

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032521\
 Data File : VL036476.D
 Acq On : 25 Mar 2021 5:51
 Operator :
 Sample : VSTDICC015
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 25 07:56:14 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 07:52:30 2021
 QLast Update : Thu Mar 25 07:52:30 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1540499	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3801321	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3679064	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2975158	9.84	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.40%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.04	85	2896959	13.015	ppbv 96
3) Chlorodifluoromethane	2.99	51	3937238	19.584	ppbv 99
4) Chloromethane	3.13	50	1451901	16.326	ppbv 99
5) Vinyl Chloride	3.26	62	1473539	17.516	ppbv 99
6) Bromomethane	3.47	94	863186	16.551	ppbv 100
7) Chloroethane	3.56	64	528467	16.818	ppbv 96
8) Dichlorotetrafluoroethane	3.19	85	3138267	14.572	ppbv 100
9) Propene	3.01	41	1354570	16.550	ppbv 99
10) Heptane	8.13	43	3457259	17.093	ppbv 100
11) Trichlorofluoromethane	3.95	101	3573453	15.809	ppbv 97
12) 1,1,2-Trichlorotrifluoroet	4.48	101	2316133	15.962	ppbv 99
13) Ethanol	3.61	45	55980	4.769	ppbv # 9
14) Bromoethene	3.74	108	975650	16.229	ppbv 97
15) Acetone	3.85	43	2047285	11.912	ppbv 99
16) 1,3-Butadiene	3.32	39	1535467	17.236	ppbv 99
17) tert-Butyl alcohol	4.29	59	1648002	11.973	ppbv 100
18) 1,1-Dichloroethene	4.29	96	1031858	15.912	ppbv 90
19) Isopropyl Alcohol	3.97	45	1042366	10.866	ppbv 99
20) Methylene Chloride	4.34	84	916294	14.820	ppbv 94
21) Allyl Chloride	4.41	41	1800803	17.371	ppbv 97
22) trans-1,2-Dichloroethene	4.89	96	1011190	17.109	ppbv 94
23) Vinyl Acetate	5.08	43	3830719	18.313	ppbv 99
24) 1,1-Dichloroethane	5.01	63	2705796	16.594	ppbv # 97
25) Ethyl Acetate	5.68	43	5071768	14.729	ppbv 100
26) Hexane	5.69	57	2376395	16.345	ppbv 99
27) Carbon Disulfide	4.55	76	2676771	18.697	ppbv 99
28) Methyl tert-Butyl Ether	5.03	73	2801289	14.731	ppbv 99
29) Chloroform	5.75	83	3765021	15.966	ppbv 98
30) Cyclohexane	7.13	84	2043169	16.994	ppbv 99
31) cis-1,2-Dichloroethene	5.55	61	2448857	17.391	ppbv 95
32) 1,1,1-Trichloroethane	6.51	97	3759274	15.912	ppbv 98
34) 2-Butanone	5.25	43	2690462	12.120	ppbv 100
35) Carbon Tetrachloride	7.02	117	3988217	15.947	ppbv 99
36) Benzene	6.89	78	4937730	16.306	ppbv 97
37) 1,2-Dichloroethane	6.31	62	2951047	15.599	ppbv 99
38) Trichloroethene	7.84	130	1761169	15.497	ppbv 99
39) 1,2-Dichloropropane	7.62	63	2003676	15.501	ppbv 98
40) 1,4-Dioxane	7.83	88	396430	10.037	ppbv 77
41) Tetrahydrofuran	6.05	42	1299478	11.034	ppbv 96
42) Bromodichloromethane	7.80	83	4032871	15.773	ppbv 98
43) Methyl Methacrylate	8.02	69	1874089	15.823	ppbv 99

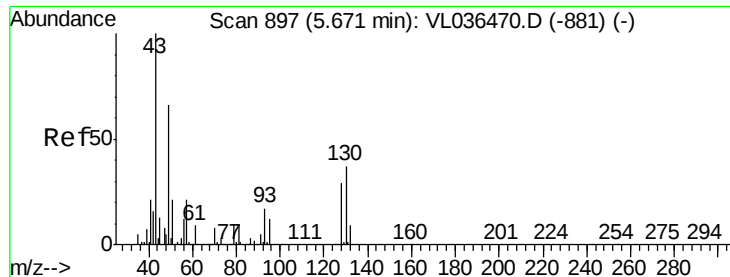
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032521\
 Data File : VL036476.D
 Acq On : 25 Mar 2021 5:51
 Operator :
 Sample : VSTDIC015
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 25 07:56:14 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 07:52:30 2021
 QLast Update : Thu Mar 25 07:52:30 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	7995460	14.573	ppbv	98
45) t-1,3-Dichloropropene	9.28	75	2307361	19.497	ppbv	98
46) cis-1,3-Dichloropropene	8.71	75	2800461	18.119	ppbv	98
47) 1,1,2-Trichloroethane	9.48	97	2014680	15.758	ppbv	97
48) Dibromochloromethane	10.31	129	3386741	17.447	ppbv	99
49) Bromoform	13.05	173	2789137	17.607	ppbv	98
50) 4-Methyl-2-Pentanone	8.74	43	4083230	12.767	ppbv	100
51) 2-Hexanone	10.14	43	2380402	10.481	ppbv #	99
52) Tetrachloroethene	11.23	164	1688585	14.962	ppbv	99
53) Toluene	9.81	91	5522662	16.917	ppbv	99
54) 1,2-Dibromoethane	10.62	107	2971083	16.155	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.13	131	2217988	13.485	ppbv #	70
57) Chlorobenzene	12.16	112	3997133	14.599	ppbv	99
58) Ethyl Benzene	12.72	91	7262014	15.386	ppbv	96
59) m/p-Xylene	13.01	91	6633291	15.989	ppbv #	40
60) o-Xylene	13.70	91	5712345	14.336	ppbv	98
61) Styrene	13.54	104	3655975	15.600	ppbv	99
62) Isopropylbenzene	14.68	105	7808558	13.234	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.69	83	4142424	13.441	ppbv	100
64) n-propylbenzene	15.57	120	2119441	14.426	ppbv	89
65) tert-Butylbenzene	16.75	119	6728894	13.115	ppbv	100
66) Benzyl Chloride	17.00	91	986011	8.217	ppbv	99
67) sec-Butylbenzene	17.30	105	9273582	12.962	ppbv	97
69) p-Isopropyltoluene	17.66	119	7777622	13.585	ppbv	99
70) n-Butylbenzene	18.56	91	7961471	13.465	ppbv	98
71) 2-Chlorotoluene	15.46	91	6108543	13.816	ppbv	98
72) 4-Ethyltoluene	15.85	105	6825861	15.735	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	6272736	15.007	ppbv	99
74) 1,2,4-Trimethylbenzene	16.77	105	6261614	14.116	ppbv	97
75) 1,3-Dichlorobenzene	17.01	146	3726042	15.011	ppbv	100
76) 1,4-Dichlorobenzene	17.15	146	3658775	14.768	ppbv	100
77) 1,2-Dichlorobenzene	17.83	146	3561413	14.751	ppbv	99
78) Hexachloro-1,3-Butadiene	23.38	225	2754550	14.059	ppbv	100
79) Naphthalene	22.20	128	5117418	19.375	ppbv	99
80) Naphthalene, 2-methyl-	24.98	142	1719558	30.592	ppbv	98
81) 1,2,4-Trichlorobenzene	21.94	180	2778205	17.999	ppbv	98

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 5:51

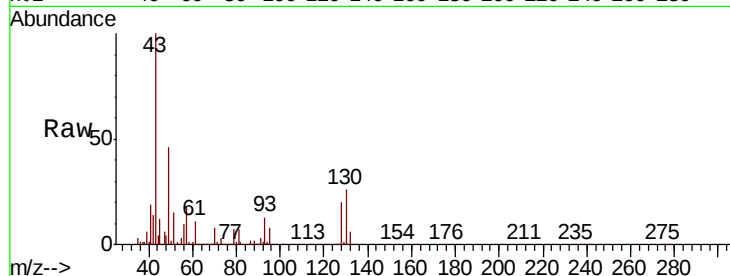
Tot Ion: 49 Resp: 1540499

Ion Ratio Lower Upper

49 100

128 47.9 23.6 70.8

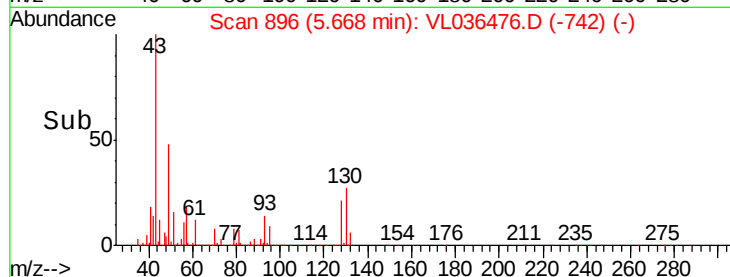
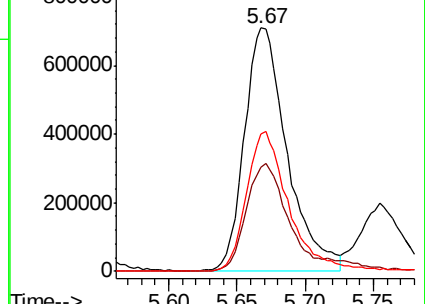
130 57.9 29.3 87.8



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: 13.015 ppbv

RT: 3.04 min Scan# 80

Delta R.T. -0.00 min

Lab File: VL036476.D

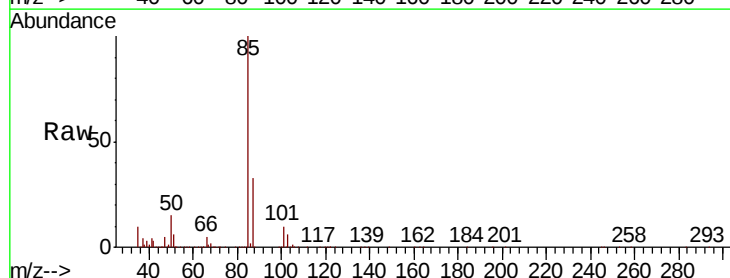
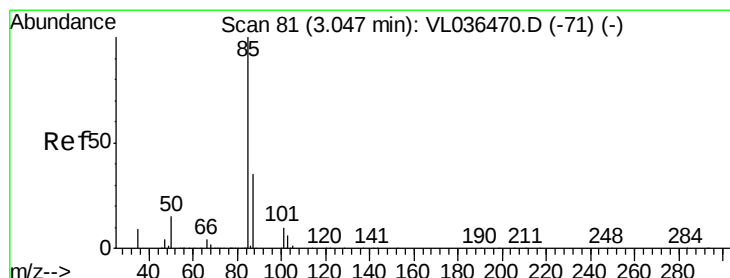
Acq: 25 Mar 2021 5:51

Tgt Ion: 85 Resp: 2896959

Ion Ratio Lower Upper

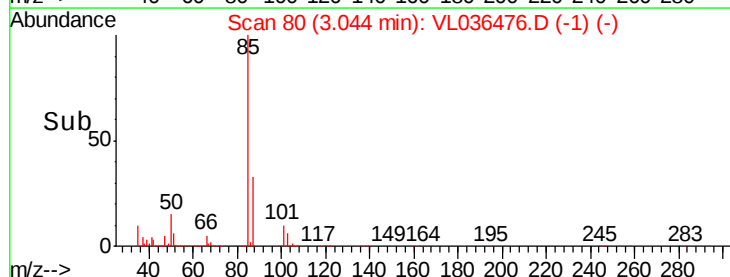
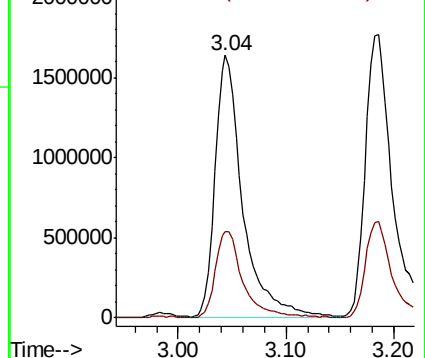
85 100

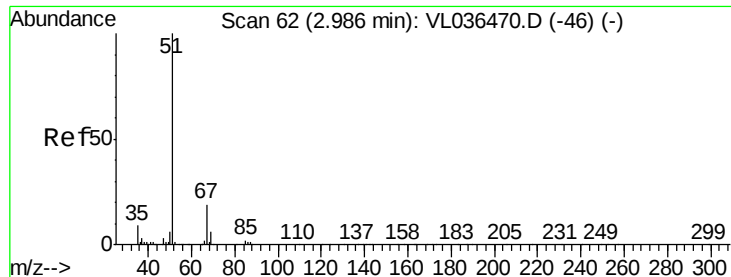
87 32.6 27.8 41.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

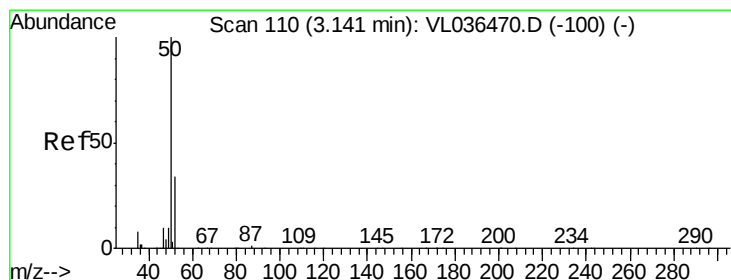
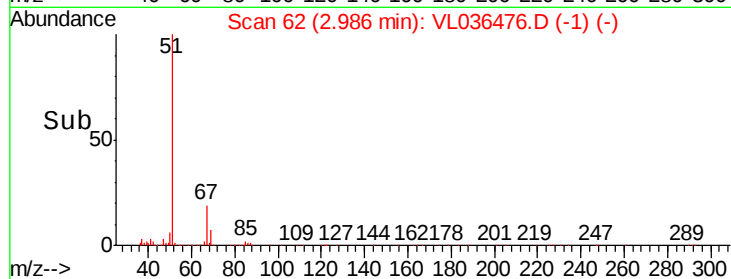
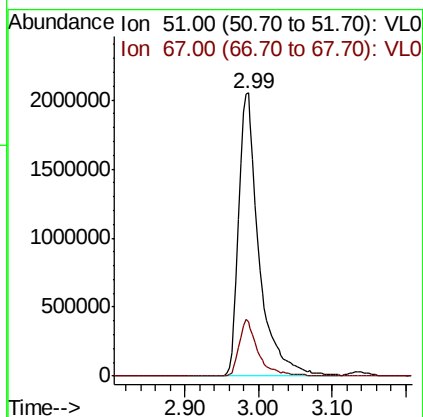
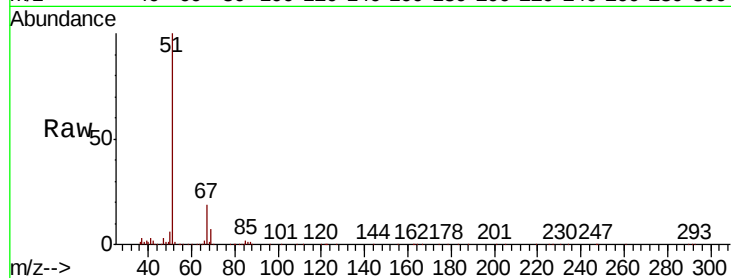
Ion 87.00 (86.70 to 87.70): VL0





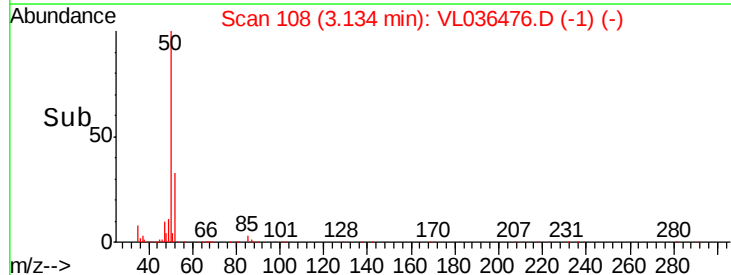
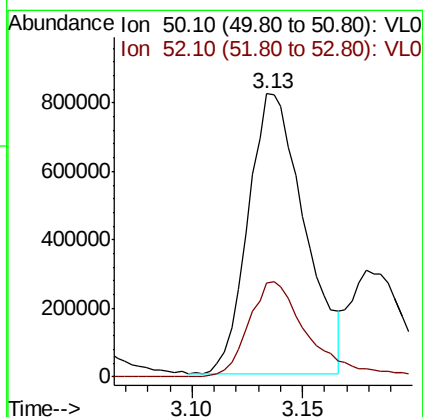
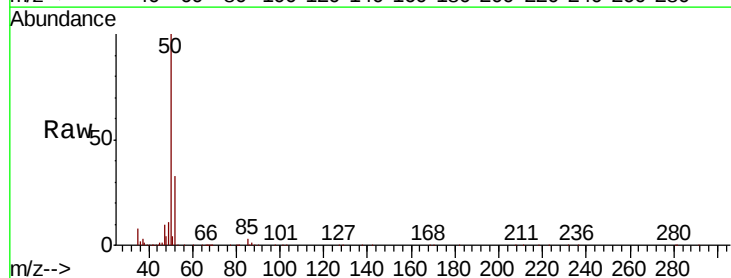
#3
 Chlorodifluoromethane
 Concen: 19.584 ppbv
 RT: 2.99 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 25 Mar 2021 5:51

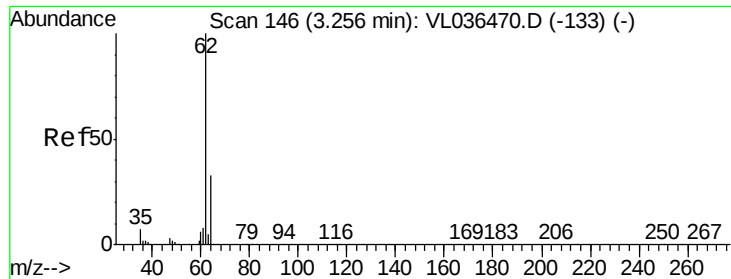
Tot Ion: 51 Resp: 3937238
 Ion Ratio Lower Upper
 51 100
 67 18.8 14.7 22.1



#4
 Chloromethane
 Concen: 16.326 ppbv
 RT: 3.13 min Scan# 108
 Delta R.T.: -0.01 min
 Lab File: VL036476.D
 Acq: 25 Mar 2021 5:51

Tgt Ion: 50 Resp: 1451901
 Ion Ratio Lower Upper
 50 100
 52 33.4 27.0 40.6





#5

Vinyl Chloride

Concen: 17.516 ppbv

RT: 3.26 Instrument:

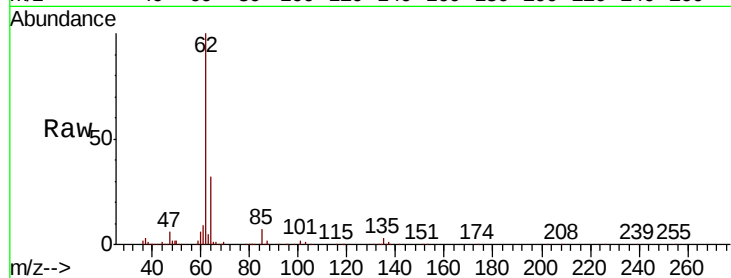
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 5:51

Tot Ion: 62 Resp: 1473539

Ion	Ratio	Lower	Upper
62	100		
64	32.3	26.4	39.6



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0

3.26

800000

600000

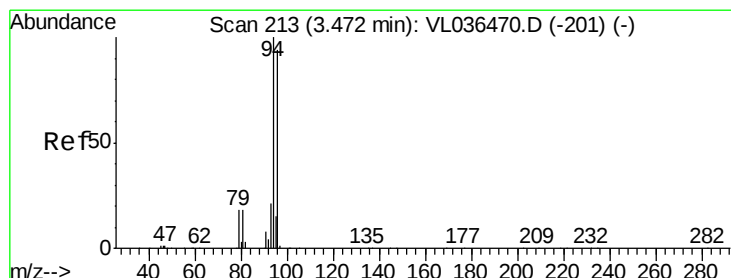
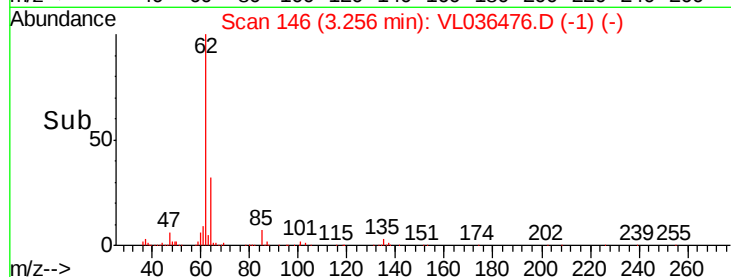
400000

200000

0

Time-->

3.20 3.25 3.30 3.35



#6

Bromomethane

Concen: 16.551 ppbv

RT: 3.47 min Scan# 212

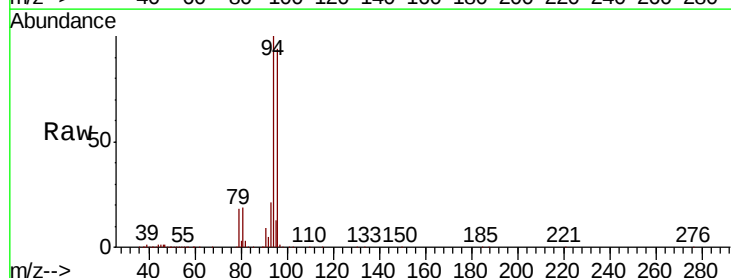
Delta R.T. -0.00 min

Lab File: VL036476.D

Acq: 25 Mar 2021 5:51

Tgt Ion: 94 Resp: 863186

Ion	Ratio	Lower	Upper
94	100		
96	93.7	74.9	112.3



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

3.47

500000

400000

300000

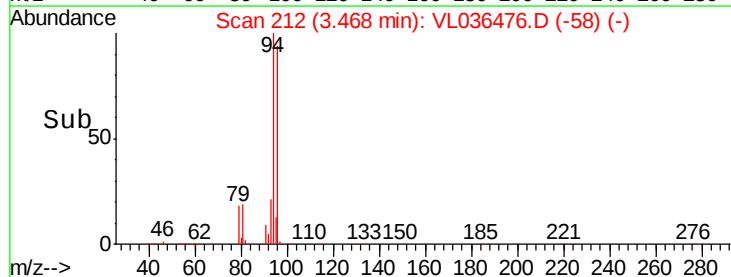
200000

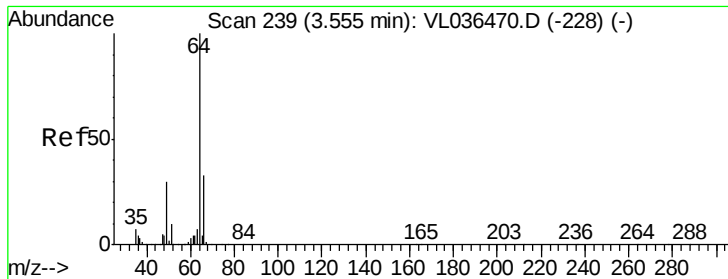
100000

0

Time-->

3.40 3.45 3.50 3.55 3.60





#7

Chloroethane

Concen: 16.818 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

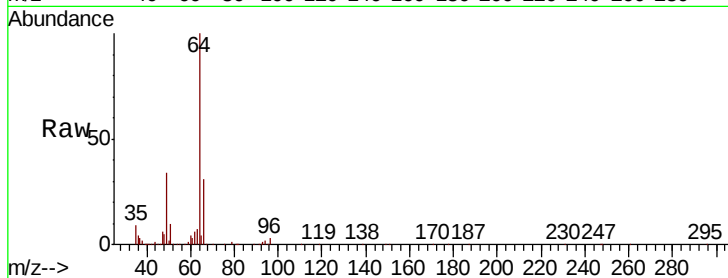
Acq: 25 Mar 2021 5:51

Tot Ion: 64 Resp: 528467

Ion Ratio Lower Upper

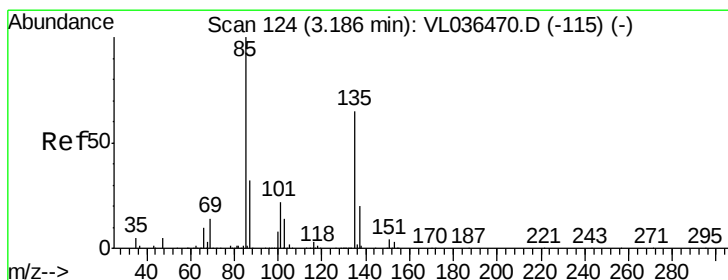
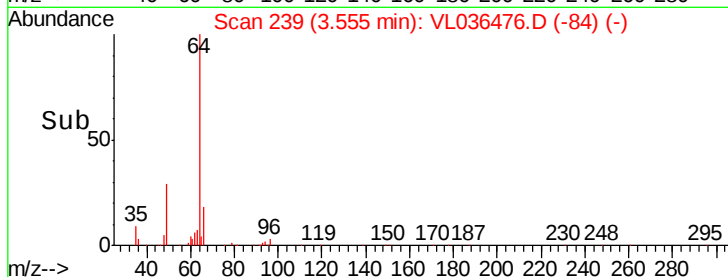
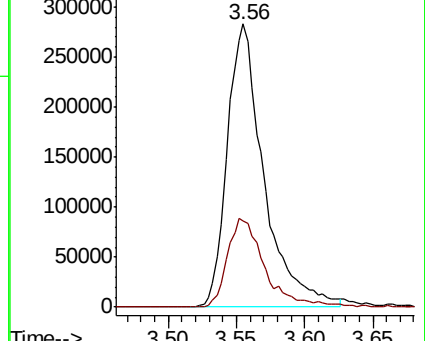
64 100

66 30.5 26.2 39.2



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 14.572 ppbv

RT: 3.19 min Scan# 124

Delta R.T. -0.00 min

Lab File: VL036476.D

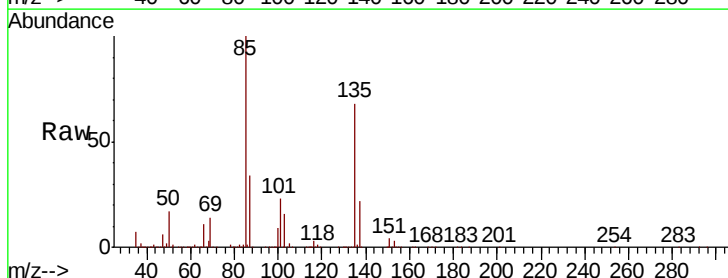
Acq: 25 Mar 2021 5:51

Tgt Ion: 85 Resp: 3138267

Ion Ratio Lower Upper

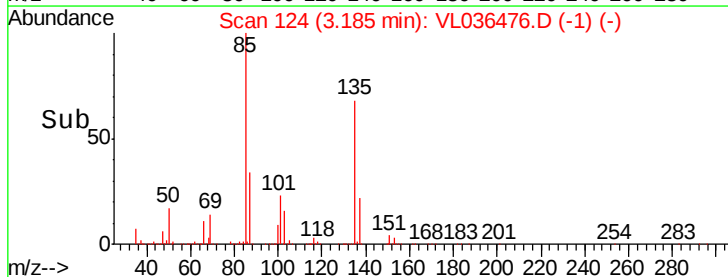
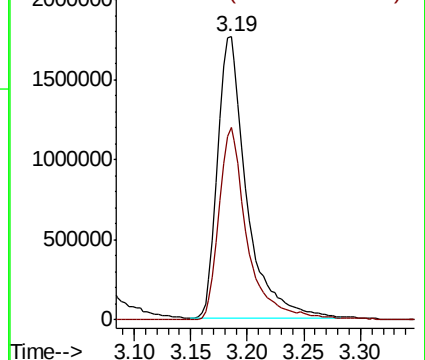
85 100

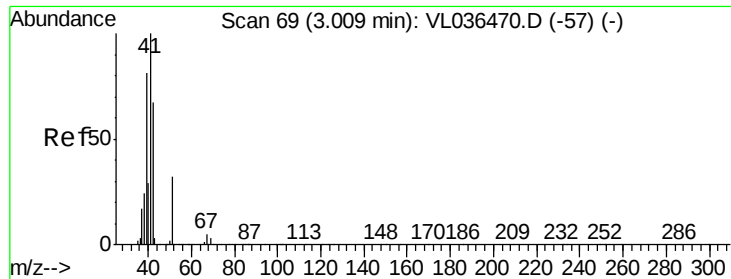
135 67.7 54.3 81.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

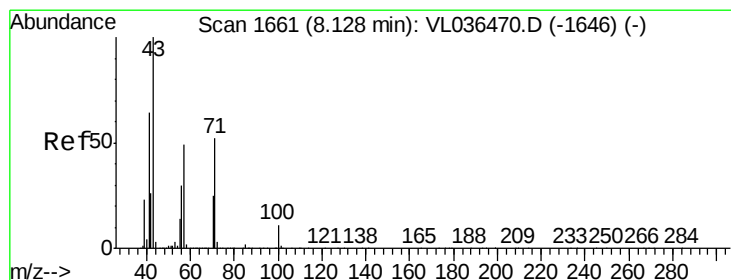
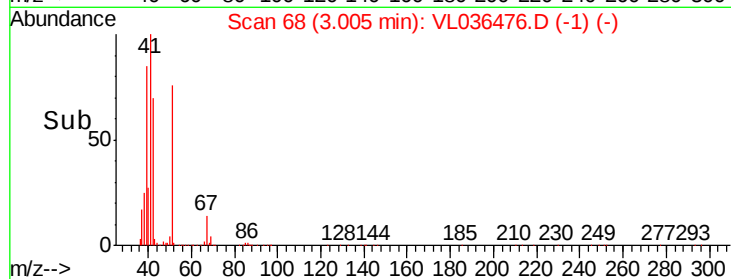
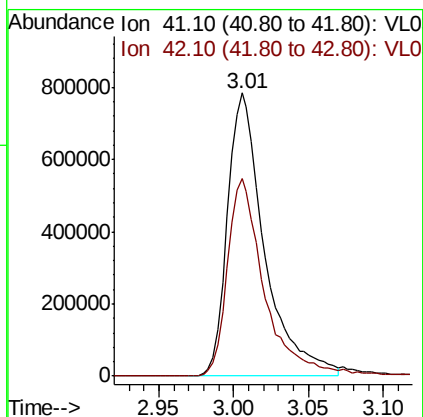
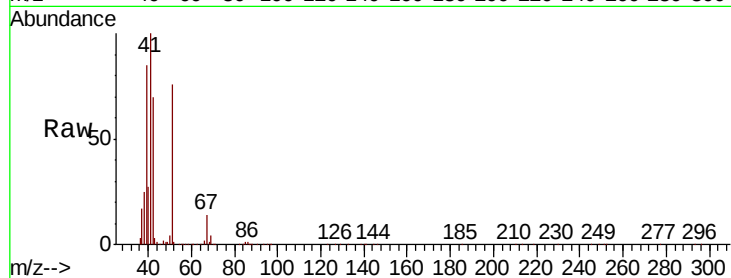
Ion 135.00 (134.70 to 135.70): V





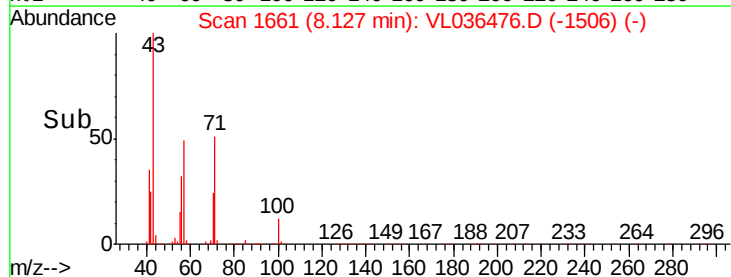
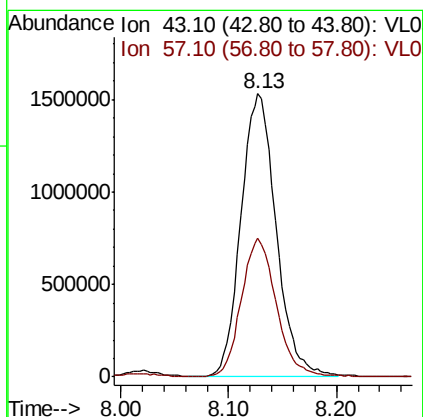
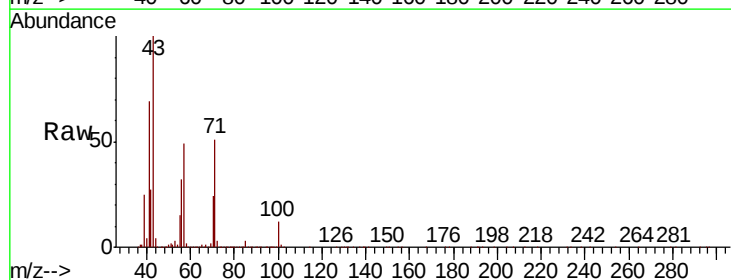
#9
 Propene
 Concen: 16.550 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Mar 2021 5:51

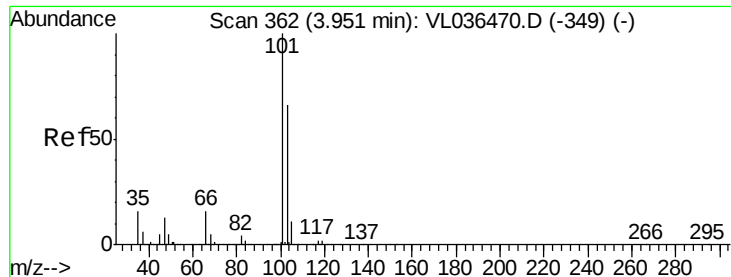
Tot Ion: 41 Resp: 1354570
 Ion Ratio Lower Upper
 41 100
 42 70.5 57.0 85.4



#10
 Heptane
 Concen: 17.093 ppbv
 RT: 8.13 min Scan# 1661
 Delta R.T. -0.00 min
 Lab File: VL036476.D
 Acq: 25 Mar 2021 5:51

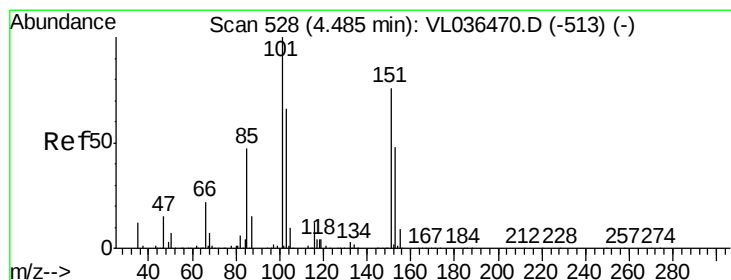
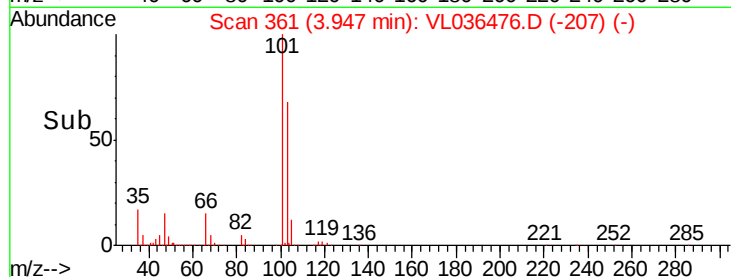
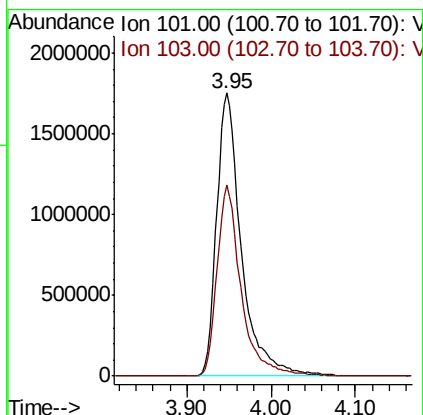
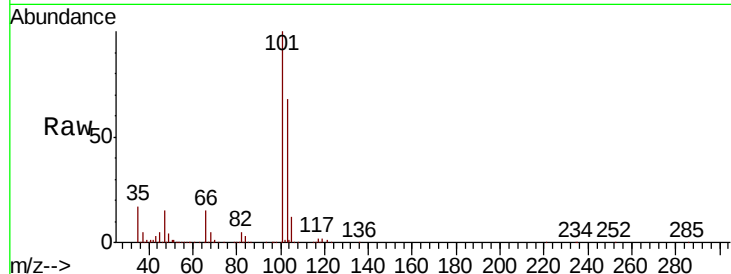
Tgt Ion: 43 Resp: 3457259
 Ion Ratio Lower Upper
 43 100
 57 49.3 39.4 59.0





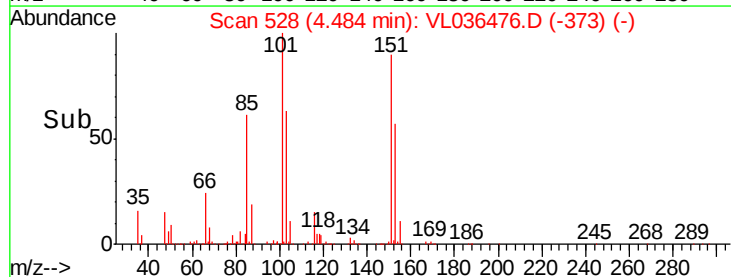
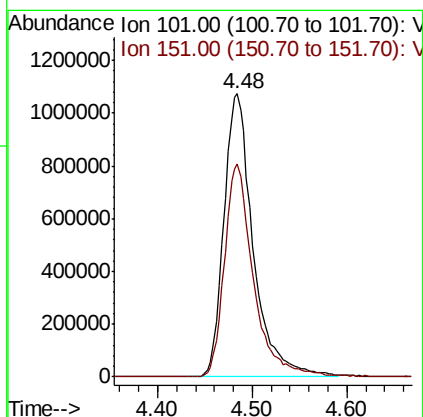
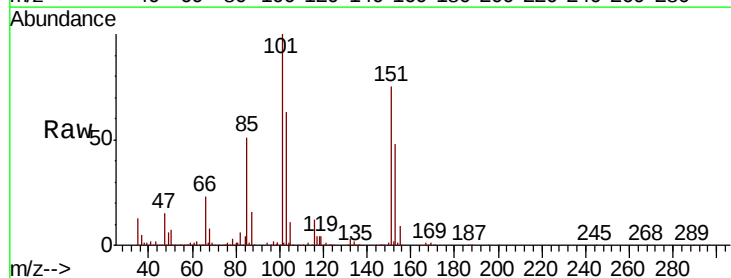
#11
 Trichlorofluoromethane
 Concen: 15.809 ppbv
 RT: 3.95 Instrument : MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 25 Mar 2021 5:51

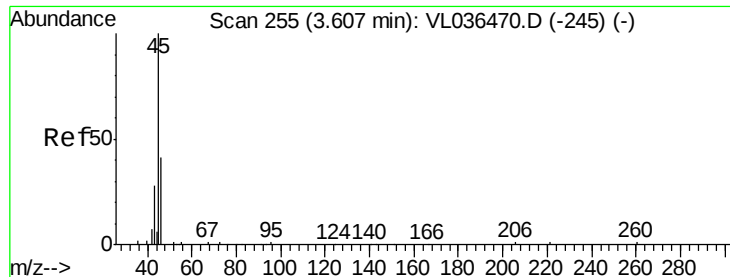
Tot Ion:101 Resp: 3573453
 Ion Ratio Lower Upper
 101 100
 103 67.7 52.5 78.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 15.962 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: VL036476.D
 Acq: 25 Mar 2021 5:51

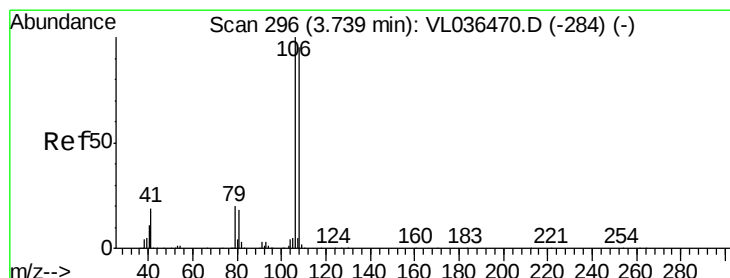
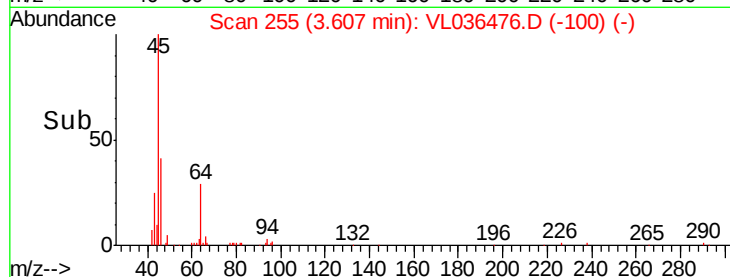
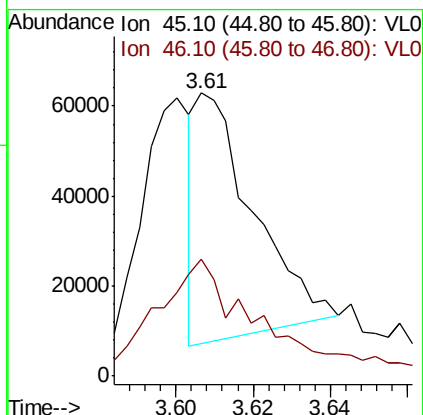
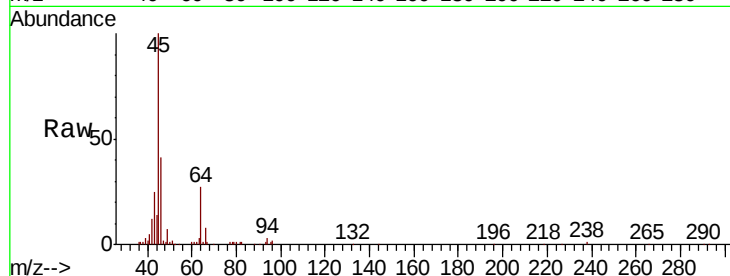
Tgt Ion:101 Resp: 2316133
 Ion Ratio Lower Upper
 101 100
 151 74.8 60.9 91.3





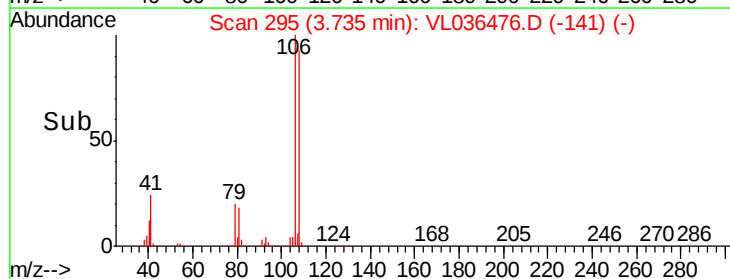
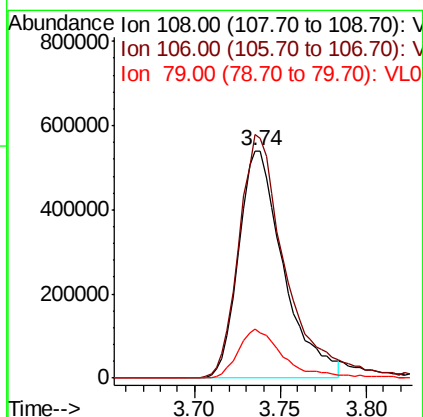
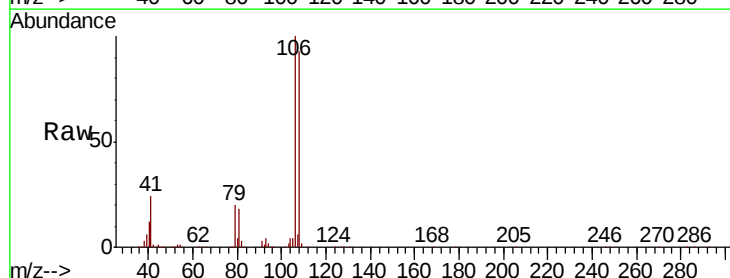
#13
Ethanol
Concen: 4.769 ppbv
RT: 3.61
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Mar 2021 5:51

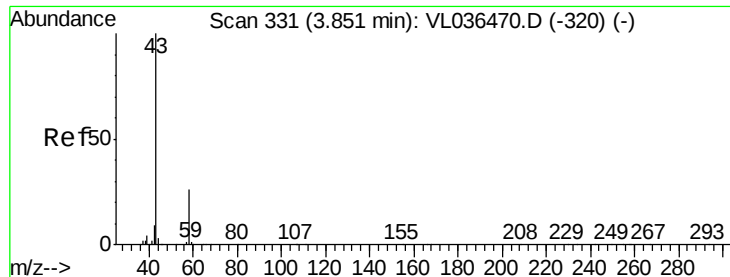
Tot Ion: 45 Resp: 55980
Ion Ratio Lower Upper
45 100
46 98.8 16.6 66.4#



#14
Bromoethene
Concen: 16.229 ppbv
RT: 3.74 min Scan# 295
Delta R.T. -0.00 min
Lab File: VL036476.D
Acq: 25 Mar 2021 5:51

Tgt Ion: 108 Resp: 975650
Ion Ratio Lower Upper
108 100
106 114.0 89.0 133.4
79 22.3 16.8 25.2





#15

Acetone

Concen: 11.912 ppbv

RT: 3.85 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

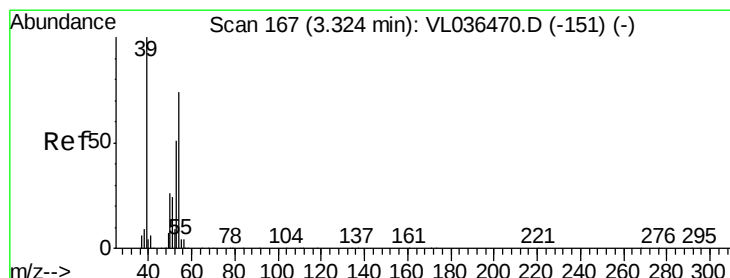
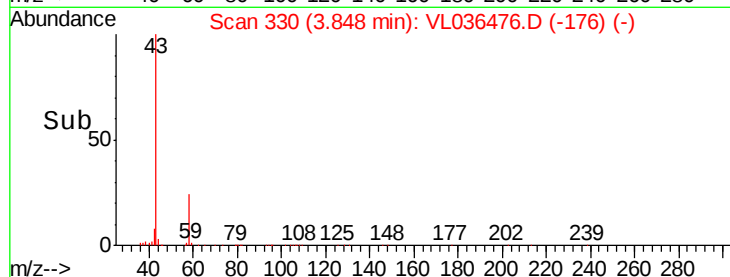
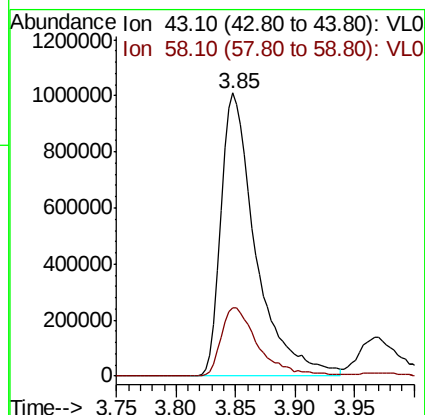
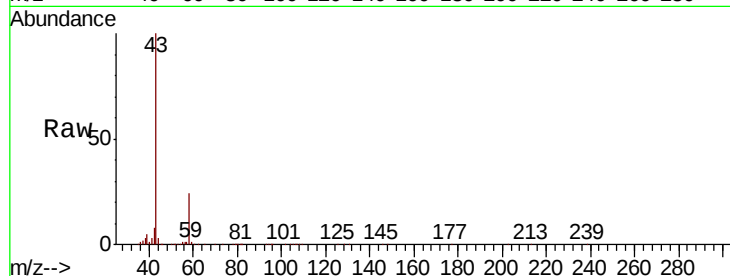
Acq: 25 Mar 2021 5:51

Tot Ion: 43 Resp: 2047285

Ion Ratio Lower Upper

43 100

58 25.7 21.1 31.7



#16

1,3-Butadiene

Concen: 17.236 ppbv

RT: 3.32 min Scan# 167

Delta R.T. -0.00 min

Lab File: VL036476.D

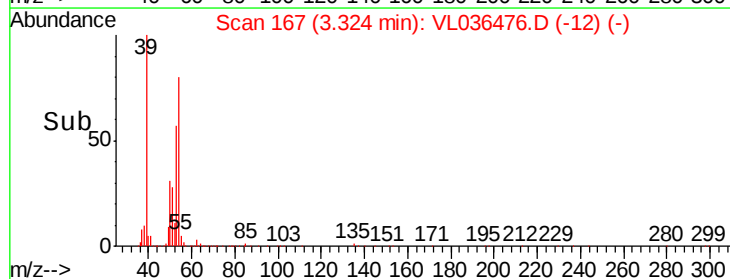
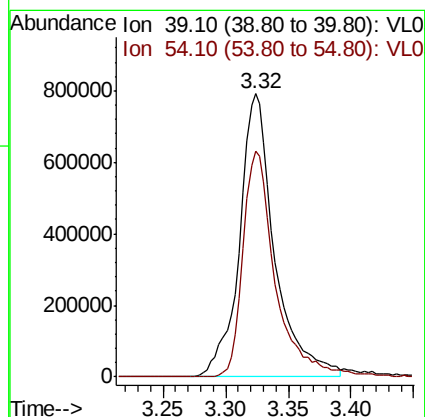
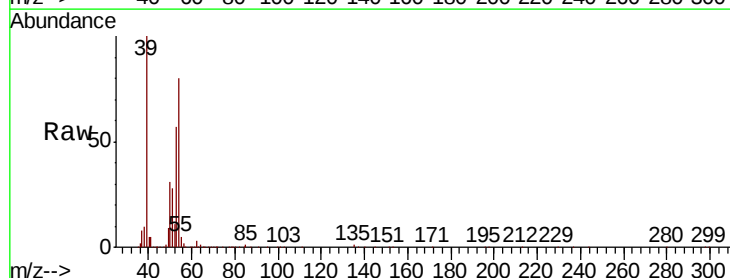
Acq: 25 Mar 2021 5:51

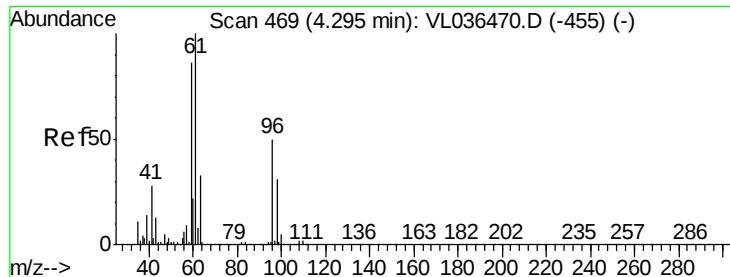
Tgt Ion: 39 Resp: 1535467

Ion Ratio Lower Upper

39 100

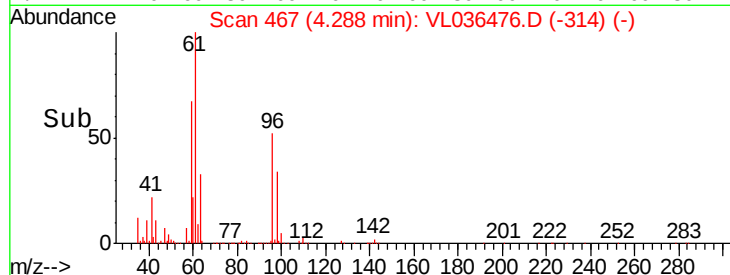
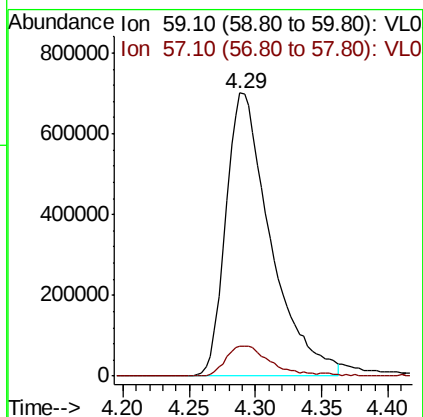
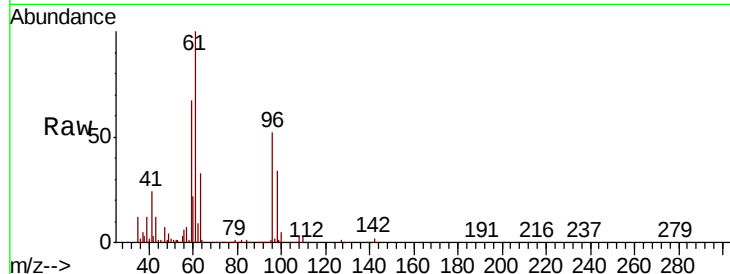
54 74.9 59.0 88.4





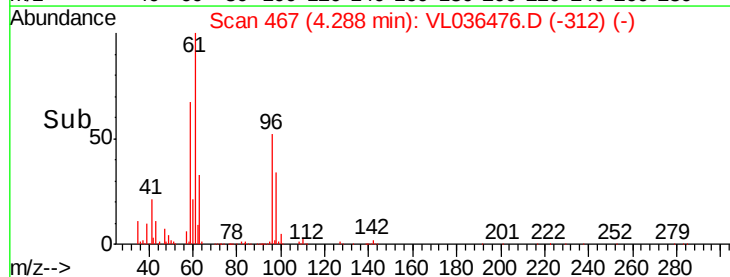
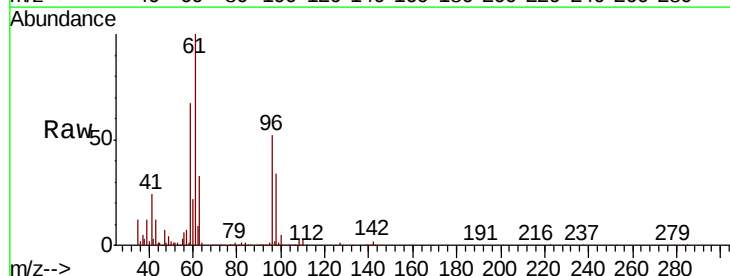
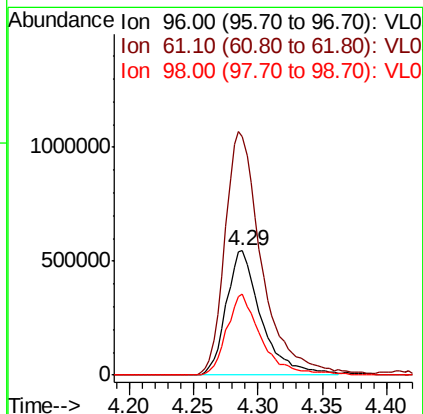
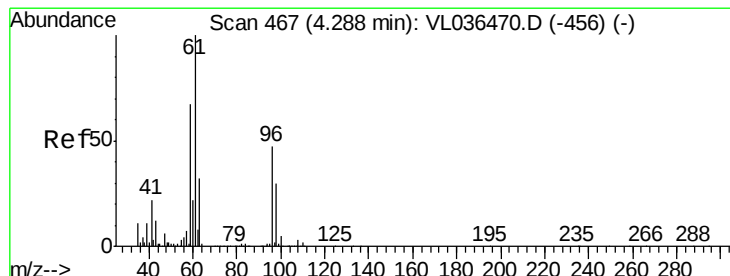
#17
 tert-Butyl alcohol
 Concen: 11.973 ppbv
 RT: 4.29 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 25 Mar 2021 5:51

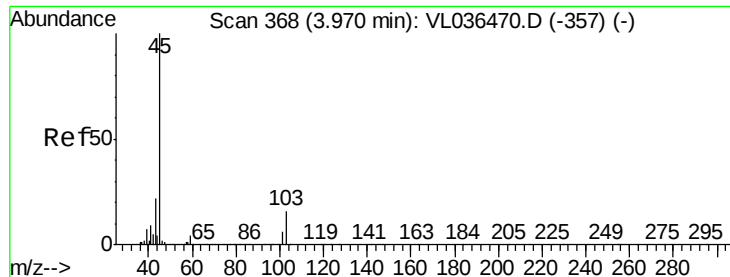
Tot Ion: 59 Resp: 1648002
 Ion Ratio Lower Upper
 59 100
 57 11.1 8.8 13.2



#18
 1,1-Dichloroethene
 Concen: 15.912 ppbv
 RT: 4.29 min Scan# 467
 Delta R.T.: -0.00 min
 Lab File: VL036476.D
 Acq: 25 Mar 2021 5:51

Tgt Ion: 96 Resp: 1031858
 Ion Ratio Lower Upper
 96 100
 61 192.1 168.6 253.0
 98 64.8 50.8 76.2





#19

Isopropyl Alcohol

Concen: 10.866 ppbv

RT: 3.97 Instrument:

Delta R.T. MSVOA.L

Lab File: ClientSampleId:

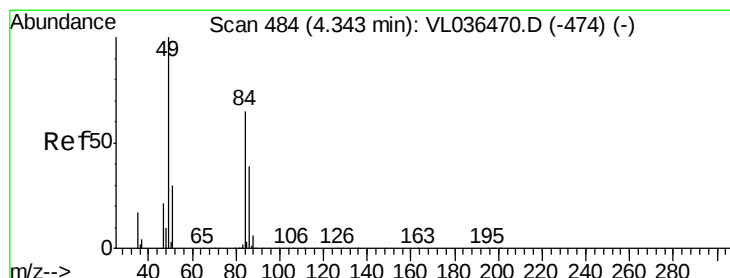
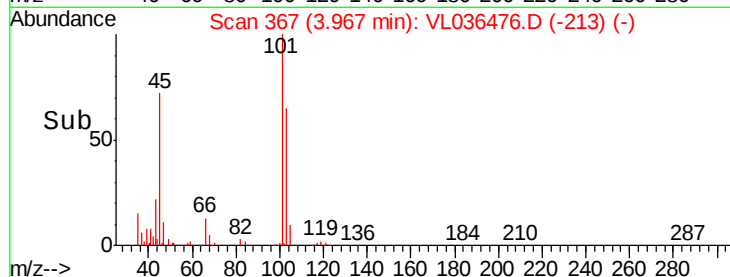
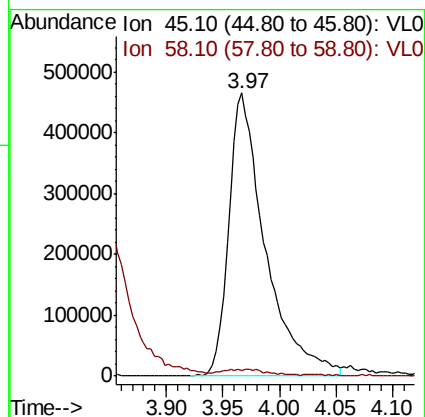
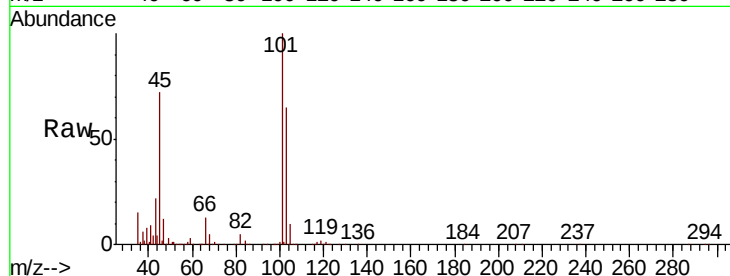
Acq: 25 Mar 2021 5:51

Tot Ion: 45 Resp: 1042366

Ion Ratio Lower Upper

45 100

58 3.4 2.3 3.5



#20

Methylene Chloride

Concen: 14.820 ppbv

RT: 4.34 min Scan# 484

Delta R.T. -0.00 min

Lab File: VL036476.D

Acq: 25 Mar 2021 5:51

Tgt Ion: 84 Resp: 916294

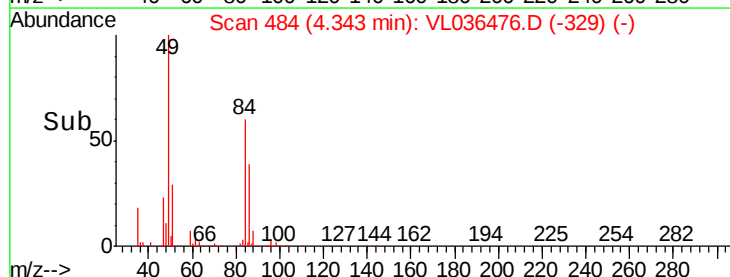
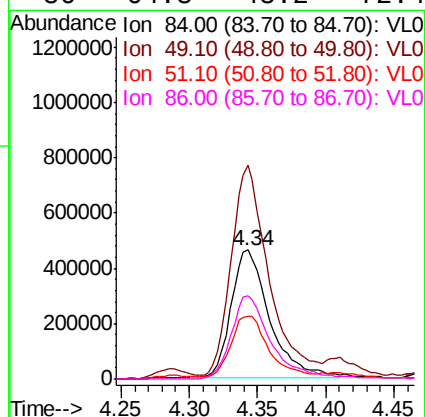
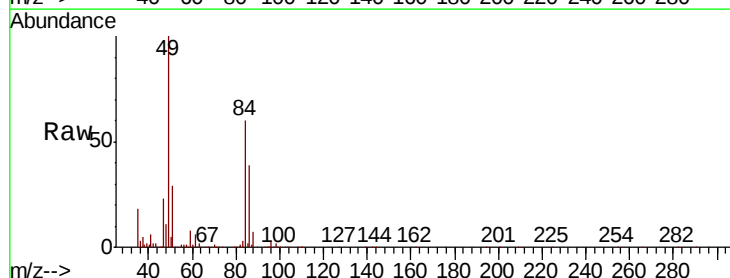
Ion Ratio Lower Upper

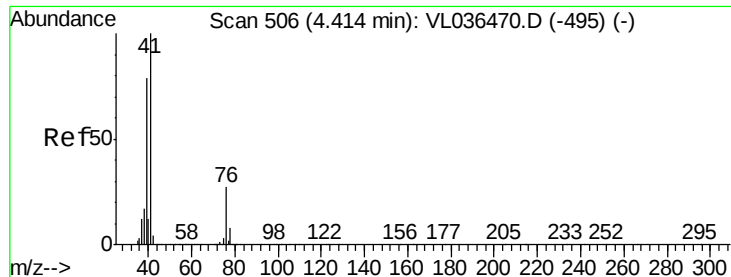
84 100

49 162.7 122.9 184.3

51 46.6 36.9 55.3

86 64.3 48.2 72.4





#21

Allvl Chloride

Concen: 17.371 ppbv

RT: 4.41 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 5:51

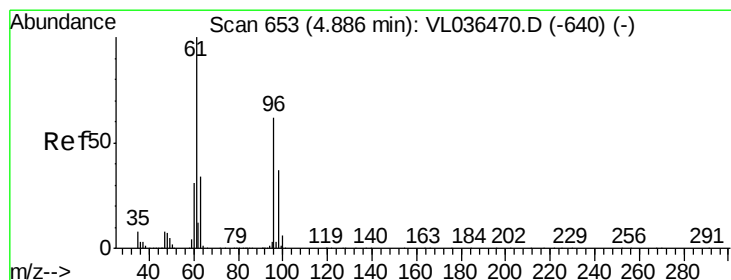
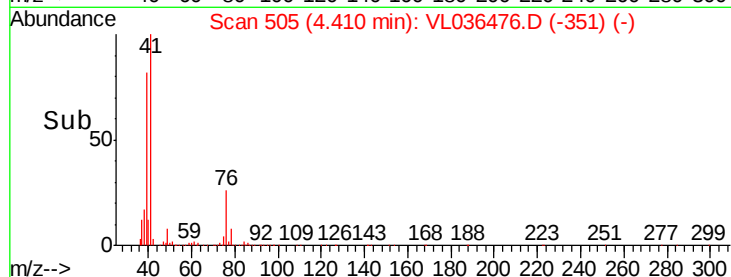
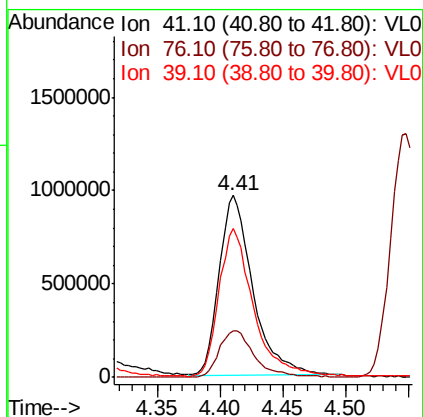
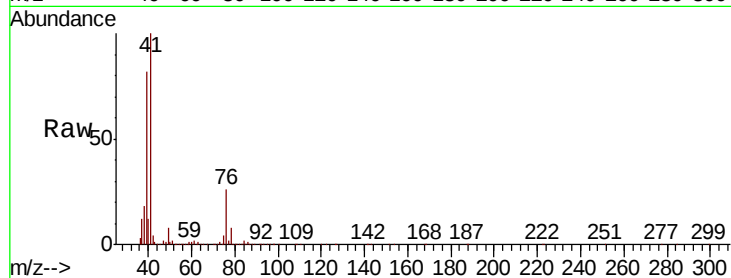
Tot Ion: 41 Resp: 1800803

Ion Ratio Lower Upper

41 100

76 27.5 22.9 34.3

39 83.6 69.4 104.0



#22

trans-1,2-Dichloroethene

Concen: 17.109 ppbv

RT: 4.89 min Scan# 653

Delta R.T. -0.00 min

Lab File: VL036476.D

Acq: 25 Mar 2021 5:51

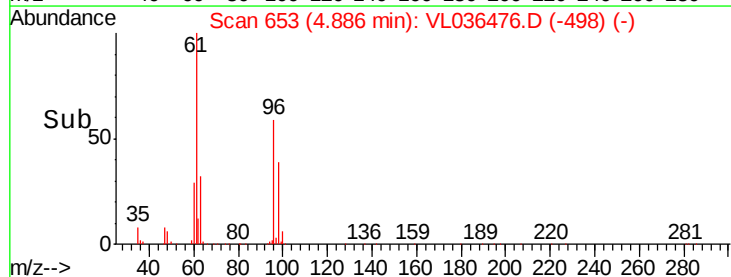
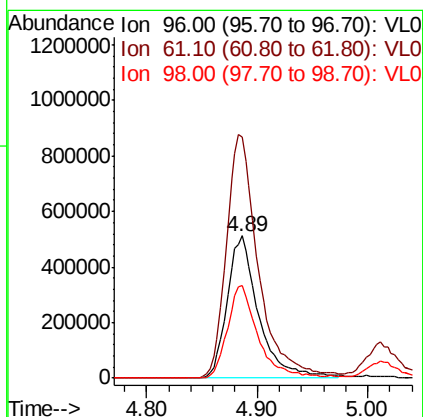
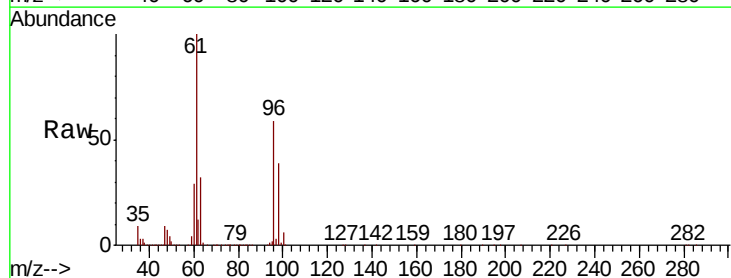
Tgt Ion: 96 Resp: 1011190

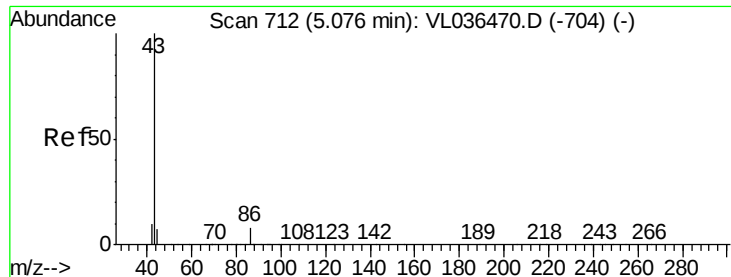
Ion Ratio Lower Upper

96 100

61 170.0 129.4 194.0

98 65.5 48.2 72.4





#23

Vinyl Acetate

Concen: 18.313 ppbv

RT: 5.08 Instrument:

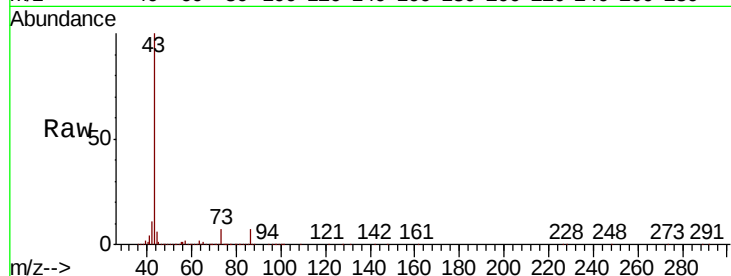
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

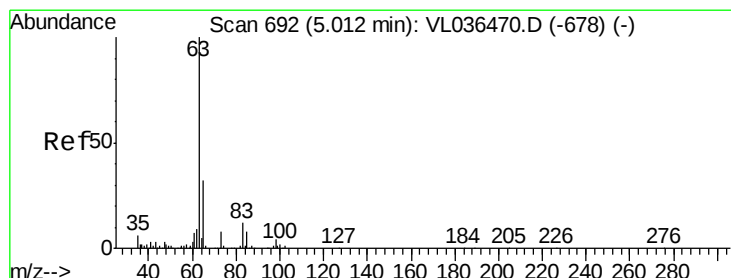
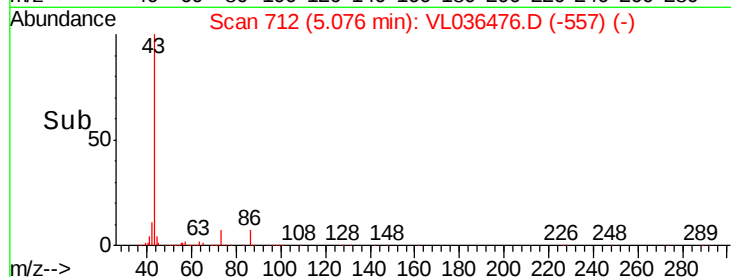
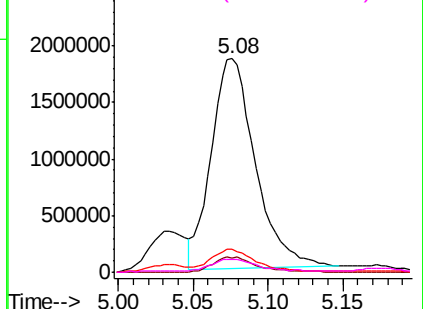
Acq: 25 Mar 2021 5:51

Tot Ion: 43 Resp: 3830719

Ion	Ratio	Lower	Upper
43	100		
86	6.9	5.4	8.0
42	11.0	8.5	12.7
44	5.6	4.6	7.0



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 86.10 (85.80 to 86.80): VL0
Ion 42.10 (41.80 to 42.80): VL0
Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 16.594 ppbv

RT: 5.01 min Scan# 692

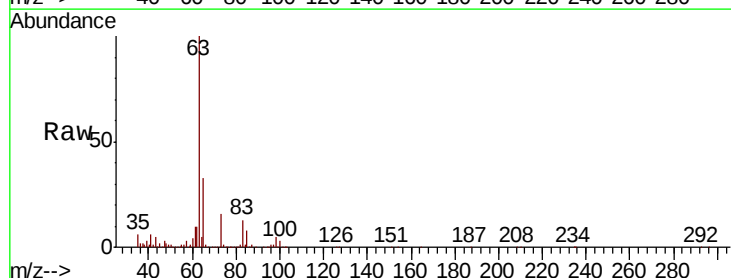
Delta R.T. -0.00 min

Lab File: VL036476.D

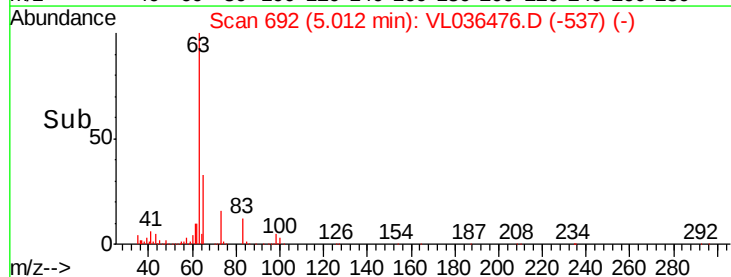
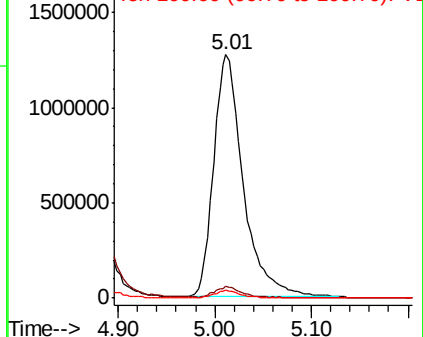
Acq: 25 Mar 2021 5:51

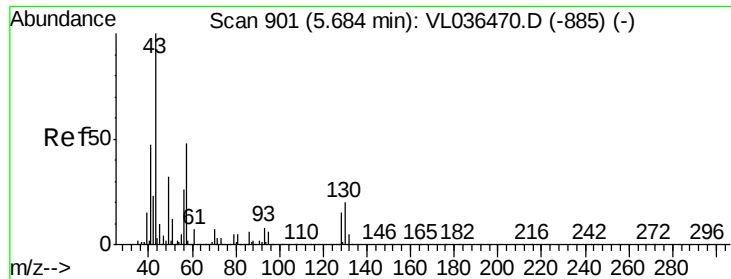
Tgt Ion: 63 Resp: 2705796

Ion	Ratio	Lower	Upper
63	100		
98	4.9	2.1	6.2
100	3.0	0.9	2.8#



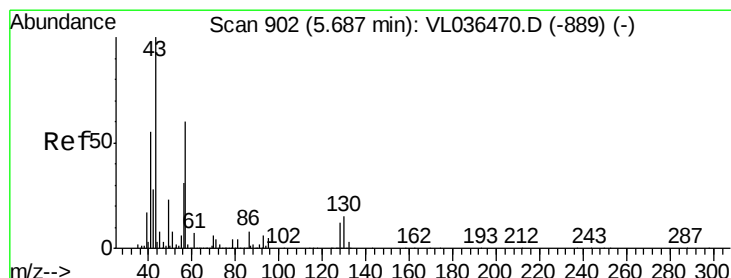
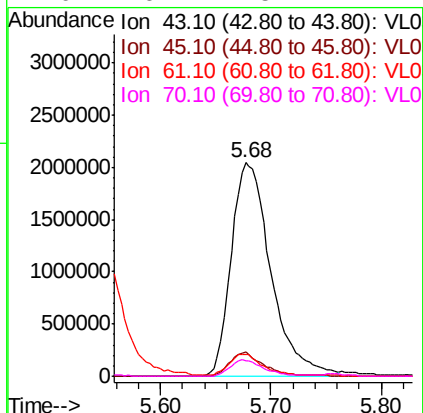
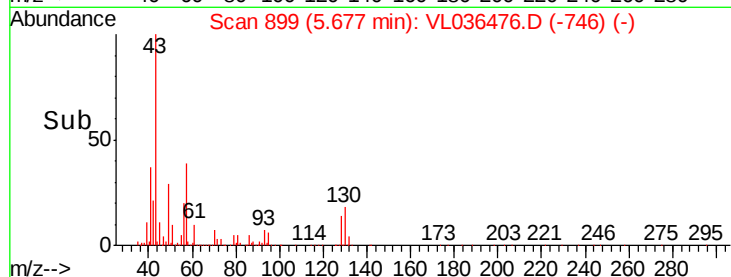
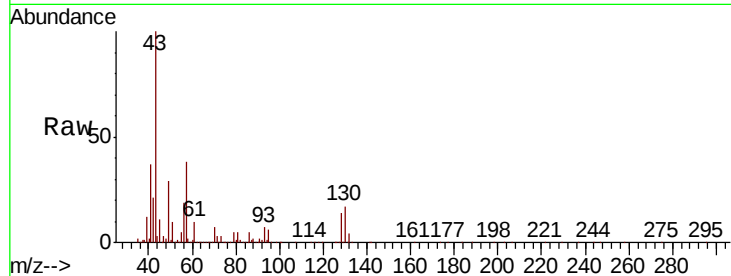
Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 98.00 (97.70 to 98.70): VL0
Ion 100.00 (99.70 to 100.70): VL0





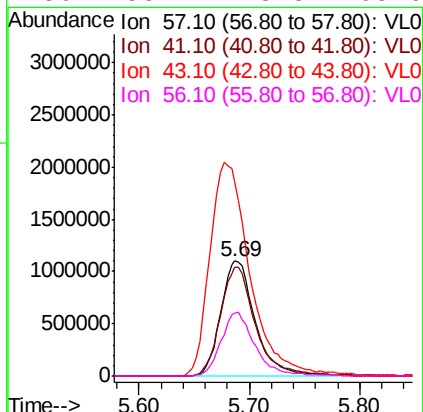
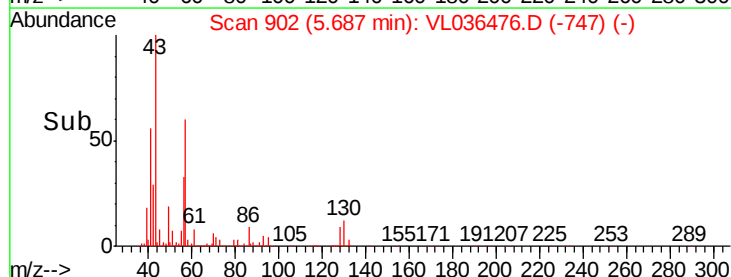
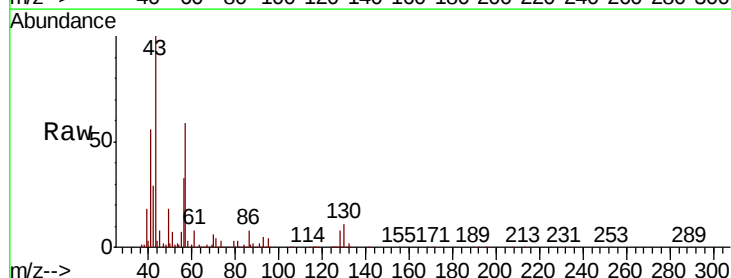
#25
Ethyl Acetate
Concen: 14.729 ppbv
RT: 5.68 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 25 Mar 2021 5:51

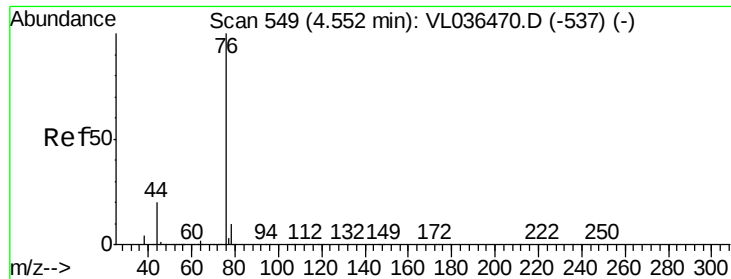
Tot Ion:	43	Resp:	5071768
Ion	Ratio	Lower	Upper
43	100		
45	9.8	7.9	11.9
61	9.4	7.4	11.2
70	6.4	5.1	7.7



#26
Hexane
Concen: 16.345 ppbv
RT: 5.69 min Scan# 902
Delta R.T.: -0.00 min
Lab File: VL036476.D
Acq: 25 Mar 2021 5:51

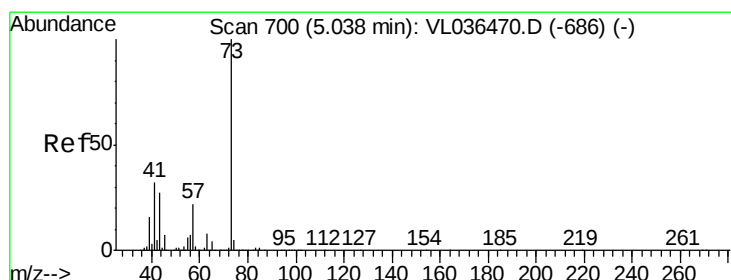
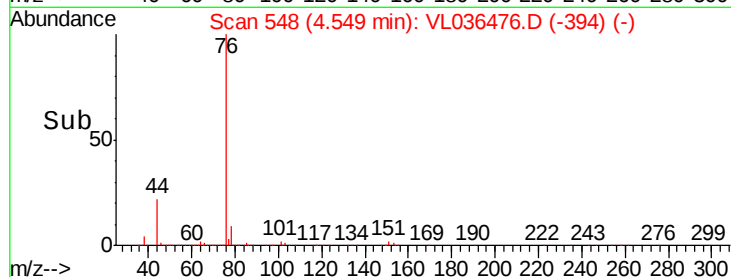
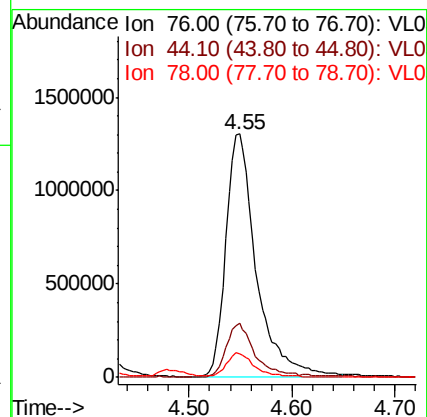
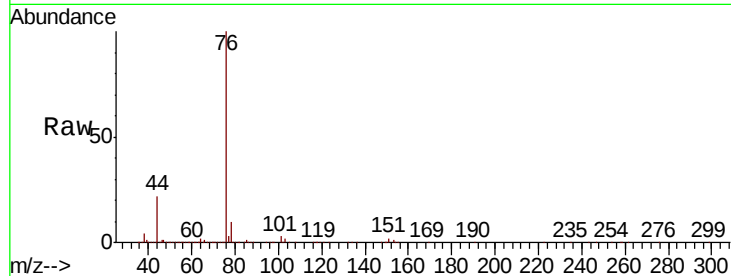
Tgt Ion:	57	Resp:	2376395
Ion	Ratio	Lower	Upper
57	100		
41	97.5	77.3	115.9
43	217.4	174.8	262.2
56	55.2	43.8	65.6





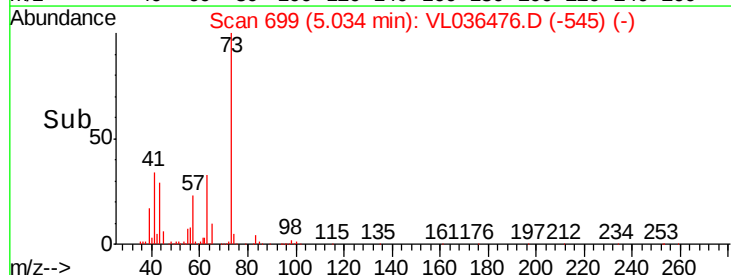
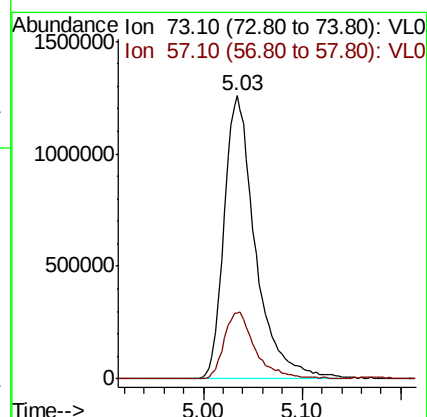
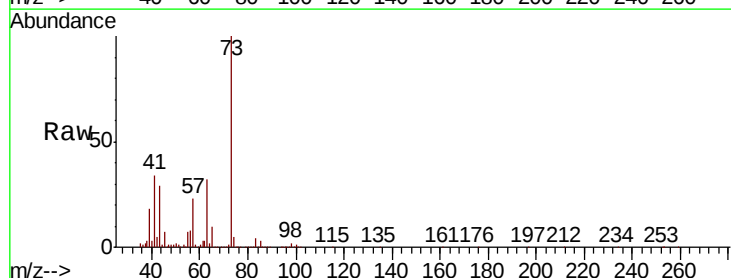
#27
Carbon Disulfide
Concen: 18.697 ppbv
RT: 4.55 Instrument :
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Mar 2021 5:51

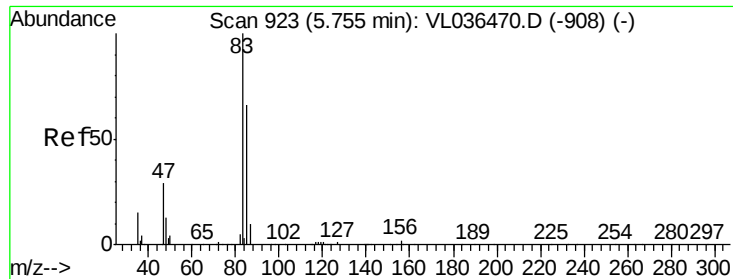
Tot Ion: 76 Resp: 2676771
Ion Ratio Lower Upper
76 100
44 21.6 17.5 26.3
78 10.1 8.6 13.0



#28
Methyl tert-Butyl Ether
Concen: 14.731 ppbv
RT: 5.03 min Scan# 699
Delta R.T. -0.00 min
Lab File: VL036476.D
Acq: 25 Mar 2021 5:51

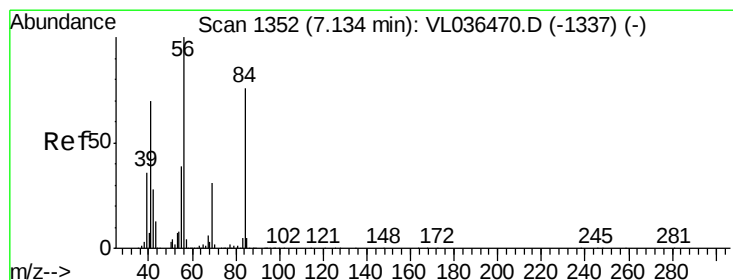
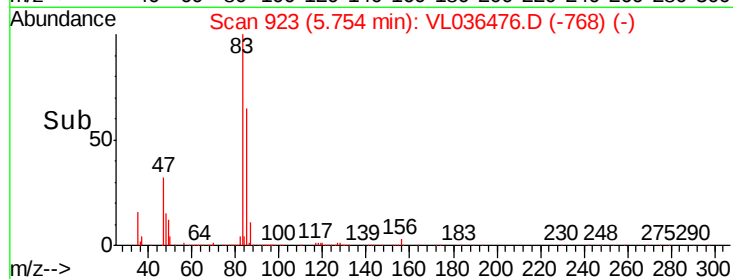
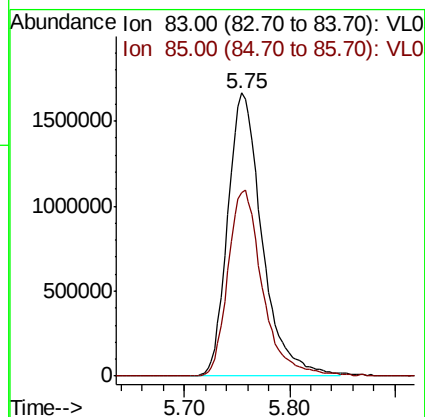
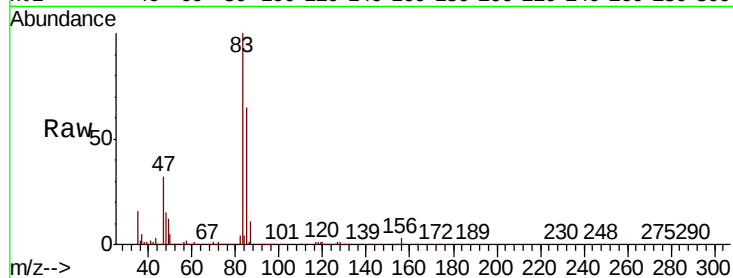
Tgt Ion: 73 Resp: 2801289
Ion Ratio Lower Upper
73 100
57 23.5 18.6 27.8





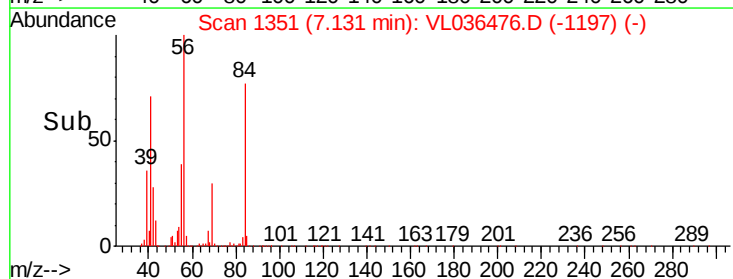
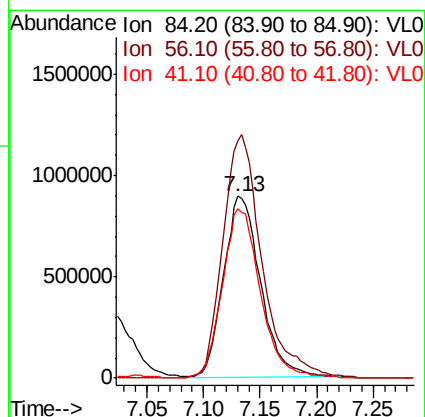
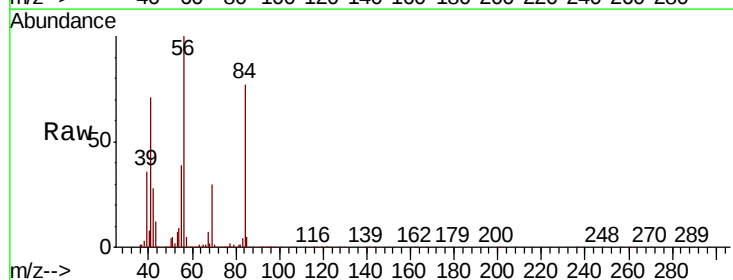
#29
Chloroform
Concen: 15.966 ppbv
RT: 5.75 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 25 Mar 2021 5:51

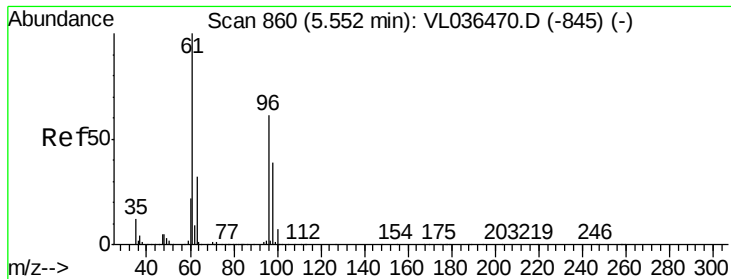
Tot Ion: 83 Resp: 3765021
Ion Ratio Lower Upper
83 100
85 64.4 52.6 78.8



#30
Cyclohexane
Concen: 16.994 ppbv
RT: 7.13 min Scan# 1351
Delta R.T.: -0.00 min
Lab File: VL036476.D
Acq: 25 Mar 2021 5:51

Tgt Ion: 84 Resp: 2043169
Ion Ratio Lower Upper
84 100
56 142.2 114.6 171.8
41 95.8 75.3 112.9





#31

cis-1,2-Dichloroethene

Concen: 17.391 ppbv

RT: 5.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 5:51

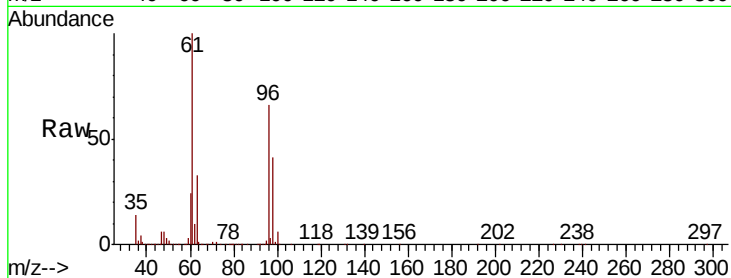
Tot Ion: 61 Resp: 2448857

Ion Ratio Lower Upper

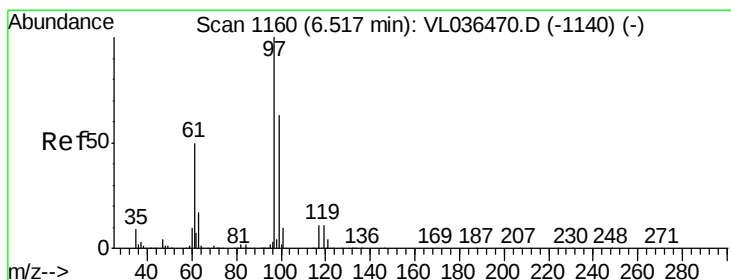
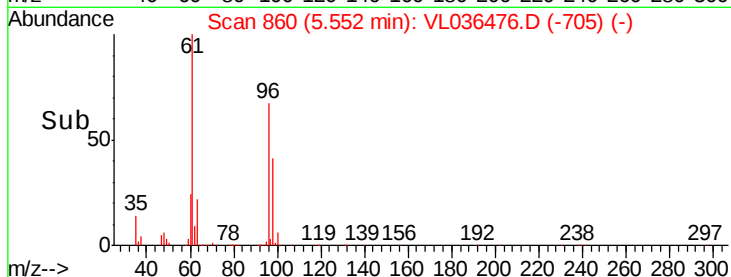
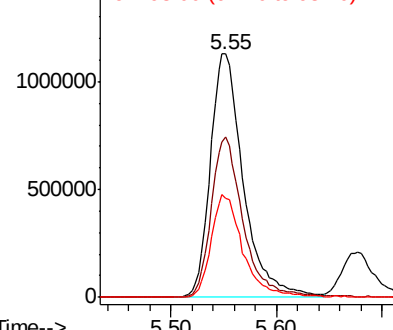
61 100

96 66.0 48.7 73.1

98 40.8 31.4 47.0



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



#32

1,1,1-Trichloroethane

Concen: 15.912 ppbv

RT: 6.51 min Scan# 1159

Delta R.T. -0.00 min

Lab File: VL036476.D

Acq: 25 Mar 2021 5:51

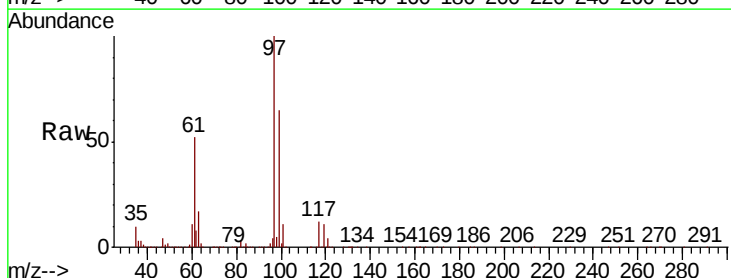
Tgt Ion: 97 Resp: 3759274

Ion Ratio Lower Upper

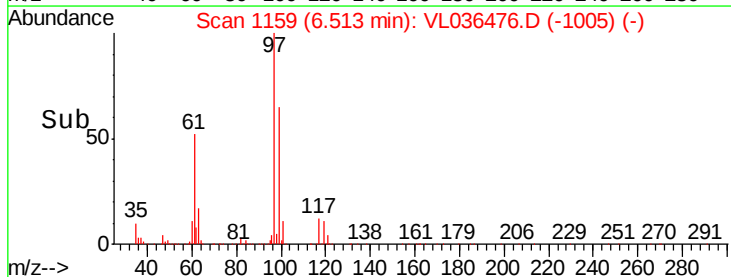
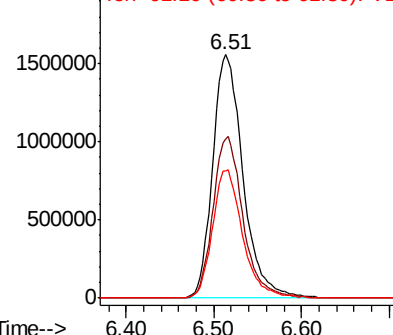
97 100

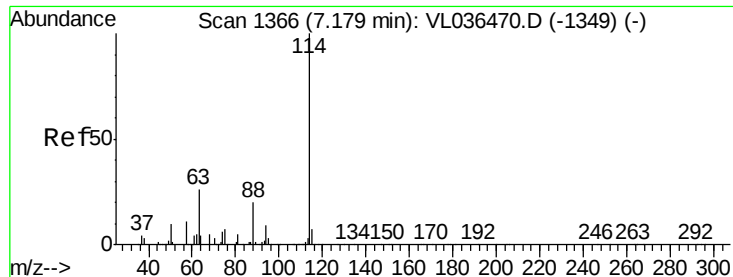
99 65.6 51.4 77.0

61 52.1 40.6 60.8



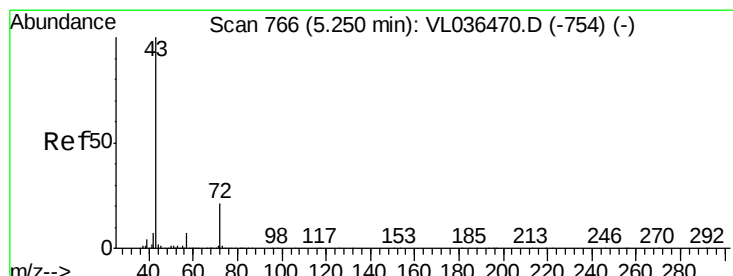
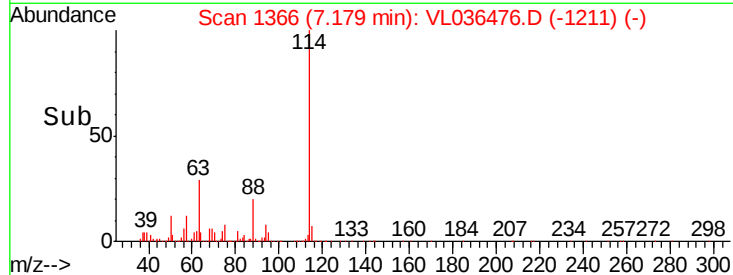
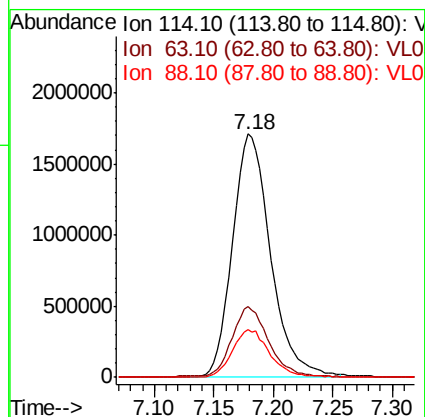
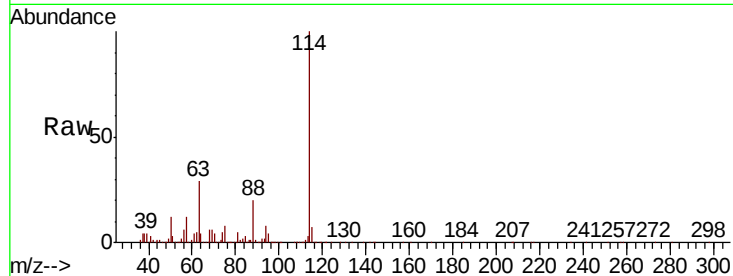
Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 99.00 (98.70 to 99.70): VL0
Ion 61.10 (60.80 to 61.80): VL0





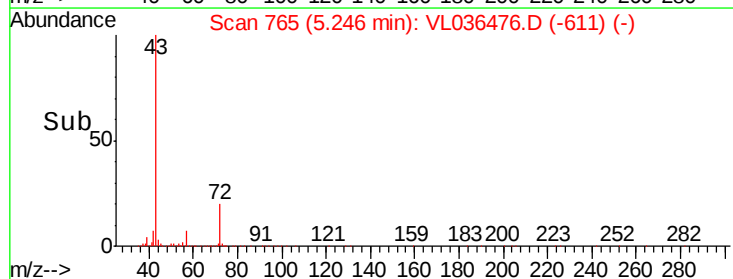
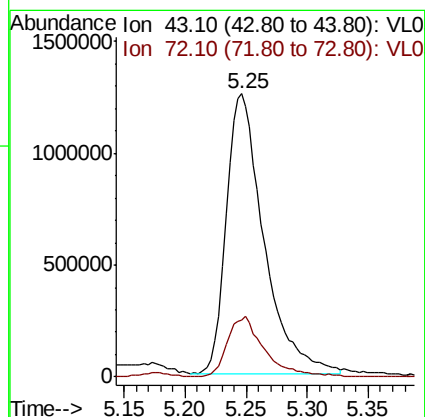
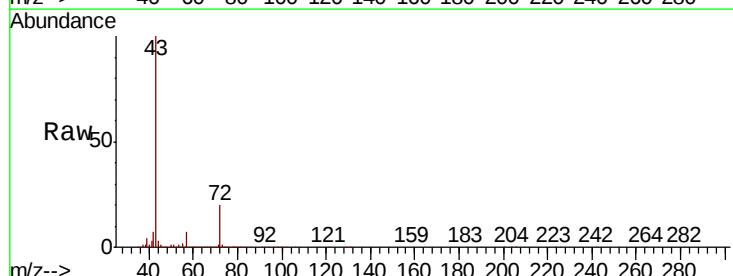
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 25 Mar 2021 5:51

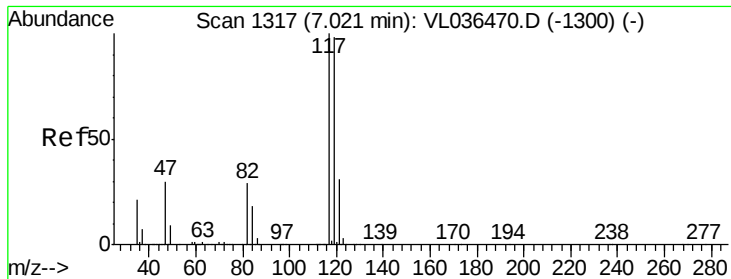
Tot Ion:	114	Resp:	3801321
Ion	Ratio	Lower	Upper
114	100		
63	28.5	22.4	33.6
88	19.3	15.4	23.0



#34
 2-Butanone
 Concen: 12.120 ppbv
 RT: 5.25 min Scan# 765
 Delta R.T.: -0.00 min
 Lab File: VL036476.D
 Acq: 25 Mar 2021 5:51

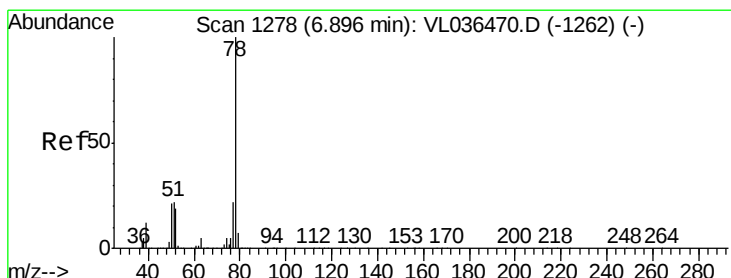
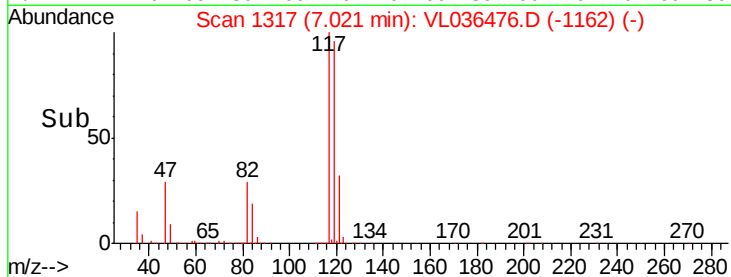
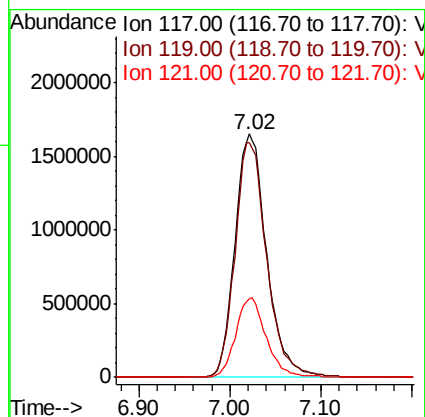
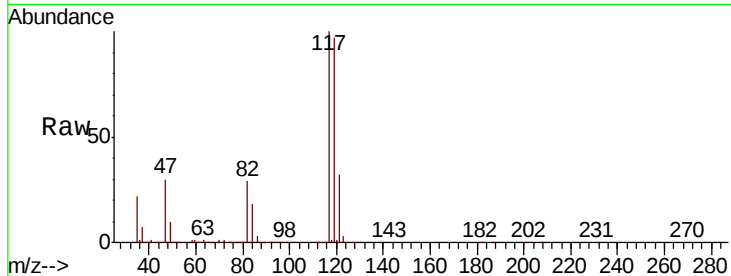
Tgt Ion:	43	Resp:	2690462
Ion	Ratio	Lower	Upper
43	100		
72	21.4	17.0	25.6





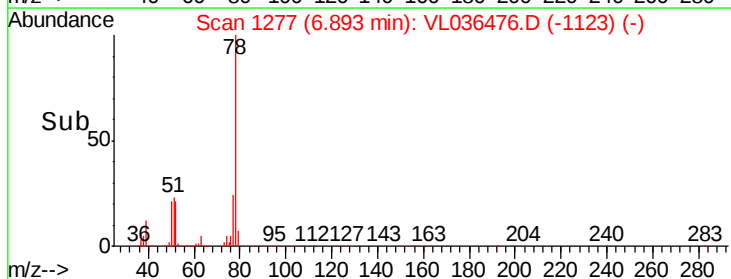
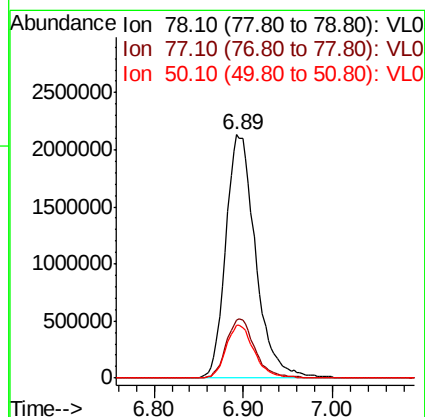
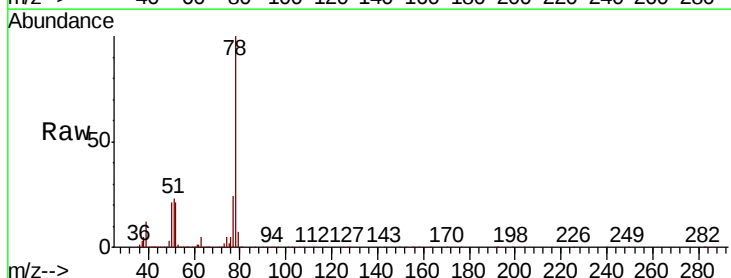
#35
Carbon Tetrachloride
Concen: 15.947 ppbv
RT: 7.02
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 25 Mar 2021 5:51

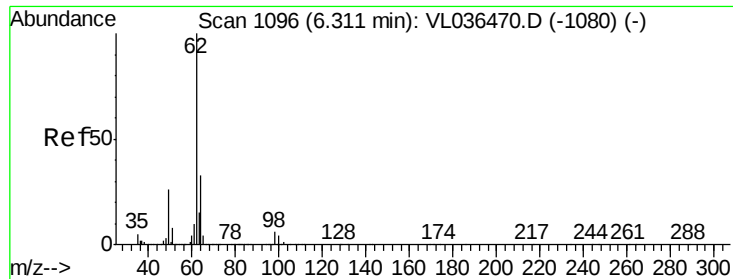
Tot Ion: 117 Resp: 3988217
Ion Ratio Lower Upper
117 100
119 96.6 78.2 117.2
121 32.1 24.5 36.7



#36
Benzene
Concen: 16.306 ppbv
RT: 6.89 min Scan# 1277
Delta R.T.: -0.00 min
Lab File: VL036476.D
Acq: 25 Mar 2021 5:51

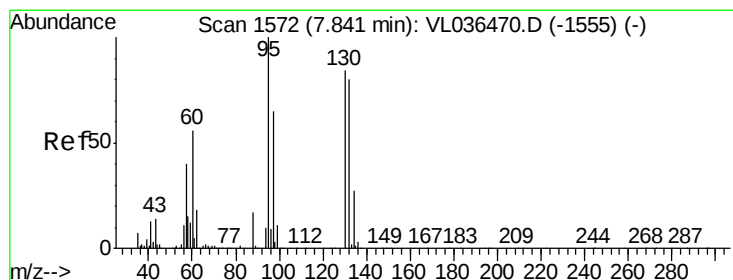
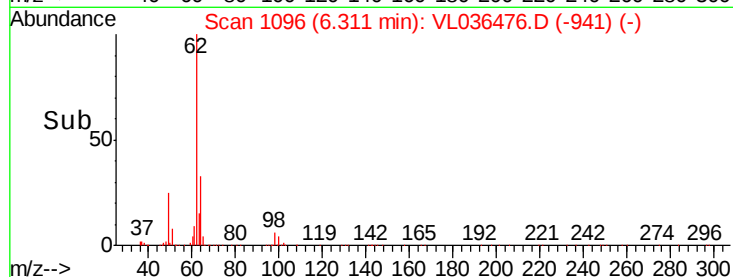
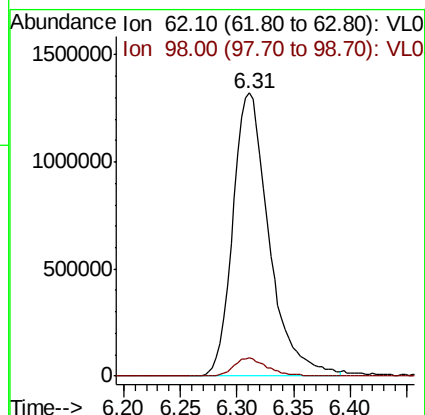
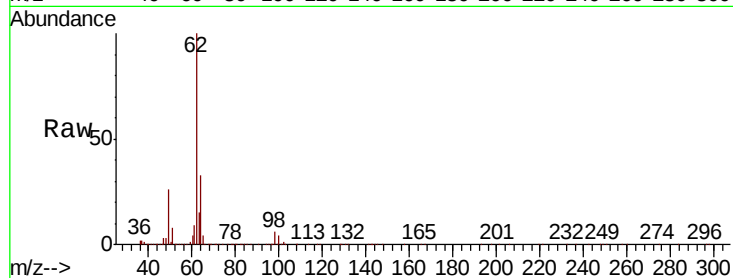
Tgt Ion: 78 Resp: 4937730
Ion Ratio Lower Upper
78 100
77 24.0 18.0 27.0
50 21.5 16.5 24.7





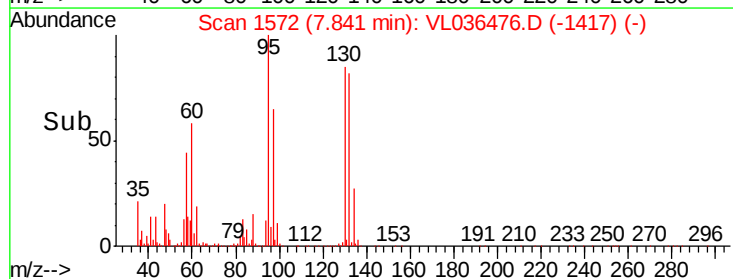
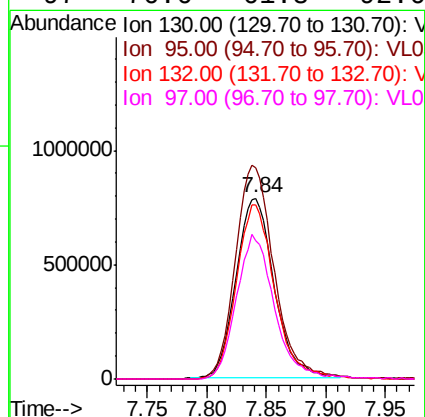
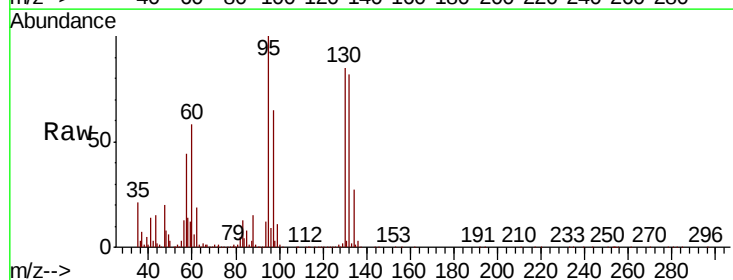
#37
 1,2-Dichloroethane
 Concen: 15.599 ppbv
 RT: 6.31
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Mar 2021 5:51

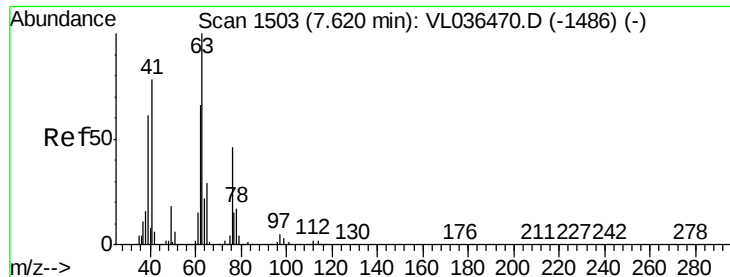
Tot Ion: 62 Resp: 2951047
 Ion Ratio Lower Upper
 62 100
 98 6.2 4.7 7.1



#38
 Trichloroethene
 Concen: 15.497 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VL036476.D
 Acq: 25 Mar 2021 5:51

Tgt Ion: 130 Resp: 1761169
 Ion Ratio Lower Upper
 130 100
 95 117.6 95.7 143.5
 132 96.8 76.2 114.4
 97 76.6 61.8 92.6





#39

1,2-Dichloropropane

Concen: 15.501 ppbv

RT: 7.62 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 5:51

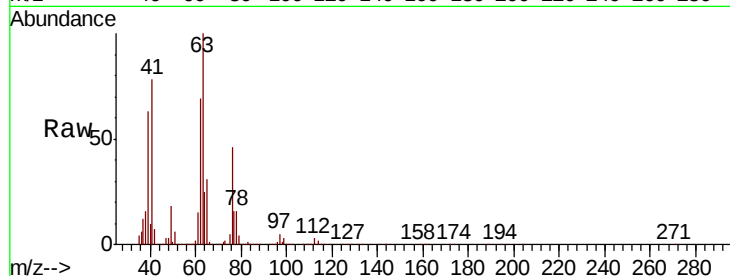
Tot Ion: 63 Resp: 2003676

Ion Ratio Lower Upper

63 100

41 77.7 62.4 93.6

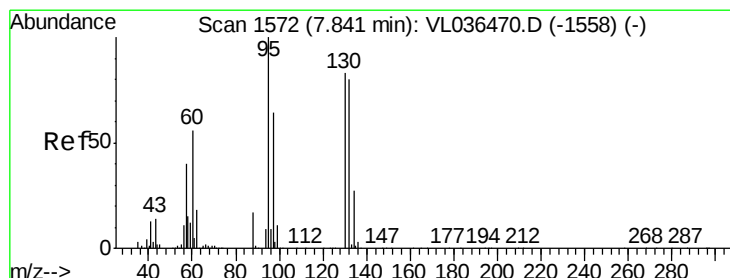
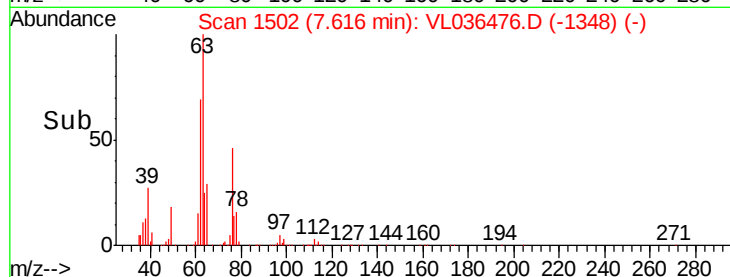
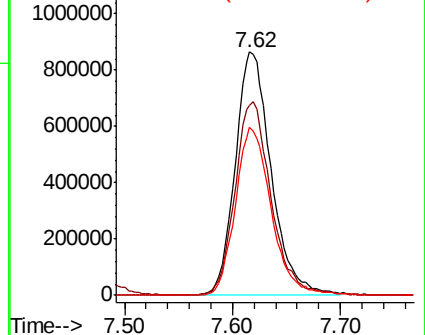
62 68.8 52.8 79.2



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: 10.037 ppbv

RT: 7.83 min Scan# 1570

Delta R.T. -0.01 min

Lab File: VL036476.D

Acq: 25 Mar 2021 5:51

Tgt Ion: 88 Resp: 396430

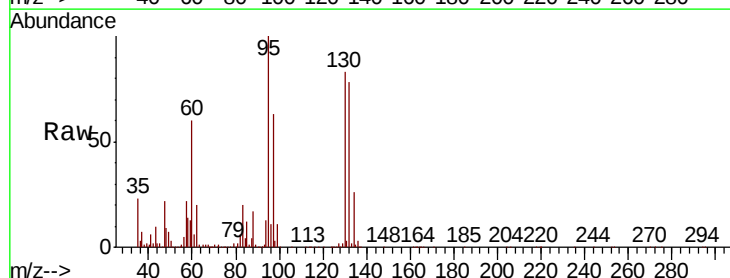
Ion Ratio Lower Upper

88 100

58 182.8 135.3 202.9

43 484.4 347.4 521.0

57 2022.0 1481.4 2222.0

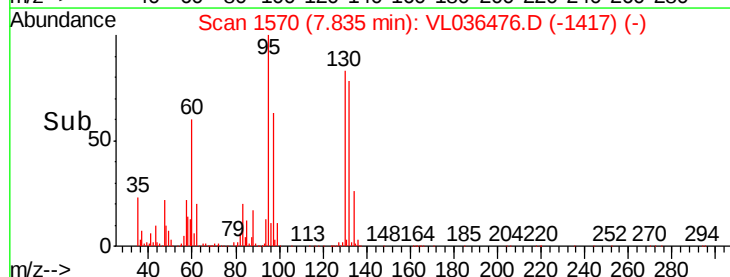
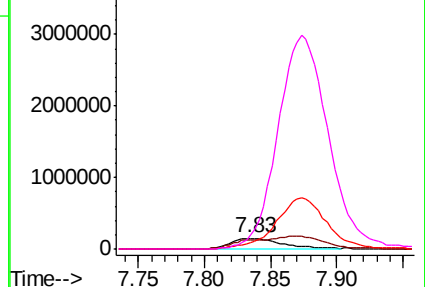


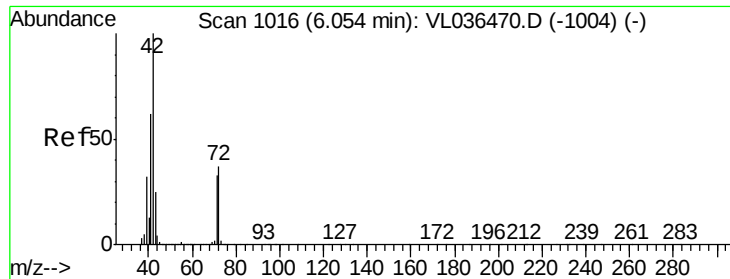
Abundance Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

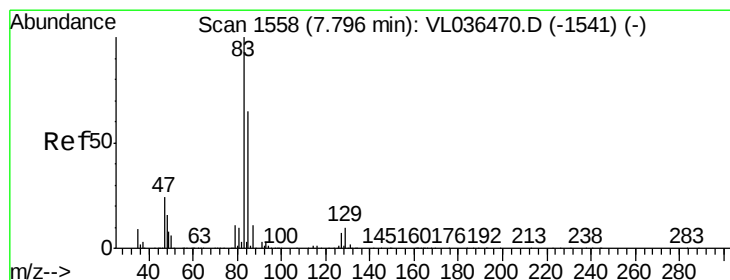
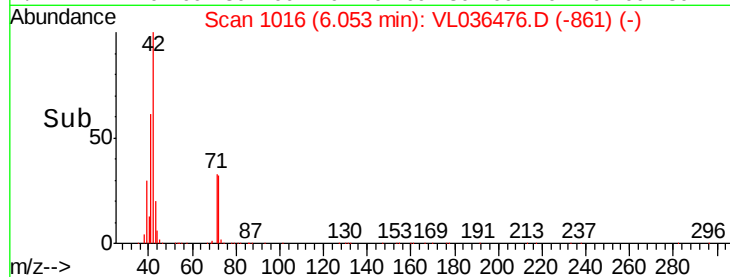
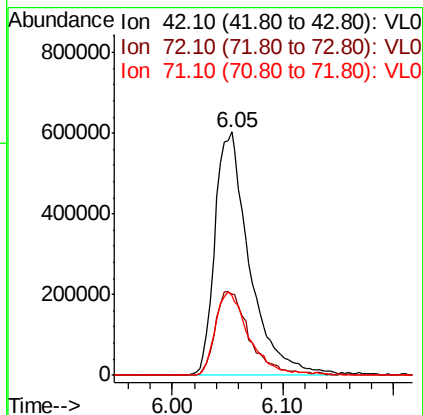
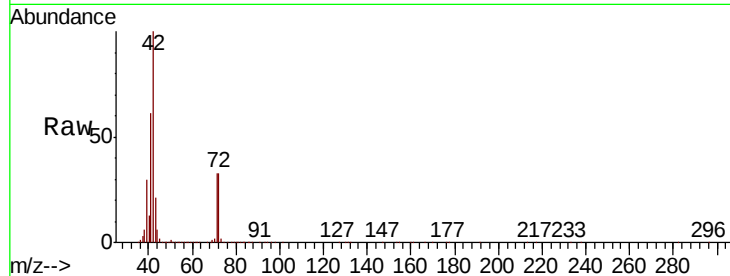




#41
Tetrahydrofuran
Concen: 11.034 ppbv
RT: 6.05 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 25 Mar 2021 5:51

Tot Ion: 42 Resp: 1299478

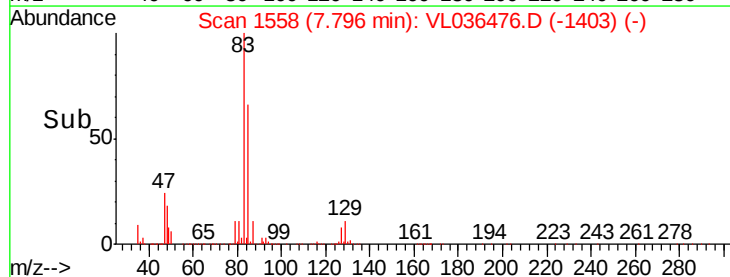
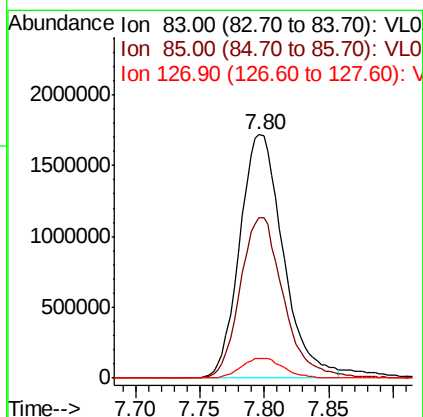
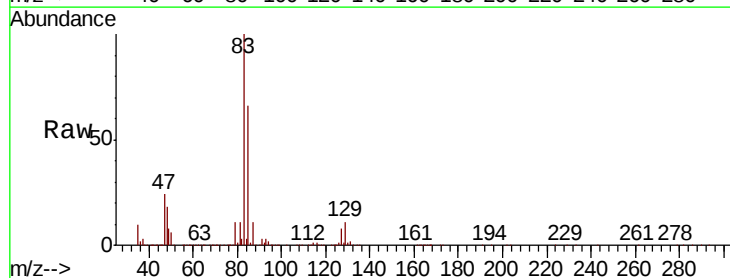
Ion	Ratio	Lower	Upper
42	100		
72	35.3	30.3	45.5
71	34.2	29.4	44.0

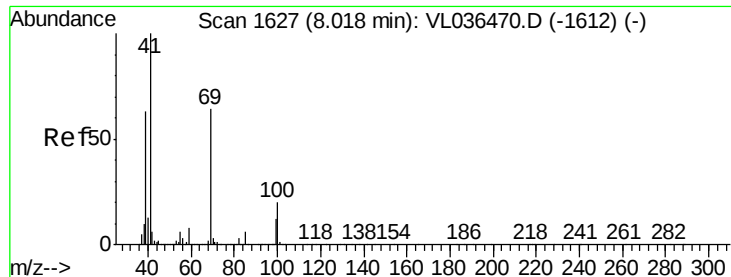


#42
Bromodichloromethane
Concen: 15.773 ppbv
RT: 7.80 min Scan# 1558
Delta R.T.: -0.00 min
Lab File: VL036476.D
Acq: 25 Mar 2021 5:51

Tgt Ion: 83 Resp: 4032871

Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.8	77.6
127	8.2	5.8	8.8





#43

Methyl Methacrylate

Concen: 15.823 ppbv

RT: 8.02 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 5:51

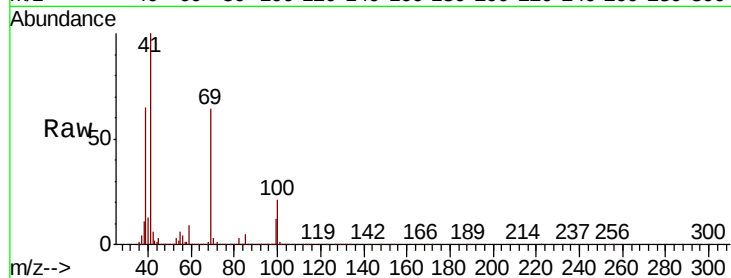
Tot Ion: 69 Resp: 1874089

Ion Ratio Lower Upper

69 100

41 159.9 126.8 190.2

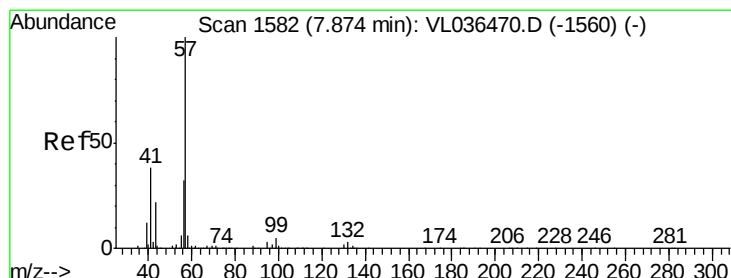
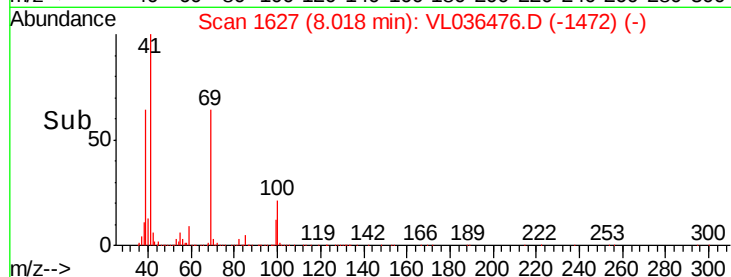
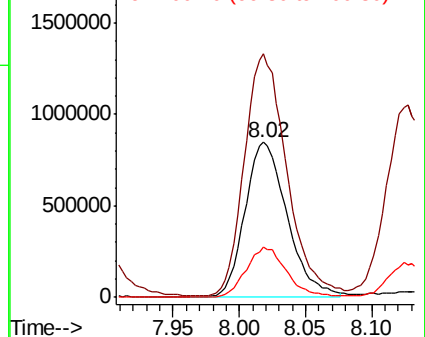
100 31.4 24.9 37.3



Abundance Ion 69.10 (68.80 to 69.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 100.10 (99.80 to 100.80): VL0



#44

2,2,4-Trimethylpentane

Concen: 14.573 ppbv

RT: 7.87 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VL036476.D

Acq: 25 Mar 2021 5:51

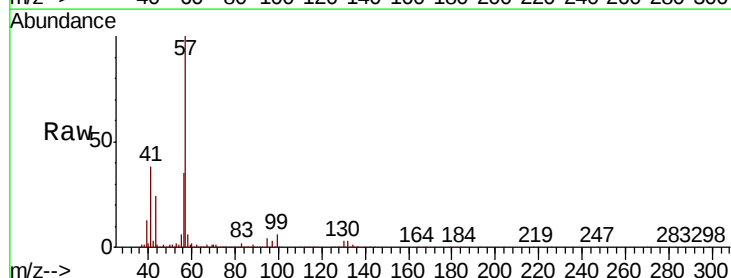
Tgt Ion: 57 Resp: 7995460

Ion Ratio Lower Upper

57 100

41 36.9 28.8 43.2

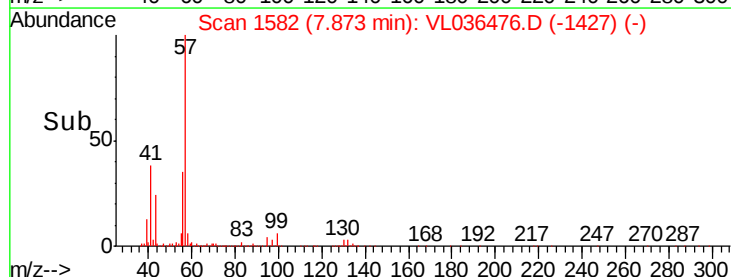
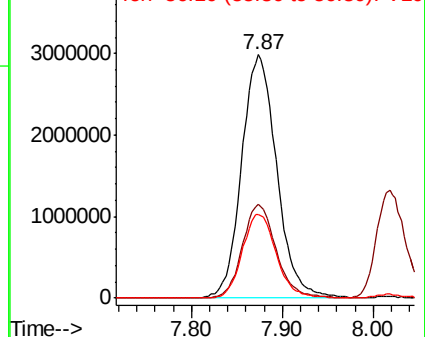
56 33.5 26.1 39.1

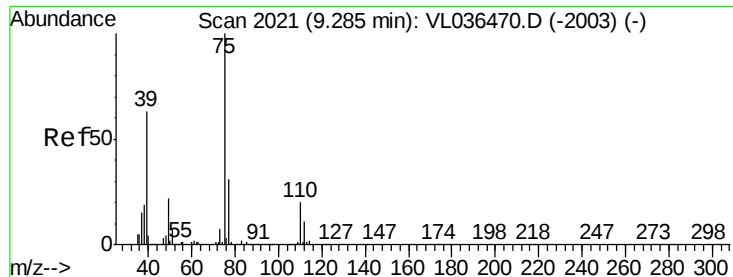


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

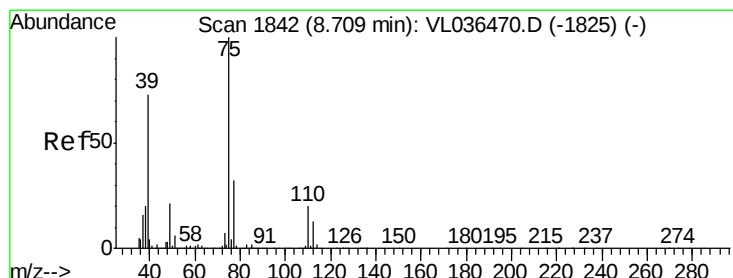
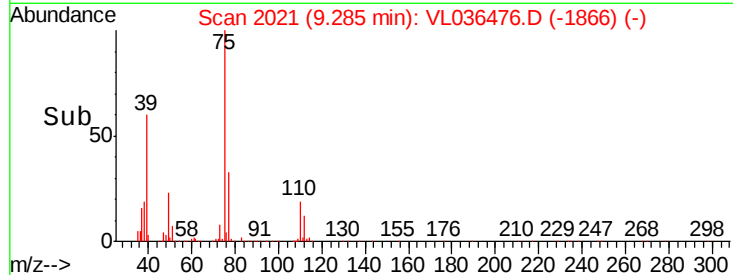
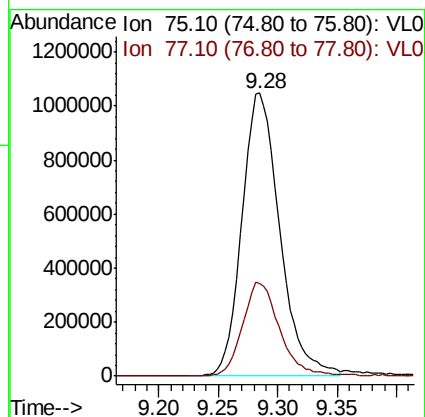
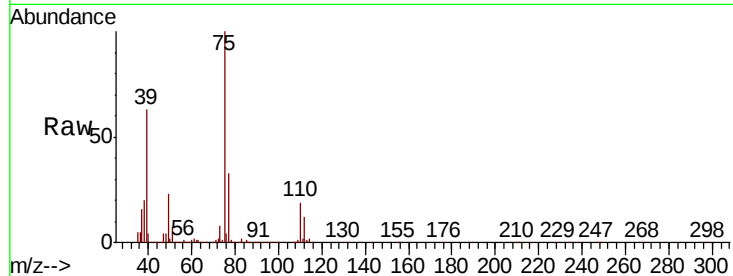
Ion 56.10 (55.80 to 56.80): VL0





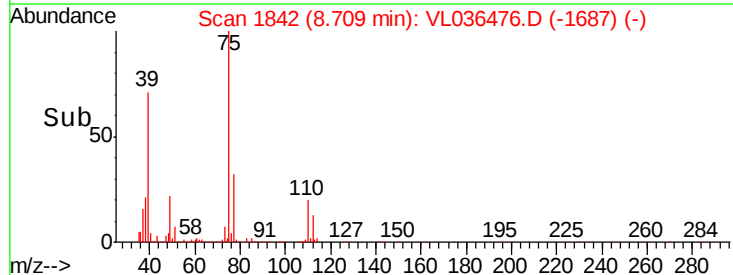
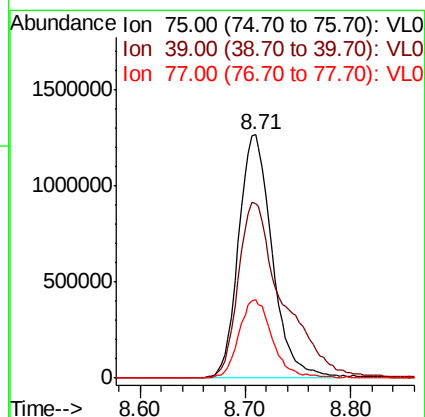
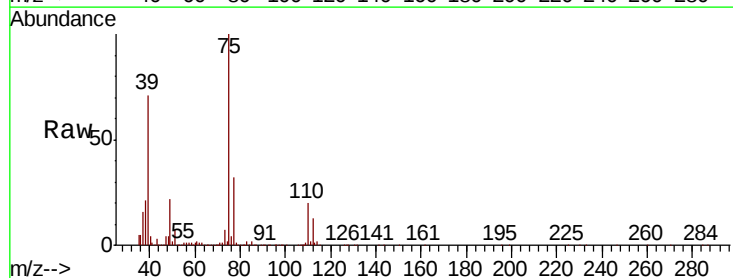
#45
t-1,3-Dichloropropene
Concen: 19.497 ppbv
RT: 9.28 Instrument :
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Mar 2021 5:51

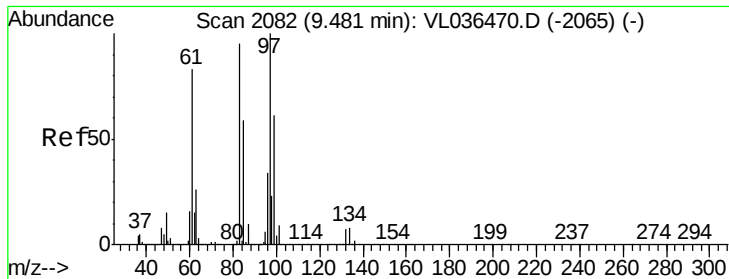
Tot Ion: 75 Resp: 2307361
Ion Ratio Lower Upper
75 100
77 32.7 25.1 37.7



#46
cis-1,3-Dichloropropene
Concen: 18.119 ppbv
RT: 8.71 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VL036476.D
Acq: 25 Mar 2021 5:51

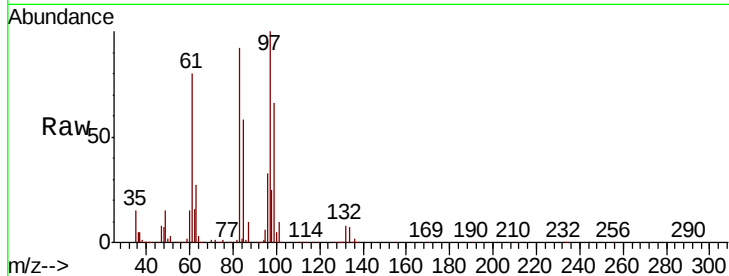
Tgt Ion: 75 Resp: 2800461
Ion Ratio Lower Upper
75 100
39 71.2 58.2 87.2
77 32.1 25.2 37.8





#47
 1,1,2-Trichloroethane
 Concen: 15.758 ppbv
 RT: 9.48 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 25 Mar 2021 5:51

Tot Ion:	97	Resp:	2014680
Ion	Ratio	Lower	Upper
97	100		
83	92.0	75.8	113.8
85	58.1	47.1	70.7
99	65.5	49.2	73.8



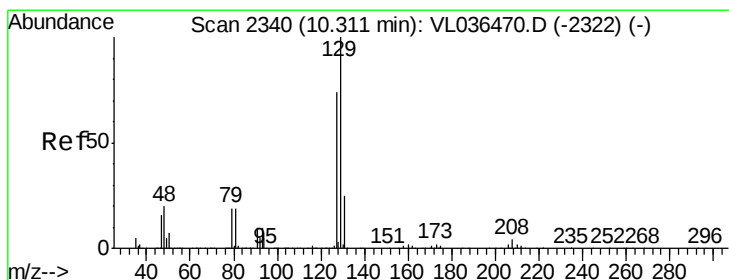
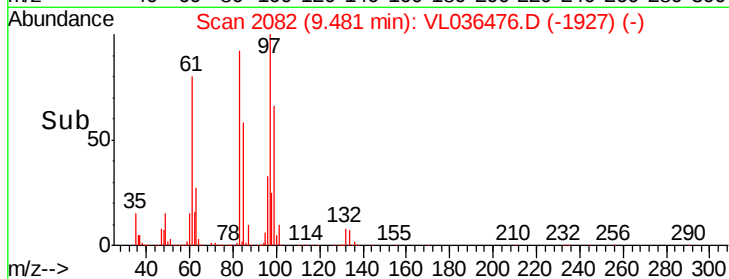
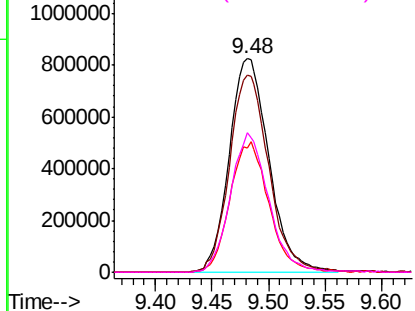
Abundance

Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

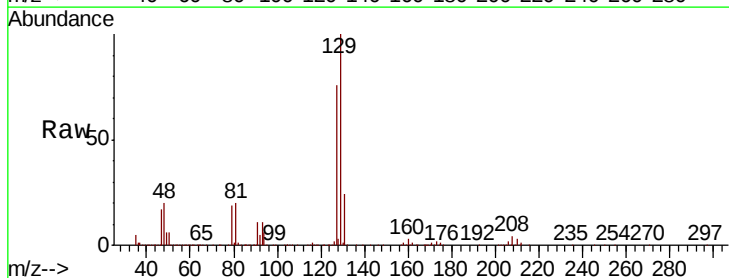
Ion 85.00 (84.70 to 85.70): VL0

Ion 99.00 (98.70 to 99.70): VL0



#48
 Dibromochloromethane
 Concen: 17.447 ppbv
 RT: 10.31 min Scan# 2340
 Delta R.T.: -0.00 min
 Lab File: VL036476.D
 Acq: 25 Mar 2021 5:51

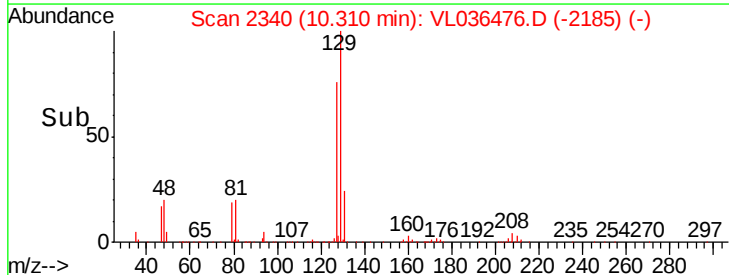
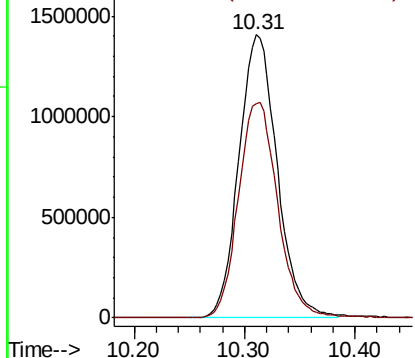
Tgt Ion:	129	Resp:	3386741
Ion	Ratio	Lower	Upper
129	100		
127	78.6	39.6	118.8

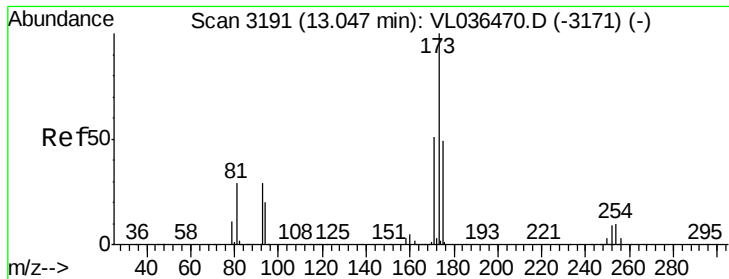


Abundance

Ion 129.00 (128.70 to 129.70): VL0

Ion 127.00 (126.70 to 127.70): VL0





#49

Bromoform

Concen: 17.607 ppbv

RT: 13.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 5:51

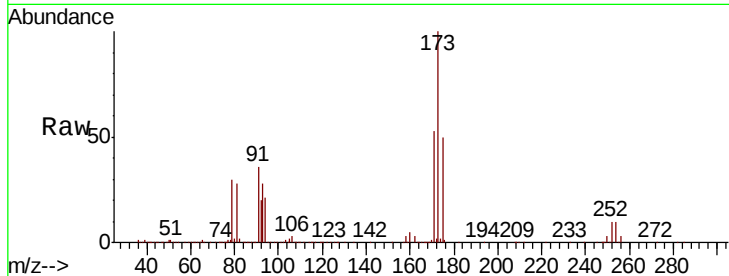
Tot Ion:173 Resp: 2789137

Ion Ratio Lower Upper

173 100

175 50.8 39.6 59.4

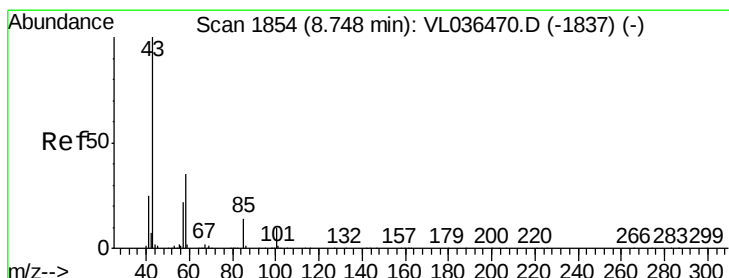
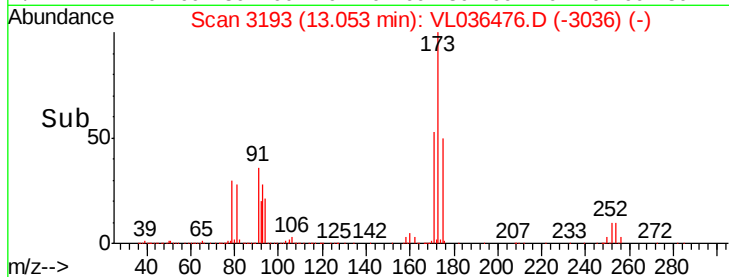
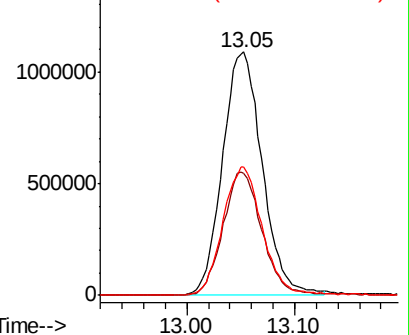
171 53.1 41.4 62.0



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: 12.767 ppbv

RT: 8.74 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VL036476.D

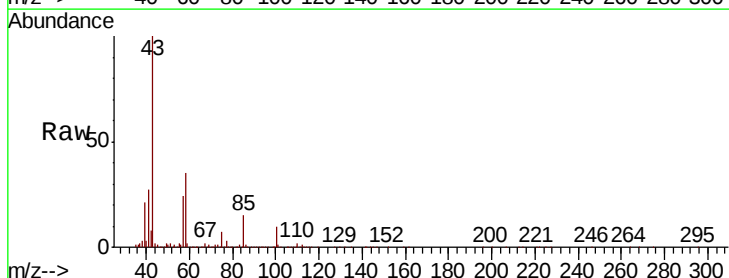
Acq: 25 Mar 2021 5:51

Tgt Ion: 43 Resp: 4083230

Ion Ratio Lower Upper

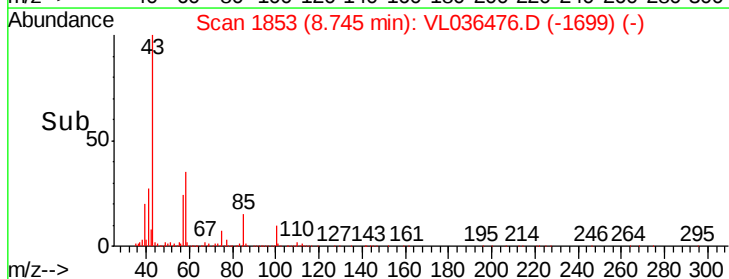
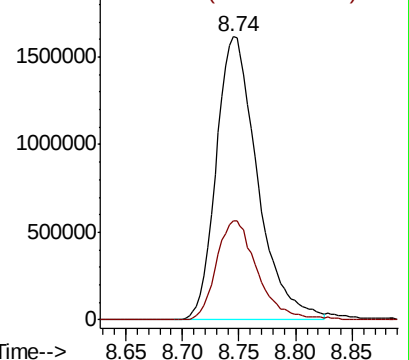
43 100

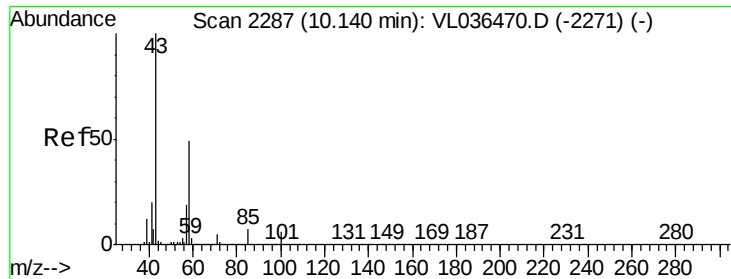
58 35.4 28.1 42.1



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

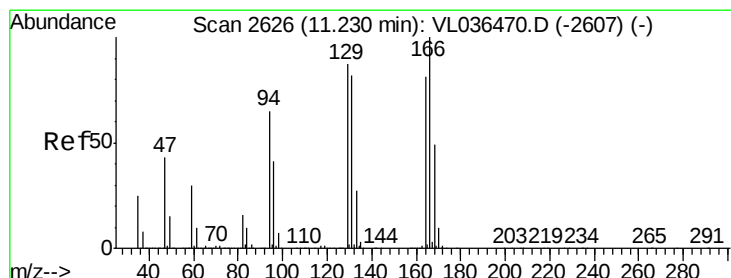
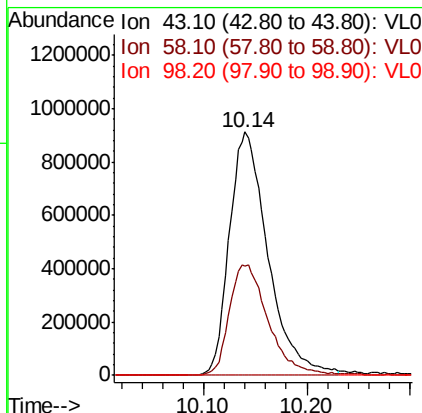
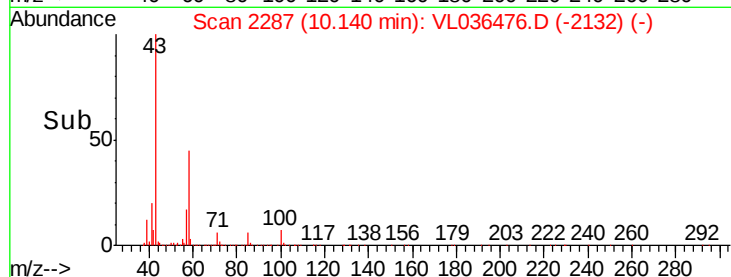
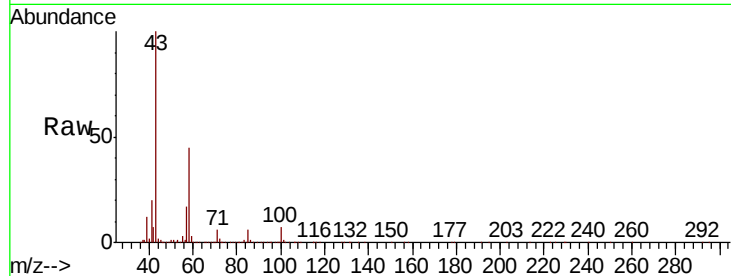




#51
 2-Hexanone
 Concen: 10.481 ppbv
 RT: 10.14 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Mar 2021 5:51

Tot Ion: 43 Resp: 2380402

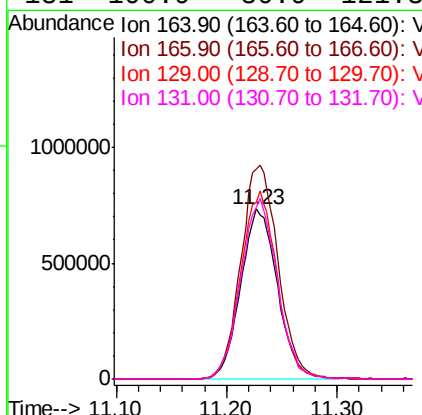
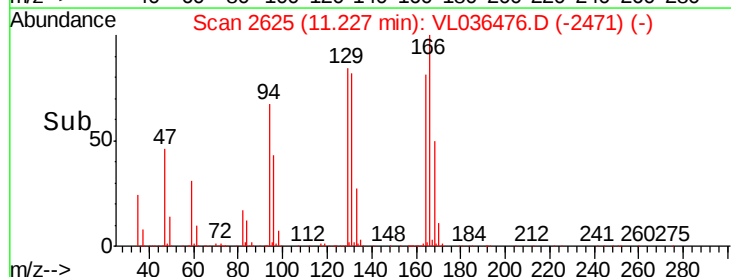
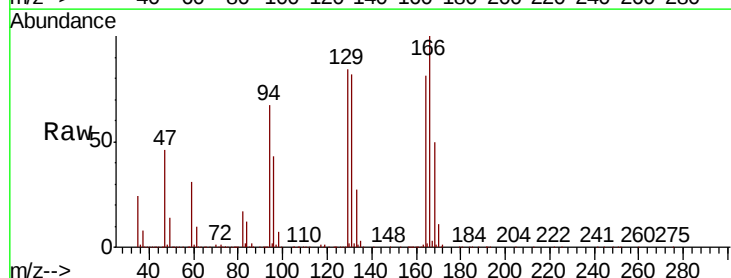
Ion	Ratio	Lower	Upper
43	100		
58	46.4	37.7	56.5
98	0.6	0.2	0.2#

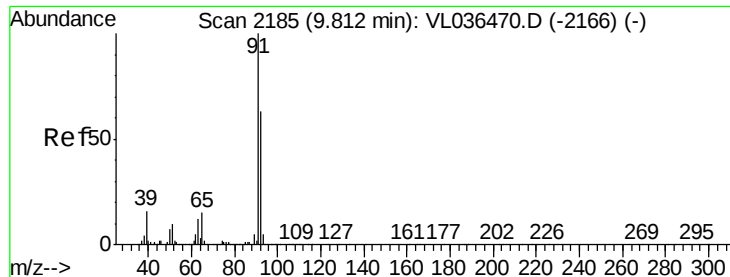


#52
 Tetrachloroethene
 Concen: 14.962 ppbv
 RT: 11.23 min Scan# 2625
 Delta R.T.: -0.00 min
 Lab File: VL036476.D
 Acq: 25 Mar 2021 5:51

Tgt Ion: 164 Resp: 1688585

Ion	Ratio	Lower	Upper
164	100		
166	123.7	98.3	147.5
129	104.3	85.8	128.8
131	100.9	80.9	121.3





#53

Toluene

Concen: 16.917 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

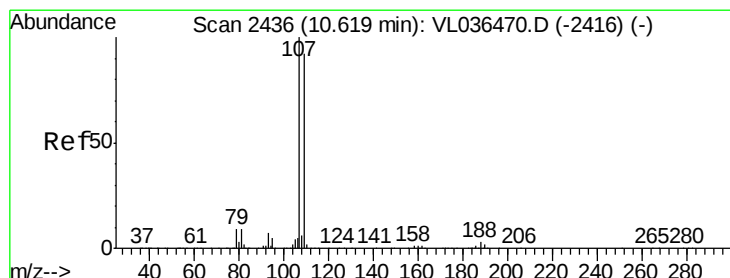
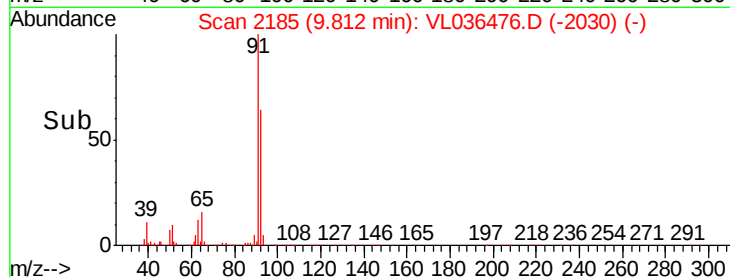
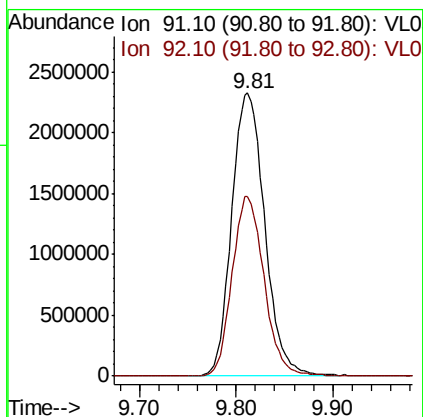
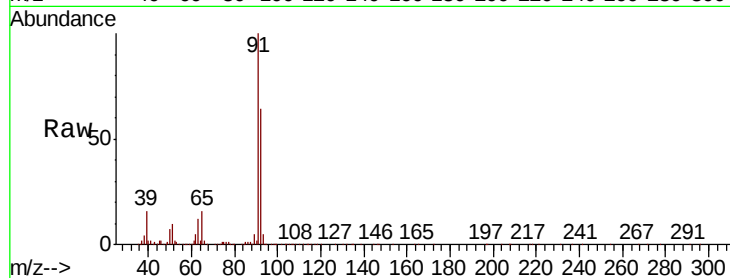
Acq: 25 Mar 2021 5:51

Tot Ion: 91 Resp: 5522662

Ion Ratio Lower Upper

91 100

92 61.6 48.9 73.3



#54

1,2-Dibromoethane

Concen: 16.155 ppbv

RT: 10.62 min Scan# 2436

Delta R.T. -0.00 min

Lab File: VL036476.D

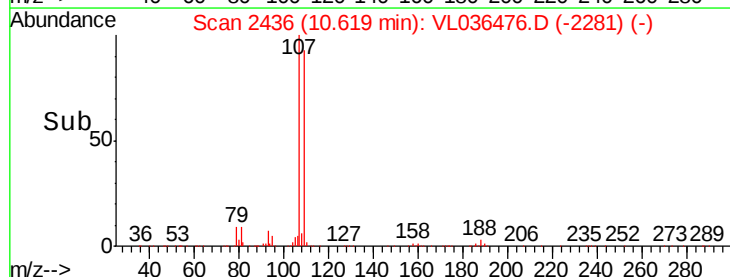
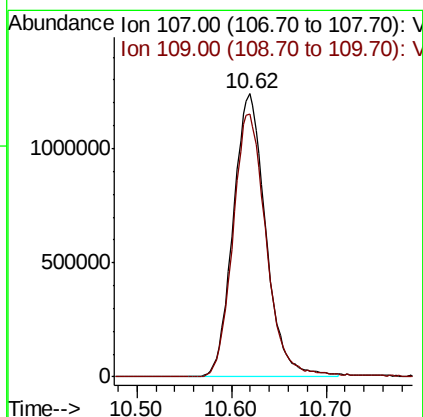
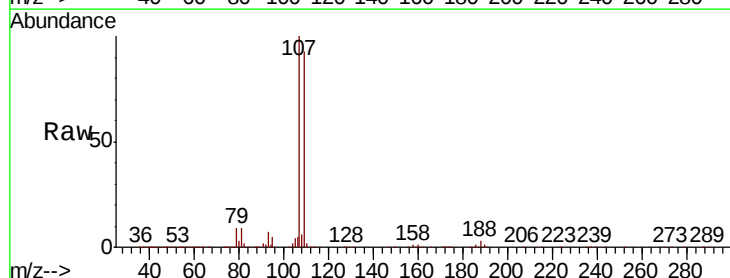
Acq: 25 Mar 2021 5:51

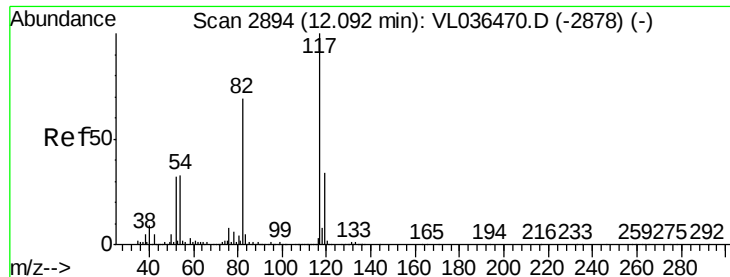
Tgt Ion: 107 Resp: 2971083

Ion Ratio Lower Upper

107 100

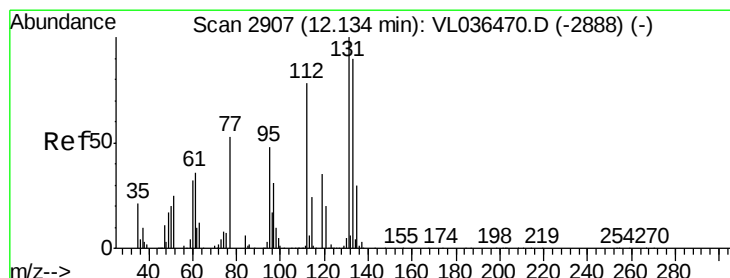
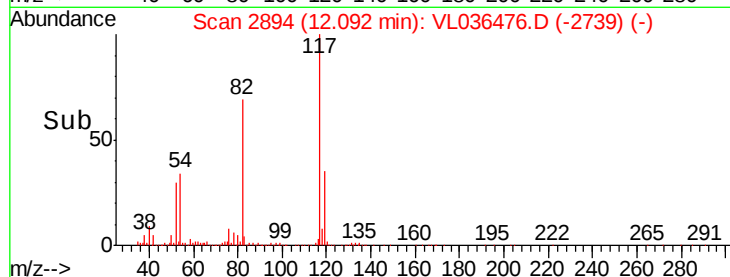
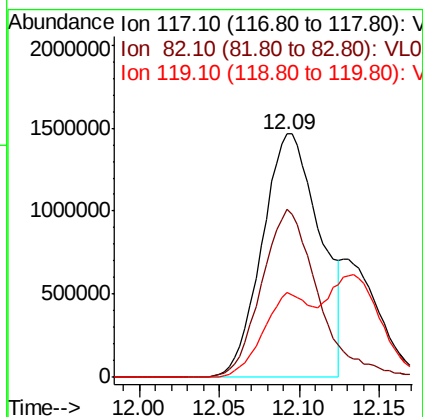
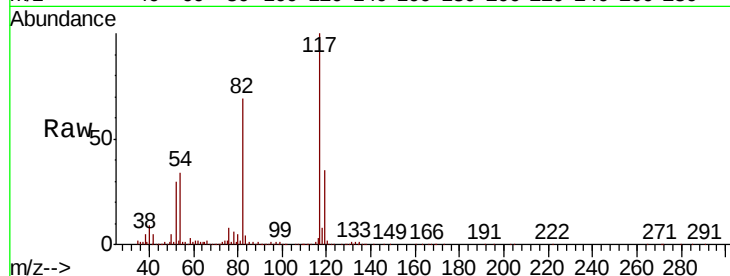
109 92.7 73.9 110.9





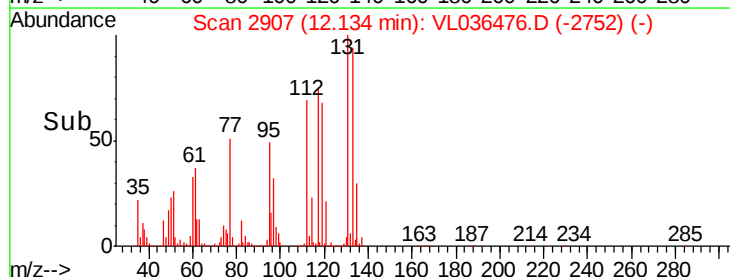
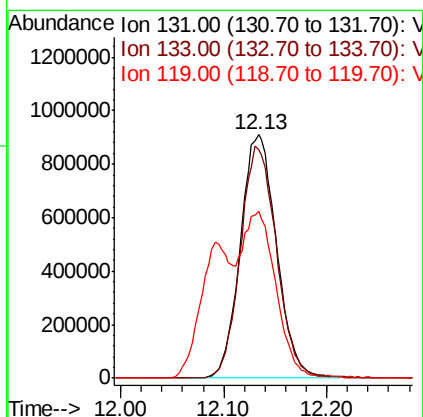
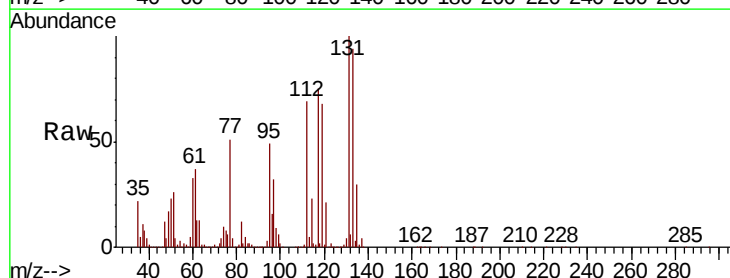
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 25 Mar 2021 5:51

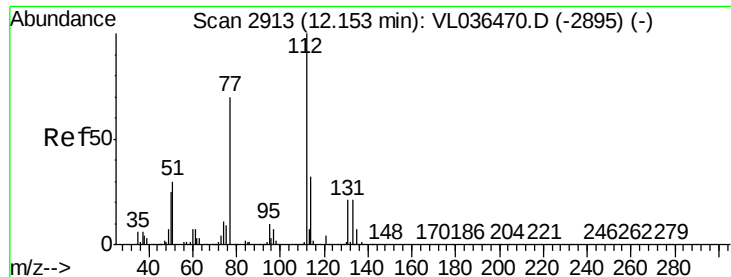
Tot Ion:117 Resp: 3679064
Ion Ratio Lower Upper
117 100
82 67.9 57.4 86.0
119 0.0 47.4 71.2#



#56
1,1,1,2-Tetrachloroethane
Concen: 13.485 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. -0.00 min
Lab File: VL036476.D
Acq: 25 Mar 2021 5:51

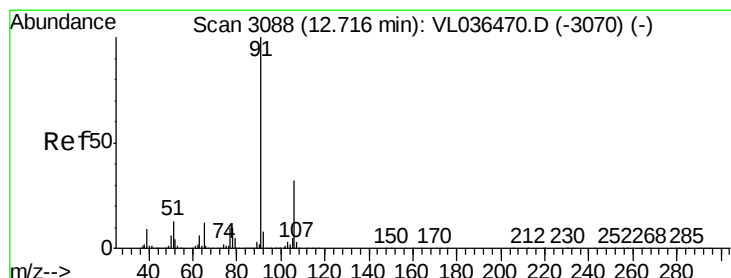
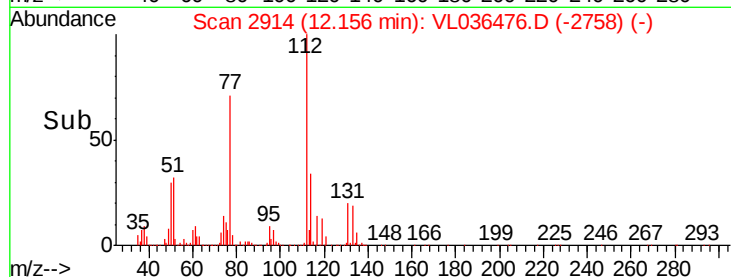
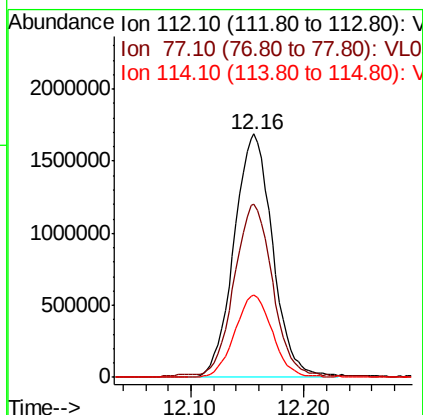
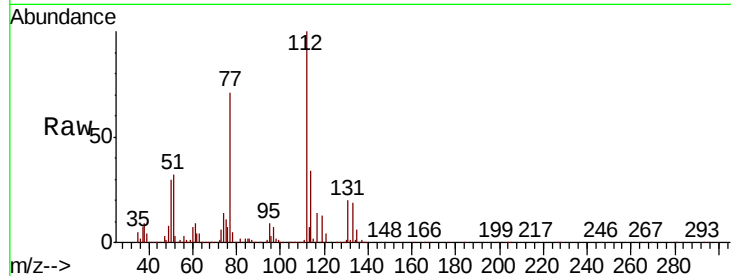
Tgt Ion:131 Resp: 2217988
Ion Ratio Lower Upper
131 100
133 95.3 76.0 114.0
119 114.6 44.9 67.3#





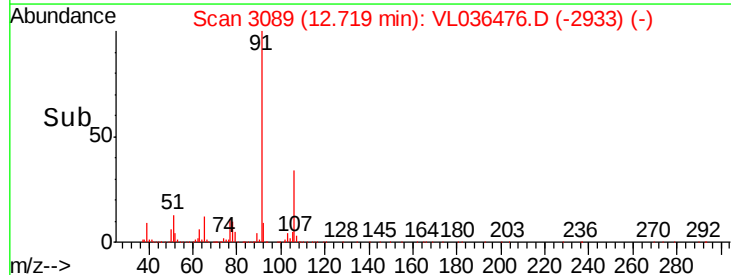
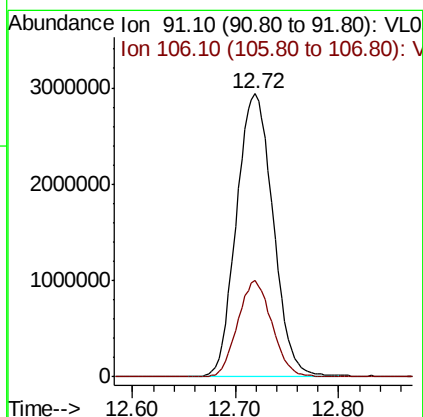
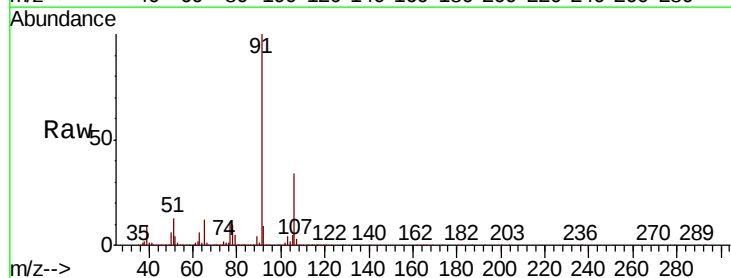
#57
Chlorobenzene
Concen: 14.599 ppbv
RT: 12.16 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 25 Mar 2021 5:51

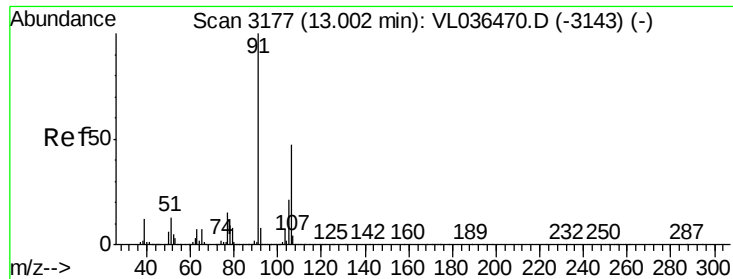
Tot Ion: 112 Resp: 3997133
Ion Ratio Lower Upper
112 100
77 70.2 56.0 84.0
114 33.6 29.0 35.4



#58
Ethyl Benzene
Concen: 15.386 ppbv
RT: 12.72 min Scan# 3089
Delta R.T. 0.00 min
Lab File: VL036476.D
Acq: 25 Mar 2021 5:51

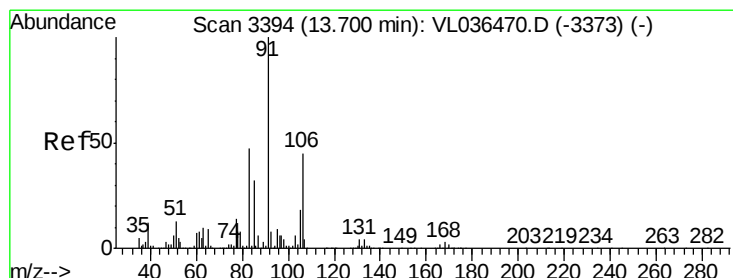
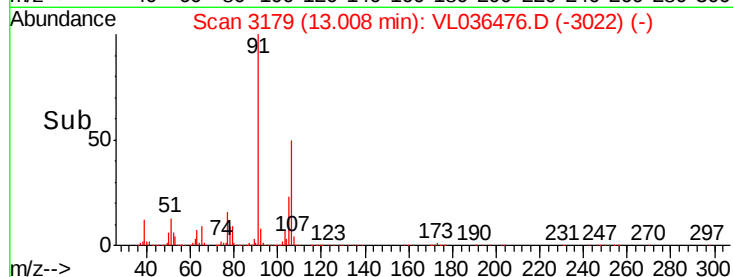
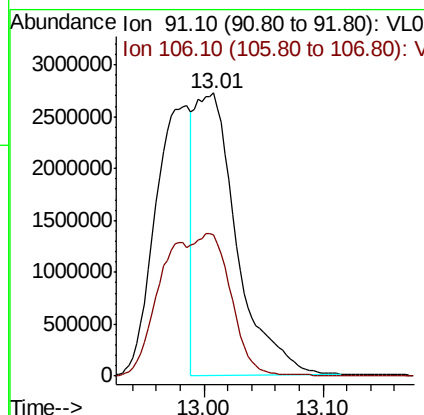
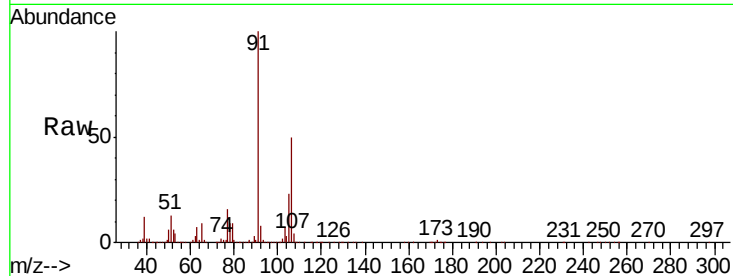
Tgt Ion: 91 Resp: 7262014
Ion Ratio Lower Upper
91 100
106 34.1 25.3 37.9





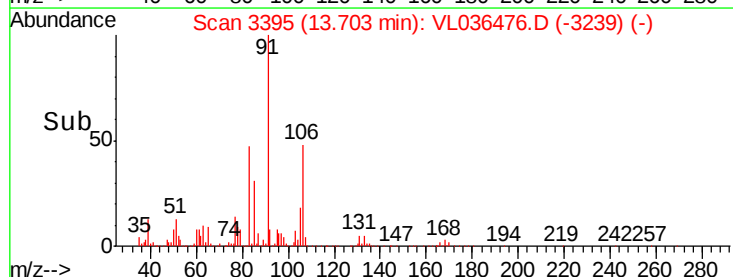
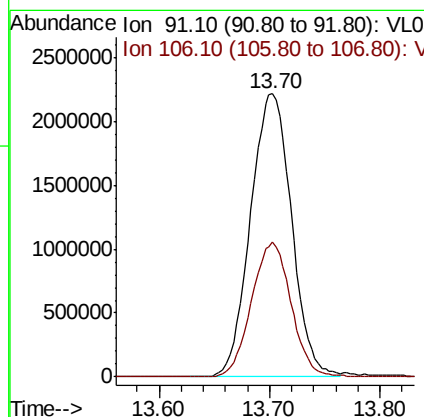
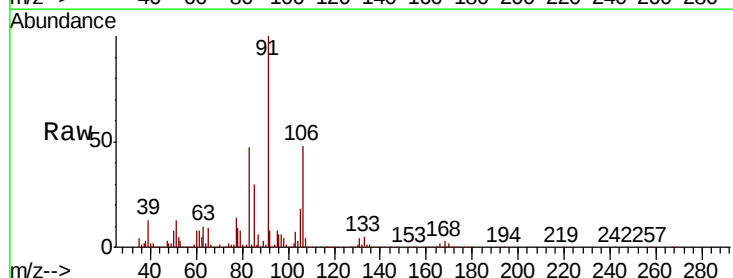
#59
m/p-Xylene
Concen: 15.989 ppbv
RT: 13.01 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 25 Mar 2021 5:51

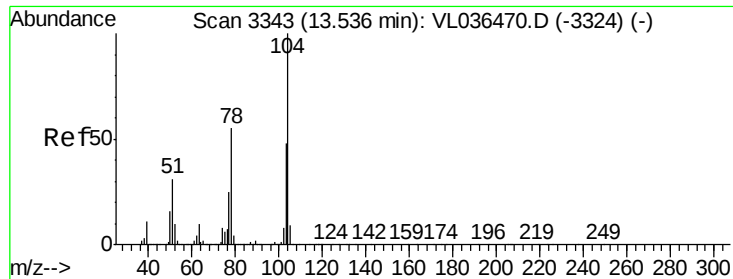
Tot Ion: 91 Resp: 6633291
Ion Ratio Lower Upper
91 100
106 83.0 35.2 52.8#



#60
o-Xylene
Concen: 14.336 ppbv
RT: 13.70 min Scan# 3395
Delta R.T.: 0.00 min
Lab File: VL036476.D
Acq: 25 Mar 2021 5:51

Tgt Ion: 91 Resp: 5712345
Ion Ratio Lower Upper
91 100
106 46.2 22.3 66.9





#61

Stvrene

Concen: 15.600 ppbv

RT: 13.54

Delta R.T. MSVOA_L

Lab File:

Acq: 25 Mar 2021 5:51

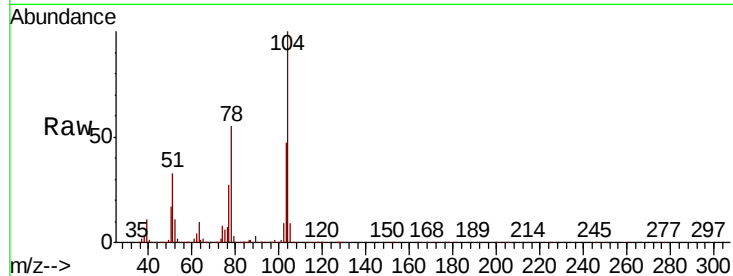
Tot Ion:104 Resp: 3655975

Ion Ratio Lower Upper

104 100

78 55.7 43.7 65.5

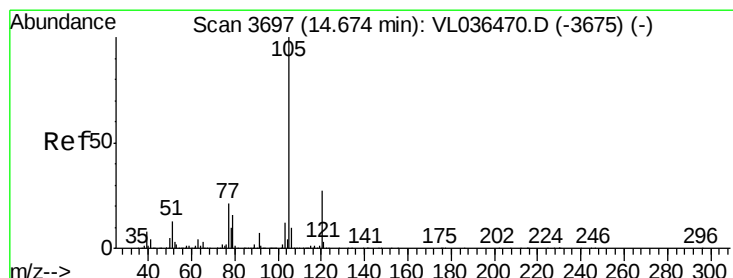
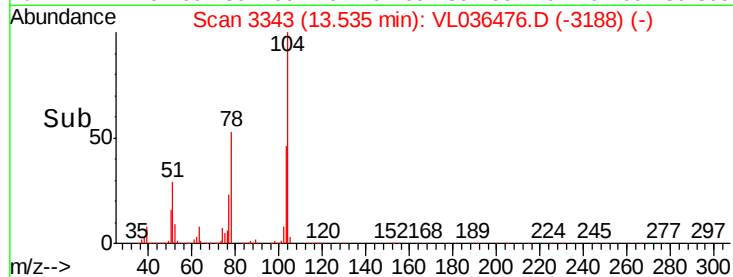
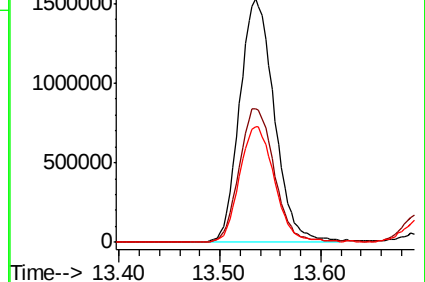
103 48.0 38.3 57.5



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 13.234 ppbv

RT: 14.68 min Scan# 3698

Delta R.T. 0.00 min

Lab File: VL036476.D

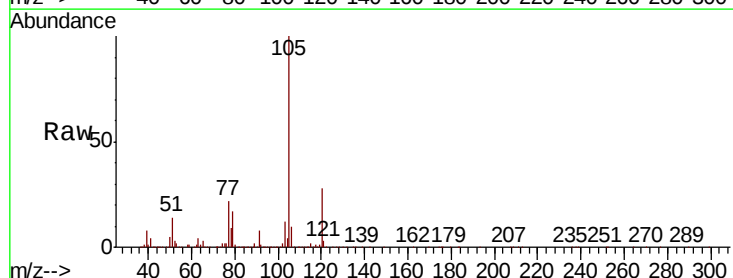
Acq: 25 Mar 2021 5:51

Tgt Ion:105 Resp: 7808558

Ion Ratio Lower Upper

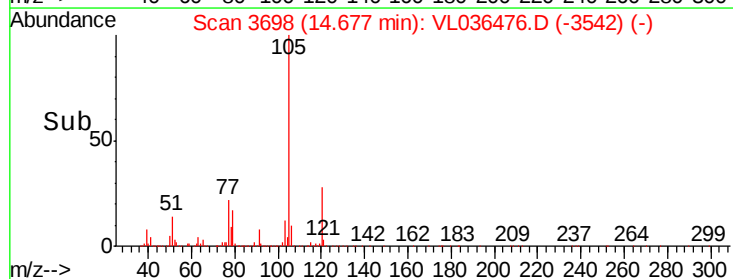
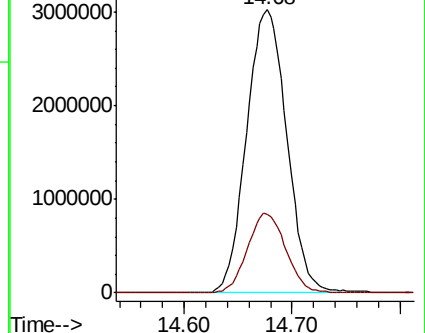
105 100

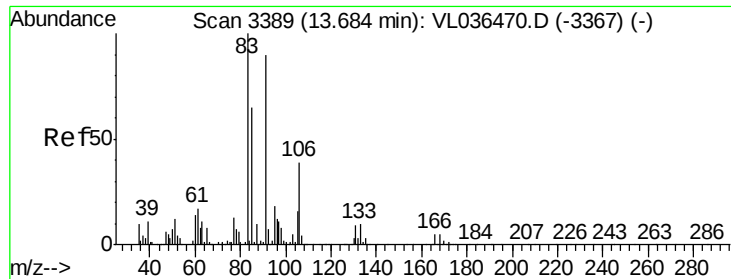
120 27.0 20.6 31.0



Abundance Ion 105.10 (104.80 to 105.80): V

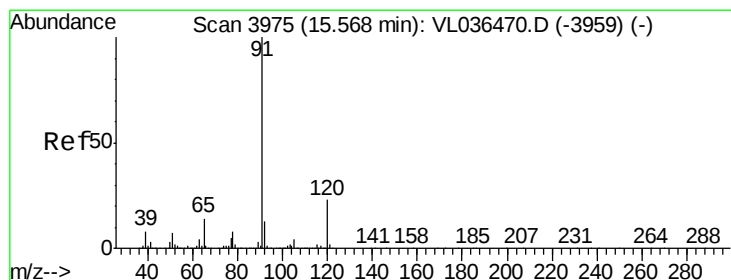
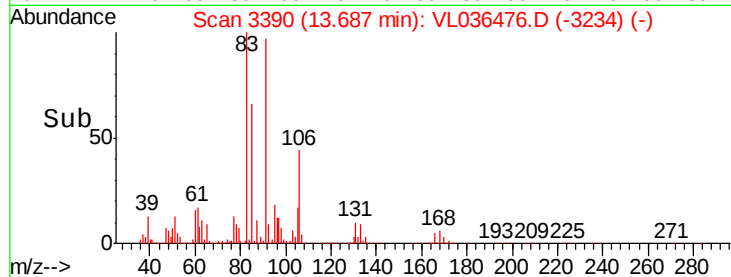
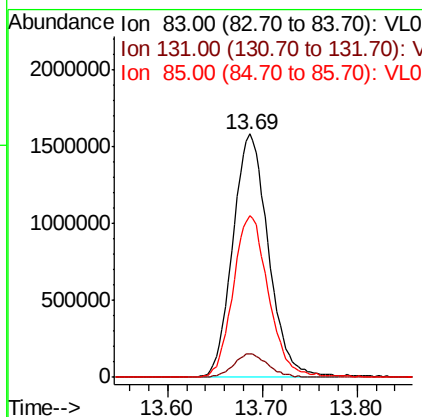
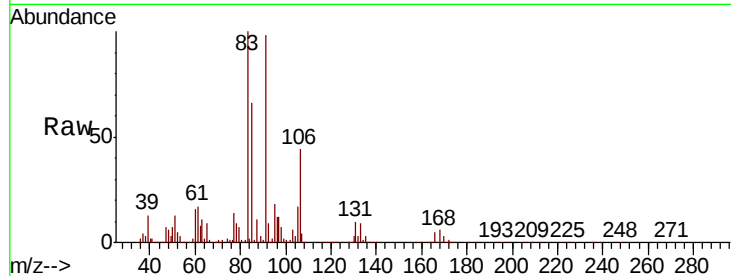
Ion 120.20 (119.90 to 120.90): V





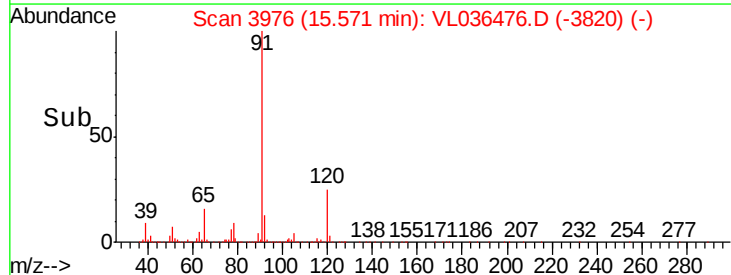
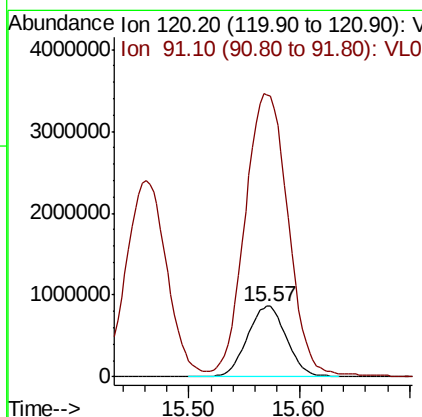
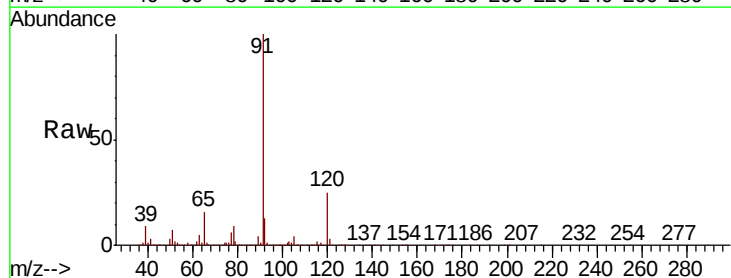
#63
 1,1,2,2-Tetrachloroethane
 Concen: 13.441 ppbv
 RT: 13.69 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 25 Mar 2021 5:51

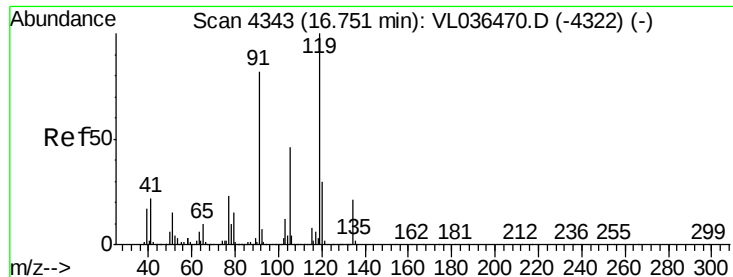
Tot Ion: 83 Resp: 4142424
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.7 14.0
 85 66.2 33.2 99.6



#64
 n-propylbenzene
 Concen: 14.426 ppbv
 RT: 15.57 min Scan# 3976
 Delta R.T.: 0.00 min
 Lab File: VL036476.D
 Acq: 25 Mar 2021 5:51

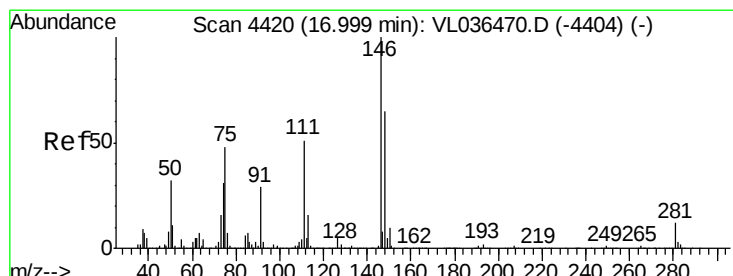
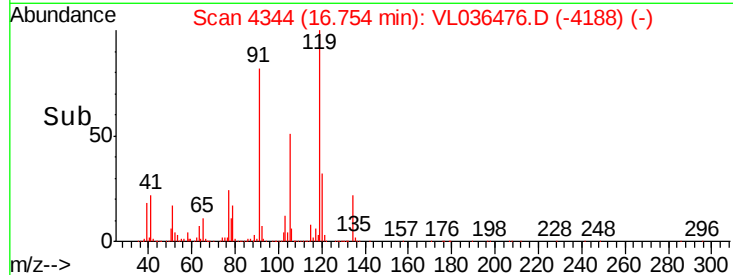
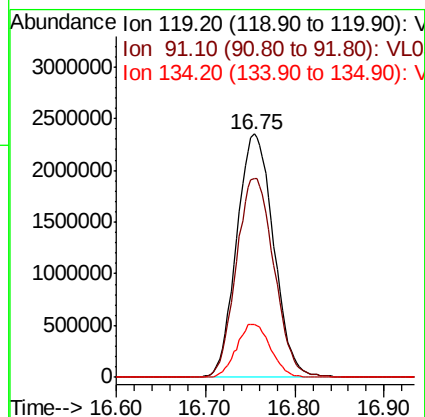
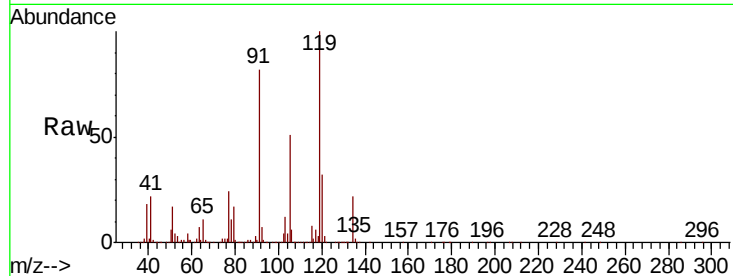
Tgt Ion: 120 Resp: 2119441
 Ion Ratio Lower Upper
 120 100
 91 443.3 377.8 566.6





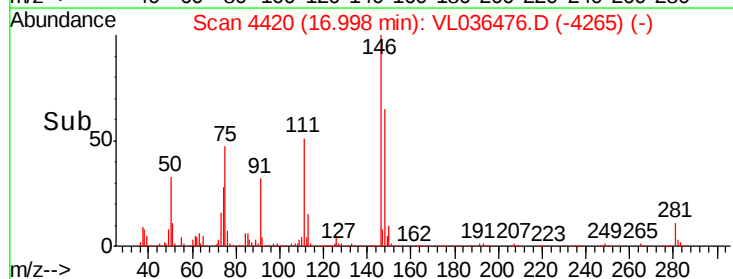
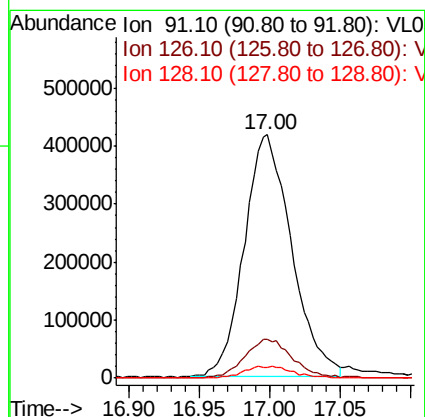
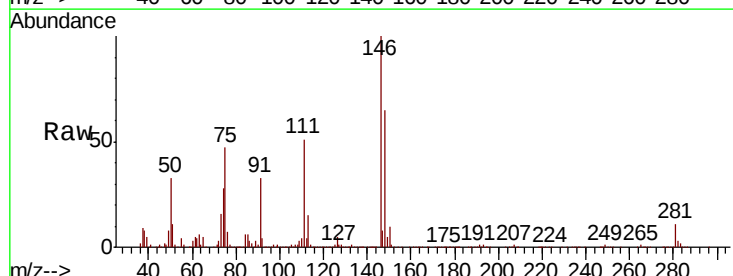
#65
tert-Butylbenzene
Concen: 13.115 ppbv
RT: 16.75 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Mar 2021 5:51

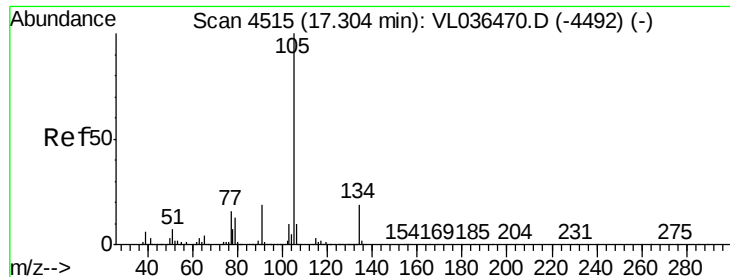
Tot Ion:	119	Resp:	6728894
Ion	Ratio	Lower	Upper
119	100		
91	84.1	67.5	101.3
134	20.3	15.8	23.8



#66
Benzyl Chloride
Concen: 8.217 ppbv
RT: 17.00 min Scan# 4420
Delta R.T. -0.00 min
Lab File: VL036476.D
Acq: 25 Mar 2021 5:51

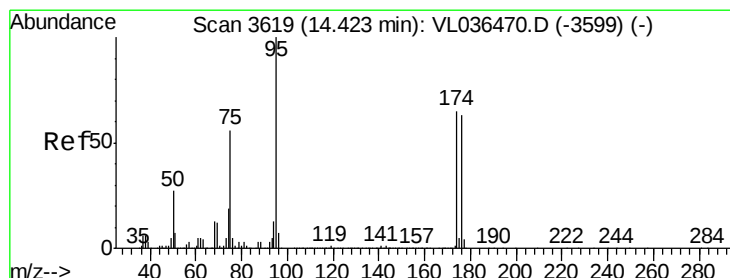
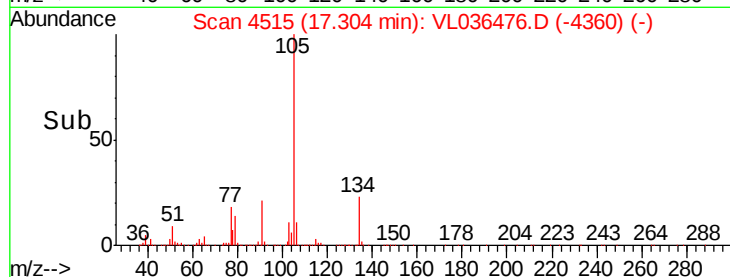
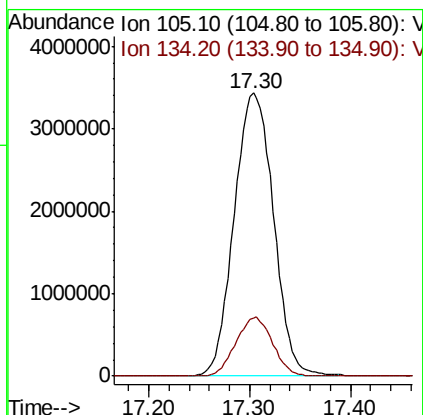
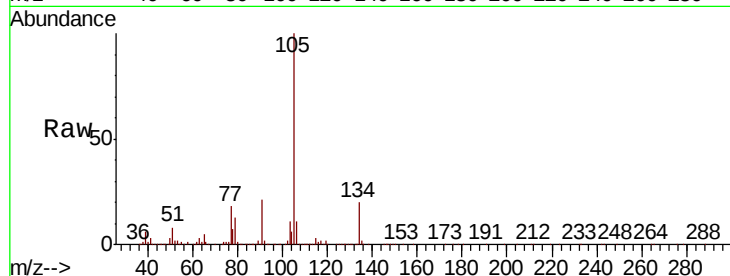
Tgt Ion:	91	Resp:	986011
Ion	Ratio	Lower	Upper
91	100		
126	16.5	13.5	20.3
128	5.3	4.2	6.2





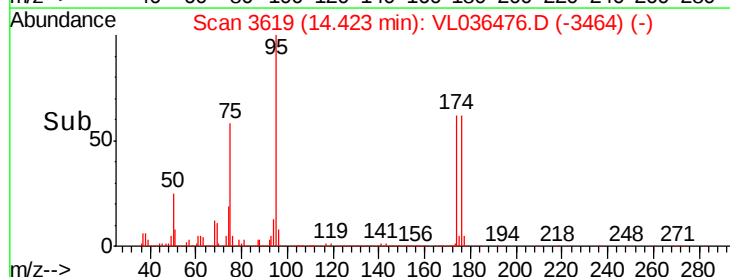
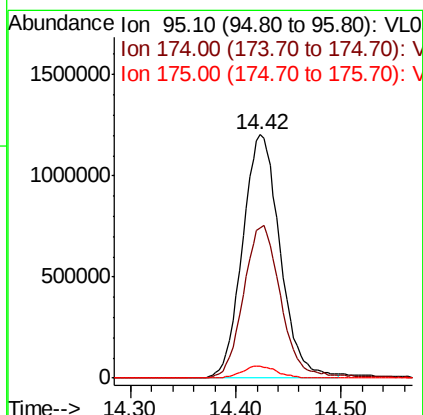
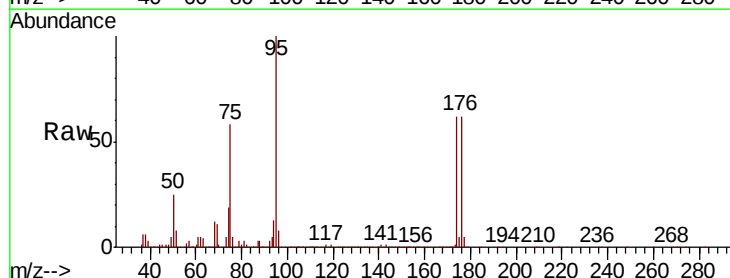
#67
 sec-Butylbenzene
 Concen: 12.962 ppbv
 RT: 17.30 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Mar 2021 5:51

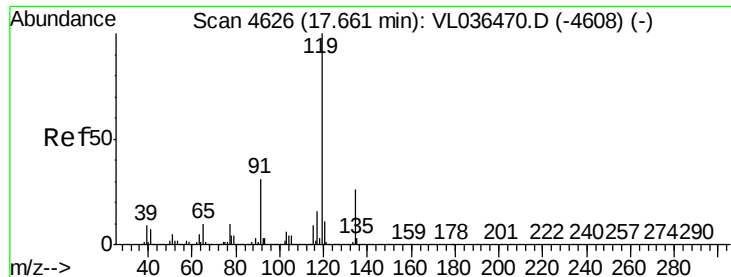
Tot Ion: 105 Resp: 9273582
 Ion Ratio Lower Upper
 105 100
 134 19.7 14.7 22.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.840 ppbv
 RT: 14.42 min Scan# 3619
 Delta R.T.: -0.00 min
 Lab File: VL036476.D
 Acq: 25 Mar 2021 5:51

Tgt Ion: 95 Resp: 2975158
 Ion Ratio Lower Upper
 95 100
 174 63.2 51.0 76.6
 175 4.8 3.9 5.9





#69

p-Isopropyltoluene

Concen: 13.585 ppbv

RT: 17.66 min

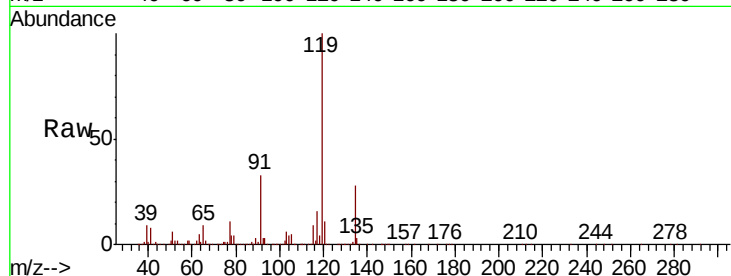
Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 5:51

Tot Ion: 119 Resp: 7777622

Ion	Ratio	Lower	Upper
119	100		
134	26.7	20.6	30.8
91	31.8	25.0	37.4

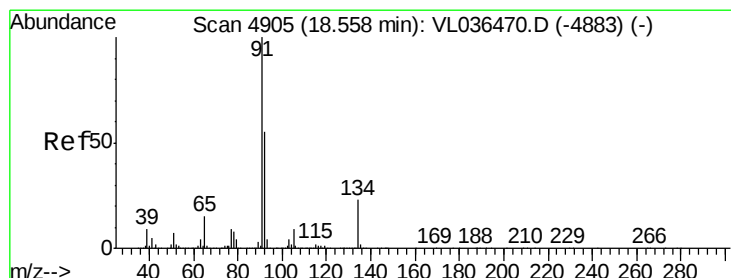
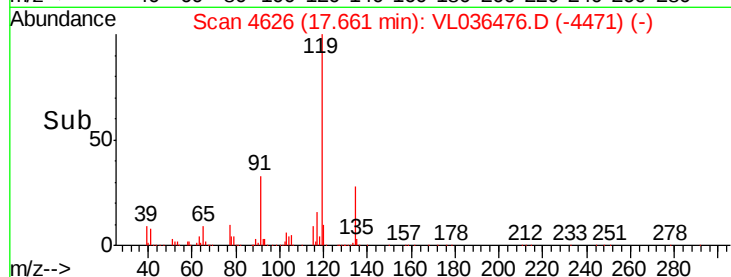
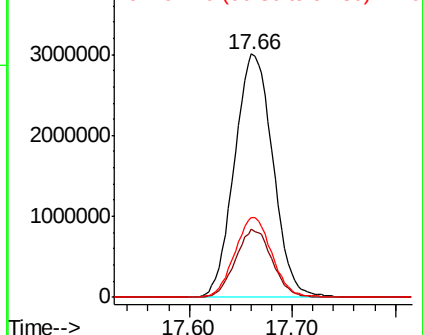


Abundance

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: 13.465 ppbv

RT: 18.56 min Scan# 4905

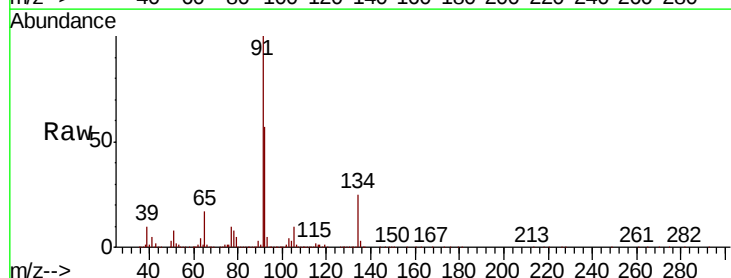
Delta R.T. -0.00 min

Lab File: VL036476.D

Acq: 25 Mar 2021 5:51

Tgt Ion: 91 Resp: 7961471

Ion	Ratio	Lower	Upper
91	100		
92	56.3	43.8	65.8
134	23.7	18.0	27.0

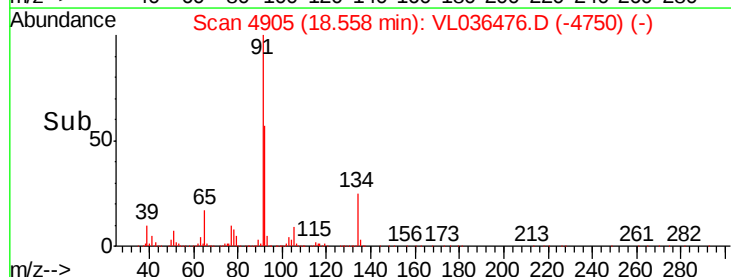
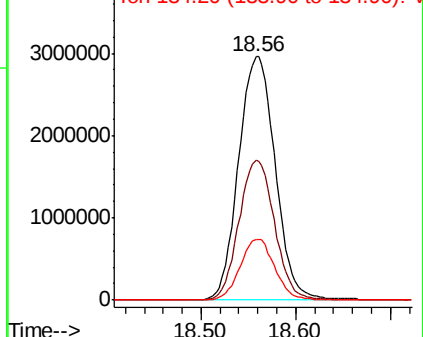


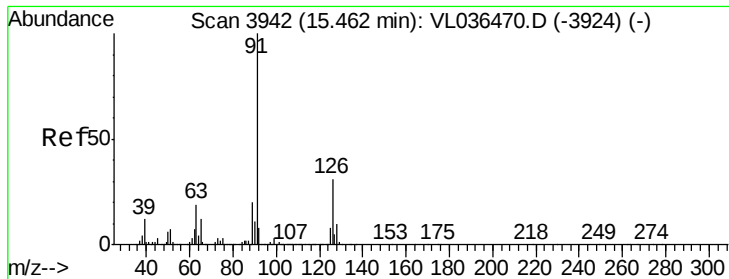
Abundance

Ion 91.10 (90.80 to 91.80): V

Ion 92.10 (91.80 to 92.80): V

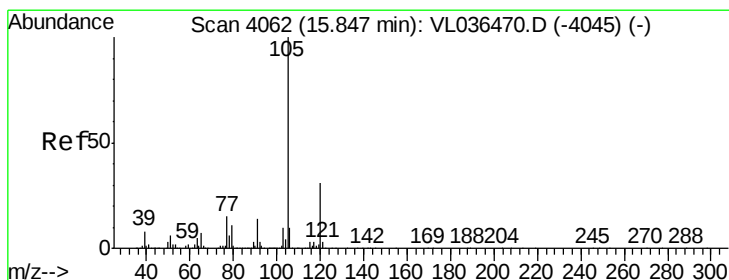
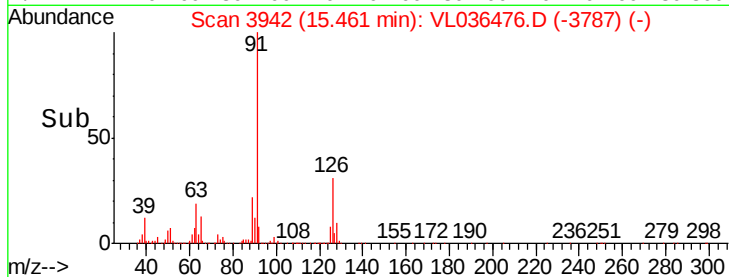
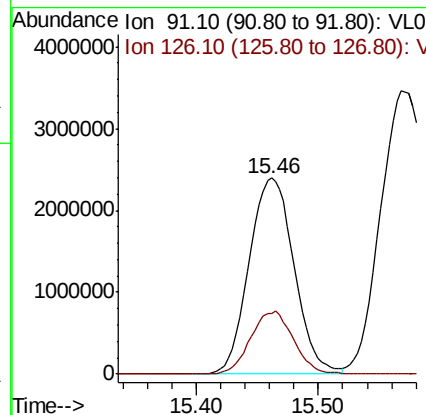
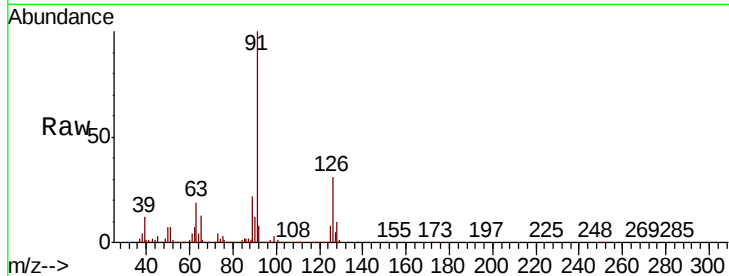
Ion 134.20 (133.90 to 134.90): V





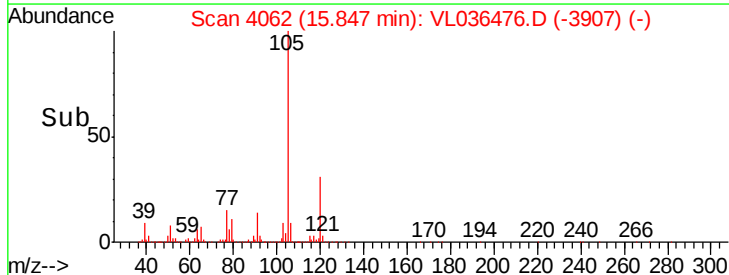
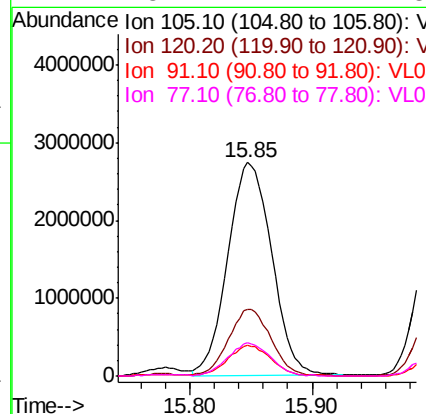
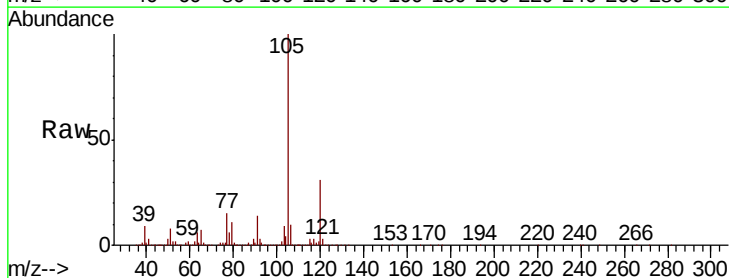
#71
 2-Chlorotoluene
 Concen: 13.816 ppbv
 RT: 15.46 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 Acq: 25 Mar 2021 5:51

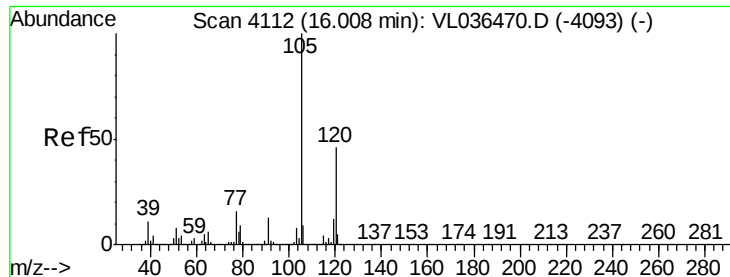
Tot Ion: 91 Resp: 6108543
 Ion Ratio Lower Upper
 91 100
 126 31.2 12.1 48.5



#72
 4-Ethyltoluene
 Concen: 15.735 ppbv
 RT: 15.85 min Scan# 4062
 Delta R.T. -0.00 min
 Lab File: VL036476.D
 Acq: 25 Mar 2021 5:51

Tgt Ion: 105 Resp: 6825861
 Ion Ratio Lower Upper
 105 100
 120 30.7 24.0 36.0
 91 13.8 11.0 16.4
 77 15.2 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 15.007 ppbv

RT: 16.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

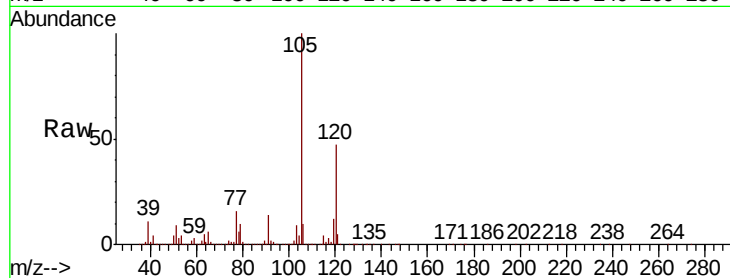
Acq: 25 Mar 2021 5:51

Tot Ion:105 Resp: 6272736

Ion Ratio Lower Upper

105 100

120 46.6 36.6 54.8



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

2500000

2000000

1500000

1000000

500000

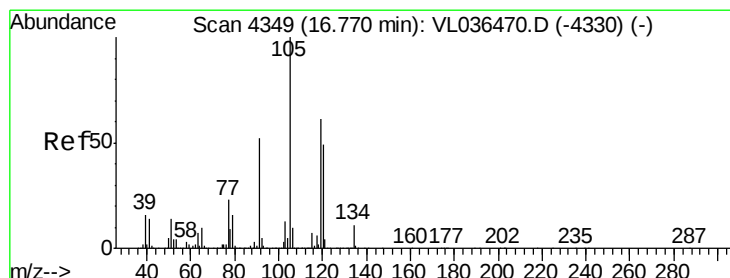
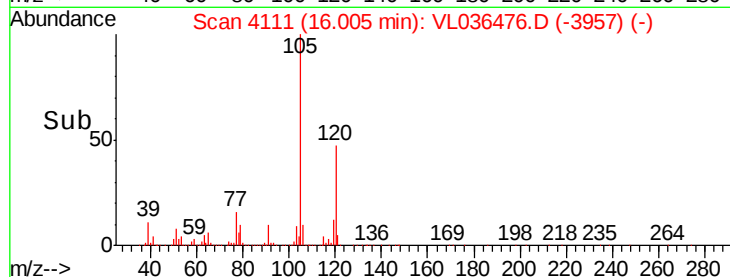
0

15.90

16.00

16.10

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 14.116 ppbv

RT: 16.77 min Scan# 4350

Delta R.T. 0.00 min

Lab File: VL036476.D

Acq: 25 Mar 2021 5:51

Tgt Ion:105 Resp: 6261614

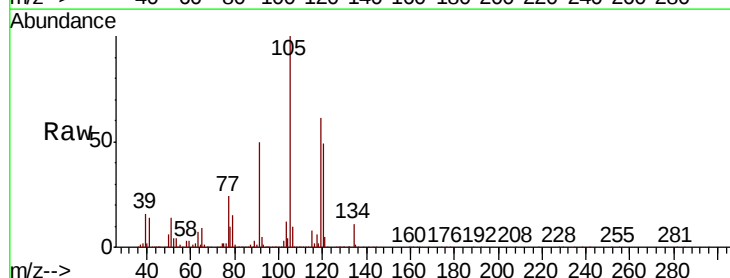
Ion Ratio Lower Upper

105 100

120 48.8 39.2 58.8

91 49.5 42.6 64.0

77 23.6 18.6 28.0



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

3000000

2000000

1000000

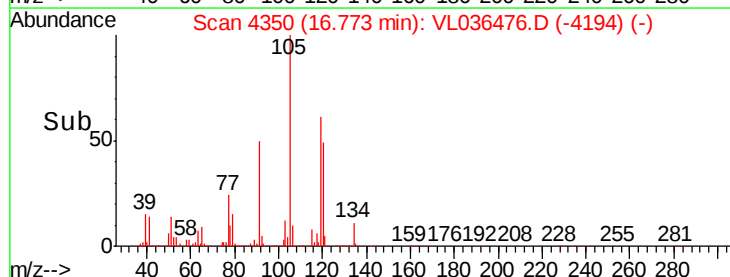
0

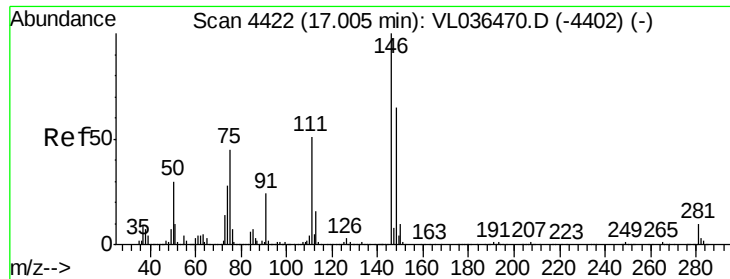
16.70

16.80

16.90

Time-->

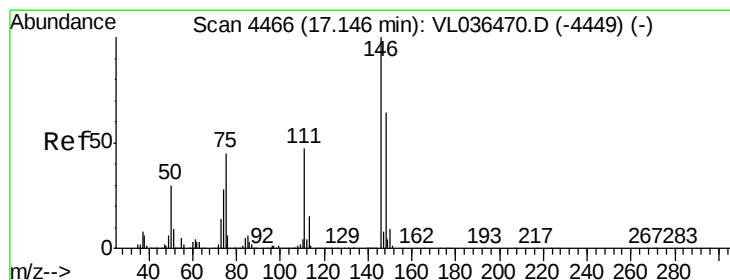
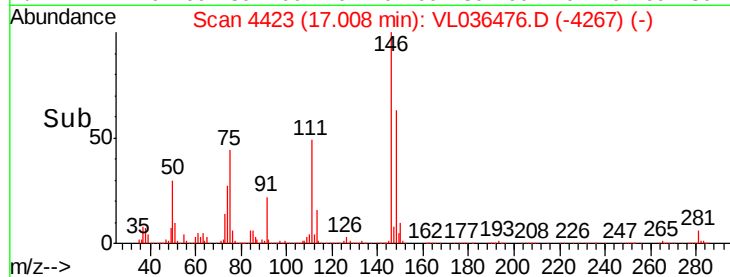
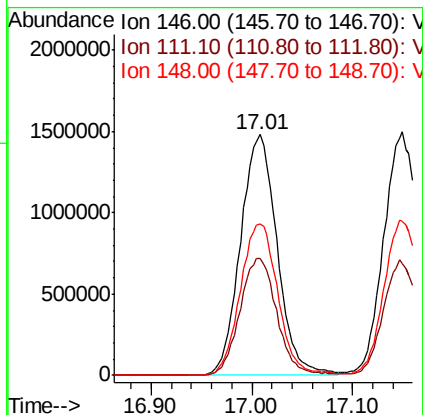
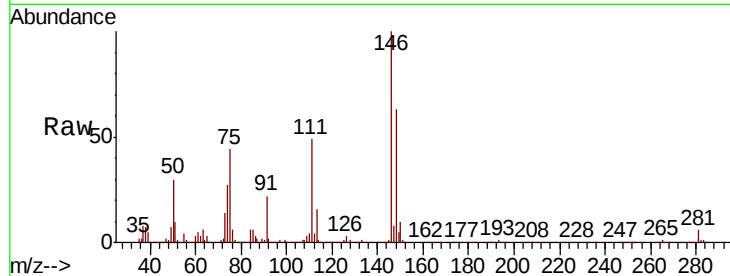




#75
 1,3-Dichlorobenzene
 Concen: 15.011 ppbv
 RT: 17.01 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Mar 2021 5:51

Tot Ion:146 Resp: 3726042

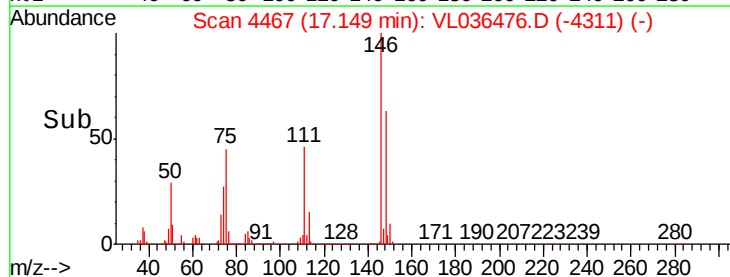
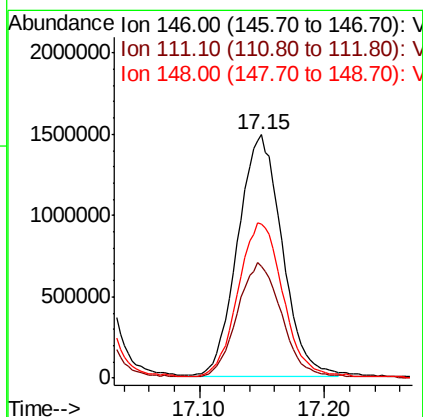
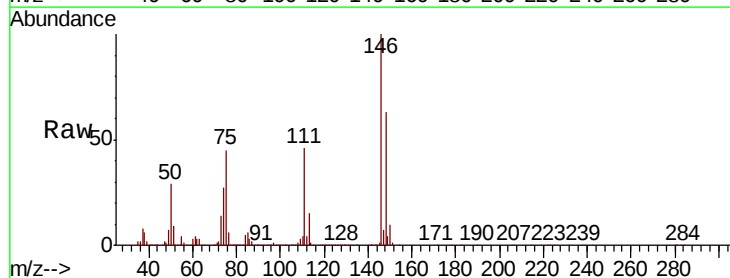
Ion	Ratio	Lower	Upper
146	100		
111	49.0	24.6	73.8
148	64.4	32.3	96.8

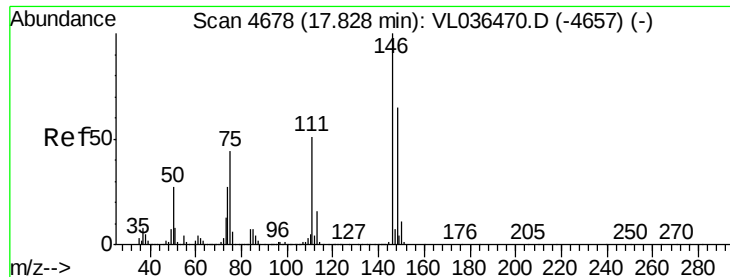


#76
 1,4-Dichlorobenzene
 Concen: 14.768 ppbv
 RT: 17.15 min Scan# 4467
 Delta R.T. 0.00 min
 Lab File: VL036476.D
 Acq: 25 Mar 2021 5:51

Tgt Ion:146 Resp: 3658775

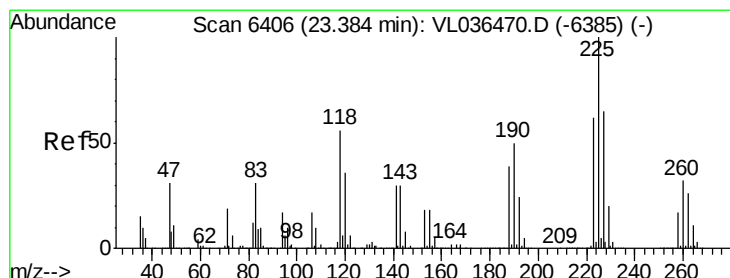
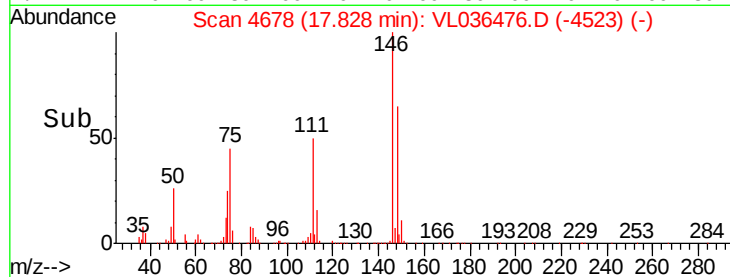
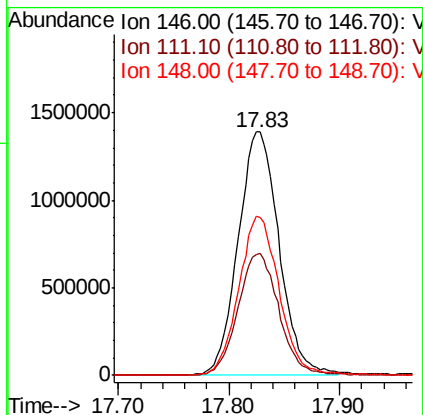
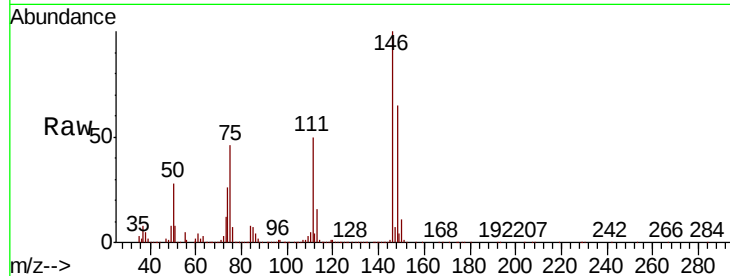
Ion	Ratio	Lower	Upper
146	100		
111	48.4	24.3	73.0
148	66.1	32.9	98.6





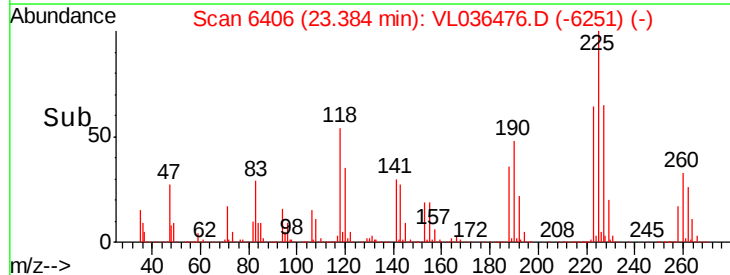
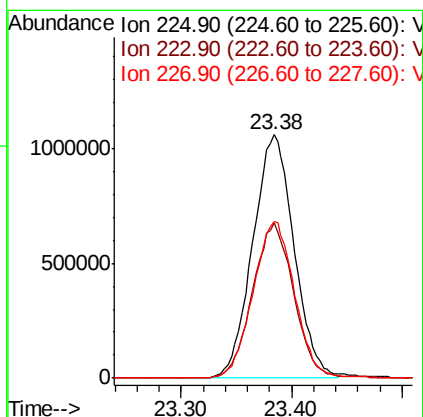
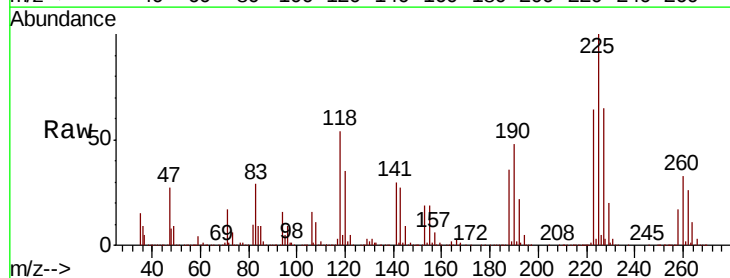
#77
 1,2-Dichlorobenzene
 Concen: 14.751 ppbv
 RT: 17.83
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 25 Mar 2021 5:51

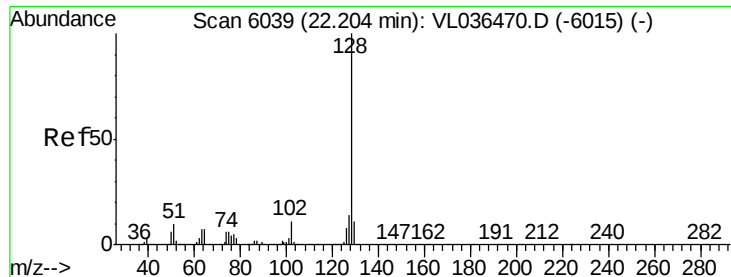
Tot Ion:146 Resp: 3561413
 Ion Ratio Lower Upper
 146 100
 111 50.2 25.5 76.5
 148 64.8 32.9 98.6



#78
 Hexachloro-1,3-Butadiene
 Concen: 14.059 ppbv
 RT: 23.38 min Scan# 6406
 Delta R.T. -0.00 min
 Lab File: VL036476.D
 Acq: 25 Mar 2021 5:51

Tgt Ion:225 Resp: 2754550
 Ion Ratio Lower Upper
 225 100
 223 64.0 50.9 76.3
 227 65.1 52.2 78.2

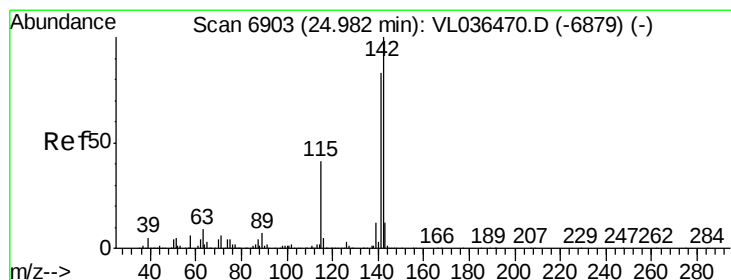
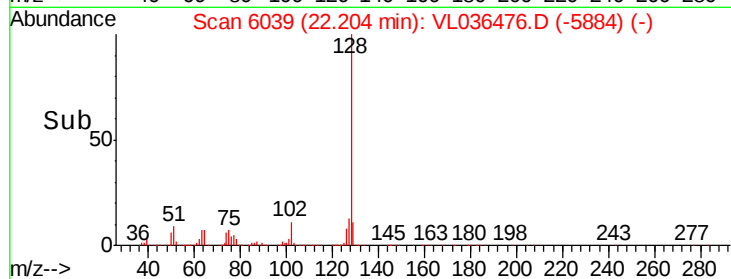
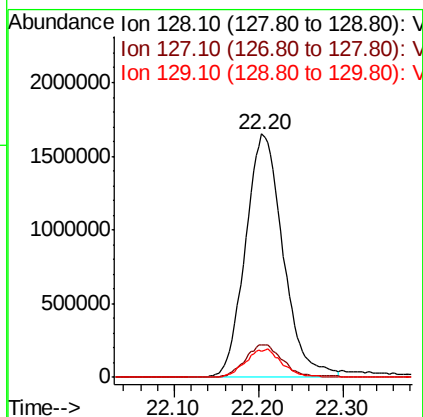
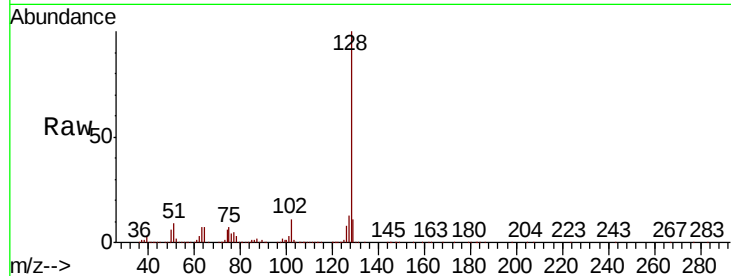




#79
Naphthalene
Concen: 19.375 ppbv
RT: 22.20 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 25 Mar 2021 5:51

Tot Ion:128 Resp: 5117418

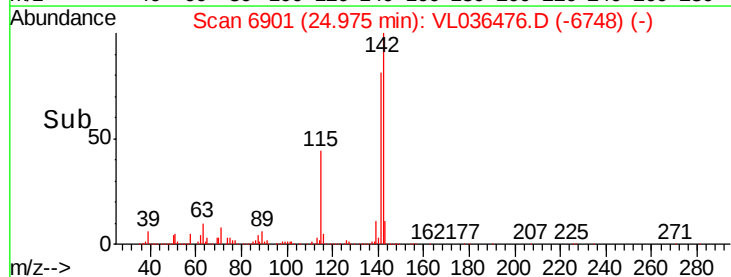
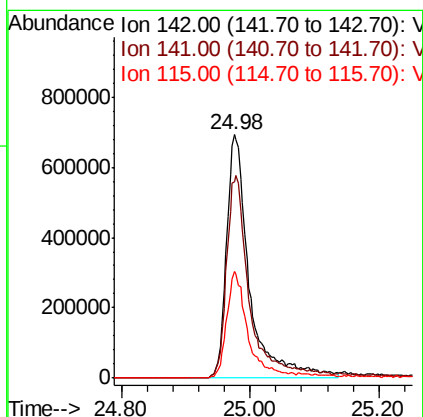
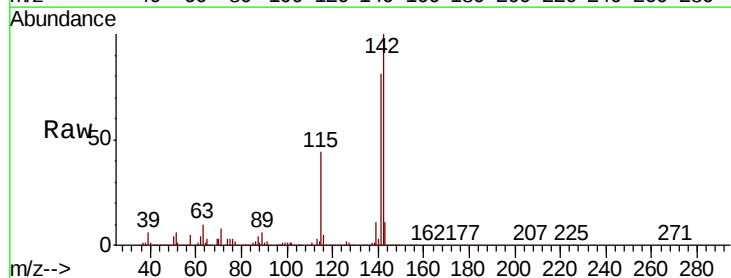
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.9	16.3
129	10.8	9.0	13.4

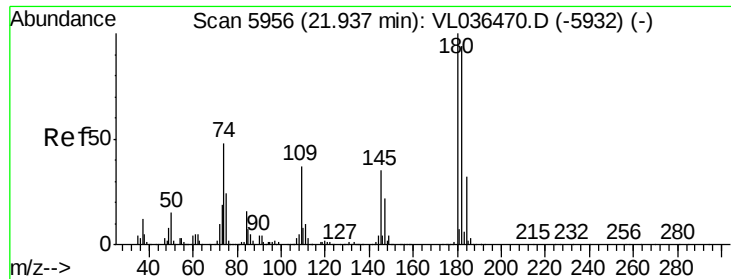


#80
Naphthalene, 2-methyl-
Concen: 30.592 ppbv
RT: 24.98 min Scan# 6901
Delta R.T.: -0.01 min
Lab File: VL036476.D
Acq: 25 Mar 2021 5:51

Tgt Ion:142 Resp: 1719558

Ion	Ratio	Lower	Upper
142	100		
141	85.9	67.7	101.5
115	43.1	33.4	50.2





#81

1,2,4-Trichlorobenzene

Concen: 17.999 ppbv

RT: 21.94 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 3:51

Tot Ion:180 Resp: 2778205

Ion Ratio Lower Upper

180 100

182 101.0 83.0 124.4

184 32.6 25.2 37.8

