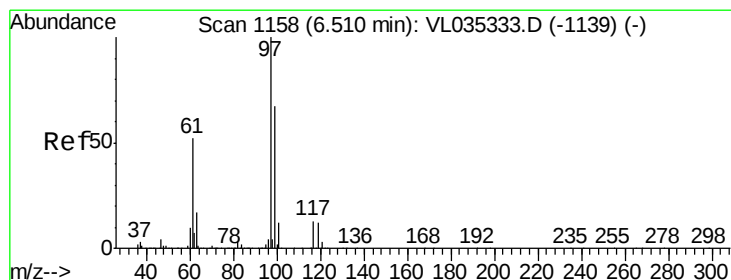
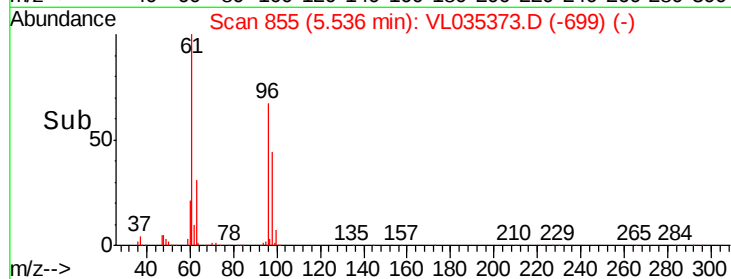
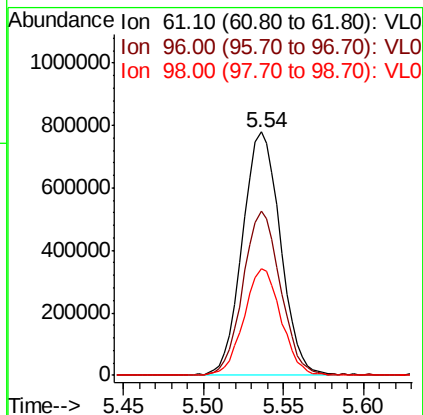
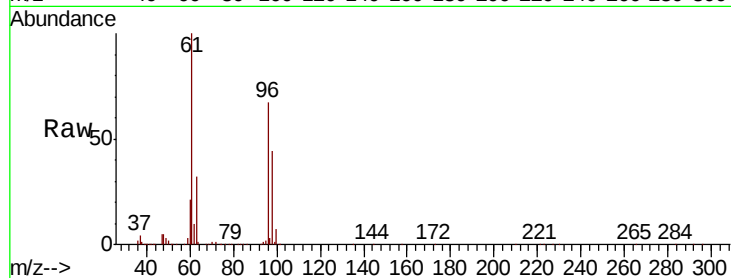


#31

cis-1,2-Dichloroethene
 Concen: 11.564 ppbv
 RT: 5.54 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VL035373.D
 Acq: 10 Aug 2020 14:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0810ABS01

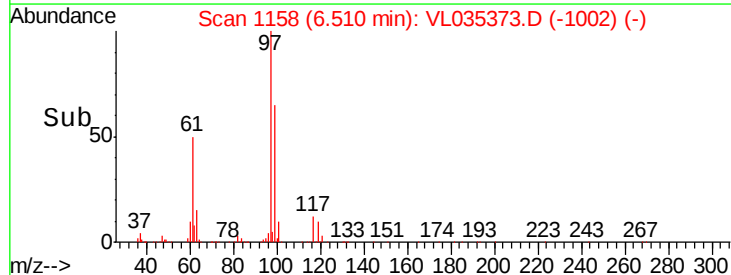
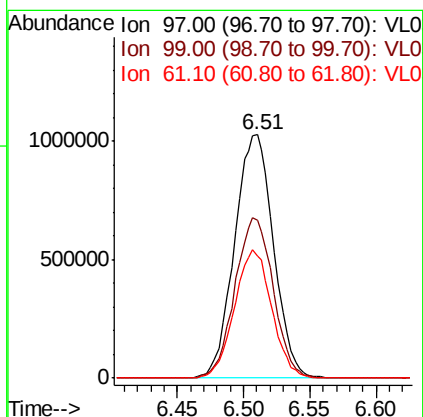
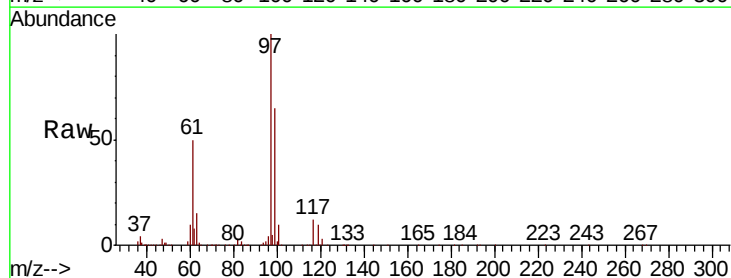
Tot Ion: 61 Resp: 1256586
 Ion Ratio Lower Upper
 61 100
 96 67.3 53.6 80.4
 98 43.9 31.0 46.4

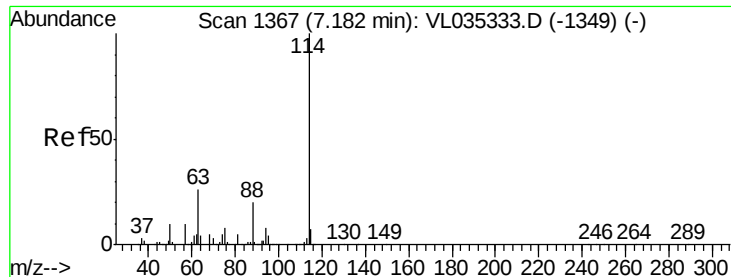


#32

1,1,1-Trichloroethane
 Concen: 9.439 ppbv
 RT: 6.51 min Scan# 1158
 Delta R.T. 0.00 min
 Lab File: VL035373.D
 Acq: 10 Aug 2020 14:18

Tgt Ion: 97 Resp: 2090573
 Ion Ratio Lower Upper
 97 100
 99 64.9 52.2 78.4
 61 50.6 40.9 61.3

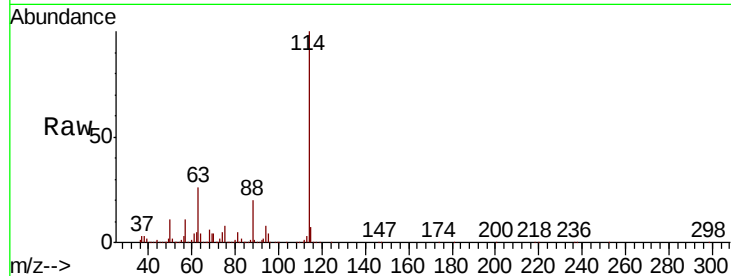




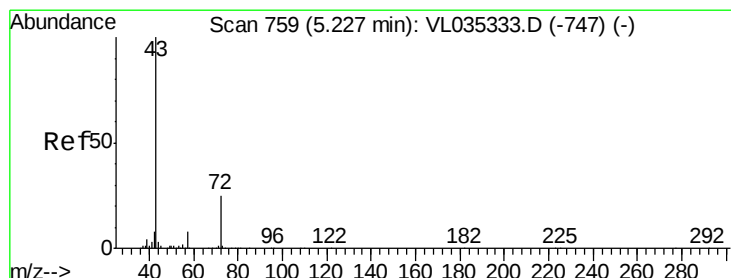
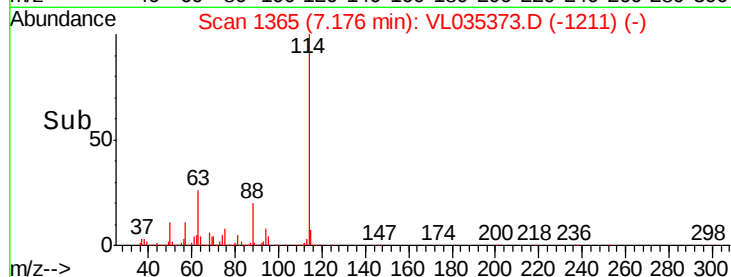
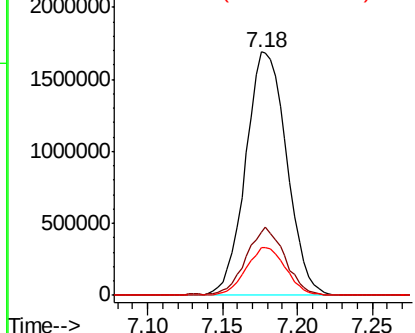
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: VL035373.D
 Acq: 10 Aug 2020 14:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0810ABS01

Tot Ion:114 Resp: 3232204
 Ion Ratio Lower Upper
 114 100
 63 26.6 21.3 31.9
 88 19.1 15.3 22.9

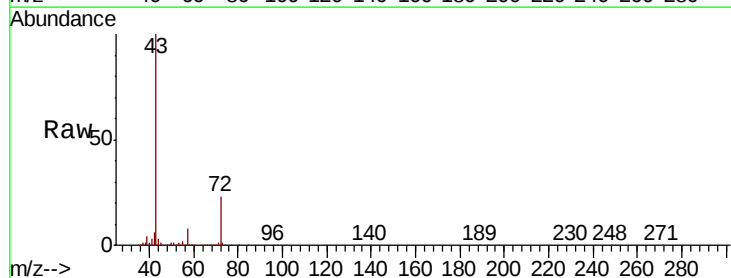


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

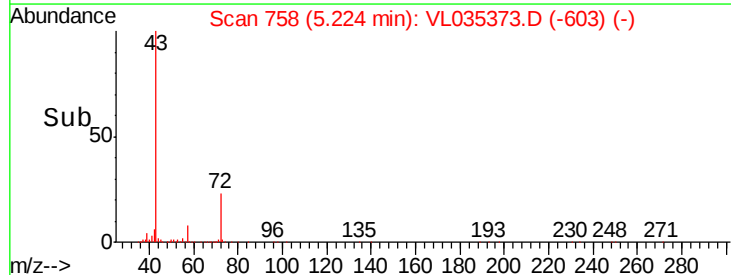
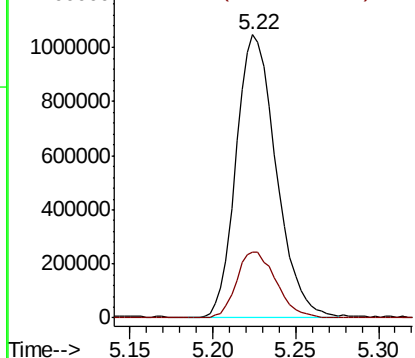


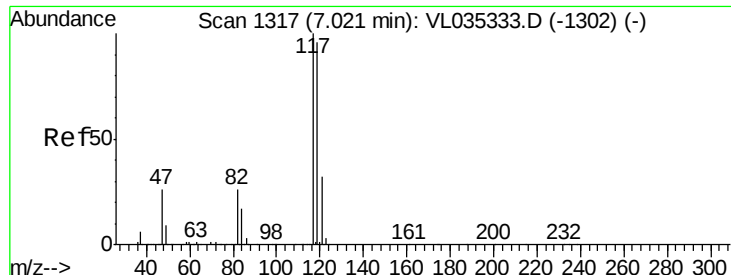
#34
 2-Butanone
 Concen: 11.063 ppbv
 RT: 5.22 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: VL035373.D
 Acq: 10 Aug 2020 14:18

Tgt Ion: 43 Resp: 1760662
 Ion Ratio Lower Upper
 43 100
 72 23.3 18.9 28.3



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

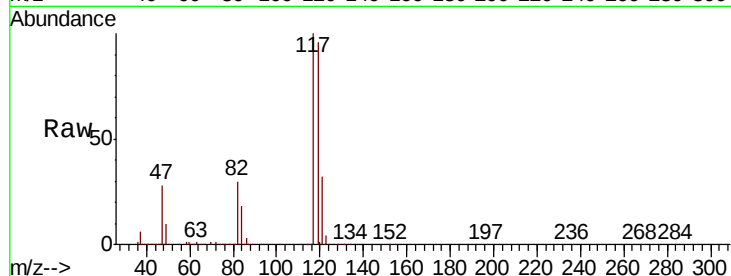




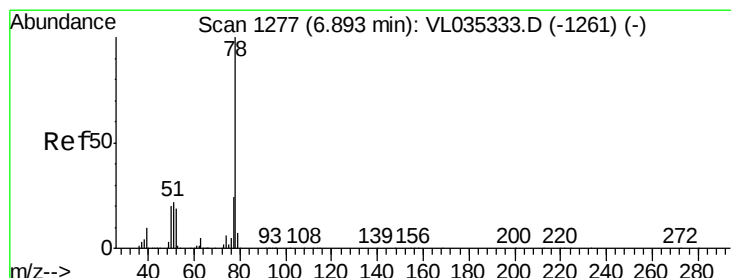
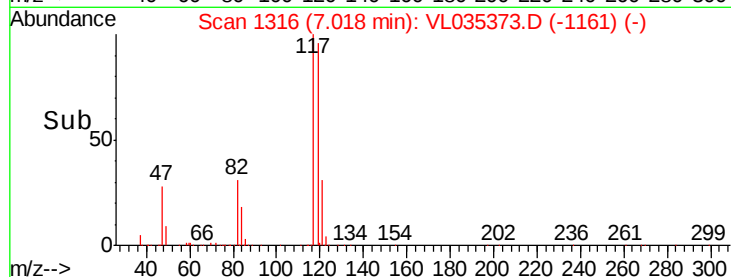
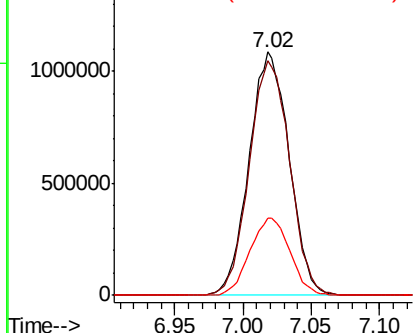
#35
Carbon Tetrachloride
Concen: 9.959 ppbv
RT: 7.02 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VL035373.D
Acq: 10 Aug 2020 14:18

Instrument :
MSVOA_L
ClientSampleId :
VL0810ABS01

Tot Ion:117 Resp: 2215195
Ion Ratio Lower Upper
117 100
119 96.5 77.0 115.6
121 31.5 26.0 39.0

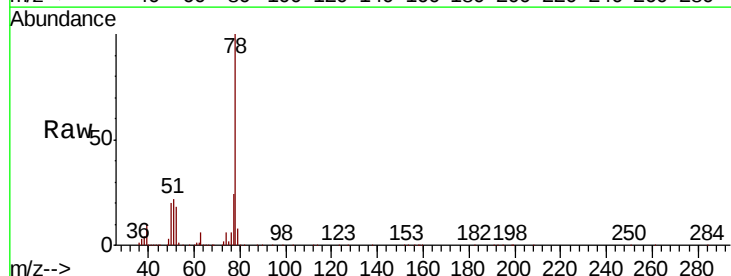


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

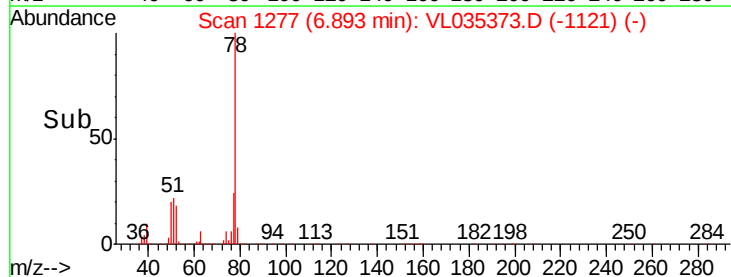
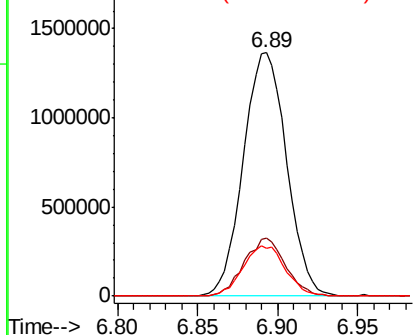


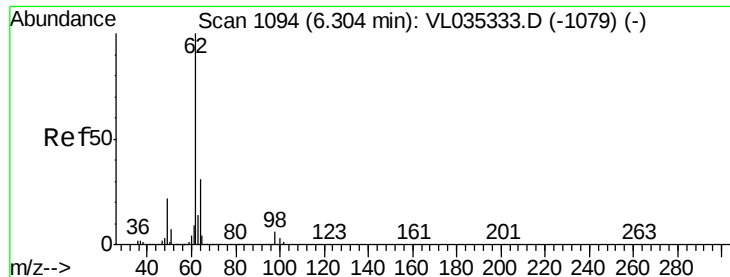
#36
Benzene
Concen: 11.578 ppbv
RT: 6.89 min Scan# 1277
Delta R.T. 0.00 min
Lab File: VL035373.D
Acq: 10 Aug 2020 14:18

Tgt Ion: 78 Resp: 2527006
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9
50 19.8 16.3 24.5



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

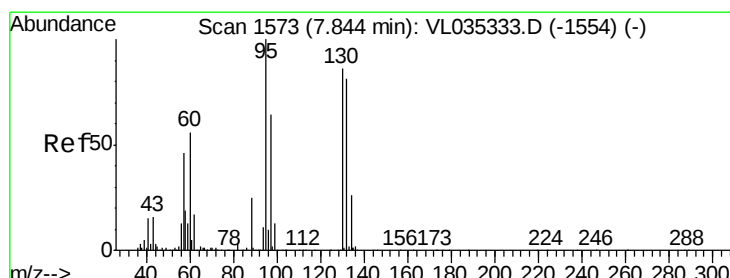
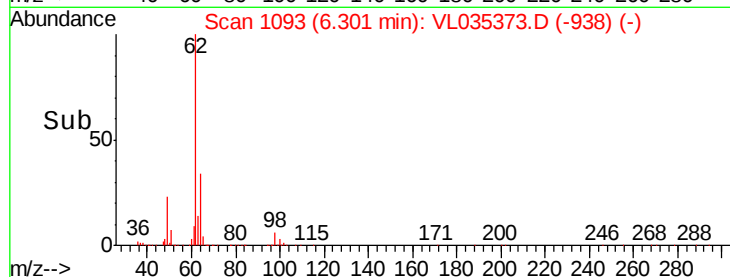
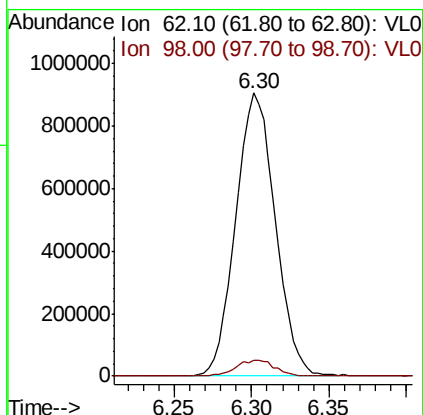
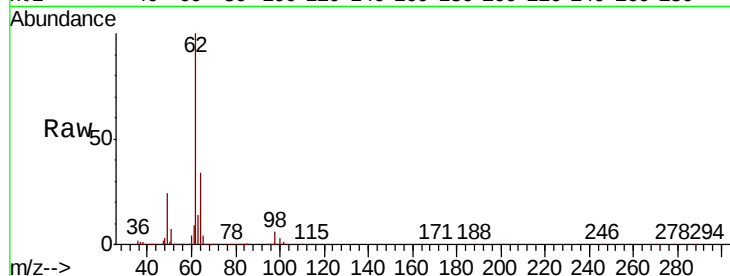




#37
 1,2-Dichloroethane
 Concen: 10.541 ppbv
 RT: 6.30 min Scan# 1093
 Delta R.T. -0.00 min
 Lab File: VL035373.D
 Acq: 10 Aug 2020 14:18

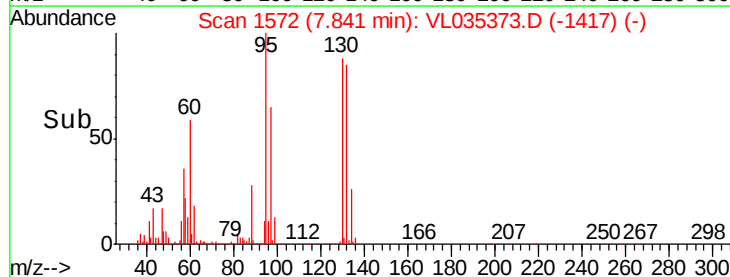
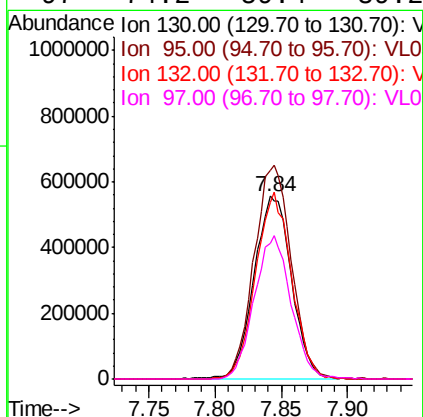
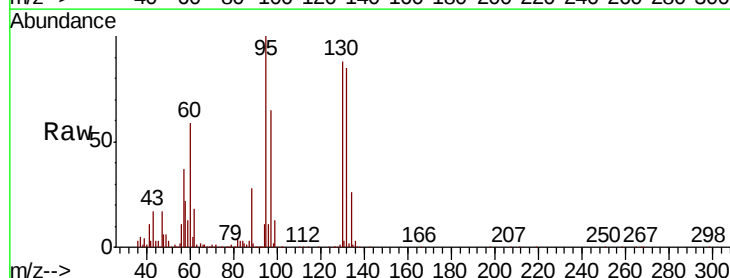
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0810ABS01

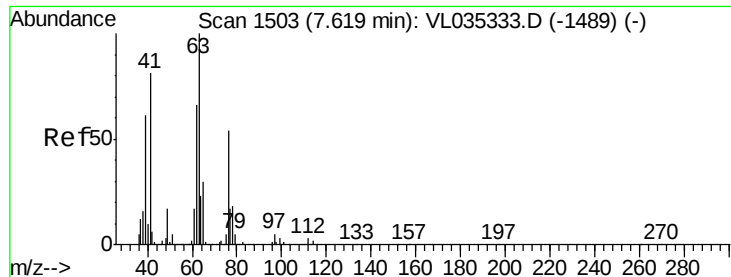
Tot Ion: 62 Resp: 1607332
 Ion Ratio Lower Upper
 62 100
 98 5.7 4.6 7.0



#38
 Trichloroethene
 Concen: 10.859 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VL035373.D
 Acq: 10 Aug 2020 14:18

Tgt Ion: 130 Resp: 1093265
 Ion Ratio Lower Upper
 130 100
 95 114.3 93.4 140.2
 132 97.2 76.1 114.1
 97 74.2 59.4 89.2

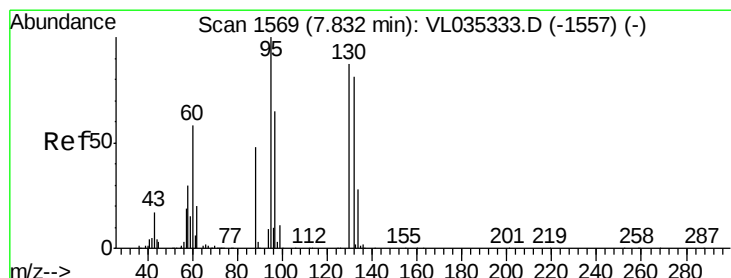
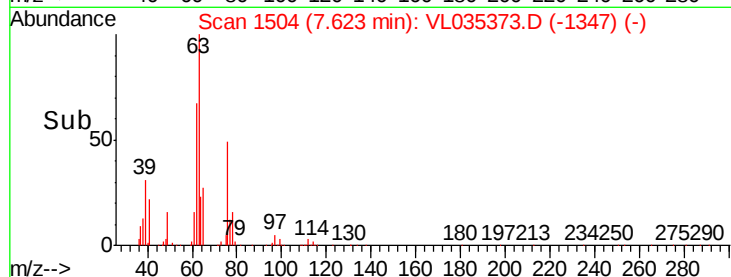
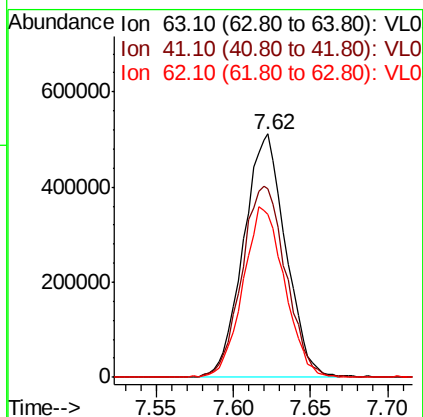
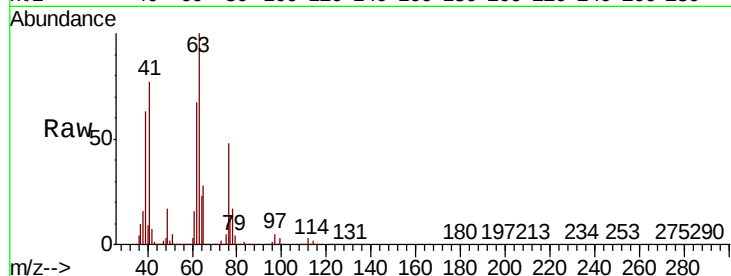




#39
 1,2-Dichloropropane
 Concen: 10.951 ppbv
 RT: 7.62 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: VL035373.D
 Acq: 10 Aug 2020 14:18

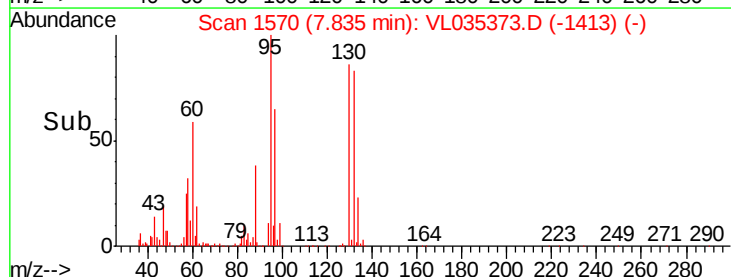
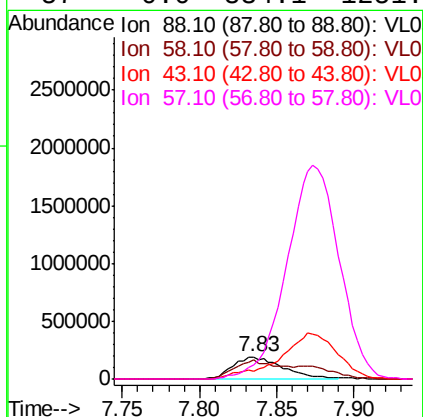
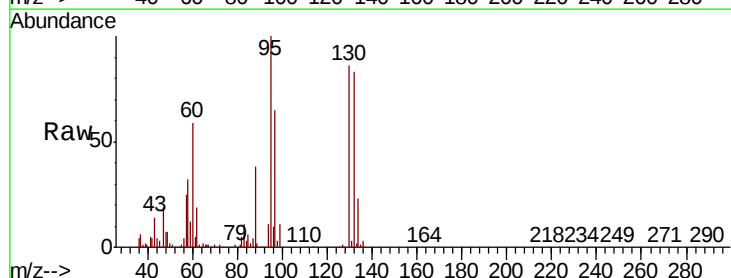
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0810ABS01

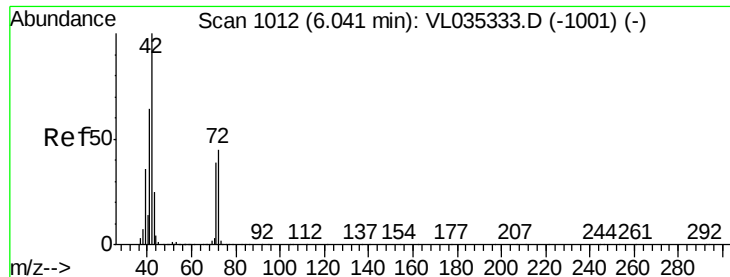
Tot Ion: 63 Resp: 967640
 Ion Ratio Lower Upper
 63 100
 41 77.3 64.4 96.6
 62 66.9 52.6 78.8



#40
 1,4-Dioxane
 Concen: 11.401 ppbv
 RT: 7.83 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: VL035373.D
 Acq: 10 Aug 2020 14:18

Tgt Ion: 88 Resp: 431393
 Ion Ratio Lower Upper
 88 100
 58 123.5 96.7 145.1
 43 0.0 190.7 286.1#
 57 0.0 834.1 1251.1#

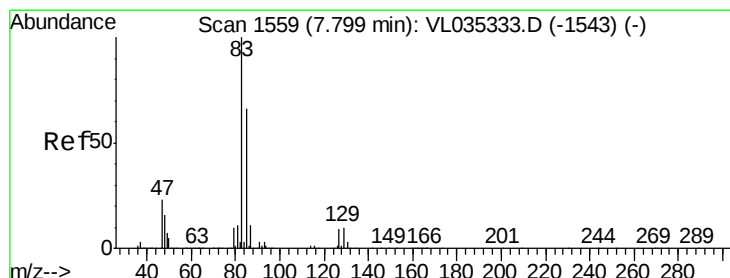
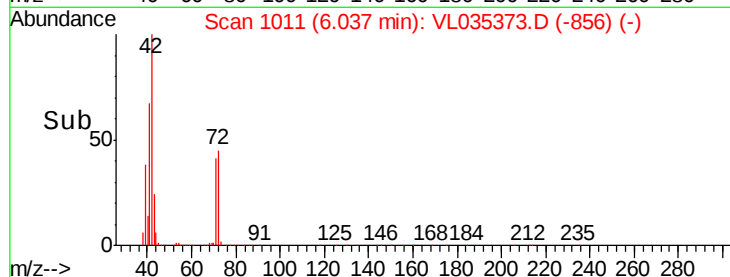
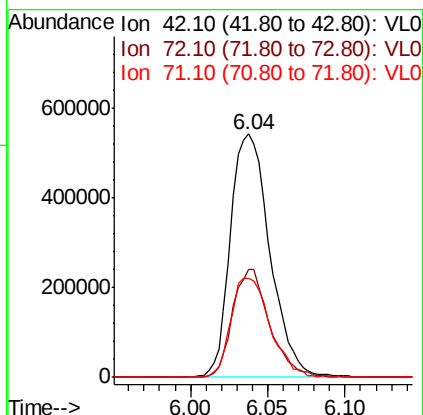
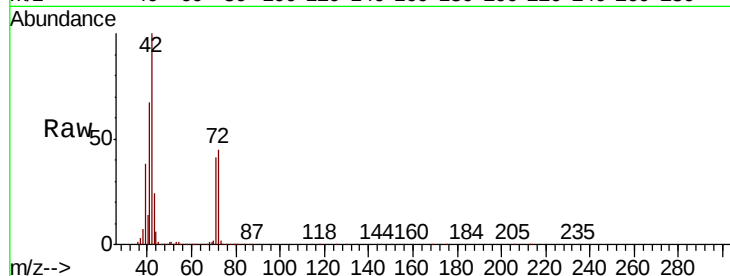




#41
Tetrahydrofuran
Concen: 12.278 ppbv
RT: 6.04 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VL035373.D
Acq: 10 Aug 2020 14:18

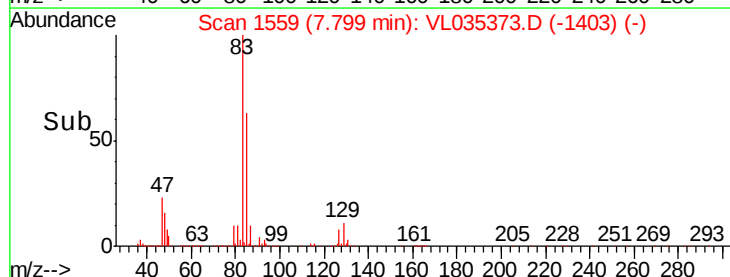
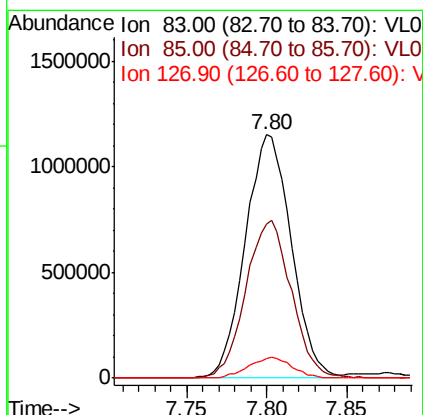
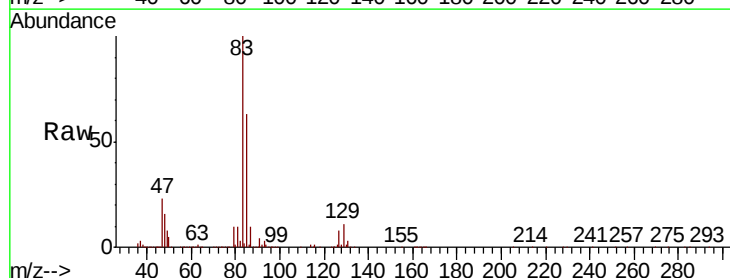
Instrument :
MSVOA_L
ClientSampleId :
VL0810ABS01

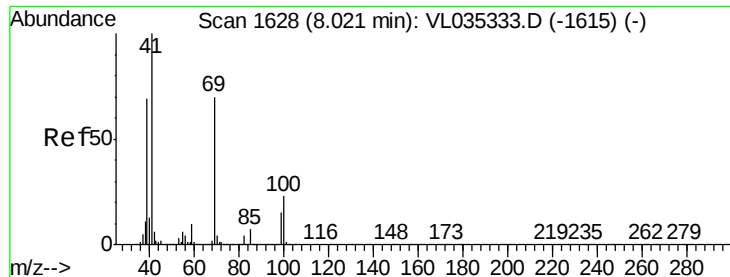
Tot Ion: 42 Resp: 958900
Ion Ratio Lower Upper
42 100
72 41.7 33.6 50.4
71 40.9 33.1 49.7



#42
Bromodichloromethane
Concen: 11.045 ppbv
RT: 7.80 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VL035373.D
Acq: 10 Aug 2020 14:18

Tgt Ion: 83 Resp: 2261522
Ion Ratio Lower Upper
83 100
85 63.2 53.1 79.7
127 7.9 6.8 10.2

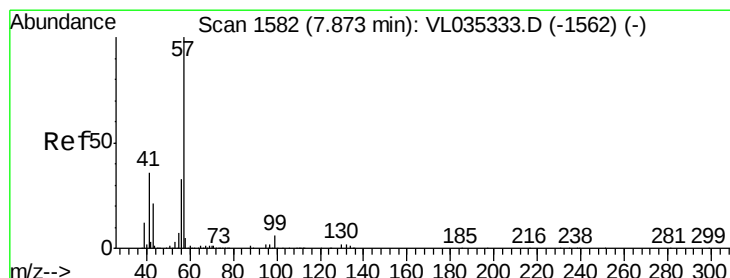
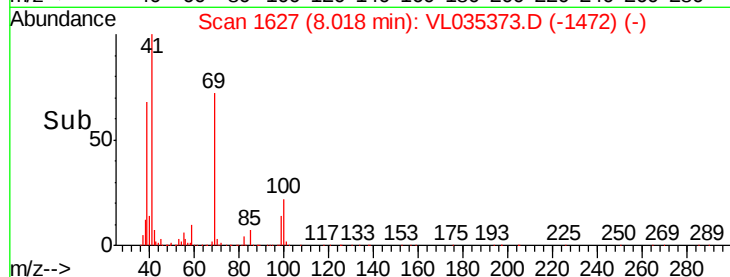
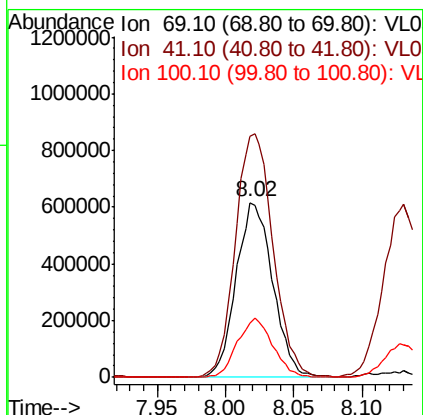
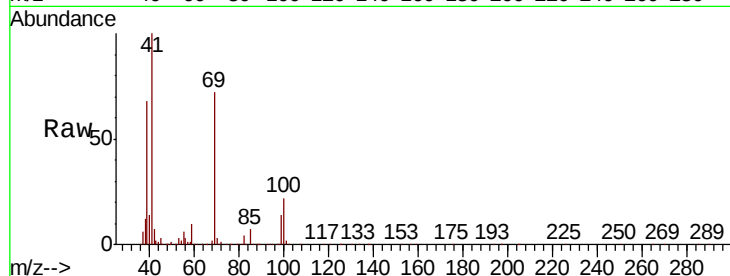




#43
Methvl Methacrilate
Concen: 12.542 ppbv
RT: 8.02 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VL035373.D
Acq: 10 Aug 2020 14:18

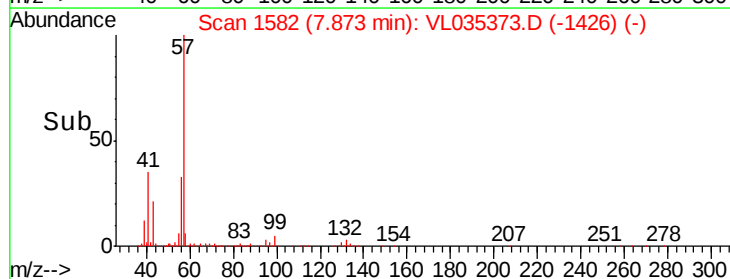
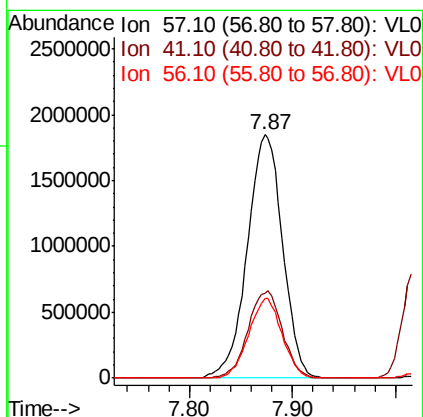
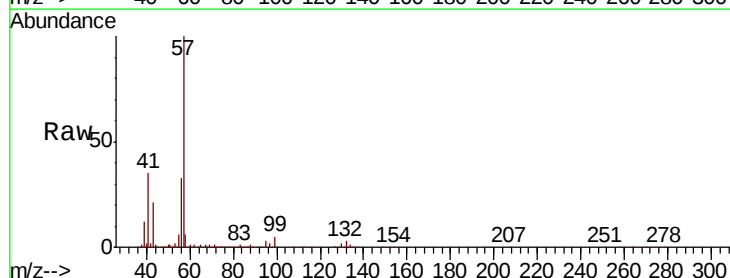
Instrument :
MSVOA_L
ClientSampleId :
VL0810ABS01

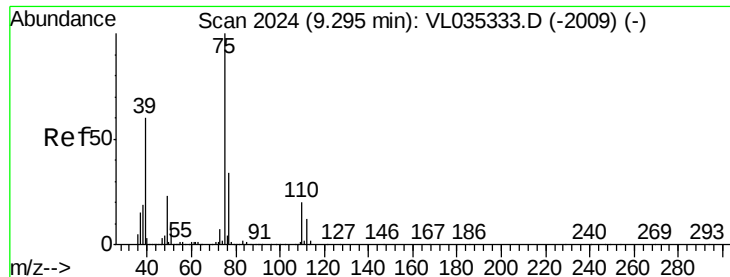
Tot Ion: 69 Resp: 1151612
Ion Ratio Lower Upper
69 100
41 142.8 115.8 173.6
100 32.8 26.7 40.1



#44
2,2,4-Trimethylpentane
Concen: 11.298 ppbv
RT: 7.87 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VL035373.D
Acq: 10 Aug 2020 14:18

Tgt Ion: 57 Resp: 4380885
Ion Ratio Lower Upper
57 100
41 34.9 27.9 41.9
56 31.1 25.4 38.0





#45

t-1,3-Dichloropropene

Concen: 13.419 ppbv

RT: 9.30 min Scan# 2025

Delta R.T. 0.00 min

Lab File: VL035373.D

Acq: 10 Aug 2020 14:18

Instrument :

MSVOA_L

ClientSampleId :

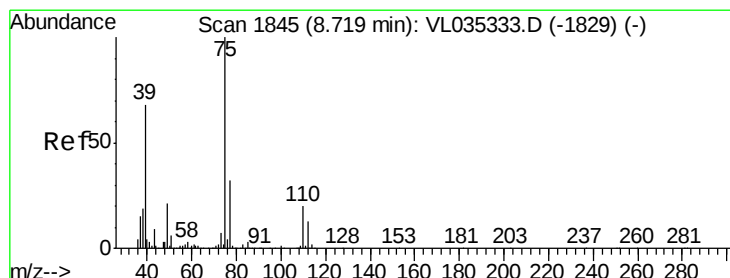
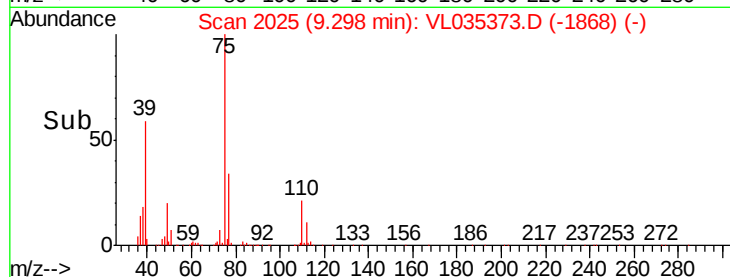
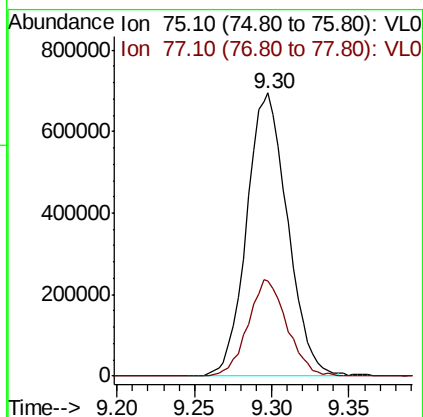
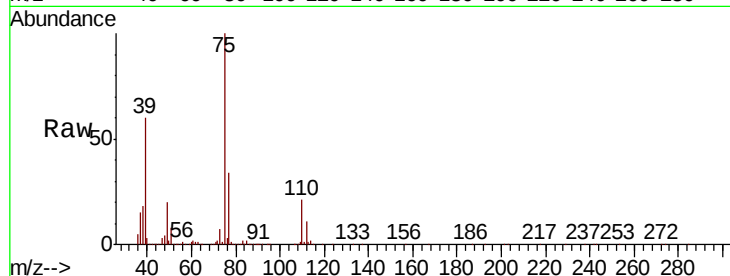
VL0810ABS01

Tot Ion: 75 Resp: 1278151

Ion Ratio Lower Upper

75 100

77 33.5 27.0 40.6



#46

cis-1,3-Dichloropropene

Concen: 13.178 ppbv

RT: 8.72 min Scan# 1845

Delta R.T. 0.00 min

Lab File: VL035373.D

Acq: 10 Aug 2020 14:18

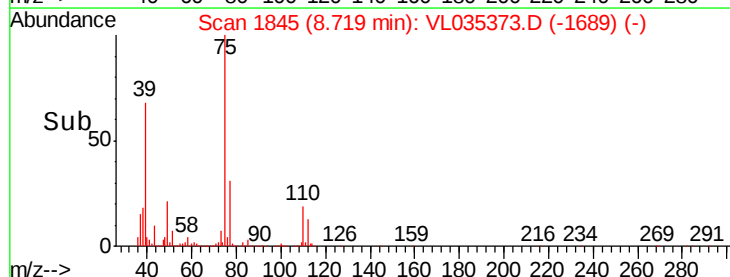
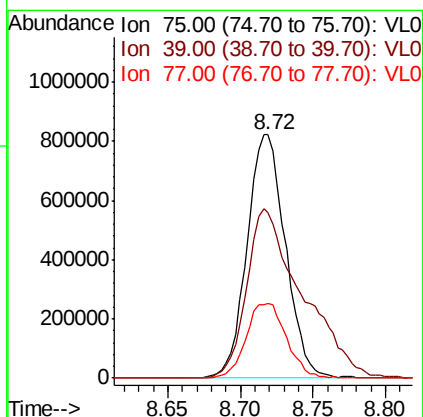
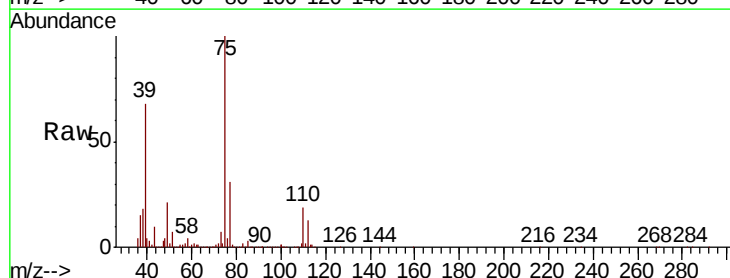
Tgt Ion: 75 Resp: 1515965

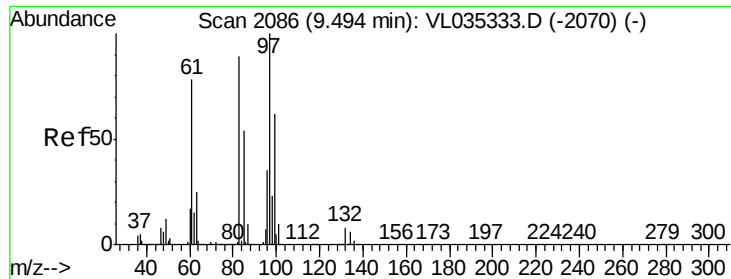
Ion Ratio Lower Upper

75 100

39 67.7 54.2 81.2

77 30.5 25.4 38.2



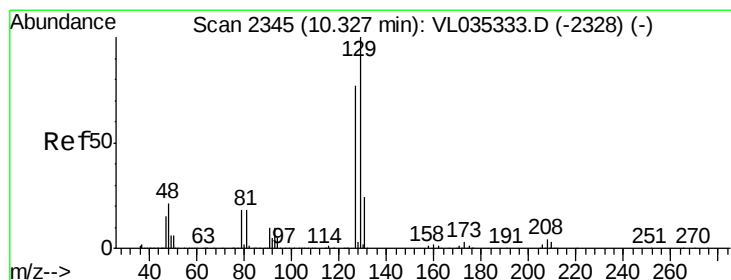
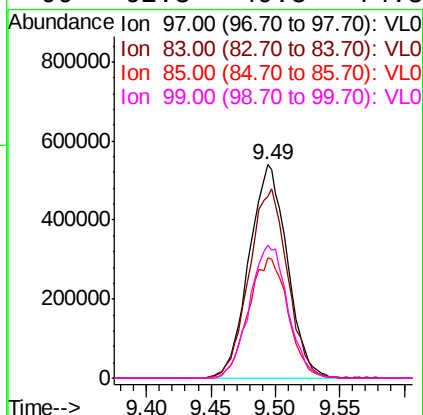
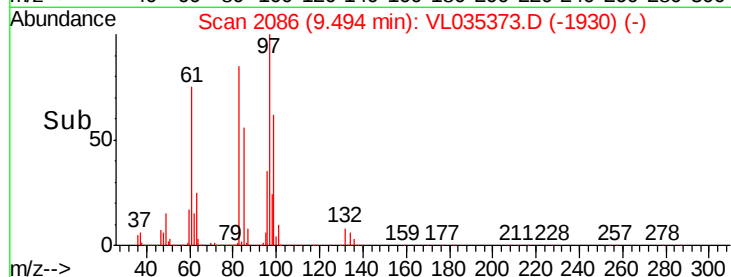
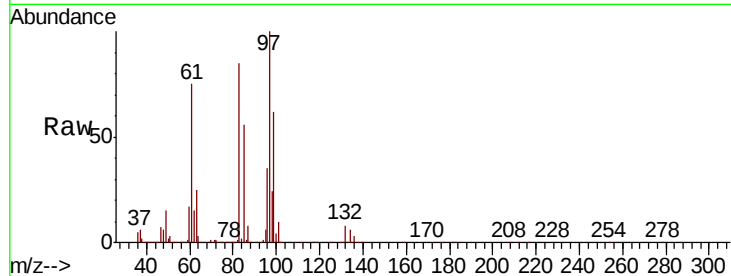


#47
 1,1,2-Trichloroethane
 Concen: 10.500 ppbv
 RT: 9.49 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: VL035373.D
 Acq: 10 Aug 2020 14:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0810ABS01

Tot Ion: 97 Resp: 1115472

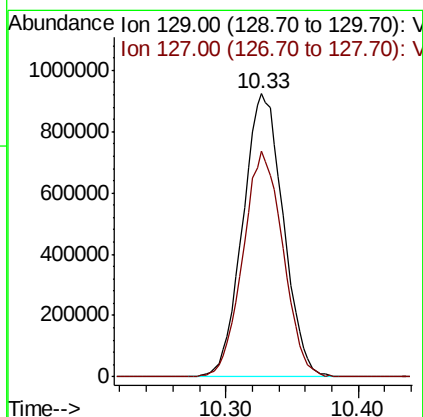
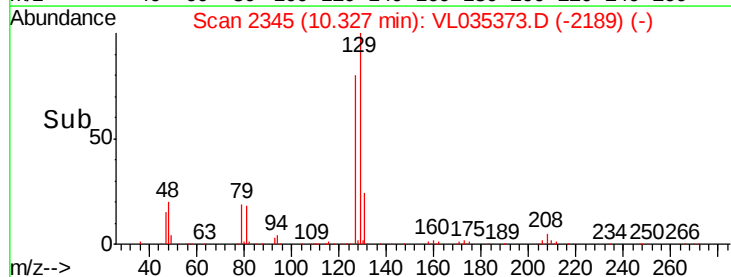
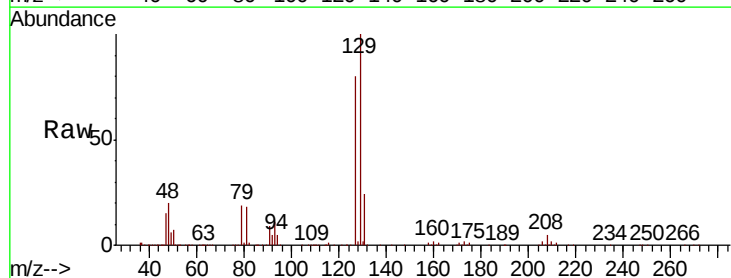
Ion	Ratio	Lower	Upper
97	100		
83	85.0	71.3	106.9
85	56.5	43.3	64.9
99	62.3	49.8	74.8

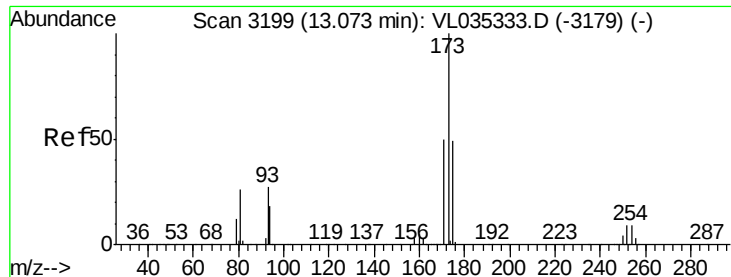


#48
 Dibromochloromethane
 Concen: 11.245 ppbv
 RT: 10.33 min Scan# 2345
 Delta R.T. 0.00 min
 Lab File: VL035373.D
 Acq: 10 Aug 2020 14:18

Tgt Ion: 129 Resp: 1956940

Ion	Ratio	Lower	Upper
129	100		
127	78.8	39.1	117.2





#49

Bromoform

Concen: 11.394 ppbv

RT: 13.08 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VL035373.D

Acq: 10 Aug 2020 14:18

Instrument :

MSVOA_L

ClientSampleId :

VL0810ABS01

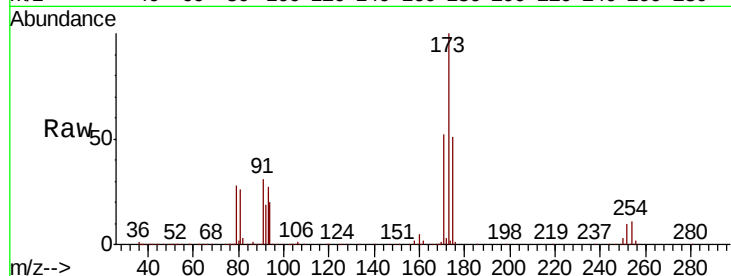
Tot Ion:173 Resp: 1806852

Ion Ratio Lower Upper

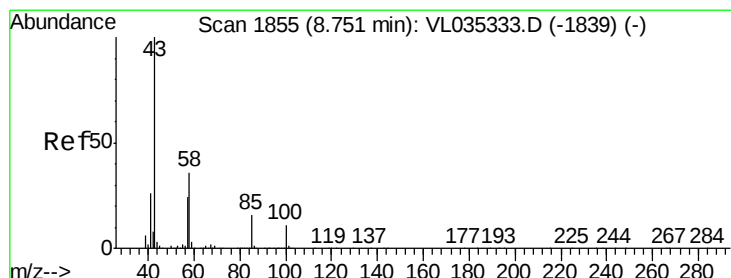
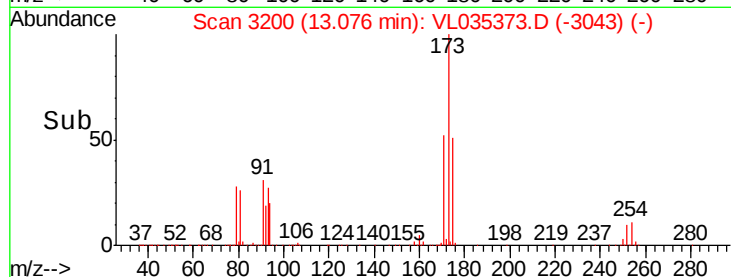
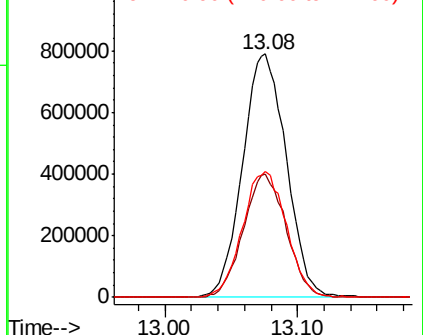
173 100

175 49.6 39.3 58.9

171 52.2 41.2 61.8



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: 11.383 ppbv

RT: 8.75 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VL035373.D

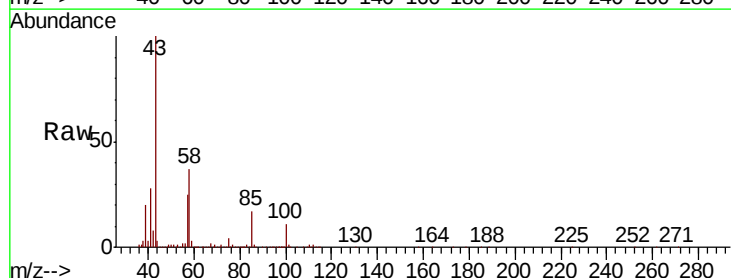
Acq: 10 Aug 2020 14:18

Tgt Ion: 43 Resp: 2765993

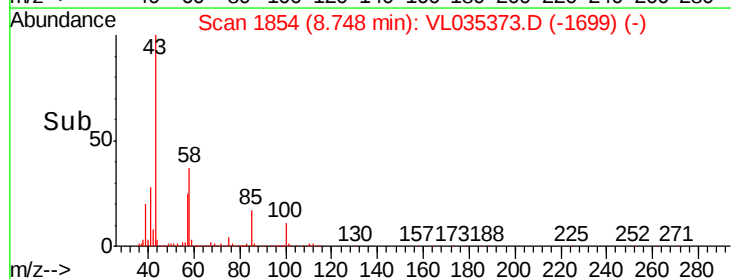
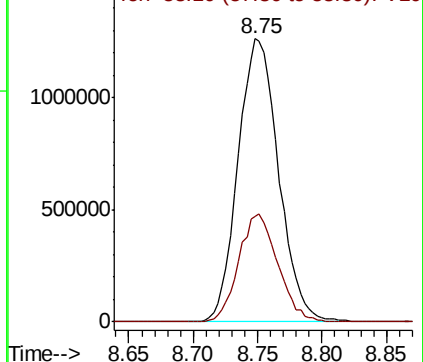
Ion Ratio Lower Upper

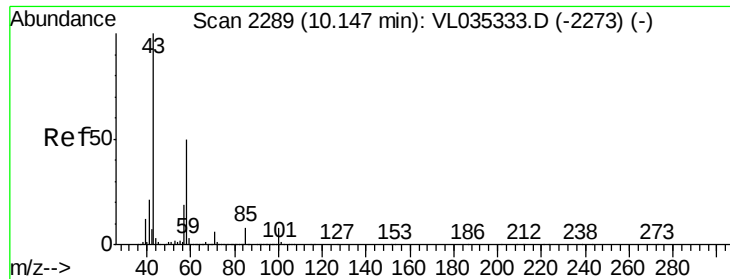
43 100

58 36.8 29.2 43.8



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0

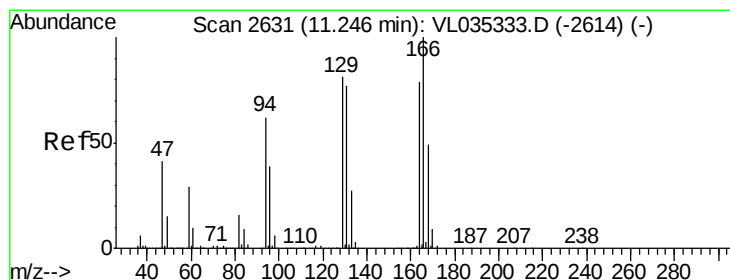
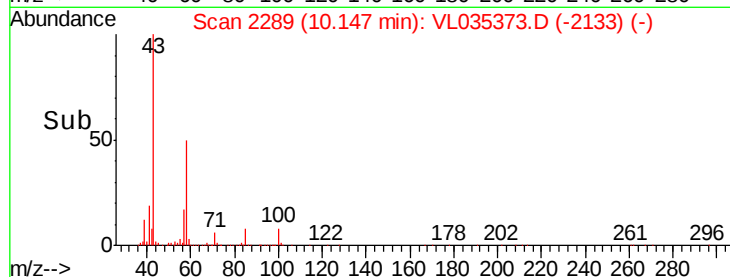
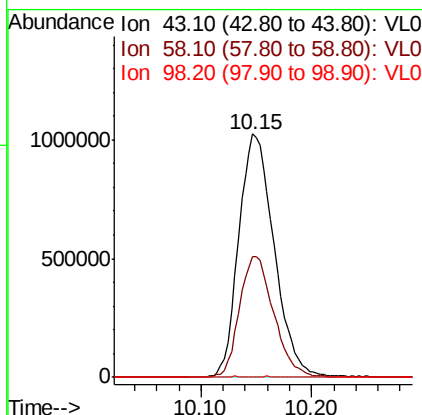
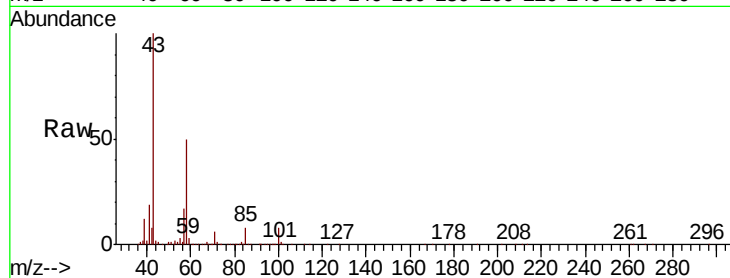




#51
2-Hexanone
Concen: 11.958 ppbv
RT: 10.15 min Scan# 2289
Delta R.T. 0.00 min
Lab File: VL035373.D
Acq: 10 Aug 2020 14:18

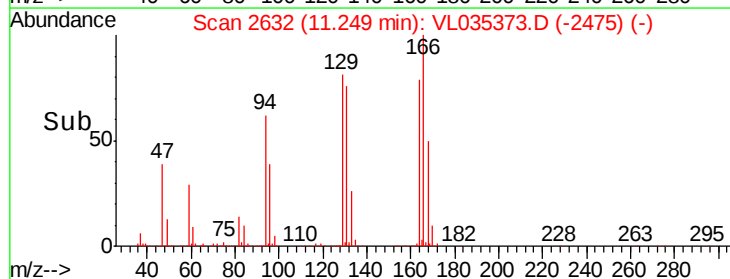
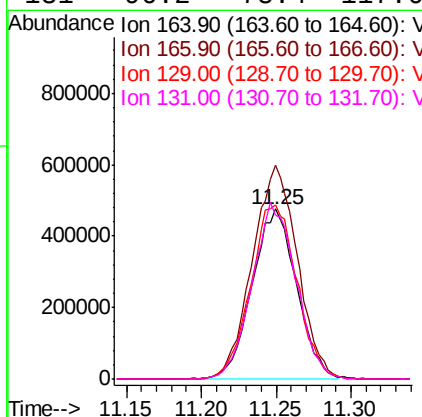
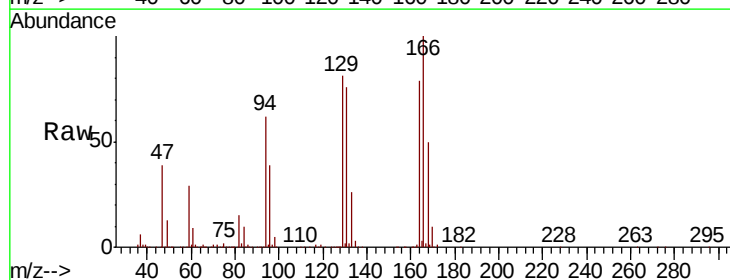
Instrument :
MSVOA_L
ClientSampleId :
VL0810ABS01

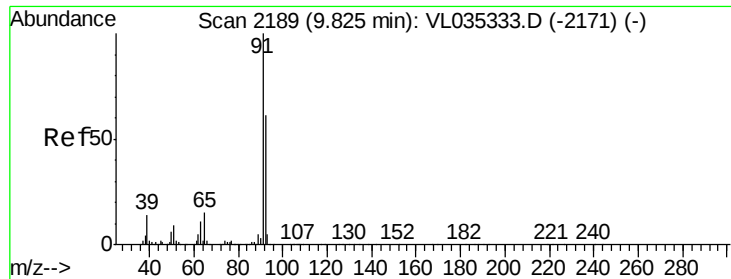
Tot Ion: 43 Resp: 2277925
Ion Ratio Lower Upper
43 100
58 48.4 39.4 59.2
98 0.5 0.2 0.4#



#52
Tetrachloroethene
Concen: 11.337 ppbv
RT: 11.25 min Scan# 2632
Delta R.T. 0.00 min
Lab File: VL035373.D
Acq: 10 Aug 2020 14:18

Tgt Ion: 164 Resp: 981042
Ion Ratio Lower Upper
164 100
166 125.8 101.4 152.0
129 102.4 82.1 123.1
131 96.2 78.4 117.6





#53

Toluene

Concen: 12.811 ppbv

RT: 9.82 min Scan# 2188

Delta R.T. -0.00 min

Lab File: VL035373.D

Acq: 10 Aug 2020 14:18

Instrument :

MSVOA_L

ClientSampleId :

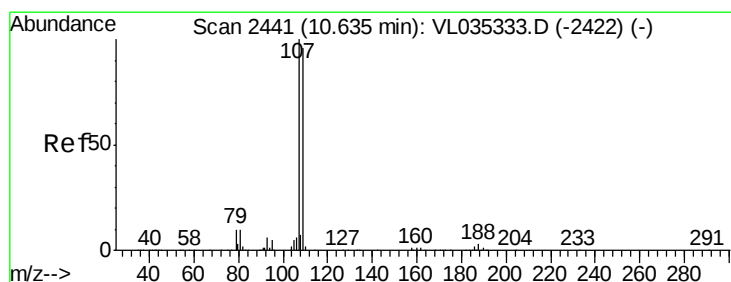
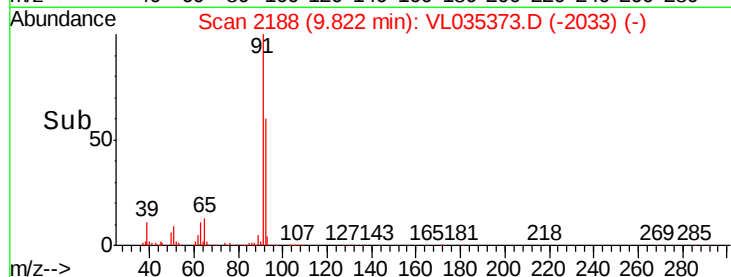
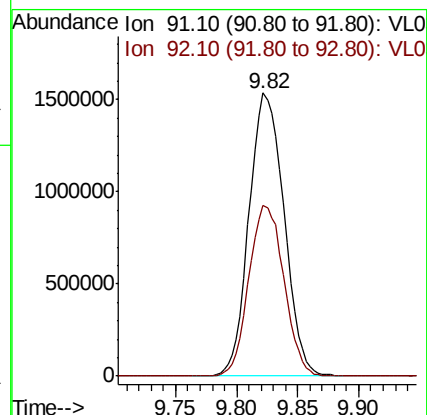
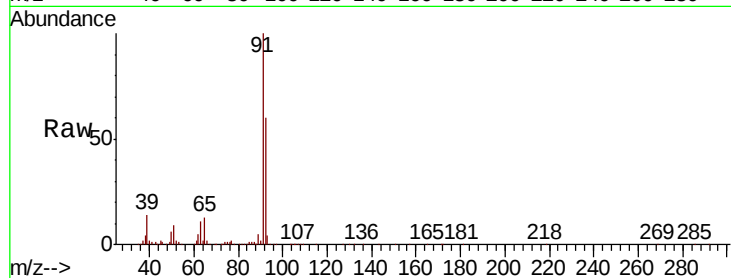
VL0810ABS01

Tot Ion: 91 Resp: 3041769

Ion Ratio Lower Upper

91 100

92 60.3 48.5 72.7



#54

1,2-Dibromoethane

Concen: 11.181 ppbv

RT: 10.64 min Scan# 2441

Delta R.T. 0.00 min

Lab File: VL035373.D

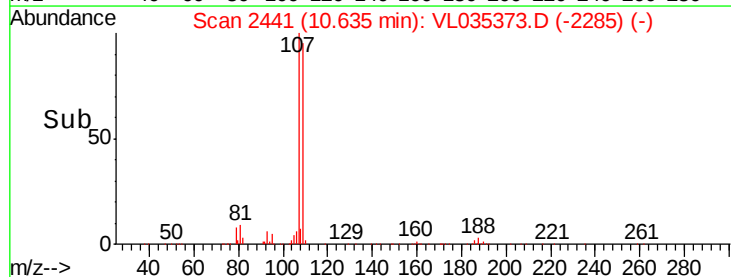
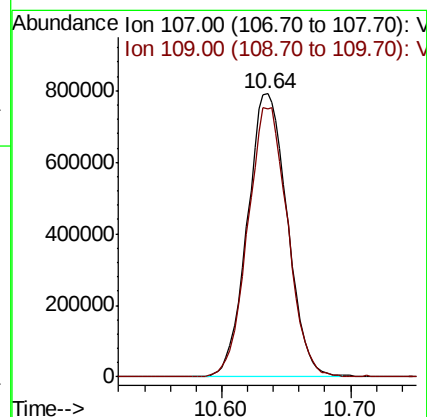
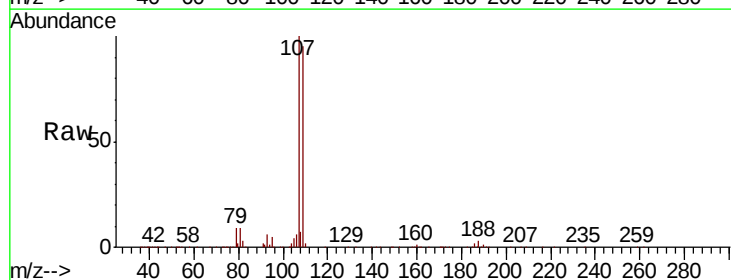
Acq: 10 Aug 2020 14:18

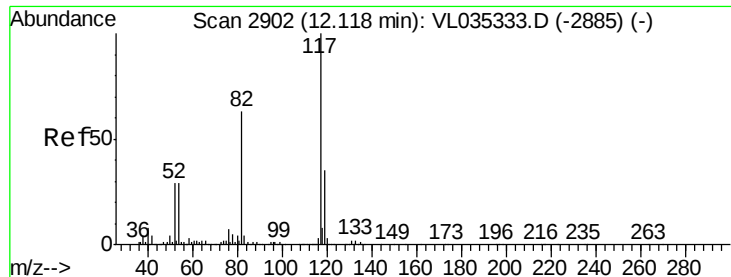
Tgt Ion: 107 Resp: 1704208

Ion Ratio Lower Upper

107 100

109 94.8 76.8 115.2

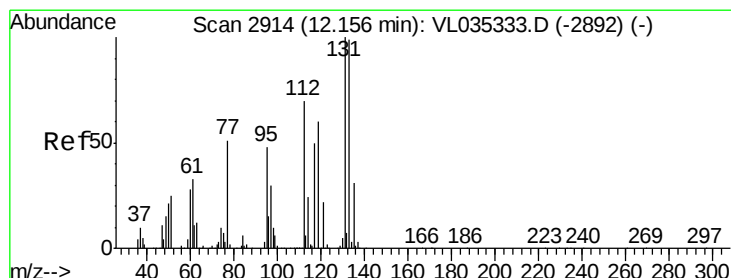
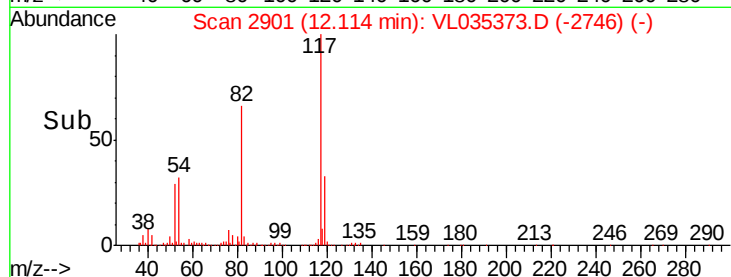
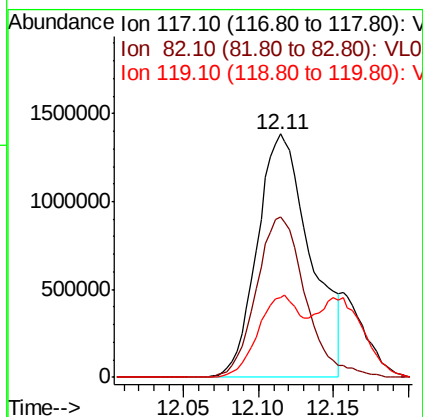
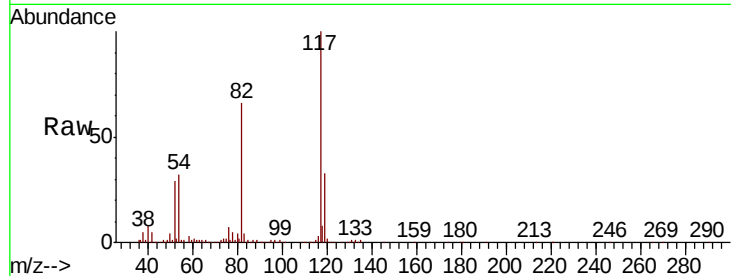




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. -0.00 min
Lab File: VL035373.D
Acq: 10 Aug 2020 14:18

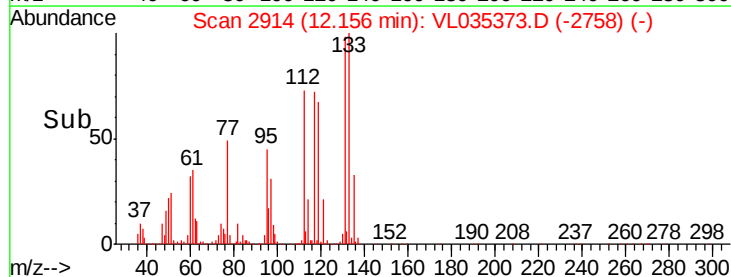
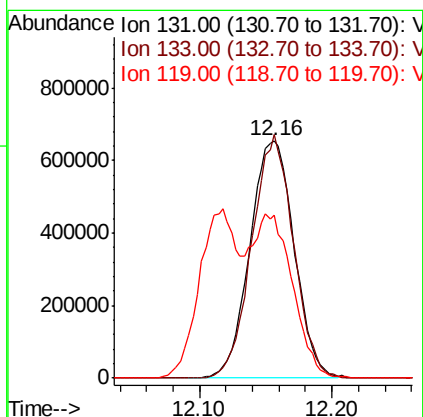
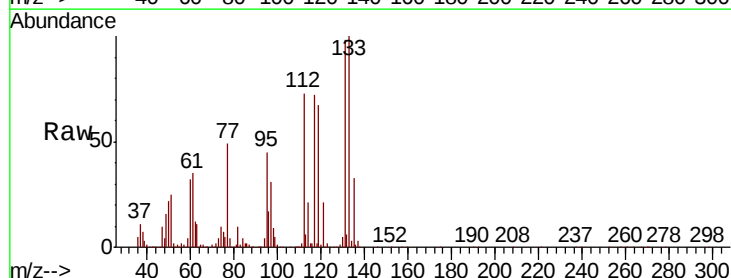
Instrument :
MSVOA_L
ClientSampleId :
VL0810ABS01

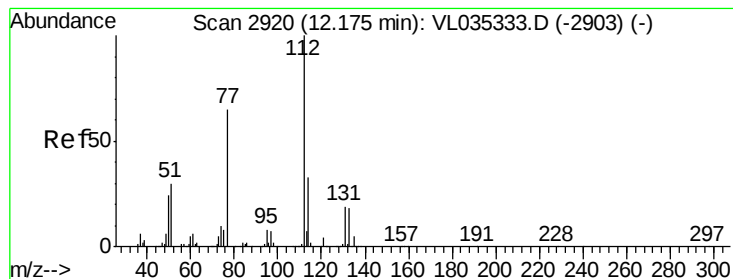
Tot Ion:117 Resp: 3422118
Ion Ratio Lower Upper
117 100
82 61.3 51.0 76.4
119 24.6 24.7 37.1#



#56
1,1,1,2-Tetrachloroethane
Concen: 9.434 ppbv
RT: 12.16 min Scan# 2914
Delta R.T. 0.00 min
Lab File: VL035373.D
Acq: 10 Aug 2020 14:18

Tgt Ion:131 Resp: 1523823
Ion Ratio Lower Upper
131 100
133 96.8 75.4 113.2
119 72.9 43.7 65.5#





#57

Chlorobenzene

Concen: 9.679 ppbv

RT: 12.18 min Scan# 2921

Delta R.T. 0.00 min

Lab File: VL035373.D

Acq: 10 Aug 2020 14:18

Instrument :

MSVOA_L

ClientSampleId :

VL0810ABS01

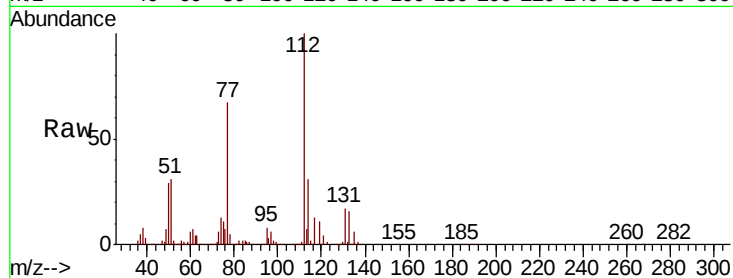
Tot Ion:112 Resp: 2494119

Ion Ratio Lower Upper

112 100

77 67.2 53.3 79.9

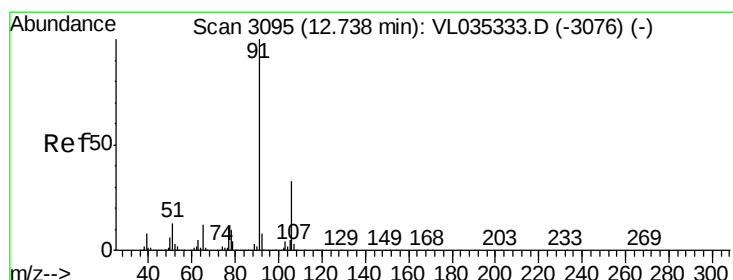
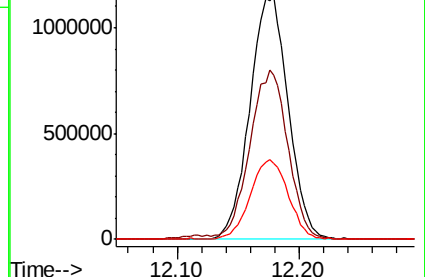
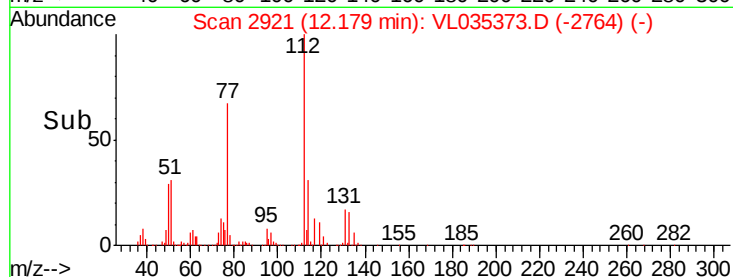
114 31.3 29.8 36.4



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 11.543 ppbv

RT: 12.74 min Scan# 3095

Delta R.T. 0.00 min

Lab File: VL035373.D

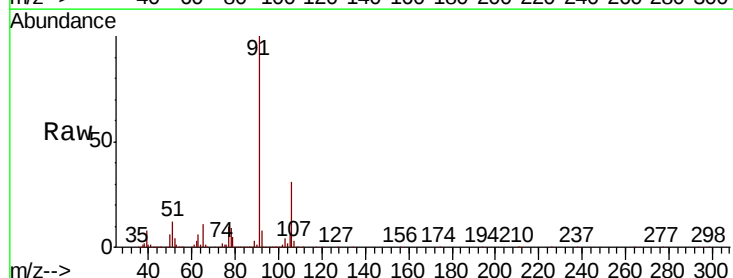
Acq: 10 Aug 2020 14:18

Tgt Ion: 91 Resp: 4110289

Ion Ratio Lower Upper

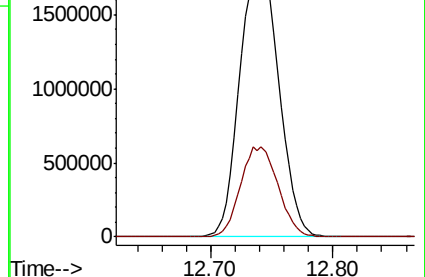
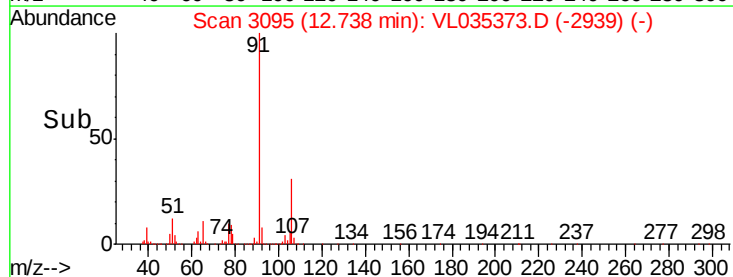
91 100

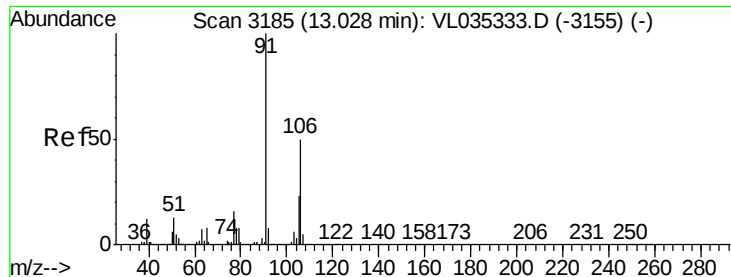
106 30.7 26.8 40.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

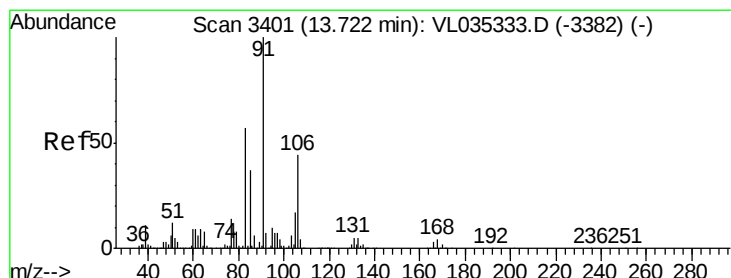
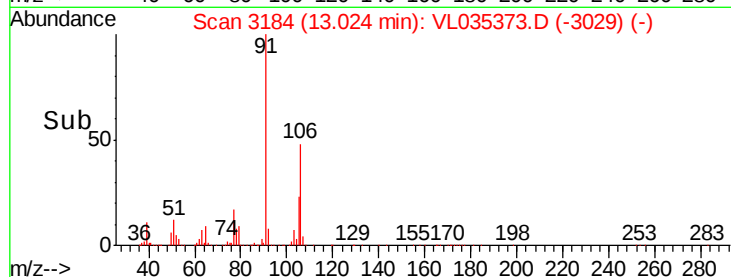
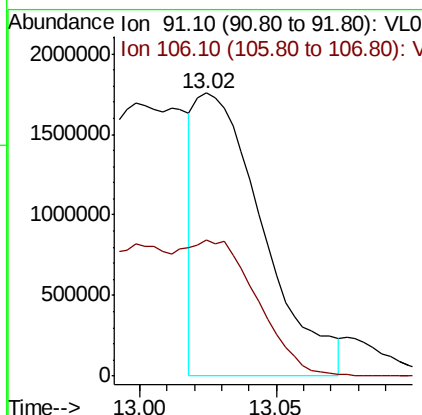
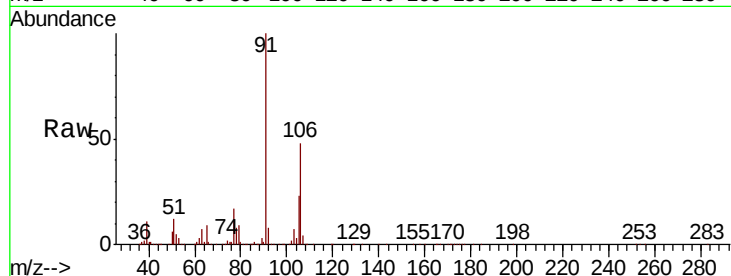




#59
m/p-Xylene
Concen: 9.060 ppbv
RT: 13.02 min Scan# 3184
Delta R.T. -0.00 min
Lab File: VL035373.D
Acq: 10 Aug 2020 14:18

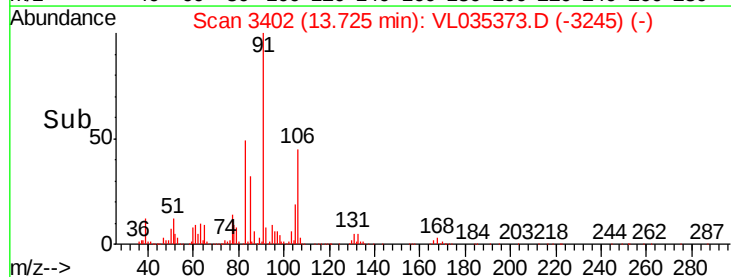
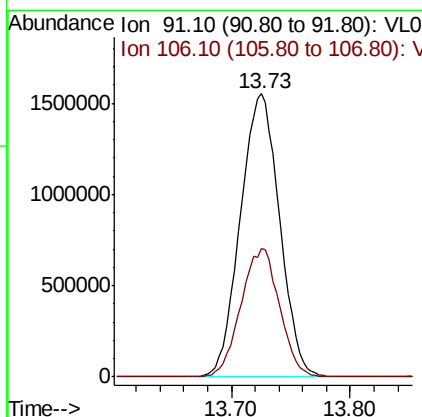
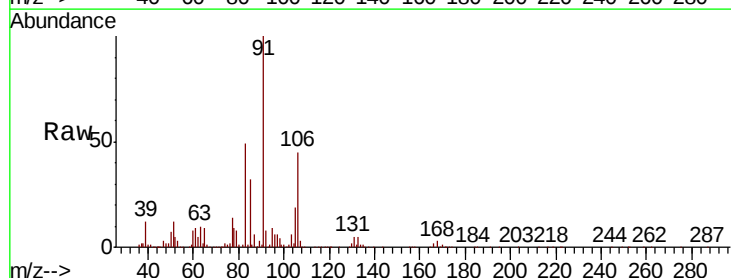
Instrument :
MSVOA_L
ClientSampleId :
VL0810ABS01

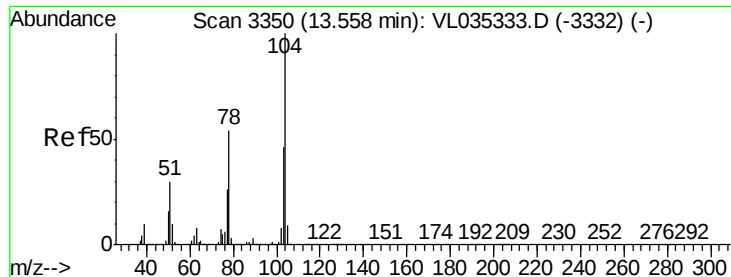
Tot Ion: 91 Resp: 3003910
Ion Ratio Lower Upper
91 100
106 108.4 37.8 56.8#



#60
o-Xylene
Concen: 10.746 ppbv
RT: 13.73 min Scan# 3402
Delta R.T. 0.00 min
Lab File: VL035373.D
Acq: 10 Aug 2020 14:18

Tgt Ion: 91 Resp: 3535807
Ion Ratio Lower Upper
91 100
106 44.8 22.7 68.0





#61

Stvrene

Concen: 12.404 ppbv

RT: 13.56 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VL035373.D

Acq: 10 Aug 2020 14:18

Instrument :

MSVOA_L

ClientSampleId :

VL0810ABS01

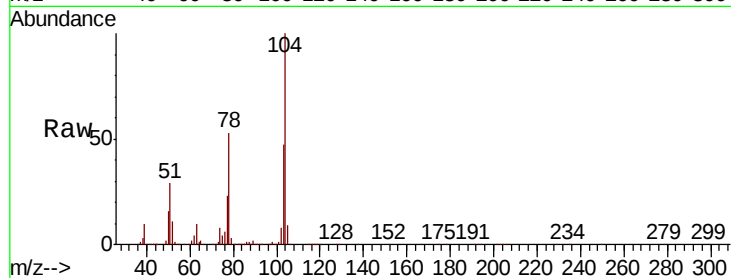
Tot Ion:104 Resp: 2492503

Ion Ratio Lower Upper

104 100

78 54.4 42.6 63.8

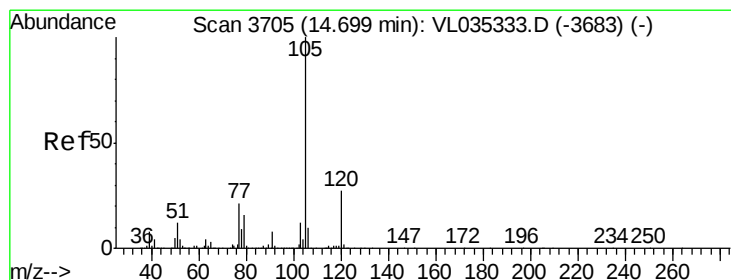
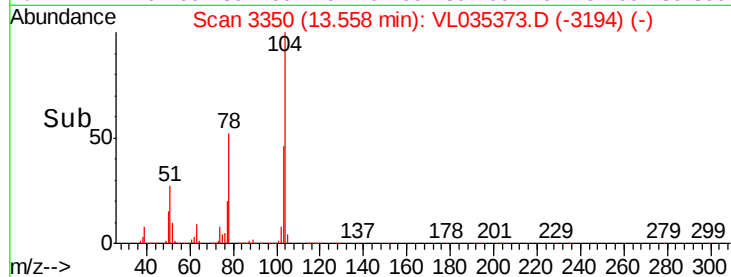
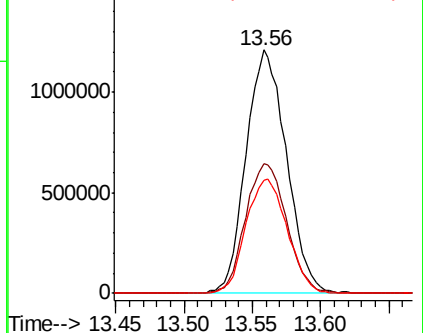
103 48.1 38.1 57.1



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: 10.600 ppbv

RT: 14.70 min Scan# 3706

Delta R.T. 0.00 min

Lab File: VL035373.D

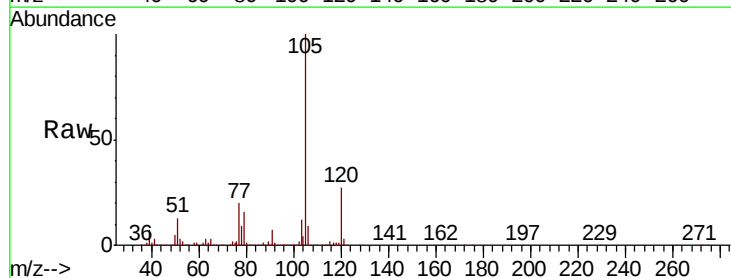
Acq: 10 Aug 2020 14:18

Tgt Ion:105 Resp: 5251557

Ion Ratio Lower Upper

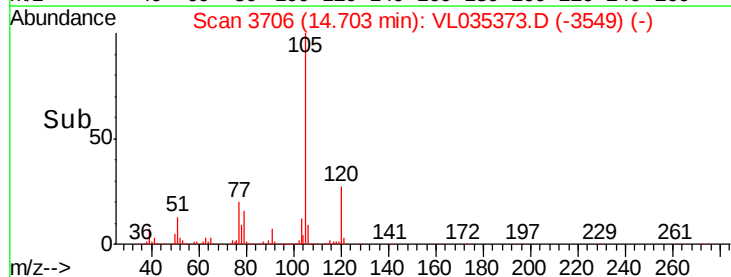
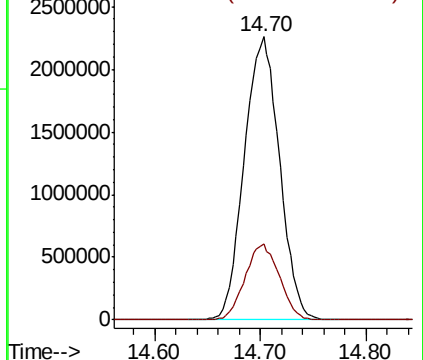
105 100

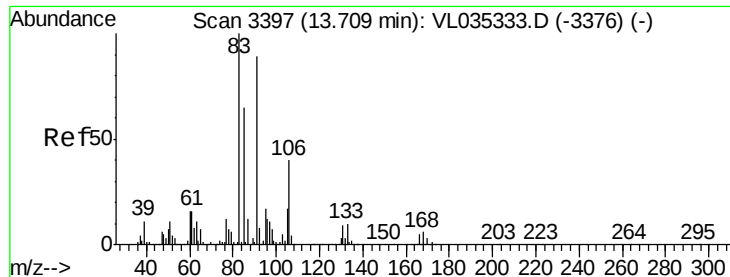
120 26.1 21.1 31.7



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: 9.147 ppbv

RT: 13.71 min Scan# 3398

Delta R.T. 0.00 min

Lab File: VL035373.D

Acq: 10 Aug 2020 14:18

Instrument :

MSVOA_L

ClientSampleId :

VL0810ABS01

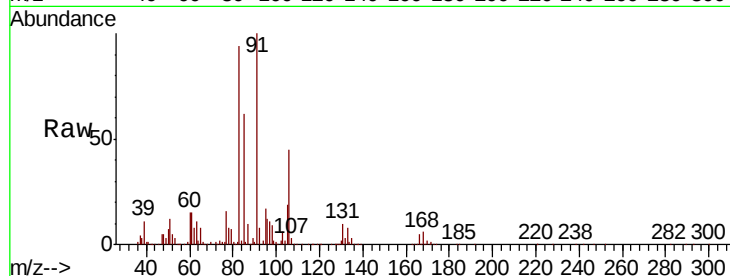
Tot Ion: 83 Resp: 2567573

Ion Ratio Lower Upper

83 100

131 9.6 5.0 14.9

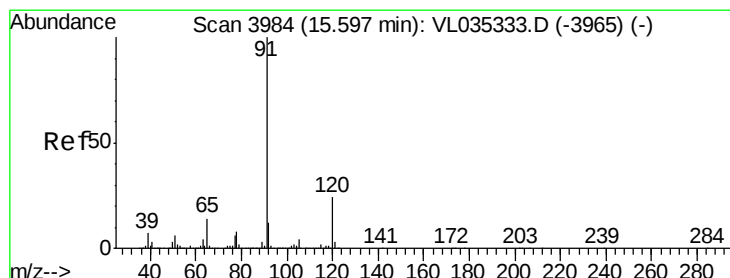
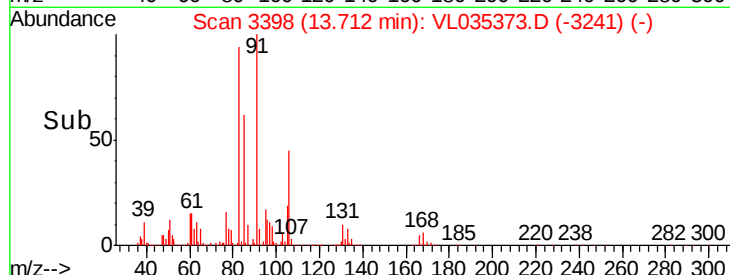
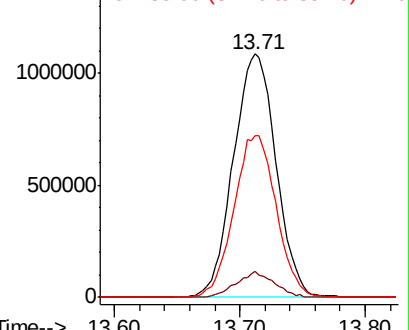
85 66.0 32.6 98.0



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: 10.779 ppbv

RT: 15.60 min Scan# 3984

Delta R.T. 0.00 min

Lab File: VL035373.D

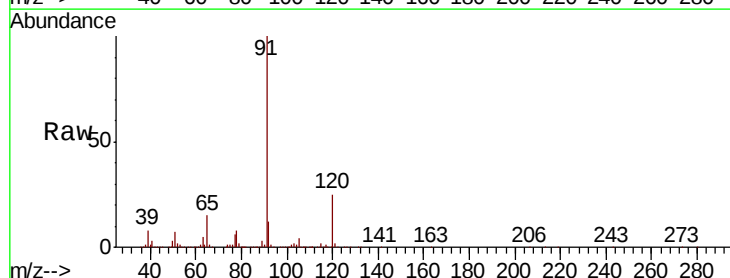
Acq: 10 Aug 2020 14:18

Tgt Ion:120 Resp: 1435161

Ion Ratio Lower Upper

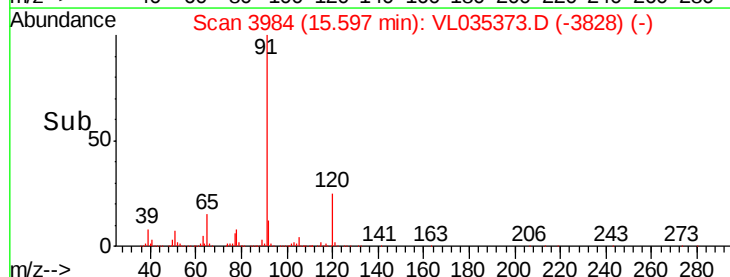
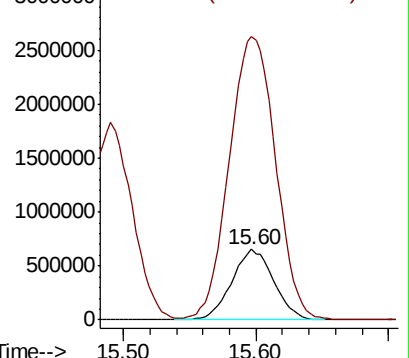
120 100

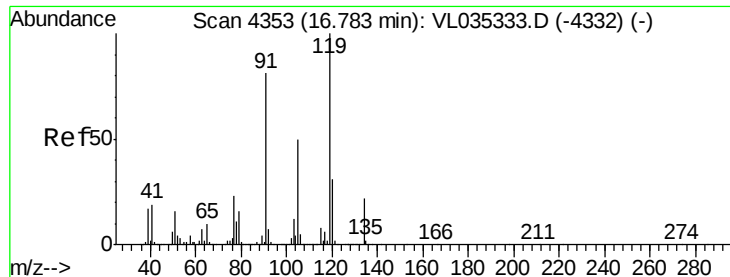
91 443.9 357.2 535.8



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0





#65

tert-Butylbenzene

Concen: 10.606 ppbv

RT: 16.78 min Scan# 4353

Delta R.T. 0.00 min

Lab File: VL035373.D

Acq: 10 Aug 2020 14:18

Instrument :

MSVOA_L

ClientSampleId :

VL0810ABS01

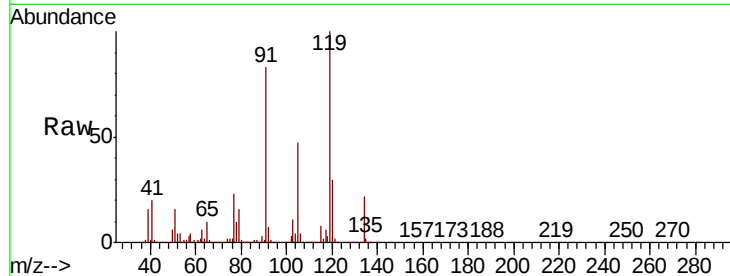
Tot Ion:119 Resp: 4811461

Ion Ratio Lower Upper

119 100

91 84.0 66.3 99.5

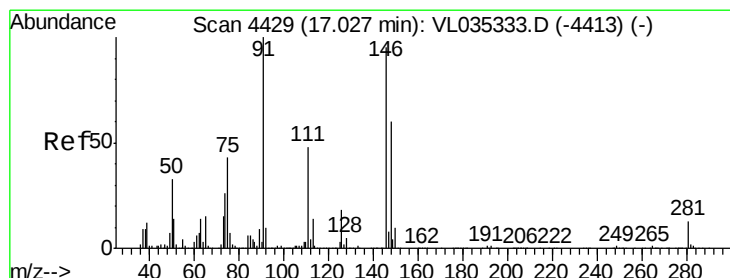
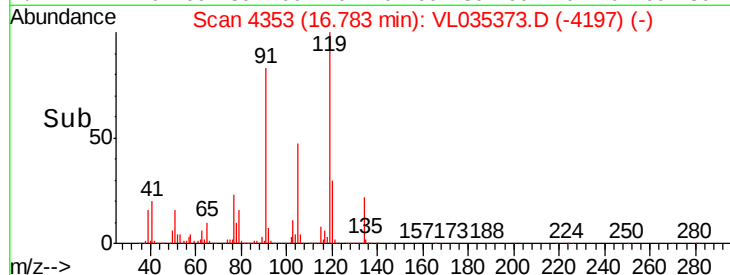
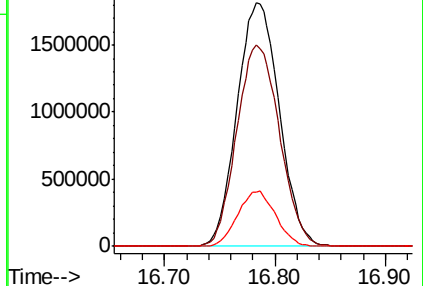
134 20.5 16.2 24.2



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: 11.292 ppbv

RT: 17.03 min Scan# 4430

Delta R.T. 0.00 min

Lab File: VL035373.D

Acq: 10 Aug 2020 14:18

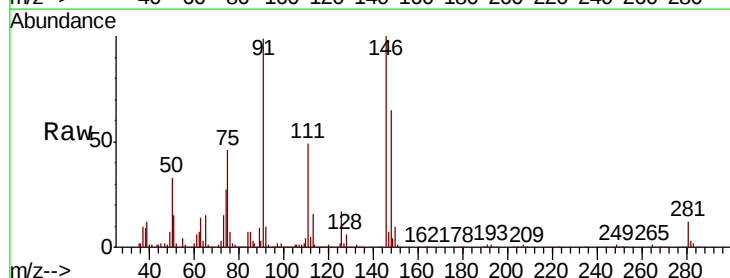
Tgt Ion: 91 Resp: 2027643

Ion Ratio Lower Upper

91 100

126 17.0 14.1 21.1

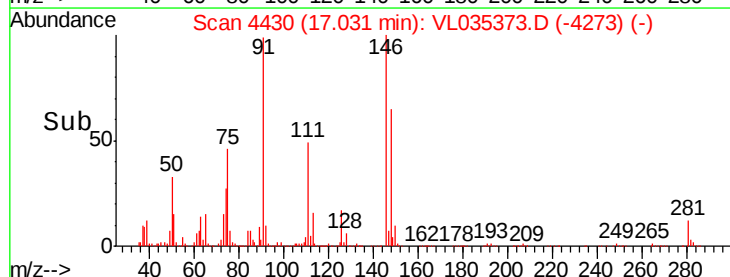
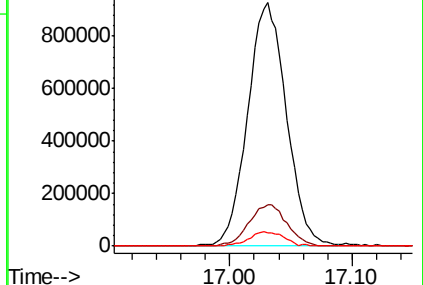
128 5.5 4.5 6.7

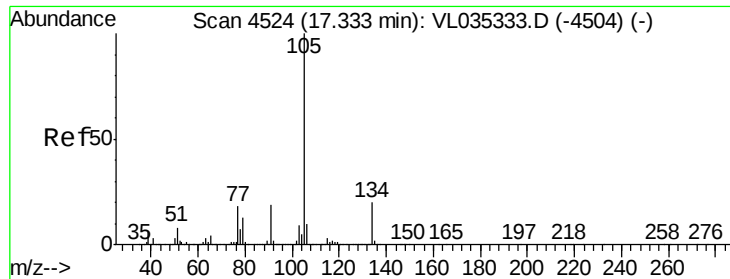


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V

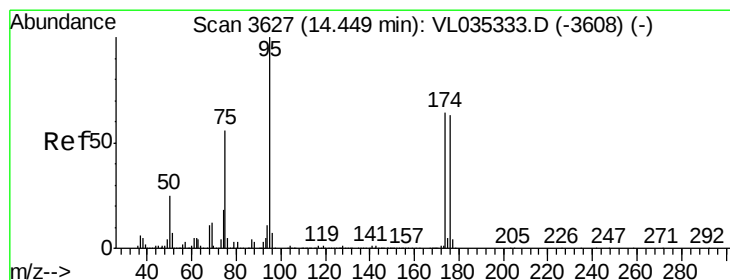
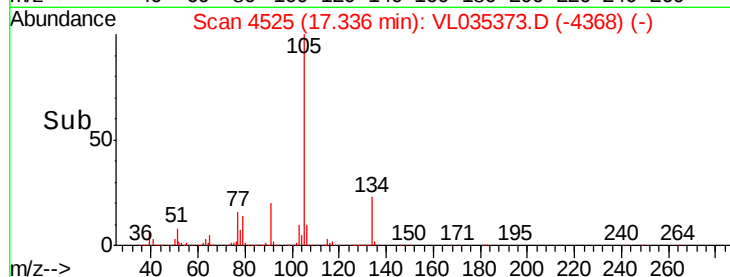
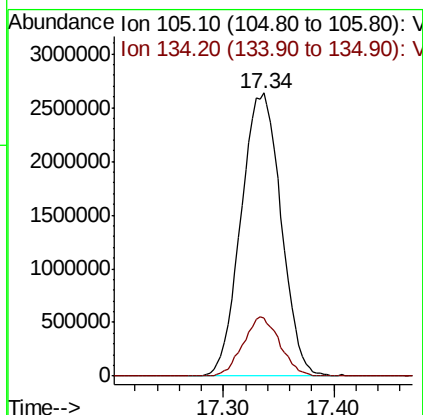
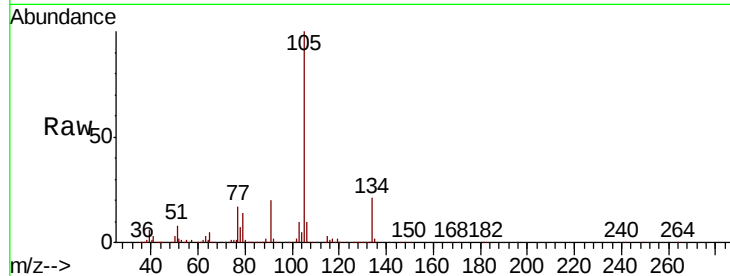




#67
 sec-Butylbenzene
 Concen: 10.320 ppbv
 RT: 17.34 min Scan# 4525
 Delta R.T. 0.00 min
 Lab File: VL035373.D
 Acq: 10 Aug 2020 14:18

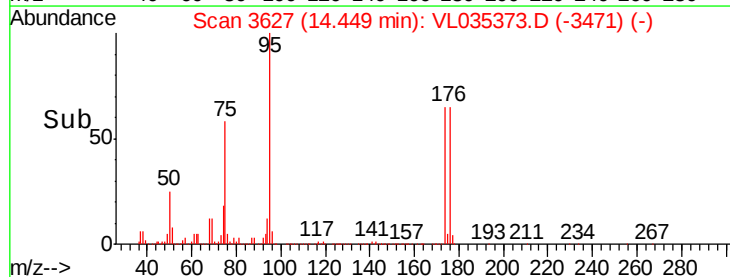
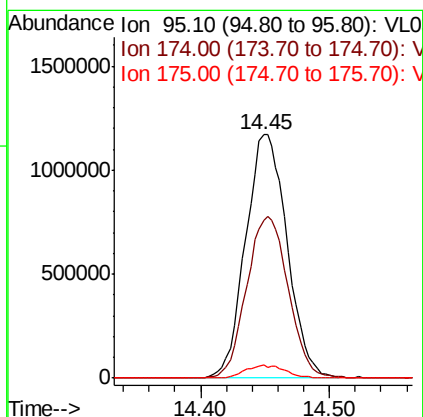
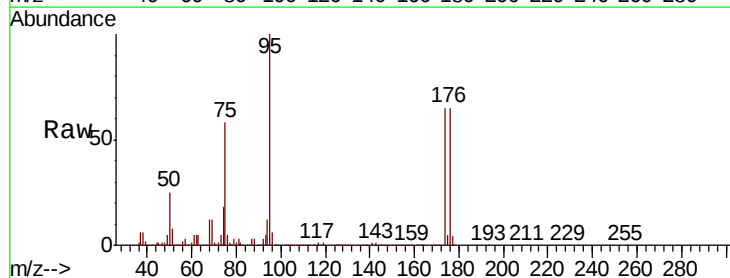
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0810ABS01

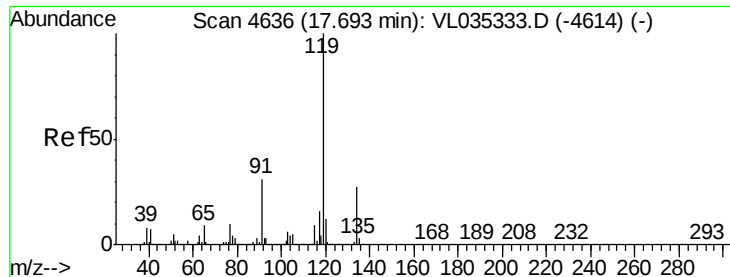
Tot Ion:105 Resp: 6622559
 Ion Ratio Lower Upper
 105 100
 134 19.2 15.4 23.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.148 ppbv
 RT: 14.45 min Scan# 3627
 Delta R.T. 0.00 min
 Lab File: VL035373.D
 Acq: 10 Aug 2020 14:18

Tgt Ion: 95 Resp: 2610738
 Ion Ratio Lower Upper
 95 100
 174 67.2 53.5 80.3
 175 5.1 4.2 6.2





#69

p-Isopropyltoluene

Concen: 10.874 ppbv

RT: 17.69 min Scan# 4636

Delta R.T. 0.00 min

Lab File: VL035373.D

Acq: 10 Aug 2020 14:18

Instrument :

MSVOA_L

ClientSampleId :

VL0810ABS01

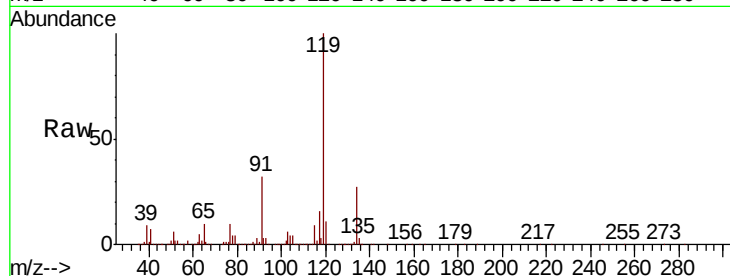
Tot Ion:119 Resp: 5688574

Ion Ratio Lower Upper

119 100

134 26.0 21.1 31.7

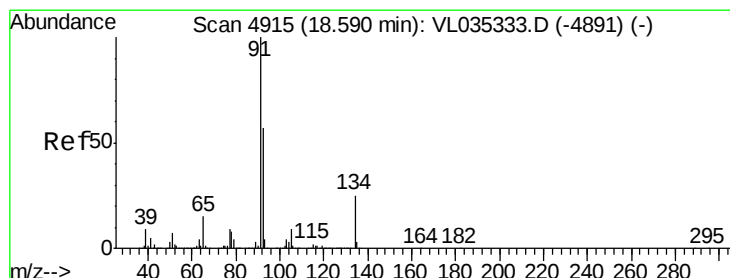
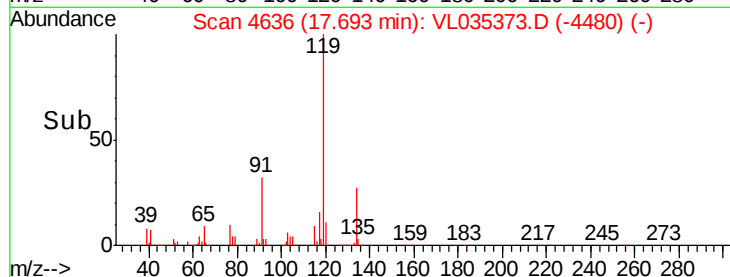
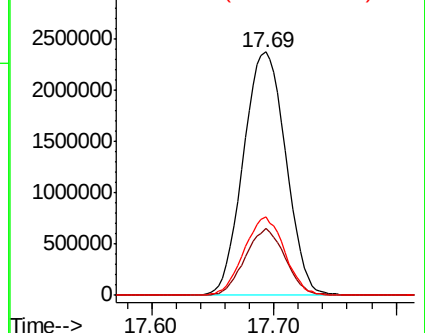
91 31.0 24.5 36.7



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: 10.530 ppbv

RT: 18.59 min Scan# 4916

Delta R.T. 0.00 min

Lab File: VL035373.D

Acq: 10 Aug 2020 14:18

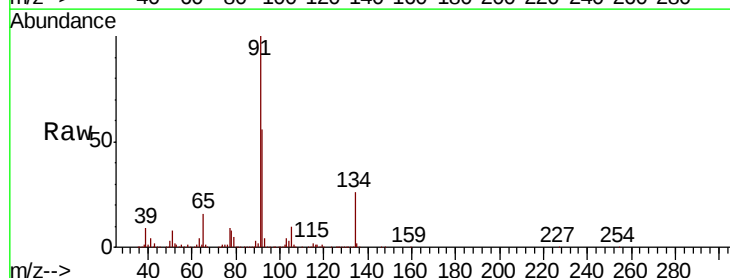
Tgt Ion: 91 Resp: 5892732

Ion Ratio Lower Upper

91 100

92 55.5 44.2 66.2

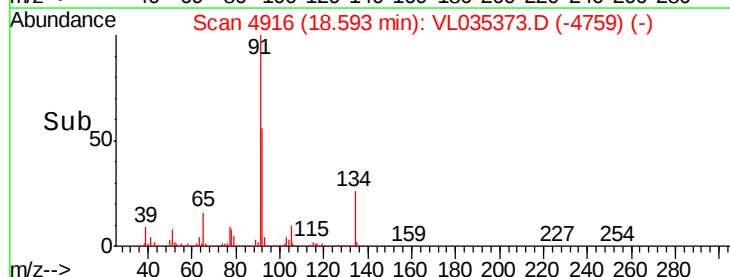
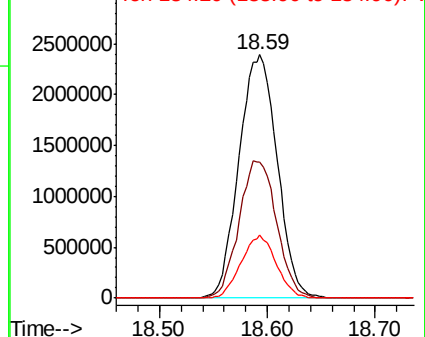
134 23.9 19.0 28.6

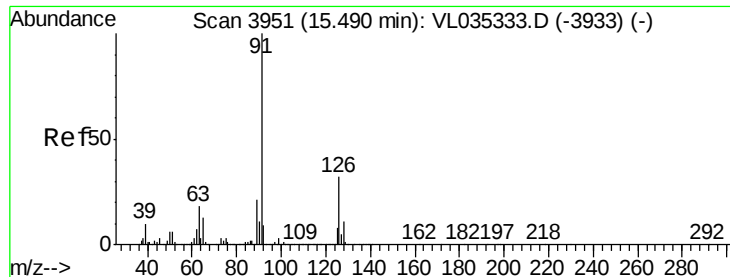


Abundance Ion 91.10 (90.80 to 91.80): V

Ion 92.10 (91.80 to 92.80): V

Ion 134.20 (133.90 to 134.90): V

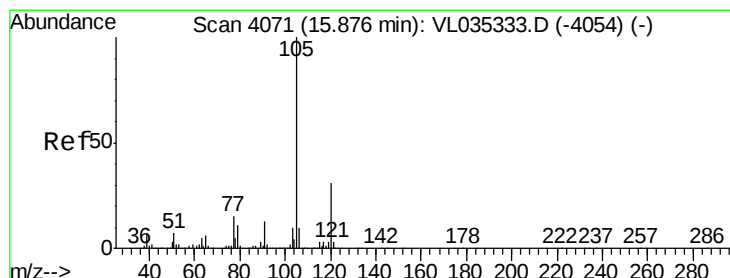
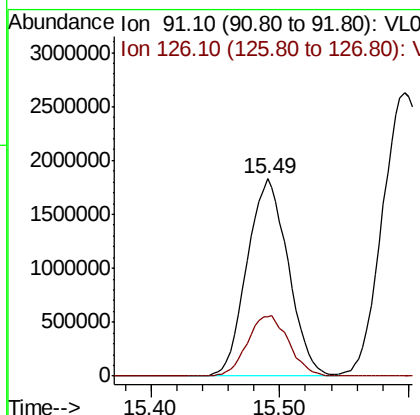
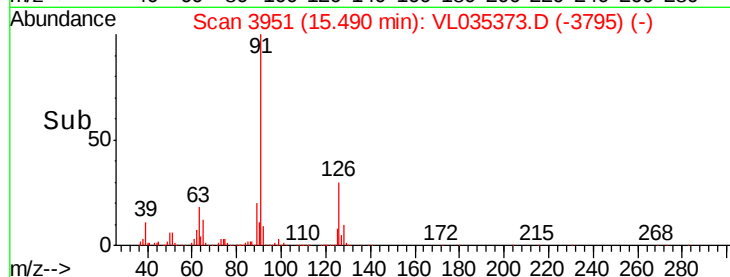
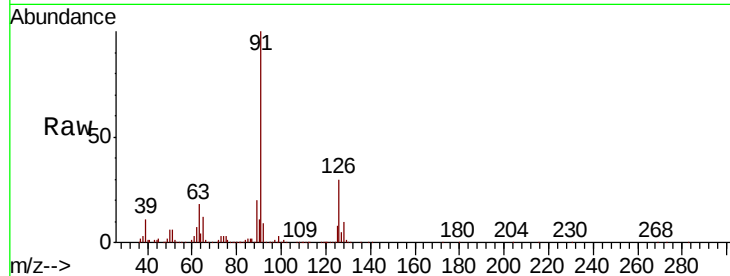




#71
 2-Chlorotoluene
 Concen: 11.236 ppbv
 RT: 15.49 min Scan# 3951
 Delta R.T. 0.00 min
 Lab File: VL035373.D
 Acq: 10 Aug 2020 14:18

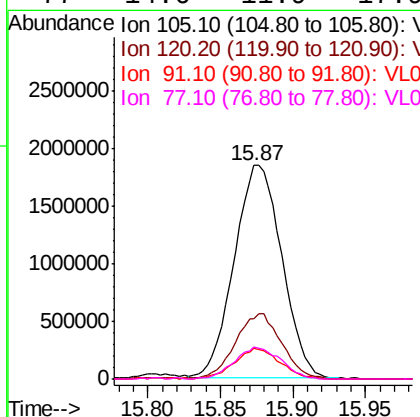
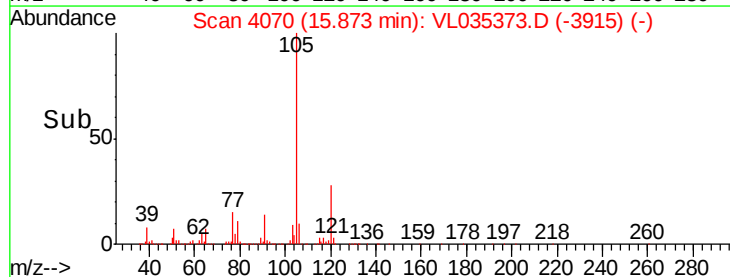
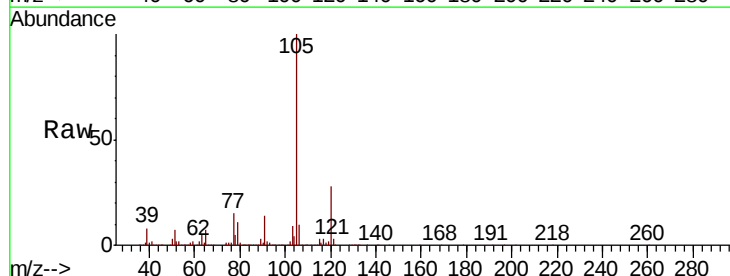
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0810ABS01

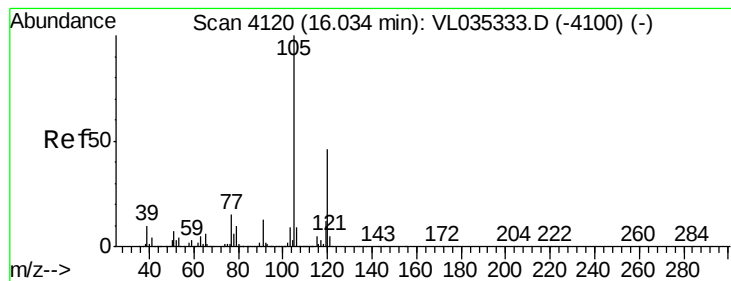
Tot Ion: 91 Resp: 4077622
 Ion Ratio Lower Upper
 91 100
 126 30.7 12.5 50.1



#72
 4-Ethyltoluene
 Concen: 11.250 ppbv
 RT: 15.87 min Scan# 4070
 Delta R.T. -0.00 min
 Lab File: VL035373.D
 Acq: 10 Aug 2020 14:18

Tgt Ion:105 Resp: 4220585
 Ion Ratio Lower Upper
 105 100
 120 30.3 24.0 36.0
 91 14.1 10.8 16.2
 77 14.6 11.9 17.9





#73

1,3,5-Trimethylbenzene

Concen: 11.100 ppbv

RT: 16.03 min Scan# 4120

Delta R.T. 0.00 min

Lab File: VL035373.D

Acq: 10 Aug 2020 14:18

Instrument :

MSVOA_L

ClientSampleId :

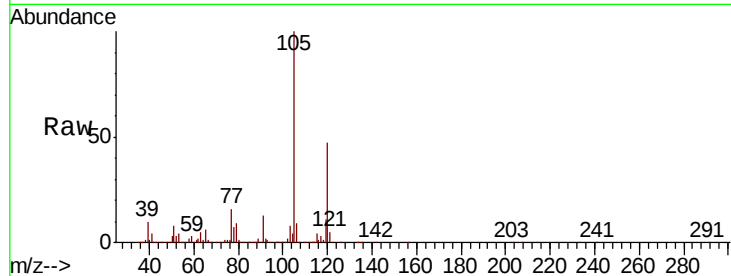
VL0810ABS01

Tot Ion:105 Resp: 3995840

Ion Ratio Lower Upper

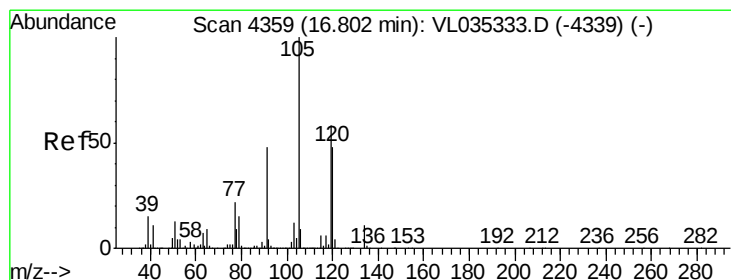
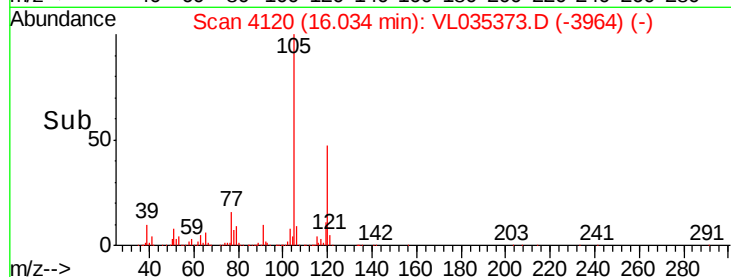
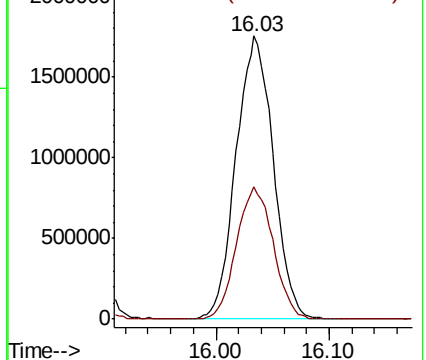
105 100

120 46.7 36.9 55.3



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 10.380 ppbv

RT: 16.80 min Scan# 4359

Delta R.T. 0.00 min

Lab File: VL035373.D

Acq: 10 Aug 2020 14:18

Tgt Ion:105 Resp: 4270692

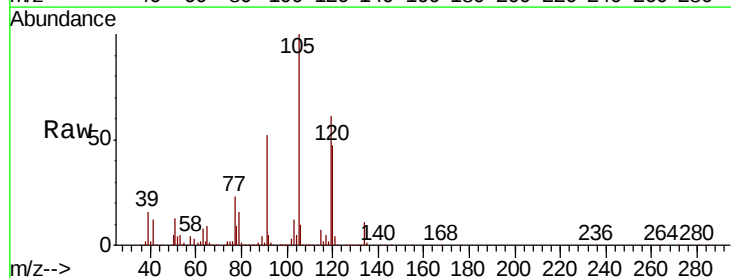
Ion Ratio Lower Upper

105 100

120 47.4 38.5 57.7

91 51.8 39.0 58.6

77 22.4 17.8 26.6

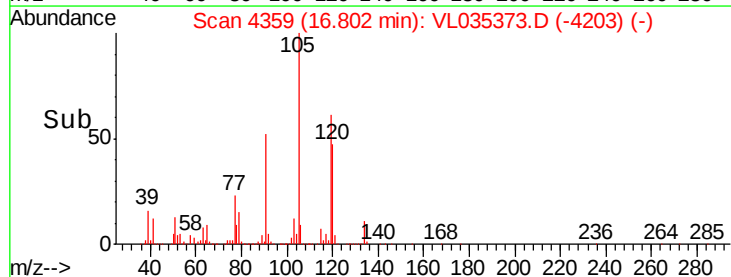
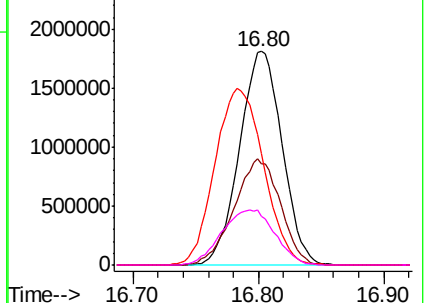


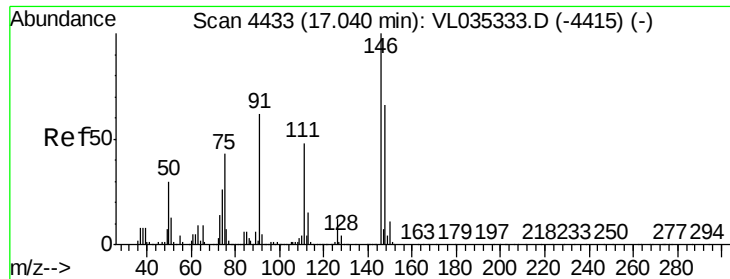
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0





#75

1,3-Dichlorobenzene

Concen: 9.508 ppbv

RT: 17.04 min Scan# 4432

Delta R.T. -0.00 min

Lab File: VL035373.D

Acq: 10 Aug 2020 14:18

Instrument :

MSVOA_L

ClientSampleId :

VL0810ABS01

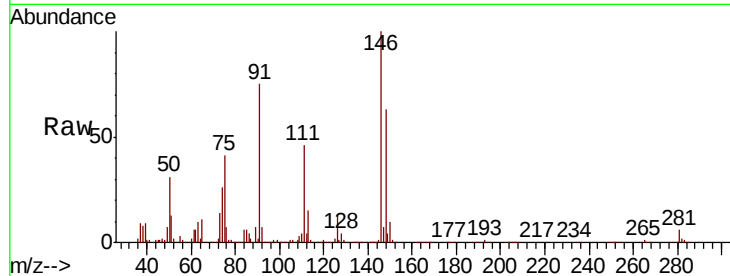
Tot Ion:146 Resp: 2559076

Ion Ratio Lower Upper

146 100

111 48.1 24.2 72.6

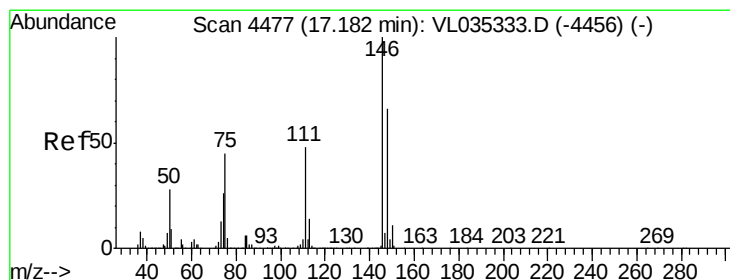
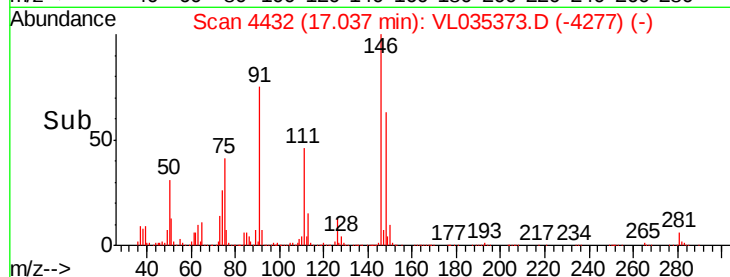
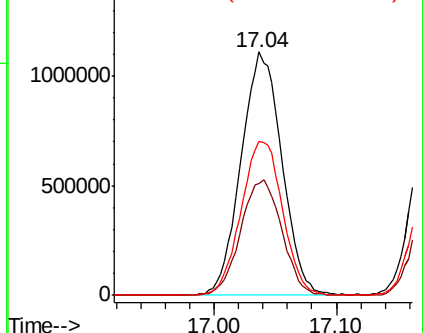
148 64.5 32.6 98.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 10.082 ppbv

RT: 17.18 min Scan# 4477

Delta R.T. 0.00 min

Lab File: VL035373.D

Acq: 10 Aug 2020 14:18

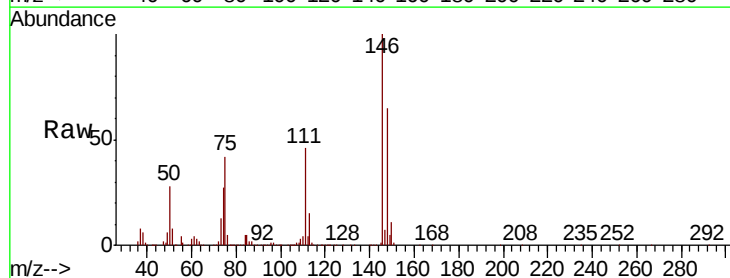
Tgt Ion:146 Resp: 2513027

Ion Ratio Lower Upper

146 100

111 46.8 23.3 69.9

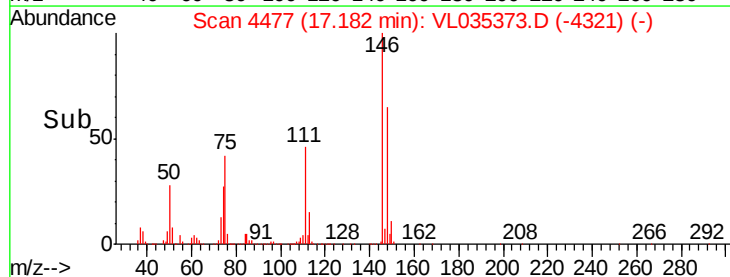
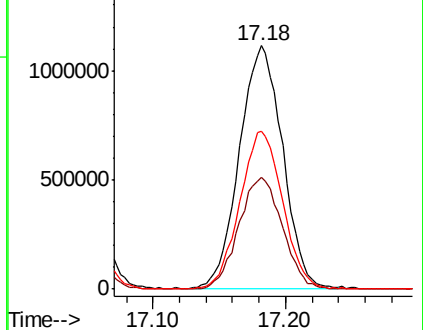
148 64.4 32.1 96.5

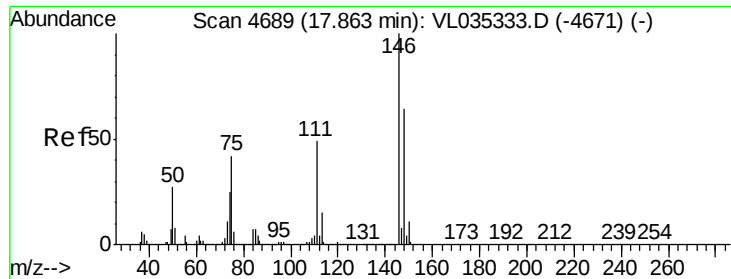


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

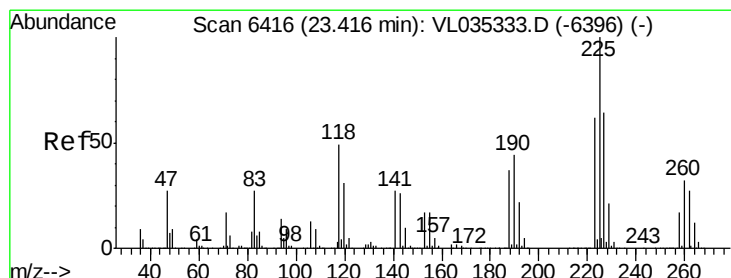
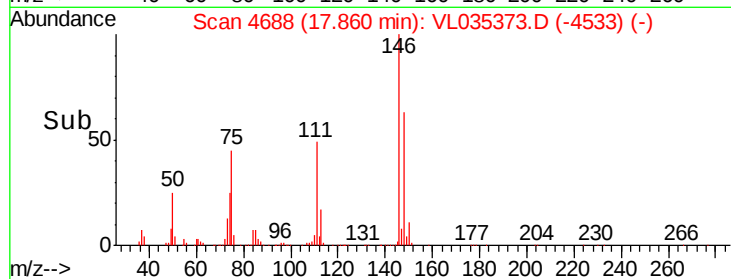
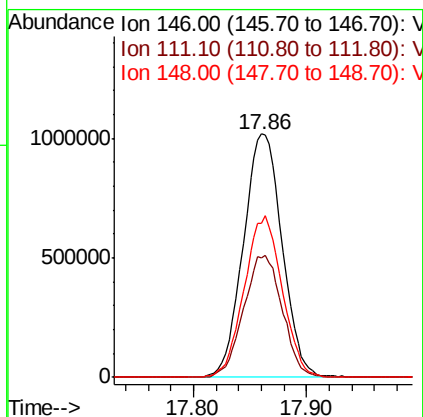
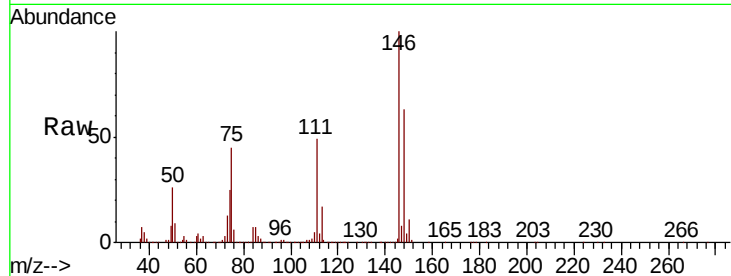




#77
 1,2-Dichlorobenzene
 Concen: 9.794 ppbv
 RT: 17.86 min Scan# 4688
 Delta R.T. -0.00 min
 Lab File: VL035373.D
 Acq: 10 Aug 2020 14:18

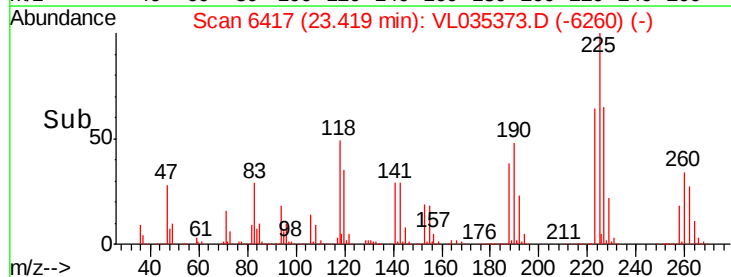
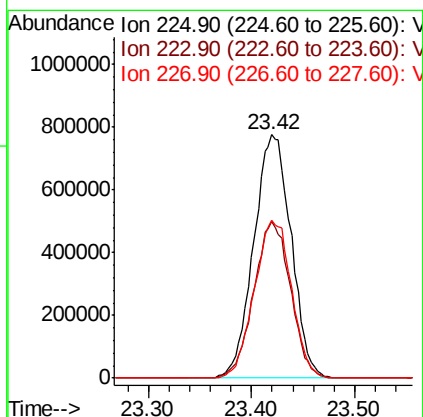
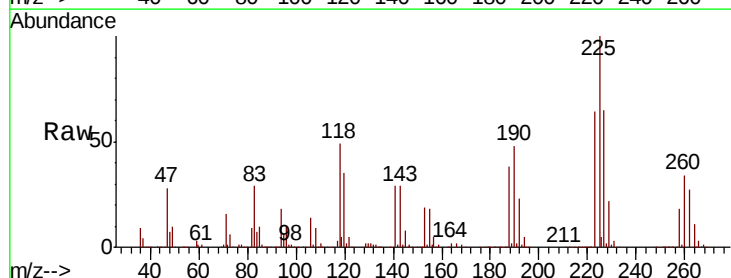
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0810ABS01

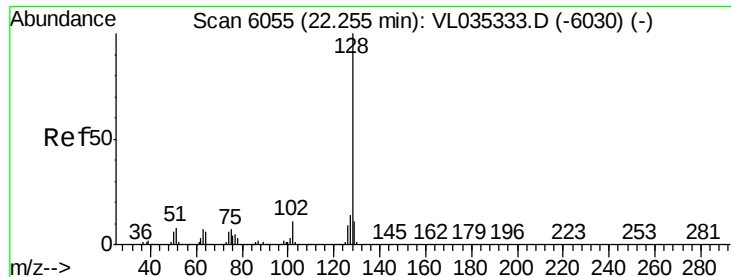
Tot Ion:146 Resp: 2432658
 Ion Ratio Lower Upper
 146 100
 111 50.1 24.9 74.7
 148 65.0 31.9 95.9



#78
 Hexachloro-1,3-Butadiene
 Concen: 9.229 ppbv
 RT: 23.42 min Scan# 6417
 Delta R.T. 0.00 min
 Lab File: VL035373.D
 Acq: 10 Aug 2020 14:18

Tgt Ion:225 Resp: 1950425
 Ion Ratio Lower Upper
 225 100
 223 63.2 50.3 75.5
 227 64.6 52.7 79.1





#79

Naphthalene

Concen: 12.869 ppbv

RT: 22.26 min Scan# 6056

Delta R.T. 0.00 min

Lab File: VL035373.D

Acq: 10 Aug 2020 14:18

Instrument :

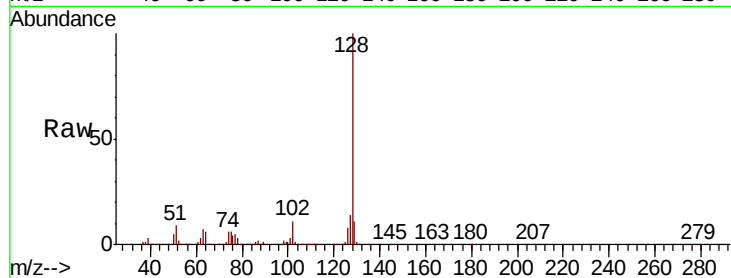
MSVOA_L

ClientSampleId :

VL0810ABS01

Tot Ion:128 Resp: 4072411

Ion	Ratio	Lower	Upper
128	100		
127	13.6	11.1	16.7
129	10.9	8.7	13.1

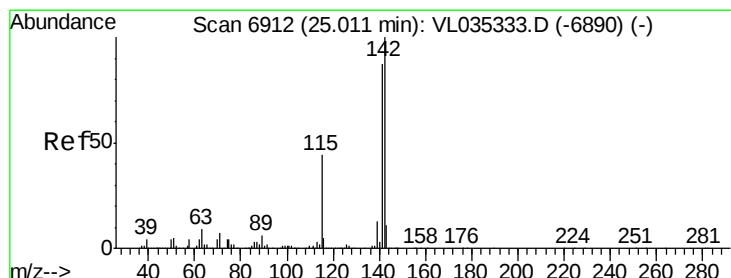
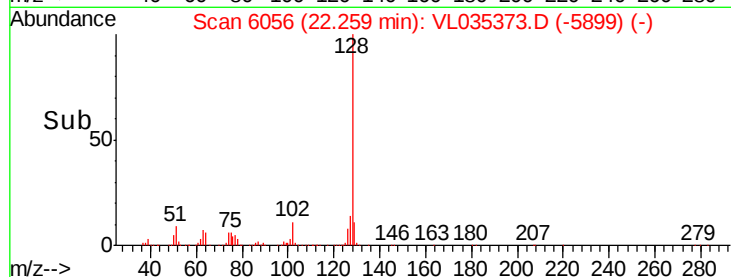
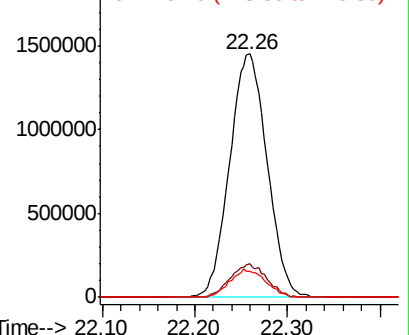


Abundance

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: 19.431 ppbv

RT: 25.01 min Scan# 6912

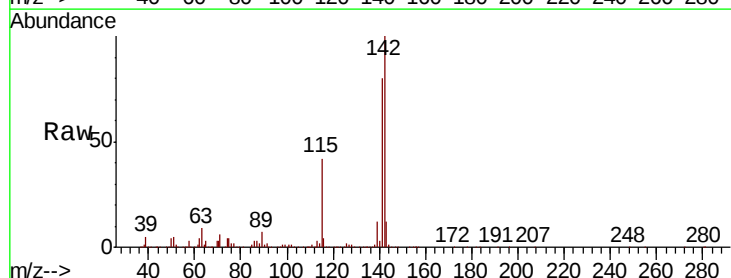
Delta R.T. 0.00 min

Lab File: VL035373.D

Acq: 10 Aug 2020 14:18

Tgt Ion:142 Resp: 1398718

Ion	Ratio	Lower	Upper
142	100		
141	84.1	69.0	103.6
115	43.9	35.5	53.3

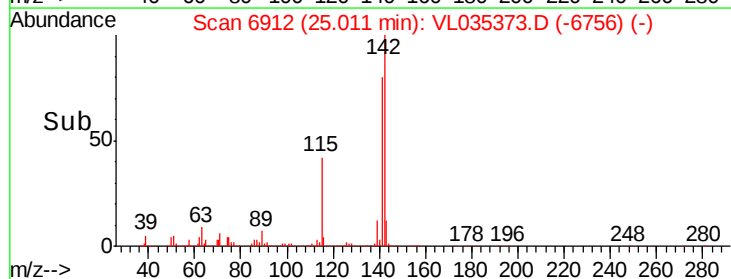
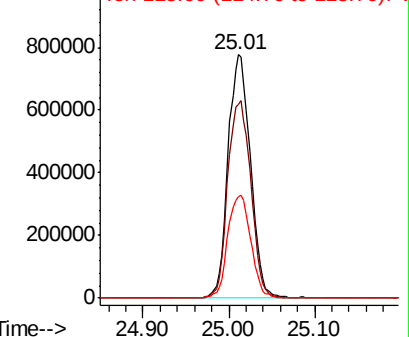


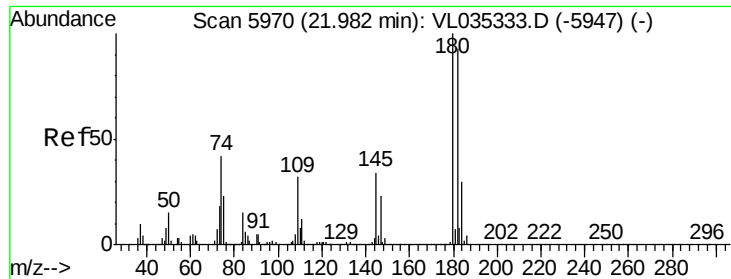
Abundance

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

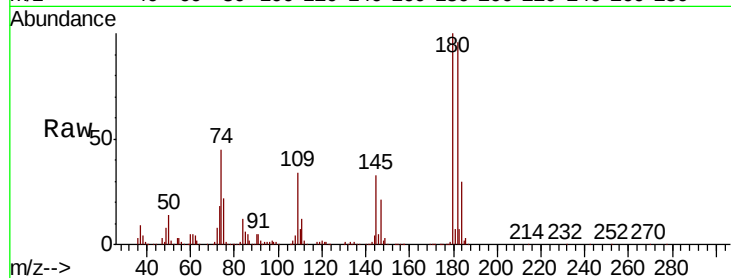




#81
 1,2,4-Trichlorobenzene
 Concen: 11.504 ppbv
 RT: 21.99 min Scan# 5971
 Delta R.T. 0.00 min
 Lab File: VL035373.D
 Acq: 10 Aug 2020 14:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0810ABS01

Tot Ion:180 Resp: 2294157
 Ion Ratio Lower Upper
 180 100
 182 95.3 77.2 115.8
 184 30.9 25.1 37.7



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

