

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042721\
 Data File : VL036843.D
 Acq On : 27 Apr 2021 2:06
 Operator : SY/AP
 Sample : VSTDIC002
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 27 07:22:23 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Apr 27 07:21:25 2021
 QLast Update : Tue Apr 27 07:21:25 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1563461	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3985371	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3738847	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2913277	9.82	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	441842	1.738	ppbv	98
3) Chlorodifluoromethane	2.99	51	609855	2.090	ppbv	99
4) Chloromethane	3.14	50	196186	1.926	ppbv	96
5) Vinyl Chloride	3.26	62	192267	1.840	ppbv	94
6) Bromomethane	3.47	94	107573	1.881	ppbv	97
7) Chloroethane	3.56	64	63788	1.783	ppbv	91
8) Dichlorotetrafluoroethane	3.19	85	464118	1.933	ppbv	97
9) Propene	3.01	41	185565	2.008	ppbv	94
10) Heptane	8.12	43	478939	2.033	ppbv	99
11) Trichlorofluoromethane	3.95	101	449733	1.771	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.48	101	314678	1.932	ppbv	97
13) Ethanol	3.62	45	6390	0.597	ppbv #	1
14) Bromoethene	3.74	108	128499	1.908	ppbv	96
15) Acetone	3.85	43	329534	2.186	ppbv #	76
16) 1,3-Butadiene	3.33	39	185807	1.773	ppbv	92
17) tert-Butyl alcohol	4.31	59	233305	1.767	ppbv	96
18) 1,1-Dichloroethene	4.29	96	135755	1.890	ppbv	99
19) Isopropyl Alcohol	3.98	45	62332	0.758	ppbv #	82
20) Methylene Chloride	4.34	84	159249	2.272	ppbv	86
21) Allyl Chloride	4.41	41	242085	2.031	ppbv	97
22) trans-1,2-Dichloroethene	4.88	96	129450	1.914	ppbv	93
23) Vinyl Acetate	5.07	43	438417	1.727	ppbv #	97
24) 1,1-Dichloroethane	5.01	63	296504	1.640	ppbv	98
25) Ethyl Acetate	5.68	43	798944	2.193	ppbv	98
26) Hexane	5.68	57	384486	2.293	ppbv	96
27) Carbon Disulfide	4.55	76	292991	1.781	ppbv	93
28) Methyl tert-Butyl Ether	5.04	73	331880	1.751	ppbv	99
29) Chloroform	5.75	83	564014	2.081	ppbv	98
30) Cyclohexane	7.12	84	288793	2.113	ppbv	87
31) cis-1,2-Dichloroethene	5.55	61	331101	2.049	ppbv	97
32) 1,1,1-Trichloroethane	6.51	97	559779	2.052	ppbv	99
34) 2-Butanone	5.25	43	346441	1.816	ppbv	93
35) Carbon Tetrachloride	7.01	117	568915	1.868	ppbv	98
36) Benzene	6.88	78	722383	1.987	ppbv	99
37) 1,2-Dichloroethane	6.30	62	411707	1.931	ppbv	100
38) Trichloroethene	7.83	130	263921	1.852	ppbv	96
39) 1,2-Dichloropropane	7.61	63	282354	1.923	ppbv	95
40) 1,4-Dioxane	7.85	88	58700	1.696	ppbv #	43
41) Tetrahydrofuran	6.06	42	165296	1.894	ppbv	98
42) Bromodichloromethane	7.78	83	576502	1.990	ppbv	97
43) Methyl Methacrylate	8.01	69	239058	1.973	ppbv	98

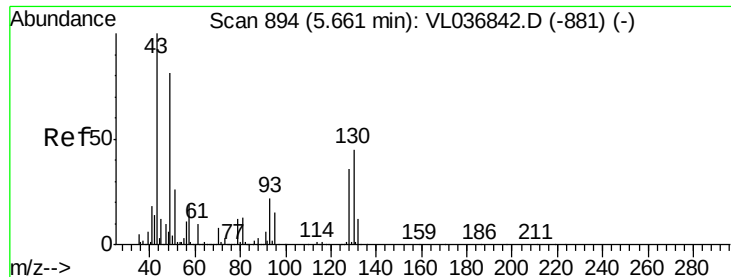
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042721\
 Data File : VL036843.D
 Acq On : 27 Apr 2021 2:06
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Quant Time: Apr 27 07:22:23 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Apr 27 07:21:25 2021
 QLast Update : Tue Apr 27 07:21:25 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	1289700	2.011	ppbv	100
45) t-1,3-Dichloropropene	9.27	75	248018	1.796	ppbv	97
46) cis-1,3-Dichloropropene	8.70	75	324409	1.841	ppbv	98
47) 1,1,2-Trichloroethane	9.47	97	299999	2.002	ppbv	94
48) Dibromochloromethane	10.30	129	451924	1.989	ppbv	100
49) Bromoform	13.03	173	352865	1.924	ppbv	97
50) 4-Methyl-2-Pentanone	8.75	43	521783	1.894	ppbv	99
51) 2-Hexanone	10.15	43	227294	1.645	ppbv #	96
52) Tetrachloroethene	11.22	164	251379	1.870	ppbv	95
53) Toluene	9.80	91	783260	2.027	ppbv	98
54) 1,2-Dibromoethane	10.60	107	417574	1.980	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.12	131	335306	2.018	ppbv #	1
57) Chlorobenzene	12.14	112	631745	2.012	ppbv	97
58) Ethyl Benzene	12.70	91	1061231	1.989	ppbv	93
59) m/p-Xylene	12.99	91	785010	1.683	ppbv #	8
60) o-Xylene	13.69	91	900208	1.995	ppbv	99
61) Styrene	13.53	104	436197	1.939	ppbv	99
62) Isopropylbenzene	14.66	105	1237455	2.038	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.67	83	690543	1.987	ppbv	99
64) n-propylbenzene	15.56	120	309804	2.080	ppbv	83
65) tert-Butylbenzene	16.74	119	1140158	2.152	ppbv	98
66) Benzyl Chloride	17.00	91	24089	0.425	ppbv #	54
67) sec-Butylbenzene	17.29	105	1592543	2.130	ppbv	98
69) p-Isopropyltoluene	17.65	119	1284147	2.194	ppbv	99
70) n-Butylbenzene	18.55	91	1319031	2.175	ppbv	97
71) 2-Chlorotoluene	15.45	91	924841	2.030	ppbv	99
72) 4-Ethyltoluene	15.83	105	1010352	2.033	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	966771	2.085	ppbv	99
74) 1,2,4-Trimethylbenzene	16.76	105	1066150	2.141	ppbv	95
75) 1,3-Dichlorobenzene	16.99	146	580231	2.067	ppbv	98
76) 1,4-Dichlorobenzene	17.14	146	540499	1.942	ppbv	95
77) 1,2-Dichlorobenzene	17.82	146	563444	2.129	ppbv	96
78) Hexachloro-1,3-Butadiene	23.37	225	495405	2.090	ppbv	98
79) Naphthalene	22.20	128	264771	0.925	ppbv	98
80) Naphthalene, 2-methyl-	25.00	142	34088	0.707	ppbv #	74
81) 1,2,4-Trichlorobenzene	21.92	180	167158	0.942	ppbv #	10

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 2:00

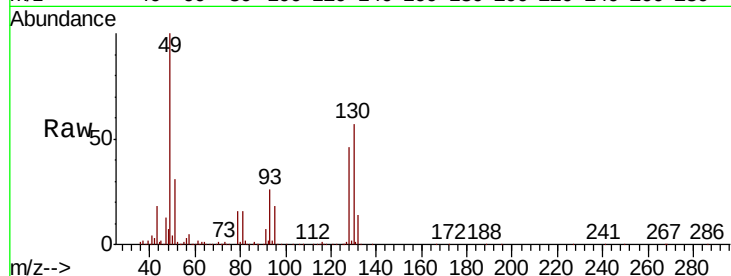
Tot Ion: 49 Resp: 1563461

Ion Ratio Lower Upper

49 100

128 47.8 24.4 73.2

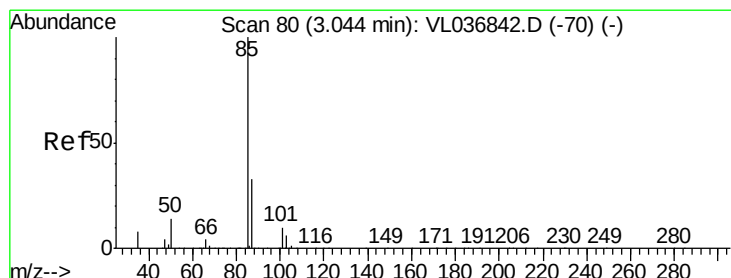
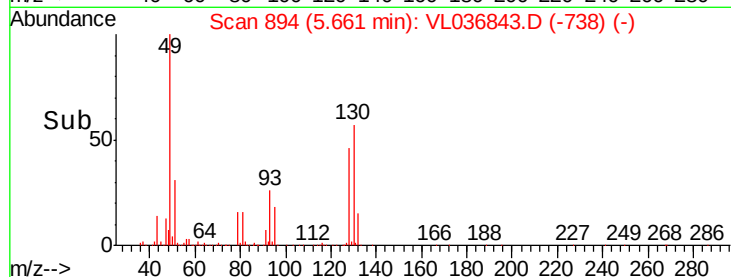
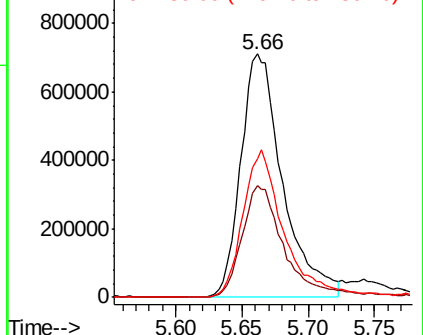
130 61.4 30.1 90.5



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: 1.738 ppbv

RT: 3.04 min Scan# 80

Delta R.T. 0.00 min

Lab File: VL036843.D

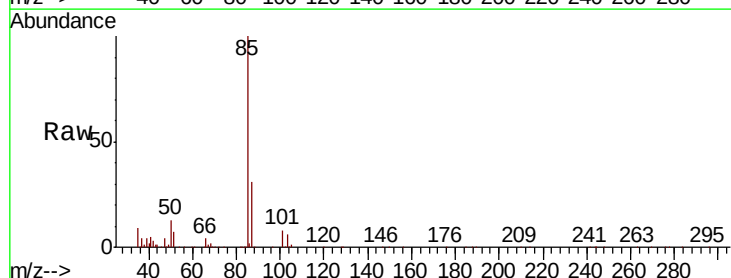
Acq: 27 Apr 2021 2:06

Tgt Ion: 85 Resp: 441842

Ion Ratio Lower Upper

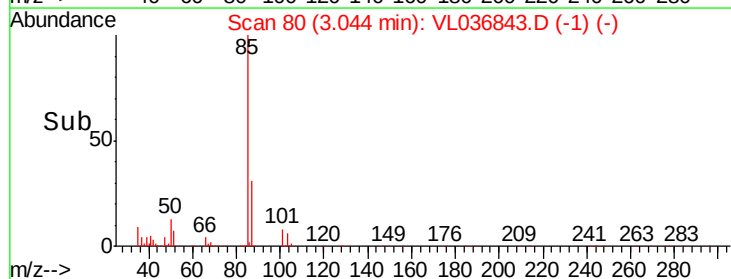
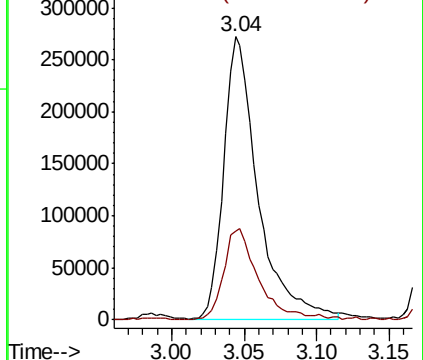
85 100

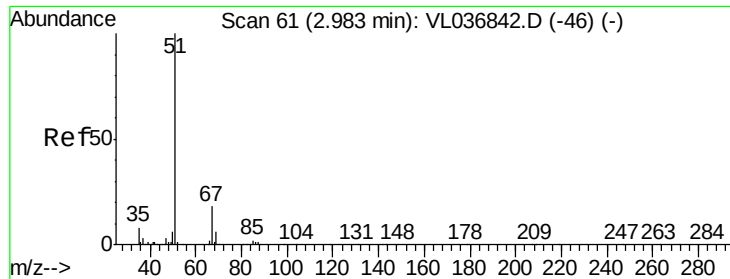
87 31.4 26.2 39.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 2.090 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA.L

Lab File: ClientSampleId:

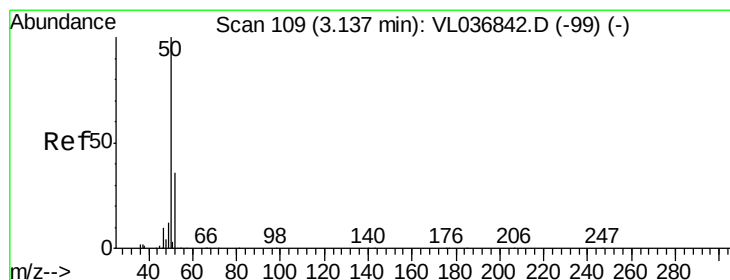
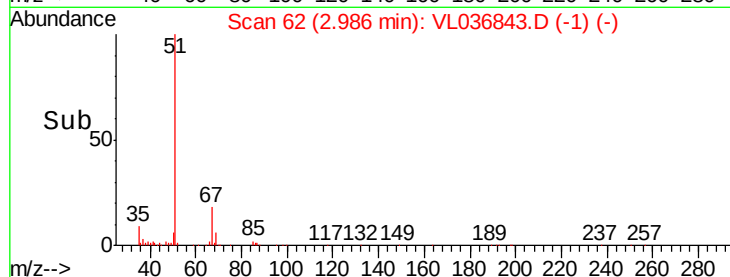
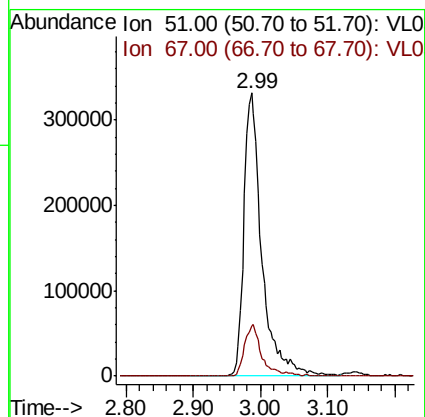
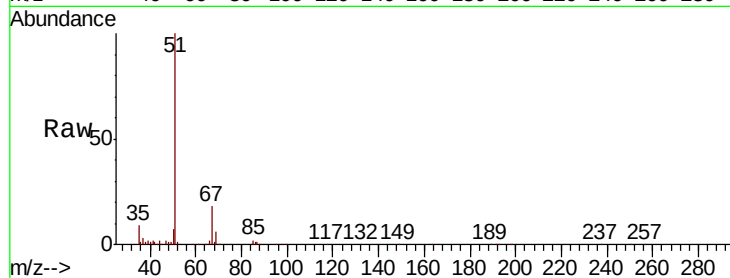
Acq: 27 Apr 2021 2:00

Tot Ion: 51 Resp: 609855

Ion Ratio Lower Upper

51 100

67 17.9 14.8 22.2



#4

Chloromethane

Concen: 1.926 ppbv

RT: 3.14 min Scan# 109

Delta R.T. 0.00 min

Lab File: VL036843.D

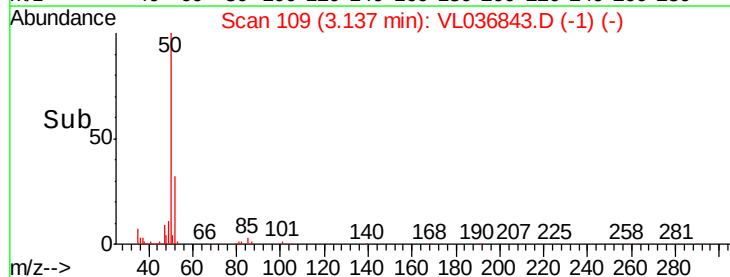
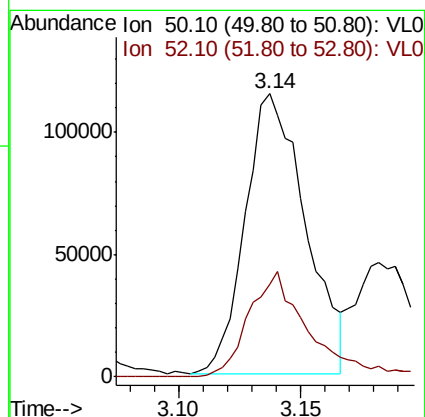
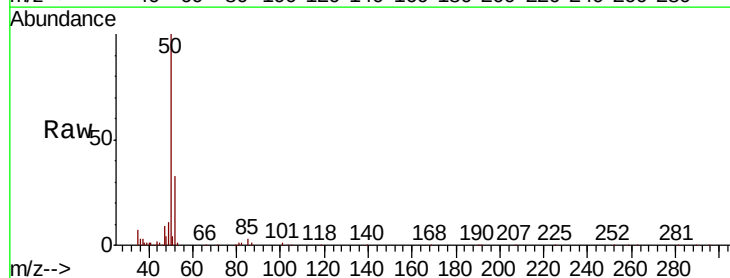
Acq: 27 Apr 2021 2:06

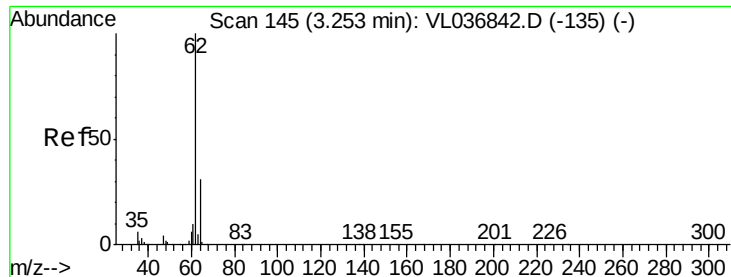
Tgt Ion: 50 Resp: 196186

Ion Ratio Lower Upper

50 100

52 33.1 28.5 42.7





#5

Vinyl Chloride

Concen: 1.840 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

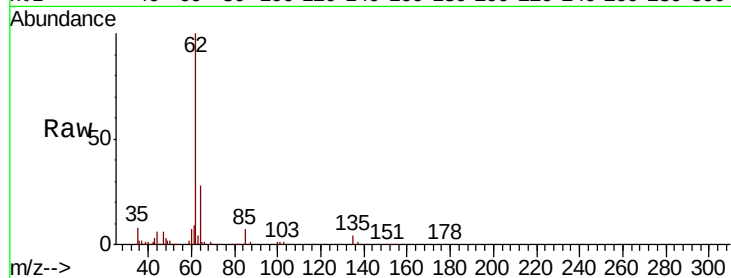
Acq: 27 Apr 2021 2:00

Tot Ion: 62 Resp: 192267

Ion Ratio Lower Upper

62 100

64 27.9 25.0 37.4



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0

120000

100000

80000

60000

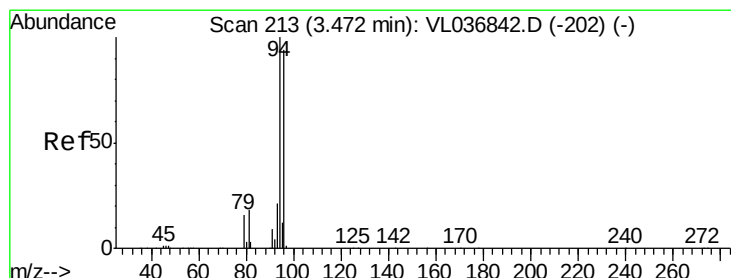
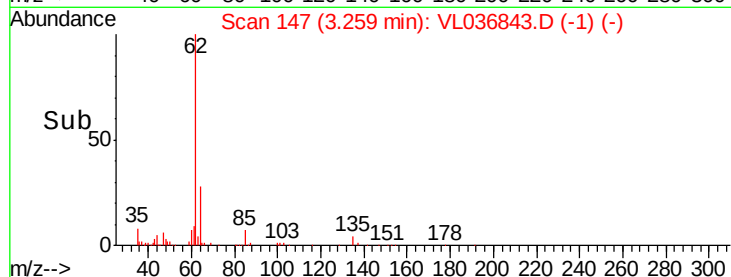
40000

20000

0

3.20 3.25 3.30 3.35

Time-->



#6

Bromomethane

Concen: 1.881 ppbv

RT: 3.47 min Scan# 213

Delta R.T. 0.00 min

Lab File: VL036843.D

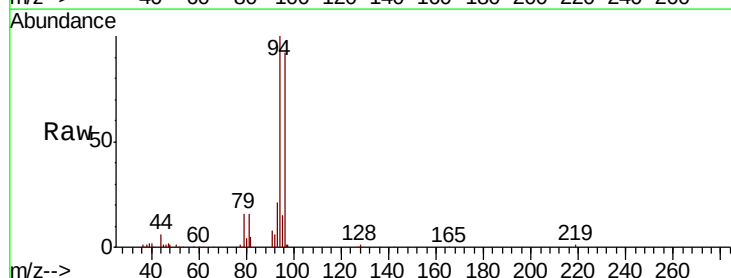
Acq: 27 Apr 2021 2:06

Tgt Ion: 94 Resp: 107573

Ion Ratio Lower Upper

94 100

96 91.6 75.4 113.0



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

60000

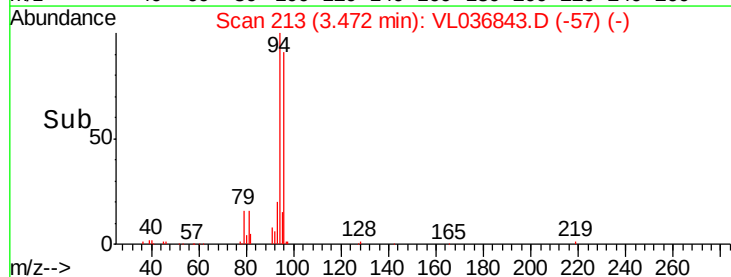
40000

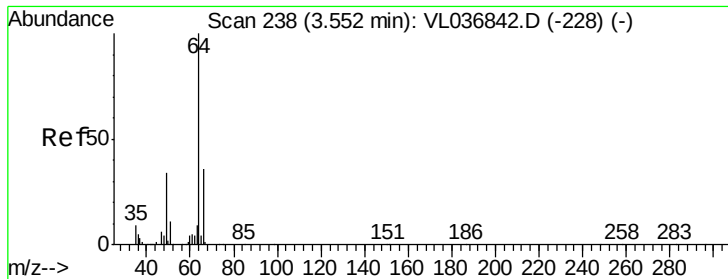
20000

0

3.40 3.45 3.50 3.55

Time-->





#7

Chloroethane

Concen: 1.783 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

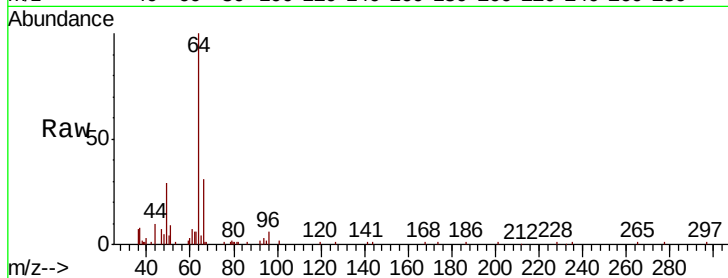
Acq: 27 Apr 2021 2:00

Tot Ion: 64 Resp: 63788

Ion Ratio Lower Upper

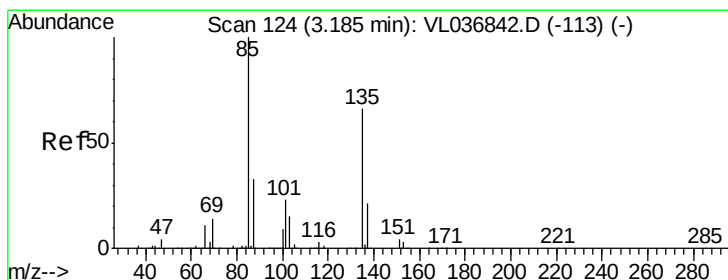
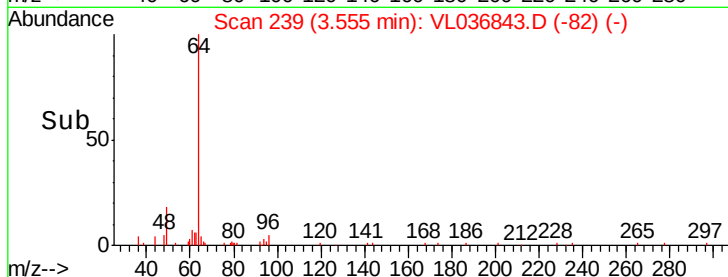
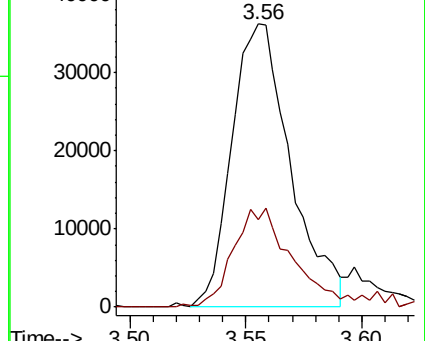
64 100

66 30.9 29.0 43.6



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 1.933 ppbv

RT: 3.19 min Scan# 124

Delta R.T. 0.00 min

Lab File: VL036843.D

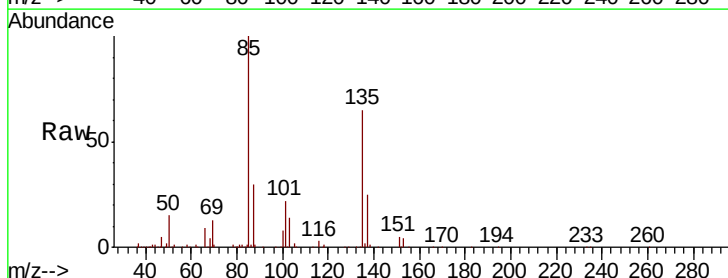
Acq: 27 Apr 2021 2:06

Tgt Ion: 85 Resp: 464118

Ion Ratio Lower Upper

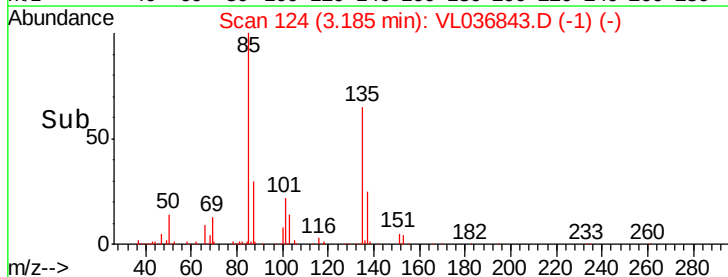
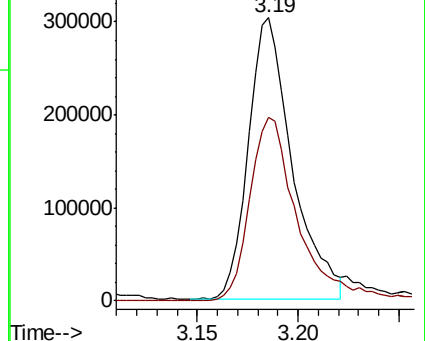
85 100

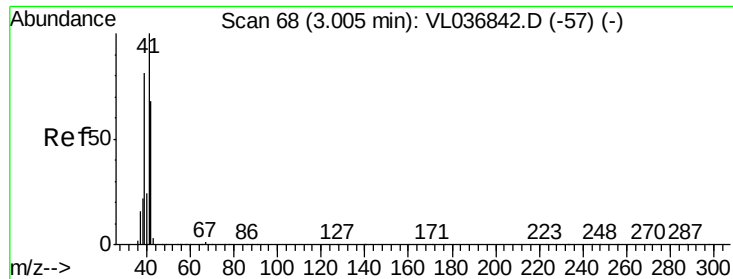
135 72.8 56.2 84.4



Abundance Ion 85.00 (84.70 to 85.70): VL0

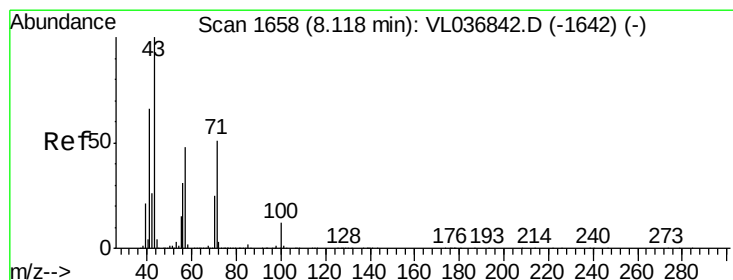
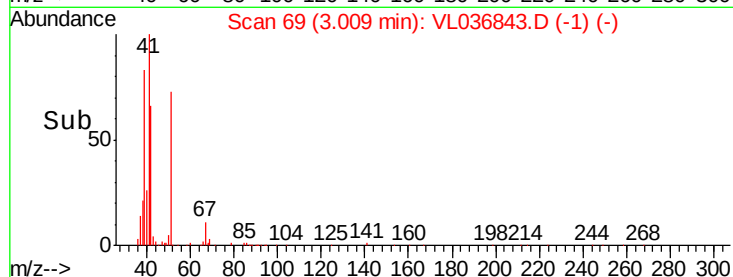
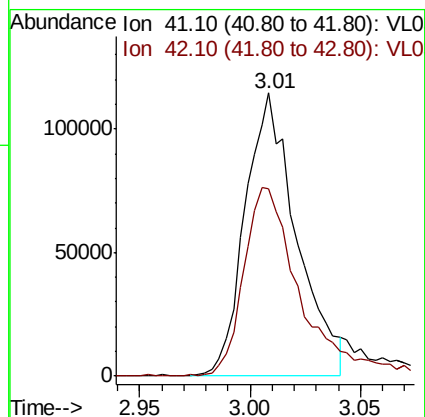
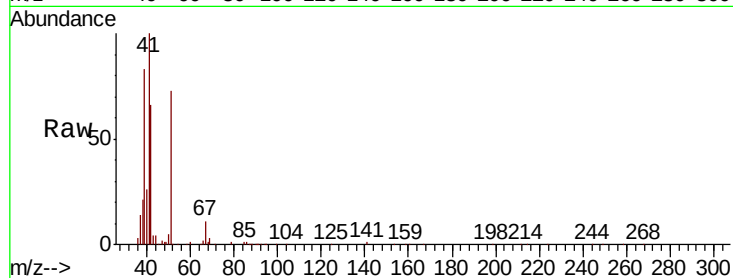
Ion 135.00 (134.70 to 135.70): V





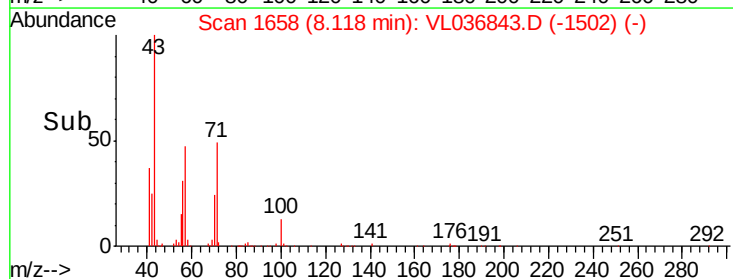
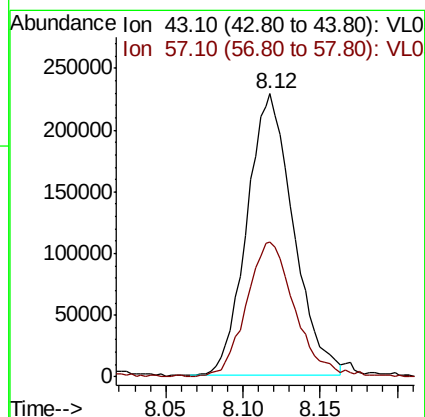
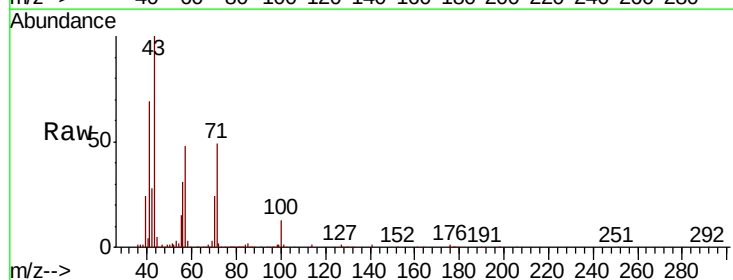
#9
 Propene
 Concen: 2.008 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 2:00

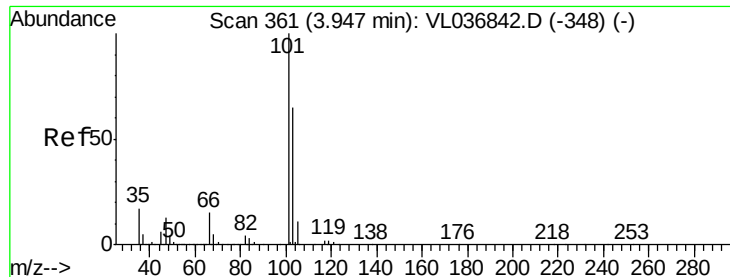
Tot Ion: 41 Resp: 185565
 Ion Ratio Lower Upper
 41 100
 42 75.3 56.0 84.0



#10
 Heptane
 Concen: 2.033 ppbv
 RT: 8.12 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VL036843.D
 Acq: 27 Apr 2021 2:06

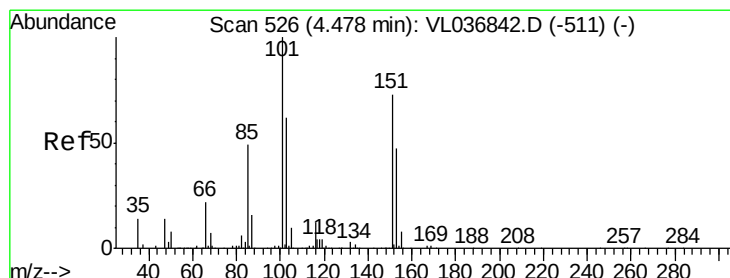
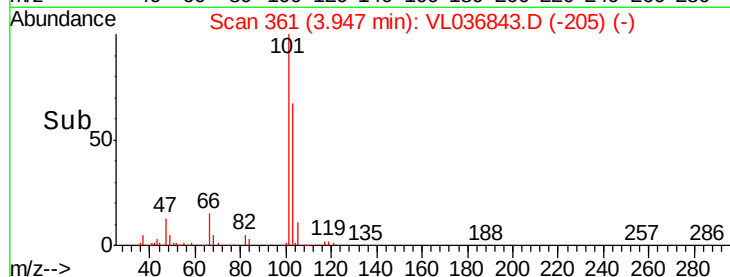
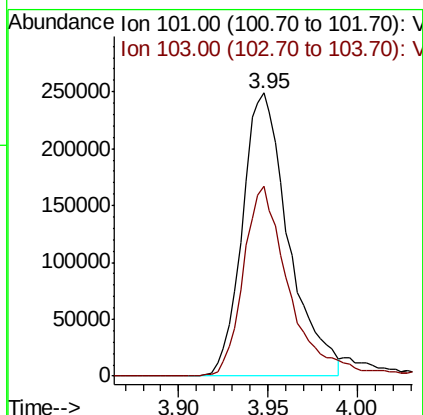
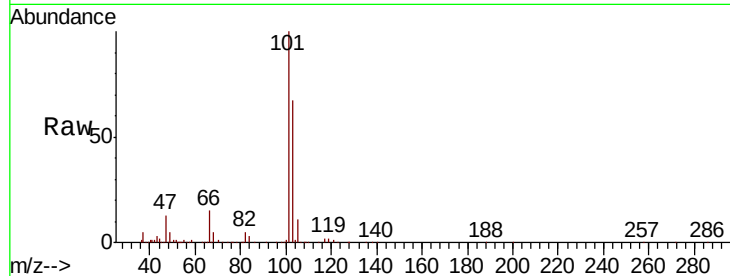
Tgt Ion: 43 Resp: 478939
 Ion Ratio Lower Upper
 43 100
 57 49.4 39.0 58.6





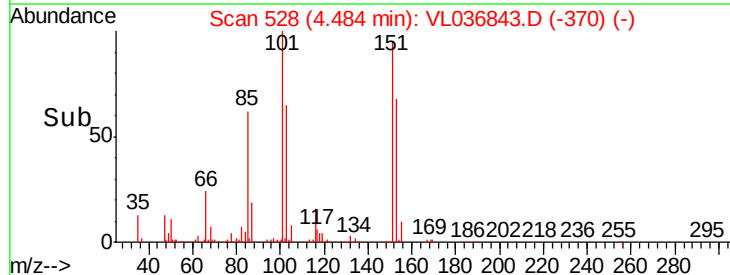
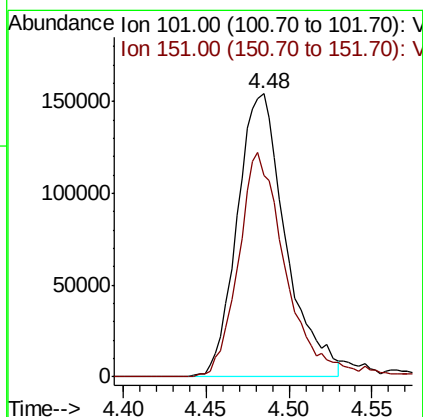
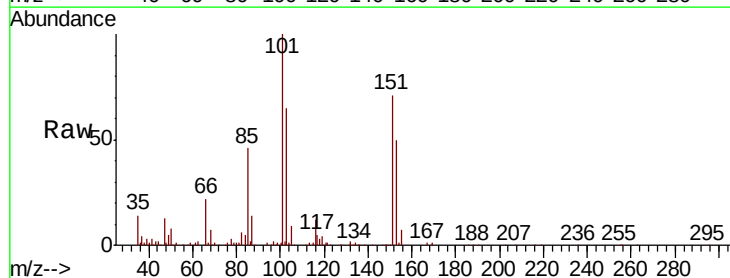
#11
 Trichlorofluoromethane
 Concen: 1.771 ppbv
 RT: 3.95 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 2:00

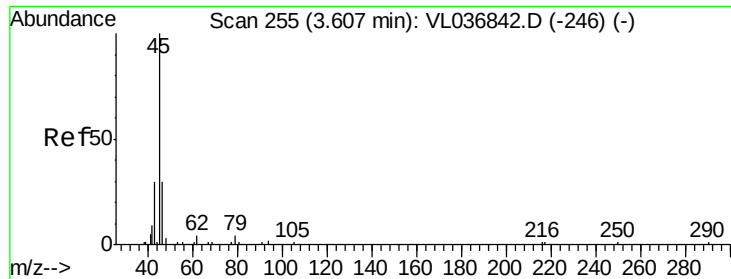
Tot Ion:101 Resp: 449733
 Ion Ratio Lower Upper
 101 100
 103 67.2 51.6 77.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.932 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: VL036843.D
 Acq: 27 Apr 2021 2:06

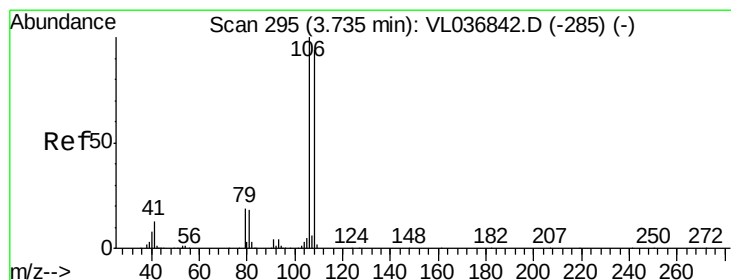
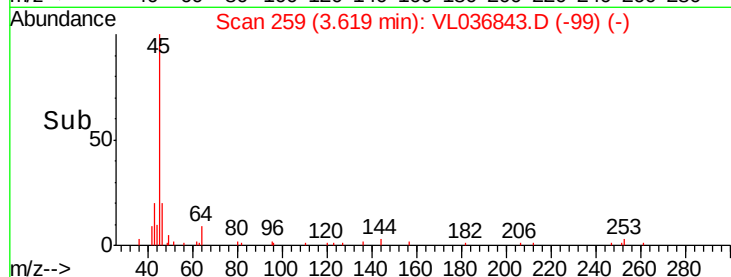
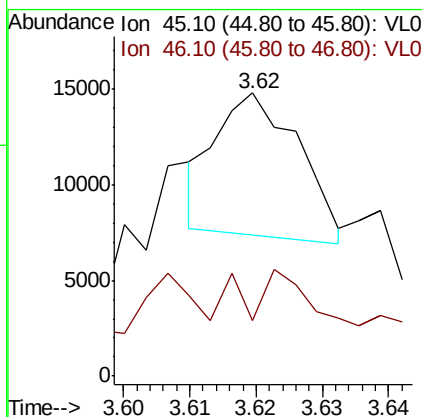
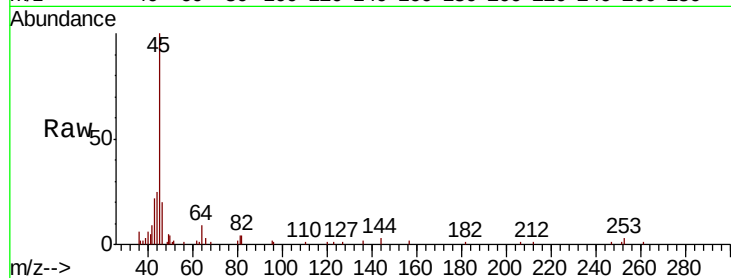
Tgt Ion:101 Resp: 314678
 Ion Ratio Lower Upper
 101 100
 151 78.9 61.1 91.7





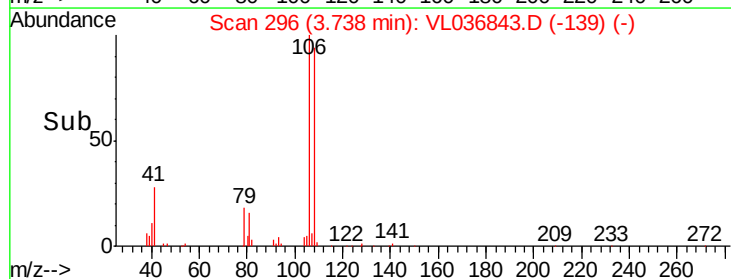
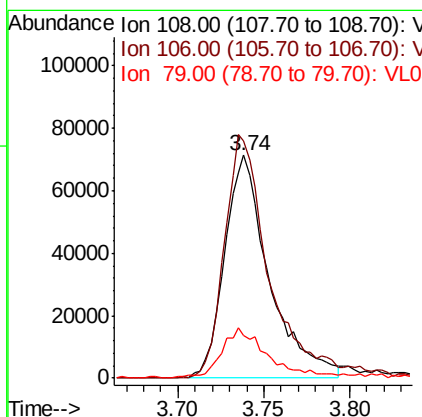
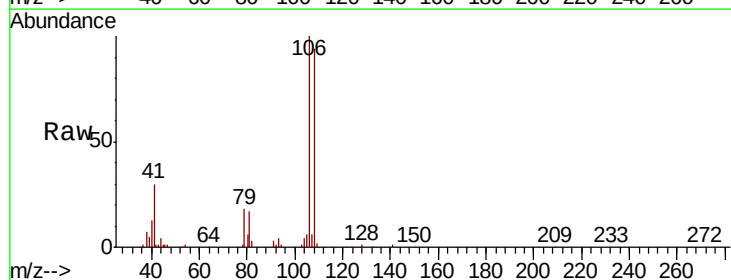
#13
 Ethanol
 Concen: 0.597 ppbv
 RT: 3.62
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 2:00

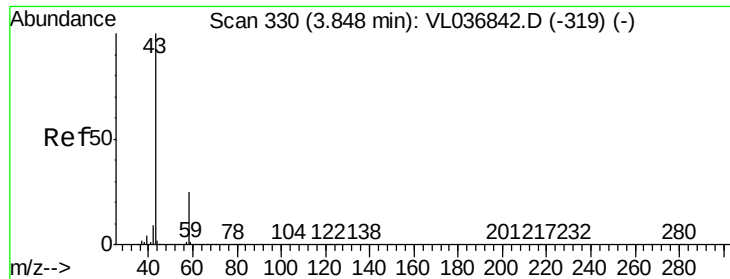
Tot Ion: 45 Resp: 6390
 Ion Ratio Lower Upper
 45 100
 46 252.3 16.4 65.8#



#14
 Bromoethene
 Concen: 1.908 ppbv
 RT: 3.74 min Scan# 296
 Delta R.T. 0.00 min
 Lab File: VL036843.D
 Acq: 27 Apr 2021 2:00

Tgt Ion: 108 Resp: 128499
 Ion Ratio Lower Upper
 108 100
 106 113.5 88.5 132.7
 79 26.3 17.9 26.9





#15

Acetone

Concen: 2.186 ppbv

RT: 3.85 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

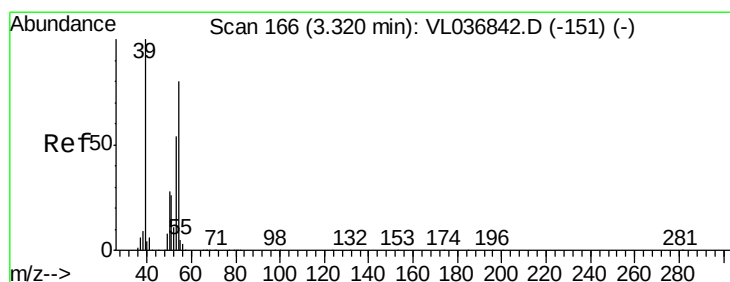
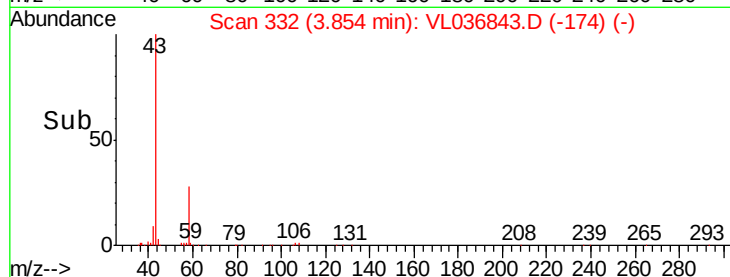
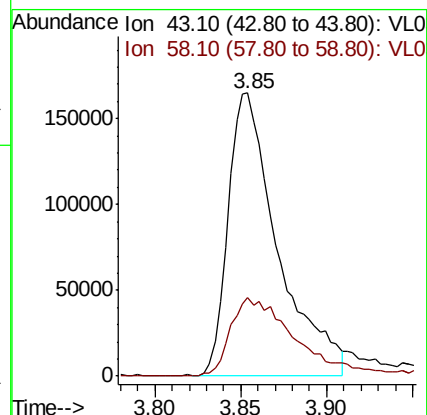
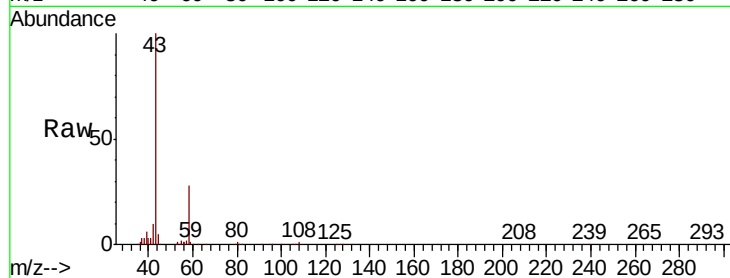
Acq: 27 Apr 2021 2:00

Tot Ion: 43 Resp: 329534

Ion Ratio Lower Upper

43 100

58 39.6 21.7 32.5#



#16

1,3-Butadiene

Concen: 1.773 ppbv

RT: 3.33 min Scan# 168

Delta R.T. 0.01 min

Lab File: VL036843.D

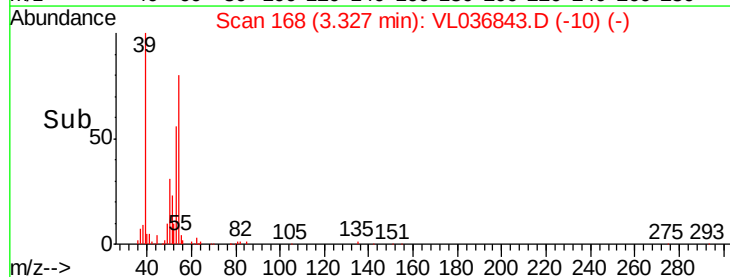
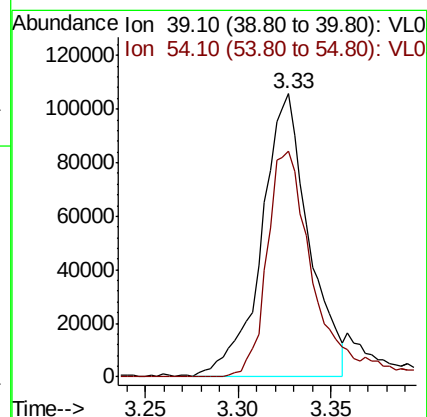
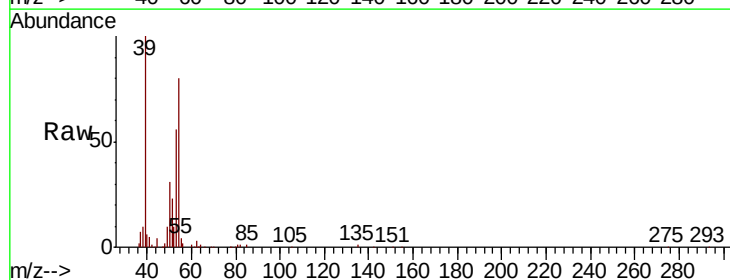
Acq: 27 Apr 2021 2:06

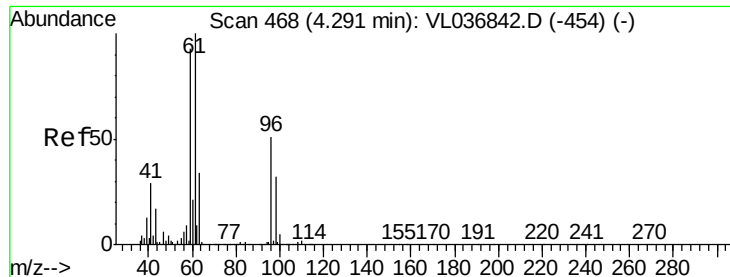
Tgt Ion: 39 Resp: 185807

Ion Ratio Lower Upper

39 100

54 81.3 59.6 89.4





#17

tert-Butyl alcohol

Concen: 1.767 ppbv

RT: 4.31 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

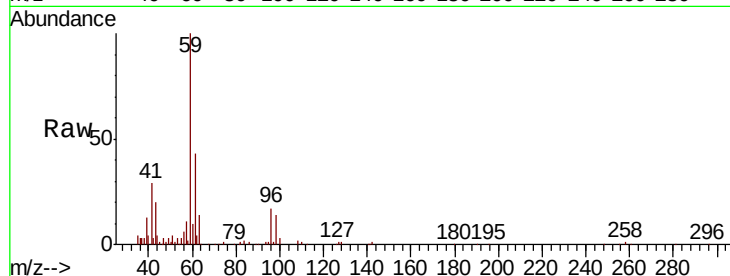
Acq: 27 Apr 2021 2:00

Tot Ion: 59 Resp: 233305

Ion Ratio Lower Upper

59 100

57 12.0 8.3 12.5



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

4.31

100000

80000

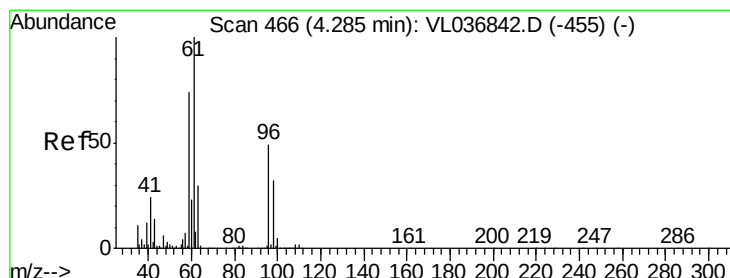
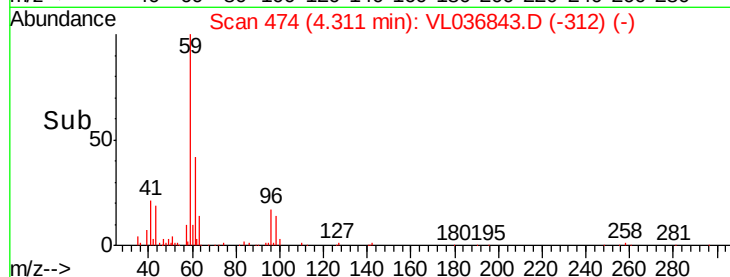
60000

40000

20000

0

Time-->



#18

1,1-Dichloroethene

Concen: 1.890 ppbv

RT: 4.29 min Scan# 467

Delta R.T. 0.00 min

Lab File: VL036843.D

Acq: 27 Apr 2021 2:00

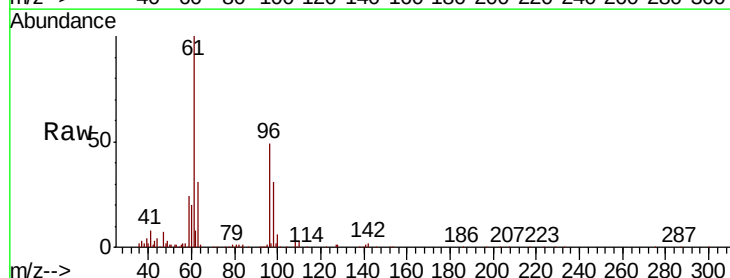
Tgt Ion: 96 Resp: 135755

Ion Ratio Lower Upper

96 100

61 204.0 162.2 243.2

98 64.0 51.8 77.6



Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

200000

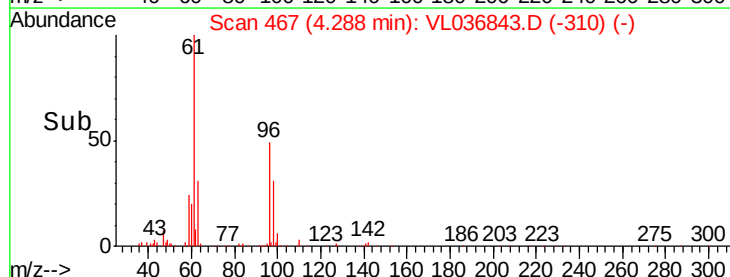
150000

100000

50000

0

Time-->



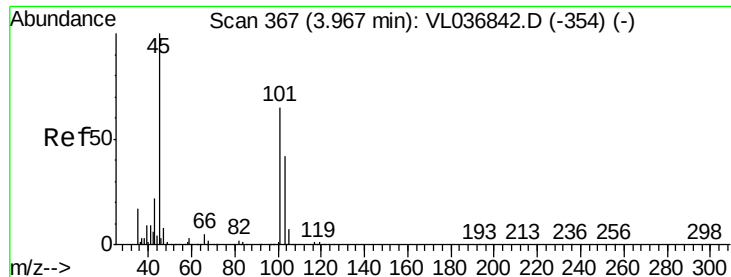
4.29

150000

100000

50000

0



#19

Isopropyl Alcohol

Concen: 0.758 ppbv

RT: 3.98 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

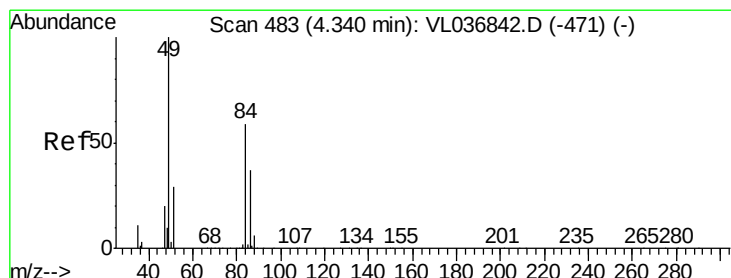
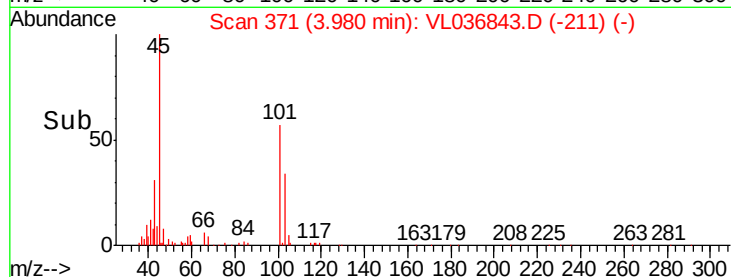
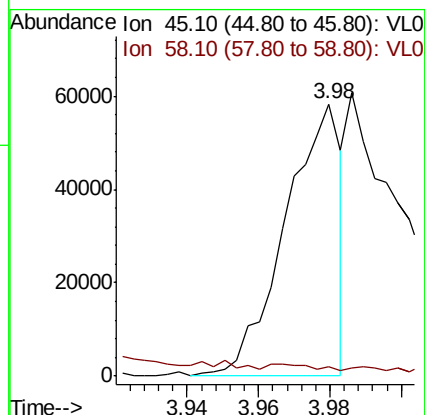
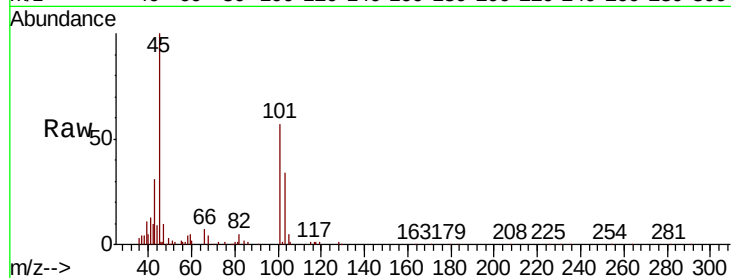
Acq: 27 Apr 2021 2:00

Tot Ion: 45 Resp: 62332

Ion Ratio Lower Upper

45 100

58 9.4 2.6 4.0#



#20

Methylene Chloride

Concen: 2.272 ppbv

RT: 4.34 min Scan# 482

Delta R.T. -0.00 min

Lab File: VL036843.D

Acq: 27 Apr 2021 2:06

Tgt Ion: 84 Resp: 159249

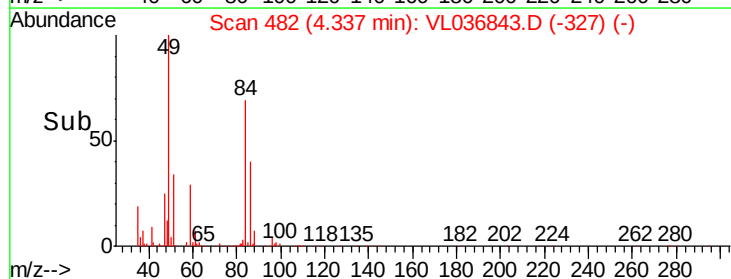
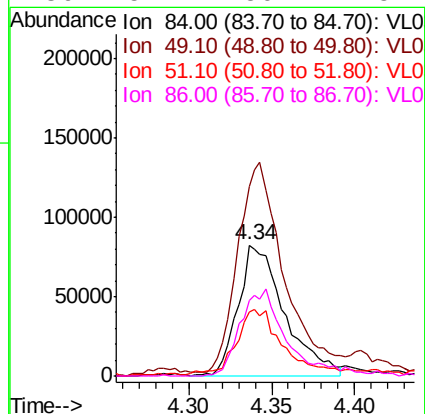
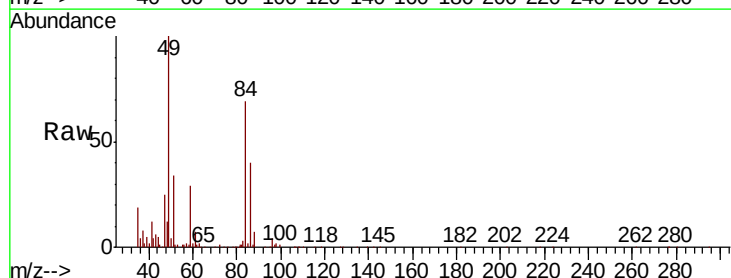
Ion Ratio Lower Upper

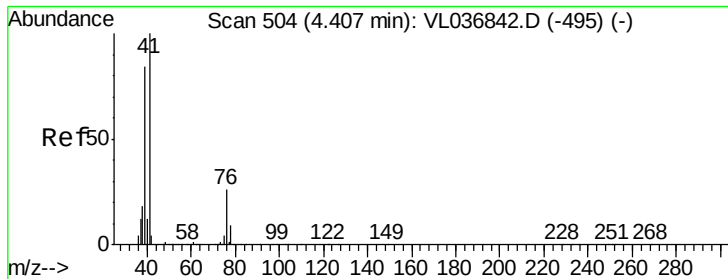
84 100

49 142.5 135.4 203.0

51 46.7 39.3 58.9

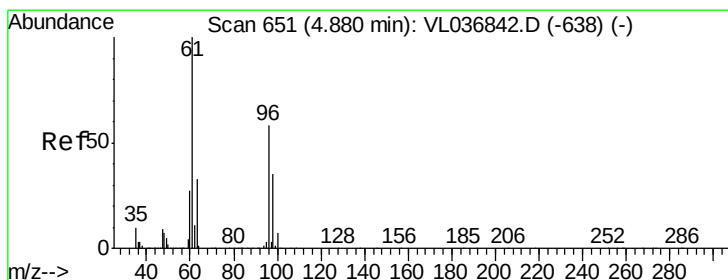
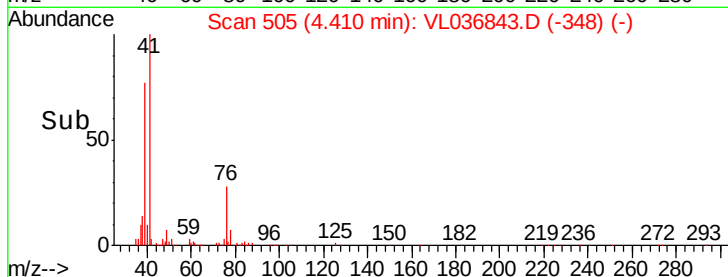
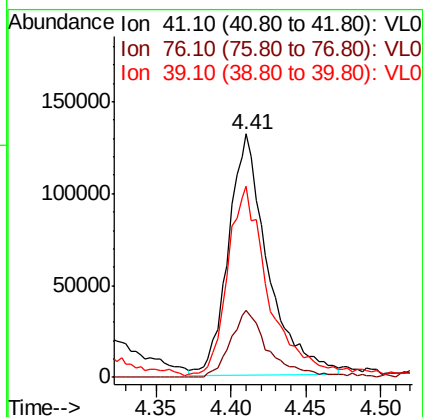
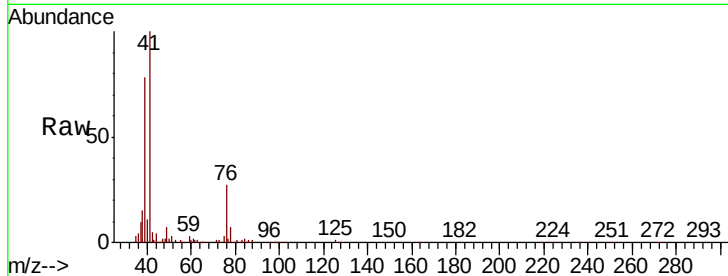
86 57.7 50.2 75.2





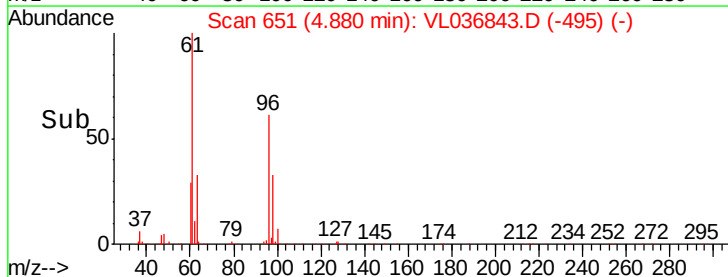
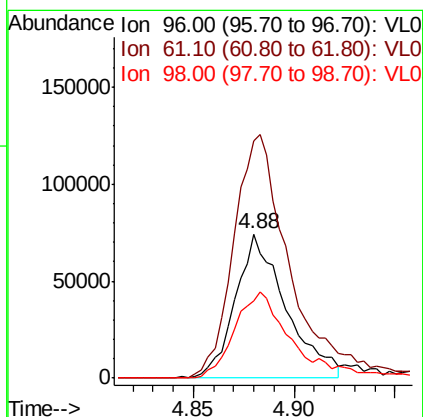
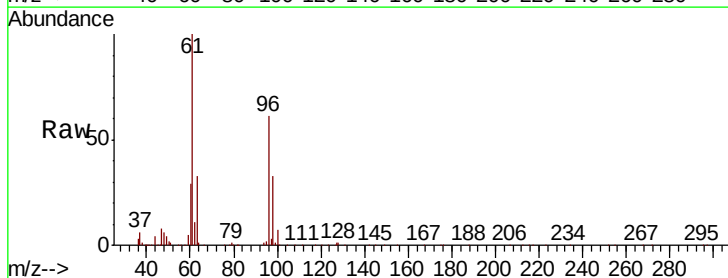
#21
 Allvl Chloride
 Concen: 2.031 ppbv
 RT: 4.41
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 2:00

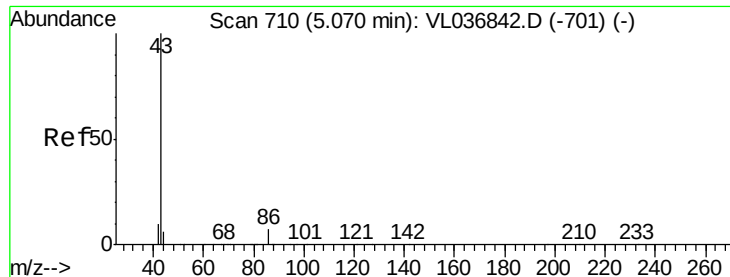
Tot Ion	41	Resp	242085
Ion Ratio	Lower	Upper	
41	100		
76	27.3	22.4	33.6
39	81.7	68.4	102.6



#22
 trans-1,2-Dichloroethene
 Concen: 1.914 ppbv
 RT: 4.88 min Scan# 651
 Delta R.T.: 0.00 min
 Lab File: VL036843.D
 Acq: 27 Apr 2021 2:06

Tgt Ion	96	Resp	129450
Ion Ratio	Lower	Upper	
96	100		
61	164.4	138.6	207.8
98	53.7	48.1	72.1





#23

Vinyl Acetate

Concen: 1.727 ppbv

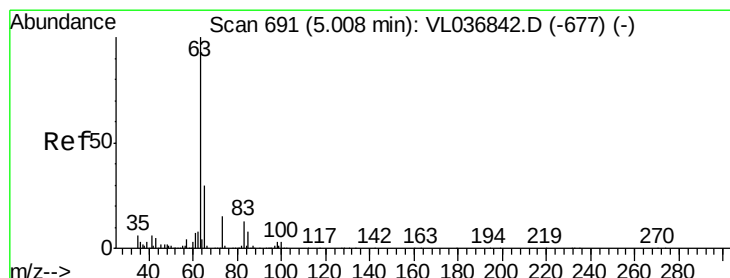
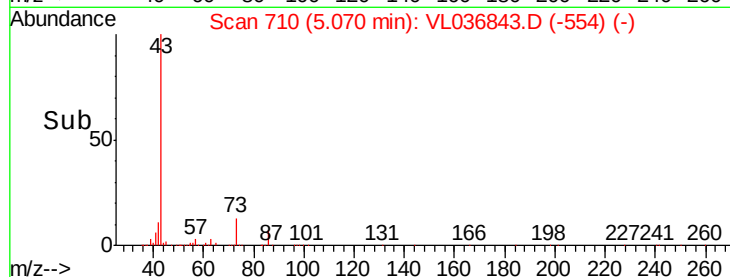
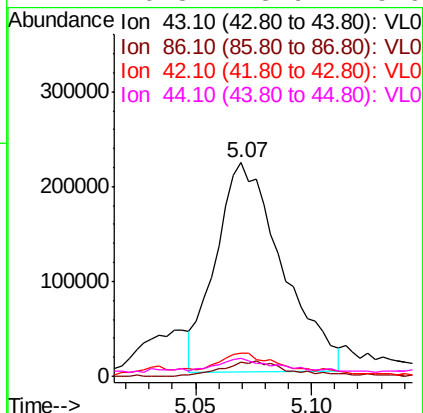
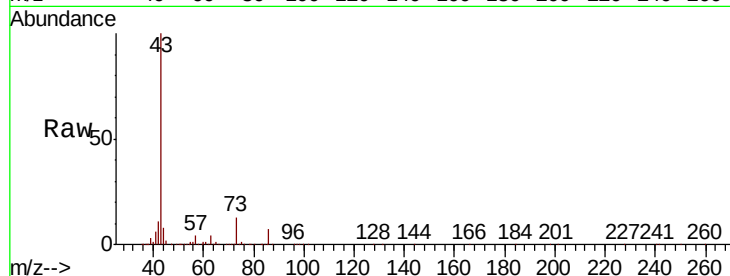
RT: 5.07 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 2:00

Tot Ion:	43	Resp:	438417
Ion	Ratio	Lower	Upper
43	100		
86	7.3	5.3	7.9
42	9.8	8.7	13.1
44	6.8	3.9	5.9#



#24

1,1-Dichloroethane

Concen: 1.640 ppbv

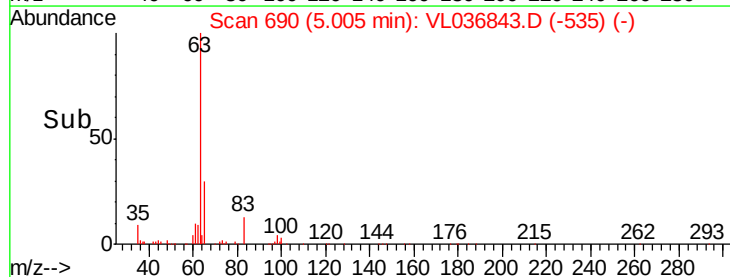
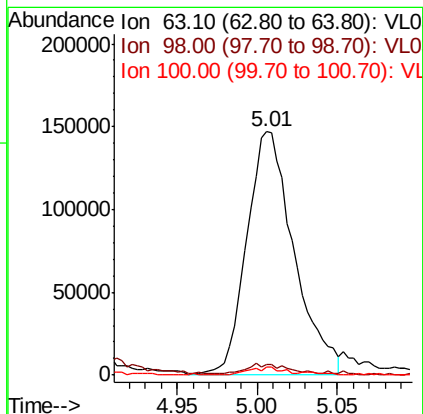
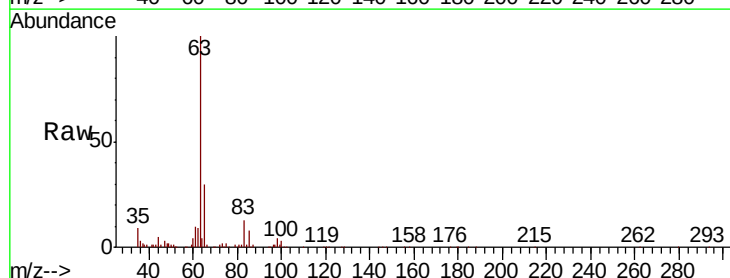
RT: 5.01 min Scan# 690

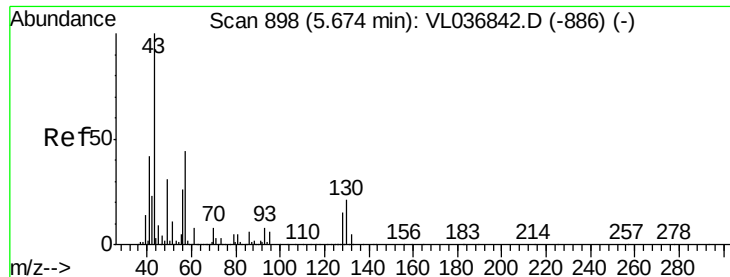
Delta R.T. -0.00 min

Lab File: VL036843.D

Acq: 27 Apr 2021 2:06

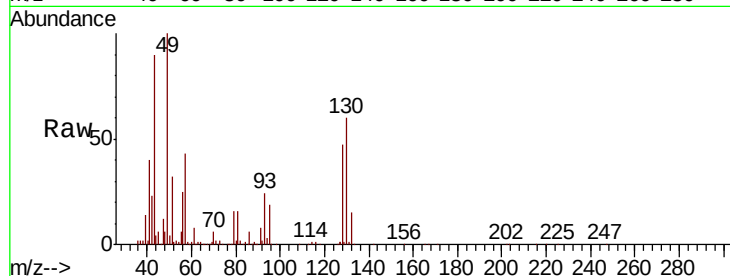
Tgt Ion:	63	Resp:	296504
Ion	Ratio	Lower	Upper
63	100		
98	3.9	1.7	5.1
100	3.1	1.3	3.8





#25
Ethyl Acetate
Concen: 2.193 ppbv
RT: 5.68 min
Instrument: MSVOA_1
Delta R.T.: 0.00 min
Lab File: VL036843.D
Client Sample Id:
Acq: 27 Apr 2021 2:00

Tot Ion:	43	Resp:	798944
Ion	Ratio	Lower	Upper
43	100		
45	8.9	7.8	11.6
61	9.0	7.6	11.4
70	7.8	5.4	8.0



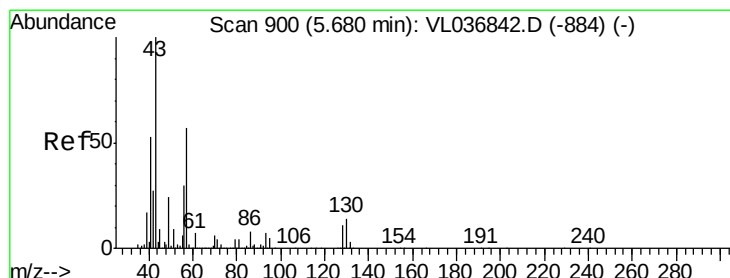
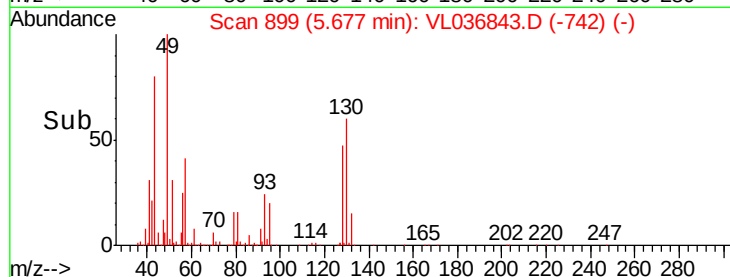
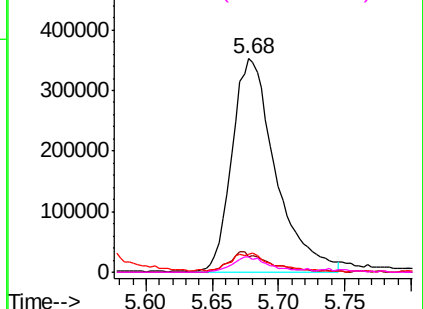
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

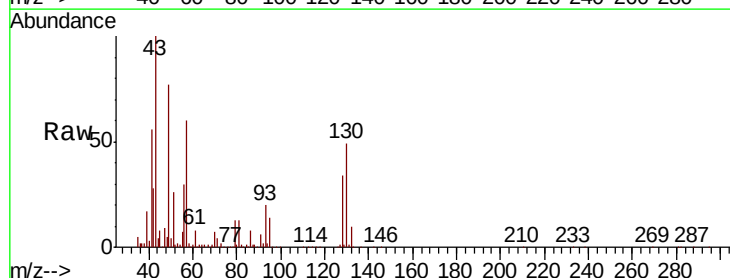
Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 2.293 ppbv
RT: 5.68 min Scan# 901
Delta R.T.: 0.00 min
Lab File: VL036843.D
Acq: 27 Apr 2021 2:06

Tgt Ion:	57	Resp:	384486
Ion	Ratio	Lower	Upper
57	100		
41	97.3	77.7	116.5
43	216.3	180.5	270.7
56	56.3	44.6	66.8



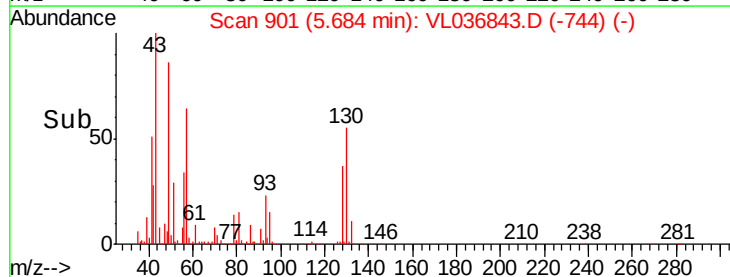
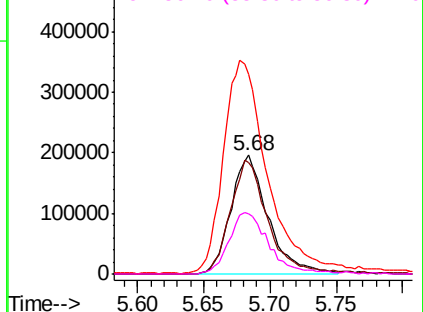
Abundance

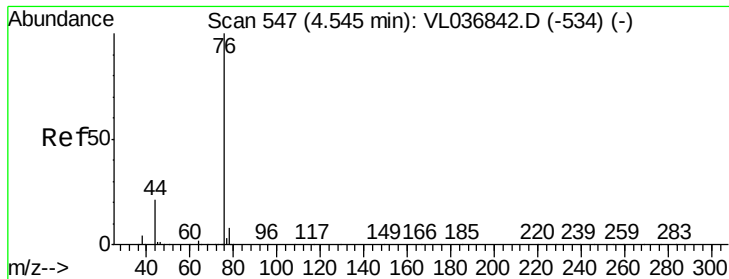
Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

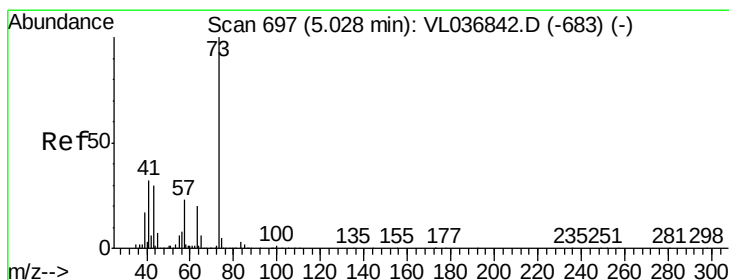
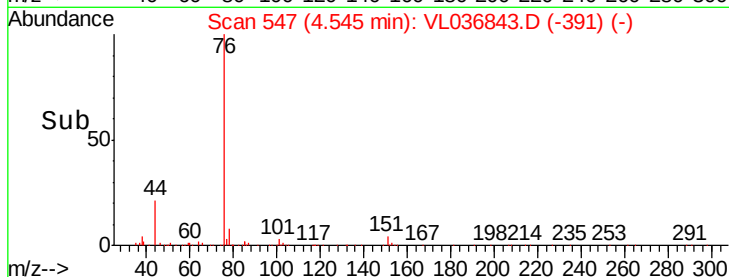
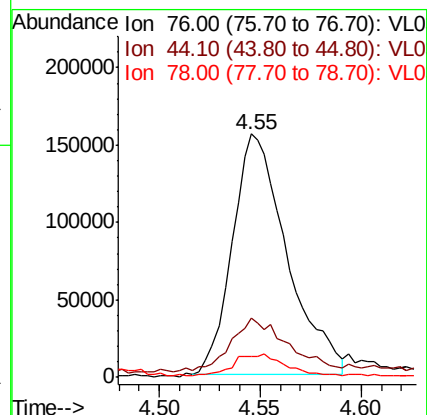
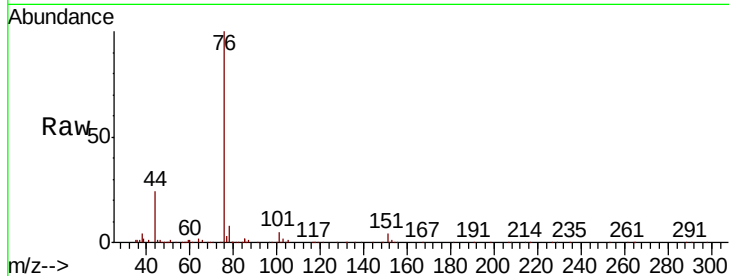
Ion 56.10 (55.80 to 56.80): VL0





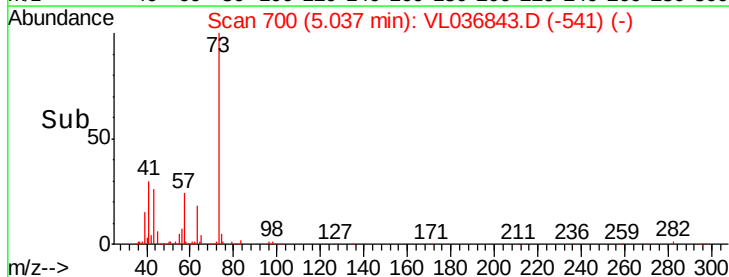
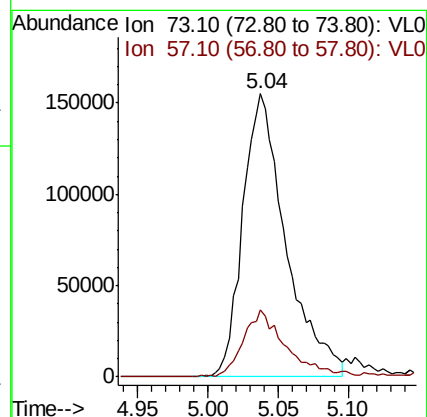
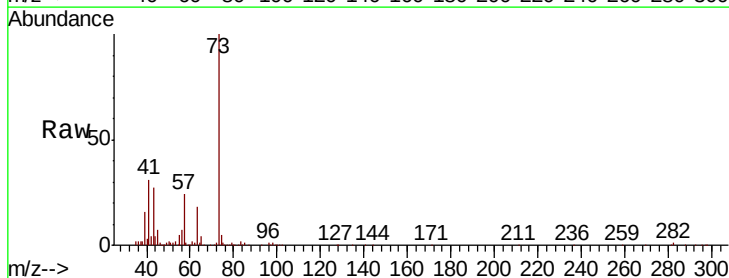
#27
Carbon Disulfide
Concen: 1.781 ppbv
RT: 4.55 Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Apr 2021 2:00

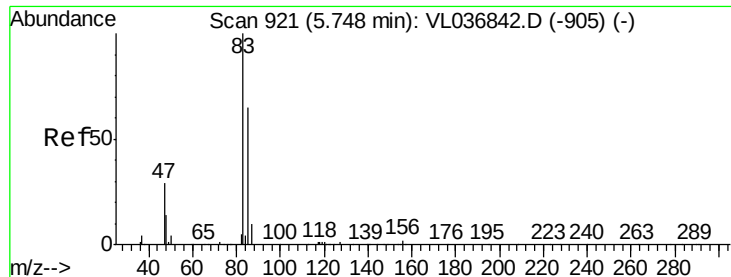
Tot Ion	Ratio	Lower	Upper
76	100		
44	25.0	16.9	25.3
78	11.0	7.9	11.9



#28
Methyl tert-Butyl Ether
Concen: 1.751 ppbv
RT: 5.04 min Scan# 700
Delta R.T. 0.01 min
Lab File: VL036843.D
Acq: 27 Apr 2021 2:06

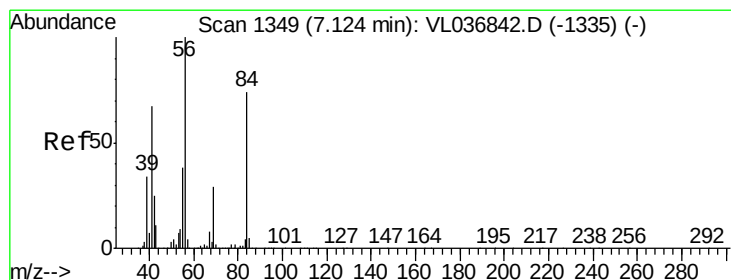
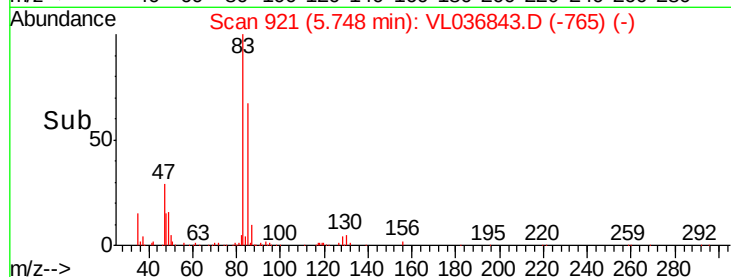
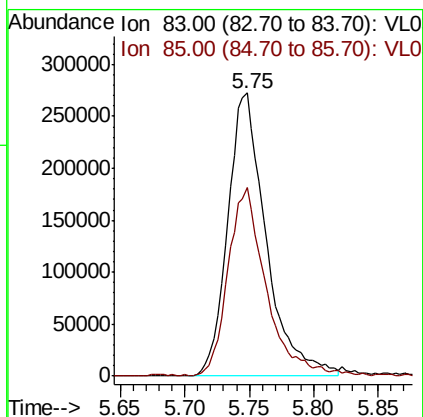
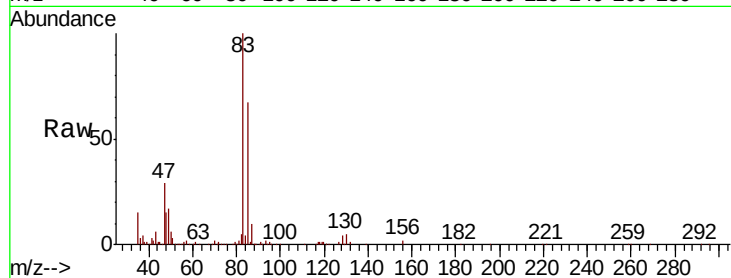
Tgt Ion	Ratio	Lower	Upper
73	100		
57	24.2	19.0	28.6





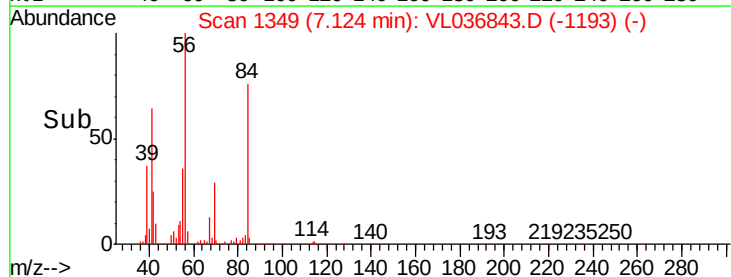
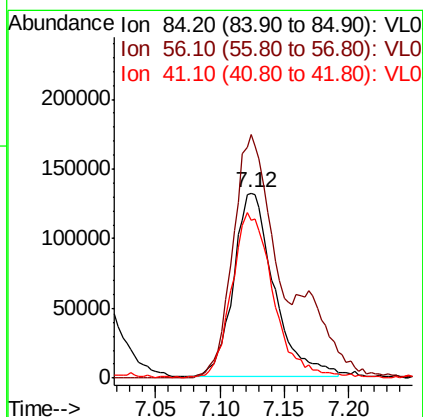
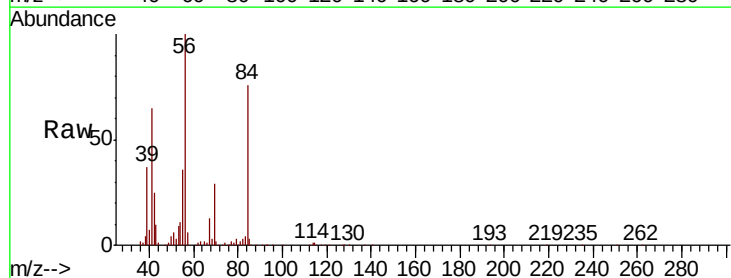
#29
Chloroform
Concen: 2.081 ppbv
RT: 5.75 min
Instrument: MSVOA_1
Delta R.T.: 0.00 min
Lab File: ClientSampleId :
Acq: 27 Apr 2021 2:06

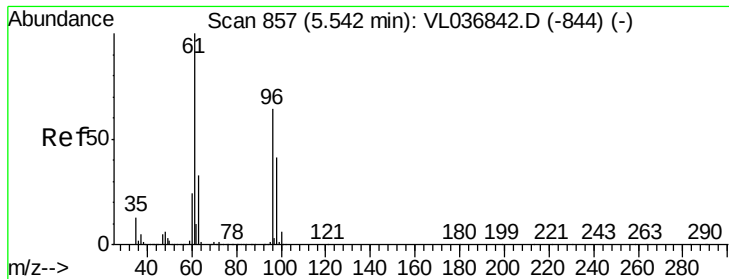
Tot Ion: 83 Resp: 564014
Ion Ratio Lower Upper
83 100
85 66.5 52.2 78.4



#30
Cyclohexane
Concen: 2.113 ppbv
RT: 7.12 min Scan# 1349
Delta R.T.: 0.00 min
Lab File: VL036843.D
Acq: 27 Apr 2021 2:06

Tgt Ion: 84 Resp: 288793
Ion Ratio Lower Upper
84 100
56 170.4 115.8 173.6
41 91.4 74.6 111.8





#31

cis-1,2-Dichloroethene

Concen: 2.049 ppbv

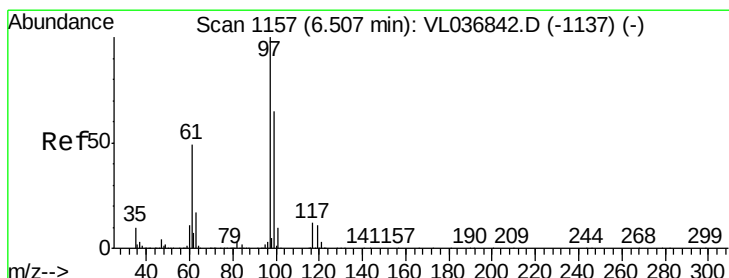
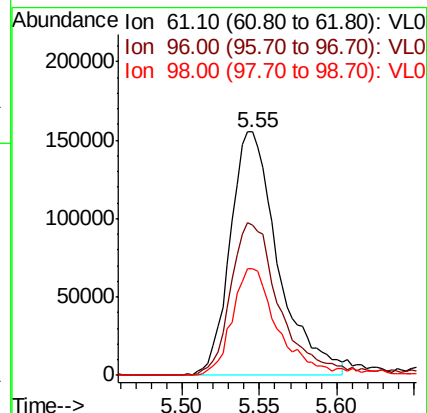
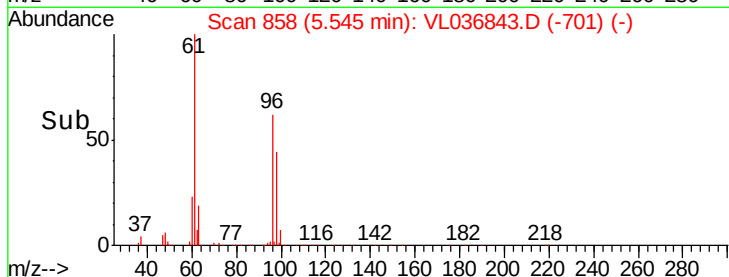
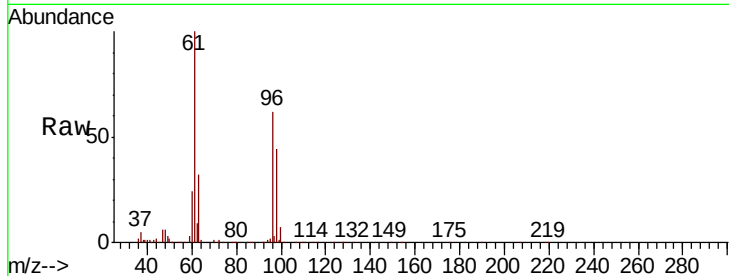
RT: 5.55 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 27 Apr 2021 2:00

Tot Ion:	61	Resp:	331101
Ion	Ratio	Lower	Upper
61	100		
96	61.7	51.0	76.6
98	43.7	32.7	49.1



#32

1,1,1-Trichloroethane

Concen: 2.052 ppbv

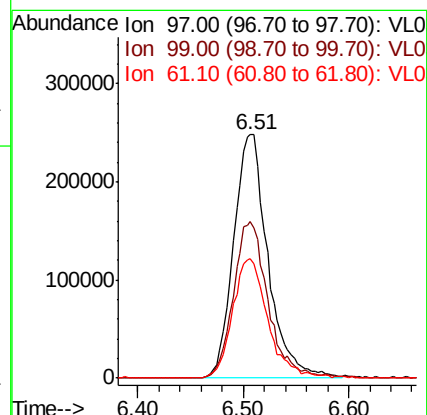
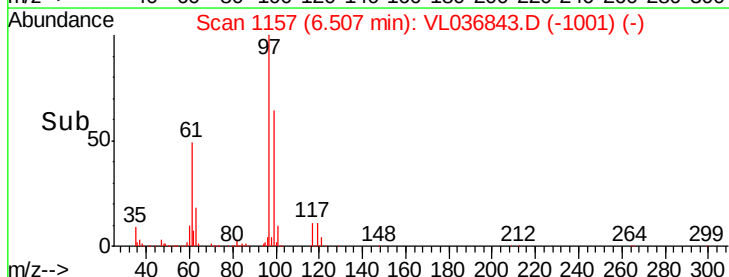
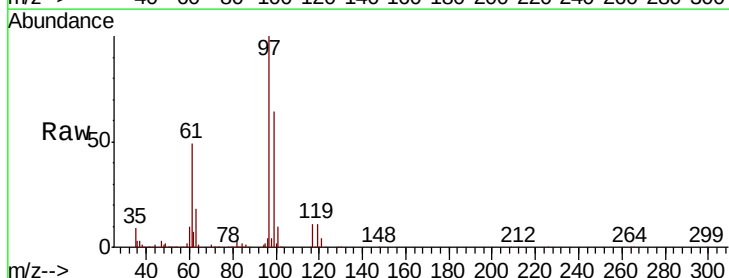
RT: 6.51 min Scan# 1157

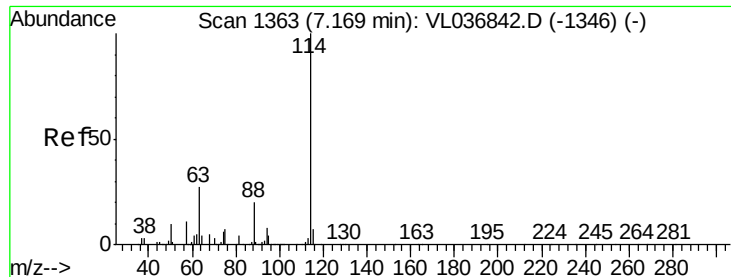
Delta R.T. 0.00 min

Lab File: VL036843.D

Acq: 27 Apr 2021 2:06

Tgt Ion:	97	Resp:	559779
Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.8	77.6
61	50.3	40.8	61.2

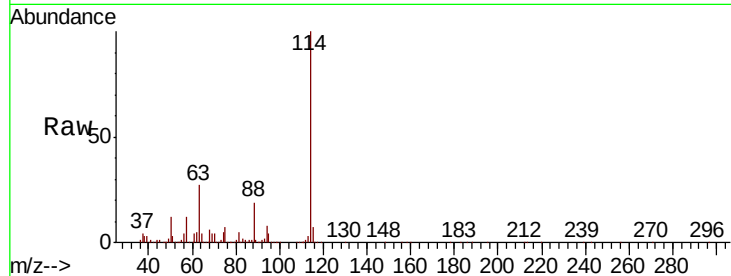




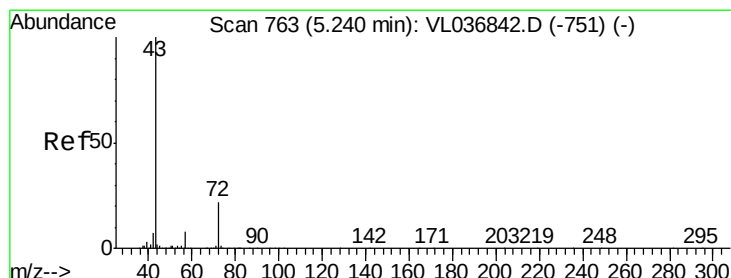
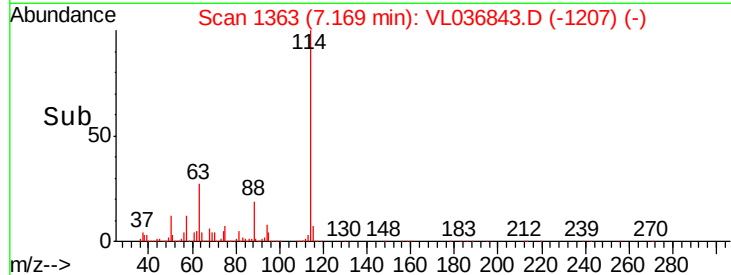
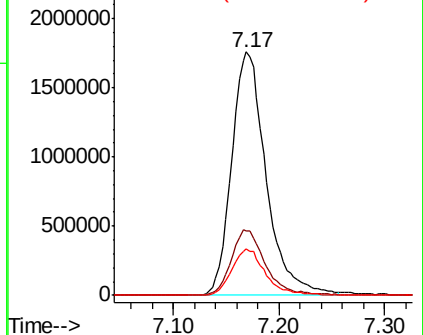
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 2:00

Tot Ion: 114 Resp: 3985371

Ion	Ratio	Lower	Upper
114	100		
63	26.7	21.9	32.9
88	18.7	15.1	22.7



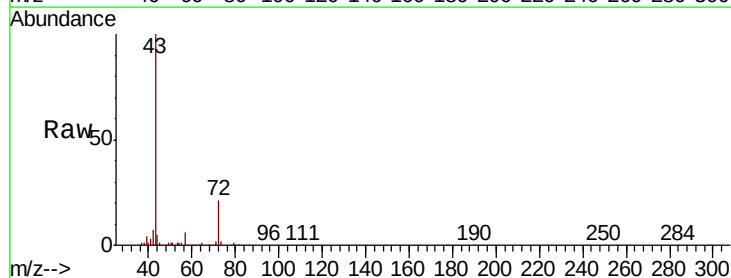
Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0



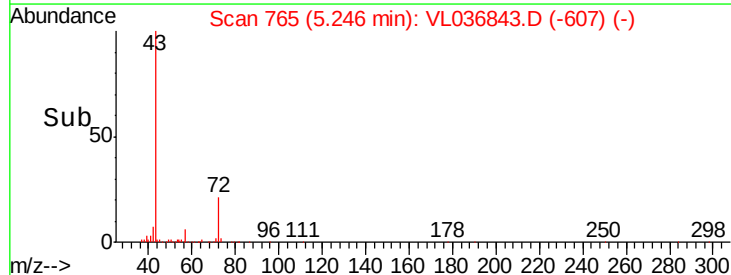
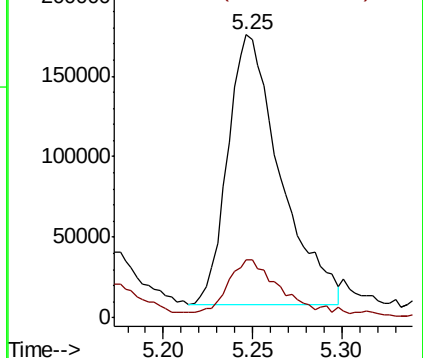
#34
 2-Butanone
 Concen: 1.816 ppbv
 RT: 5.25 min Scan# 765
 Delta R.T.: 0.01 min
 Lab File: VL036843.D
 Acq: 27 Apr 2021 2:06

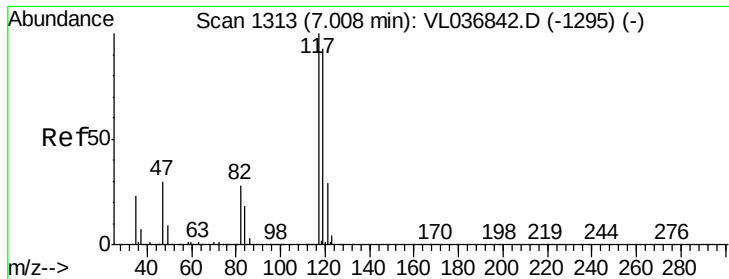
Tgt Ion: 43 Resp: 346441

Ion	Ratio	Lower	Upper
43	100		
72	25.1	17.5	26.3



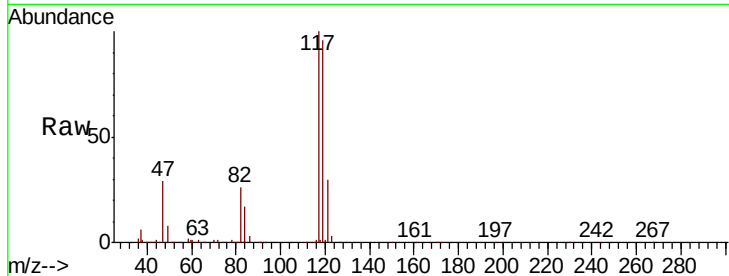
Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0



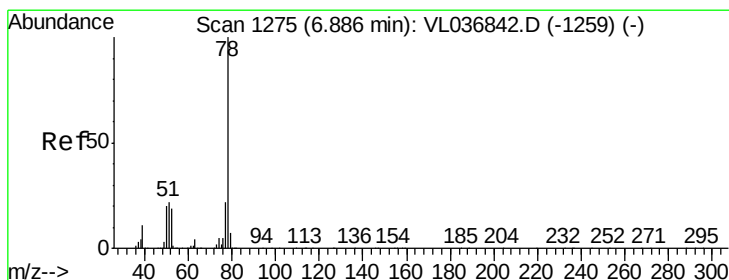
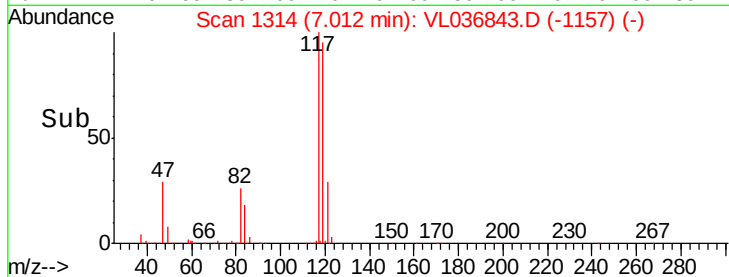
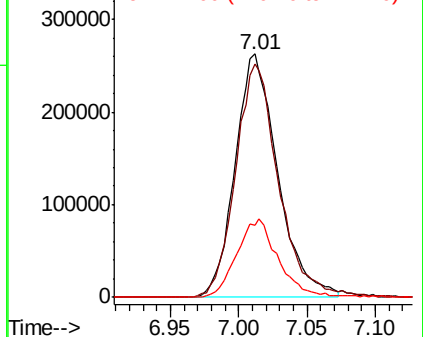


#35
Carbon Tetrachloride
Concen: 1.868 ppbv
RT: 7.01 Instrument : MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 27 Apr 2021 2:00

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.7	74.6	111.8
121	29.6	23.3	34.9

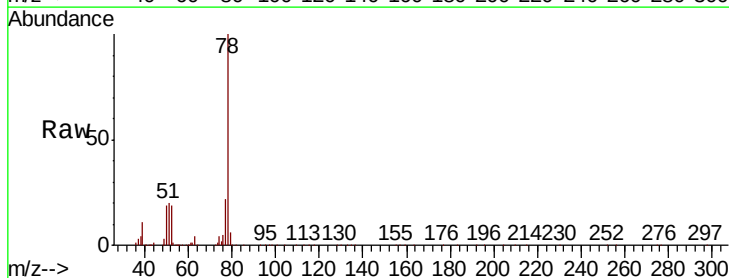


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

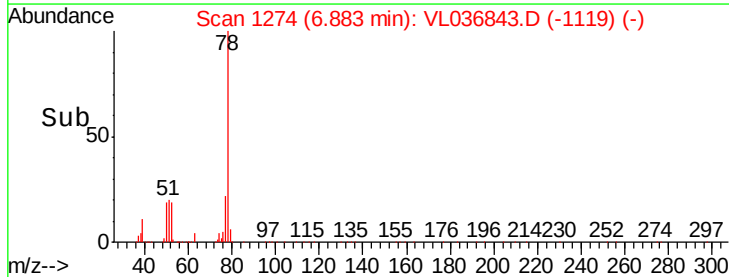
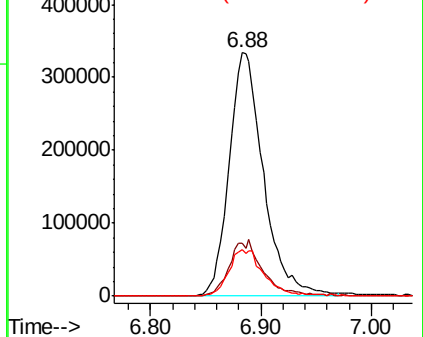


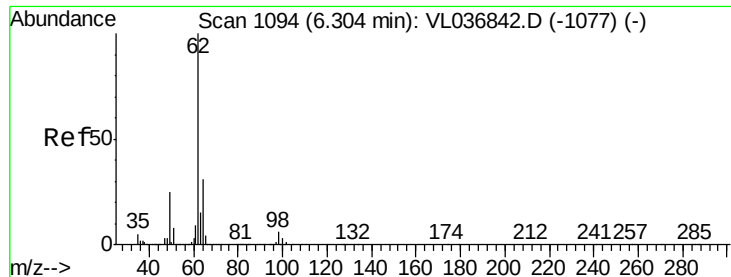
#36
Benzene
Concen: 1.987 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. -0.00 min
Lab File: VL036843.D
Acq: 27 Apr 2021 2:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.9	17.6	26.4
50	19.2	16.3	24.5



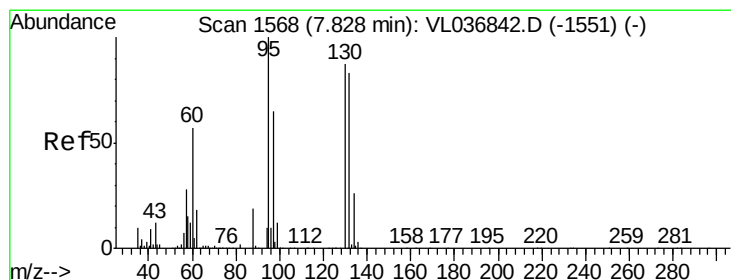
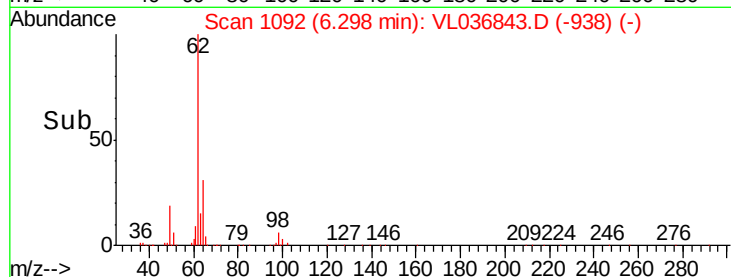
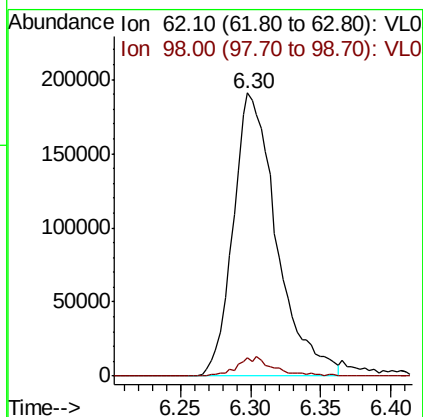
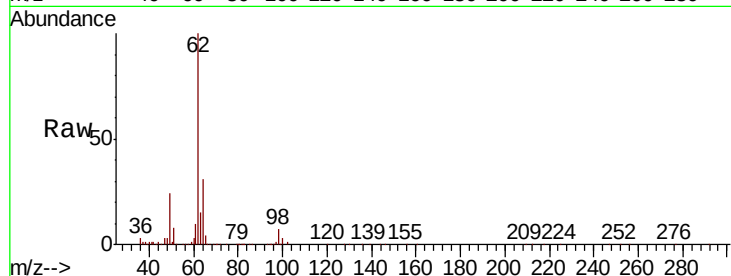
Abundance Ion 78.10 (77.80 to 78.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0





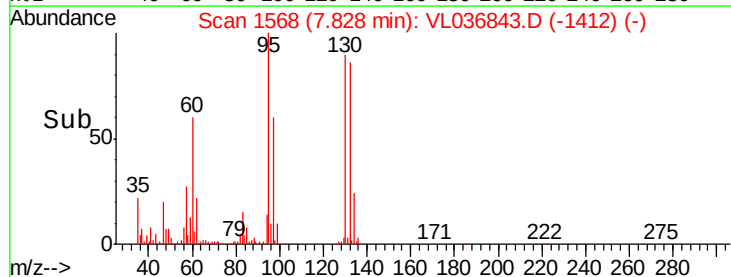
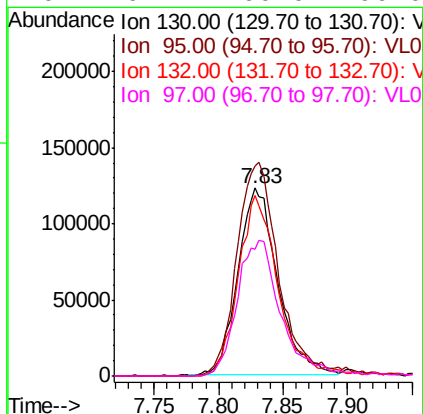
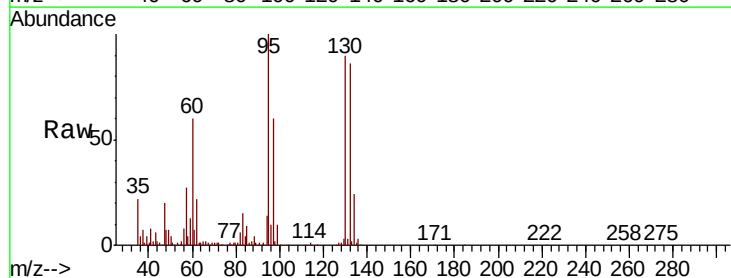
#37
 1,2-Dichloroethane
 Concen: 1.931 ppbv
 RT: 6.30
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 2:00

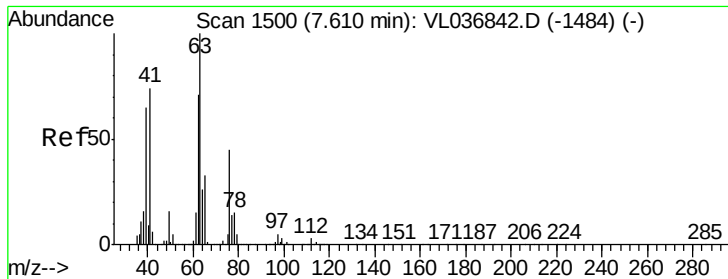
Tot Ion	62	Resp	411707
Ion Ratio	Lower	Upper	
62	100		
98	6.0	4.8	7.2



#38
 Trichloroethene
 Concen: 1.852 ppbv
 RT: 7.83 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VL036843.D
 Acq: 27 Apr 2021 2:06

Tgt Ion	130	Resp	263921
Ion Ratio	Lower	Upper	
130	100		
95	112.3	92.3	138.5
132	96.5	76.8	115.2
97	67.7	60.0	90.0





#39

1,2-Dichloropropane

Concen: 1.923 ppbv

RT: 7.61 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 2:00

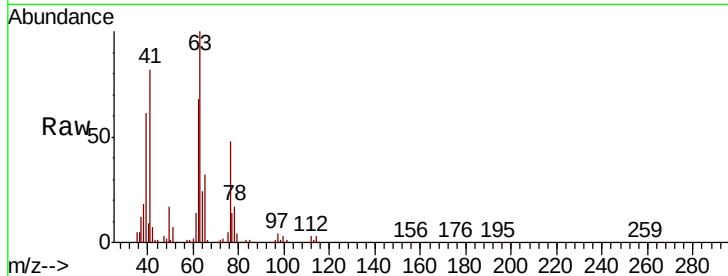
Tot Ion: 63 Resp: 282354

Ion Ratio Lower Upper

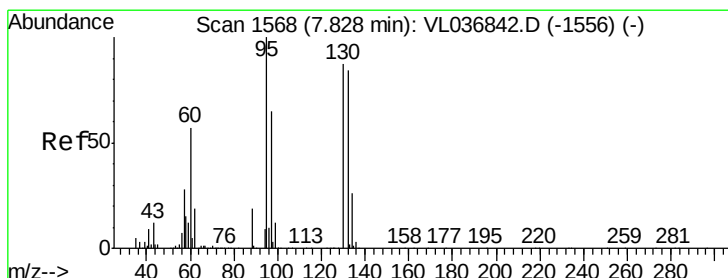
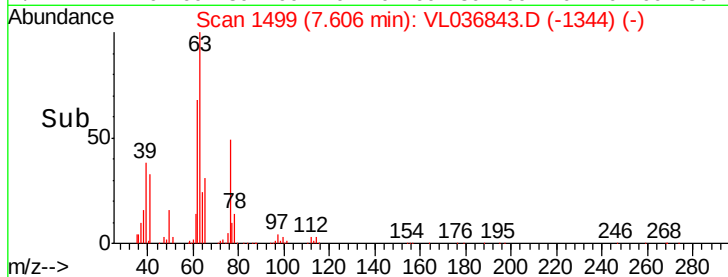
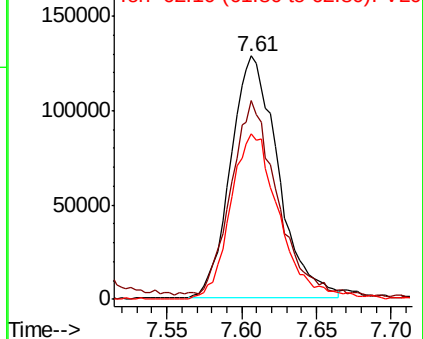
63 100

41 79.5 59.1 88.7

62 68.4 56.9 85.3



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



#40

1,4-Dioxane

Concen: 1.696 ppbv

RT: 7.85 min Scan# 1574

Delta R.T. 0.02 min

Lab File: VL036843.D

Acq: 27 Apr 2021 2:06

Tgt Ion: 88 Resp: 58700

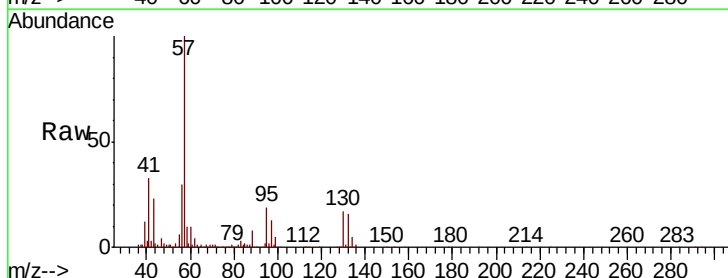
Ion Ratio Lower Upper

88 100

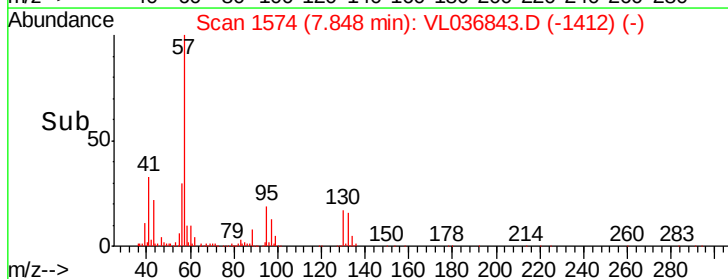
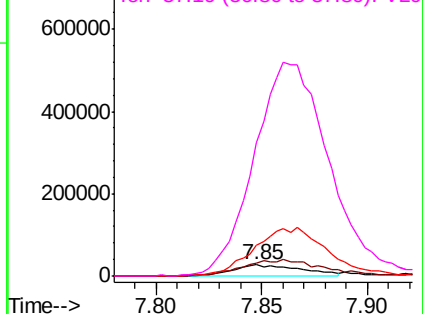
58 192.6 129.8 194.8

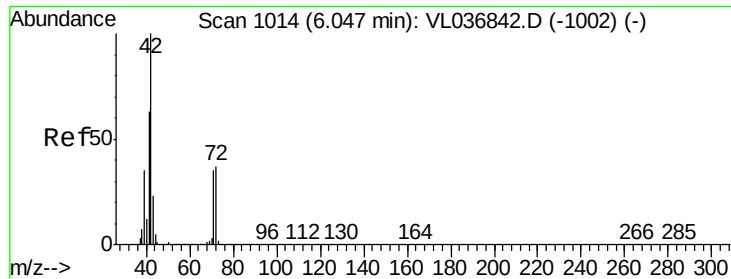
43 491.2 326.5 489.7#

57 2231.9 1428.2 2142.4#



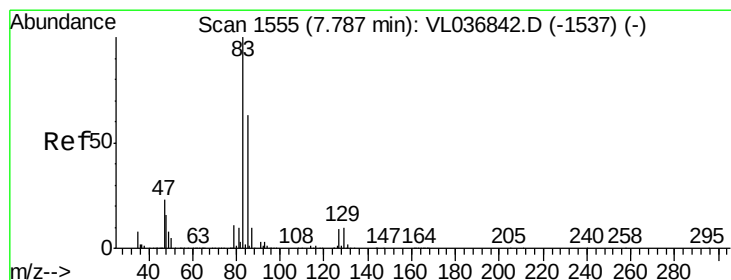
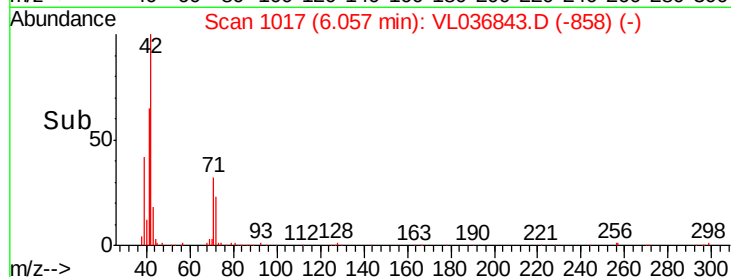
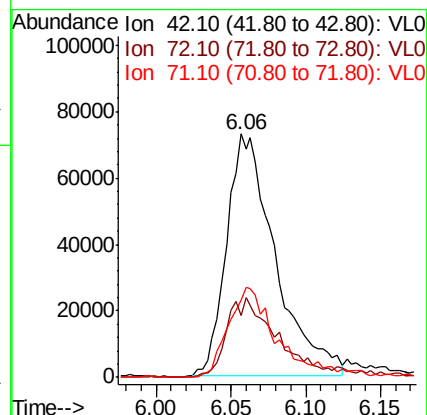
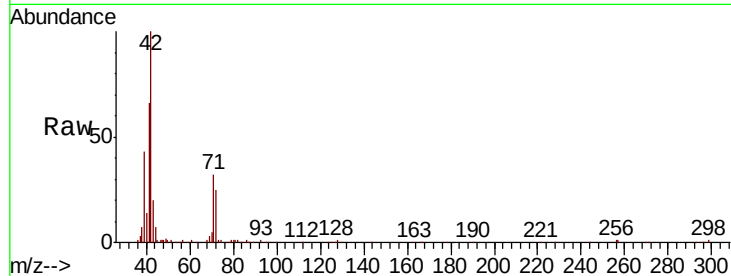
Abundance Ion 88.10 (87.80 to 88.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 57.10 (56.80 to 57.80): VL0





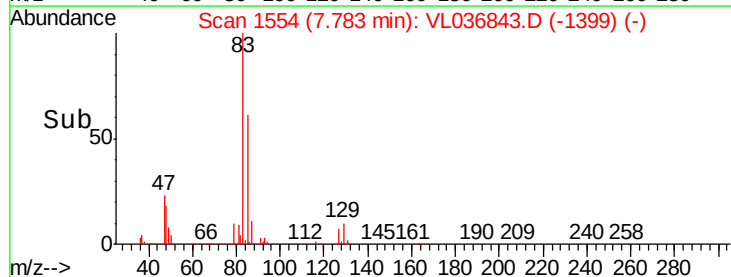
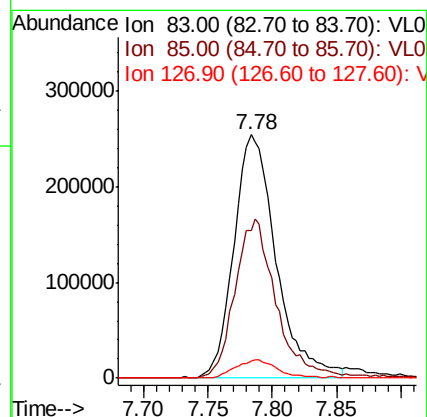
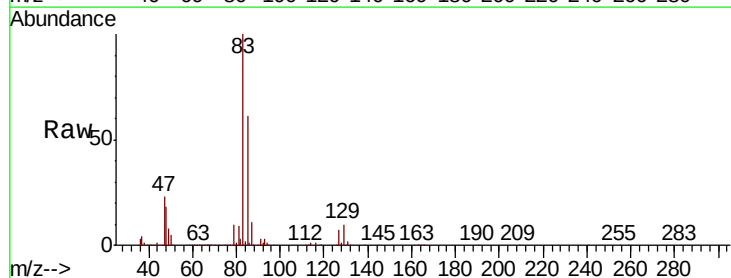
#41
Tetrahydrofuran
Concen: 1.894 ppbv
RT: 6.06
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 27 Apr 2021 2:00

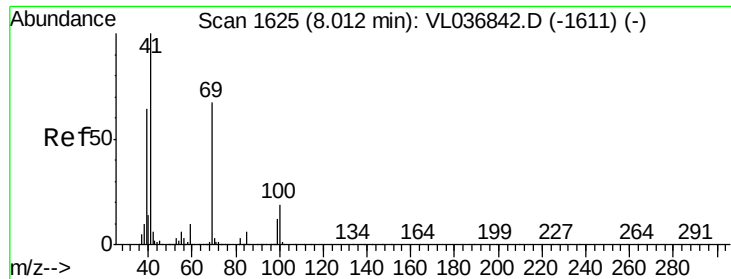
Tot Ion	Ratio	Lower	Upper
42	100		
72	36.8	29.7	44.5
71	38.7	29.0	43.6



#42
Bromodichloromethane
Concen: 1.990 ppbv
RT: 7.78 min Scan# 1554
Delta R.T.: -0.00 min
Lab File: VL036843.D
Acq: 27 Apr 2021 2:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.5	50.4	75.6
127	7.1	6.9	10.3





#43

Methyl Methacrylate

Concen: 1.973 ppbv

RT: 8.01

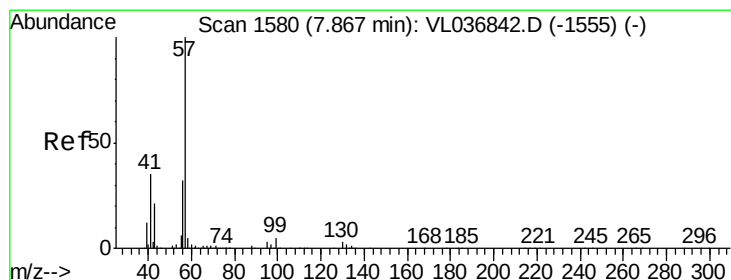
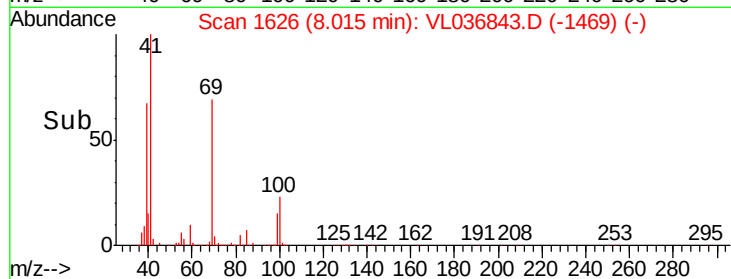
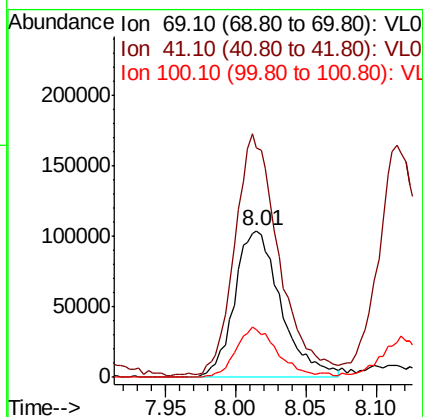
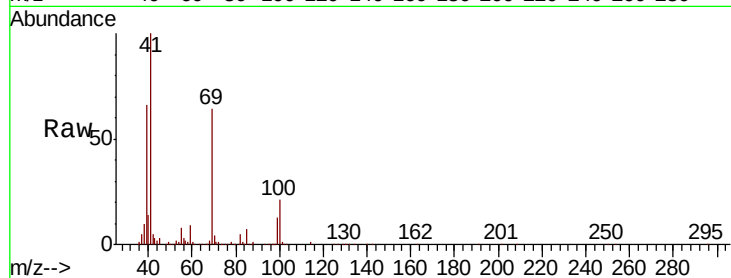
Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 27 Apr 2021 2:00

Tot Ion	Ratio	Lower	Upper
69	100		
41	158.8	125.0	187.4
100	31.2	25.4	38.2



#44

2,2,4-Trimethylpentane

Concen: 2.011 ppbv

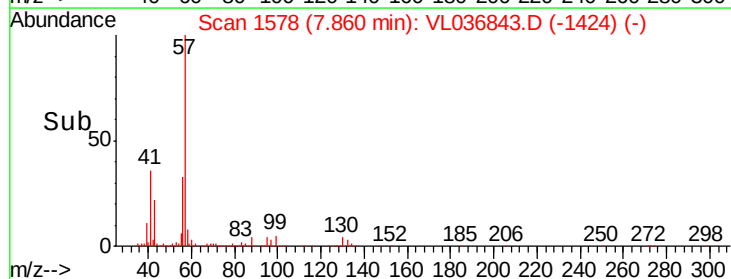
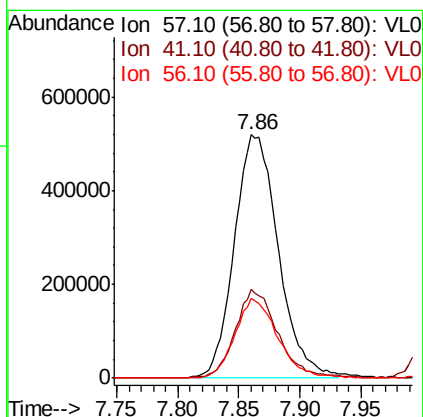
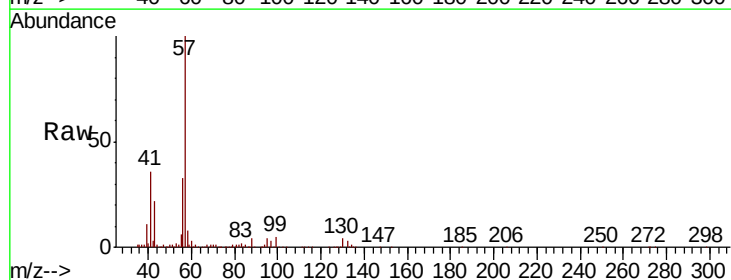
RT: 7.86 min Scan# 1578

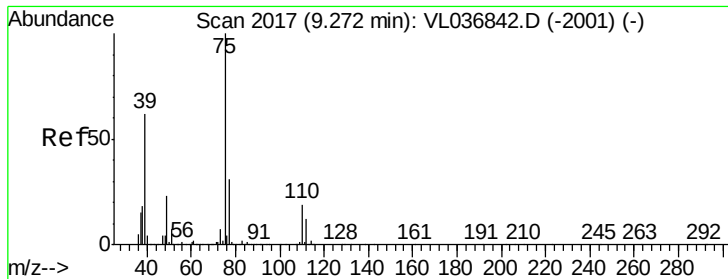
Delta R.T. -0.01 min

Lab File: VL036843.D

Acq: 27 Apr 2021 2:06

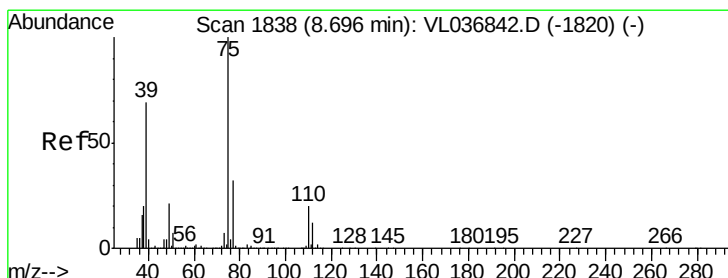
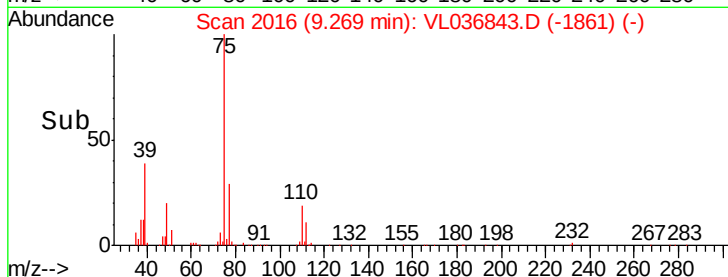
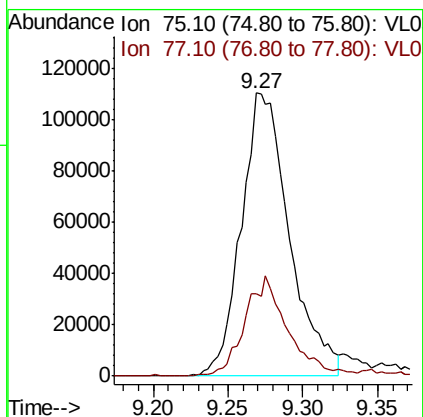
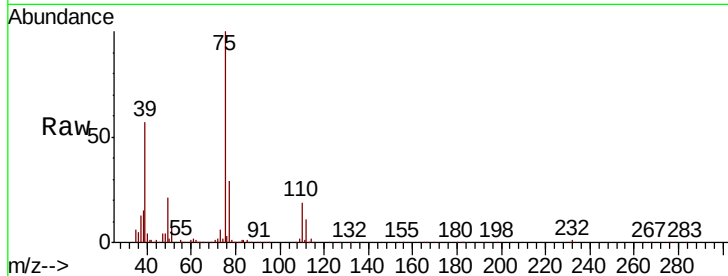
Tgt Ion	Ratio	Lower	Upper
57	100		
41	35.2	28.3	42.5
56	32.1	25.9	38.9





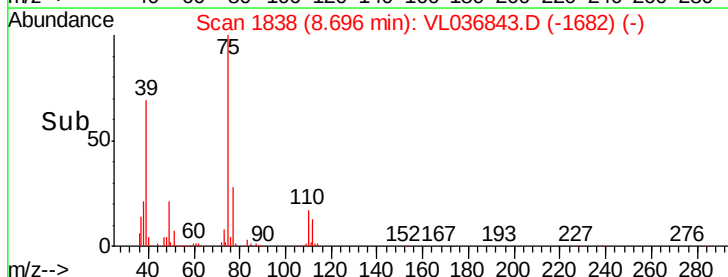
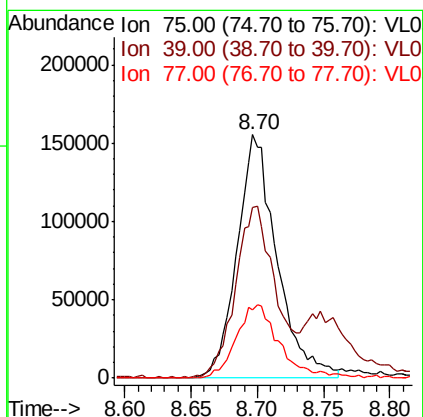
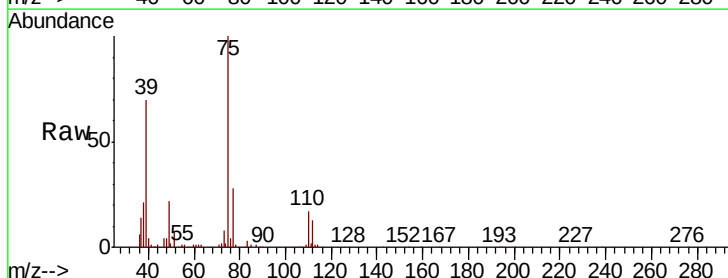
#45
 t-1,3-Dichloropropene
 Concen: 1.796 ppbv
 RT: 9.27
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 2:00

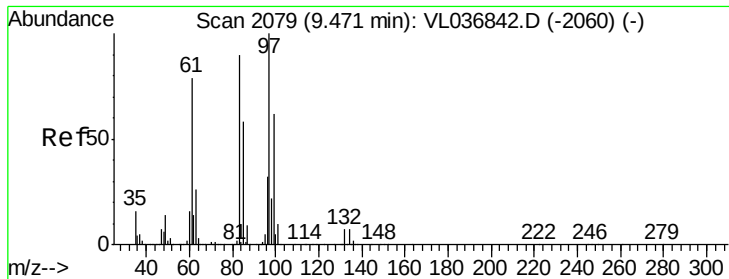
Tot Ion: 75 Resp: 248018
 Ion Ratio Lower Upper
 75 100
 77 29.3 24.6 37.0



#46
 cis-1,3-Dichloropropene
 Concen: 1.841 ppbv
 RT: 8.70 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VL036843.D
 Acq: 27 Apr 2021 2:06

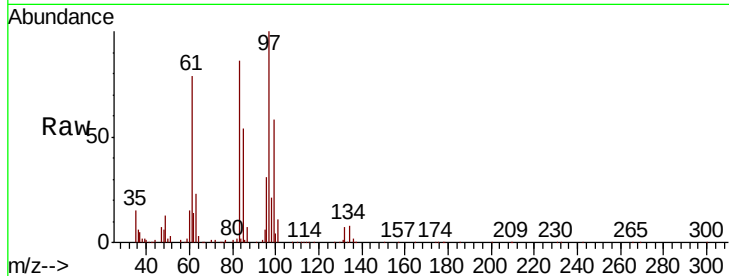
Tgt Ion: 75 Resp: 324409
 Ion Ratio Lower Upper
 75 100
 39 69.6 55.4 83.0
 77 28.1 25.2 37.8



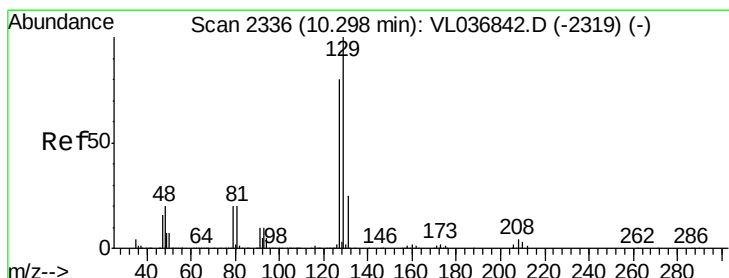
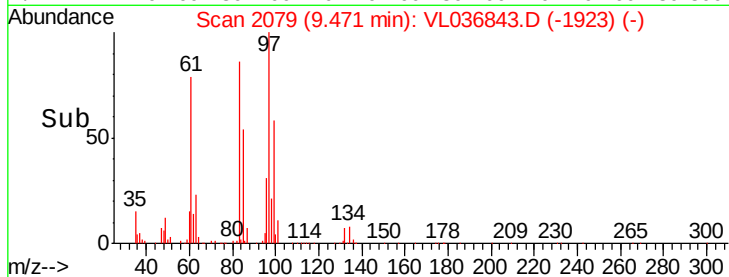
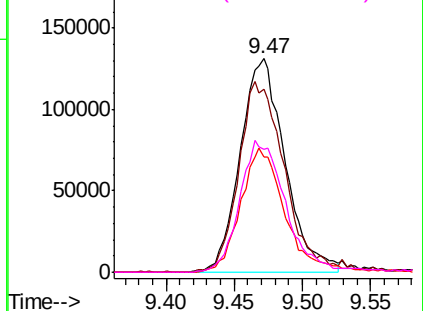


#47
 1,1,2-Trichloroethane
 Concen: 2.002 ppbv
 RT: 9.47 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 2:00

Tot Ion:	97	Resp:	299999
Ion	Ratio	Lower	Upper
97	100		
83	85.3	71.9	107.9
85	53.7	46.5	69.7
99	57.4	49.8	74.8

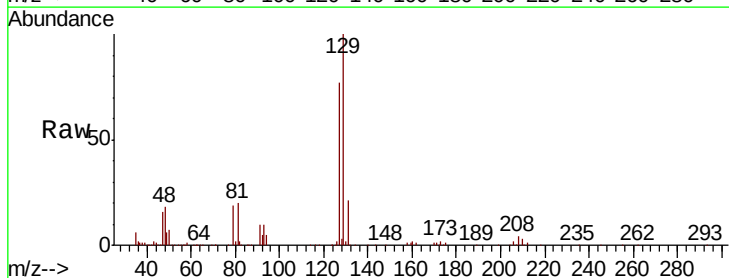


Abundance Ion 97.00 (96.70 to 97.70): VL0
 Ion 83.00 (82.70 to 83.70): VL0
 Ion 85.00 (84.70 to 85.70): VL0
 Ion 99.00 (98.70 to 99.70): VL0

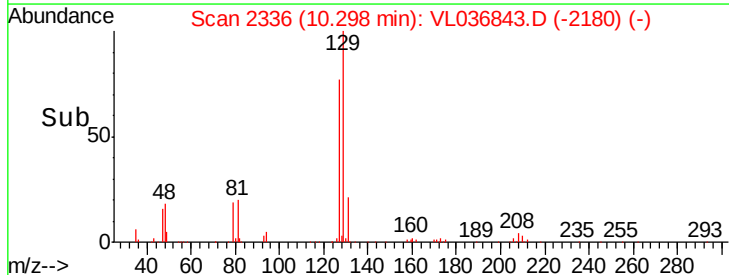
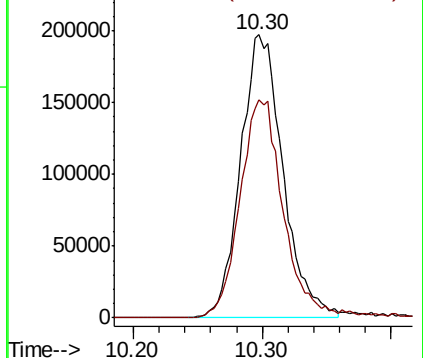


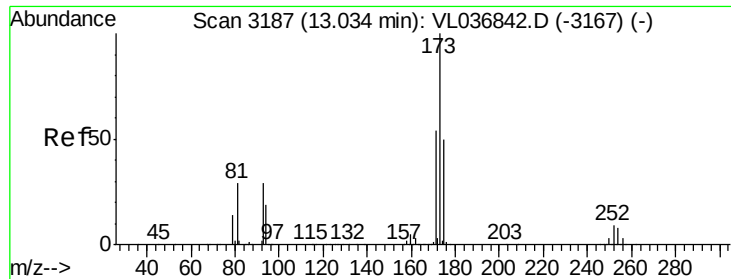
#48
 Dibromochloromethane
 Concen: 1.989 ppbv
 RT: 10.30 min Scan# 2336
 Delta R.T.: 0.00 min
 Lab File: VL036843.D
 Acq: 27 Apr 2021 2:06

Tgt Ion:	129	Resp:	451924
Ion	Ratio	Lower	Upper
129	100		
127	80.0	40.2	120.5



Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 1.924 ppbv

RT: 13.03

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 2:00

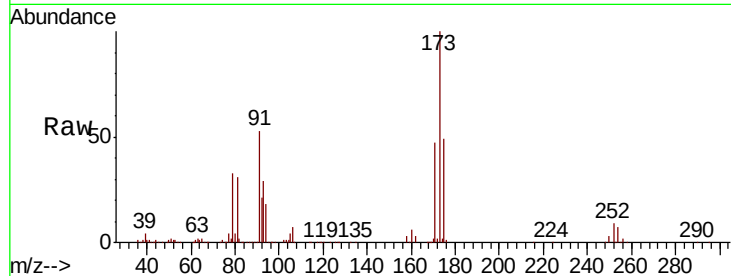
Tot Ion: 173 Resp: 352865

Ion Ratio Lower Upper

173 100

175 52.4 39.8 59.8

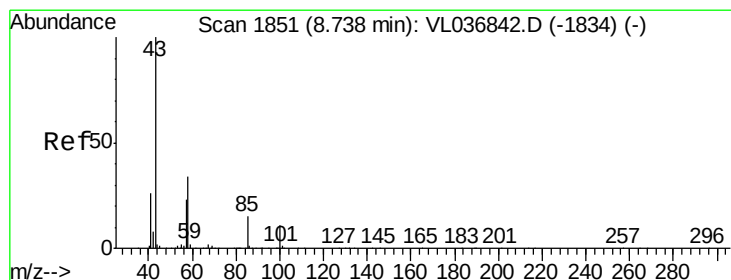
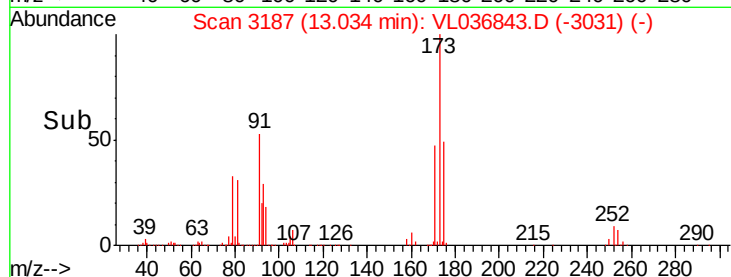
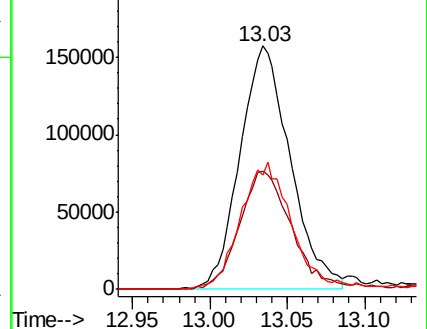
171 54.9 42.2 63.4



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: 1.894 ppbv

RT: 8.75 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VL036843.D

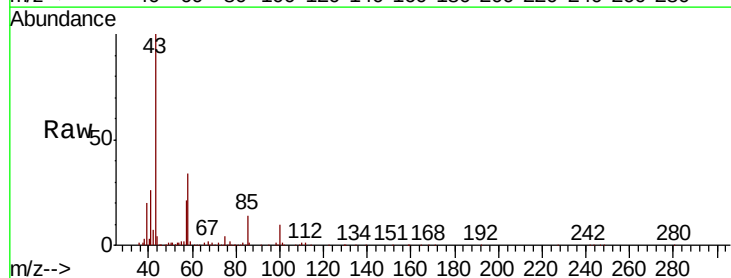
Acq: 27 Apr 2021 2:06

Tgt Ion: 43 Resp: 521783

Ion Ratio Lower Upper

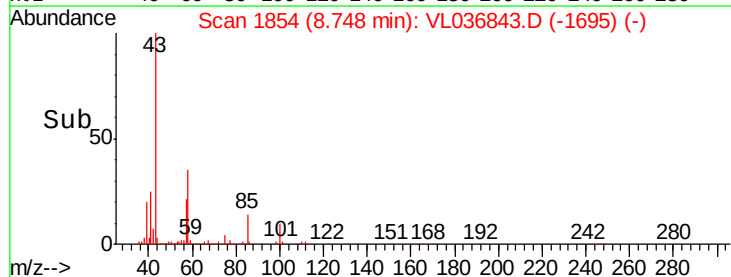
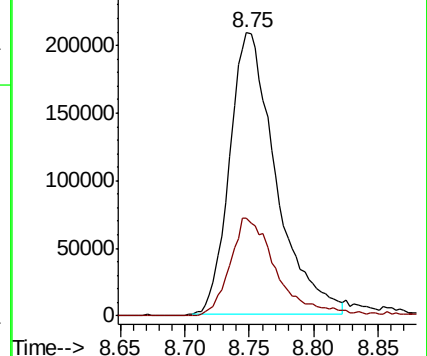
43 100

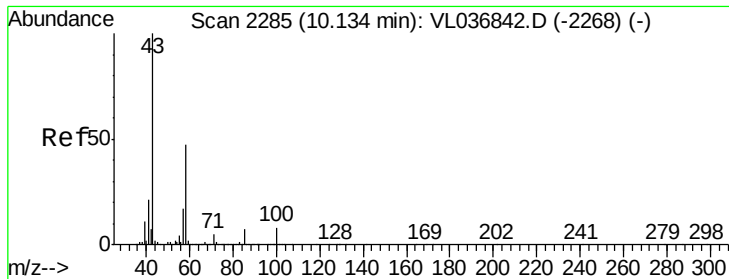
58 35.6 27.8 41.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

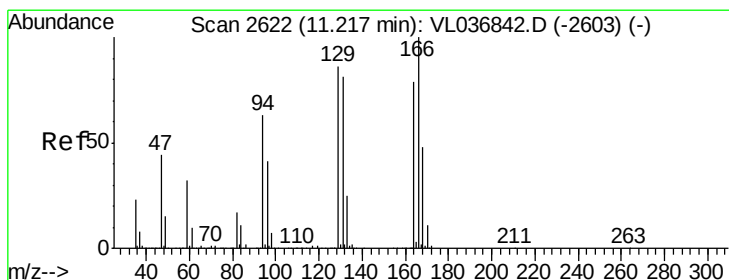
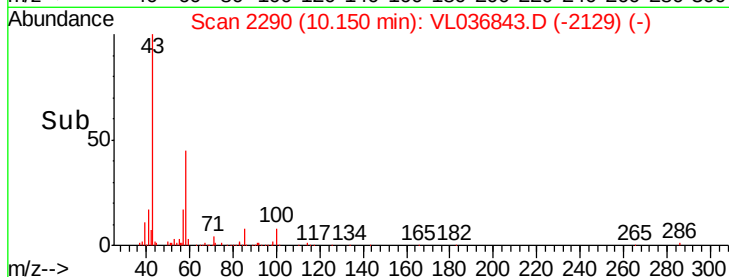
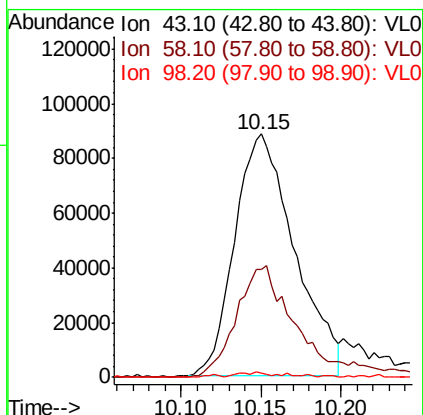
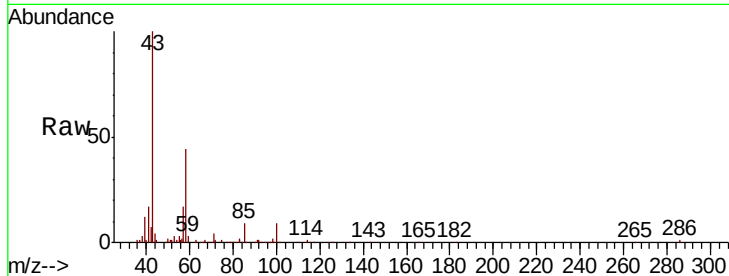
Ion 58.10 (57.80 to 58.80): VL0





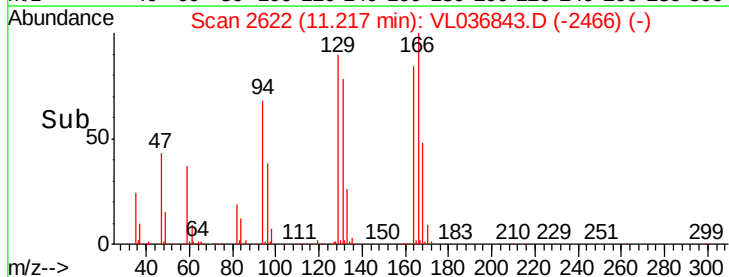
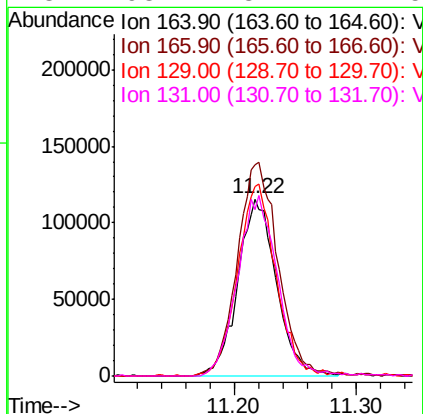
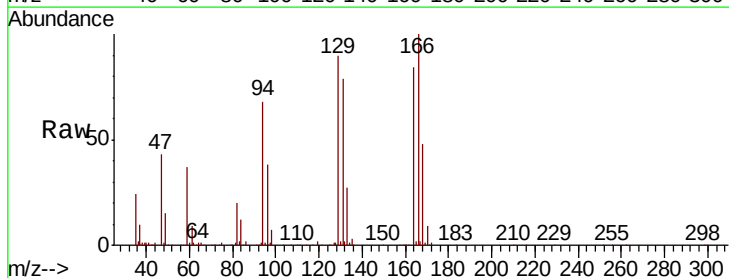
#51
2-Hexanone
Concen: 1.645 ppbv
RT: 10.15 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Apr 2021 2:00

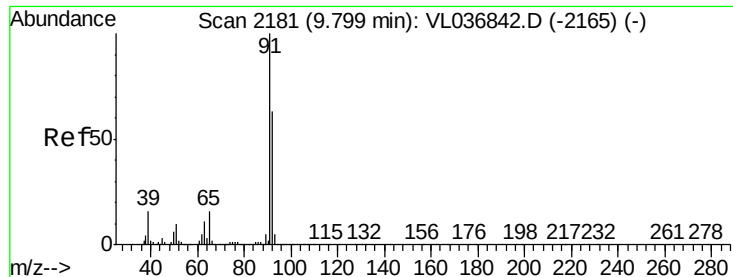
Tot Ion	Ratio	Lower	Upper
43	100		
58	48.7	36.8	55.2
98	2.0	0.3	0.5#



#52
Tetrachloroethene
Concen: 1.870 ppbv
RT: 11.22 min Scan# 2622
Delta R.T. 0.00 min
Lab File: VL036843.D
Acq: 27 Apr 2021 2:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.4	100.9	151.3
129	107.3	87.0	130.4
131	93.7	81.7	122.5





#53

Toluene

Concen: 2.027 ppbv

RT: 9.80 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

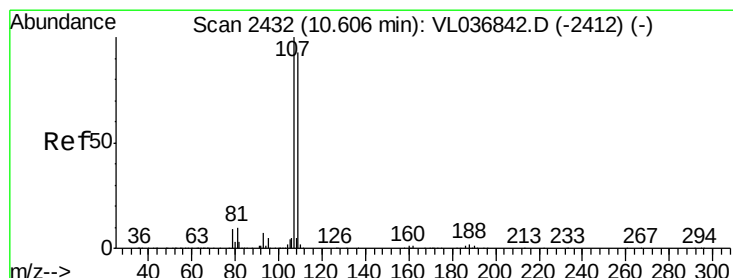
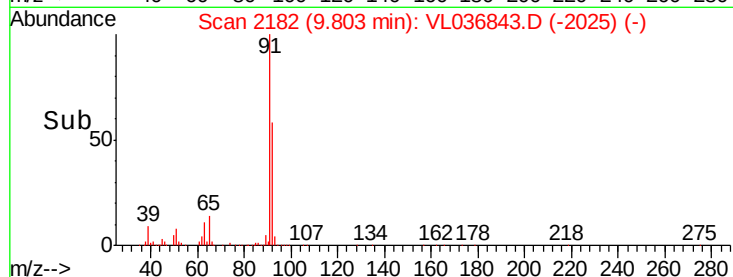
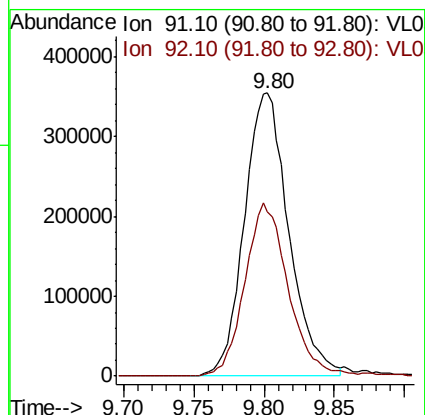
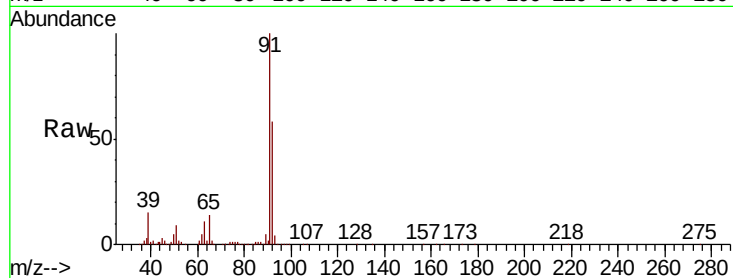
Acq: 27 Apr 2021 2:00

Tot Ion: 91 Resp: 783260

Ion Ratio Lower Upper

91 100

92 60.2 49.1 73.7



#54

1,2-Dibromoethane

Concen: 1.980 ppbv

RT: 10.60 min Scan# 2431

Delta R.T. -0.00 min

Lab File: VL036843.D

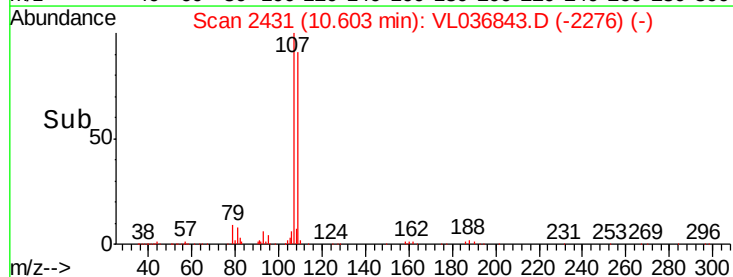
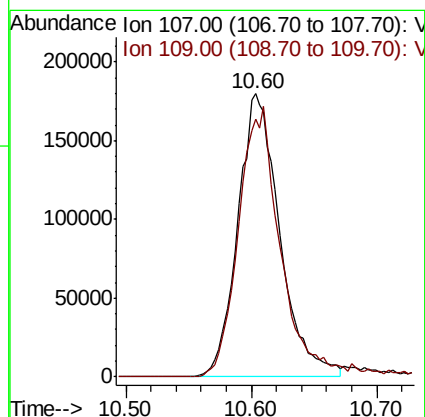
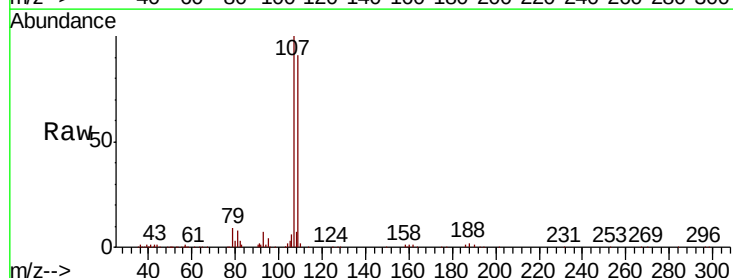
Acq: 27 Apr 2021 2:06

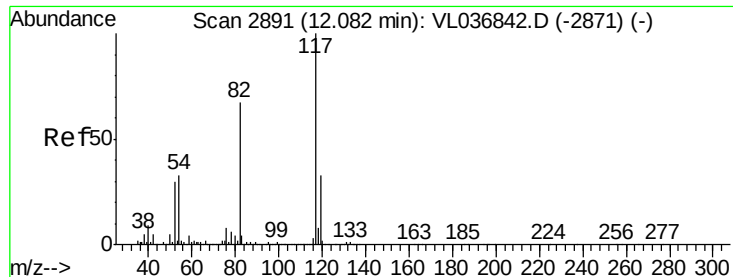
Tgt Ion: 107 Resp: 417574

Ion Ratio Lower Upper

107 100

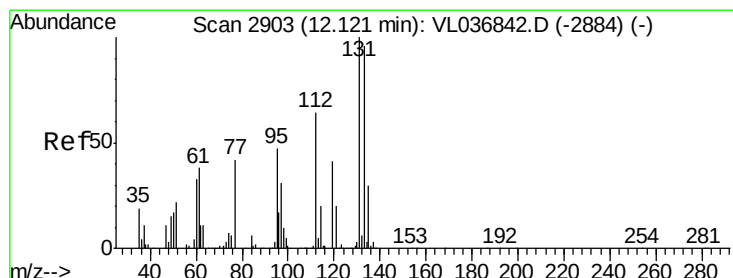
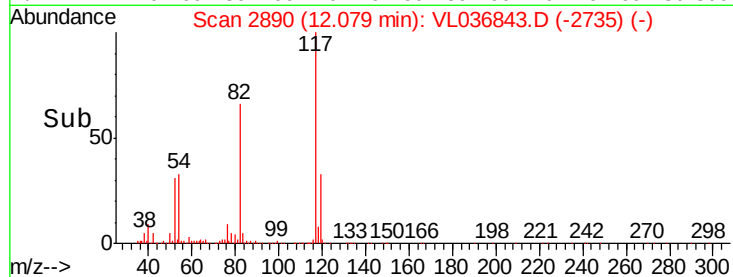
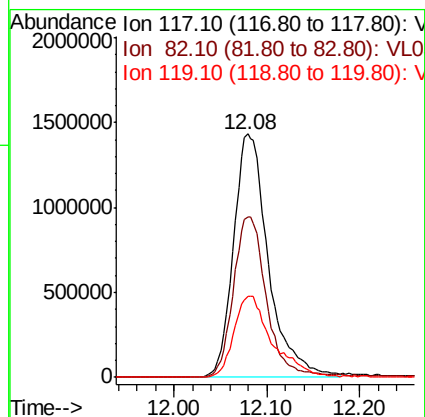
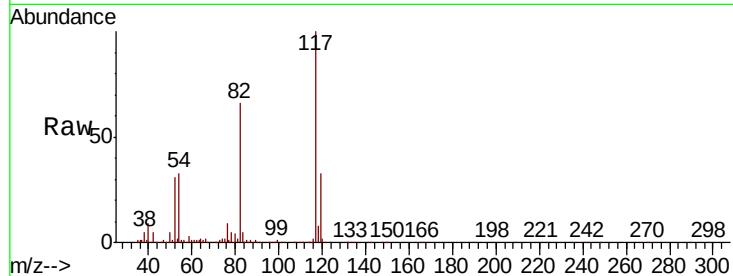
109 91.0 74.7 112.1





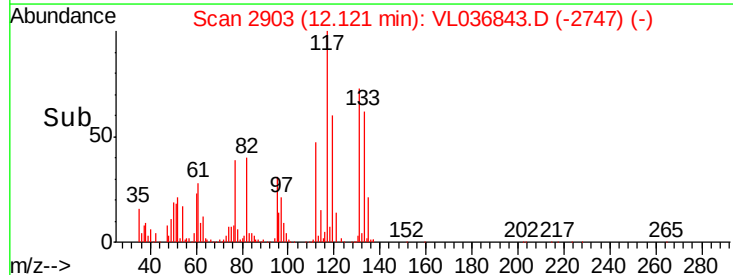
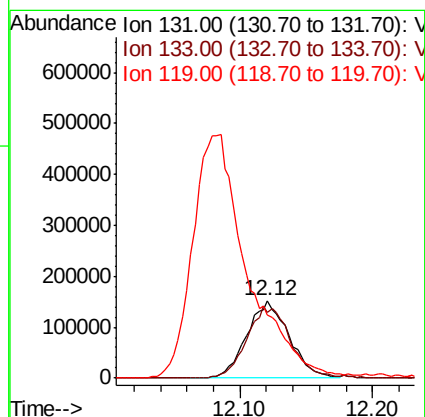
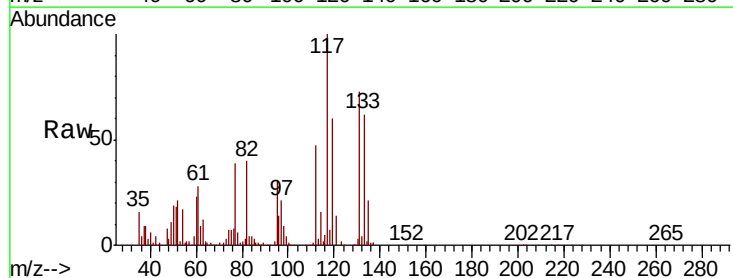
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 2:00

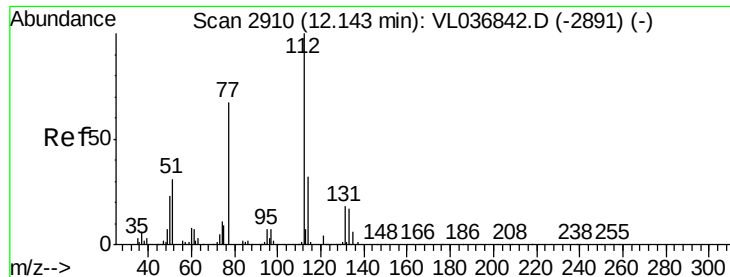
Tot Ion:117 Resp: 3738847
 Ion Ratio Lower Upper
 117 100
 82 64.0 53.4 80.2
 119 37.2 44.9 67.3#



#56
 1,1,1,2-Tetrachloroethane
 Concen: 2.018 ppbv
 RT: 12.12 min Scan# 2903
 Delta R.T.: 0.00 min
 Lab File: VL036843.D
 Acq: 27 Apr 2021 2:06

Tgt Ion:131 Resp: 335306
 Ion Ratio Lower Upper
 131 100
 133 96.8 76.2 114.4
 119 414.8 114.6 171.8#





#57

Chlorobenzene

Concen: 2.012 ppbv

RT: 12.14 min

Delta R.T. MSVOA_L

Lab File:

Acq: 27 Apr 2021 2:00

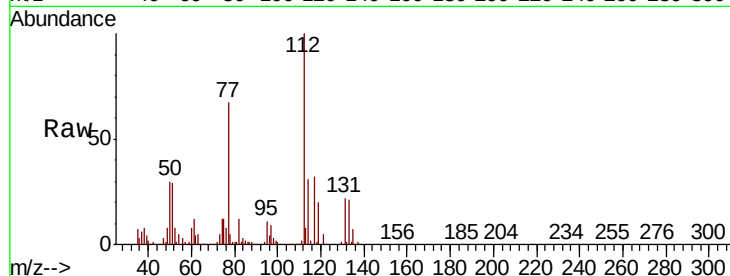
Tot Ion: 112 Resp: 631745

Ion Ratio Lower Upper

112 100

77 65.5 54.2 81.4

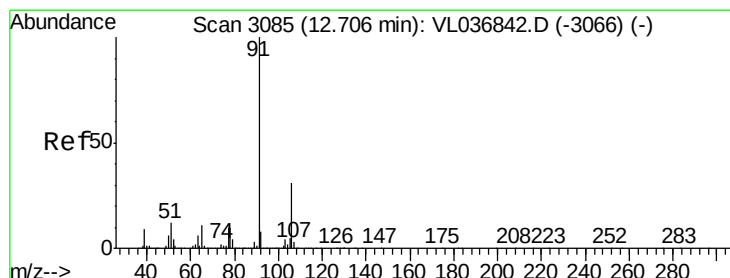
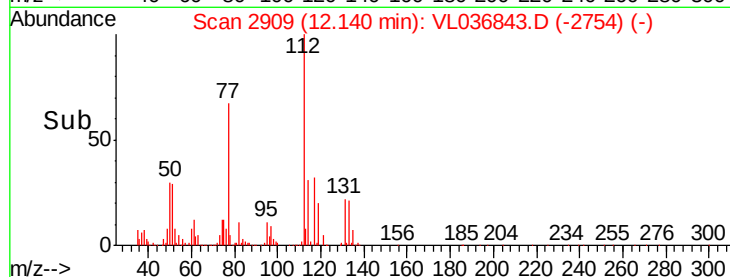
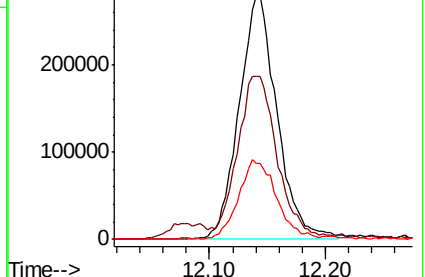
114 30.4 28.5 34.9



Abundance Ion 112.10 (111.80 to 112.80): VL036842.D (-2891) (-)

Ion 77.10 (76.80 to 77.80): VL036842.D (-2891) (-)

Ion 114.10 (113.80 to 114.80): VL036842.D (-2891) (-)



#58

Ethyl Benzene

Concen: 1.989 ppbv

RT: 12.70 min Scan# 3084

Delta R.T. -0.00 min

Lab File: VL036843.D

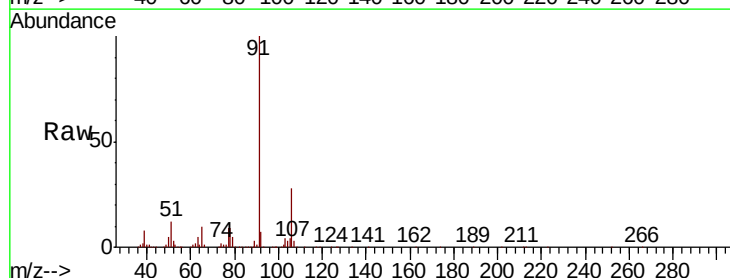
Acq: 27 Apr 2021 2:06

Tgt Ion: 91 Resp: 1061231

Ion Ratio Lower Upper

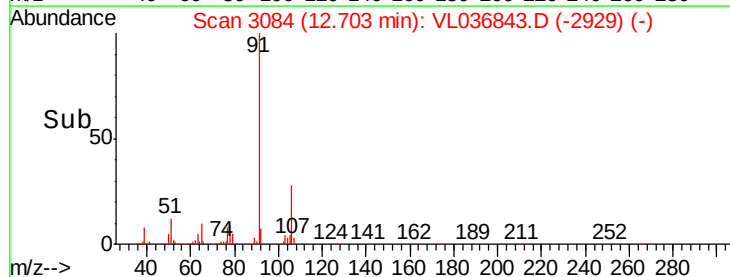
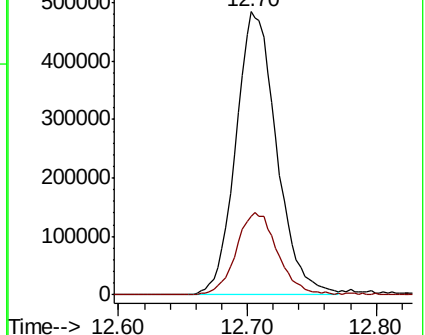
91 100

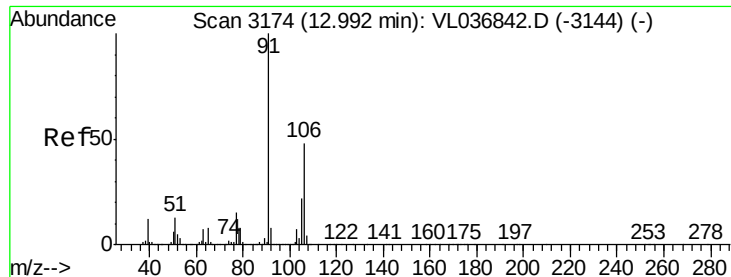
106 27.8 25.1 37.7



Abundance Ion 91.10 (90.80 to 91.80): VL036842.D (-3066) (-)

Ion 106.10 (105.80 to 106.80): VL036842.D (-3066) (-)





#59

m/p-Xylene

Concen: 1.683 ppbv

RT: 12.99 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

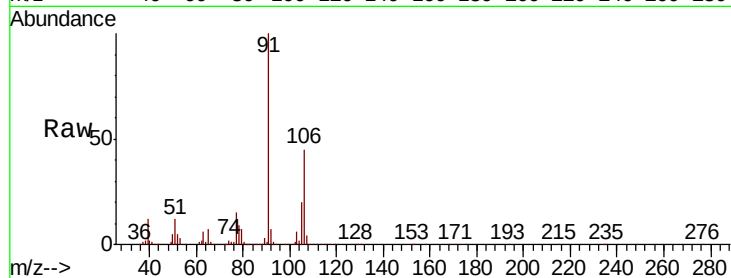
Acq: 27 Apr 2021 2:00

Tot Ion: 91 Resp: 785010

Ion Ratio Lower Upper

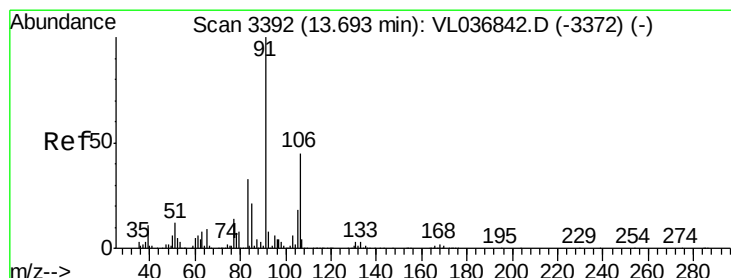
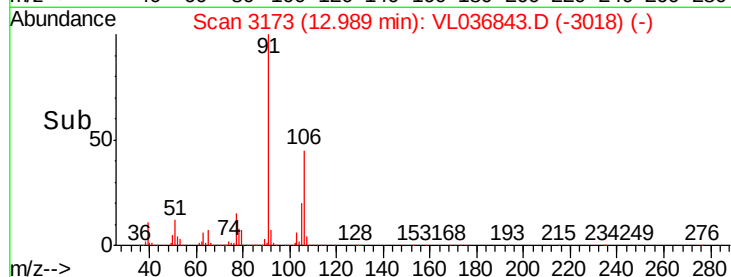
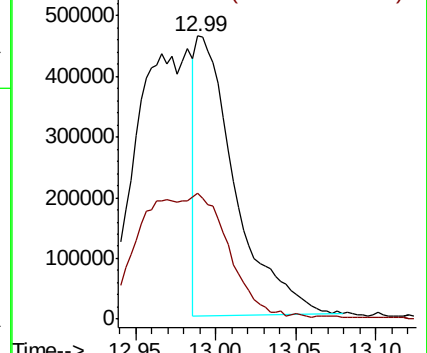
91 100

106 104.3 35.7 53.5#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#60

o-Xylene

Concen: 1.995 ppbv

RT: 13.69 min Scan# 3390

Delta R.T. -0.01 min

Lab File: VL036843.D

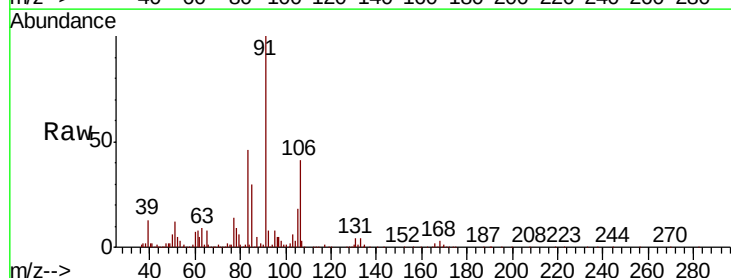
Acq: 27 Apr 2021 2:06

Tgt Ion: 91 Resp: 900208

Ion Ratio Lower Upper

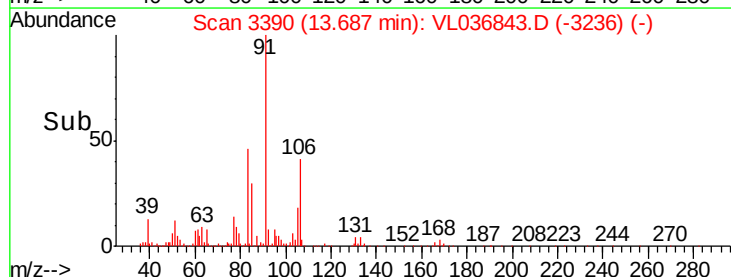
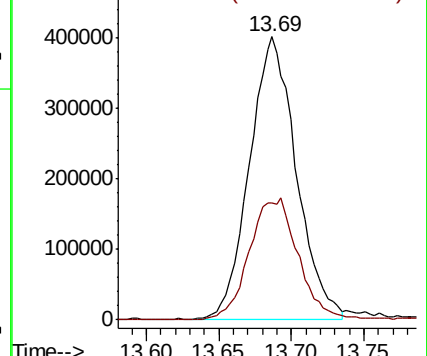
91 100

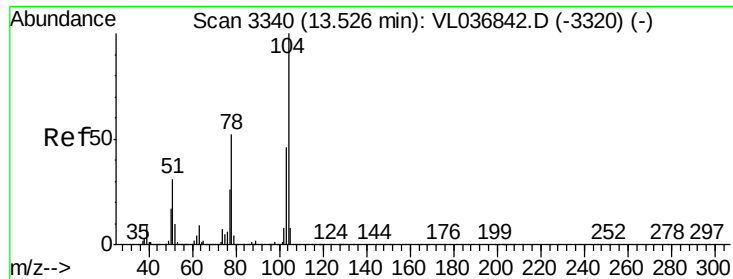
106 45.9 22.6 67.8



Abundance Ion 91.10 (90.80 to 91.80): VL0

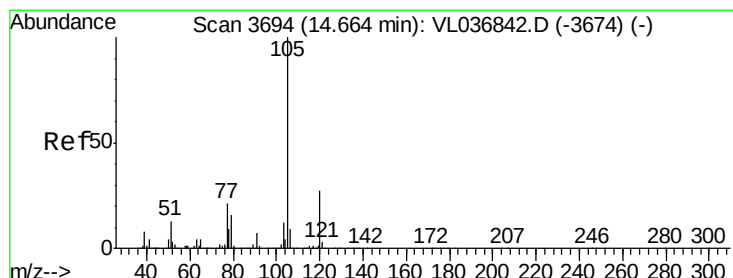
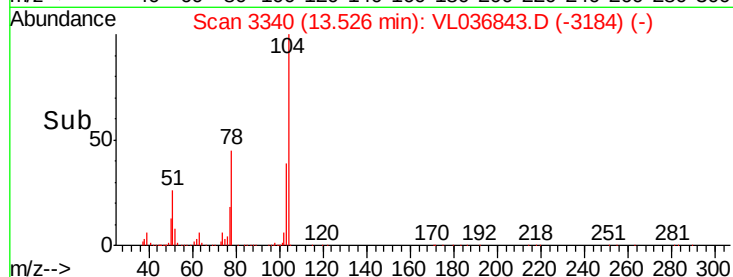
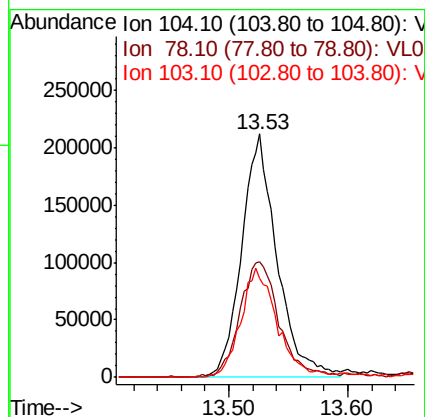
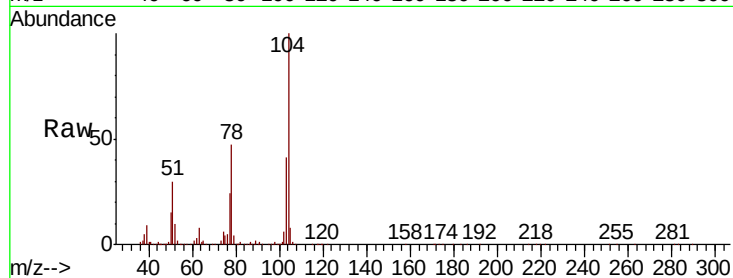
Ion 106.10 (105.80 to 106.80): V





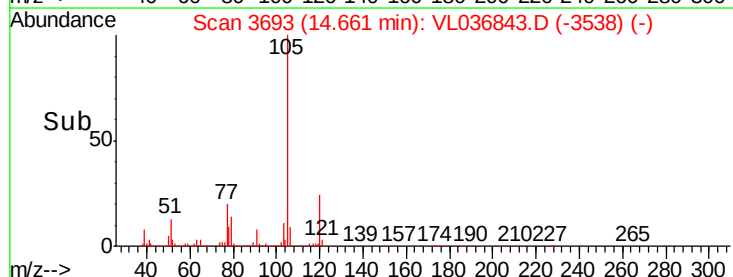
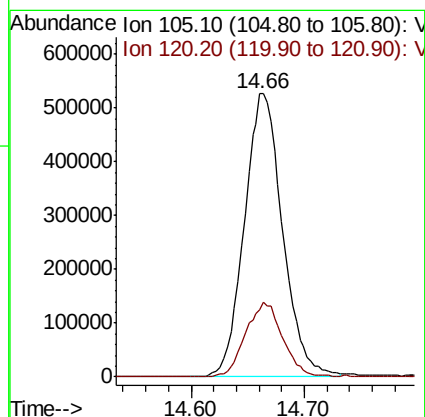
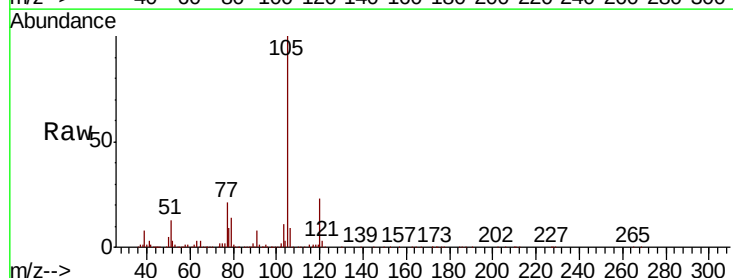
#61
Stvrene
Concen: 1.939 ppbv
RT: 13.53
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Apr 2021 2:00

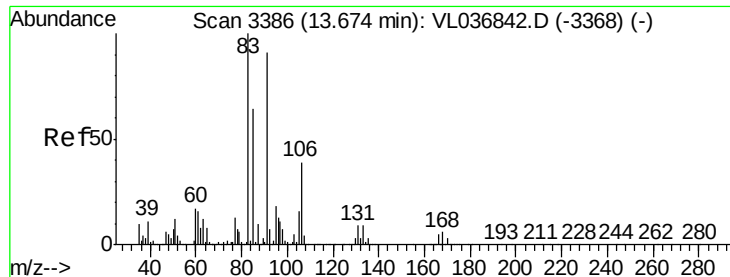
Tot Ion	Ratio	Lower	Upper
104	100		
78	54.1	42.6	64.0
103	47.3	38.1	57.1



#62
Isopropylbenzene
Concen: 2.038 ppbv
RT: 14.66 min Scan# 3693
Delta R.T.: -0.00 min
Lab File: VL036843.D
Acq: 27 Apr 2021 2:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.0	21.1	31.7





#63

1,1,2,2-Tetrachloroethane

Concen: 1.987 ppbv

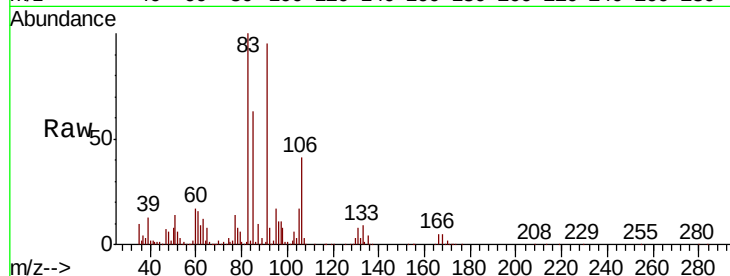
RT: 13.67 min

Delta R.T. 0.00 min

Lab File: VL036842.D

Acq: 27 Apr 2021 2:00

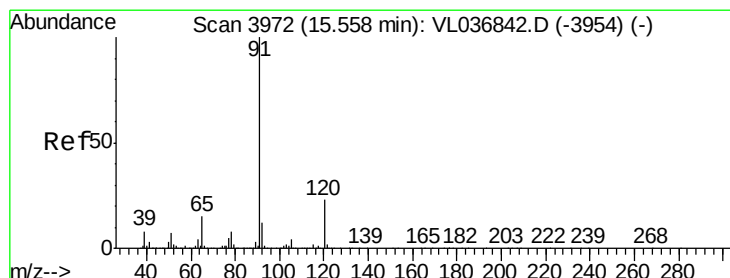
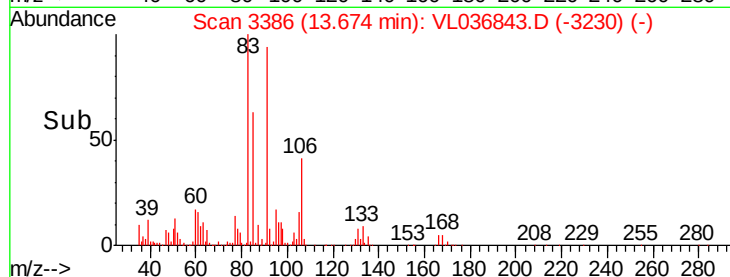
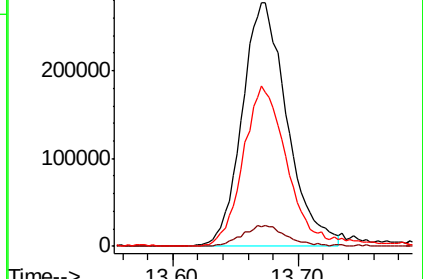
Tot Ion:	83	Resp:	690543
Ion	Ratio	Lower	Upper
83	100		
131	8.9	4.8	14.3
85	66.0	32.8	98.4



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: 2.080 ppbv

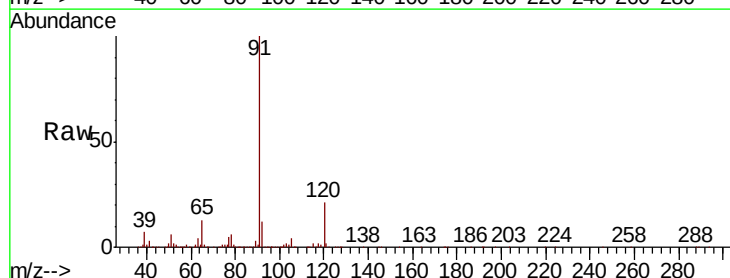
RT: 15.56 min Scan# 3972

Delta R.T. 0.00 min

Lab File: VL036843.D

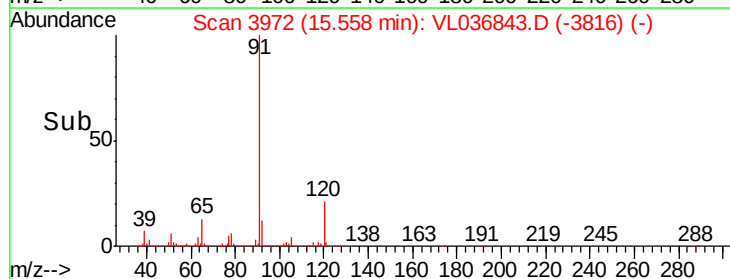
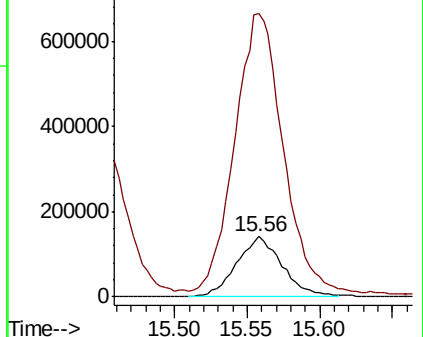
Acq: 27 Apr 2021 2:06

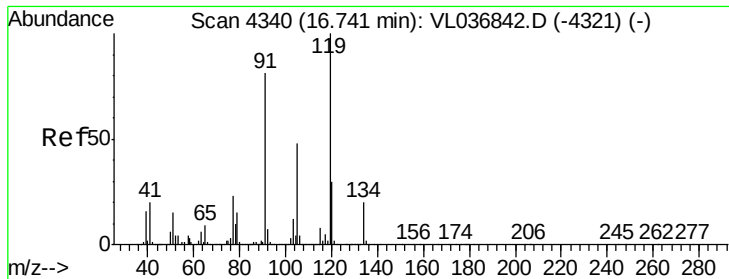
Tgt Ion:	120	Resp:	309804
Ion	Ratio	Lower	Upper
120	100		
91	519.3	378.6	567.8



Abundance Ion 120.20 (119.90 to 120.90): VL0

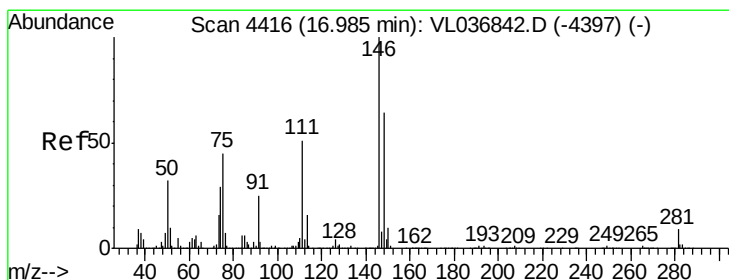
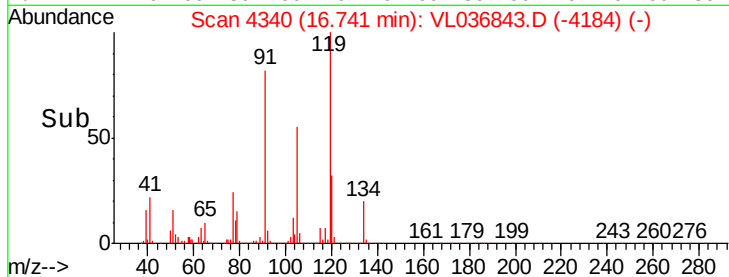
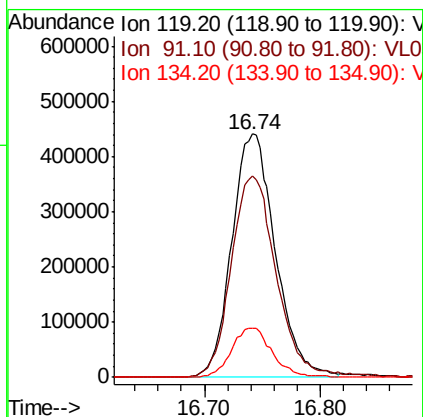
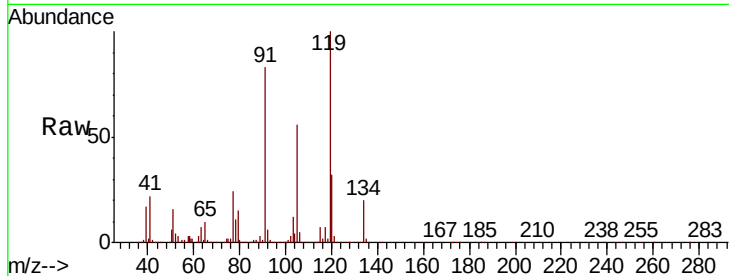
Ion 91.10 (90.80 to 91.80): VL0





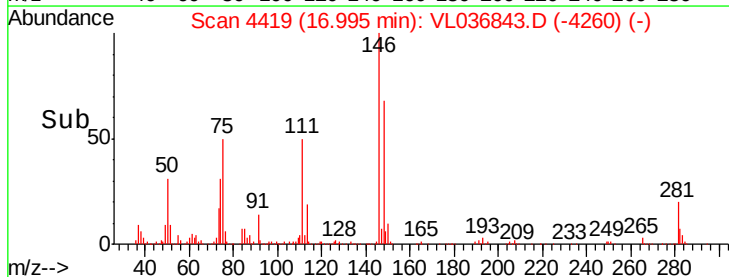
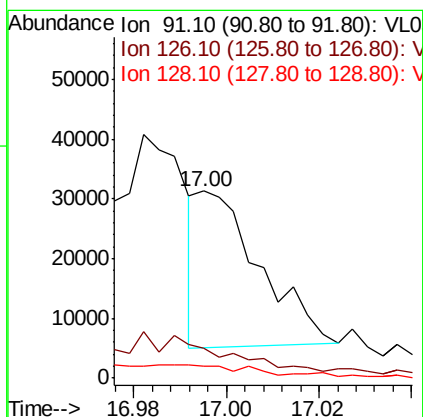
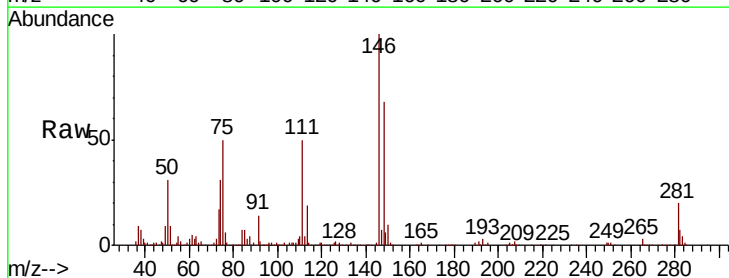
#65
 tert-Butylbenzene
 Concen: 2.152 ppbv
 RT: 16.74 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 2:00

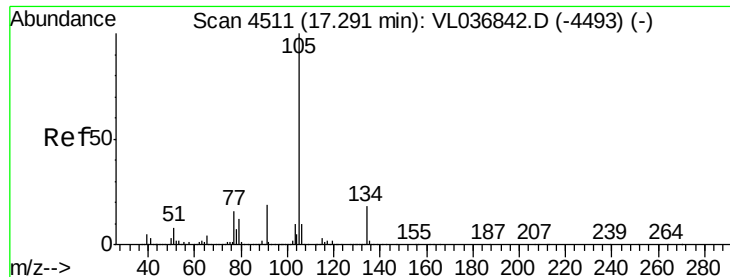
Tot Ion: 119 Resp: 1140158
 Ion Ratio Lower Upper
 119 100
 91 86.2 66.9 100.3
 134 19.3 15.7 23.5



#66
 Benzyl Chloride
 Concen: 0.425 ppbv
 RT: 17.00 min Scan# 4419
 Delta R.T.: 0.01 min
 Lab File: VL036843.D
 Acq: 27 Apr 2021 2:06

Tgt Ion: 91 Resp: 24089
 Ion Ratio Lower Upper
 91 100
 126 0.0 14.1 21.1#
 128 27.6 4.8 7.2#





#67

sec-Butylbenzene

Concen: 2.130 ppbv

RT: 17.29 min

Delta R.T. MSVOA_L

Lab File:

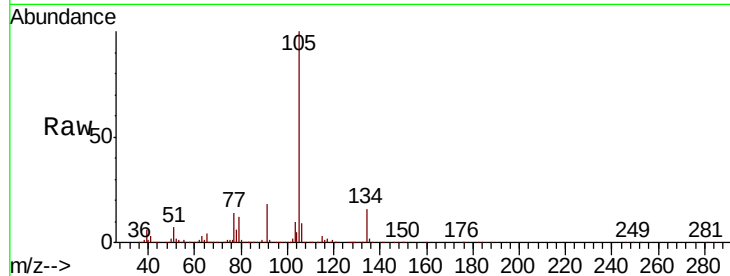
Acq: 27 Apr 2021 2:00

Tot Ion: 105 Resp: 1592543

Ion Ratio Lower Upper

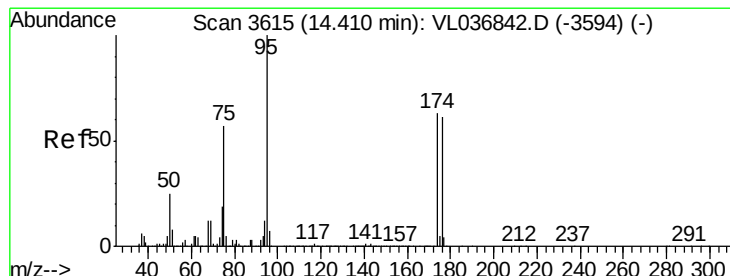
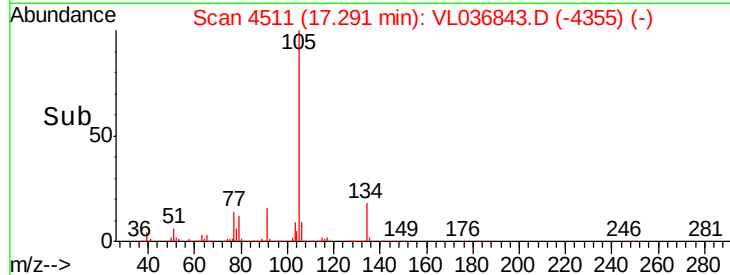
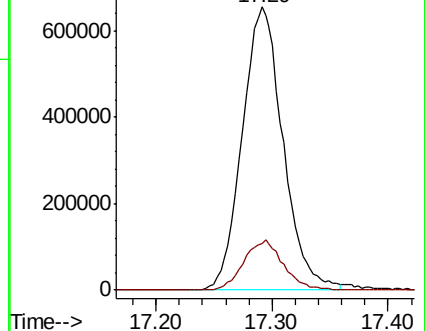
105 100

134 17.6 14.8 22.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 9.825 ppbv

RT: 14.41 min Scan# 3615

Delta R.T. 0.00 min

Lab File: VL036843.D

Acq: 27 Apr 2021 2:06

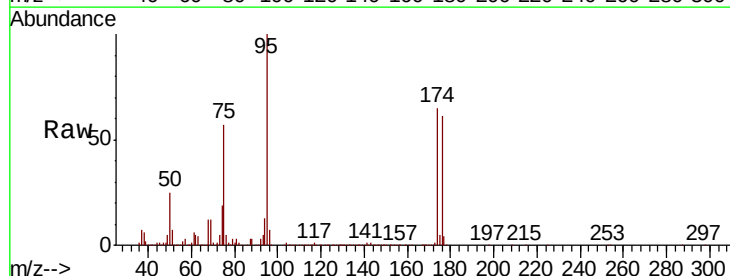
Tgt Ion: 95 Resp: 2913277

Ion Ratio Lower Upper

95 100

174 65.1 52.4 78.6

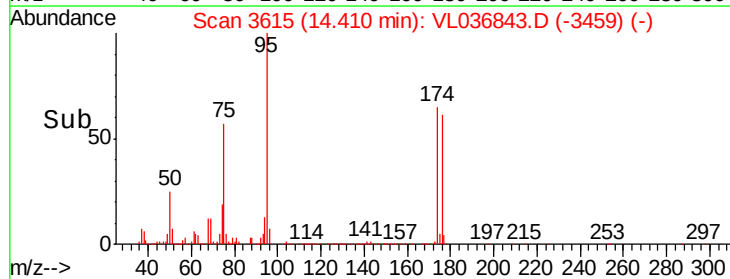
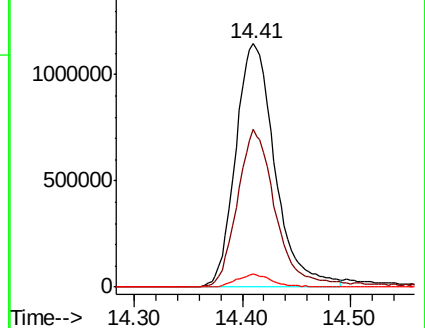
175 4.9 3.9 5.9

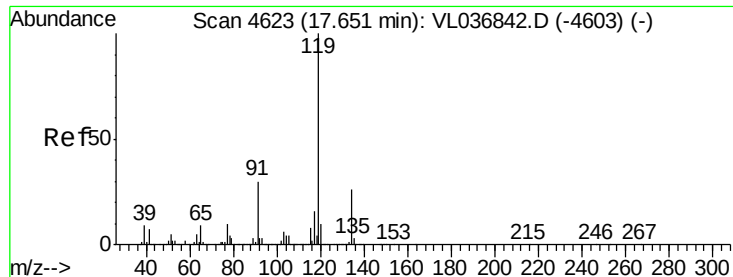


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

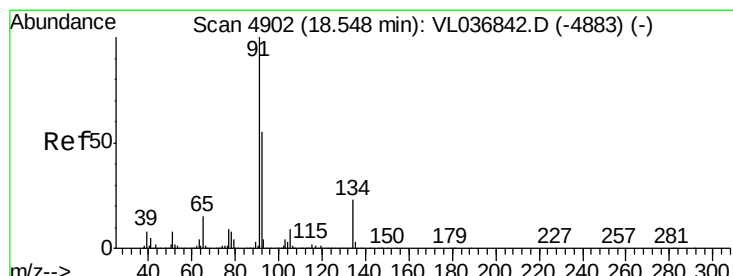
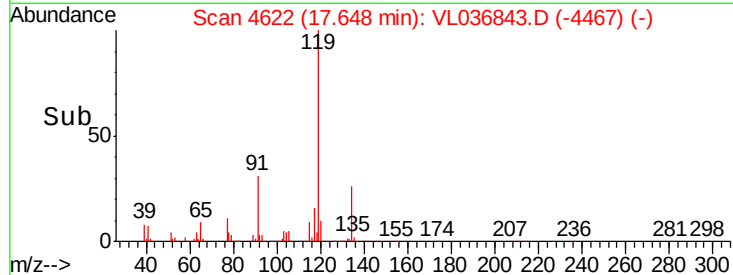
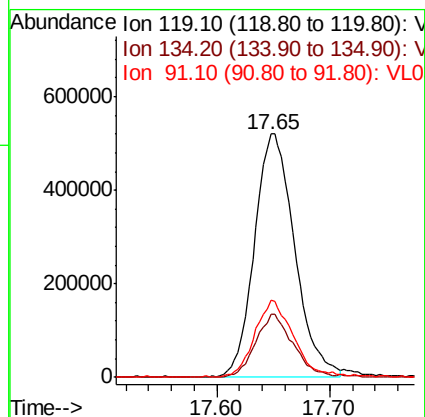
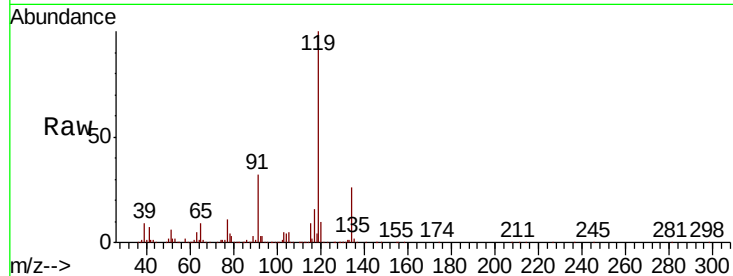
Ion 175.00 (174.70 to 175.70): V





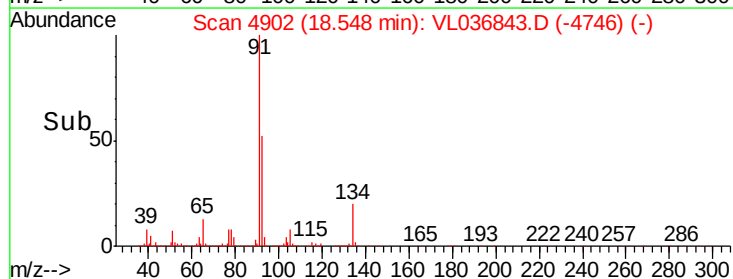
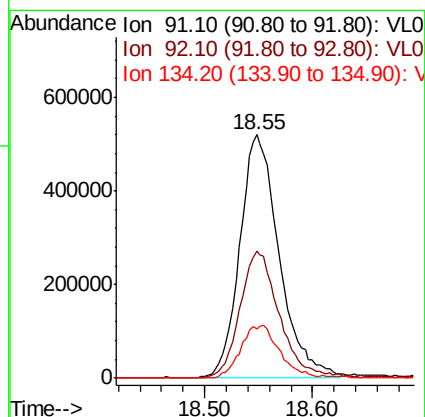
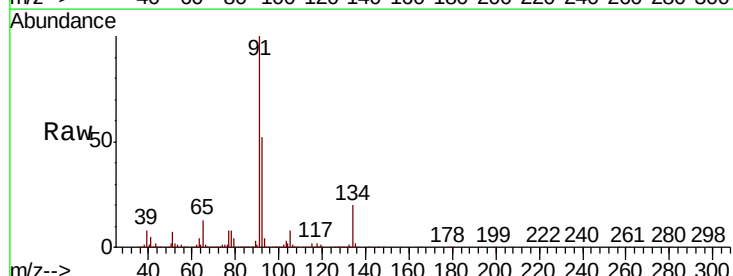
#69
 p-Isopropyltoluene
 Concen: 2.194 ppbv
 RT: 17.65 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 2:00

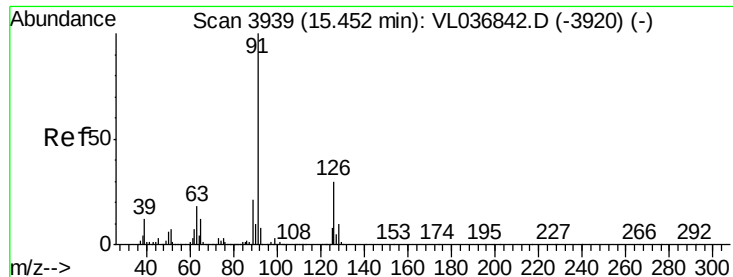
Tot Ion:	119	Resp:	1284147
Ion	Ratio	Lower	Upper
119	100		
134	24.8	20.6	30.8
91	30.9	24.4	36.6



#70
 n-Butylbenzene
 Concen: 2.175 ppbv
 RT: 18.55 min Scan# 4902
 Delta R.T.: 0.00 min
 Lab File: VL036843.D
 Acq: 27 Apr 2021 2:06

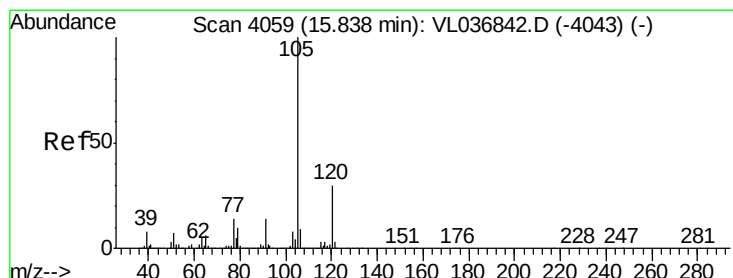
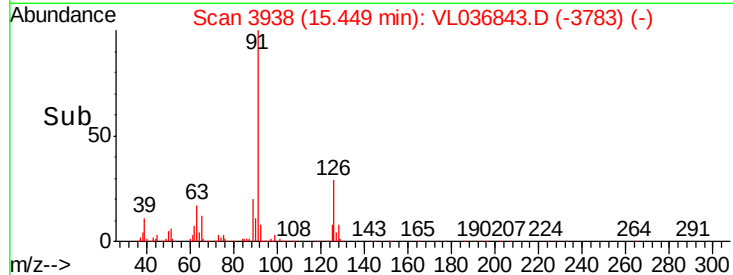
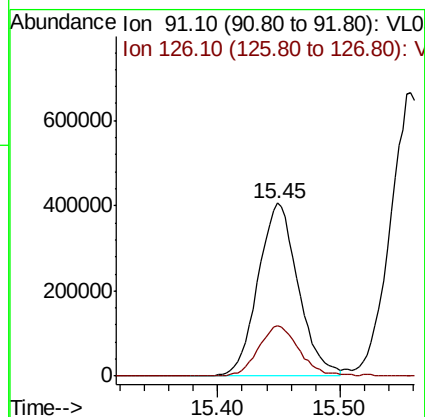
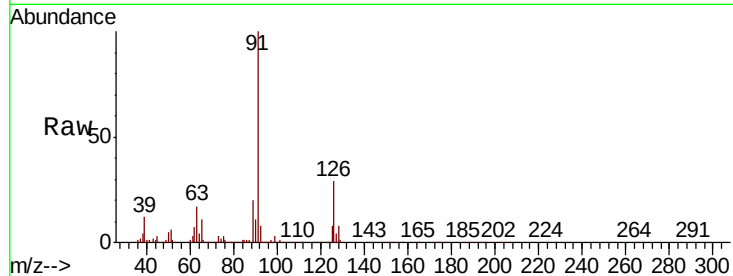
Tgt Ion:	91	Resp:	1319031
Ion	Ratio	Lower	Upper
91	100		
92	52.5	43.6	65.4
134	21.8	18.2	27.4





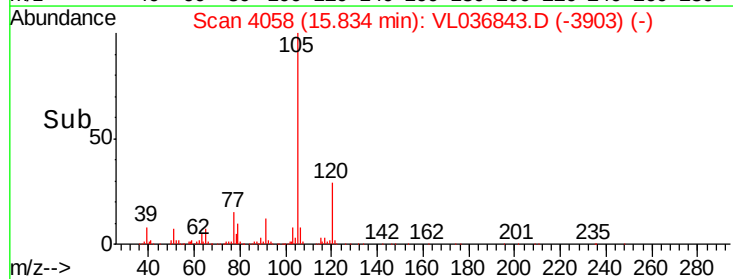
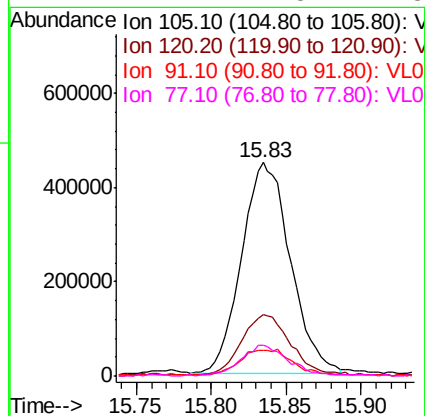
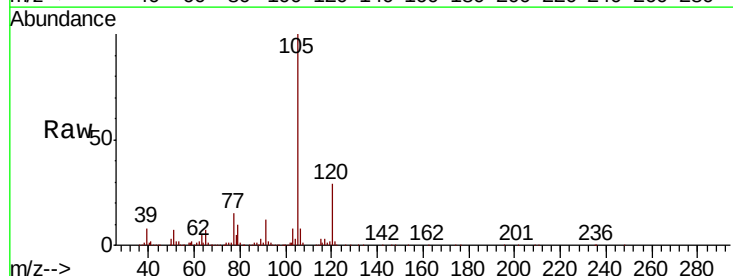
#71
 2-Chlorotoluene
 Concen: 2.030 ppbv
 RT: 15.45 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 2:00

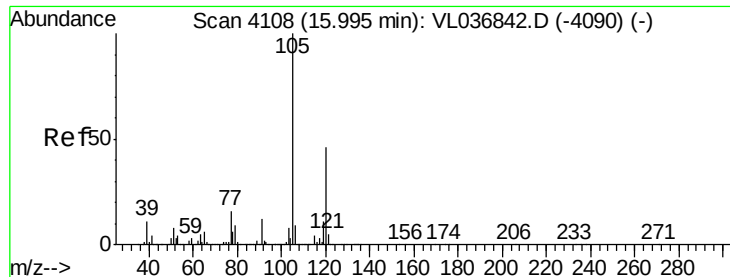
Tot Ion	Ratio	Lower	Upper
91	100		
126	30.4	12.3	49.3



#72
 4-Ethyltoluene
 Concen: 2.033 ppbv
 RT: 15.83 min Scan# 4058
 Delta R.T. -0.00 min
 Lab File: VL036843.D
 Acq: 27 Apr 2021 2:06

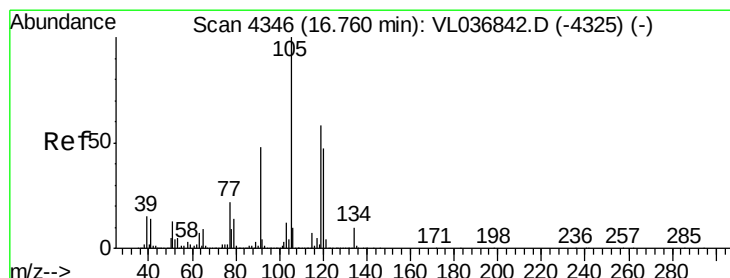
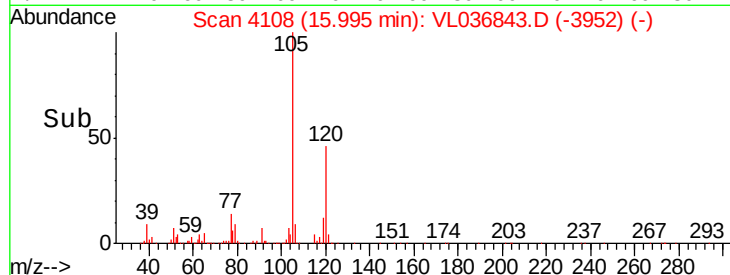
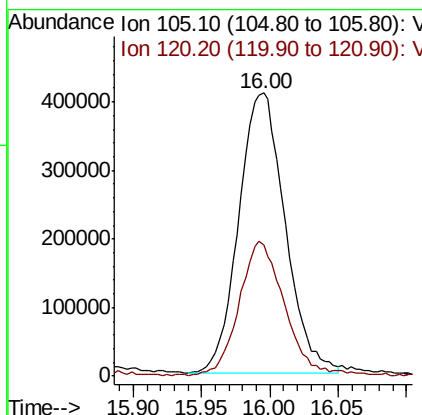
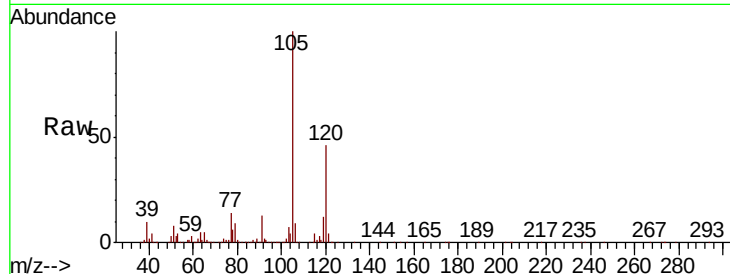
Tgt Ion	Ratio	Lower	Upper
105	100		
120	29.4	23.8	35.6
91	13.8	10.7	16.1
77	14.7	11.5	17.3





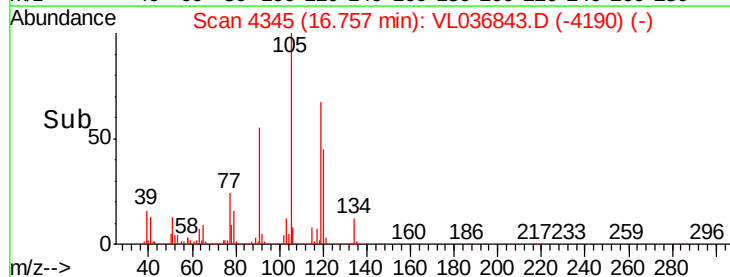
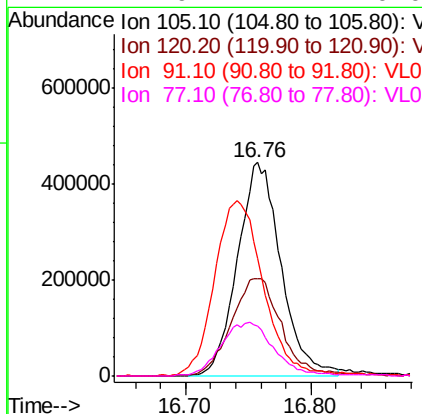
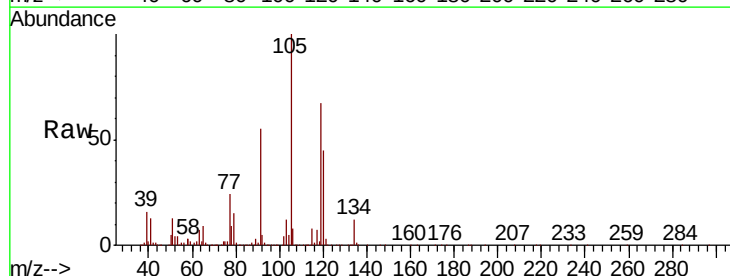
#73
 1,3,5-Trimethylbenzene
 Concen: 2.085 ppbv
 RT: 16.00 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 2:00

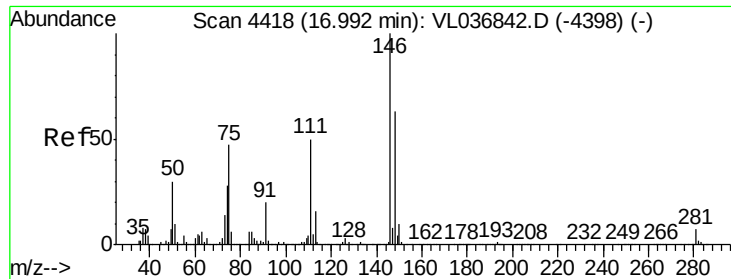
Tot Ion:105 Resp: 966771
 Ion Ratio Lower Upper
 105 100
 120 46.4 36.8 55.2



#74
 1,2,4-Trimethylbenzene
 Concen: 2.141 ppbv
 RT: 16.76 min Scan# 4345
 Delta R.T. -0.00 min
 Lab File: VL036843.D
 Acq: 27 Apr 2021 2:06

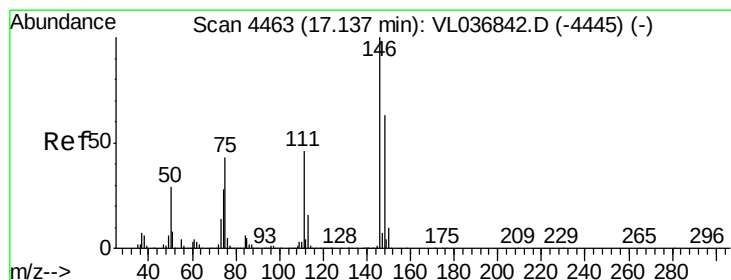
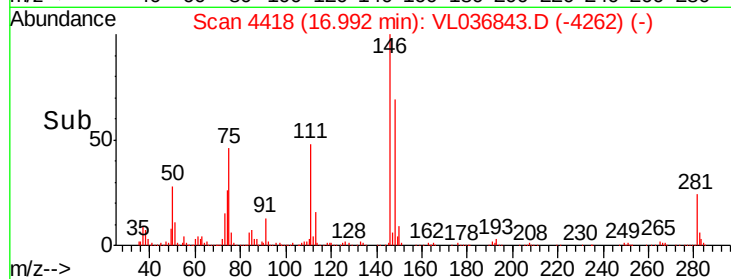
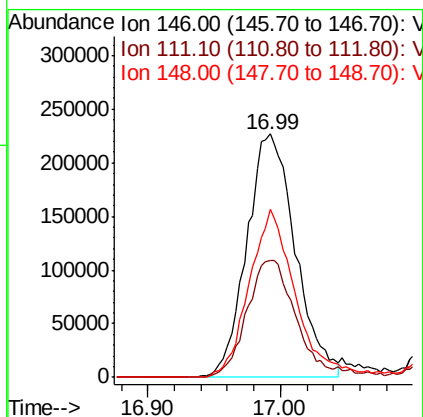
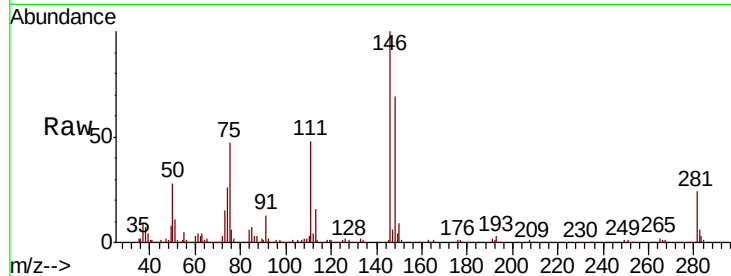
Tgt Ion:105 Resp: 1066150
 Ion Ratio Lower Upper
 105 100
 120 44.5 37.6 56.4
 91 54.3 39.0 58.4
 77 22.9 17.4 26.0





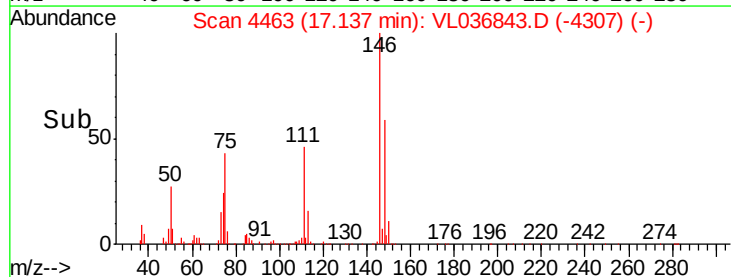
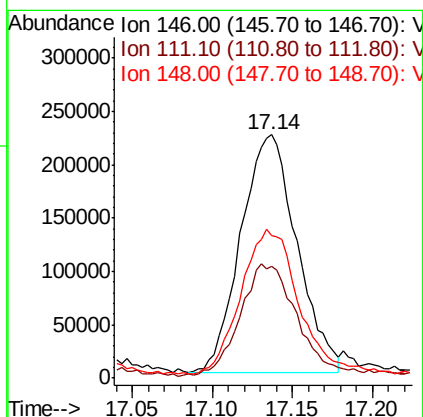
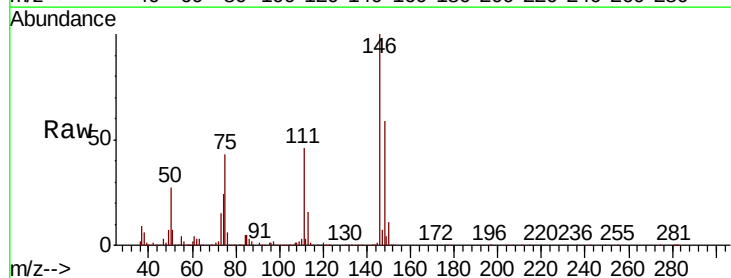
#75
 1,3-Dichlorobenzene
 Concen: 2.067 ppbv
 RT: 16.99 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 2:00

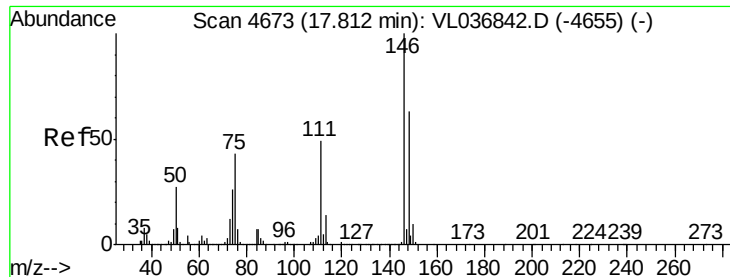
Tot Ion	Ratio	Lower	Upper
146	100		
111	49.5	24.2	72.6
148	66.4	32.1	96.3



#76
 1,4-Dichlorobenzene
 Concen: 1.942 ppbv
 RT: 17.14 min Scan# 4463
 Delta R.T. 0.00 min
 Lab File: VL036843.D
 Acq: 27 Apr 2021 2:06

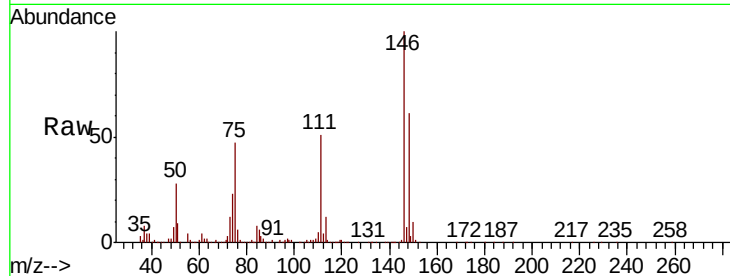
Tgt Ion	Ratio	Lower	Upper
146	100		
111	52.1	24.0	72.0
148	68.8	32.8	98.3





#77
 1,2-Dichlorobenzene
 Concen: 2.129 ppbv
 RT: 17.82 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 2:00

Tot Ion	Ratio	Lower	Upper
146	100		
111	52.2	25.1	75.2
148	67.2	32.0	96.2

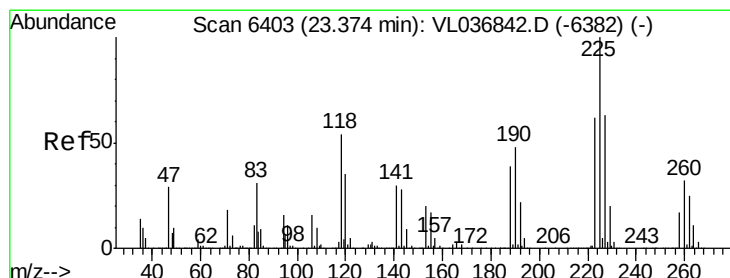
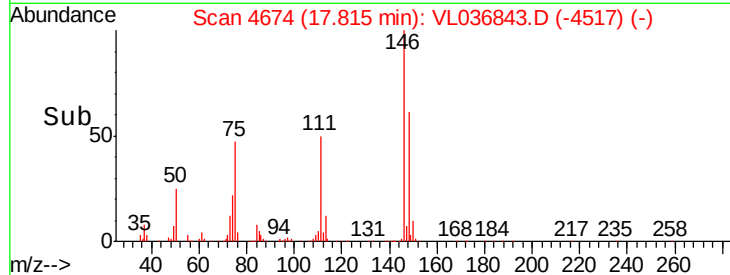
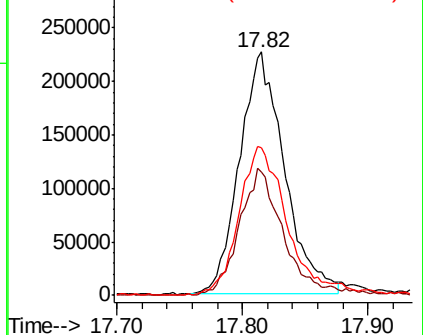


Abundance

Ion 146.00 (145.70 to 146.70): V

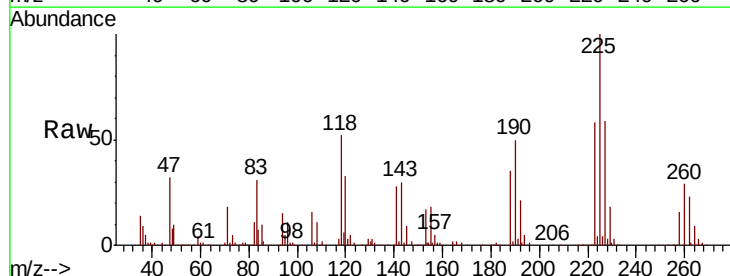
Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#78
 Hexachloro-1,3-Butadiene
 Concen: 2.090 ppbv
 RT: 23.37 min Scan# 6402
 Delta R.T.: -0.00 min
 Lab File: VL036843.D
 Acq: 27 Apr 2021 2:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	51.0	76.6
227	67.9	51.9	77.9

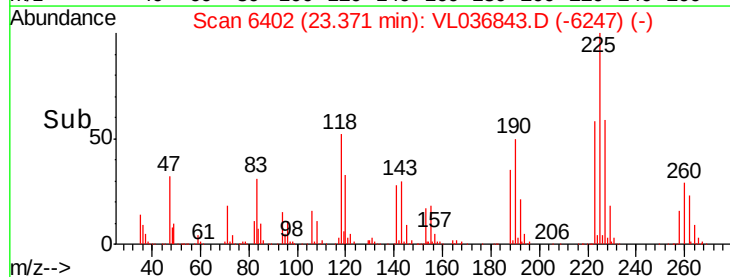
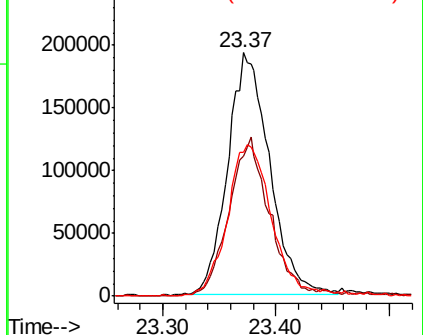


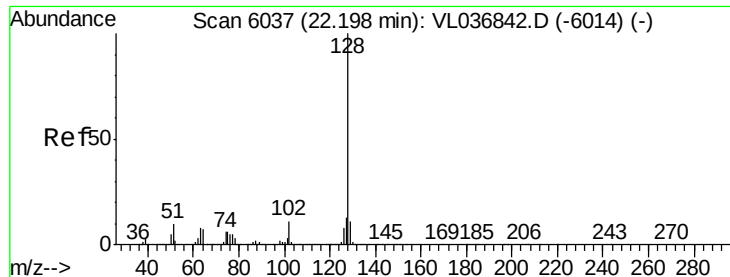
Abundance

Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V





#79

Naphthalene

Concen: 0.925 ppbv

RT: 22.20 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 2:00

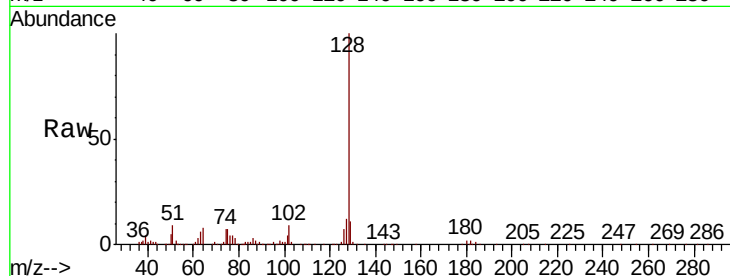
Tot Ion:128 Resp: 264771

Ion Ratio Lower Upper

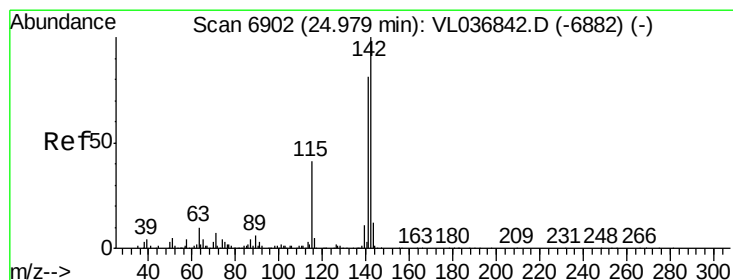
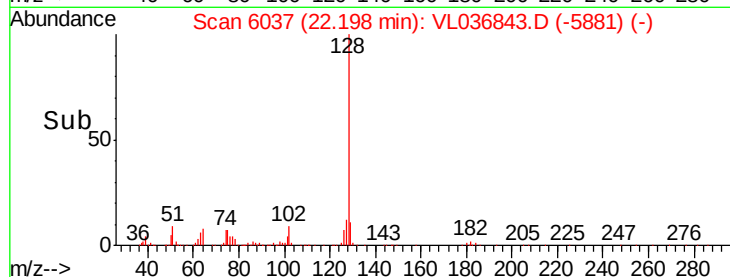
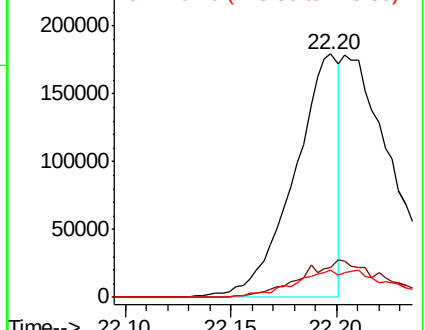
128 100

127 12.1 10.6 15.8

129 11.1 9.0 13.4



Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 0.707 ppbv

RT: 25.00 min Scan# 6908

Delta R.T. 0.02 min

Lab File: VL036843.D

Acq: 27 Apr 2021 2:06

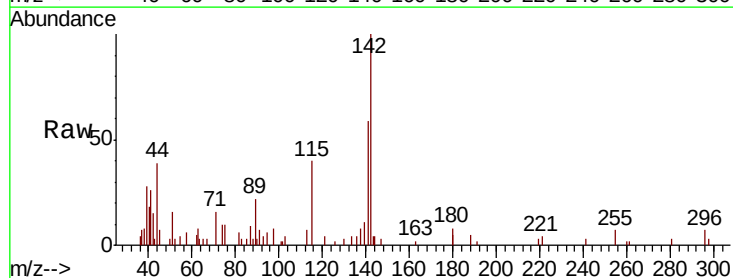
Tgt Ion:142 Resp: 34088

Ion Ratio Lower Upper

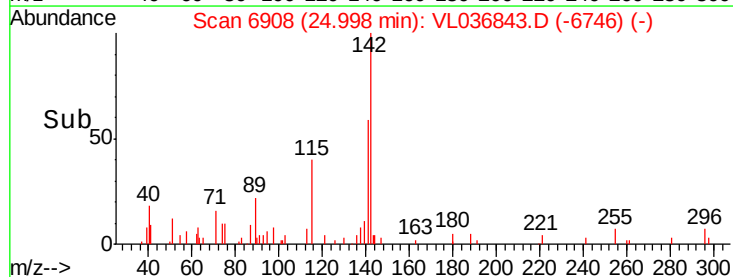
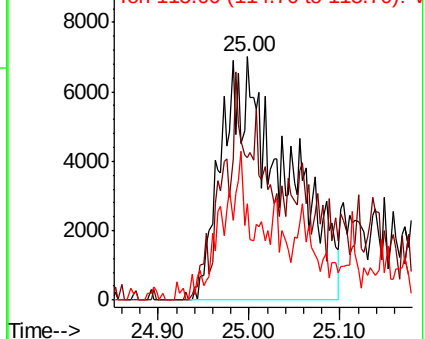
142 100

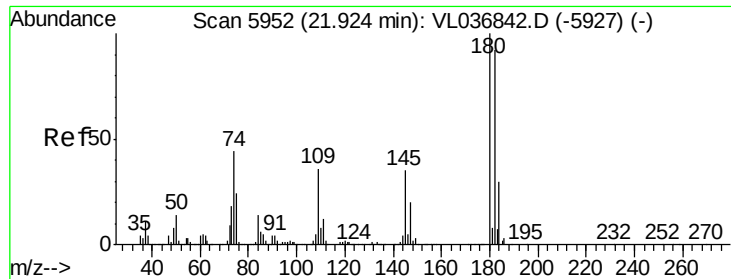
141 57.3 67.8 101.8#

115 30.1 32.1 48.1#



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: 0.942 ppbv
 RT: 21.92
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 2:00

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	79.9	119.9#
184	0.0	25.1	37.7#

