

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030221\
 Data File : VL036426.D
 Acq On : 2 Mar 2021 12:10
 Operator : SY/AP
 Sample : VL0302ABS01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0302ABS01

Quant Time: Mar 03 03:09:31 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb 10 16:04:02 2021
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1564548	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.17	114	3638986	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	4241678	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2784514	7.98	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	79.80%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	1661724	7.117	ppbv	99
3) Chlorodifluoromethane	2.98	51	1806661	9.294	ppbv	99
4) Chloromethane	3.13	50	873260	9.298	ppbv	99
5) Vinyl Chloride	3.25	62	859515	9.828	ppbv	94
6) Bromomethane	3.46	94	515652	9.920	ppbv	95
7) Chloroethane	3.55	64	319251	10.281	ppbv	95
8) Dichlorotetrafluoroethane	3.18	85	2005158	9.442	ppbv	99
9) Propene	3.00	41	806308	11.125	ppbv	100
10) Heptane	8.11	43	2093008	9.799	ppbv	100
11) Trichlorofluoromethane	3.94	101	2206093	9.649	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1376240	9.717	ppbv	99
13) Ethanol	3.60	45	126166	9.268	ppbv	95
14) Bromoethene	3.73	108	596727	10.067	ppbv	97
15) Acetone	3.84	43	1712800	8.956	ppbv	99
16) 1,3-Butadiene	3.31	39	851085	9.307	ppbv	99
17) tert-Butyl alcohol	4.28	59	1342306	9.042	ppbv	100
18) 1,1-Dichloroethene	4.28	96	598556	9.299	ppbv	95
19) Isopropyl Alcohol	3.96	45	892479	8.423	ppbv #	97
20) Methylene Chloride	4.33	84	529442	8.581	ppbv	95
21) Allyl Chloride	4.40	41	999269	9.385	ppbv	99
22) trans-1,2-Dichloroethene	4.87	96	572273	9.788	ppbv	96
23) Vinyl Acetate	5.06	43	2098926	9.334	ppbv	97
24) 1,1-Dichloroethane	5.00	63	1625099	9.772	ppbv	100
25) Ethyl Acetate	5.67	43	3555326	9.630	ppbv	99
26) Hexane	5.68	57	1446777	9.537	ppbv	99
27) Carbon Disulfide	4.54	76	1506231	10.803	ppbv	98
28) Methyl tert-Butyl Ether	5.02	73	1938771	9.783	ppbv	99
29) Chloroform	5.74	83	2318437	9.487	ppbv	98
30) Cyclohexane	7.12	84	1187190	9.410	ppbv	99
31) cis-1,2-Dichloroethene	5.54	61	1453970	9.687	ppbv	98
32) 1,1,1-Trichloroethane	6.50	97	2255212	9.870	ppbv	98
34) 2-Butanone	5.23	43	2223531	9.196	ppbv	100
35) Carbon Tetrachloride	7.01	117	2302951	9.443	ppbv	98
36) Benzene	6.88	78	2956316	9.564	ppbv	98
37) 1,2-Dichloroethane	6.30	62	1784609	9.338	ppbv	99
38) Trichloroethene	7.82	130	1055810	9.534	ppbv	96
39) 1,2-Dichloropropane	7.60	63	1212408	9.655	ppbv	96
40) 1,4-Dioxane	7.82	88	382719	8.797	ppbv #	81
41) Tetrahydrofuran	6.03	42	1272561	9.432	ppbv	99
42) Bromodichloromethane	7.78	83	2459482	9.609	ppbv	98
43) Methyl Methacrylate	8.00	69	1309055	10.041	ppbv	99

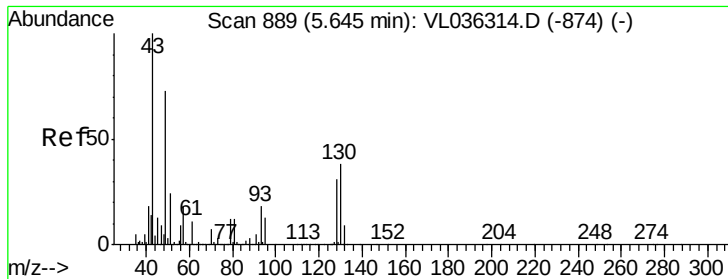
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	5132738	9.132	ppbv	99
45) t-1,3-Dichloropropene	9.27	75	1424598	11.328	ppbv	98
46) cis-1,3-Dichloropropene	8.69	75	1715039	10.736	ppbv	96
47) 1,1,2-Trichloroethane	9.46	97	1209850	9.414	ppbv	98
48) Dibromochloromethane	10.29	129	1981414	10.333	ppbv	98
49) Bromoform	13.03	173	1680129	10.838	ppbv	99
50) 4-Methyl-2-Pentanone	8.73	43	3482951	9.704	ppbv	99
51) 2-Hexanone	10.12	43	2852346	10.458	ppbv	97
52) Tetrachloroethene	11.21	164	979632	8.657	ppbv	95
53) Toluene	9.80	91	3355108	10.020	ppbv	100
54) 1,2-Dibromoethane	10.60	107	1790760	9.643	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.11	131	1500595	7.691	ppbv #	59
57) Chlorobenzene	12.14	112	2431176	7.418	ppbv	99
58) Ethyl Benzene	12.70	91	4588868	7.901	ppbv	98
59) m/p-Xylene	12.98	91	4306503	8.441	ppbv #	45
60) o-Xylene	13.68	91	3703962	7.593	ppbv	99
61) Styrene	13.52	104	2586235	8.555	ppbv	99
62) Isopropylbenzene	14.66	105	5466007	7.476	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.67	83	2650429	6.886	ppbv	99
64) n-propylbenzene	15.55	120	1430539	7.950	ppbv	97
65) tert-Butylbenzene	16.73	119	4652024	7.436	ppbv	99
66) Benzyl Chloride	16.98	91	1726945	10.154	ppbv	99
67) sec-Butylbenzene	17.28	105	6653857	7.375	ppbv	99
69) p-Isopropyltoluene	17.64	119	5478548	7.858	ppbv	99
70) n-Butylbenzene	18.54	91	5755830	7.698	ppbv	100
71) 2-Chlorotoluene	15.44	91	4298165	7.668	ppbv	98
72) 4-Ethyltoluene	15.83	105	4246124	7.822	ppbv	99
73) 1,3,5-Trimethylbenzene	15.99	105	4021159	7.642	ppbv	99
74) 1,2,4-Trimethylbenzene	16.75	105	4061980	7.561	ppbv	93
75) 1,3-Dichlorobenzene	16.99	146	2224542	7.629	ppbv	99
76) 1,4-Dichlorobenzene	17.13	146	2188638	7.228	ppbv	95
77) 1,2-Dichlorobenzene	17.81	146	2186016	7.557	ppbv	98
78) Hexachloro-1,3-Butadiene	23.37	225	1532350	6.484	ppbv	99
79) Naphthalene	22.19	128	1340761	4.210	ppbv	99
80) Naphthalene, 2-methyl-	24.97	142	713353	12.098	ppbv	96
81) 1,2,4-Trichlorobenzene	21.92	180	1558664	8.022	ppbv	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. 0.01 min

Lab File: VL036426.D

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Instrument :

MSVOA_L

ClientSampleId :

VL0302ABS01

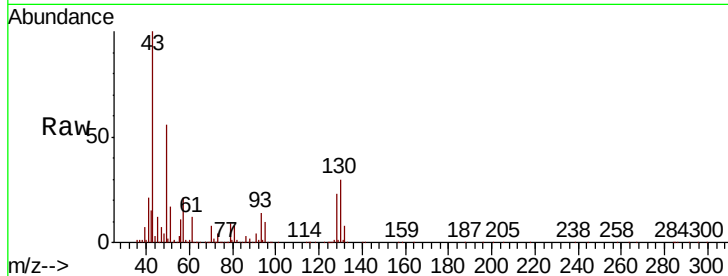
Tot Ion: 49 Resp: 1564548

Ion Ratio Lower Upper

49 100

128 44.0 20.8 62.5

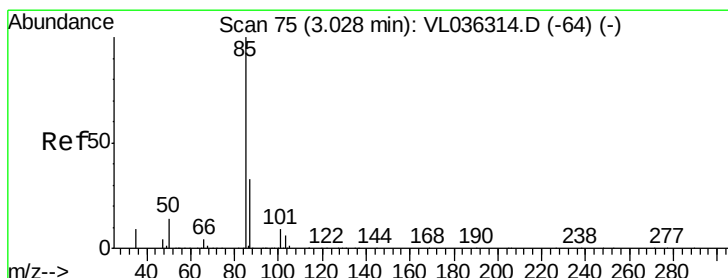
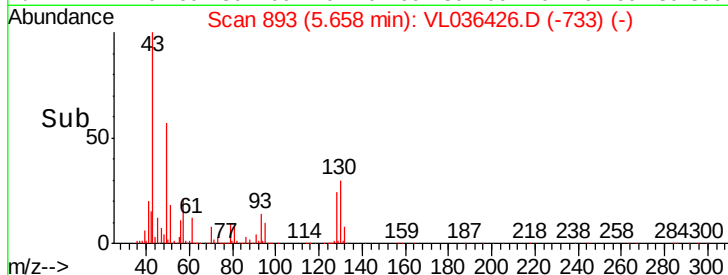
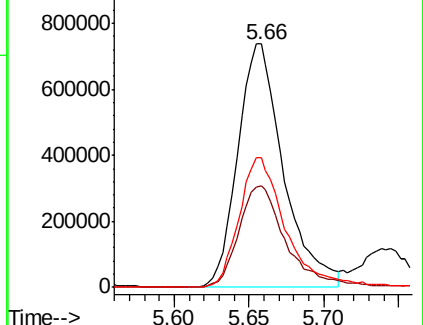
130 55.3 26.7 80.1



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 7.117 ppbv

RT: 3.04 min Scan# 78

Delta R.T. 0.01 min

Lab File: VL036426.D

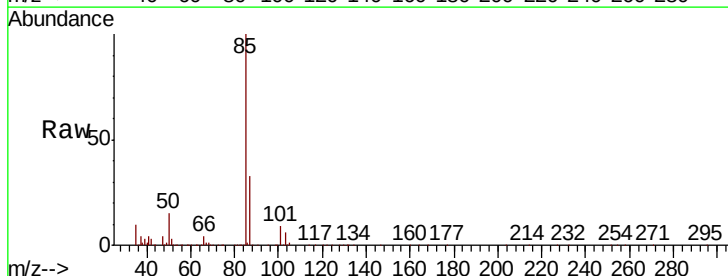
Acq: 2 Mar 2021 12:10

Tgt Ion: 85 Resp: 1661724

Ion Ratio Lower Upper

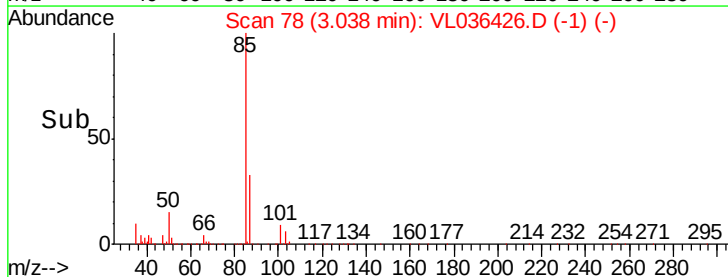
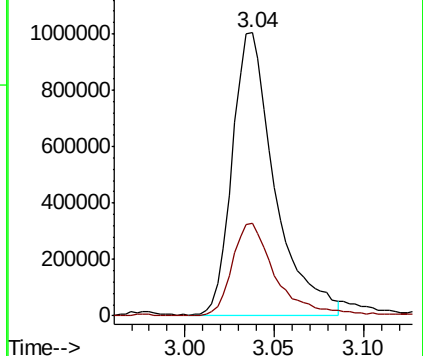
85 100

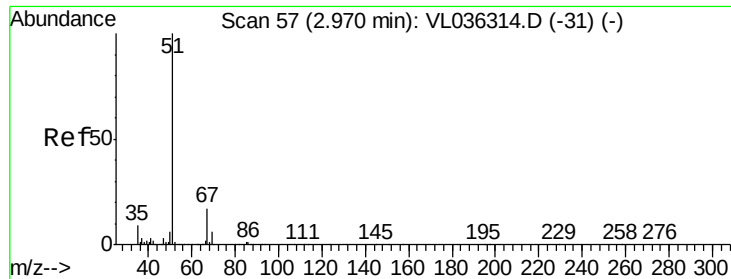
87 32.5 26.5 39.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 9.294 ppbv

RT: 2.98 min Scan# 59

Delta R.T. 0.01 min

Lab File: VL036426.D

Acq: 2 Mar 2021 12:10

Instrument :

MSVOA_L

ClientSampleId :

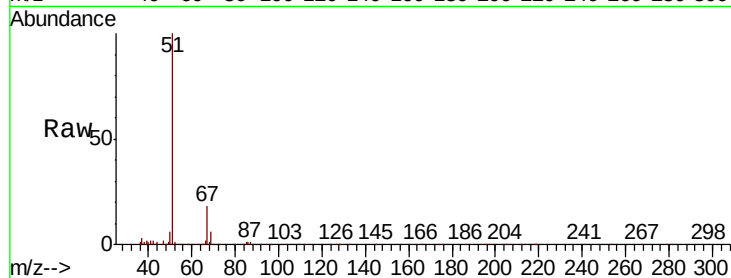
VL0302ABS01

Tot Ion: 51 Resp: 1806661

Ion Ratio Lower Upper

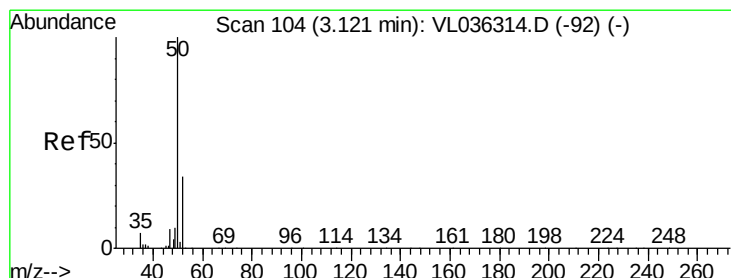
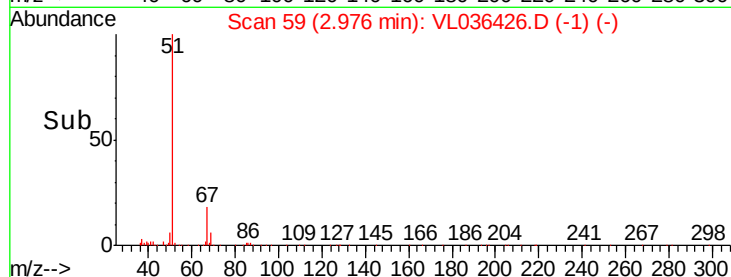
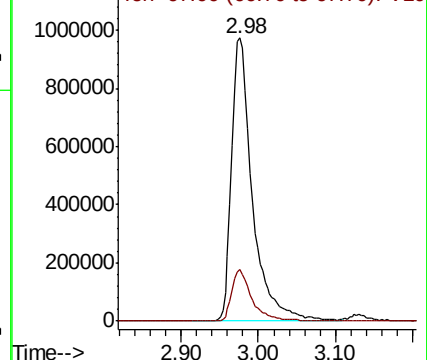
51 100

67 17.7 14.7 22.1



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 9.298 ppbv

RT: 3.13 min Scan# 106

Delta R.T. 0.01 min

Lab File: VL036426.D

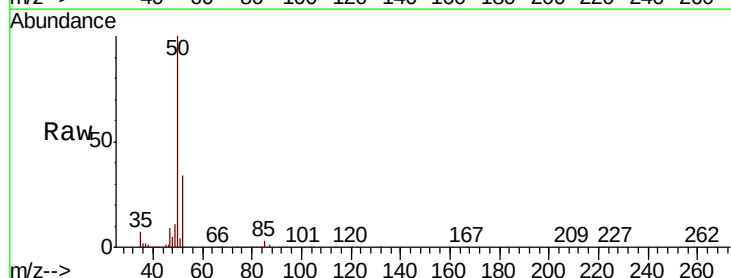
Acq: 2 Mar 2021 12:10

Tgt Ion: 50 Resp: 873260

Ion Ratio Lower Upper

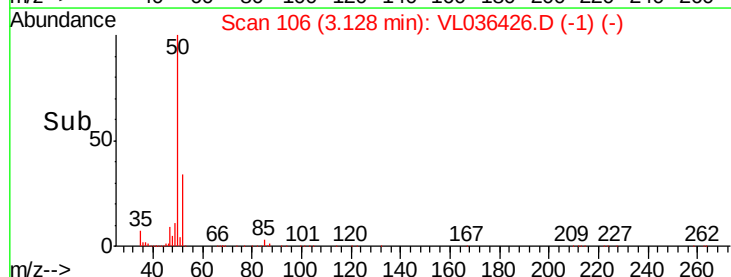
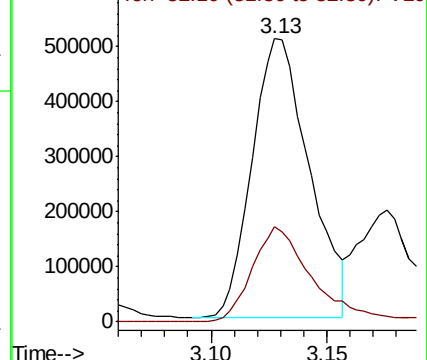
50 100

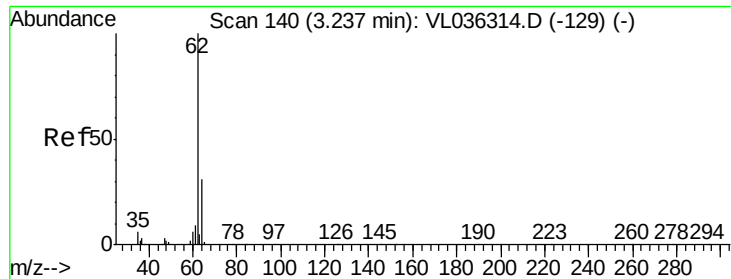
52 34.2 27.0 40.4



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 9.828 ppbv

RT: 3.25 min Scan# 143

Delta R.T. 0.01 min

Lab File: VL036426.D

Acq: 2 Mar 2021 12:10

Instrument :

MSVOA_L

ClientSampleID :

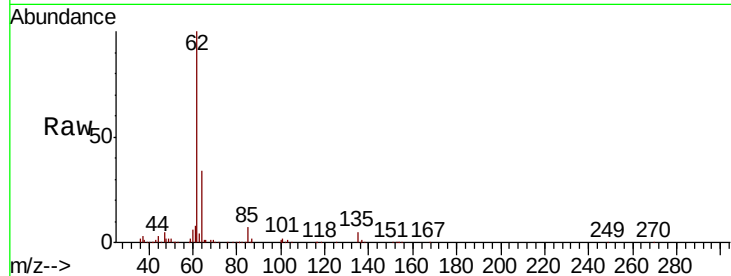
VL0302ABS01

Tot Ion: 62 Resp: 859515

Ion Ratio Lower Upper

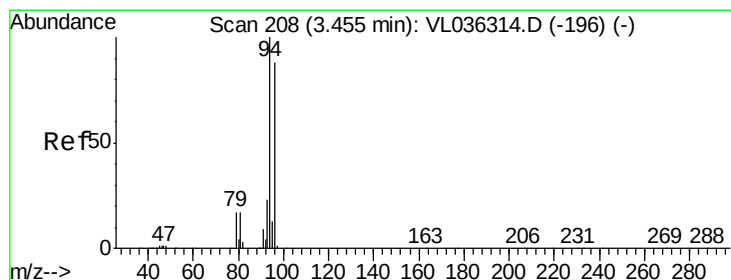
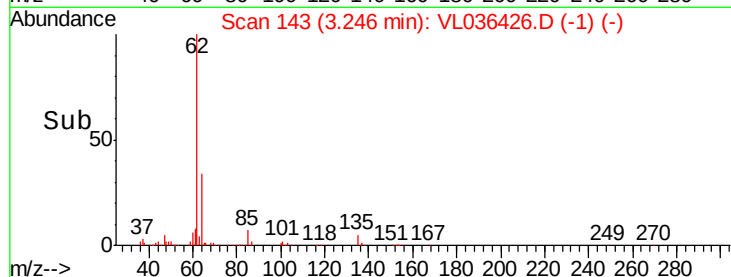
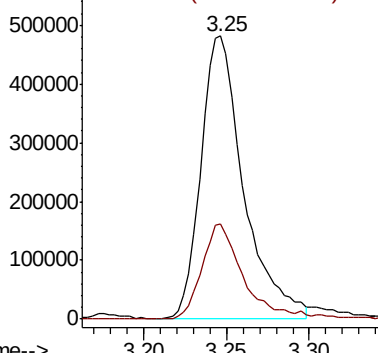
62 100

64 33.9 24.4 36.6



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 9.920 ppbv

RT: 3.46 min Scan# 210

Delta R.T. 0.01 min

Lab File: VL036426.D

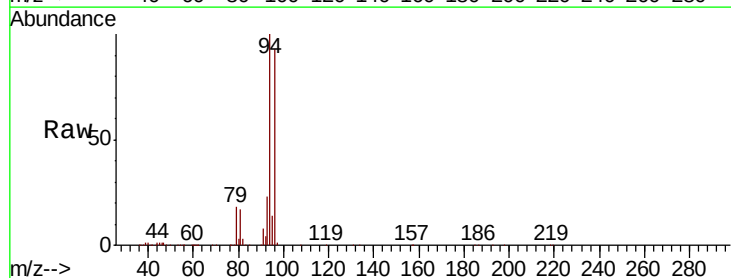
Acq: 2 Mar 2021 12:10

Tgt Ion: 94 Resp: 515652

Ion Ratio Lower Upper

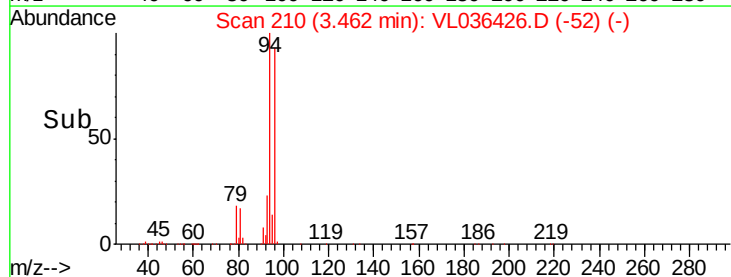
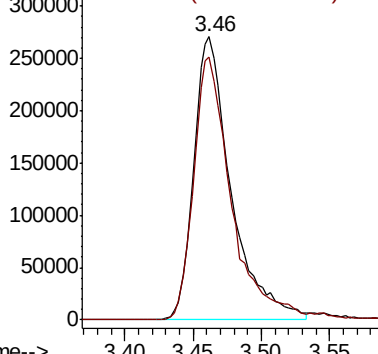
94 100

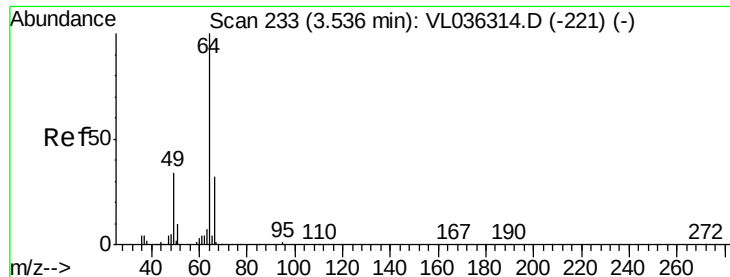
96 92.8 70.8 106.2



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 10.281 ppbv

RT: 3.55 min Scan# 236

Delta R.T. 0.01 min

Lab File: VL036426.D

Acq: 2 Mar 2021 12:10

Instrument :

MSVOA_L

ClientSampleId :

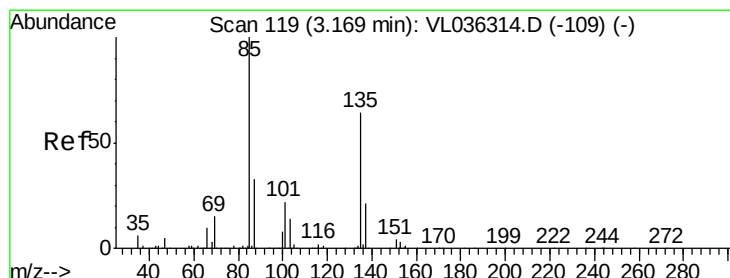
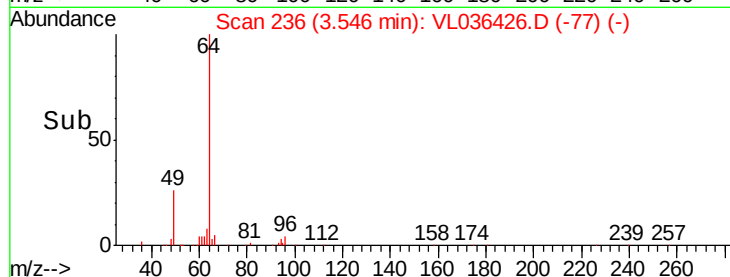
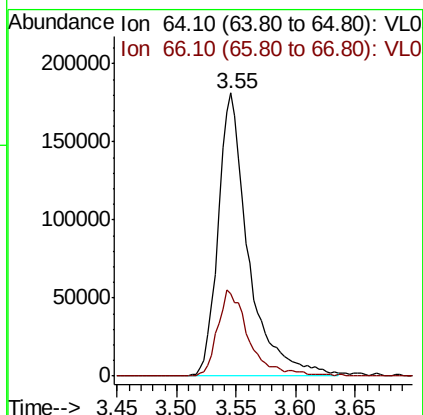
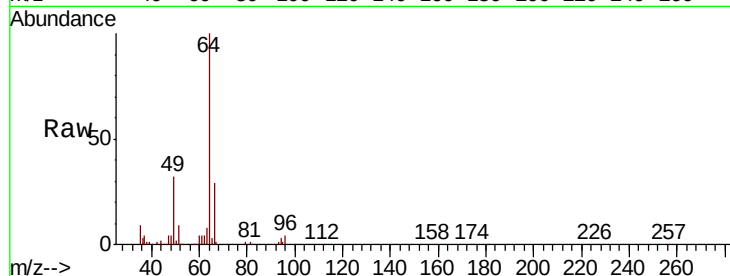
VL0302ABS01

Tot Ion: 64 Resp: 319251

Ion Ratio Lower Upper

64 100

66 29.3 25.6 38.4



#8

Dichlorotetrafluoroethane

Concen: 9.442 ppbv

RT: 3.18 min Scan# 121

Delta R.T. 0.01 min

Lab File: VL036426.D

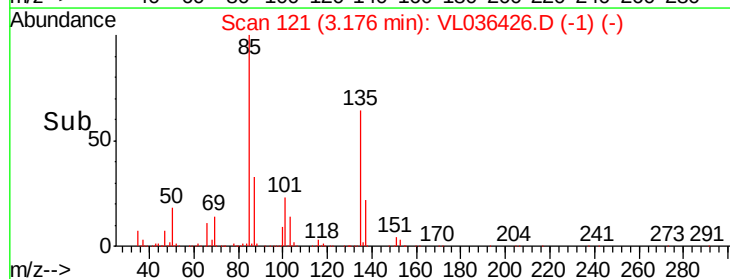
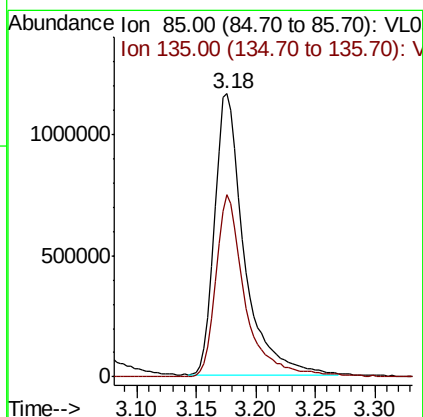
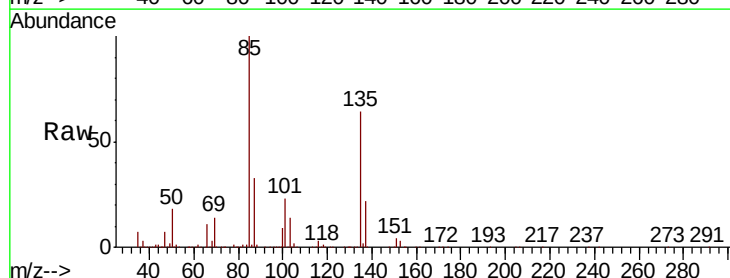
Acq: 2 Mar 2021 12:10

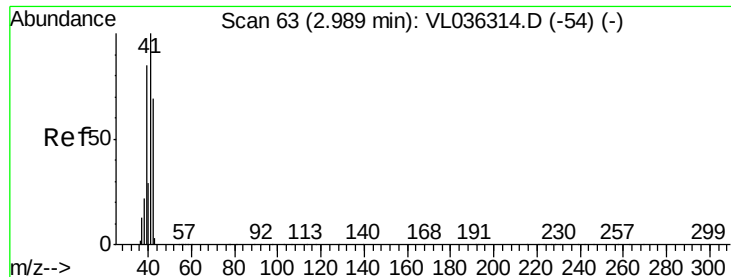
Tgt Ion: 85 Resp: 2005158

Ion Ratio Lower Upper

85 100

135 64.7 51.1 76.7





#9

Propene

Concen: 11.125 ppbv

RT: 3.00 min Scan# 66

Delta R.T. 0.01 min

Lab File: VL036426.D

Acq: 2 Mar 2021 12:10

Instrument :

MSVOA_L

ClientSampleId :

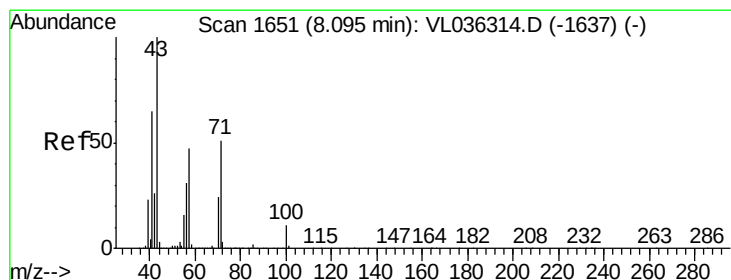
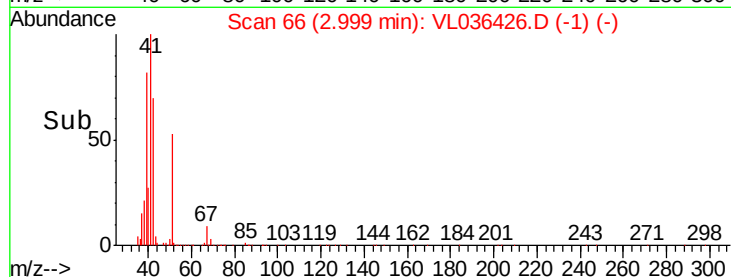
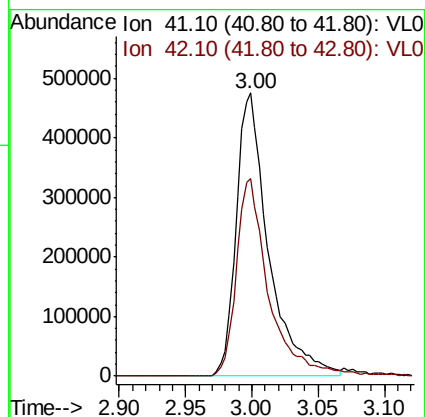
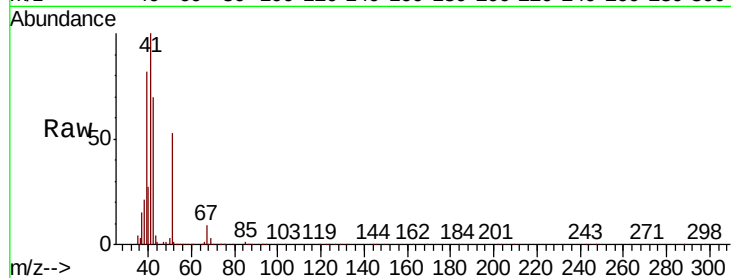
VL0302ABS01

Tot Ion: 41 Resp: 806308

Ion Ratio Lower Upper

41 100

42 70.3 56.2 84.2



#10

Heptane

Concen: 9.799 ppbv

RT: 8.11 min Scan# 1655

Delta R.T. 0.01 min

Lab File: VL036426.D

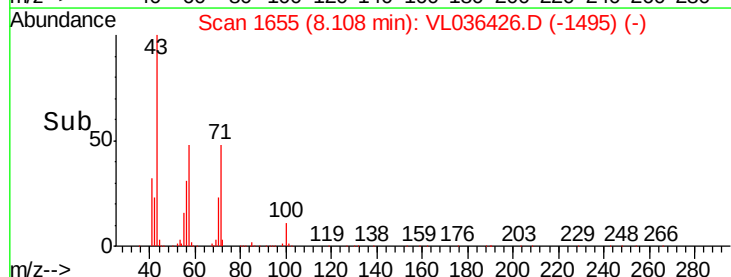
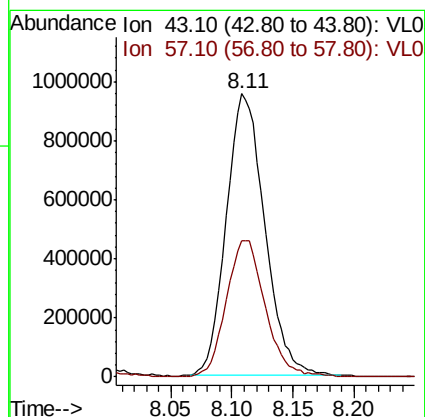
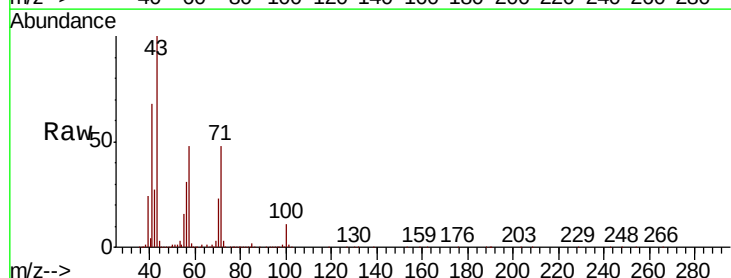
Acq: 2 Mar 2021 12:10

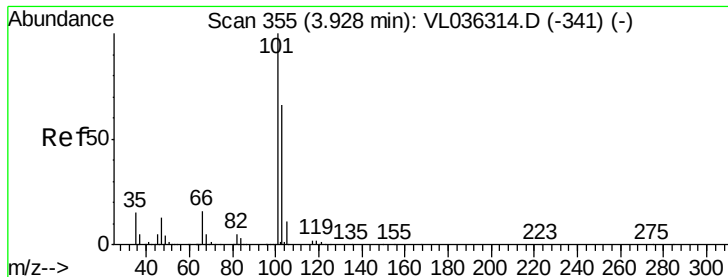
Tgt Ion: 43 Resp: 2093008

Ion Ratio Lower Upper

43 100

57 49.5 39.4 59.2





#11

Trichlorofluoromethane

Concen: 9.649 ppbv

RT: 3.94 min Scan# 358

Delta R.T. 0.01 min

Lab File: VL036426.D

Acq: 2 Mar 2021 12:10

Instrument :

MSVOA_L

ClientSampleId :

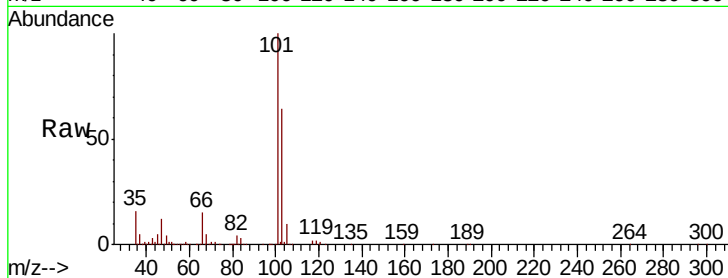
VL0302ABS01

Tot Ion:101 Resp: 2206093

Ion Ratio Lower Upper

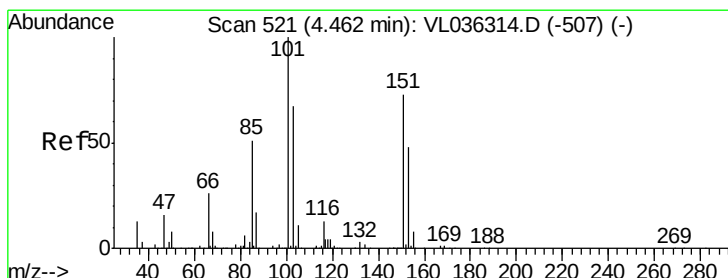
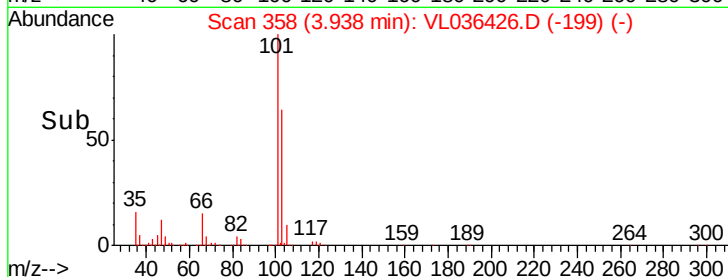
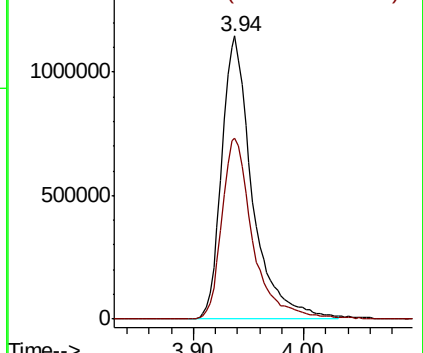
101 100

103 63.7 52.9 79.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.717 ppbv

RT: 4.47 min Scan# 524

Delta R.T. 0.01 min

Lab File: VL036426.D

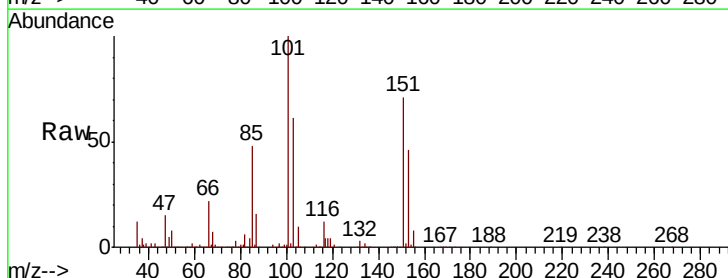
Acq: 2 Mar 2021 12:10

Tgt Ion:101 Resp: 1376240

Ion Ratio Lower Upper

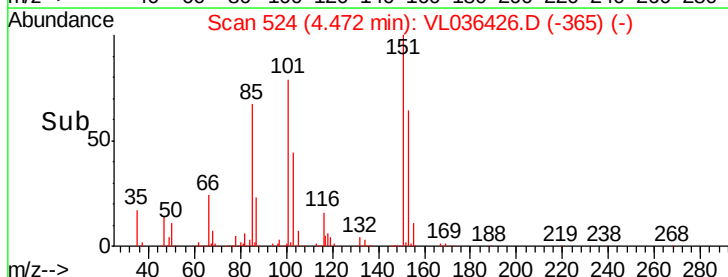
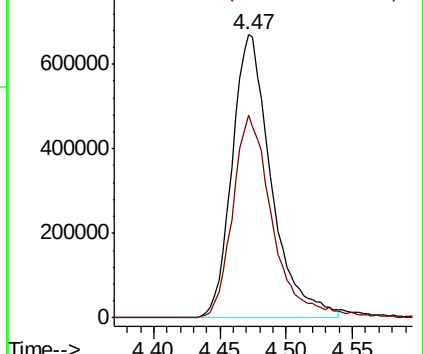
101 100

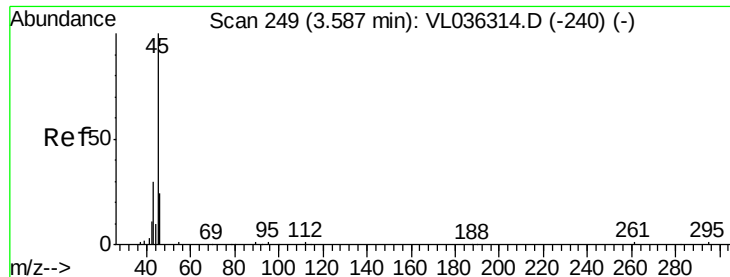
151 73.5 58.2 87.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V

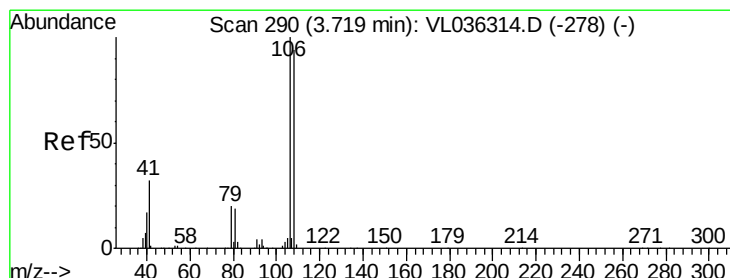
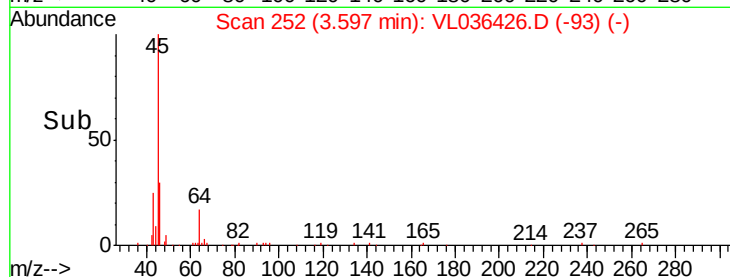
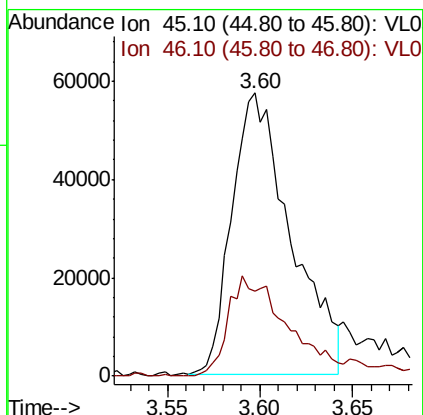
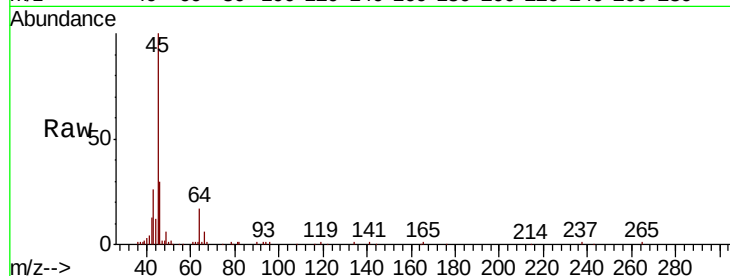




#13
Ethanol
Concen: 9.268 ppbv
RT: 3.60 min Scan# 252
Delta R.T. 0.01 min
Lab File: VL036426.D
Acq: 2 Mar 2021 12:10

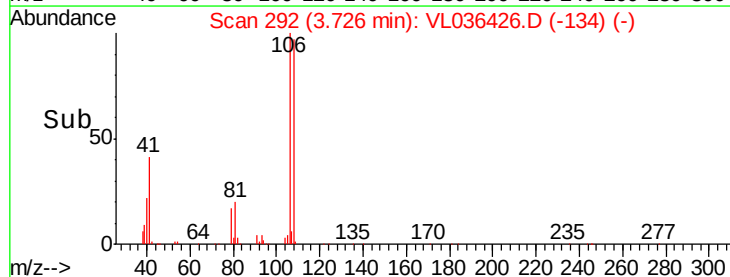
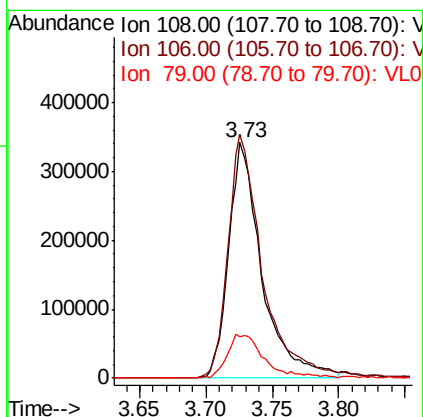
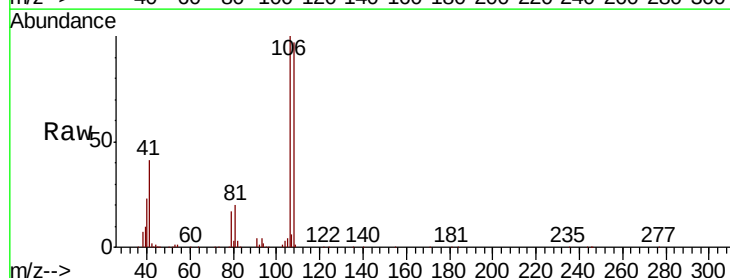
Instrument :
MSVOA_L
ClientSampleId :
VL0302ABS01

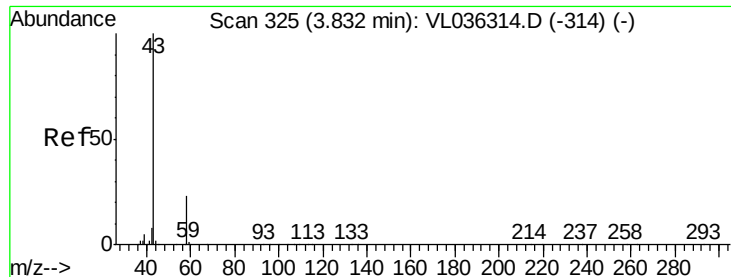
Tot Ion: 45 Resp: 126166
Ion Ratio Lower Upper
45 100
46 40.8 17.7 70.7



#14
Bromoethene
Concen: 10.067 ppbv
RT: 3.73 min Scan# 292
Delta R.T. 0.01 min
Lab File: VL036426.D
Acq: 2 Mar 2021 12:10

Tgt Ion: 108 Resp: 596727
Ion Ratio Lower Upper
108 100
106 108.7 89.8 134.8
79 21.6 17.1 25.7

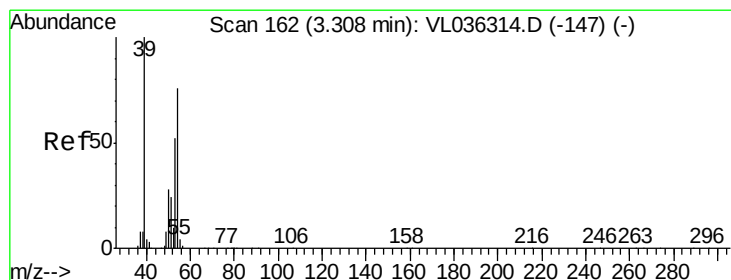
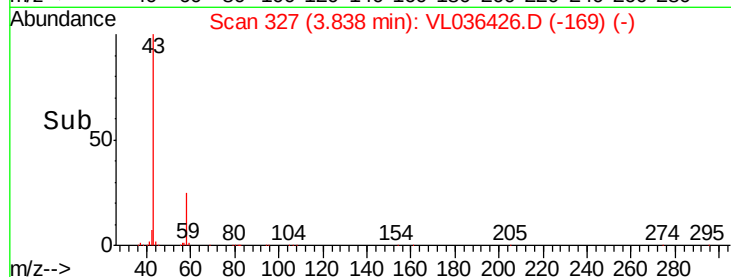
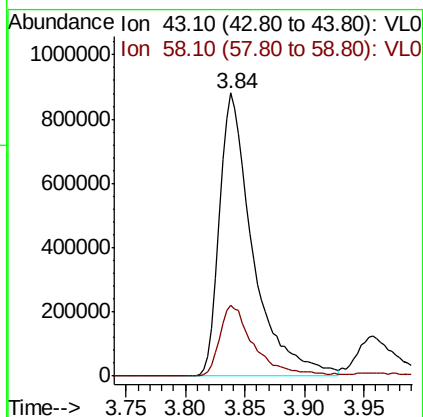
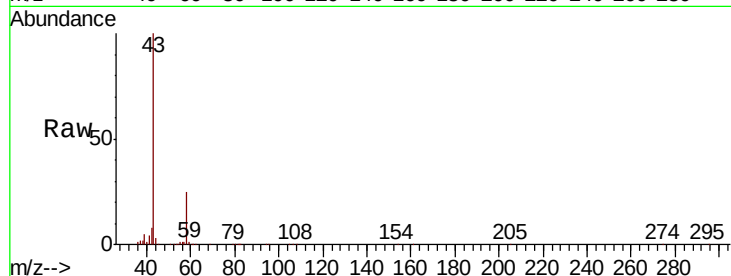




#15
Acetone
Concen: 8.956 ppbv
RT: 3.84 min Scan# 327
Delta R.T. 0.01 min
Lab File: VL036426.D
Acq: 2 Mar 2021 12:10

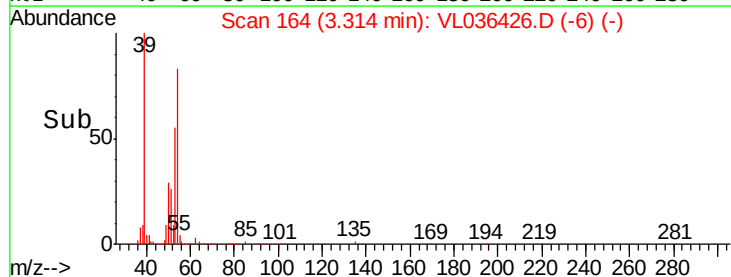
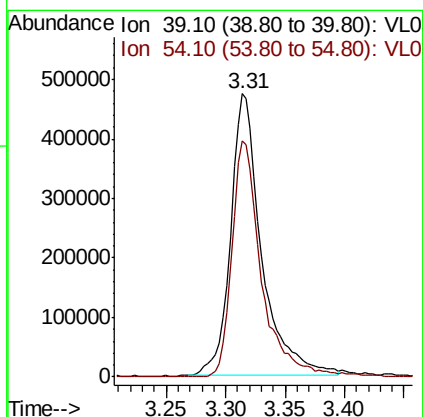
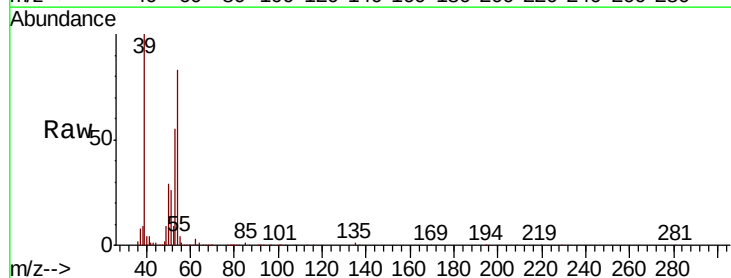
Instrument :
MSVOA_L
ClientSampleId :
VL0302ABS01

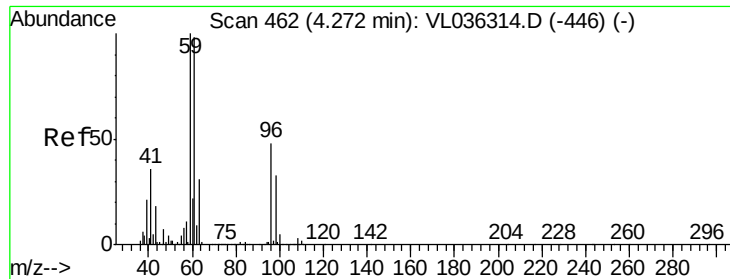
Tot Ion: 43 Resp: 1712800
Ion Ratio Lower Upper
43 100
58 25.8 20.3 30.5



#16
1,3-Butadiene
Concen: 9.307 ppbv
RT: 3.31 min Scan# 164
Delta R.T. 0.01 min
Lab File: VL036426.D
Acq: 2 Mar 2021 12:10

Tgt Ion: 39 Resp: 851085
Ion Ratio Lower Upper
39 100
54 81.0 64.4 96.6

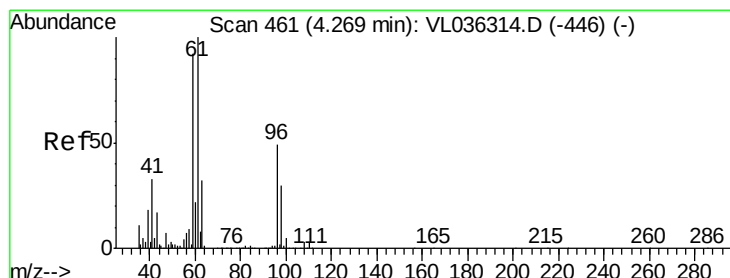
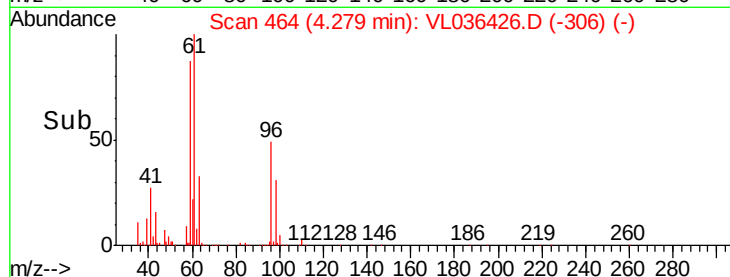
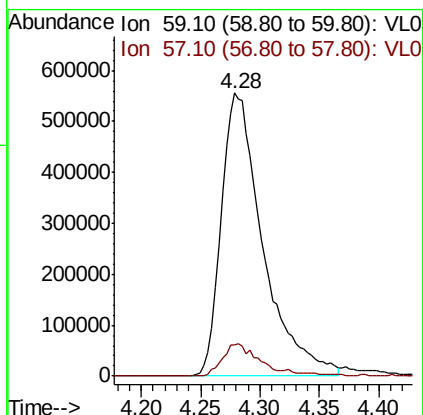
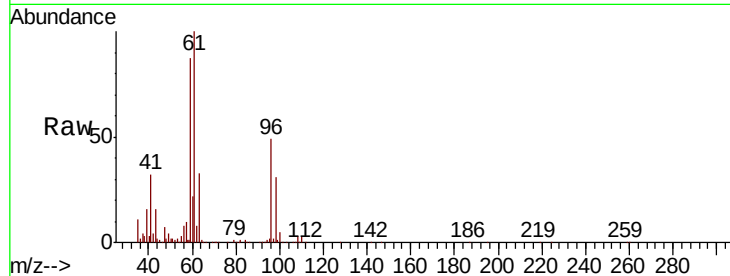




#17
tert-Butyl alcohol
Concen: 9.042 ppbv
RT: 4.28 min Scan# 464
Delta R.T. 0.01 min
Lab File: VL036426.D
Acq: 2 Mar 2021 12:10

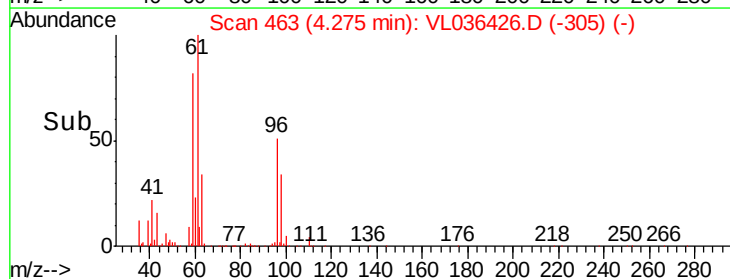
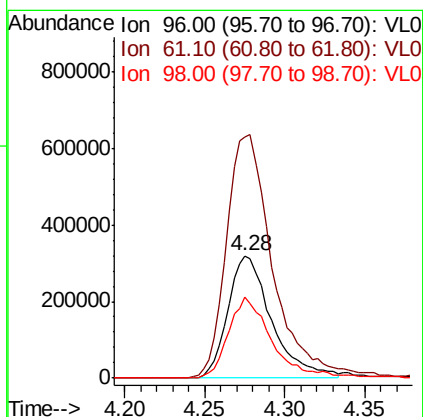
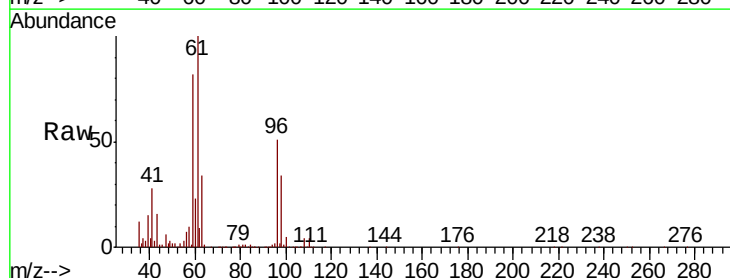
Instrument :
MSVOA_L
ClientSampleId :
VL0302ABS01

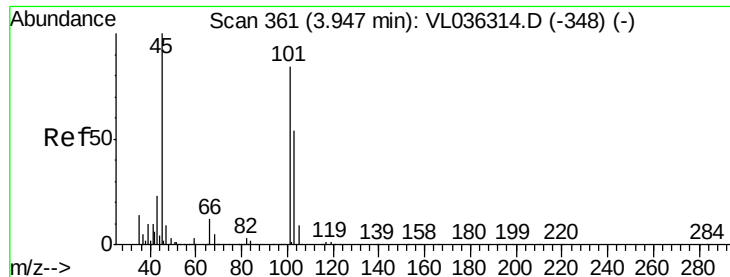
Tot Ion: 59 Resp: 1342306
Ion Ratio Lower Upper
59 100
57 11.3 9.0 13.4



#18
1,1-Dichloroethene
Concen: 9.299 ppbv
RT: 4.28 min Scan# 463
Delta R.T. 0.01 min
Lab File: VL036426.D
Acq: 2 Mar 2021 12:10

Tgt Ion: 96 Resp: 598556
Ion Ratio Lower Upper
96 100
61 196.6 162.5 243.7
98 66.4 48.5 72.7





#19

Isopropyl Alcohol

Concen: 8.423 ppbv

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VL036426.D

Acq: 2 Mar 2021 12:10

Instrument :

MSVOA_L

ClientSampleId :

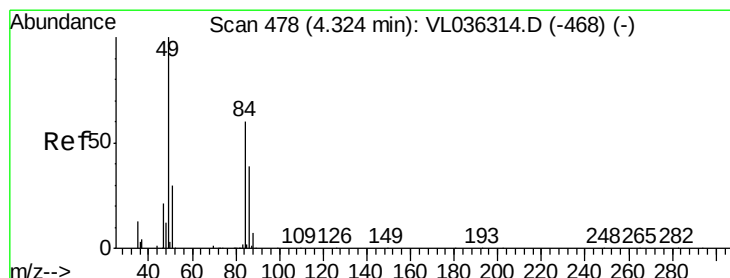
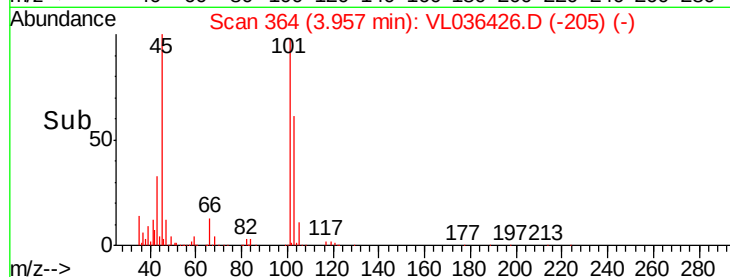
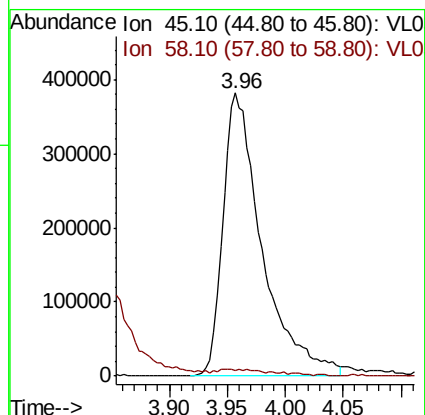
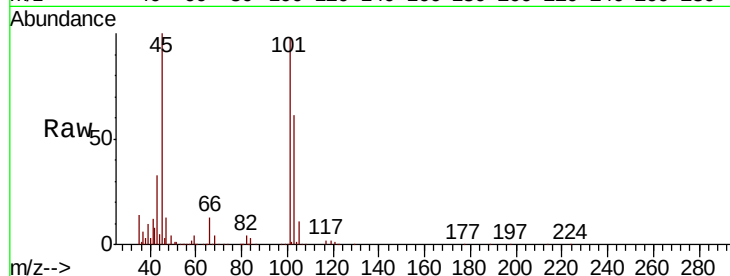
VL0302ABS01

Tot Ion: 45 Resp: 892479

Ion Ratio Lower Upper

45 100

58 3.3 1.9 2.9#



#20

Methylene Chloride

Concen: 8.581 ppbv

RT: 4.33 min Scan# 480

Delta R.T. 0.01 min

Lab File: VL036426.D

Acq: 2 Mar 2021 12:10

Tgt Ion: 84 Resp: 529442

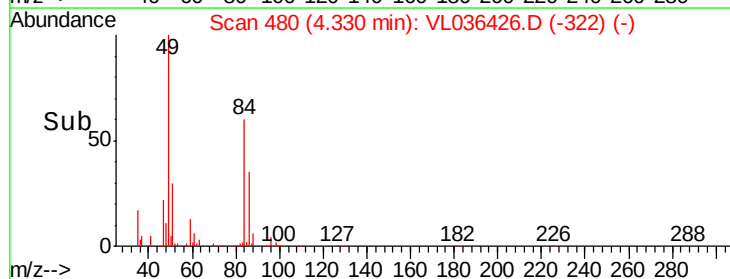
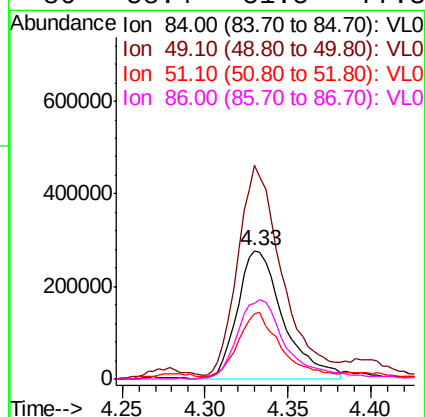
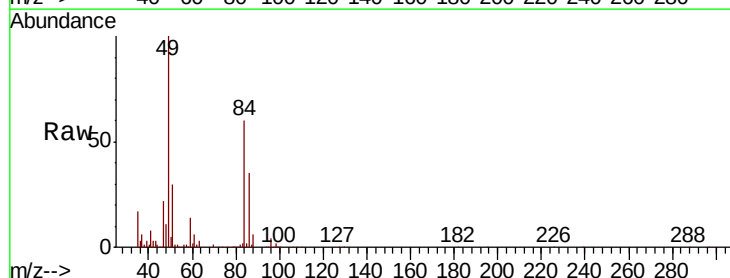
Ion Ratio Lower Upper

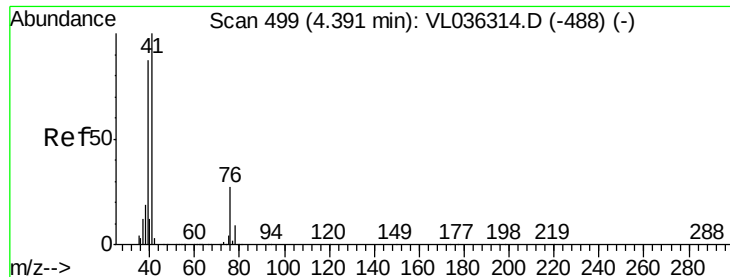
84 100

49 162.0 133.8 200.8

51 47.1 41.4 62.0

86 58.4 51.5 77.3

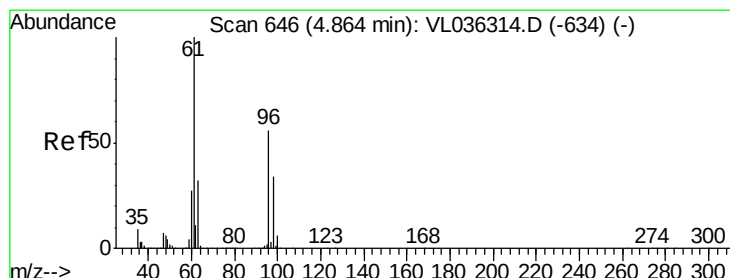
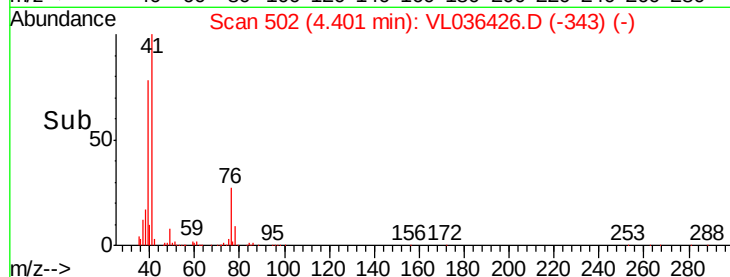
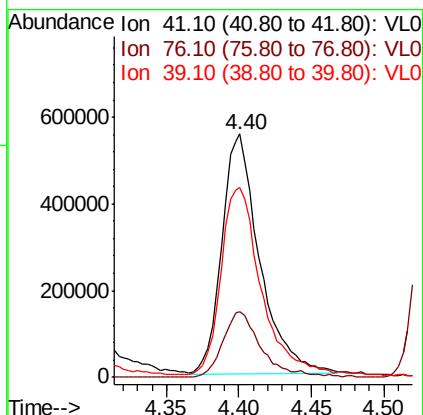
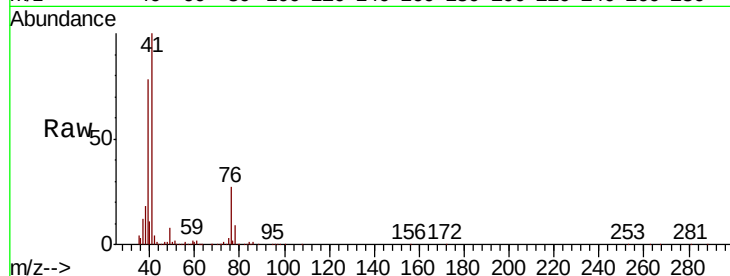




#21
 Allvl Chloride
 Concen: 9.385 ppbv
 RT: 4.40 min Scan# 502
 Delta R.T. 0.01 min
 Lab File: VL036426.D
 Acq: 2 Mar 2021 12:10

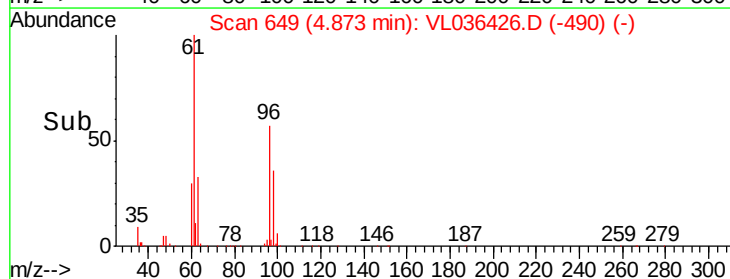
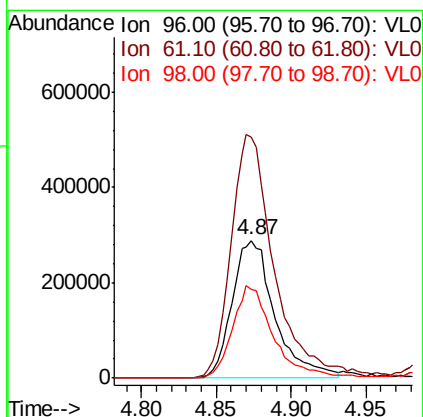
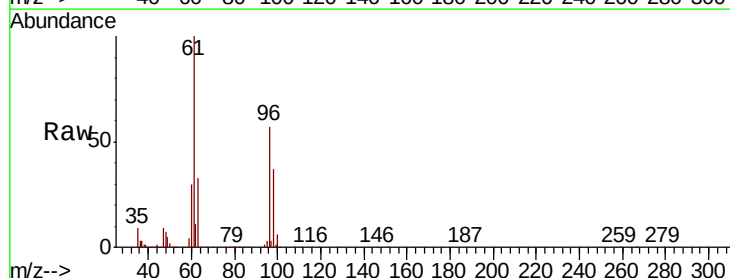
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0302ABS01

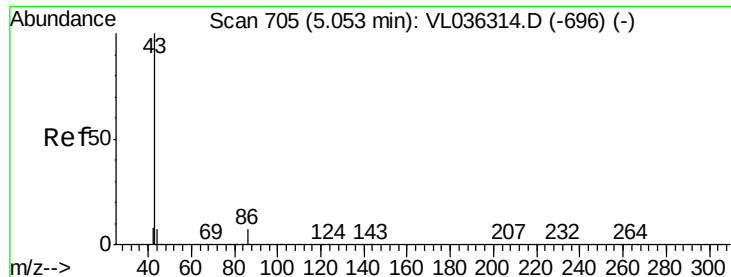
Tot Ion: 41 Resp: 999269
 Ion Ratio Lower Upper
 41 100
 76 28.2 22.0 33.0
 39 86.5 70.2 105.2



#22
 trans-1,2-Dichloroethene
 Concen: 9.788 ppbv
 RT: 4.87 min Scan# 649
 Delta R.T. 0.01 min
 Lab File: VL036426.D
 Acq: 2 Mar 2021 12:10

Tgt Ion: 96 Resp: 572273
 Ion Ratio Lower Upper
 96 100
 61 174.3 143.7 215.5
 98 64.1 48.5 72.7





#23

Vinyl Acetate

Concen: 9.334 ppbv

RT: 5.06 min Scan# 708

Delta R.T. 0.01 min

Lab File: VL036426.D

Acq: 2 Mar 2021 12:10

Instrument :

MSVOA_L

ClientSampleId :

VL0302ABS01

Tot Ion: 43 Resp: 2098926

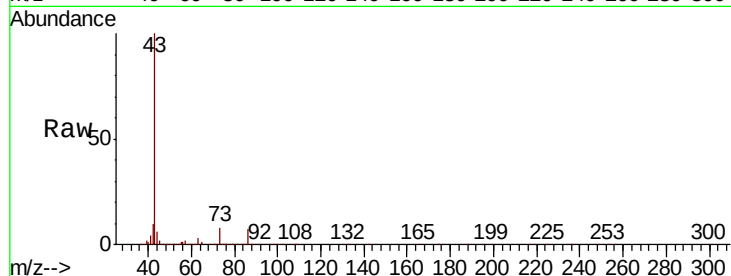
Ion	Ratio	Lower	Upper
43	100		
86	6.9	4.8	7.2
42	10.2	7.4	11.0
44	5.4	4.8	7.2

43 100

86 6.9 4.8 7.2

42 10.2 7.4 11.0

44 5.4 4.8 7.2



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

1500000

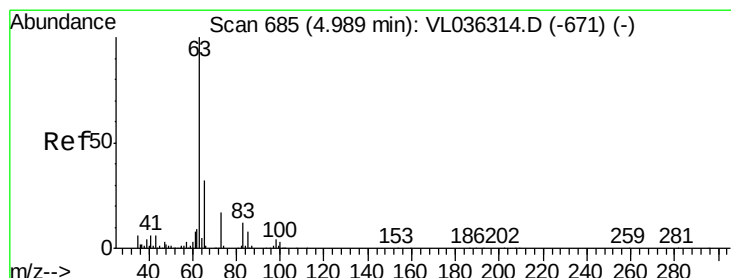
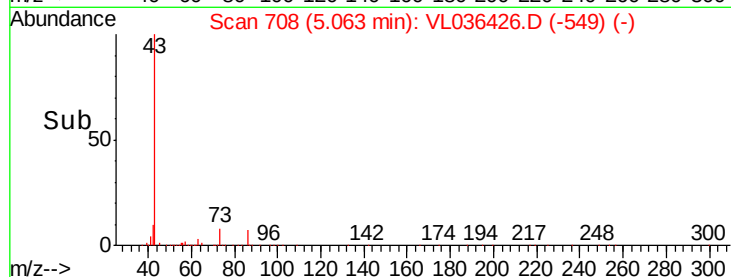
1000000

500000

0

5.00 5.05 5.10 5.15

Time-->



#24

1,1-Dichloroethane

Concen: 9.772 ppbv

RT: 5.00 min Scan# 688

Delta R.T. 0.01 min

Lab File: VL036426.D

Acq: 2 Mar 2021 12:10

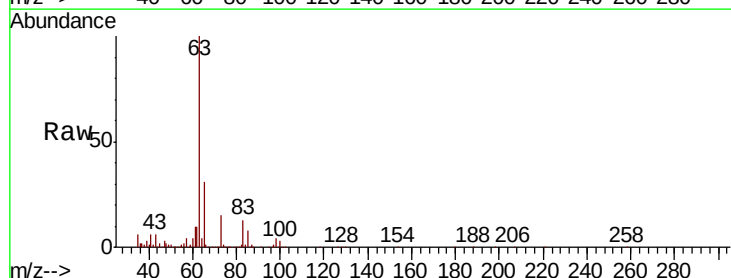
Tgt Ion: 63 Resp: 1625099

Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.0	6.0
100	3.0	1.5	4.4

63 100

98 4.2 2.0 6.0

100 3.0 1.5 4.4



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0

1000000

800000

600000

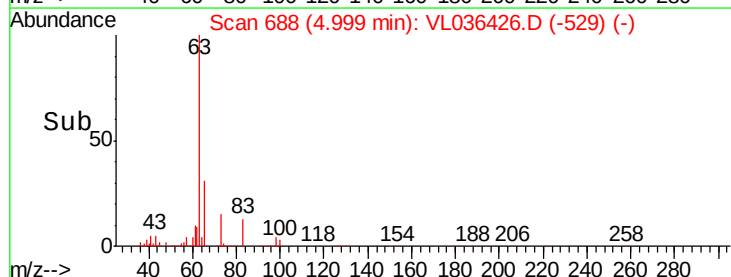
400000

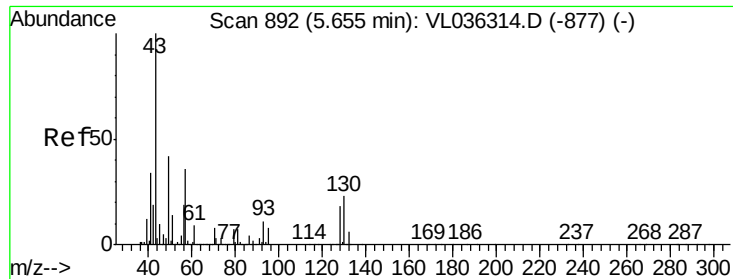
200000

0

4.95 5.00 5.05 5.10

Time-->



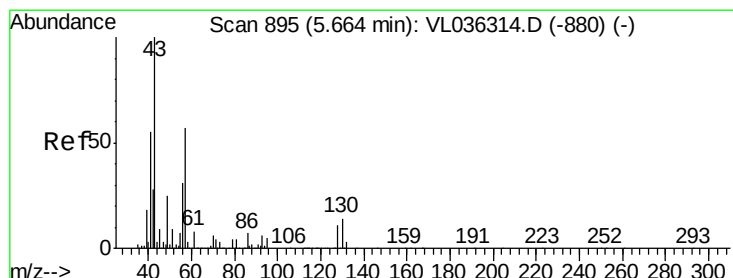
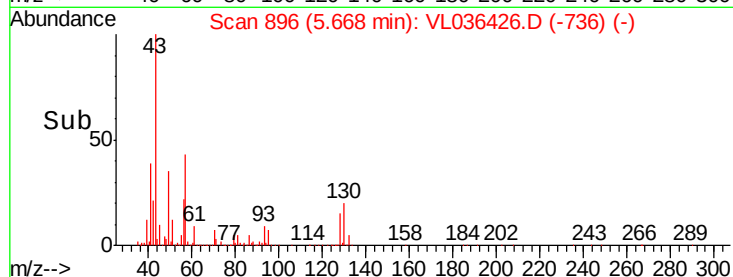
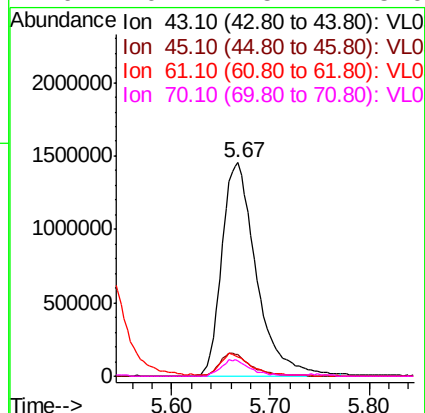
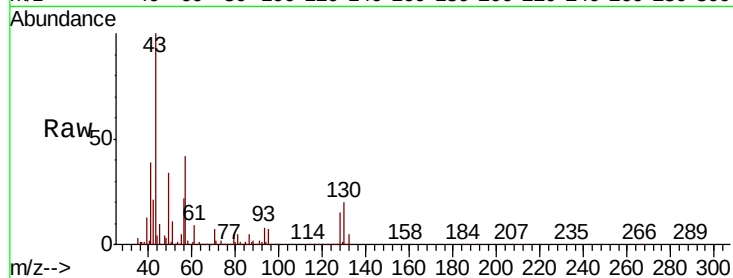


#25
Ethyl Acetate
Concen: 9.630 ppbv
RT: 5.67 min Scan# 896
Delta R.T. 0.01 min
Lab File: VL036426.D
Acq: 2 Mar 2021 12:10

Instrument :
MSVOA_L
ClientSampleId :
VL0302ABS01

Tot Ion: 43 Resp: 3555326

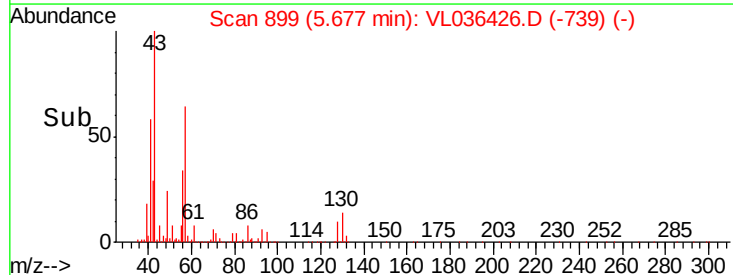
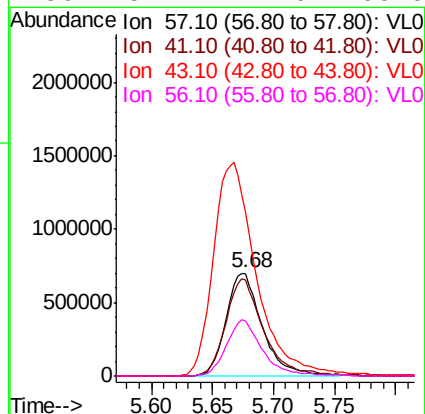
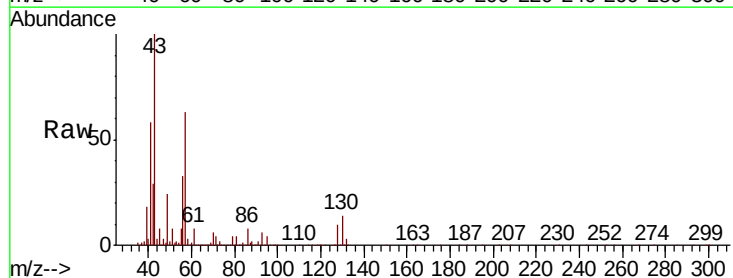
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.3	12.5
61	9.7	7.3	10.9
70	6.7	5.4	8.0

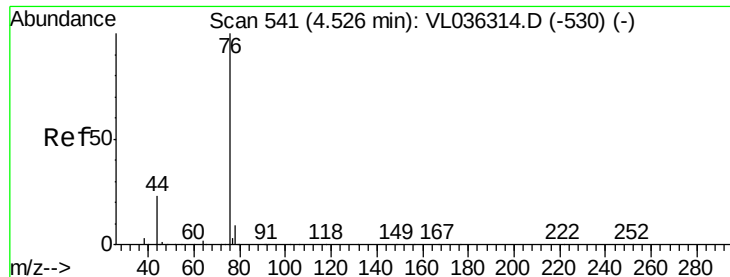


#26
Hexane
Concen: 9.537 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.01 min
Lab File: VL036426.D
Acq: 2 Mar 2021 12:10

Tgt Ion: 57 Resp: 1446777

Ion	Ratio	Lower	Upper
57	100		
41	99.9	81.7	122.5
43	247.0	199.1	298.7
56	54.7	44.0	66.0





#27

Carbon Disulfide

Concen: 10.803 ppbv

RT: 4.54 min Scan# 544

Delta R.T. 0.01 min

Lab File: VL036426.D

Acq: 2 Mar 2021 12:10

Instrument :

MSVOA_L

ClientSampleId :

VL0302ABS01

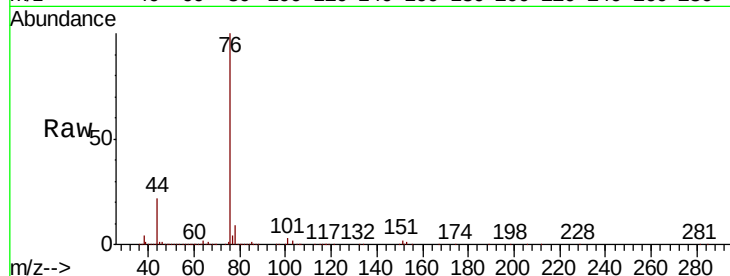
Tot Ion: 76 Resp: 1506231

Ion Ratio Lower Upper

76 100

44 22.0 18.4 27.6

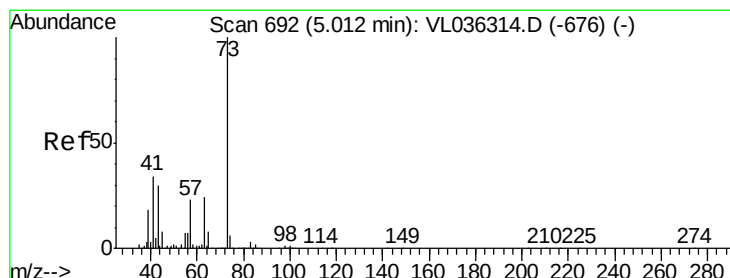
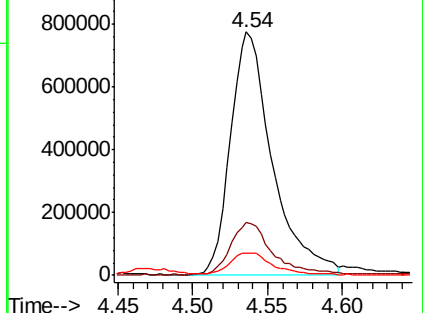
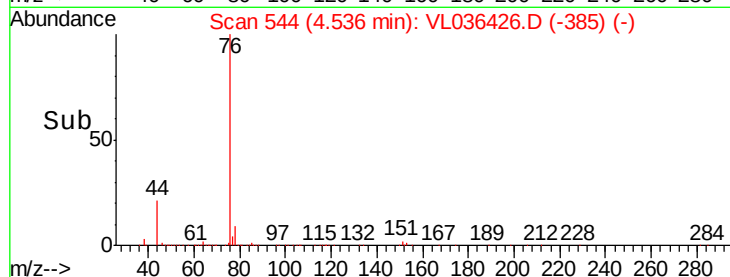
78 10.2 8.0 12.0



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 9.783 ppbv

RT: 5.02 min Scan# 695

Delta R.T. 0.01 min

Lab File: VL036426.D

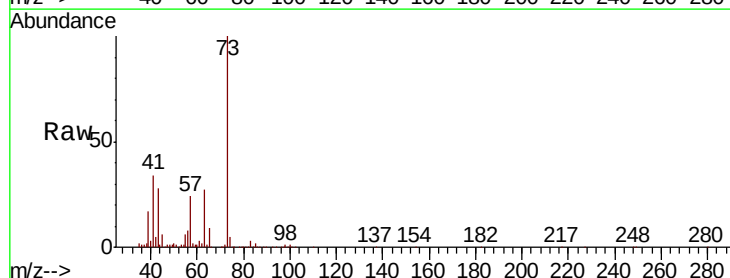
Acq: 2 Mar 2021 12:10

Tgt Ion: 73 Resp: 1938771

Ion Ratio Lower Upper

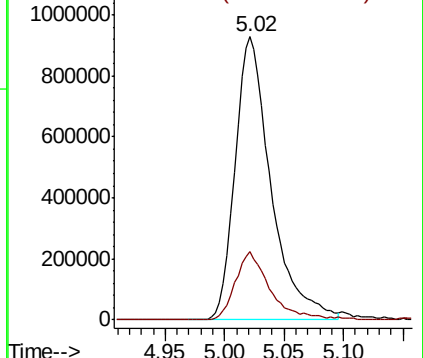
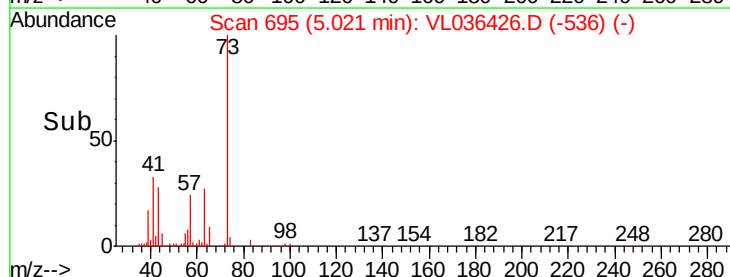
73 100

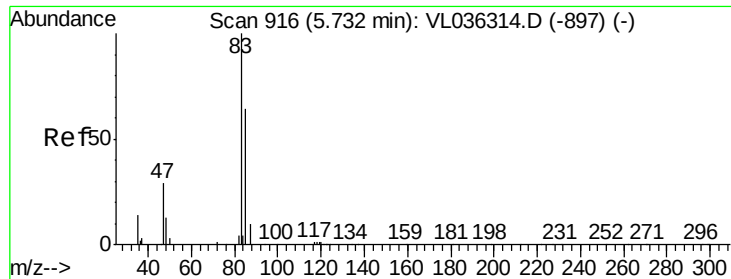
57 23.3 19.2 28.8



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

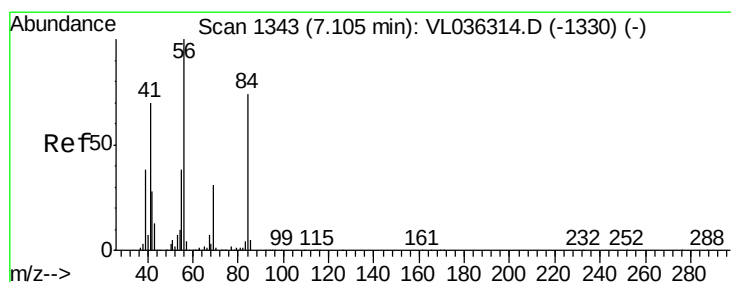
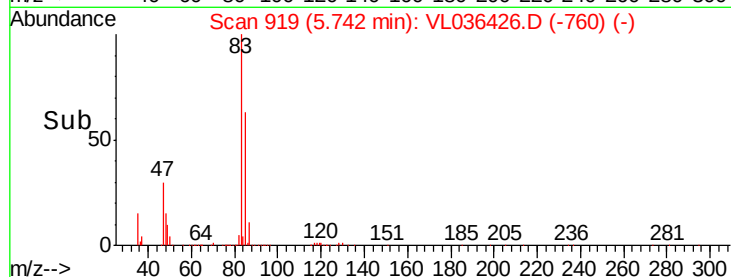
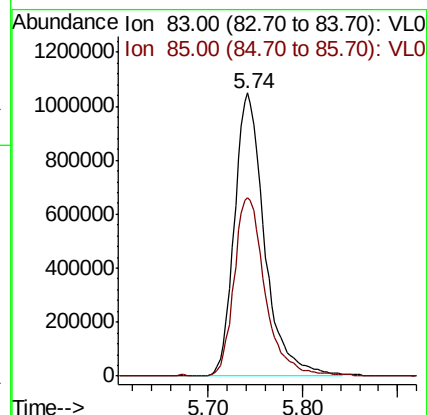
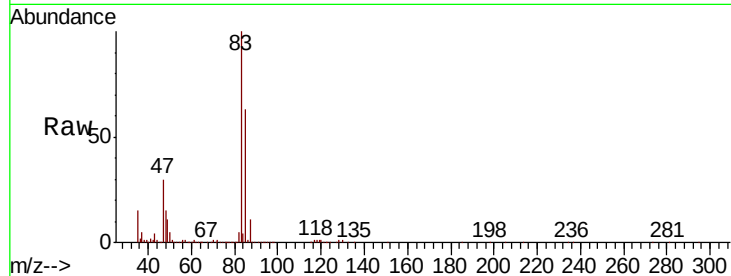




#29
Chloroform
Concen: 9.487 ppbv
RT: 5.74 min Scan# 919
Delta R.T. 0.01 min
Lab File: VL036426.D
Acq: 2 Mar 2021 12:10

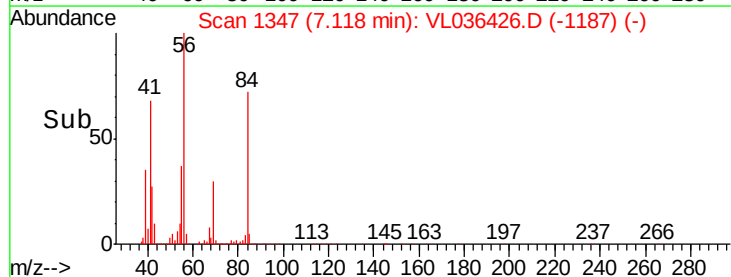
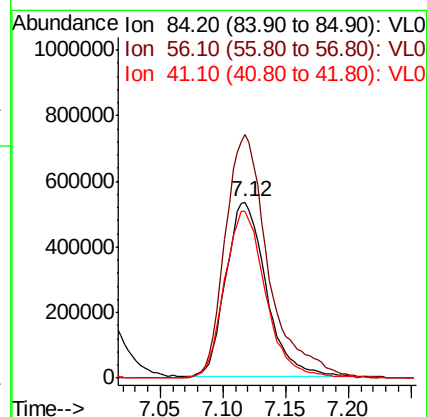
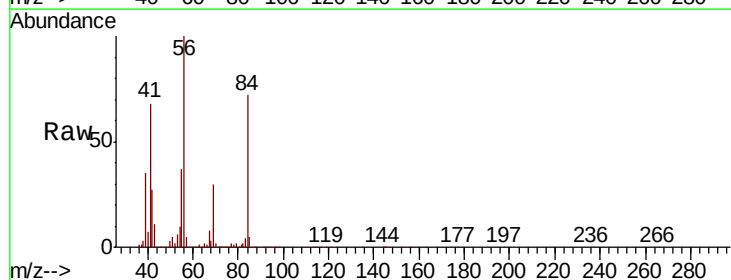
Instrument :
MSVOA_L
ClientSampleId :
VL0302ABS01

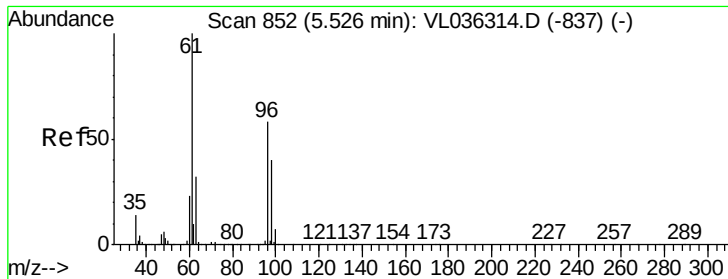
Tot Ion: 83 Resp: 2318437
Ion Ratio Lower Upper
83 100
85 62.9 51.4 77.2



#30
Cyclohexane
Concen: 9.410 ppbv
RT: 7.12 min Scan# 1347
Delta R.T. 0.01 min
Lab File: VL036426.D
Acq: 2 Mar 2021 12:10

Tgt Ion: 84 Resp: 1187190
Ion Ratio Lower Upper
84 100
56 150.8 120.2 180.4
41 97.9 79.7 119.5



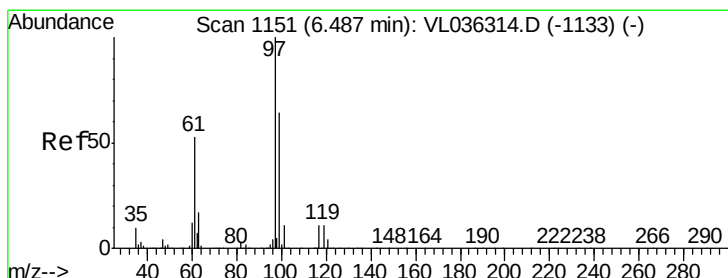
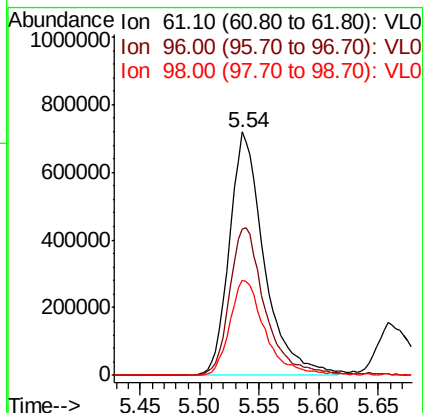
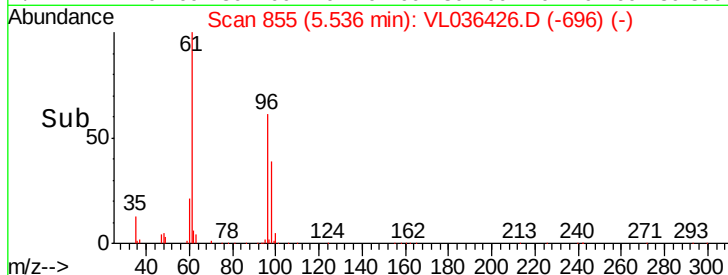
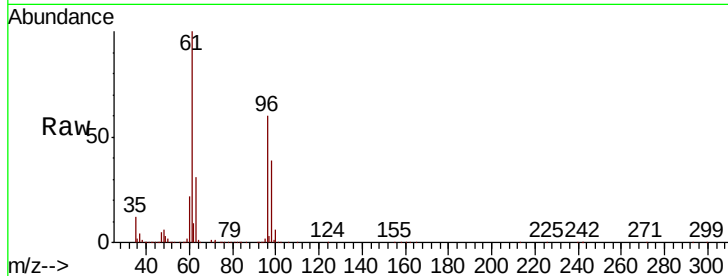


#31

cis-1,2-Dichloroethene
Concen: 9.687 ppbv
RT: 5.54 min Scan# 855
Delta R.T. 0.01 min
Lab File: VL036426.D
Acq: 2 Mar 2021 12:10

Instrument :
MSVOA_L
ClientSampleId :
VL0302ABS01

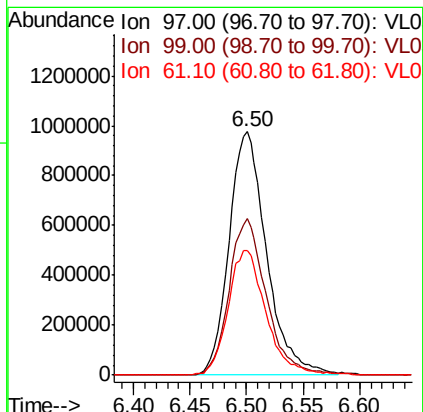
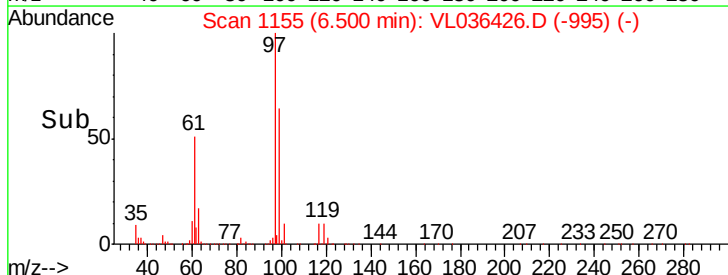
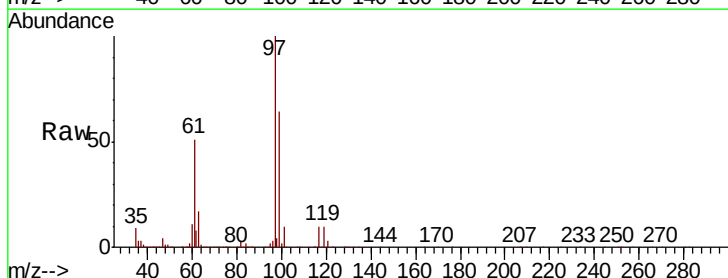
Tot Ion: 61 Resp: 1453970
Ion Ratio Lower Upper
61 100
96 59.8 46.0 69.0
98 39.2 31.9 47.9

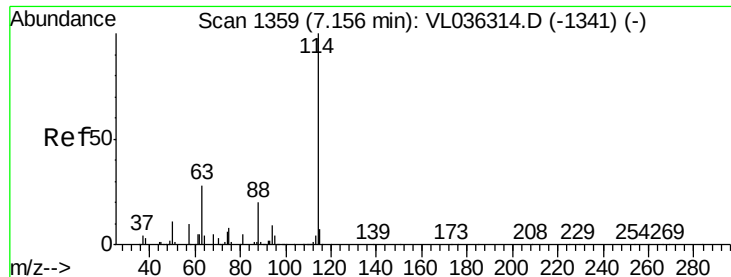


#32

1,1,1-Trichloroethane
Concen: 9.870 ppbv
RT: 6.50 min Scan# 1155
Delta R.T. 0.01 min
Lab File: VL036426.D
Acq: 2 Mar 2021 12:10

Tgt Ion: 97 Resp: 2255212
Ion Ratio Lower Upper
97 100
99 64.1 52.2 78.4
61 52.0 43.3 64.9

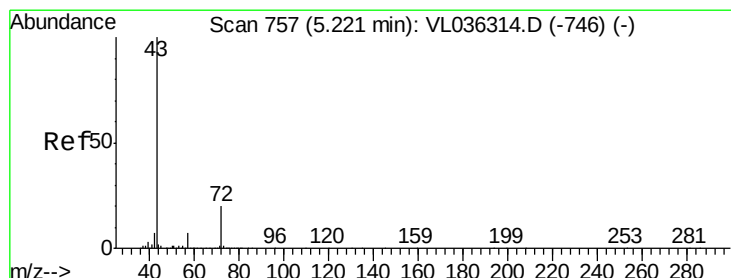
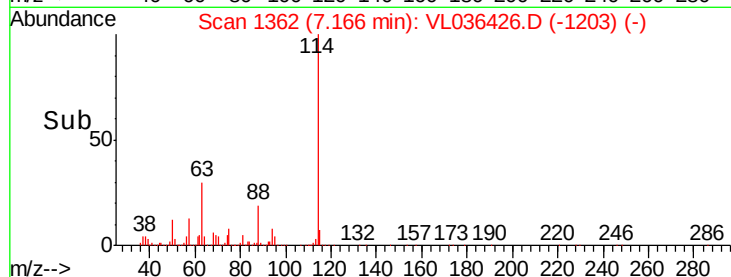
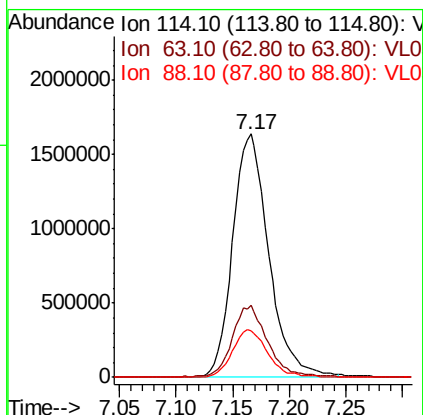
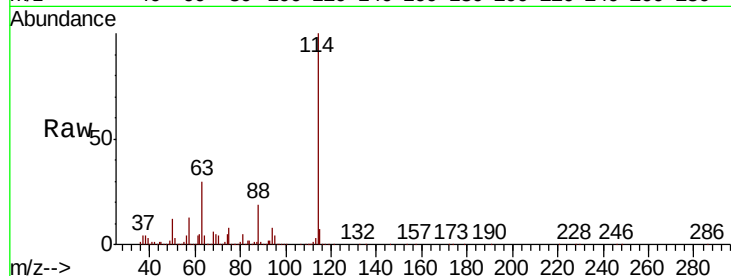




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: VL036426.D
 Acq: 2 Mar 2021 12:10

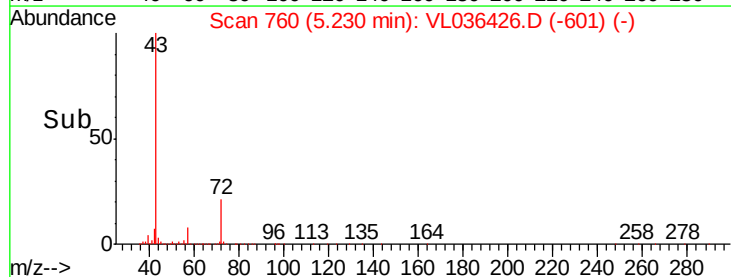
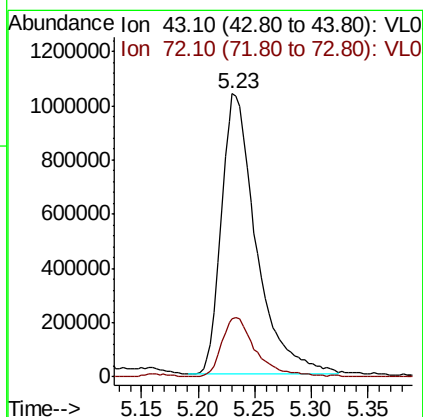
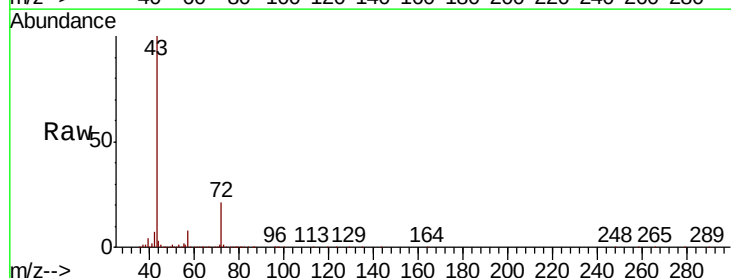
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0302ABS01

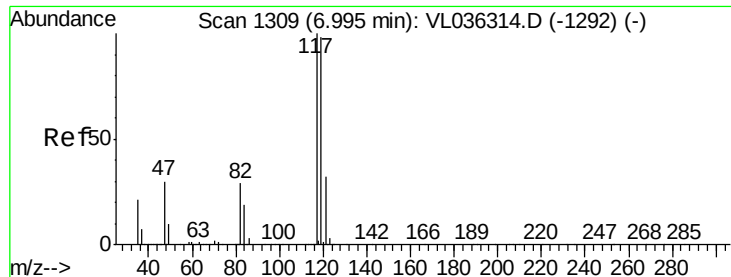
Tot Ion:114 Resp: 3638986
 Ion Ratio Lower Upper
 114 100
 63 29.3 24.1 36.1
 88 19.5 16.0 24.0



#34
 2-Butanone
 Concen: 9.196 ppbv
 RT: 5.23 min Scan# 760
 Delta R.T. 0.01 min
 Lab File: VL036426.D
 Acq: 2 Mar 2021 12:10

Tgt Ion: 43 Resp: 2223531
 Ion Ratio Lower Upper
 43 100
 72 21.0 16.7 25.1





#35

Carbon Tetrachloride

Concen: 9.443 ppbv

RT: 7.01 min Scan# 1312

Delta R.T. 0.01 min

Lab File: VL036426.D

Acq: 2 Mar 2021 12:10

Instrument :

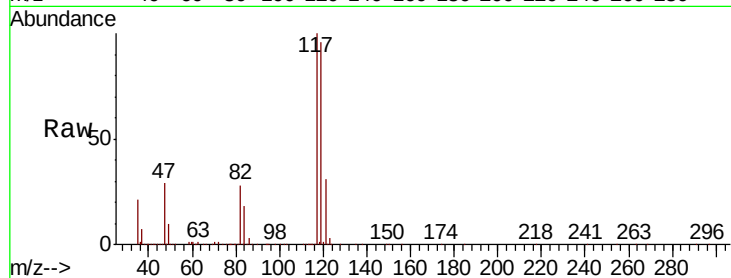
MSVOA_L

ClientSampleId :

VL0302ABS01

Tot Ion:117 Resp: 2302951

Ion	Ratio	Lower	Upper
117	100		
119	96.3	78.1	117.1
121	31.0	25.8	38.8

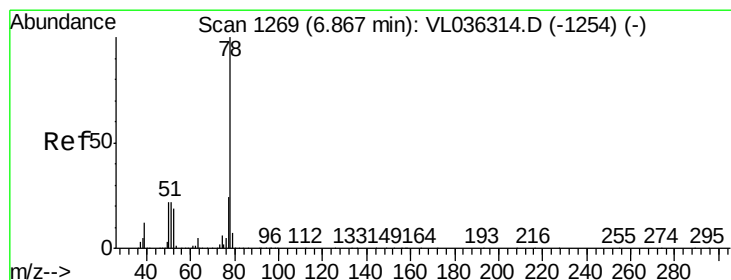
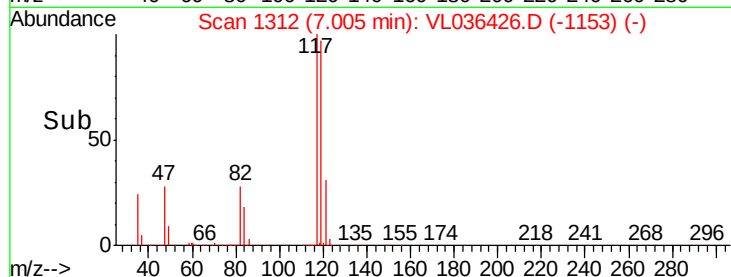
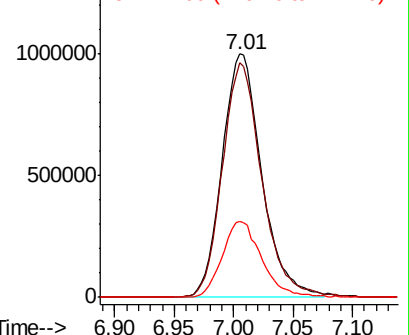


Abundance

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: 9.564 ppbv

RT: 6.88 min Scan# 1273

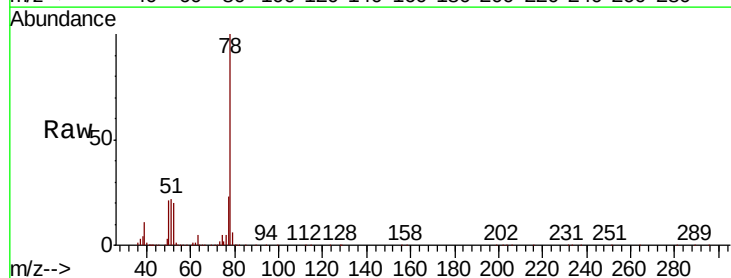
Delta R.T. 0.01 min

Lab File: VL036426.D

Acq: 2 Mar 2021 12:10

Tgt Ion: 78 Resp: 2956316

Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.9	28.3
50	20.8	17.3	25.9

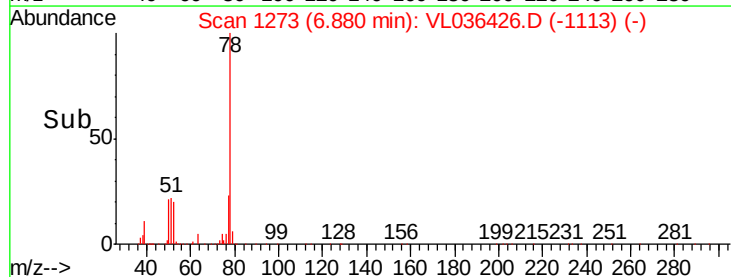
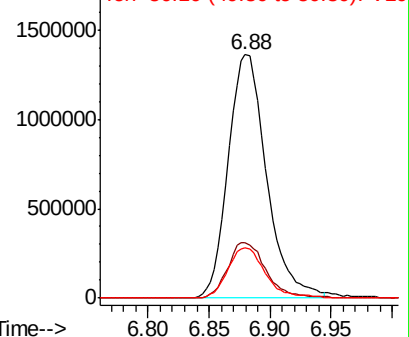


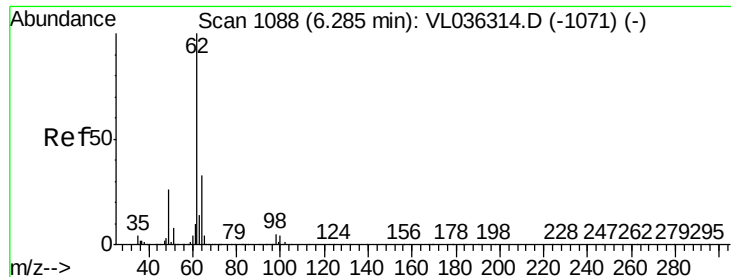
Abundance

Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

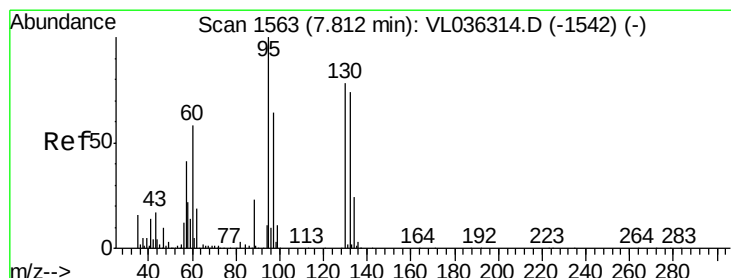
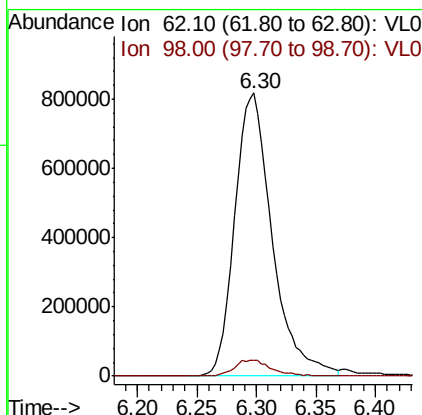
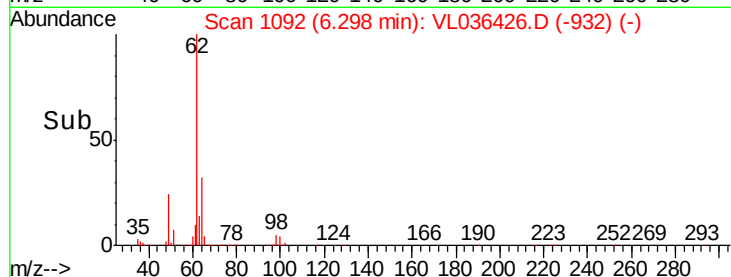
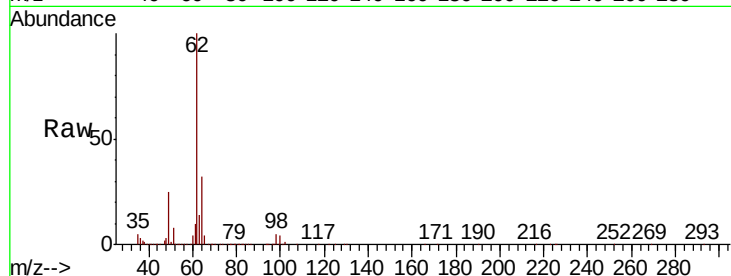




#37
 1,2-Dichloroethane
 Concen: 9.338 ppbv
 RT: 6.30 min Scan# 1092
 Delta R.T. 0.01 min
 Lab File: VL036426.D
 Acq: 2 Mar 2021 12:10

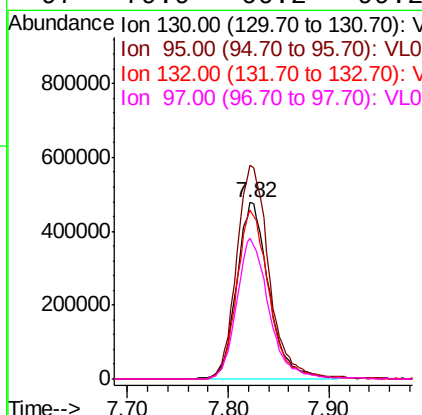
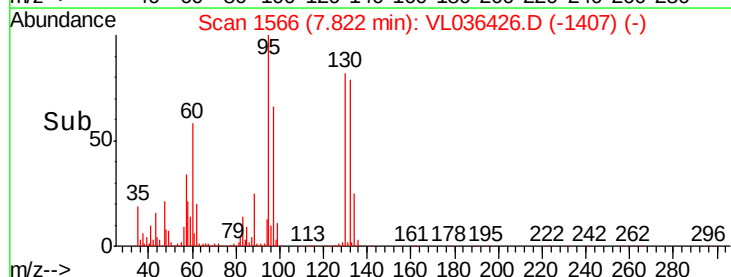
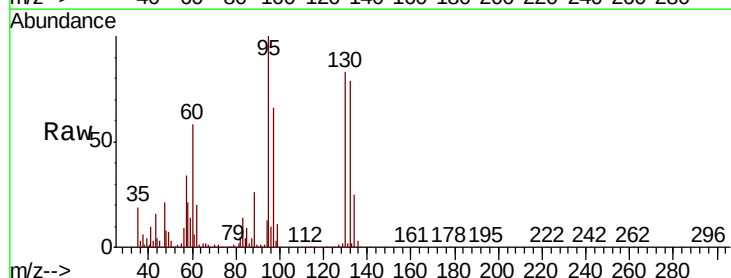
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0302ABS01

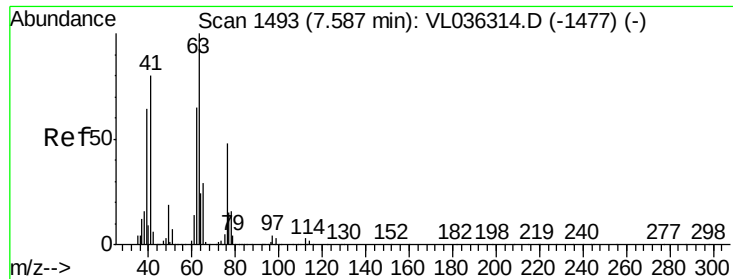
Tot Ion: 62 Resp: 1784609
 Ion Ratio Lower Upper
 62 100
 98 5.8 4.5 6.7



#38
 Trichloroethene
 Concen: 9.534 ppbv
 RT: 7.82 min Scan# 1566
 Delta R.T. 0.01 min
 Lab File: VL036426.D
 Acq: 2 Mar 2021 12:10

Tgt Ion: 130 Resp: 1055810
 Ion Ratio Lower Upper
 130 100
 95 121.3 102.8 154.2
 132 96.0 75.7 113.5
 97 79.9 66.2 99.2



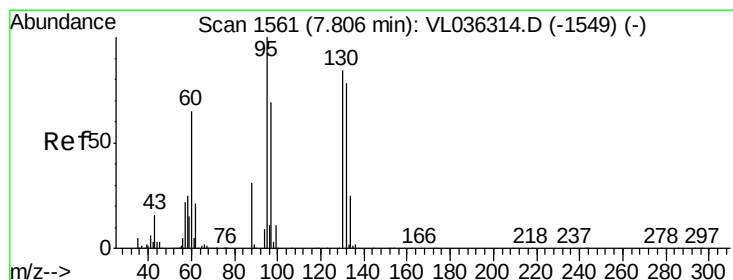
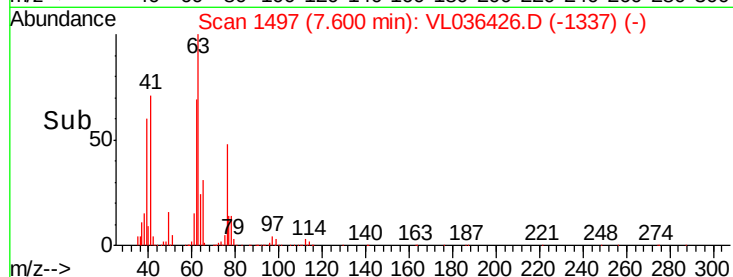
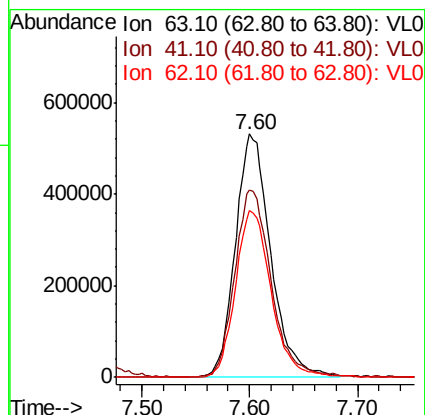
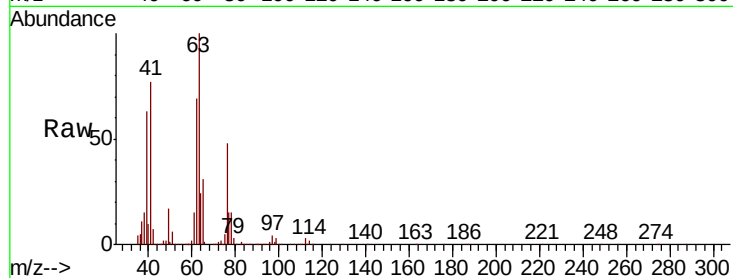


#39
 1,2-Dichloropropane
 Concen: 9.655 ppbv
 RT: 7.60 min Scan# 1497
 Delta R.T. 0.01 min
 Lab File: VL036426.D
 Acq: 2 Mar 2021 12:10

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0302ABS01

Tot Ion: 63 Resp: 1212408

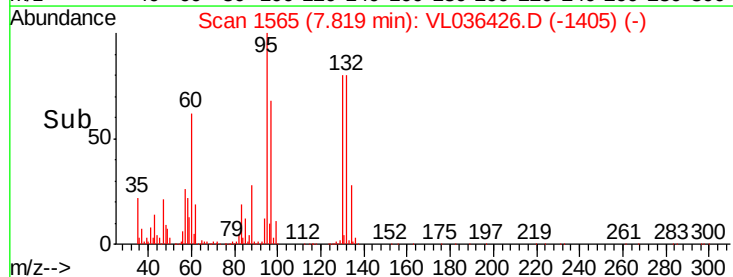
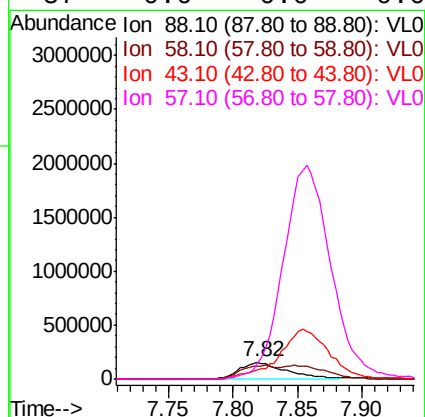
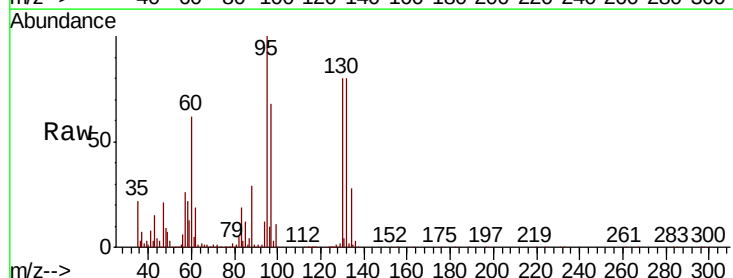
Ion	Ratio	Lower	Upper
63	100		
41	76.6	63.8	95.6
62	68.8	52.3	78.5

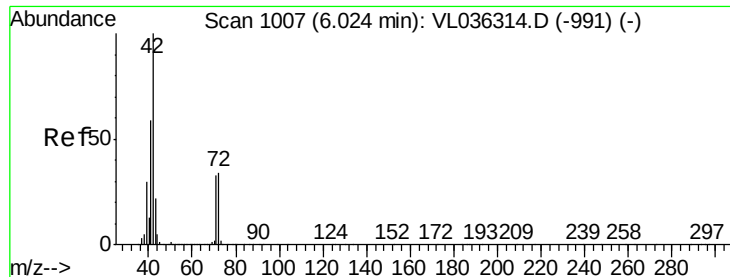


#40
 1,4-Dioxane
 Concen: 8.797 ppbv
 RT: 7.82 min Scan# 1565
 Delta R.T. 0.01 min
 Lab File: VL036426.D
 Acq: 2 Mar 2021 12:10

Tgt Ion: 88 Resp: 382719

Ion	Ratio	Lower	Upper
88	100		
58	70.0	45.0	67.4#
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 9.432 ppbv

RT: 6.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: VL036426.D

Acq: 2 Mar 2021 12:10

Instrument :

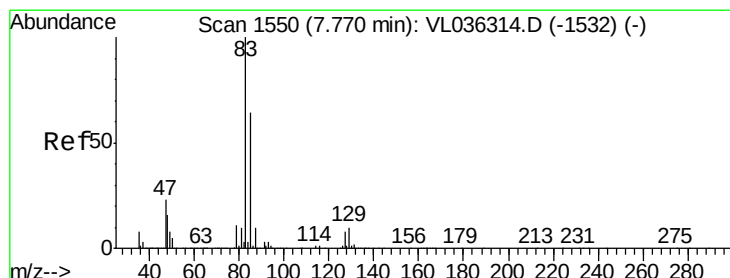
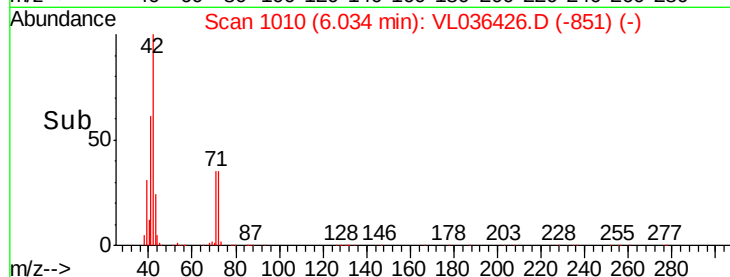
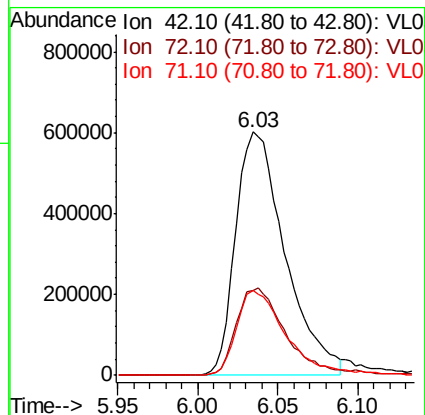
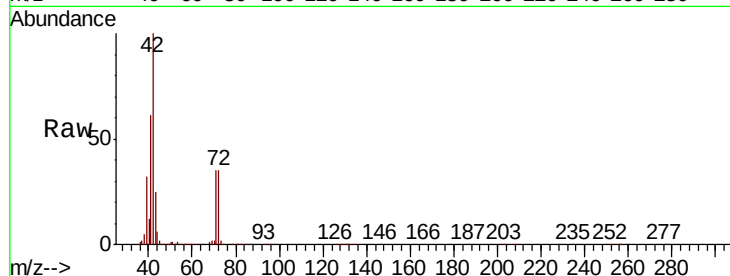
MSVOA_L

ClientSampleId :

VL0302ABS01

Tot Ion: 42 Resp: 1272561

Ion	Ratio	Lower	Upper
42	100		
72	36.7	29.3	43.9
71	35.4	27.8	41.8



#42

Bromodichloromethane

Concen: 9.609 ppbv

RT: 7.78 min Scan# 1554

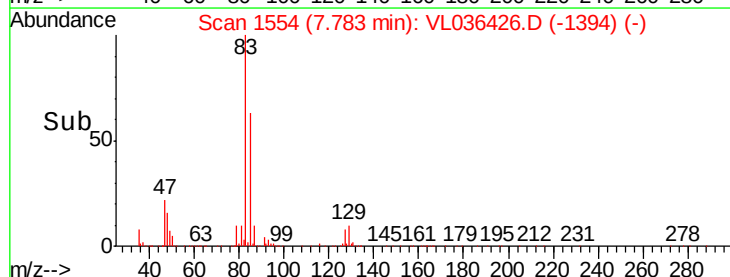
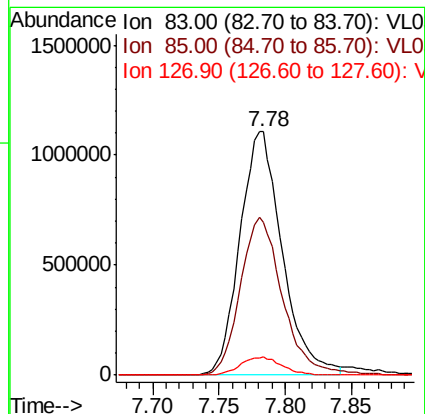
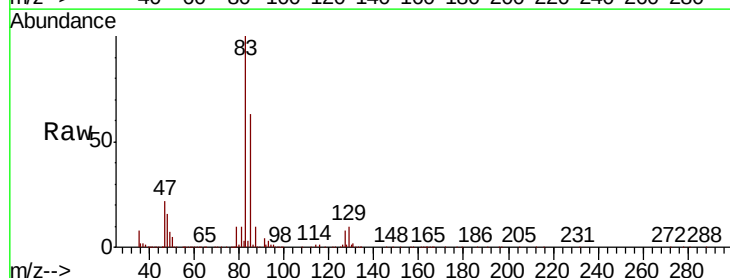
Delta R.T. 0.01 min

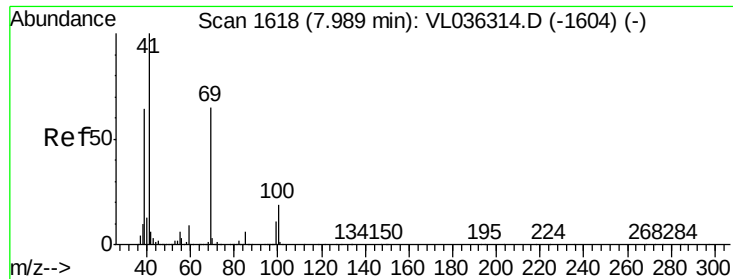
Lab File: VL036426.D

Acq: 2 Mar 2021 12:10

Tgt Ion: 83 Resp: 2459482

Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.1	76.7
127	7.6	6.3	9.5

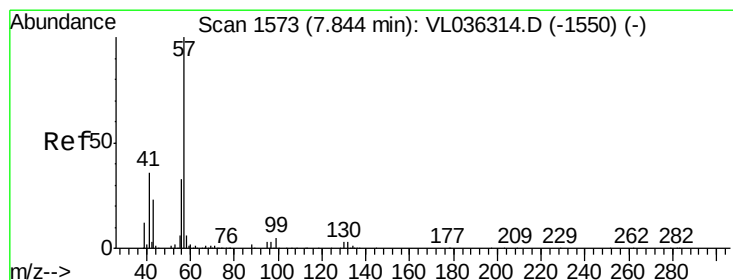
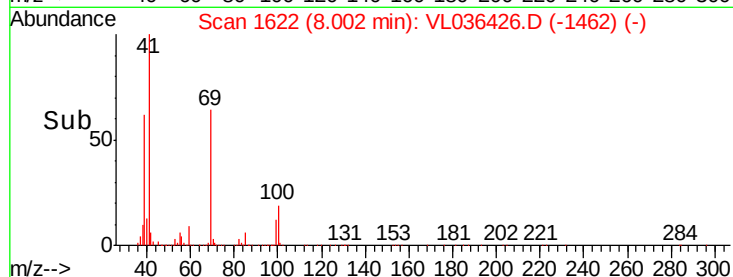
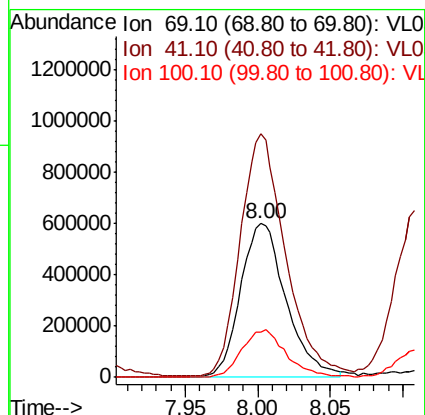
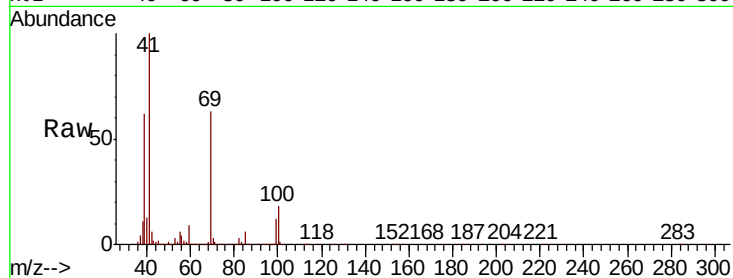




#43
Methyl Methacrylate
Concen: 10.041 ppbv
RT: 8.00 min Scan# 1622
Delta R.T. 0.01 min
Lab File: VL036426.D
Acq: 2 Mar 2021 12:10

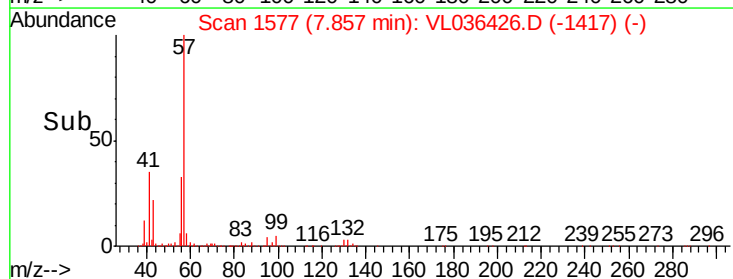
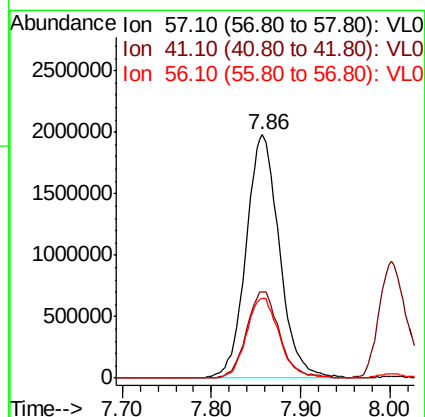
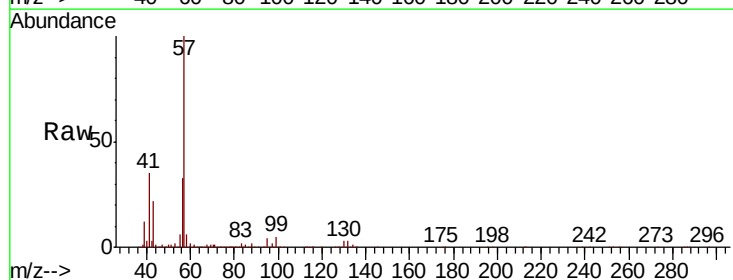
Instrument :
MSVOA_L
ClientSampleId :
VL0302ABS01

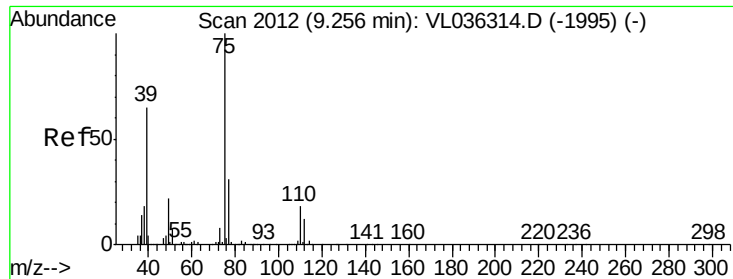
Tot Ion: 69 Resp: 1309055
Ion Ratio Lower Upper
69 100
41 157.5 126.5 189.7
100 30.4 23.1 34.7



#44
2,2,4-Trimethylpentane
Concen: 9.132 ppbv
RT: 7.86 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VL036426.D
Acq: 2 Mar 2021 12:10

Tgt Ion: 57 Resp: 5132738
Ion Ratio Lower Upper
57 100
41 34.9 28.8 43.2
56 32.5 25.8 38.6

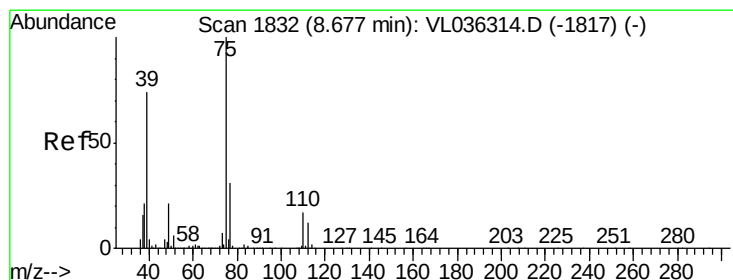
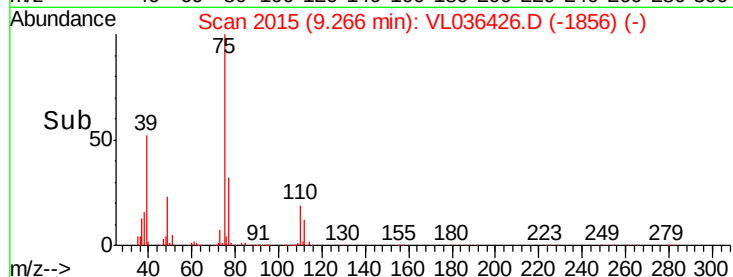
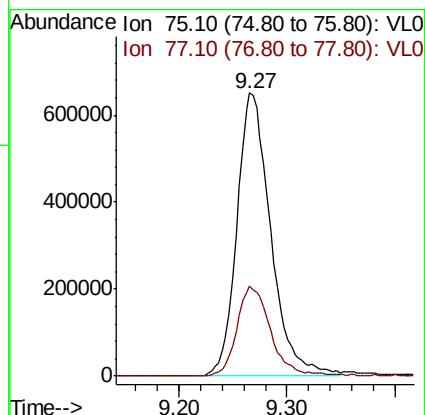
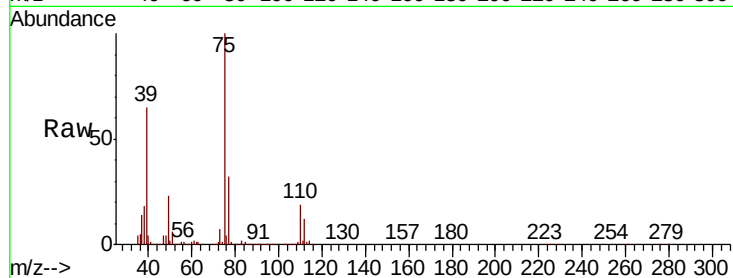




#45
t-1,3-Dichloropropene
Concen: 11.328 ppbv
RT: 9.27 min Scan# 2015
Delta R.T. 0.01 min
Lab File: VL036426.D
Acq: 2 Mar 2021 12:10

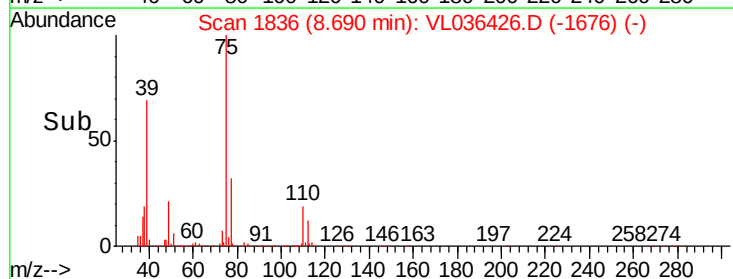
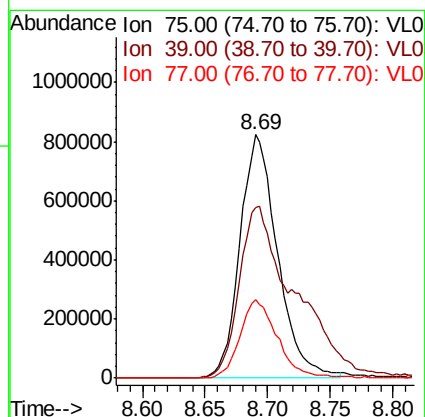
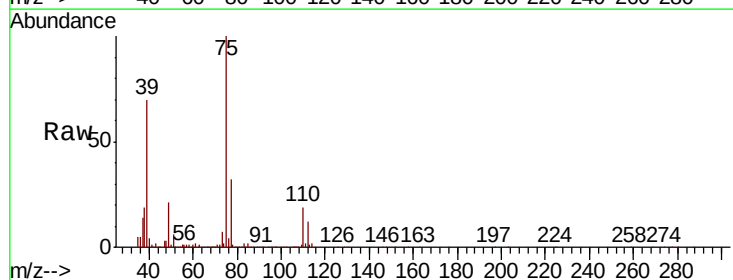
Instrument :
MSVOA_L
ClientSampleId :
VL0302ABS01

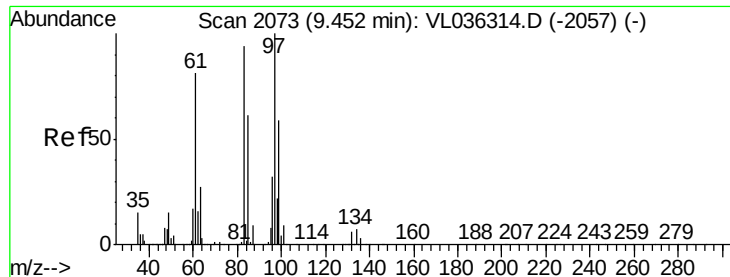
Tot Ion: 75 Resp: 1424598
Ion Ratio Lower Upper
75 100
77 31.8 24.6 37.0



#46
cis-1,3-Dichloropropene
Concen: 10.736 ppbv
RT: 8.69 min Scan# 1836
Delta R.T. 0.01 min
Lab File: VL036426.D
Acq: 2 Mar 2021 12:10

Tgt Ion: 75 Resp: 1715039
Ion Ratio Lower Upper
75 100
39 69.8 59.2 88.8
77 32.4 25.0 37.6



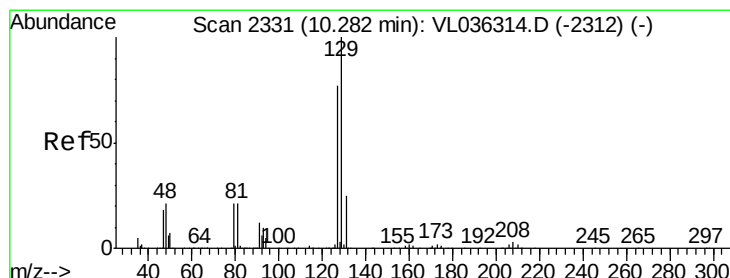
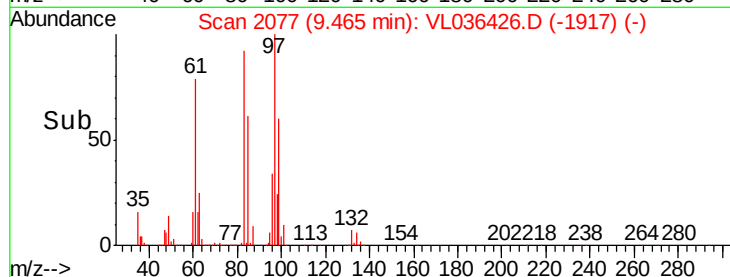
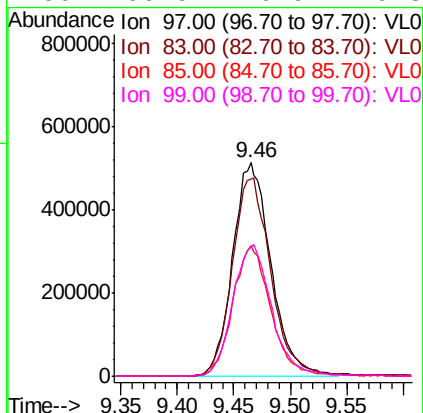
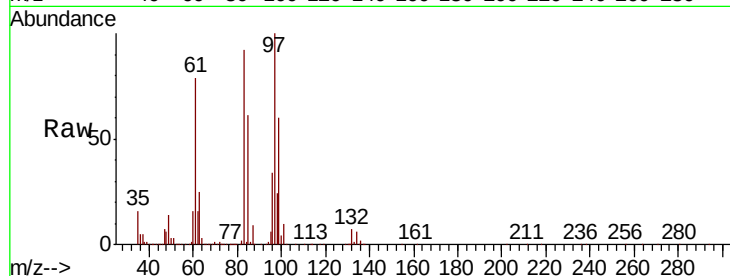


#47
 1,1,2-Trichloroethane
 Concen: 9.414 ppbv
 RT: 9.46 min Scan# 2077
 Delta R.T. 0.01 min
 Lab File: VL036426.D
 Acq: 2 Mar 2021 12:10

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0302ABS01

Tot Ion: 97 Resp: 1209850

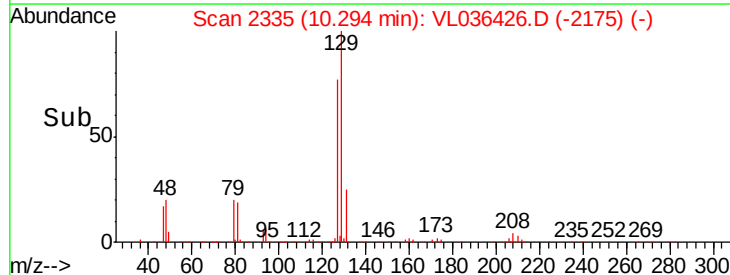
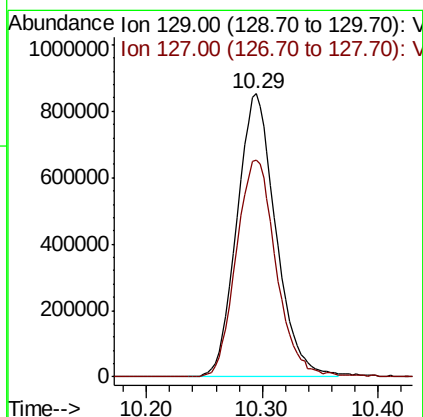
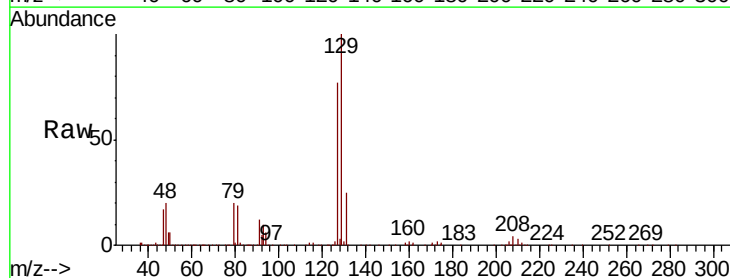
Ion	Ratio	Lower	Upper
97	100		
83	92.1	75.4	113.0
85	61.1	48.9	73.3
99	60.5	46.9	70.3

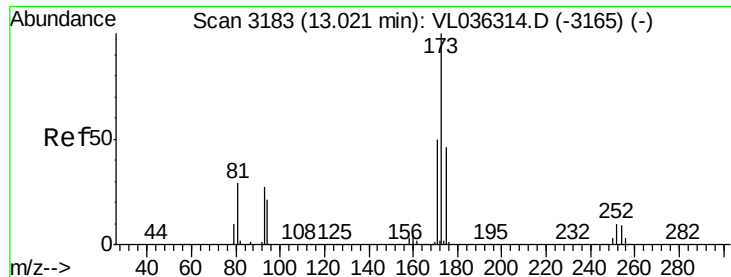


#48
 Dibromochloromethane
 Concen: 10.333 ppbv
 RT: 10.29 min Scan# 2335
 Delta R.T. 0.01 min
 Lab File: VL036426.D
 Acq: 2 Mar 2021 12:10

Tgt Ion: 129 Resp: 1981414

Ion	Ratio	Lower	Upper
129	100		
127	79.5	39.1	117.2





#49

Bromoform

Concen: 10.838 ppbv

RT: 13.03 min Scan# 3187

Delta R.T. 0.01 min

Lab File: VL036426.D

Acq: 2 Mar 2021 12:10

Instrument :

MSVOA_L

ClientSampleId :

VL0302ABS01

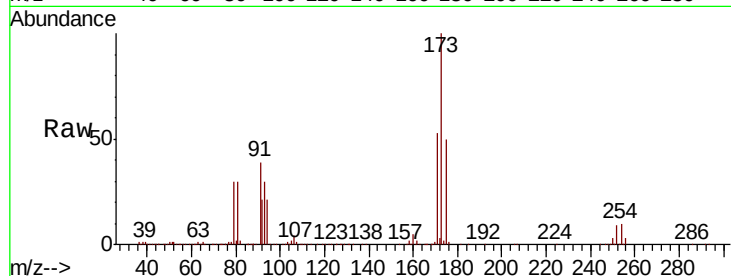
Tot Ion:173 Resp: 1680129

Ion Ratio Lower Upper

173 100

175 49.5 40.2 60.2

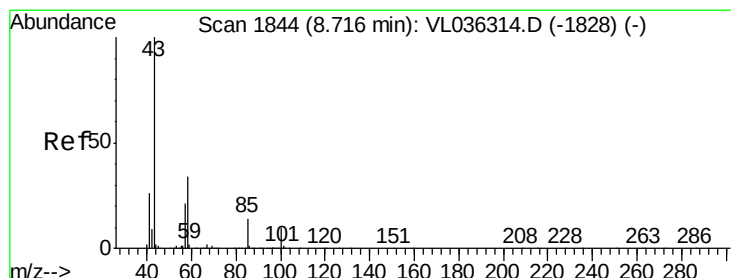
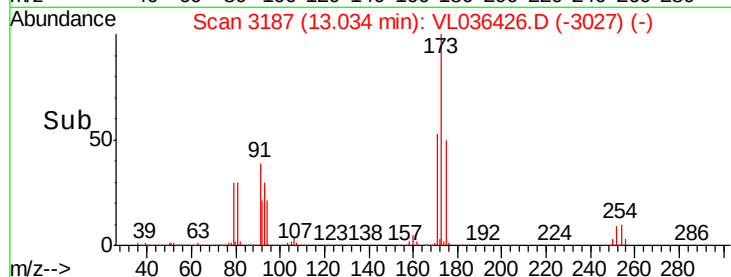
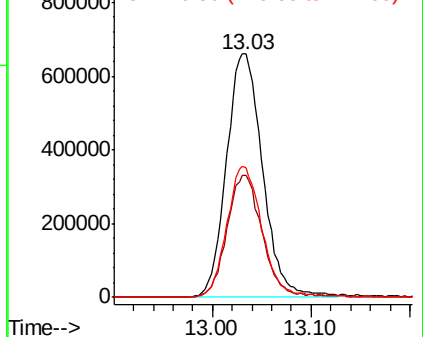
171 53.6 43.4 65.2



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 9.704 ppbv

RT: 8.73 min Scan# 1848

Delta R.T. 0.01 min

Lab File: VL036426.D

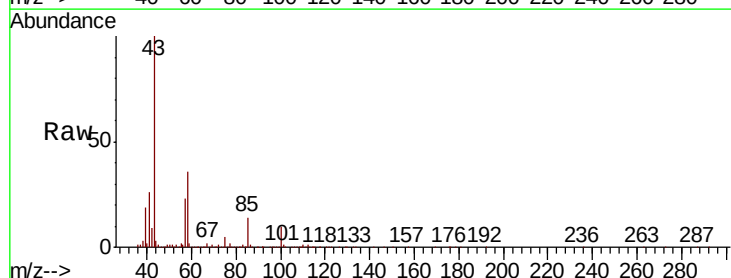
Acq: 2 Mar 2021 12:10

Tgt Ion: 43 Resp: 3482951

Ion Ratio Lower Upper

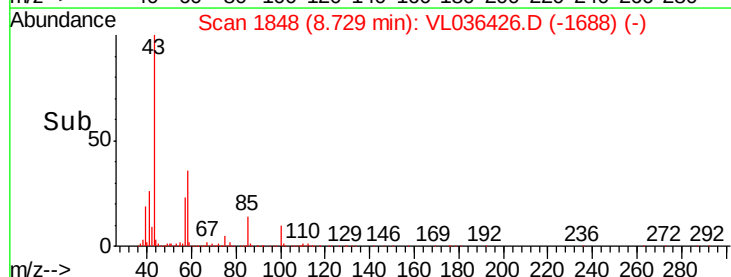
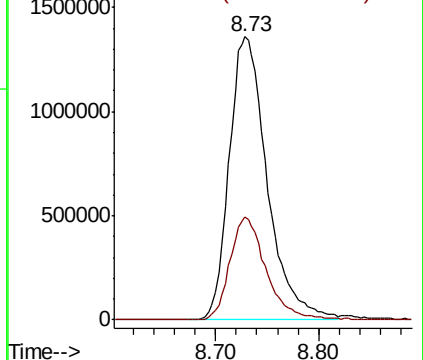
43 100

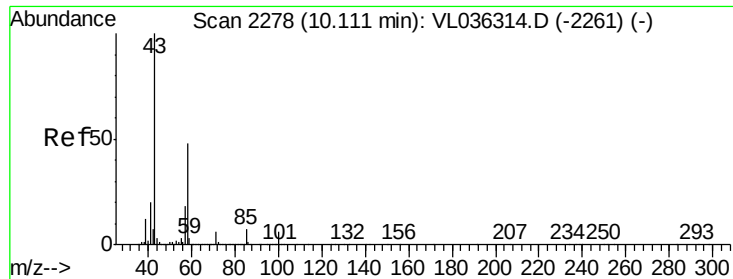
58 35.1 27.8 41.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

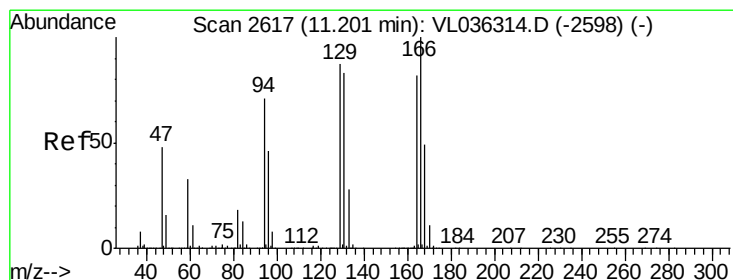
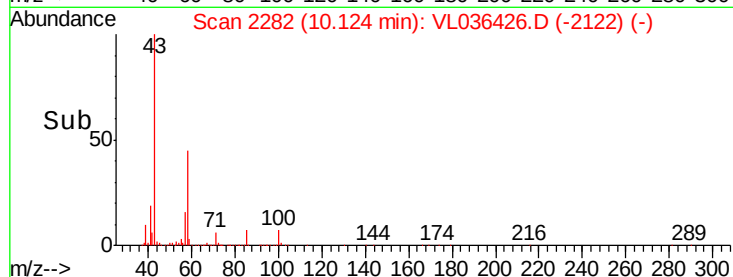
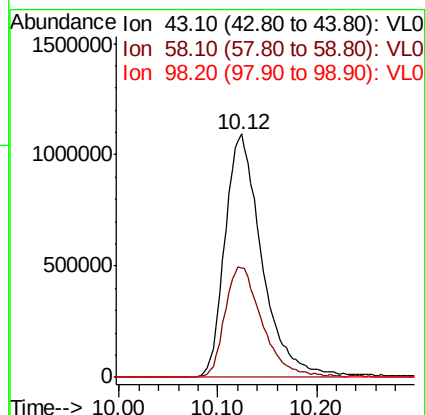
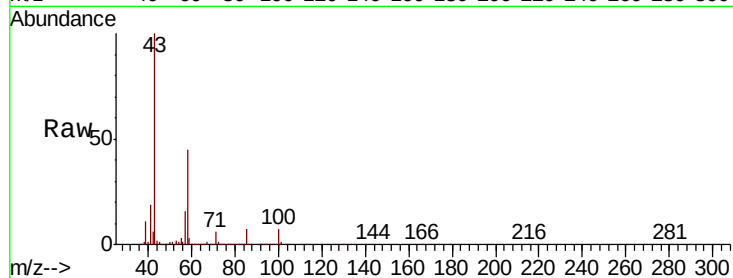




#51
2-Hexanone
Concen: 10.458 ppbv
RT: 10.12 min Scan# 2282
Delta R.T. 0.01 min
Lab File: VL036426.D
Acq: 2 Mar 2021 12:10

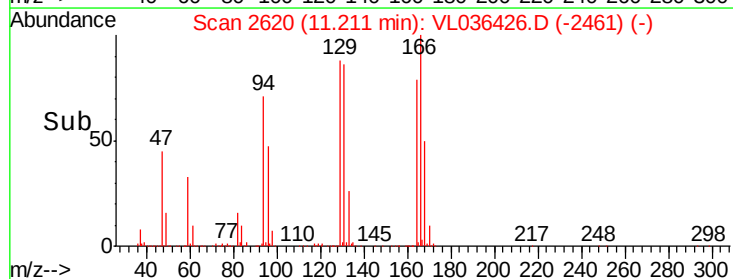
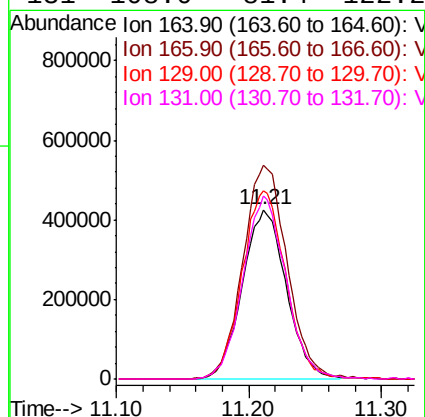
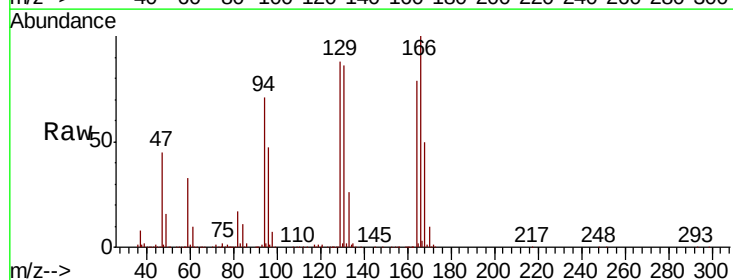
Instrument :
MSVOA_L
ClientSampleId :
VL0302ABS01

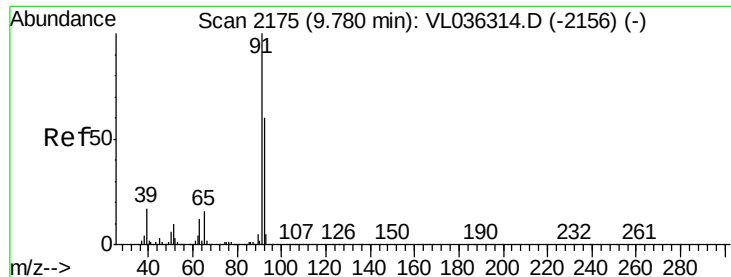
Tot Ion: 43 Resp: 2852346
Ion Ratio Lower Upper
43 100
58 46.7 38.7 58.1
98 0.5 0.4 0.6



#52
Tetrachloroethene
Concen: 8.657 ppbv
RT: 11.21 min Scan# 2620
Delta R.T. 0.01 min
Lab File: VL036426.D
Acq: 2 Mar 2021 12:10

Tgt Ion: 164 Resp: 979632
Ion Ratio Lower Upper
164 100
166 126.0 97.8 146.8
129 110.8 84.9 127.3
131 108.0 81.4 122.2





#53

Toluene

Concen: 10.020 ppbv

RT: 9.80 min Scan# 2180

Delta R.T. 0.02 min

Lab File: VL036426.D

Acq: 2 Mar 2021 12:10

Instrument :

MSVOA_L

ClientSampleId :

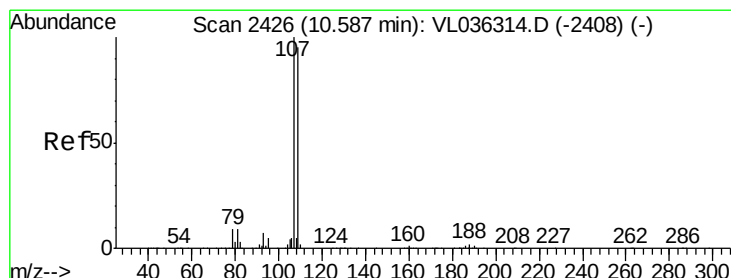
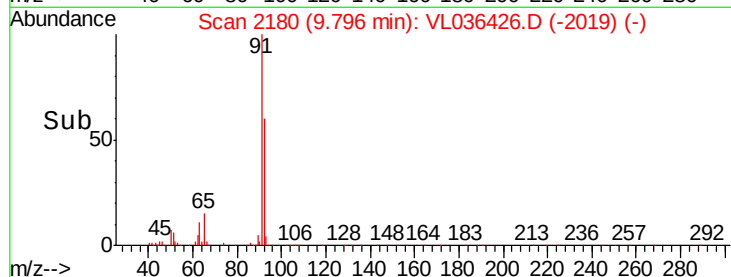
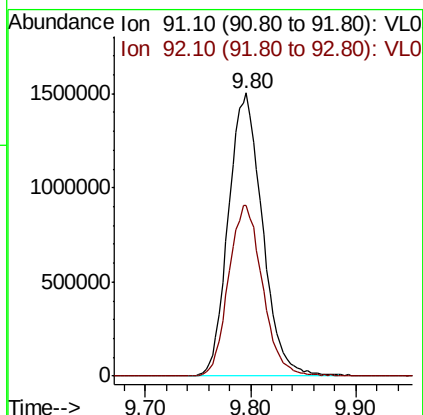
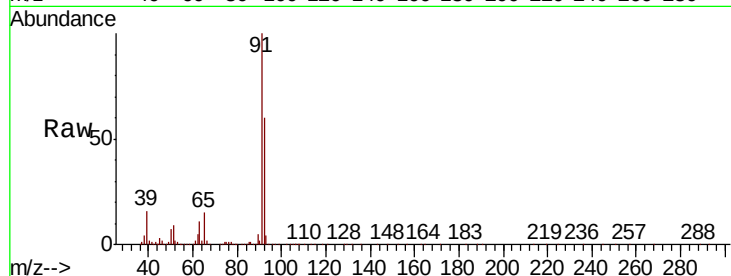
VL0302ABS01

Tot Ion: 91 Resp: 3355108

Ion Ratio Lower Upper

91 100

92 60.7 48.6 72.8



#54

1,2-Dibromoethane

Concen: 9.643 ppbv

RT: 10.60 min Scan# 2430

Delta R.T. 0.01 min

Lab File: VL036426.D

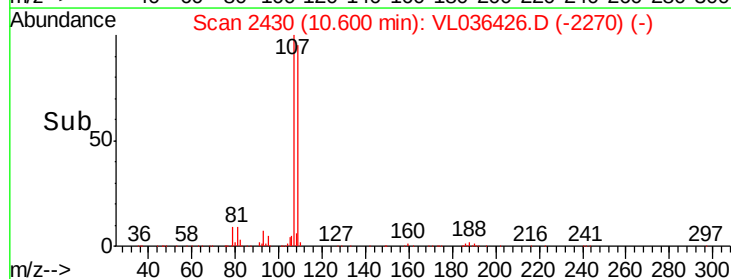
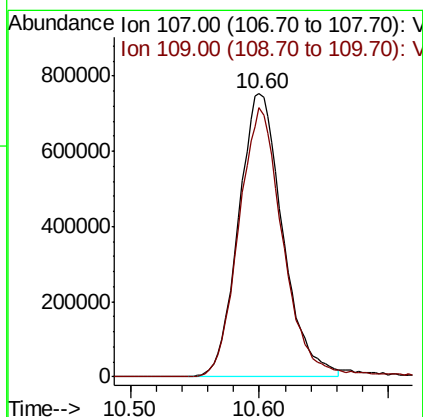
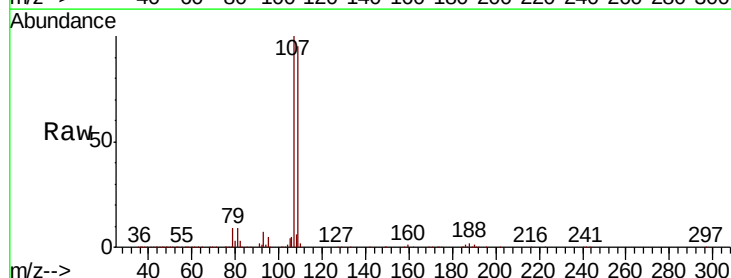
Acq: 2 Mar 2021 12:10

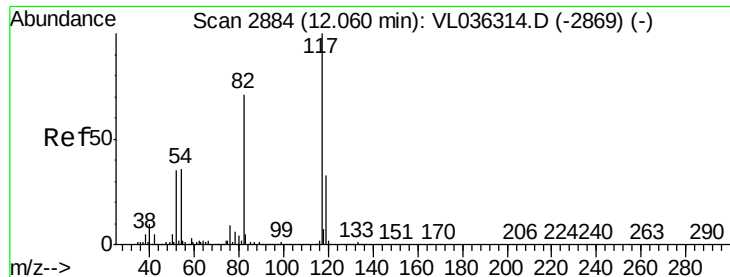
Tgt Ion: 107 Resp: 1790760

Ion Ratio Lower Upper

107 100

109 95.1 76.0 114.0

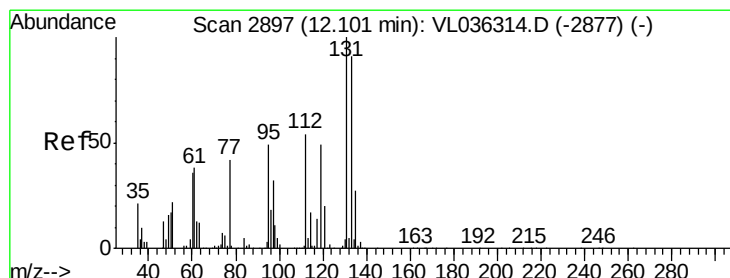
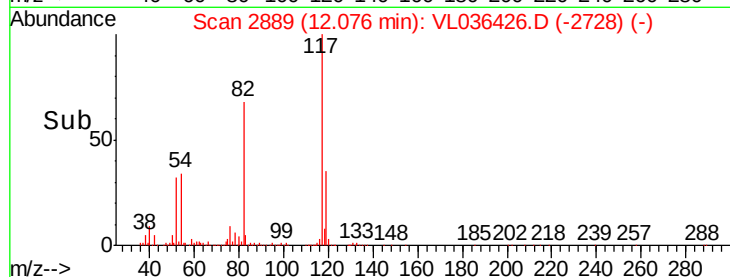
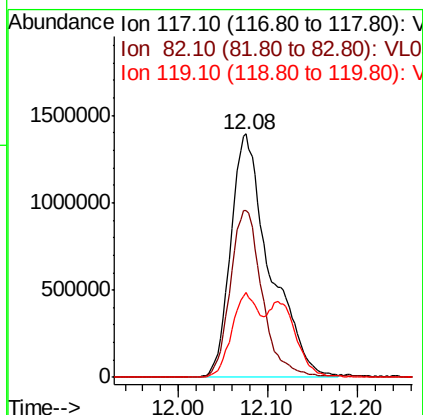
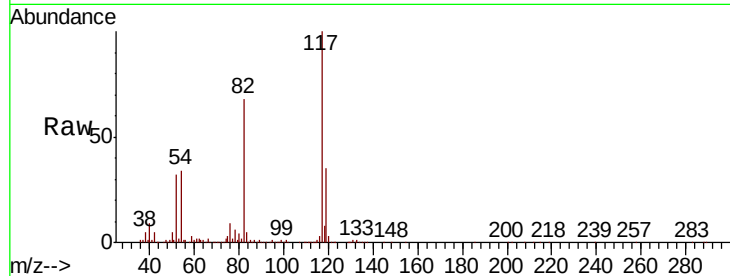




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. 0.02 min
Lab File: VL036426.D
Acq: 2 Mar 2021 12:10

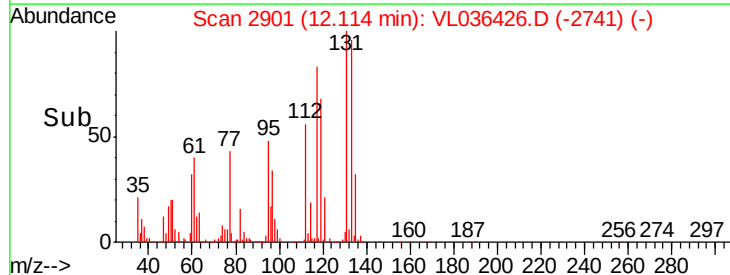
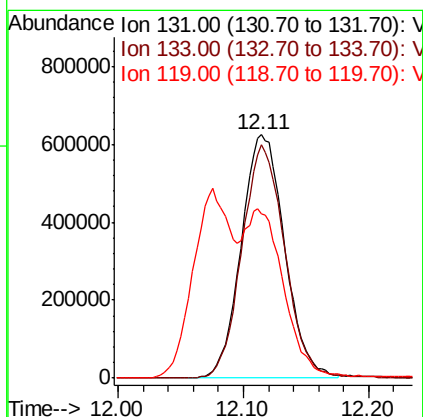
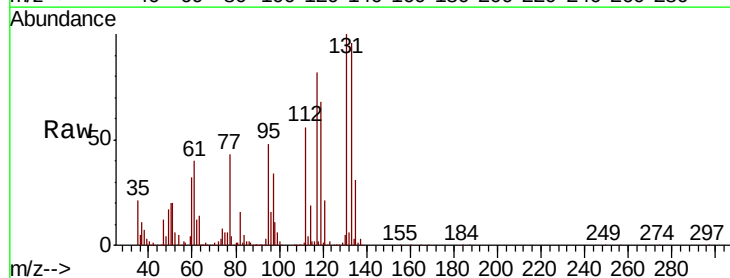
Instrument :
MSVOA_L
ClientSampleId :
VL0302ABS01

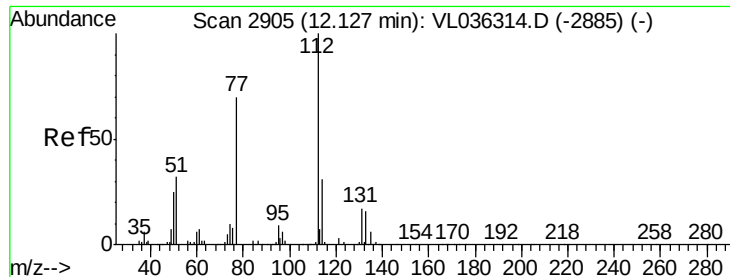
Tot Ion:117 Resp: 4241678
Ion Ratio Lower Upper
117 100
82 56.8 59.1 88.7#
119 24.6 46.3 69.5#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.691 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. 0.01 min
Lab File: VL036426.D
Acq: 2 Mar 2021 12:10

Tgt Ion:131 Resp: 1500595
Ion Ratio Lower Upper
131 100
133 95.5 76.0 114.0
119 60.6 115.1 172.7#

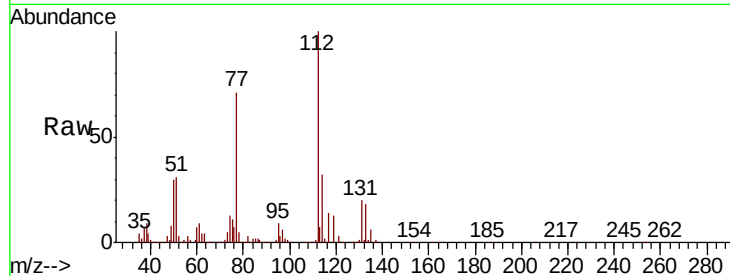




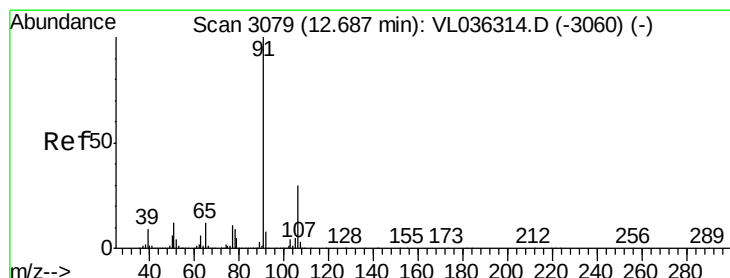
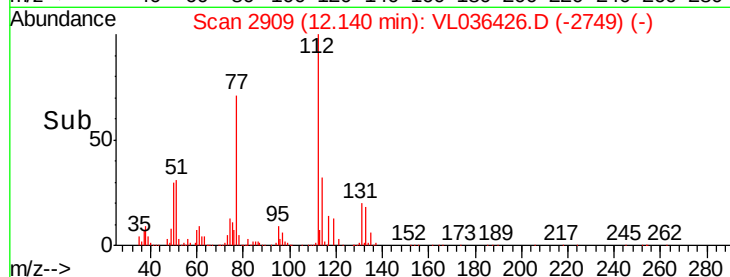
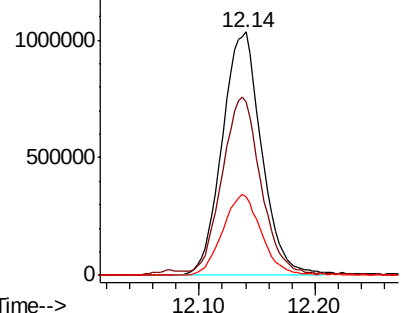
#57
Chlorobenzene
Concen: 7.418 ppbv
RT: 12.14 min Scan# 2909
Delta R.T. 0.01 min
Lab File: VL036426.D
Acq: 2 Mar 2021 12:10

Instrument :
MSVOA_L
ClientSampleId :
VL0302ABS01

Tot Ion:112 Resp: 2431176
Ion Ratio Lower Upper
112 100
77 70.2 56.1 84.1
114 32.2 28.3 34.5

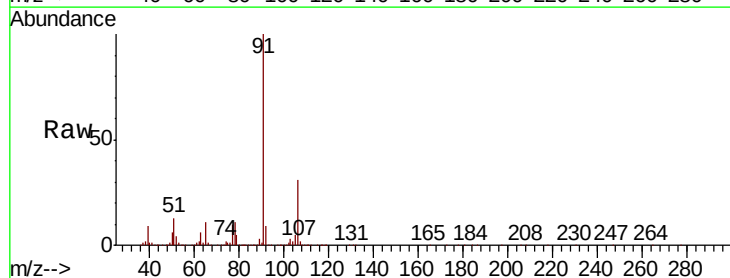


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

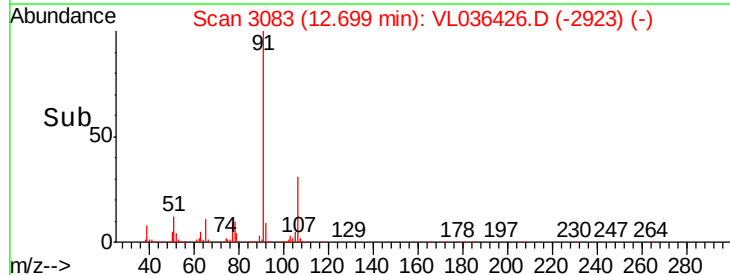
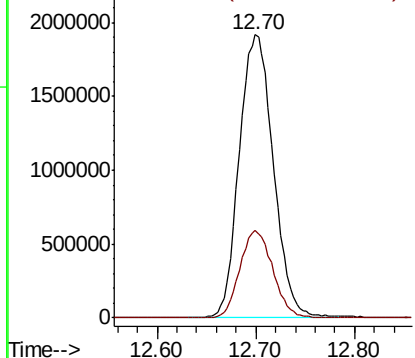


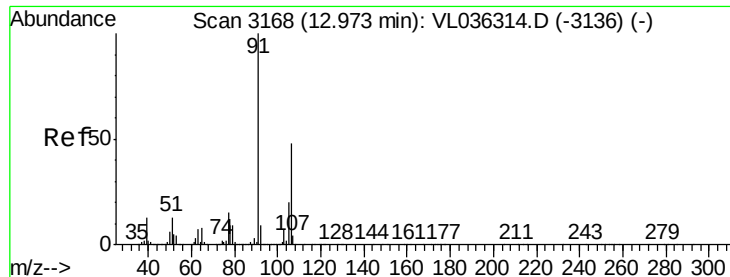
#58
Ethyl Benzene
Concen: 7.901 ppbv
RT: 12.70 min Scan# 3083
Delta R.T. 0.01 min
Lab File: VL036426.D
Acq: 2 Mar 2021 12:10

Tgt Ion: 91 Resp: 4588868
Ion Ratio Lower Upper
91 100
106 30.9 23.8 35.6



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V

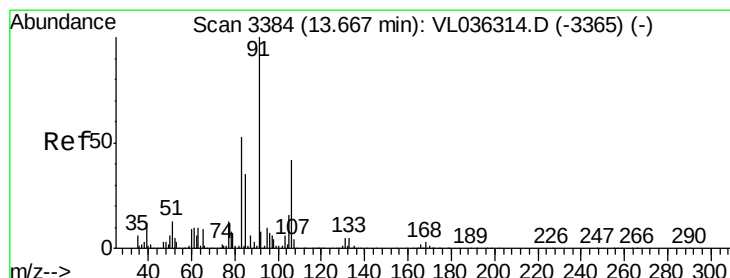
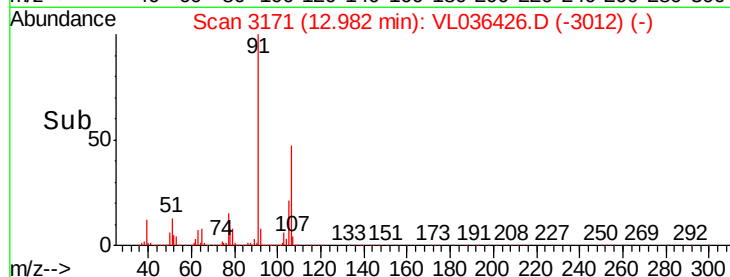
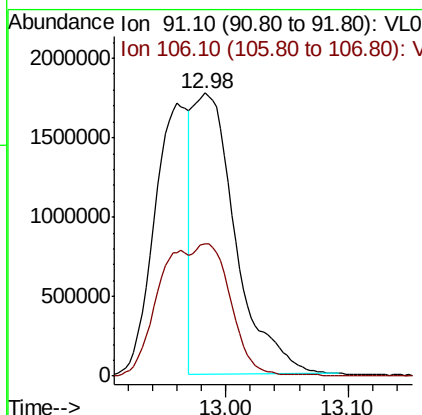
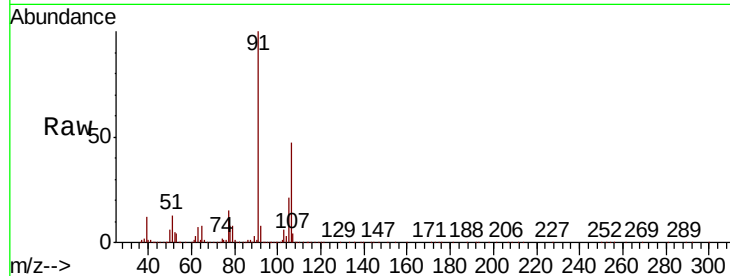




#59
m/p-Xylene
Concen: 8.441 ppbv
RT: 12.98 min Scan# 3171
Delta R.T. 0.01 min
Lab File: VL036426.D
Acq: 2 Mar 2021 12:10

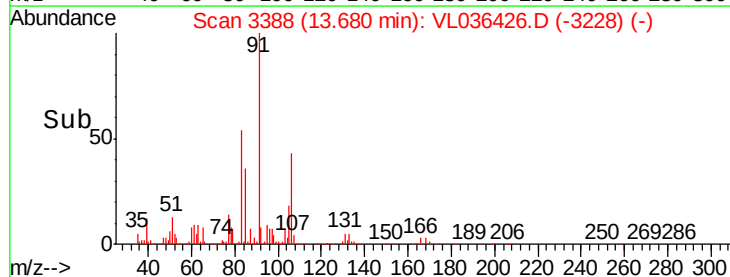
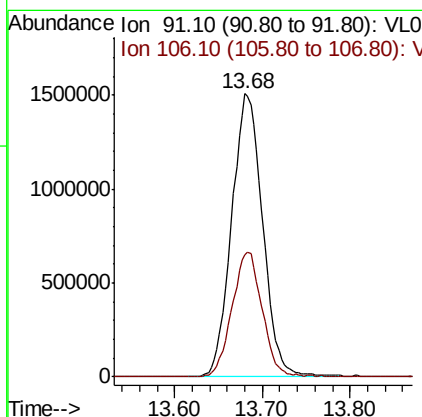
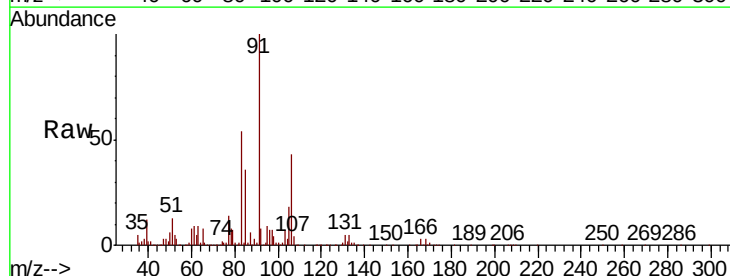
Instrument :
MSVOA_L
ClientSampleId :
VL0302ABS01

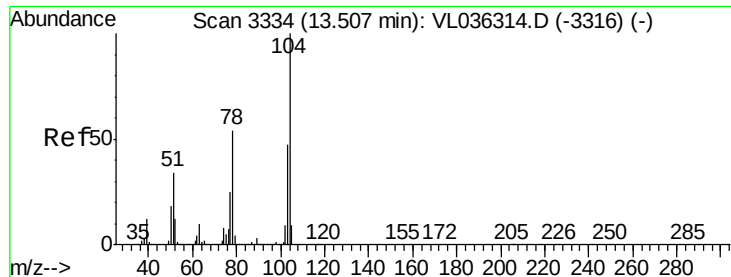
Tot Ion: 91 Resp: 4306503
Ion Ratio Lower Upper
91 100
106 78.0 34.2 51.2#



#60
o-Xylene
Concen: 7.593 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. 0.01 min
Lab File: VL036426.D
Acq: 2 Mar 2021 12:10

Tgt Ion: 91 Resp: 3703962
Ion Ratio Lower Upper
91 100
106 43.3 22.0 66.0





#61

Stvrene

Concen: 8.555 ppbv

RT: 13.52 min Scan# 3337

Delta R.T. 0.01 min

Lab File: VL036426.D

Acq: 2 Mar 2021 12:10

Instrument :

MSVOA_L

ClientSampleId :

VL0302ABS01

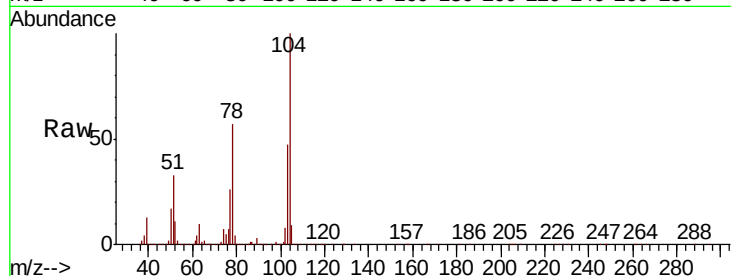
Tot Ion:104 Resp: 2586235

Ion Ratio Lower Upper

104 100

78 56.2 46.2 69.2

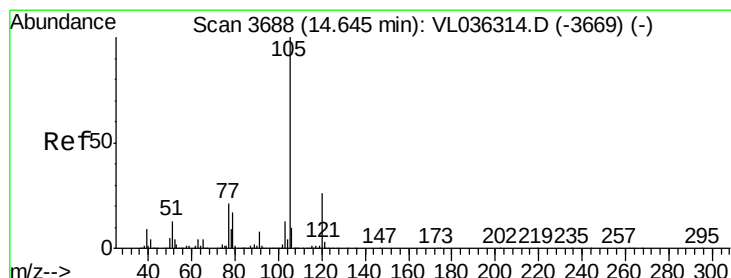
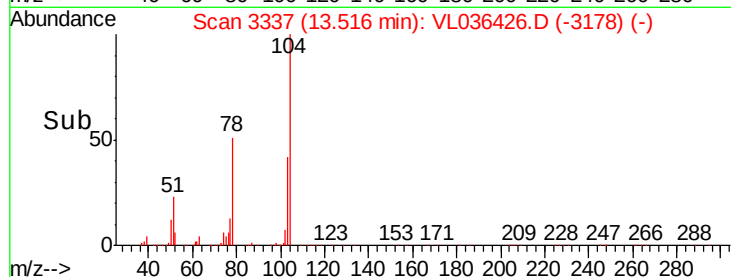
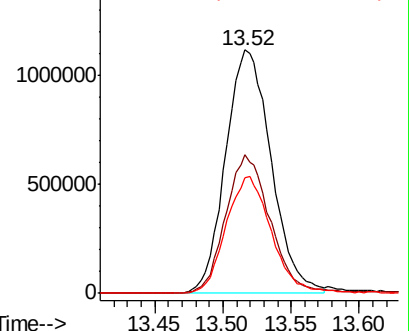
103 48.2 38.3 57.5



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: 7.476 ppbv

RT: 14.66 min Scan# 3692

Delta R.T. 0.01 min

Lab File: VL036426.D

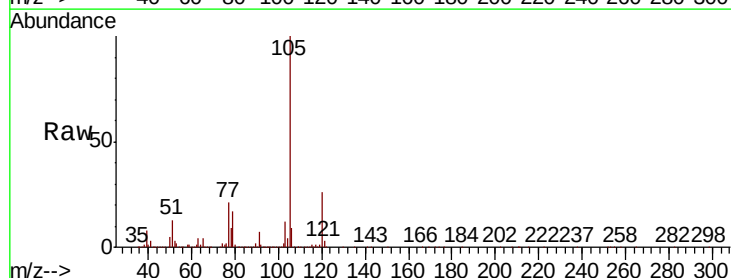
Acq: 2 Mar 2021 12:10

Tgt Ion:105 Resp: 5466007

Ion Ratio Lower Upper

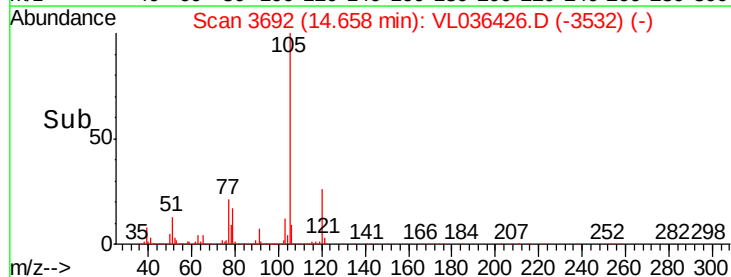
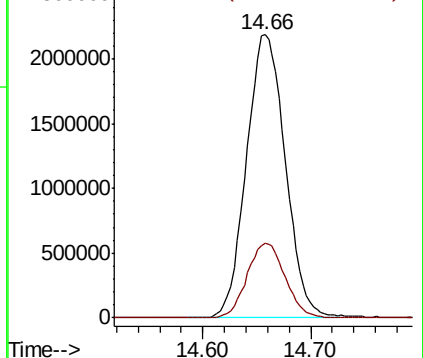
105 100

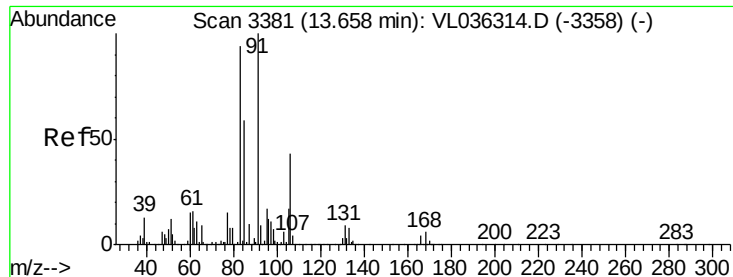
120 26.0 20.6 30.8



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#63

1,1,2,2-Tetrachloroethane

Concen: 6.886 ppbv

RT: 13.67 min Scan# 3385

Delta R.T. 0.01 min

Lab File: VL036426.D

Acq: 2 Mar 2021 12:10

Instrument :

MSVOA_L

ClientSampleId :

VL0302ABS01

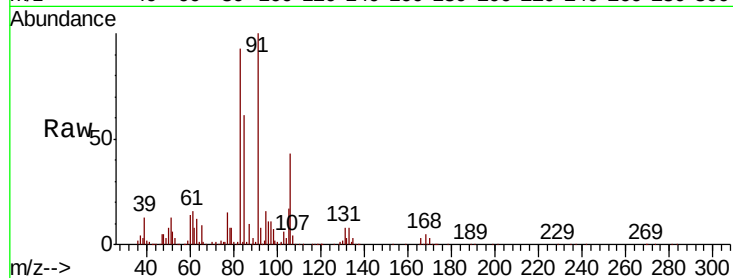
Tot Ion: 83 Resp: 2650429

Ion Ratio Lower Upper

83 100

131 9.0 4.7 14.0

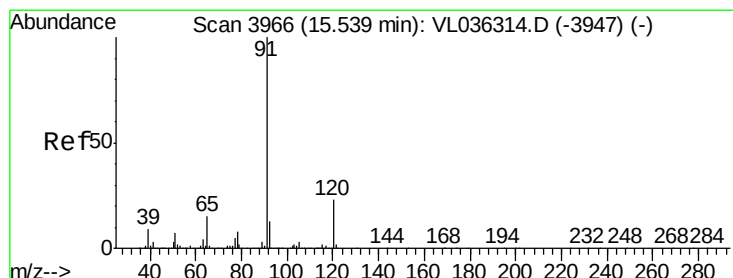
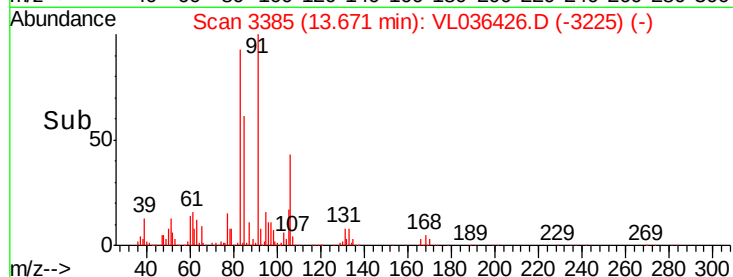
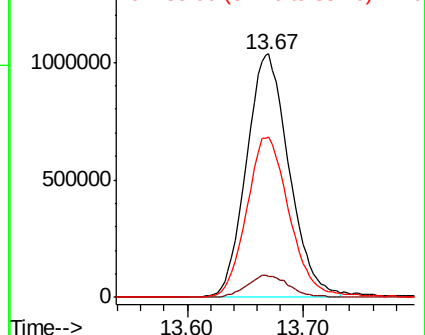
85 66.4 33.0 98.9



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: 7.950 ppbv

RT: 15.55 min Scan# 3970

Delta R.T. 0.01 min

Lab File: VL036426.D

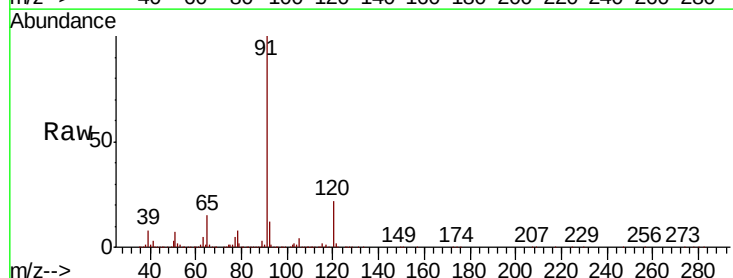
Acq: 2 Mar 2021 12:10

Tgt Ion: 120 Resp: 1430539

Ion Ratio Lower Upper

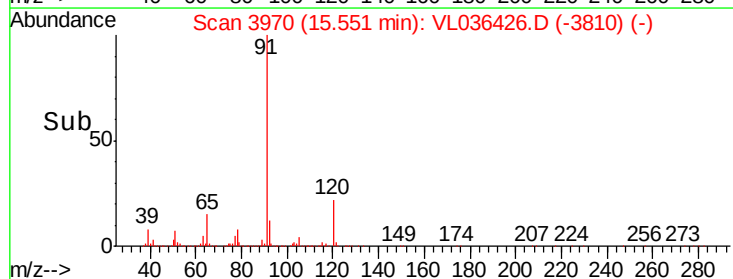
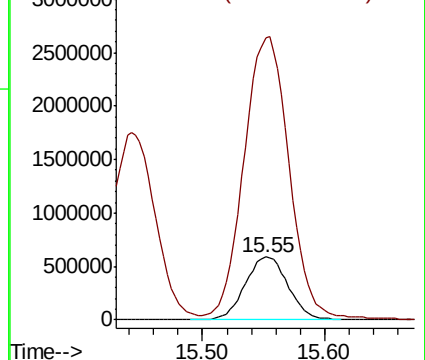
120 100

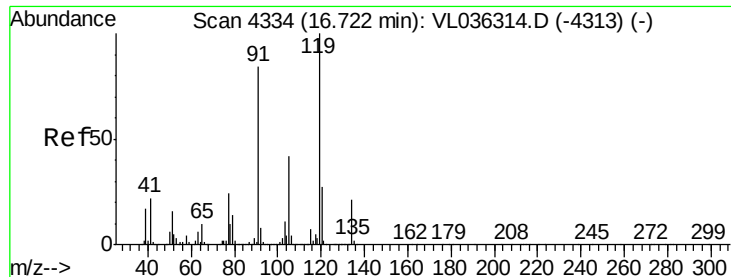
91 475.8 387.2 580.8



Abundance Ion 120.20 (119.90 to 120.90): VL0

Ion 91.10 (90.80 to 91.80): VL0

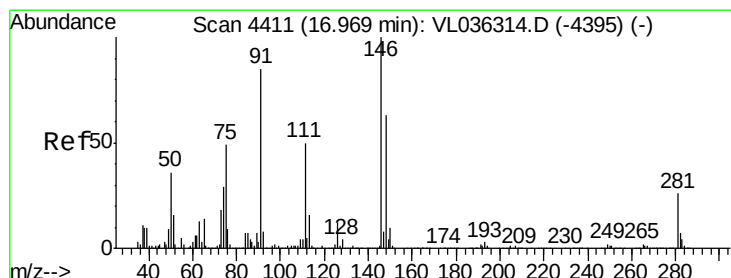
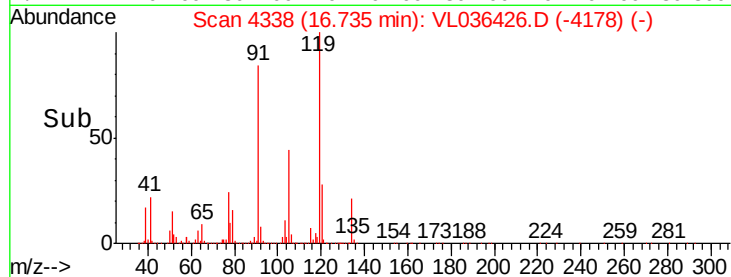
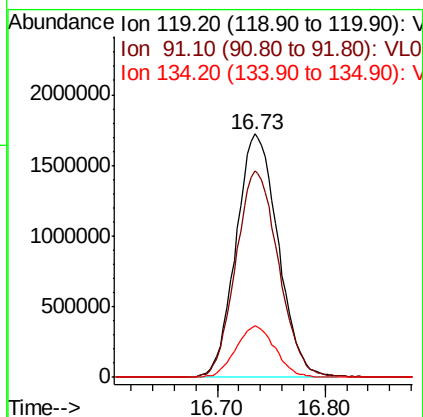
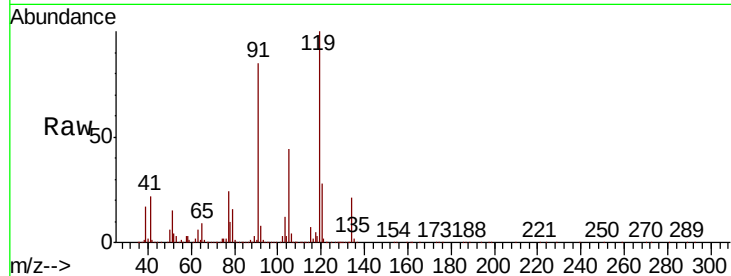




#65
tert-Butylbenzene
Concen: 7.436 ppbv
RT: 16.73 min Scan# 4338
Delta R.T. 0.01 min
Lab File: VL036426.D
Acq: 2 Mar 2021 12:10

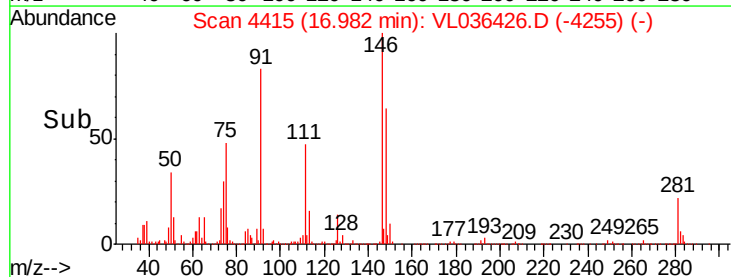
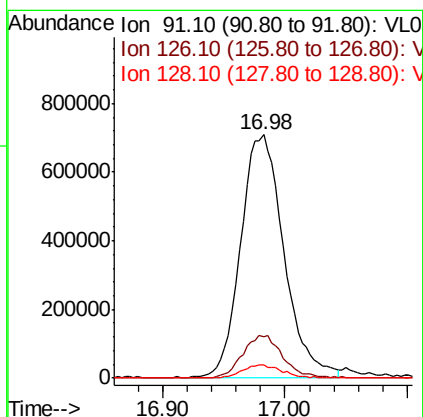
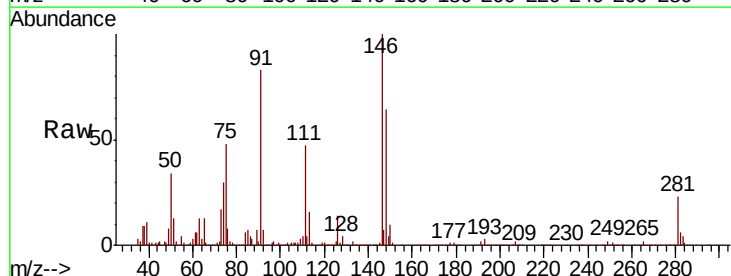
Instrument :
MSVOA_L
ClientSampleId :
VL0302ABS01

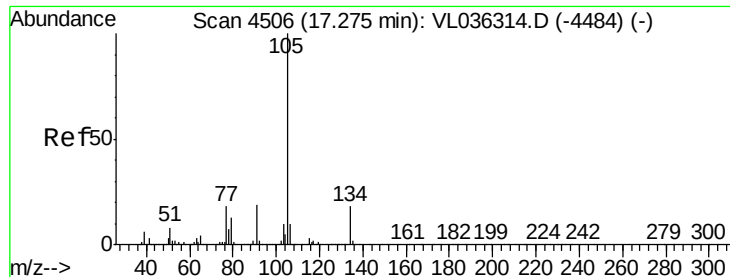
Tot Ion:119 Resp: 4652024
Ion Ratio Lower Upper
119 100
91 86.7 70.5 105.7
134 20.0 15.8 23.8



#66
Benzyl Chloride
Concen: 10.154 ppbv
RT: 16.98 min Scan# 4415
Delta R.T. 0.01 min
Lab File: VL036426.D
Acq: 2 Mar 2021 12:10

Tgt Ion: 91 Resp: 1726945
Ion Ratio Lower Upper
91 100
126 16.7 12.9 19.3
128 5.2 4.2 6.2





#67

sec-Butylbenzene

Concen: 7.375 ppbv

RT: 17.28 min Scan# 4509

Delta R.T. 0.01 min

Lab File: VL036426.D

Acq: 2 Mar 2021 12:10

Instrument :

MSVOA_L

ClientSampleId :

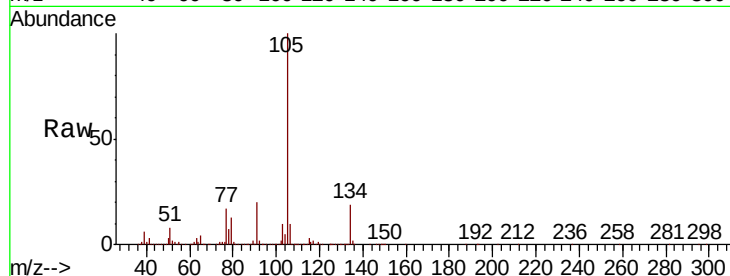
VL0302ABS01

Tot Ion:105 Resp: 6653857

Ion Ratio Lower Upper

105 100

134 18.3 14.2 21.4



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V

3000000

2500000

2000000

1500000

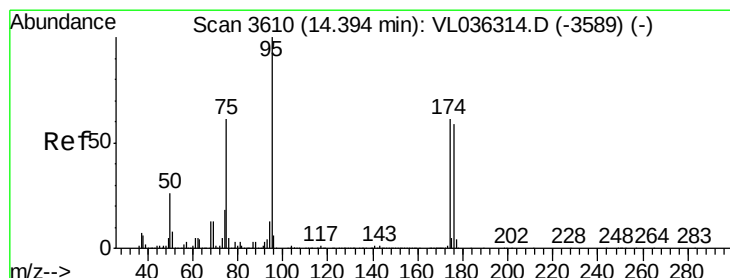
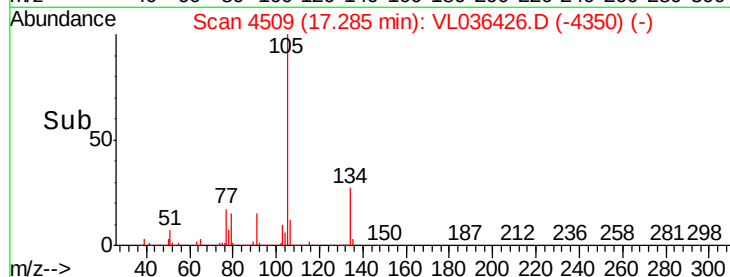
1000000

500000

0

17.20 17.30 17.40

Time-->



#68

1-Bromo-4-Fluorobenzene

Concen: 7.979 ppbv

RT: 14.41 min Scan# 3614

Delta R.T. 0.01 min

Lab File: VL036426.D

Acq: 2 Mar 2021 12:10

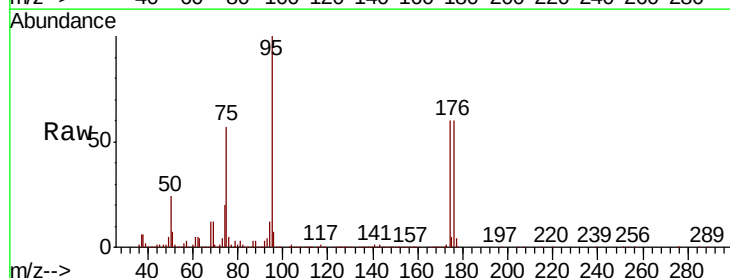
Tgt Ion: 95 Resp: 2784514

Ion Ratio Lower Upper

95 100

174 62.9 49.8 74.6

175 4.6 3.7 5.5



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

1500000

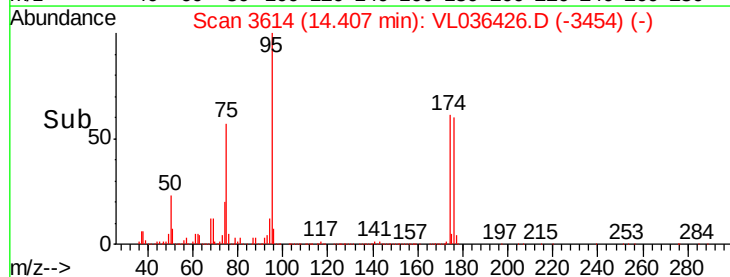
1000000

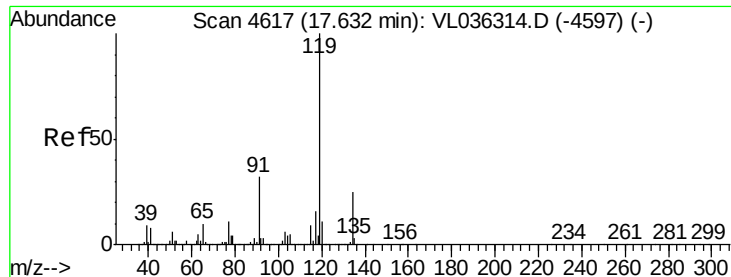
500000

0

14.30 14.40 14.50

Time-->

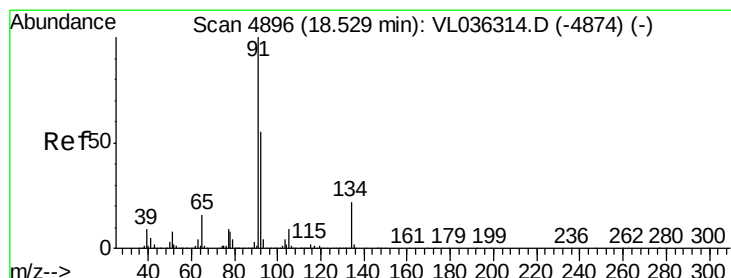
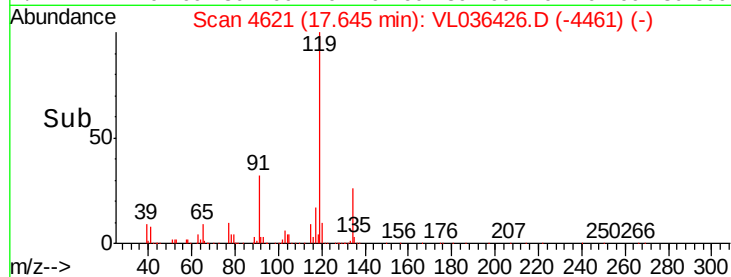
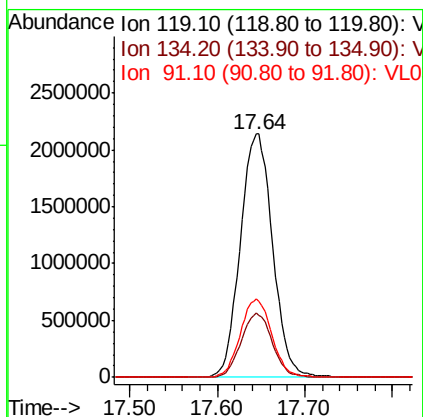
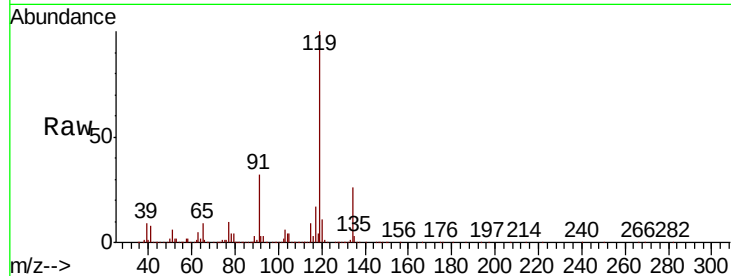




#69
 p-Isopropyltoluene
 Concen: 7.858 ppbv
 RT: 17.64 min Scan# 4621
 Delta R.T. 0.01 min
 Lab File: VL036426.D
 Acq: 2 Mar 2021 12:10

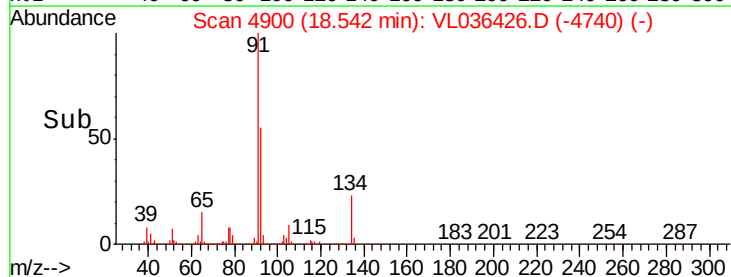
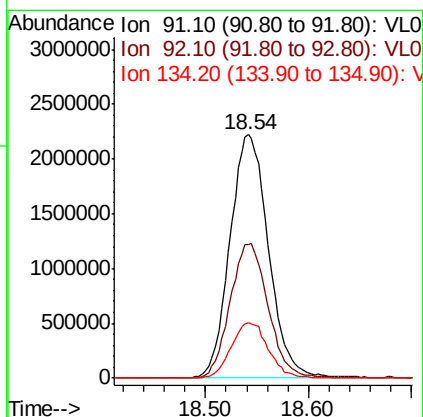
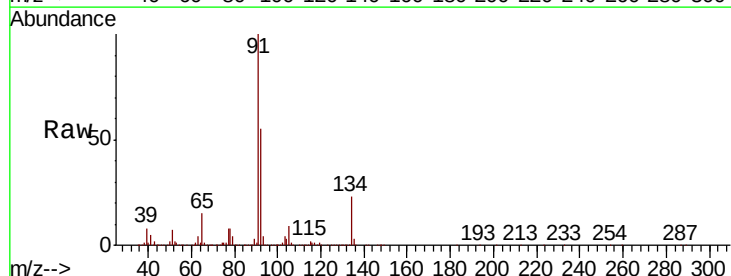
Instrument :
 MSVOA_L
 ClientSampleID :
 VL0302ABS01

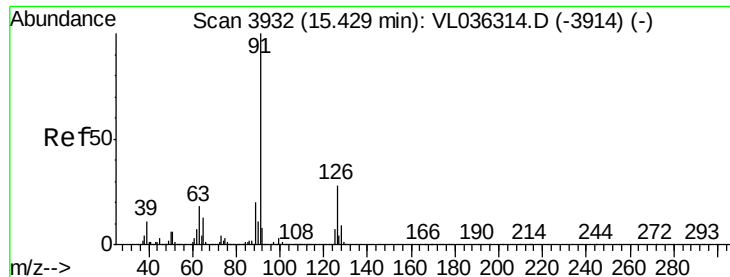
Tot Ion:119 Resp: 5478548
 Ion Ratio Lower Upper
 119 100
 134 25.5 20.1 30.1
 91 31.4 25.8 38.6



#70
 n-Butylbenzene
 Concen: 7.698 ppbv
 RT: 18.54 min Scan# 4900
 Delta R.T. 0.01 min
 Lab File: VL036426.D
 Acq: 2 Mar 2021 12:10

Tgt Ion: 91 Resp: 5755830
 Ion Ratio Lower Upper
 91 100
 92 54.7 43.7 65.5
 134 22.3 17.4 26.0

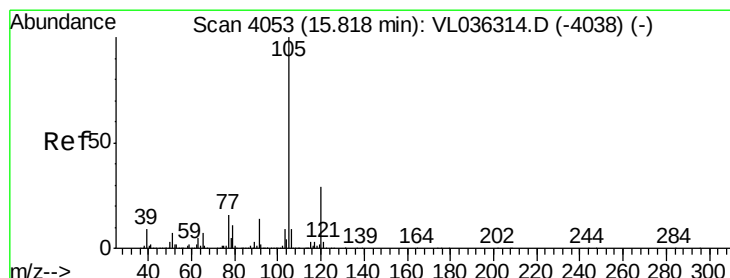
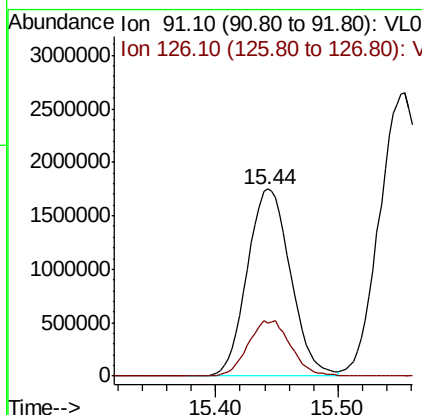
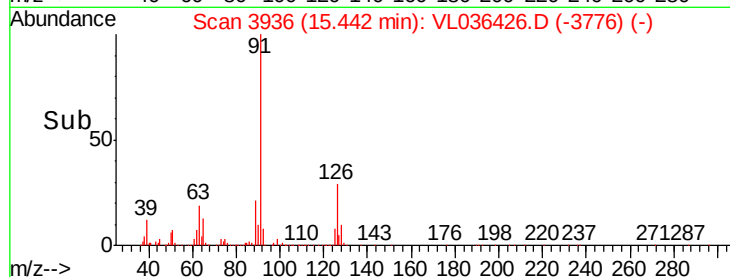
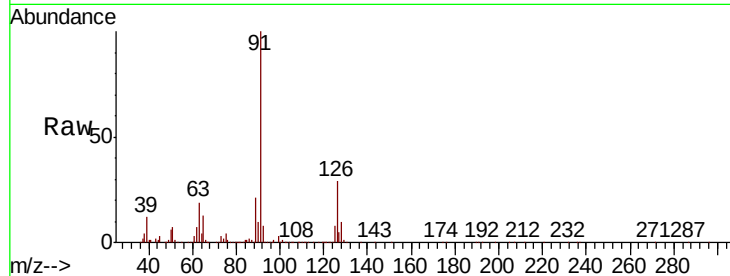




#71
2-Chlorotoluene
Concen: 7.668 ppbv
RT: 15.44 min Scan# 3936
Delta R.T. 0.01 min
Lab File: VL036426.D
Acq: 2 Mar 2021 12:10

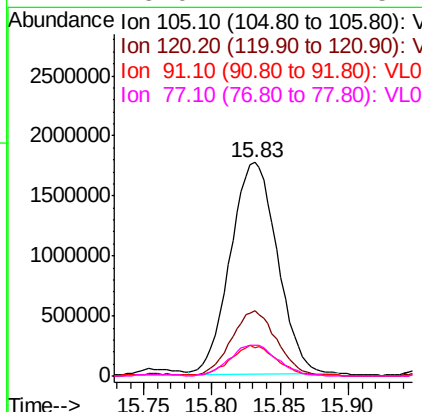
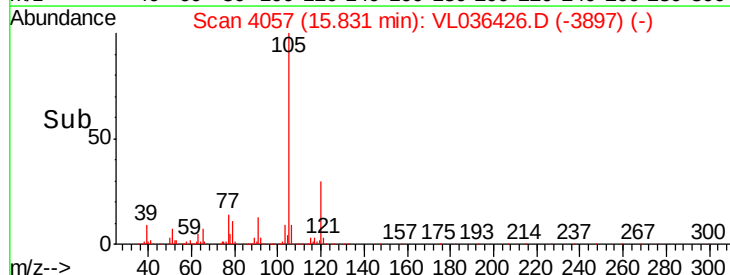
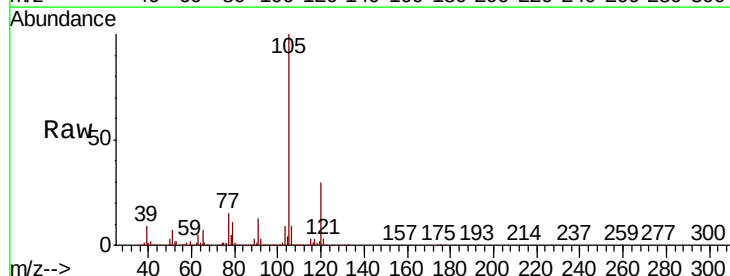
Instrument :
MSVOA_L
ClientSampleId :
VL0302ABS01

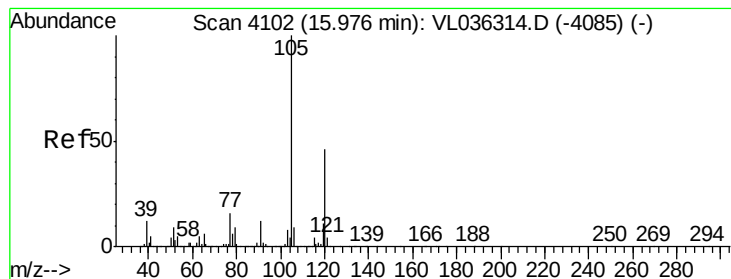
Tot Ion: 91 Resp: 4298165
Ion Ratio Lower Upper
91 100
126 29.7 11.5 46.1



#72
4-Ethyltoluene
Concen: 7.822 ppbv
RT: 15.83 min Scan# 4057
Delta R.T. 0.01 min
Lab File: VL036426.D
Acq: 2 Mar 2021 12:10

Tgt Ion: 105 Resp: 4246124
Ion Ratio Lower Upper
105 100
120 29.9 23.2 34.8
91 14.0 11.0 16.4
77 15.0 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 7.642 ppbv

RT: 15.99 min Scan# 4106

Delta R.T. 0.01 min

Lab File: VL036426.D

Acq: 2 Mar 2021 12:10

Instrument :

MSVOA_L

ClientSampleId :

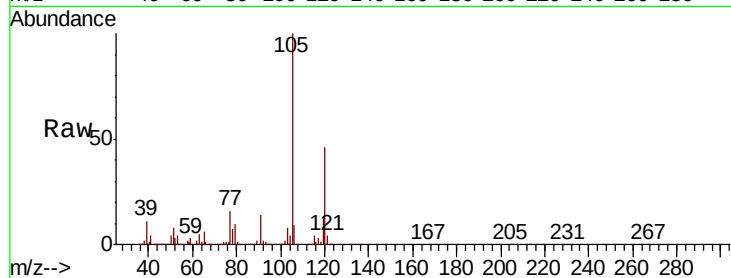
VL0302ABS01

Tot Ion:105 Resp: 4021159

Ion Ratio Lower Upper

105 100

120 45.7 36.9 55.3



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

15.99

1500000

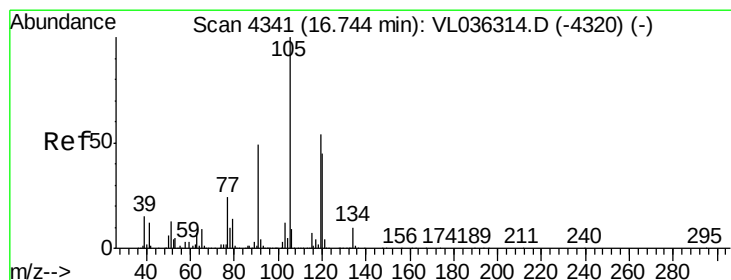
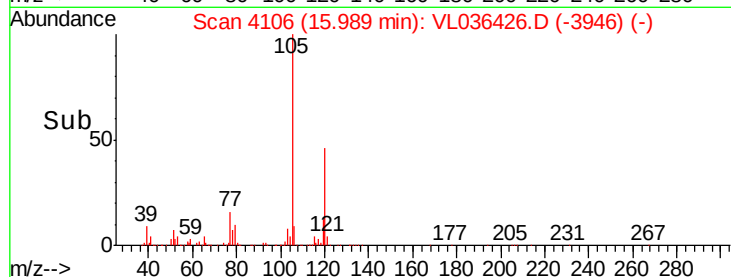
1000000

500000

0

Time-->

15.90 16.00 16.10



#74

1,2,4-Trimethylbenzene

Concen: 7.561 ppbv

RT: 16.75 min Scan# 4344

Delta R.T. 0.01 min

Lab File: VL036426.D

Acq: 2 Mar 2021 12:10

Tgt Ion:105 Resp: 4061980

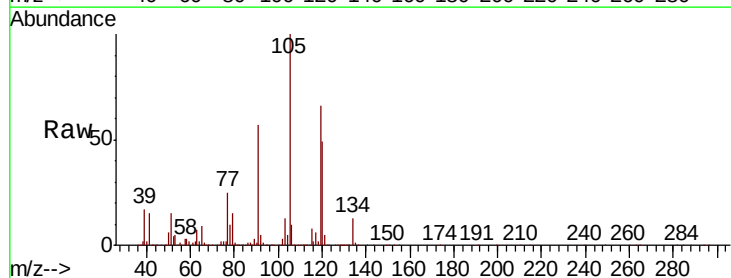
Ion Ratio Lower Upper

105 100

120 48.9 35.8 53.6

91 56.5 39.8 59.6

77 24.3 19.1 28.7



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

2500000

2000000

1500000

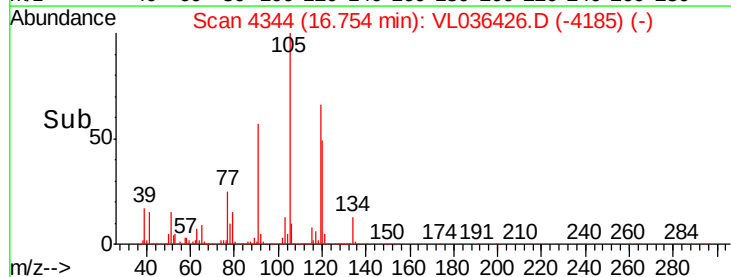
1000000

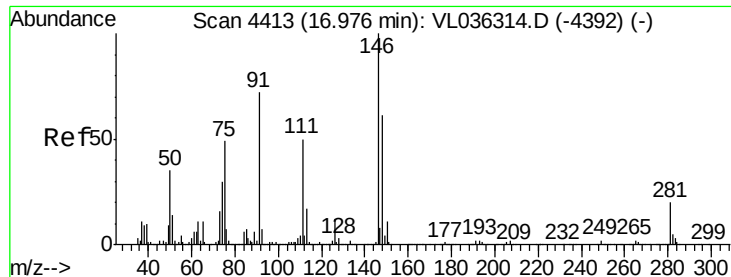
500000

0

Time-->

16.70 16.80

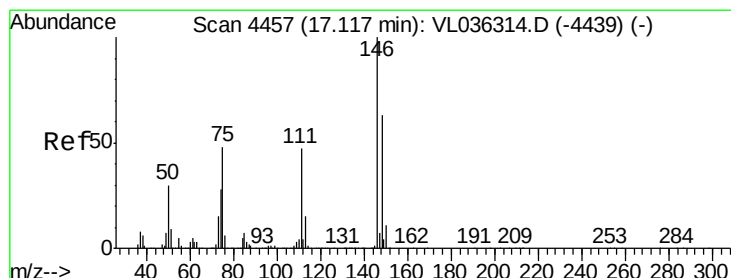
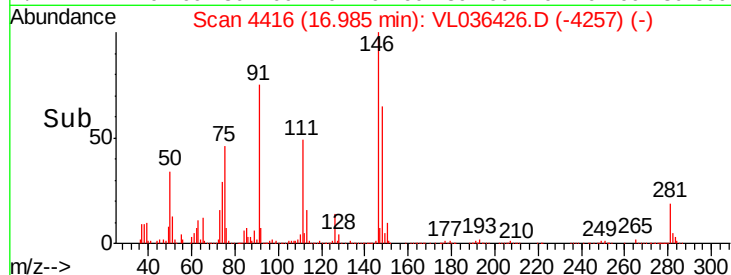
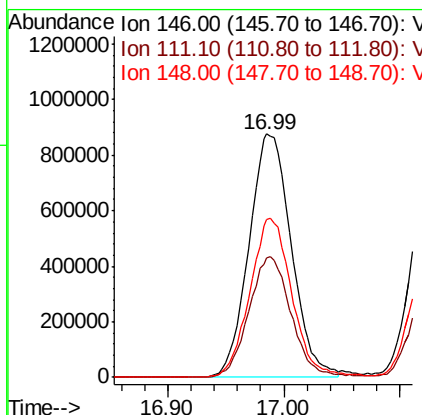
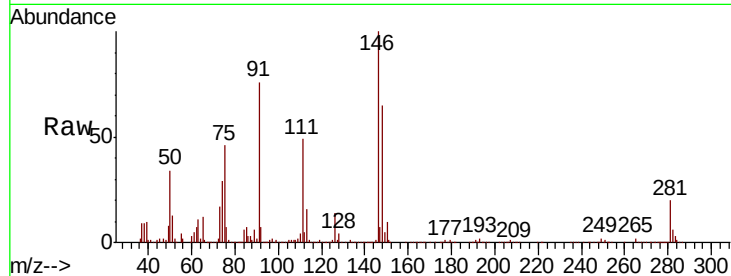




#75
 1,3-Dichlorobenzene
 Concen: 7.629 ppbv
 RT: 16.99 min Scan# 4416
 Delta R.T. 0.01 min
 Lab File: VL036426.D
 Acq: 2 Mar 2021 12:10

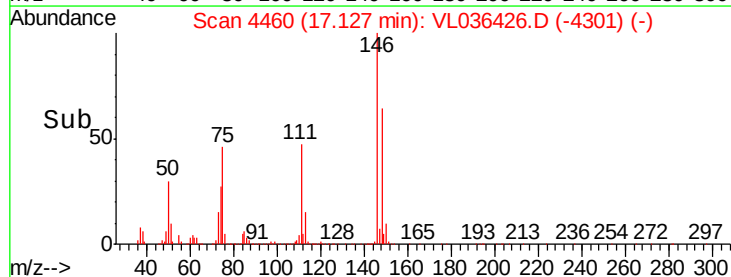
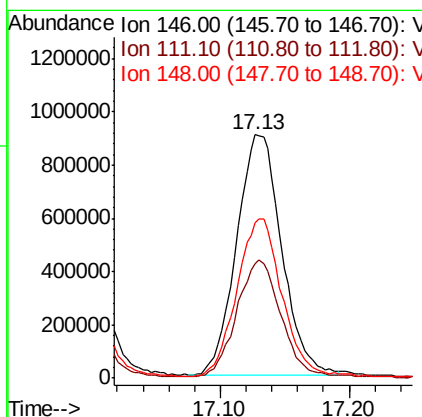
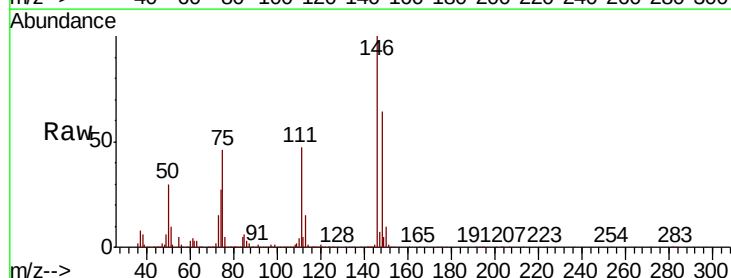
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0302ABS01

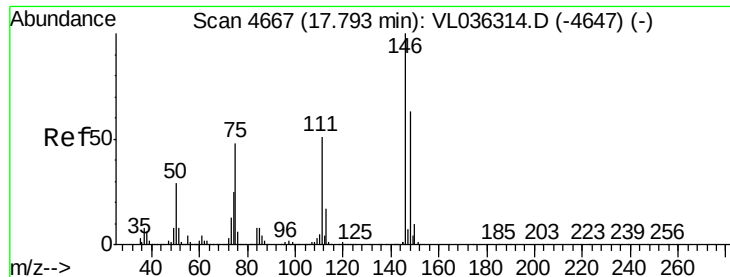
Tot Ion:146 Resp: 2224542
 Ion Ratio Lower Upper
 146 100
 111 49.6 24.9 74.6
 148 64.9 31.9 95.9



#76
 1,4-Dichlorobenzene
 Concen: 7.228 ppbv
 RT: 17.13 min Scan# 4460
 Delta R.T. 0.01 min
 Lab File: VL036426.D
 Acq: 2 Mar 2021 12:10

Tgt Ion:146 Resp: 2188638
 Ion Ratio Lower Upper
 146 100
 111 49.5 23.6 71.0
 148 67.8 31.6 95.0

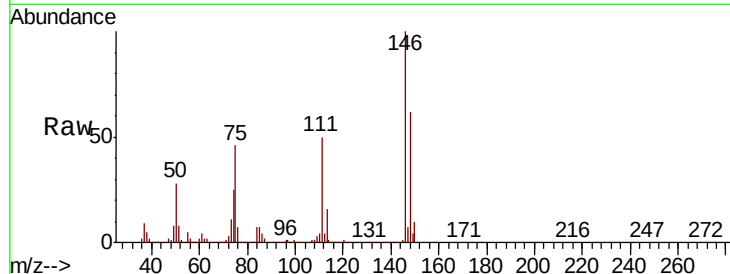




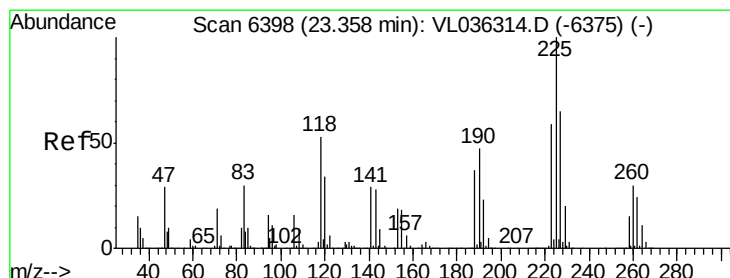
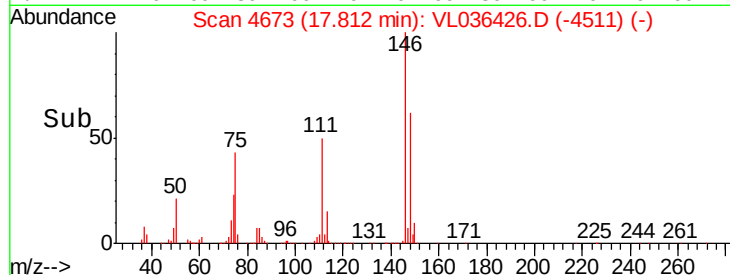
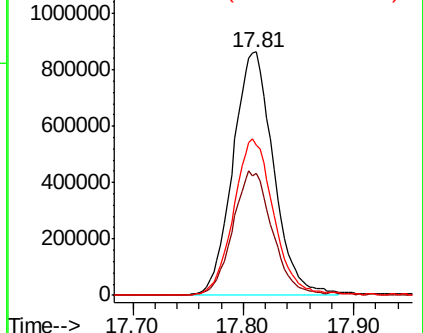
#77
 1,2-Dichlorobenzene
 Concen: 7.557 ppbv
 RT: 17.81 min Scan# 4673
 Delta R.T. 0.02 min
 Lab File: VL036426.D
 Acq: 2 Mar 2021 12:10

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0302ABS01

Tot Ion:146 Resp: 2186016
 Ion Ratio Lower Upper
 146 100
 111 50.5 25.9 77.8
 148 63.8 32.5 97.4

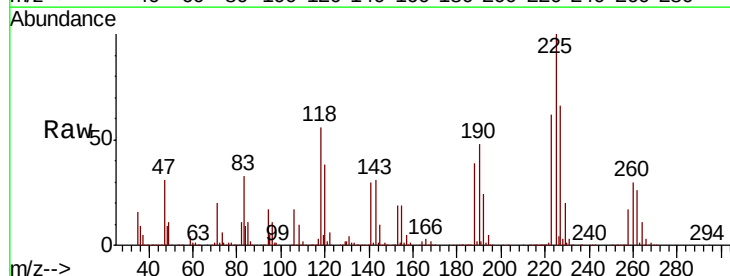


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

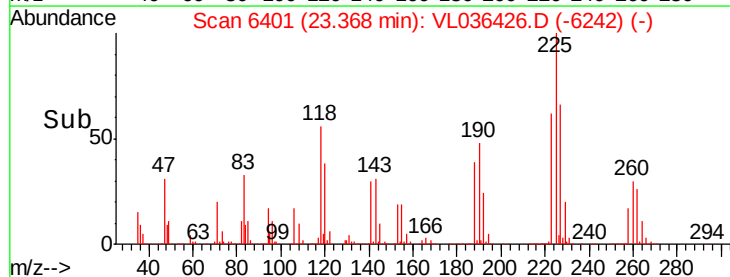
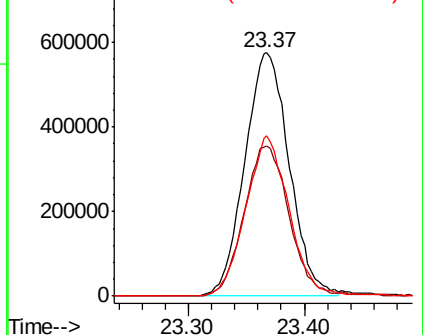


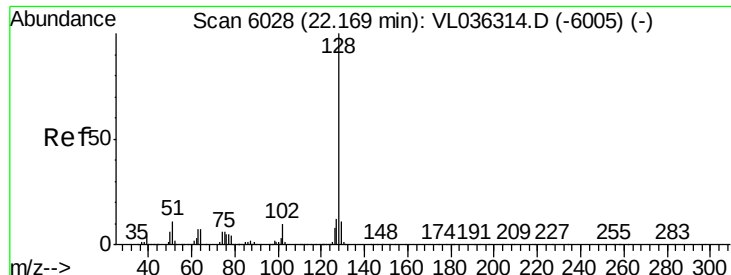
#78
 Hexachloro-1,3-Butadiene
 Concen: 6.484 ppbv
 RT: 23.37 min Scan# 6401
 Delta R.T. 0.01 min
 Lab File: VL036426.D
 Acq: 2 Mar 2021 12:10

Tgt Ion:225 Resp: 1532350
 Ion Ratio Lower Upper
 225 100
 223 63.1 50.8 76.2
 227 64.0 52.2 78.2



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: 4.210 ppbv

RT: 22.19 min Scan# 6035

Delta R.T. 0.02 min

Lab File: VL036426.D

Acq: 2 Mar 2021 12:10

Instrument :

MSVOA_L

ClientSampleId :

VL0302ABS01

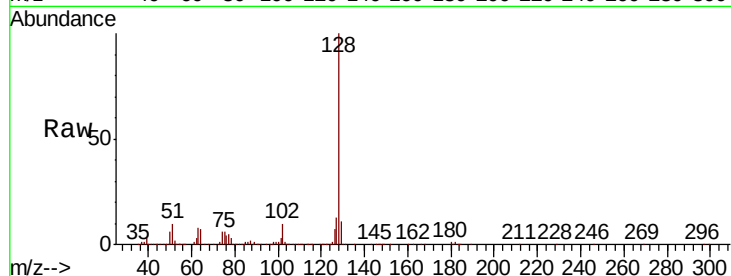
Tot Ion:128 Resp: 1340761

Ion Ratio Lower Upper

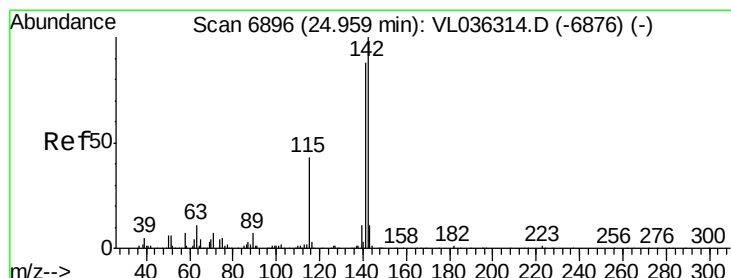
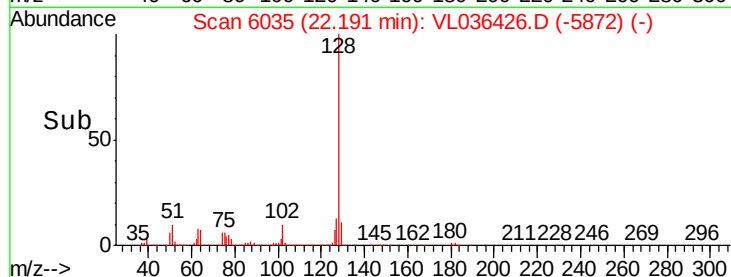
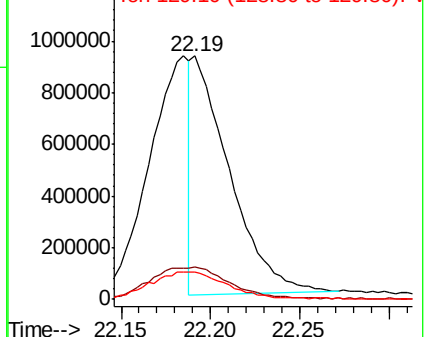
128 100

127 12.8 9.6 14.4

129 10.9 8.5 12.7



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



#80

Naphthalene, 2-methyl-

Concen: 12.098 ppbv

RT: 24.97 min Scan# 6899

Delta R.T. 0.01 min

Lab File: VL036426.D

Acq: 2 Mar 2021 12:10

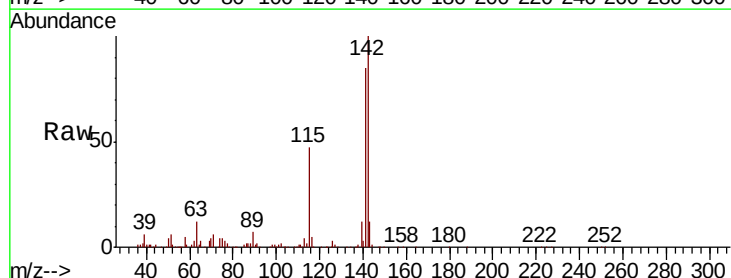
Tgt Ion:142 Resp: 713353

Ion Ratio Lower Upper

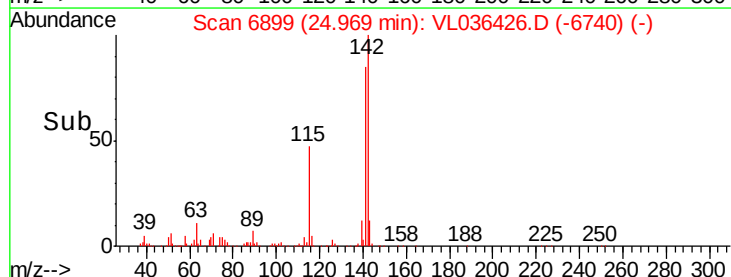
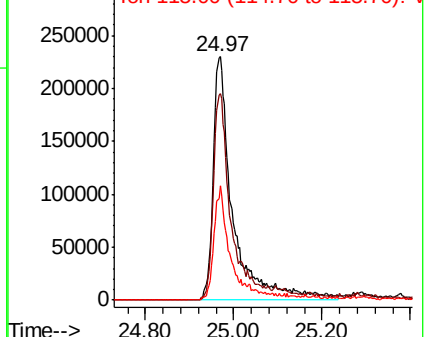
142 100

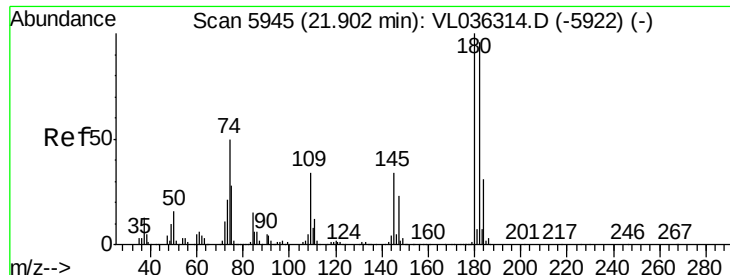
141 84.1 64.4 96.6

115 39.9 34.6 51.8



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: 8.022 ppbv

RT: 21.92 min Scan# 5950

Delta R.T. 0.02 min

Lab File: VL036426.D

Acq: 2 Mar 2021 12:10

Instrument :

MSVOA_L

ClientSampleId :

VL0302ABS01

Tot Ion:180 Resp: 1558664

Ion Ratio Lower Upper

180 100

182 100.5 80.2 120.4

184 31.2 25.0 37.6

