

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042821\
 Data File : VL036876.D
 Acq On : 28 Apr 2021 12:05
 Operator : SY/AP
 Sample : VL0428ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 29 03:08:18 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Apr 27 16:56:35 2021
 QLast Update : Tue Apr 27 16:56:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1560515	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	3971047	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.10	117	4576464	10.00	ppbv	0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	3107802	8.46	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	84.60%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.06	85	2266215	9.221	ppbv 100
3) Chlorodifluoromethane	3.00	51	2687993	9.456	ppbv 100
4) Chloromethane	3.15	50	918112	9.827	ppbv 96
5) Vinyl Chloride	3.27	62	914292	9.702	ppbv 98
6) Bromomethane	3.48	94	520057	10.262	ppbv 98
7) Chloroethane	3.56	64	310856	10.038	ppbv # 86
8) Dichlorotetrafluoroethane	3.20	85	2201447	9.821	ppbv 98
9) Propene	3.02	41	818353	9.448	ppbv 98
10) Heptane	8.14	43	2207077	10.132	ppbv 97
11) Trichlorofluoromethane	3.96	101	2154412	9.821	ppbv 100
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1418327	9.660	ppbv 100
13) Ethanol	3.62	45	40595	3.675	ppbv # 35
14) Bromoethene	3.75	108	601253	10.023	ppbv 100
15) Acetone	3.86	43	1170922	7.961	ppbv 100
16) 1,3-Butadiene	3.33	39	924557	9.830	ppbv 99
17) tert-Butyl alcohol	4.30	59	1246535	10.441	ppbv 100
18) 1,1-Dichloroethene	4.30	96	630520	9.881	ppbv 97
19) Isopropyl Alcohol	3.98	45	674418	9.254	ppbv 99
20) Methylene Chloride	4.35	84	260532	3.704	ppbv 96
21) Allyl Chloride	4.42	41	1050023	9.607	ppbv 99
22) trans-1,2-Dichloroethene	4.90	96	607804	9.492	ppbv 99
23) Vinyl Acetate	5.09	43	2350618	11.749	ppbv 98
24) 1,1-Dichloroethane	5.02	63	1575408	11.092	ppbv 99
25) Ethyl Acetate	5.69	43	3393321	9.445	ppbv 99
26) Hexane	5.70	57	1588008	9.447	ppbv 95
27) Carbon Disulfide	4.56	76	1522641	10.429	ppbv 99
28) Methyl tert-Butyl Ether	5.05	73	1774842	11.912	ppbv 100
29) Chloroform	5.76	83	2580263	9.846	ppbv 98
30) Cyclohexane	7.14	84	1367678	10.260	ppbv 96
31) cis-1,2-Dichloroethene	5.56	61	1532723	10.158	ppbv 99
32) 1,1,1-Trichloroethane	6.53	97	2599292	9.754	ppbv 100
34) 2-Butanone	5.26	43	1612976	9.273	ppbv 97
35) Carbon Tetrachloride	7.03	117	2756688	10.231	ppbv 97
36) Benzene	6.91	78	3340131	9.983	ppbv 98
37) 1,2-Dichloroethane	6.32	62	1942517	10.253	ppbv 99
38) Trichloroethene	7.85	130	1236165	10.377	ppbv 97
39) 1,2-Dichloropropane	7.63	63	1288304	9.611	ppbv 97
40) 1,4-Dioxane	7.85	88	119470	3.691	ppbv # 1
41) Tetrahydrofuran	6.06	42	751674	9.878	ppbv 98
42) Bromodichloromethane	7.81	83	2743508	10.422	ppbv 99
43) Methyl Methacrylate	8.03	69	1214835	11.127	ppbv 96

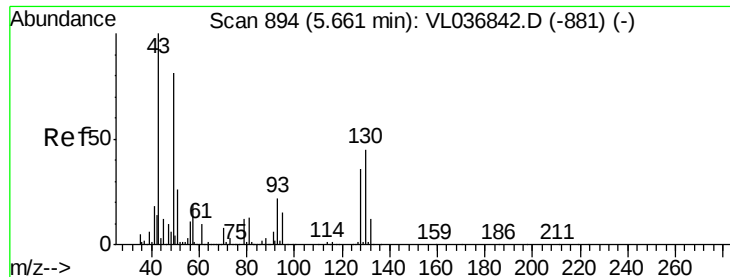
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042821\
 Data File : VL036876.D
 Acq On : 28 Apr 2021 12:05
 Operator : SY/AP
 Sample : VL0428ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 29 03:08:18 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Apr 27 16:56:35 2021
 QLast Update : Tue Apr 27 16:56:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.89	57	5660817	9.872	ppbv	100
45) t-1,3-Dichloropropene	9.29	75	1333269	11.329	ppbv	99
46) cis-1,3-Dichloropropene	8.72	75	1708047	11.319	ppbv	98
47) 1,1,2-Trichloroethane	9.49	97	1388484	10.005	ppbv	99
48) Dibromochloromethane	10.32	129	2229591	10.842	ppbv	99
49) Bromoform	13.06	173	1843304	11.228	ppbv	99
50) 4-Methyl-2-Pentanone	8.76	43	2486196	10.456	ppbv	99
51) 2-Hexanone	10.15	43	1274256	10.745	ppbv #	100
52) Tetrachloroethene	11.24	164	1118399	9.816	ppbv	98
53) Toluene	9.82	91	3743611	10.693	ppbv	100
54) 1,2-Dibromoethane	10.63	107	1940364	9.903	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.14	131	1529893	7.974	ppbv	99
57) Chlorobenzene	12.16	112	2777240	7.791	ppbv	99
58) Ethyl Benzene	12.73	91	5000494	8.615	ppbv	100
59) m/p-Xylene	13.01	91	5138857	9.905	ppbv #	54
60) o-Xylene	13.71	91	4035307	8.044	ppbv	100
61) Styrene	13.55	104	2290623	9.724	ppbv	100
62) Isopropylbenzene	14.69	105	5444006	7.977	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.69	83	3011772	7.490	ppbv	99
64) n-propylbenzene	15.58	120	1447396	8.509	ppbv	100
65) tert-Butylbenzene	16.76	119	4826085	7.998	ppbv	99
66) Benzyl Chloride	17.00	91	494402	8.379	ppbv	99
67) sec-Butylbenzene	17.31	105	6761193	8.069	ppbv	100
69) p-Isopropyltoluene	17.67	119	5551829	8.265	ppbv	100
70) n-Butylbenzene	18.57	91	5704636	8.425	ppbv	100
71) 2-Chlorotoluene	15.47	91	4213923	8.337	ppbv	99
72) 4-Ethyltoluene	15.86	105	4780053	8.878	ppbv	99
73) 1,3,5-Trimethylbenzene	16.01	105	4339553	8.311	ppbv	100
74) 1,2,4-Trimethylbenzene	16.78	105	4517001	8.144	ppbv	99
75) 1,3-Dichlorobenzene	17.02	146	2602824	7.938	ppbv	99
76) 1,4-Dichlorobenzene	17.16	146	2486365	7.749	ppbv	99
77) 1,2-Dichlorobenzene	17.84	146	2509990	7.838	ppbv	99
78) Hexachloro-1,3-Butadiene	23.40	225	1769854	6.504	ppbv	99
79) Naphthalene	22.23	128	1235499	3.977	ppbv	99
80) Naphthalene, 2-methyl-	25.00	142	307136	8.966	ppbv	96
81) 1,2,4-Trichlorobenzene	21.95	180	1580732	7.867	ppbv	98

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. 0.02 min

Lab File: VL036876.D

Acq: 28 Apr 2021 12:05

Instrument :

MSVOA_L

ClientSampled :

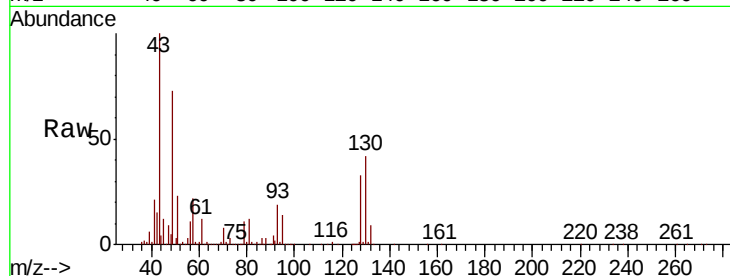
Tot Ion: 49 Resp: 1560515

Ion Ratio Lower Upper

49 100

128 49.2 24.4 73.2

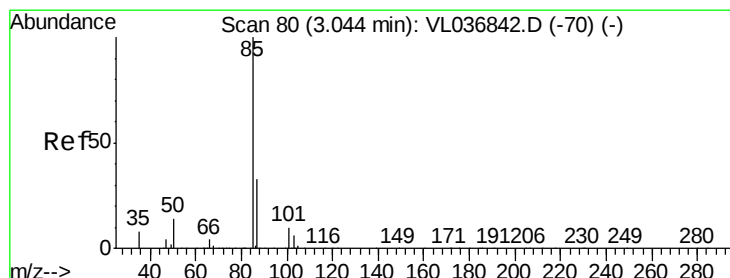
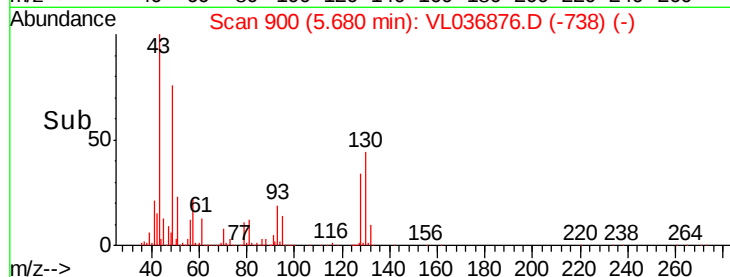
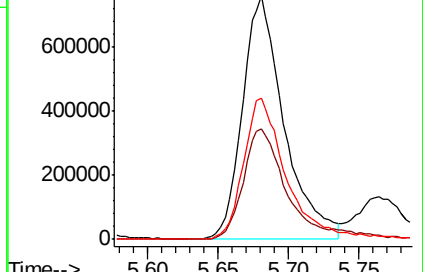
130 61.1 30.3 90.8



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: 9.221 ppbv

RT: 3.06 min Scan# 84

Delta R.T. 0.01 min

Lab File: VL036876.D

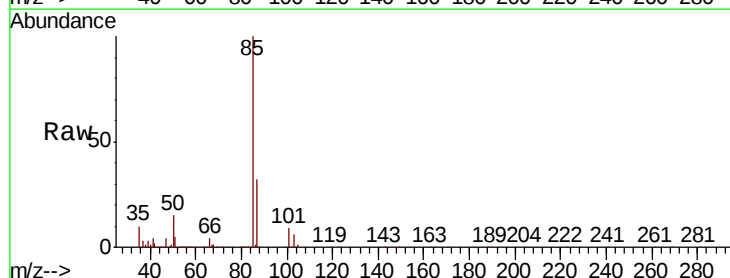
Acq: 28 Apr 2021 12:05

Tgt Ion: 85 Resp: 2266215

Ion Ratio Lower Upper

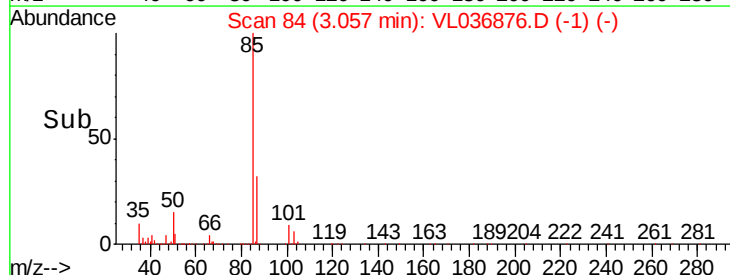
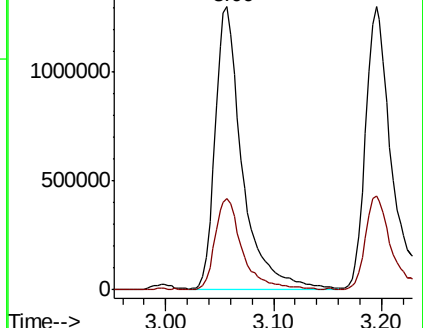
85 100

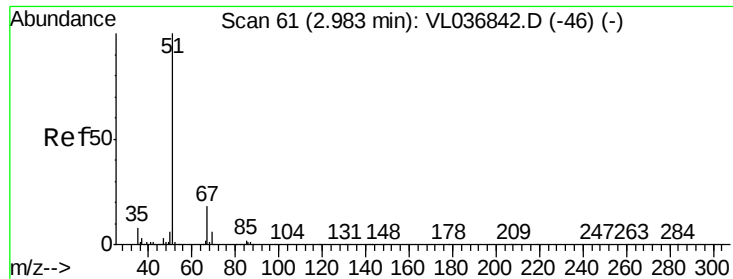
87 32.4 26.2 39.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

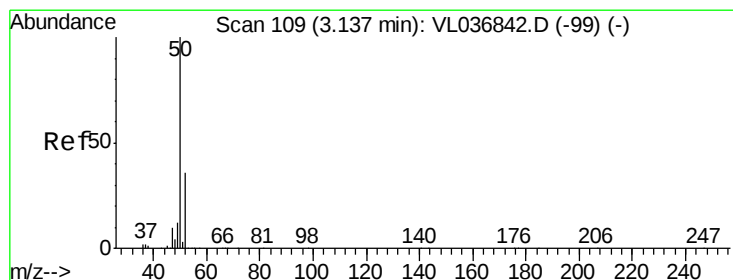
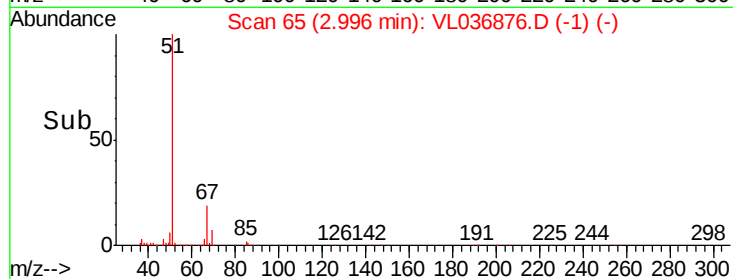
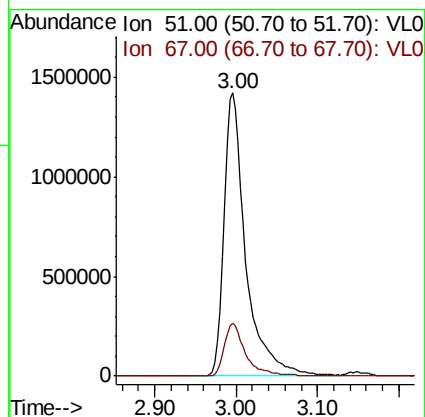
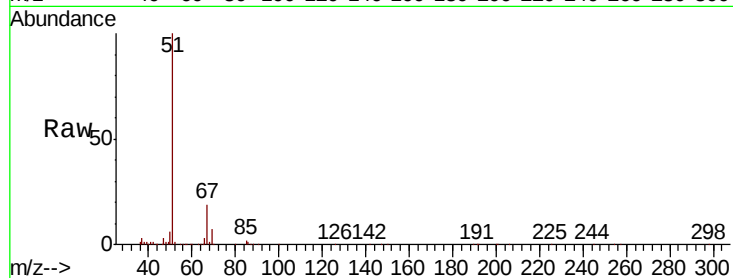




#3
Chlorodifluoromethane
Concen: 9.456 ppbv
RT: 3.00 min Scan# 65
Delta R.T. 0.01 min
Lab File: VL036876.D
Acq: 28 Apr 2021 12:05

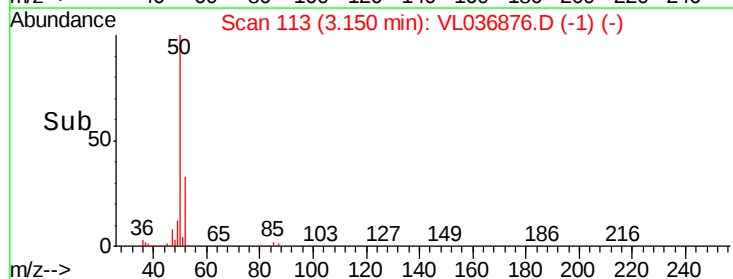
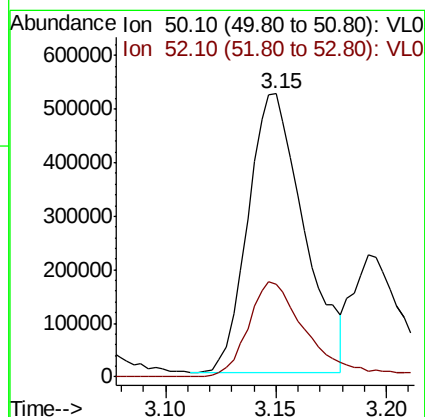
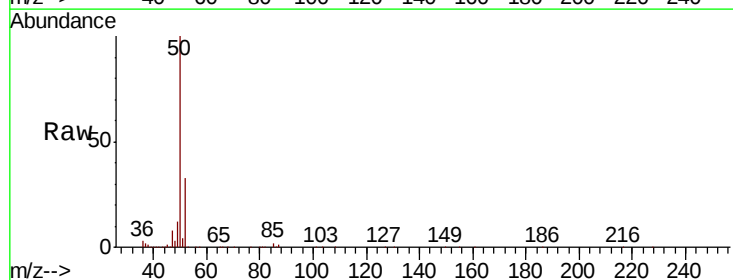
Instrument :
MSVOA_L
ClientSampleId :

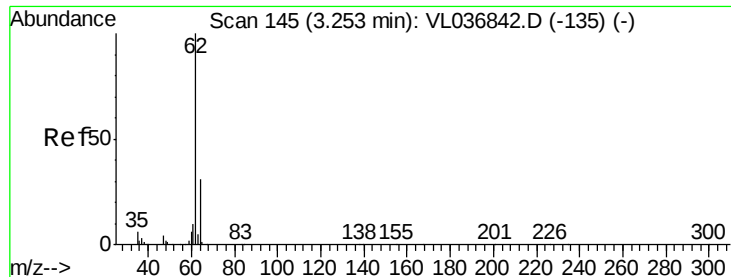
Tot Ion: 51 Resp: 2687993
Ion Ratio Lower Upper
51 100
67 18.5 14.8 22.2



#4
Chloromethane
Concen: 9.827 ppbv
RT: 3.15 min Scan# 113
Delta R.T. 0.01 min
Lab File: VL036876.D
Acq: 28 Apr 2021 12:05

Tgt Ion: 50 Resp: 918112
Ion Ratio Lower Upper
50 100
52 33.4 28.5 42.7





#5

Vinyl Chloride

Concen: 9.702 ppbv

RT: 3.27 min Scan# 149

Delta R.T. 0.01 min

Lab File: VL036876.D

Acq: 28 Apr 2021 12:05

Instrument :

MSVOA_L

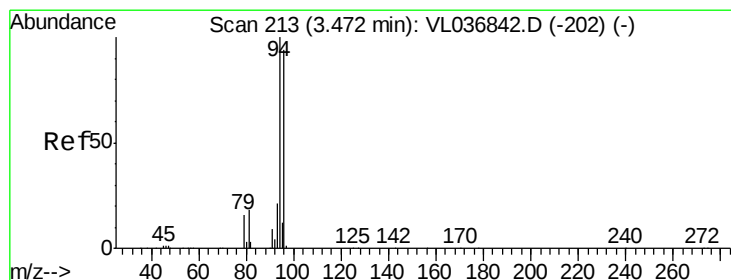
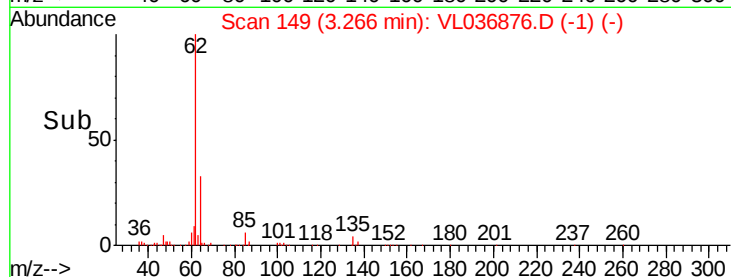
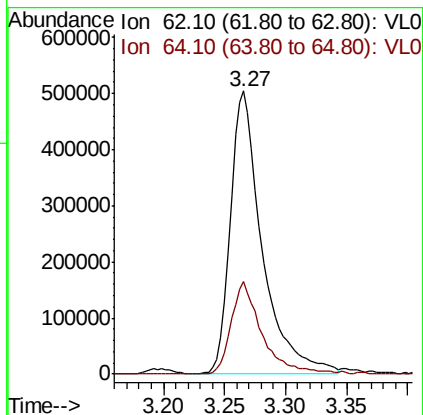
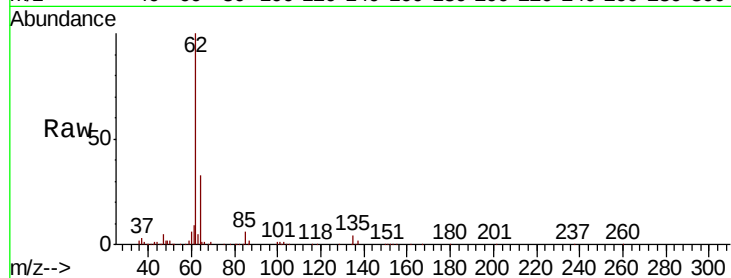
ClientSampled :

Tot Ion: 62 Resp: 914292

Ion Ratio Lower Upper

62 100

64 32.6 25.0 37.4



#6

Bromomethane

Concen: 10.262 ppbv

RT: 3.48 min Scan# 216

Delta R.T. 0.01 min

Lab File: VL036876.D

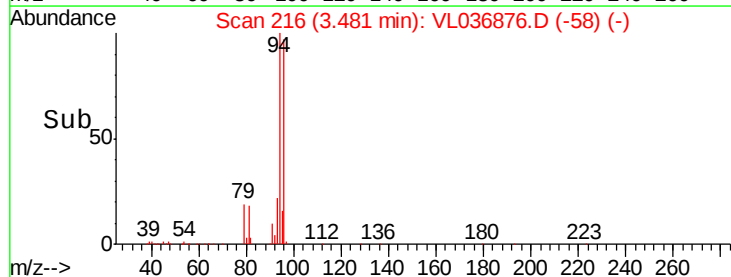
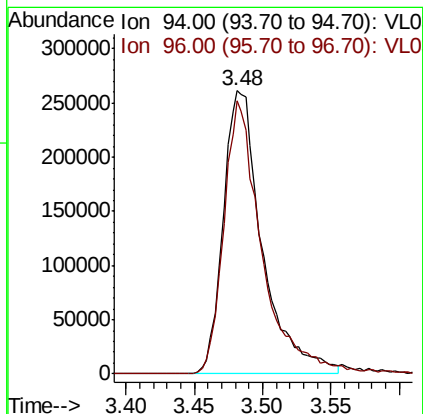
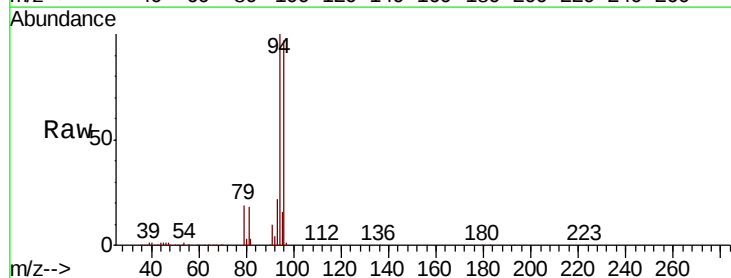
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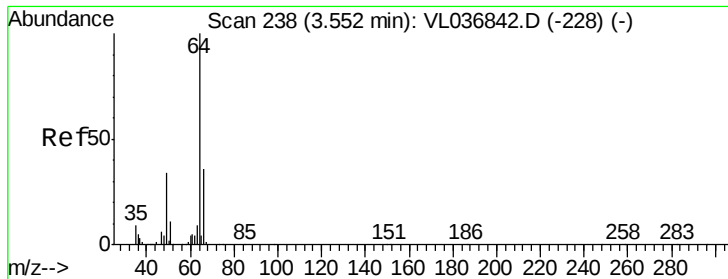
Tgt Ion: 94 Resp: 520057

Ion Ratio Lower Upper

94 100

96 96.4 75.4 113.0





#7

Chloroethane

Concen: 10.038 ppbv

RT: 3.56 min Scan# 242

Delta R.T. 0.01 min

Lab File: VL036876.D

Acq: 28 Apr 2021 12:05

Instrument :

MSVOA_L

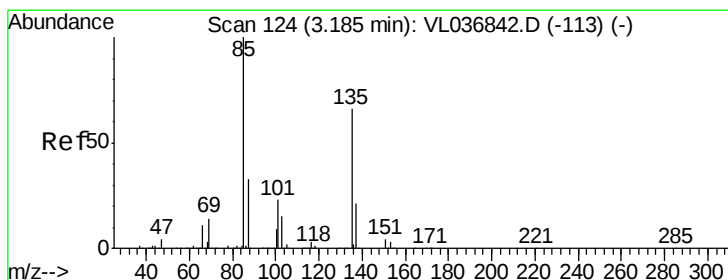
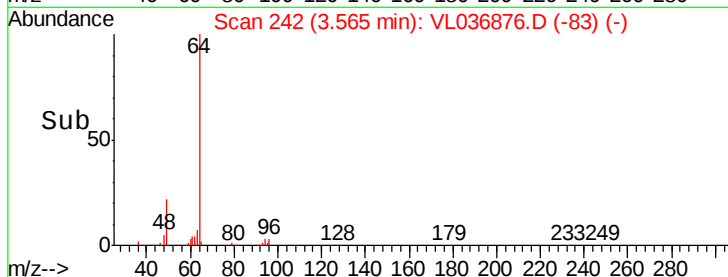
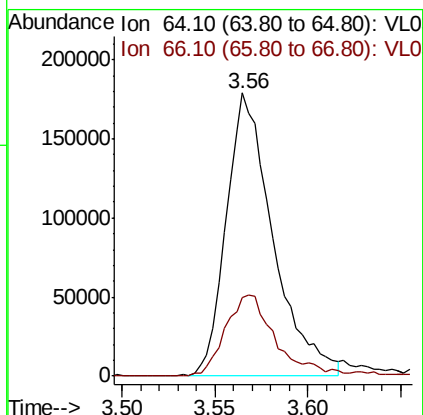
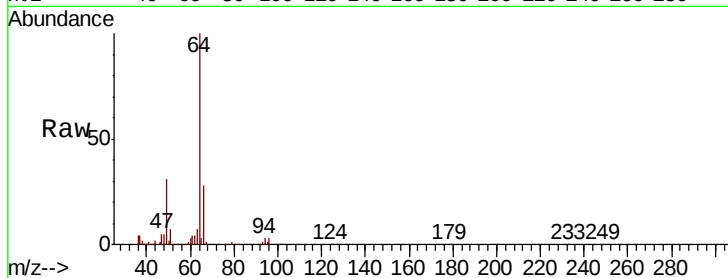
ClientSampleId :

Tot Ion: 64 Resp: 310856

Ion Ratio Lower Upper

64 100

66 27.9 29.0 43.6#



#8

Dichlorotetrafluoroethane

Concen: 9.821 ppbv

RT: 3.20 min Scan# 127

Delta R.T. 0.01 min

Lab File: VL036876.D

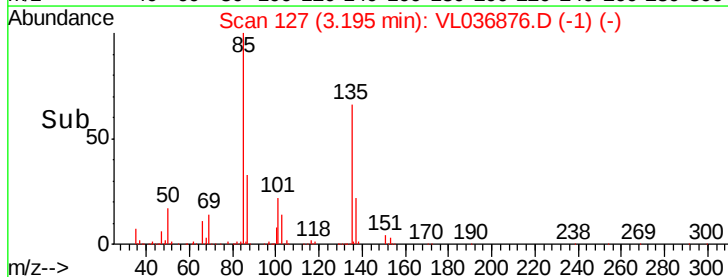
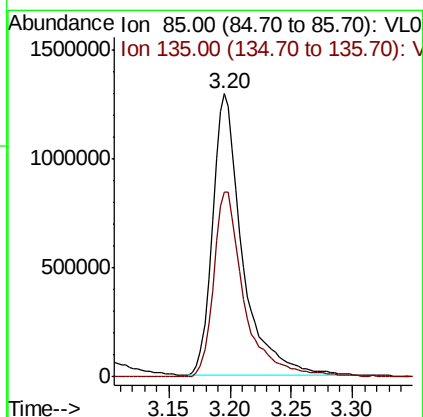
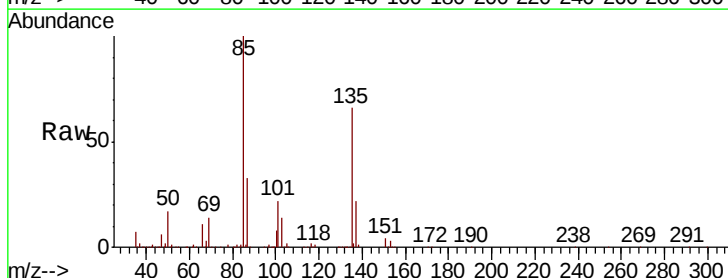
Acq: 28 Apr 2021 12:05

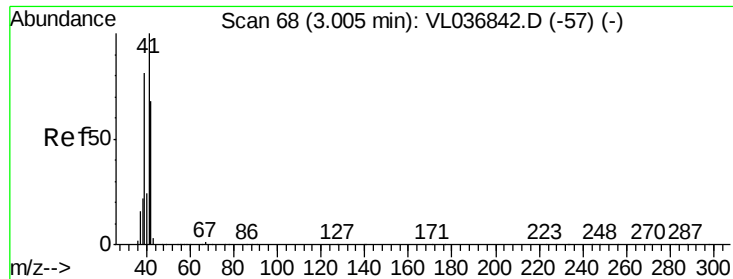
Tgt Ion: 85 Resp: 2201447

Ion Ratio Lower Upper

85 100

135 68.9 56.2 84.4

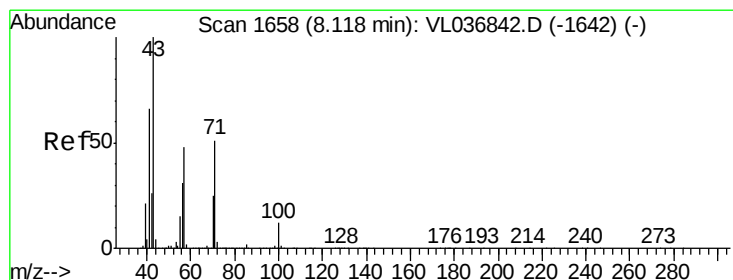
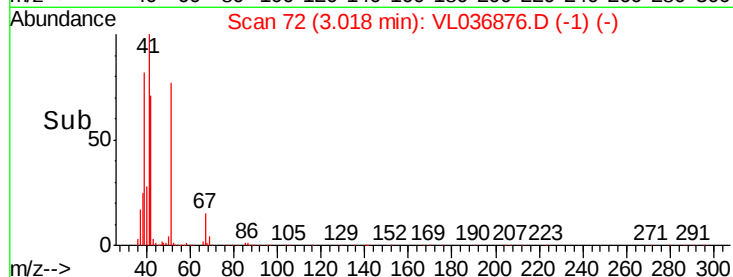
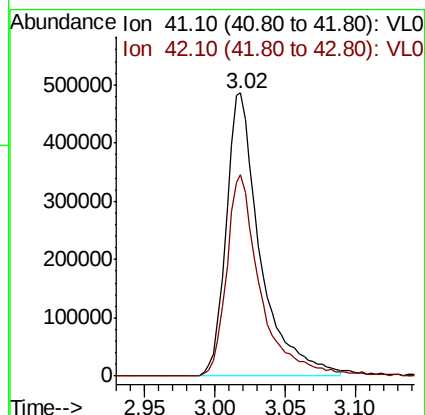
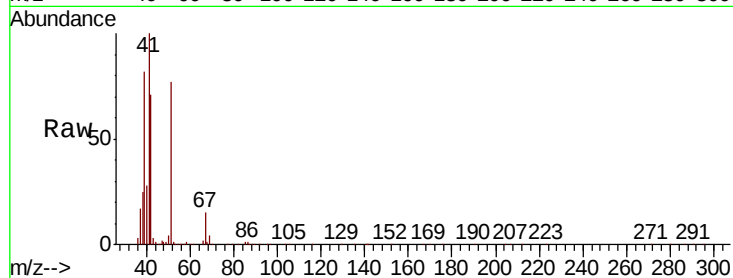




#9
 Propene
 Concen: 9.448 ppbv
 RT: 3.02 min Scan# 72
 Delta R.T. 0.01 min
 Lab File: VL036876.D
 Acq: 28 Apr 2021 12:05

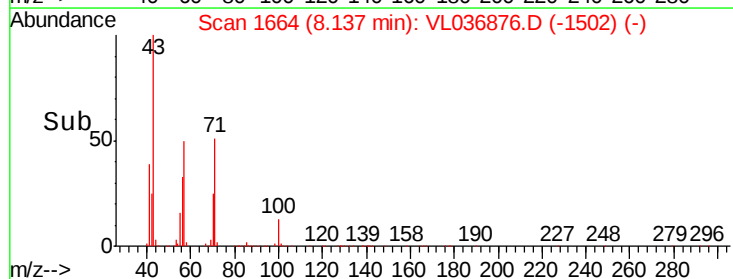
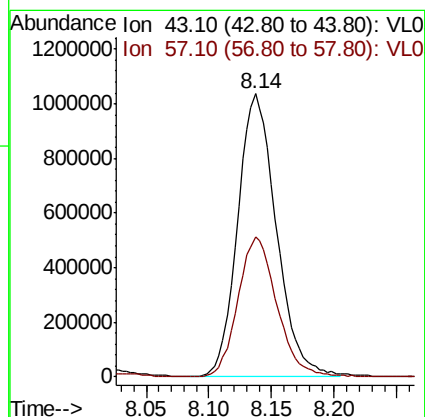
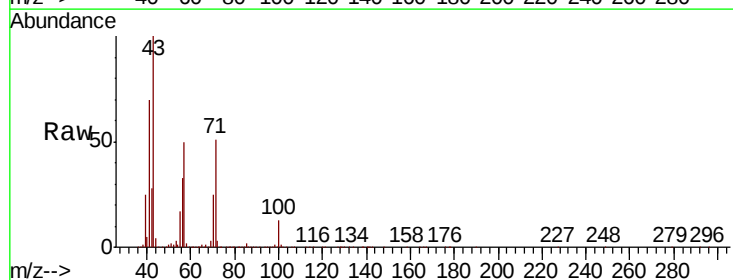
Instrument :
 MSVOA_L
 ClientSampled :

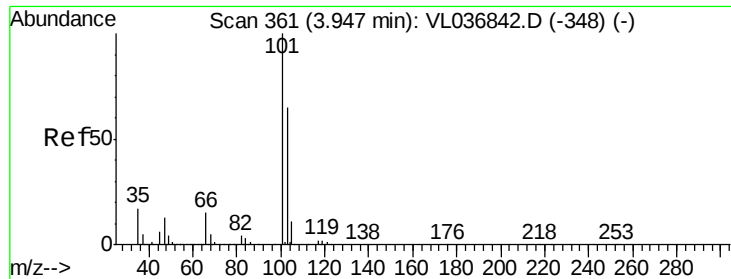
Tot Ion: 41 Resp: 818353
 Ion Ratio Lower Upper
 41 100
 42 71.5 56.0 84.0



#10
 Heptane
 Concen: 10.132 ppbv
 RT: 8.14 min Scan# 1664
 Delta R.T. 0.02 min
 Lab File: VL036876.D
 Acq: 28 Apr 2021 12:05

Tgt Ion: 43 Resp: 2207077
 Ion Ratio Lower Upper
 43 100
 57 50.4 38.8 58.2

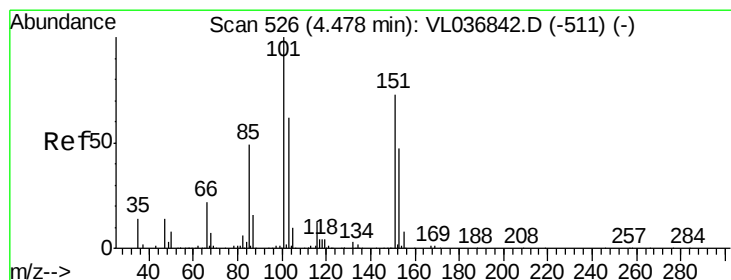
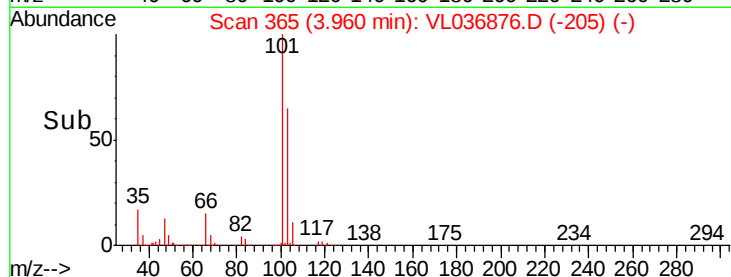
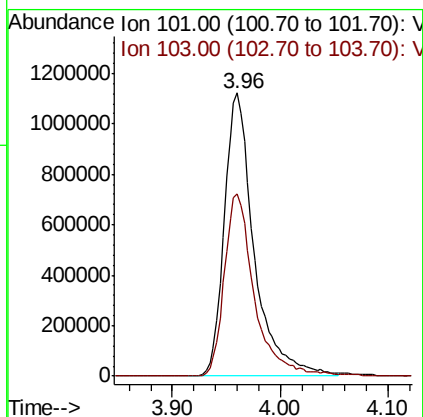
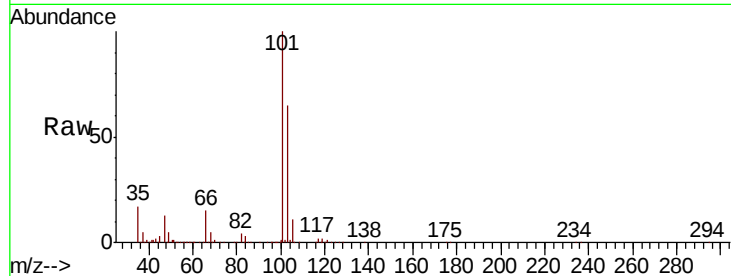




#11
 Trichlorofluoromethane
 Concen: 9.821 ppbv
 RT: 3.96 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VL036876.D
 Acq: 28 Apr 2021 12:05

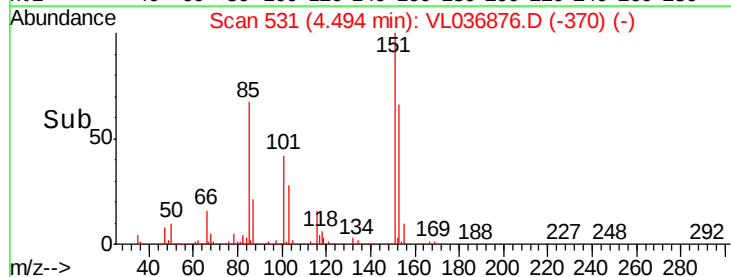
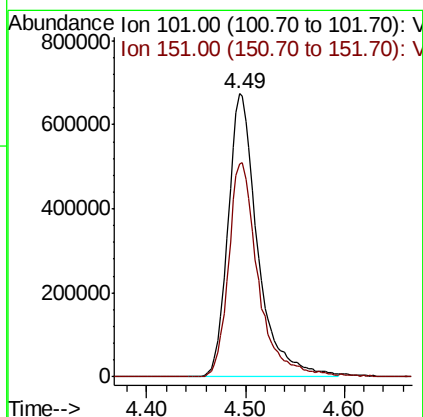
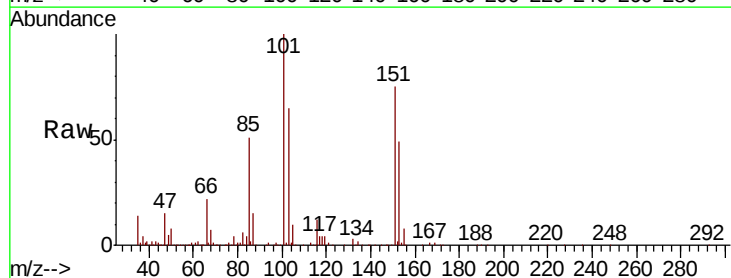
Instrument :
 MSVOA_L
 ClientSampleId :

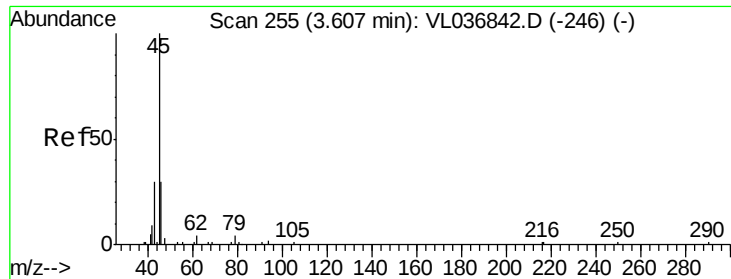
Tot Ion:101 Resp: 2154412
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.6 77.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.660 ppbv
 RT: 4.49 min Scan# 531
 Delta R.T. 0.02 min
 Lab File: VL036876.D
 Acq: 28 Apr 2021 12:05

Tgt Ion:101 Resp: 1418327
 Ion Ratio Lower Upper
 101 100
 151 76.0 61.1 91.7





#13

Ethanol

Concen: 3.675 ppbv

RT: 3.62 min Scan# 260

Delta R.T. 0.02 min

Lab File: VL036876.D

Acq: 28 Apr 2021 12:05

Instrument :

MSVOA_L

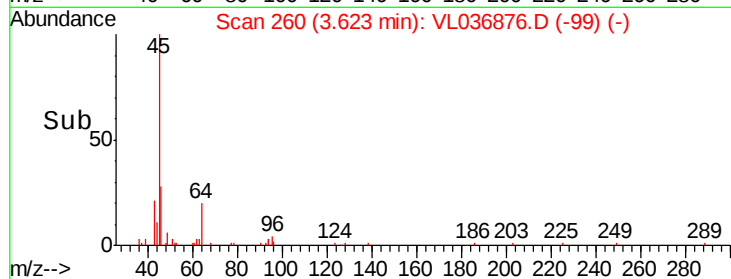
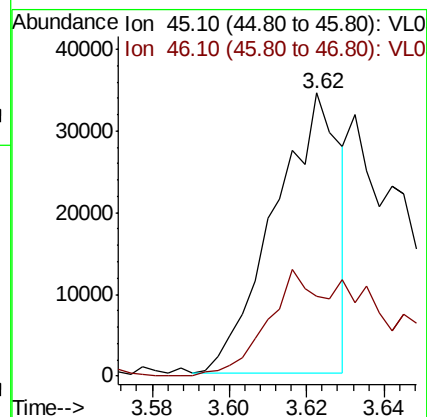
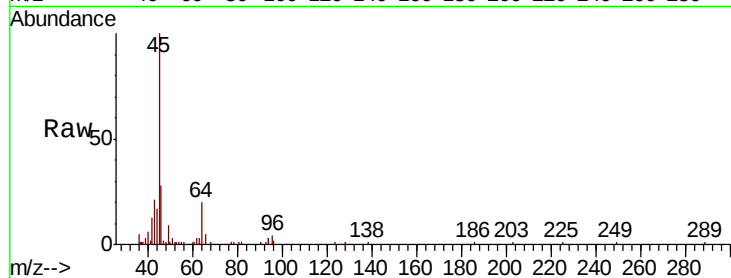
ClientSampleId :

Tot Ion: 45 Resp: 40595

Ion Ratio Lower Upper

45 100

46 83.3 16.8 67.4#



#14

Bromoethene

Concen: 10.023 ppbv

RT: 3.75 min Scan# 300

Delta R.T. 0.02 min

Lab File: VL036876.D

Acq: 28 Apr 2021 12:05

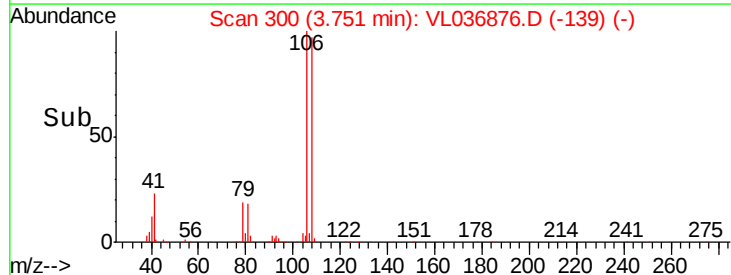
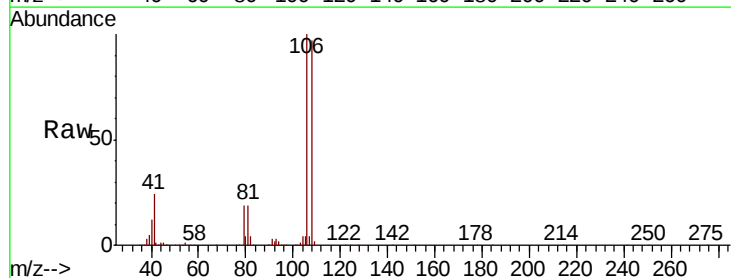
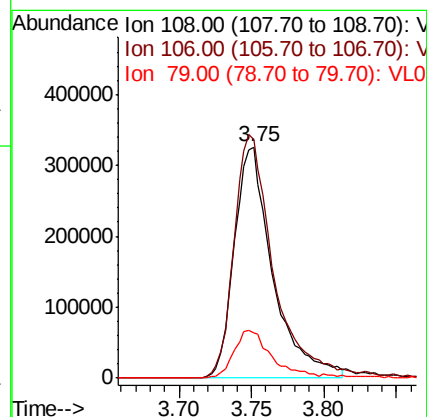
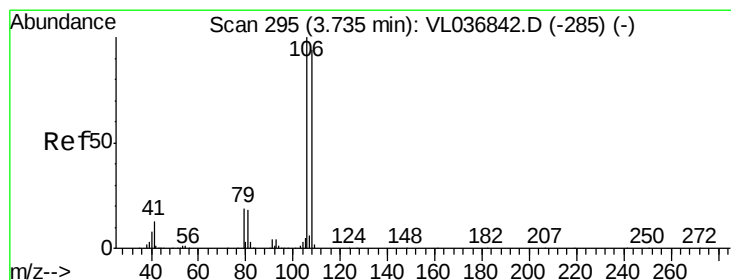
Tgt Ion: 108 Resp: 601253

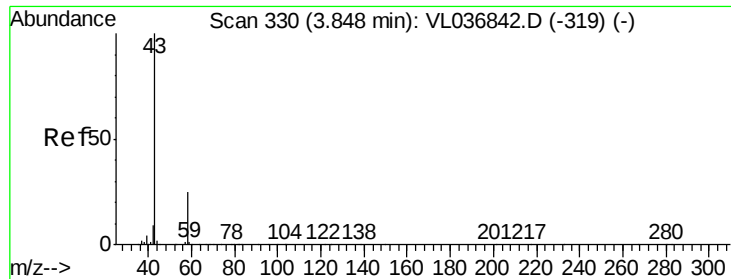
Ion Ratio Lower Upper

108 100

106 110.6 88.5 132.7

79 21.9 17.9 26.9





#15

Acetone

Concen: 7.961 ppbv

RT: 3.86 min Scan# 334

Delta R.T. 0.01 min

Lab File: VL036876.D

Acq: 28 Apr 2021 12:05

Instrument :

MSVOA_L

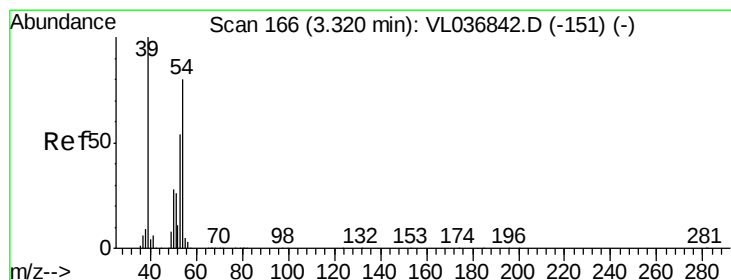
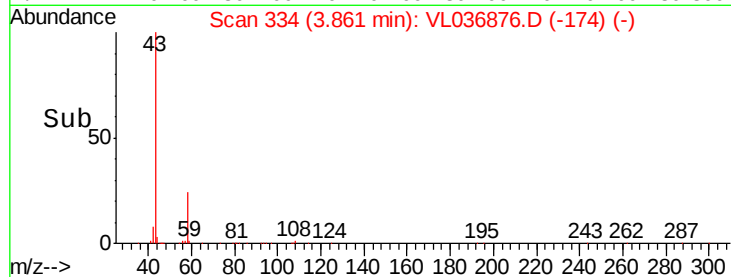
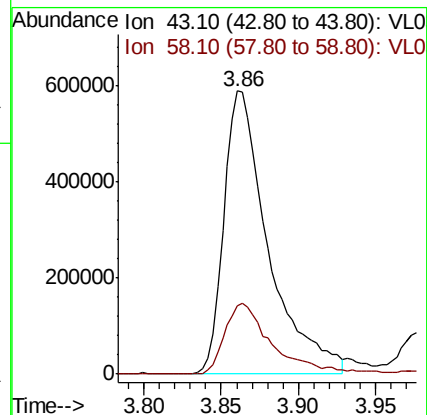
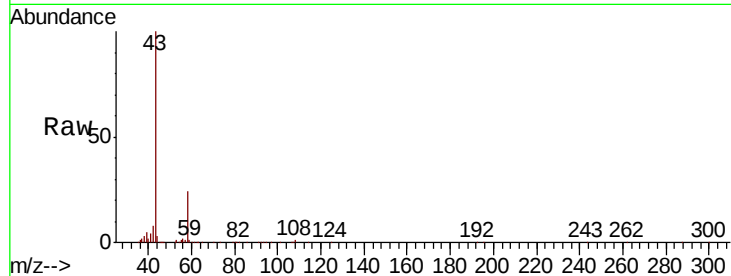
ClientSampleId :

Tot Ion: 43 Resp: 1170922

Ion Ratio Lower Upper

43 100

58 27.3 21.7 32.5



#16

1,3-Butadiene

Concen: 9.830 ppbv

RT: 3.33 min Scan# 170

Delta R.T. 0.01 min

Lab File: VL036876.D

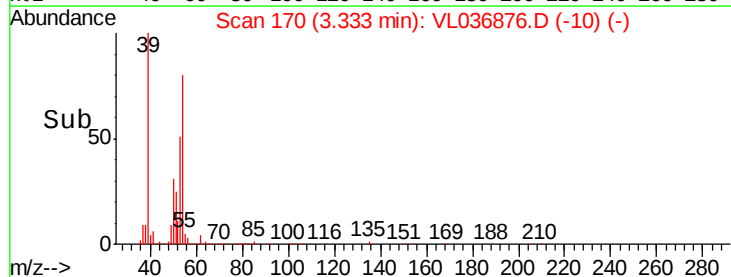
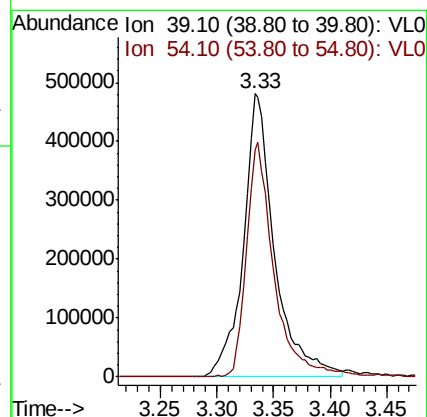
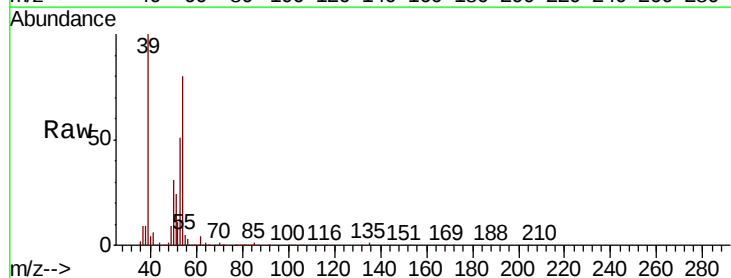
Acq: 28 Apr 2021 12:05

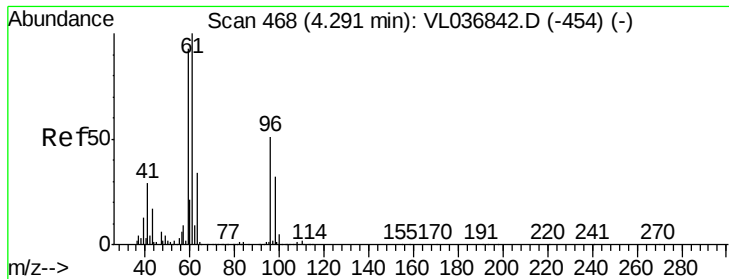
Tgt Ion: 39 Resp: 924557

Ion Ratio Lower Upper

39 100

54 73.9 59.6 89.4



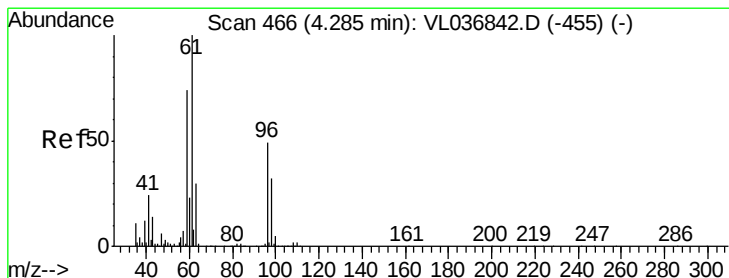
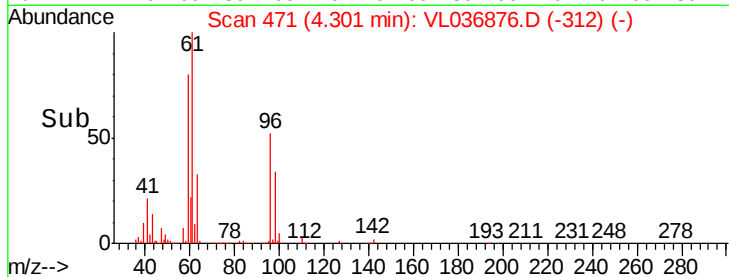
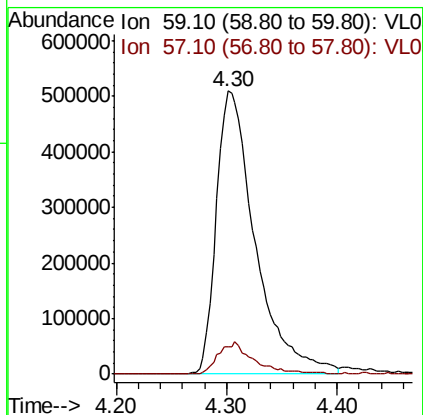
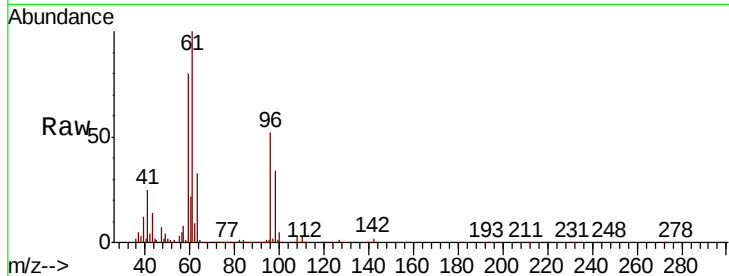


#17

tert-Butyl alcohol
 Concen: 10.441 ppbv
 RT: 4.30 min Scan# 471
 Delta R.T. 0.01 min
 Lab File: VL036876.D
 Acq: 28 Apr 2021 12:05

Instrument :
 MSVOA_L
 ClientSampled :

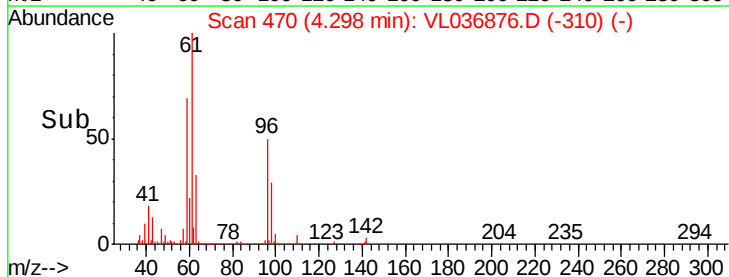
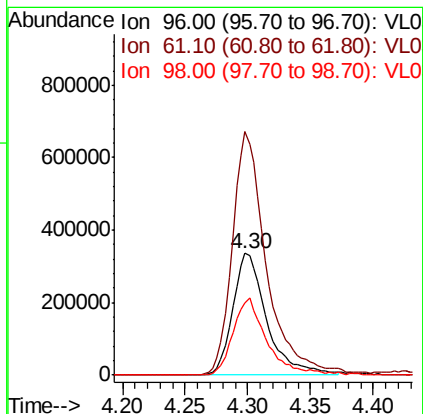
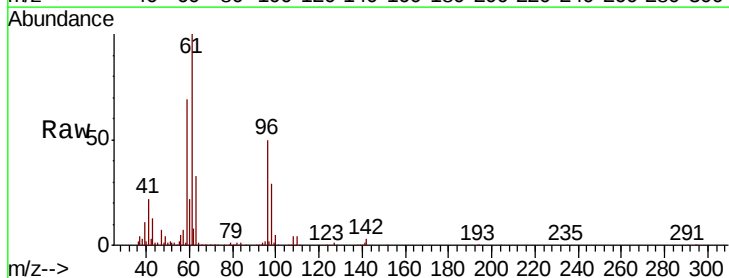
Tot Ion: 59 Resp: 1246535
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.3 12.5

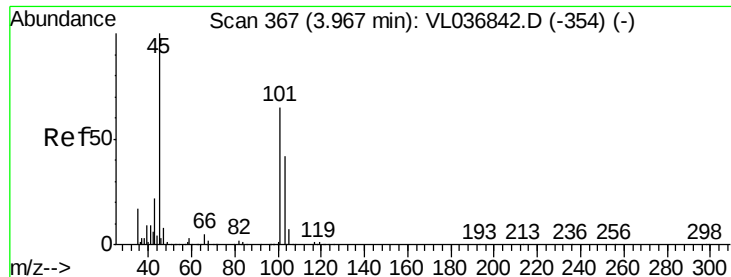


#18

1,1-Dichloroethene
 Concen: 9.881 ppbv
 RT: 4.30 min Scan# 470
 Delta R.T. 0.01 min
 Lab File: VL036876.D
 Acq: 28 Apr 2021 12:05

Tgt Ion: 96 Resp: 630520
 Ion Ratio Lower Upper
 96 100
 61 200.0 162.2 243.2
 98 58.9 51.8 77.6





#19

Isopropyl Alcohol

Concen: 9.254 ppbv

RT: 3.98 min Scan# 371

Delta R.T. 0.01 min

Lab File: VL036876.D

Acq: 28 Apr 2021 12:05

Instrument :

MSVOA_L

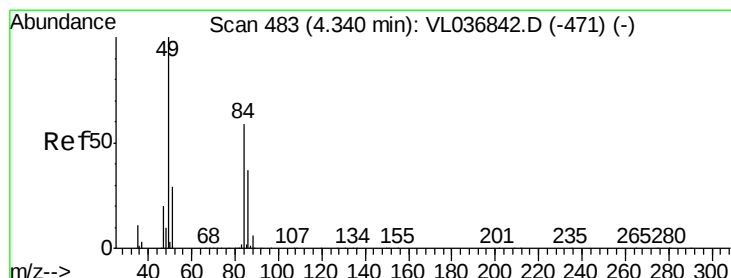
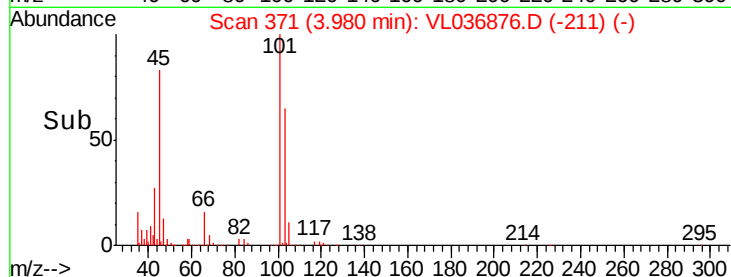
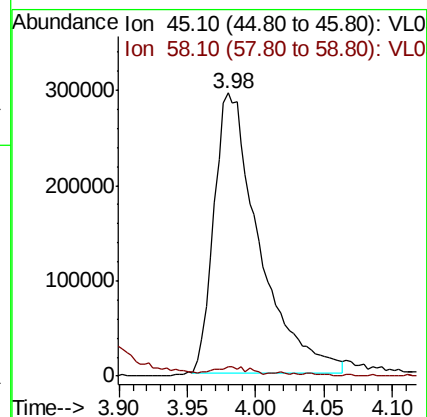
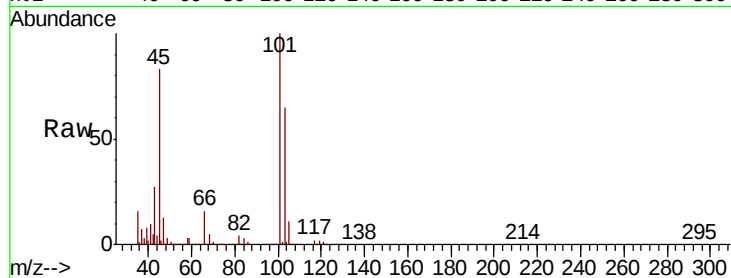
ClientSampleId :

Tot Ion: 45 Resp: 674418

Ion Ratio Lower Upper

45 100

58 3.1 2.8 4.2



#20

Methylene Chloride

Concen: 3.704 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.01 min

Lab File: VL036876.D

Acq: 28 Apr 2021 12:05

Tgt Ion: 84 Resp: 260532

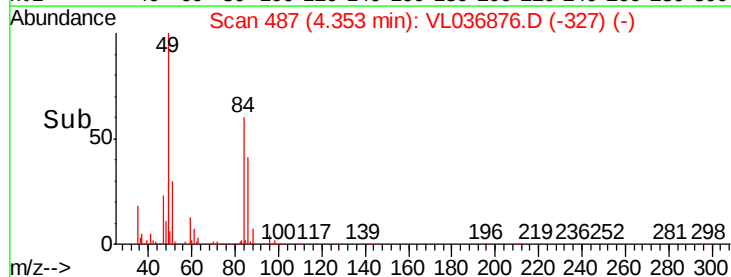
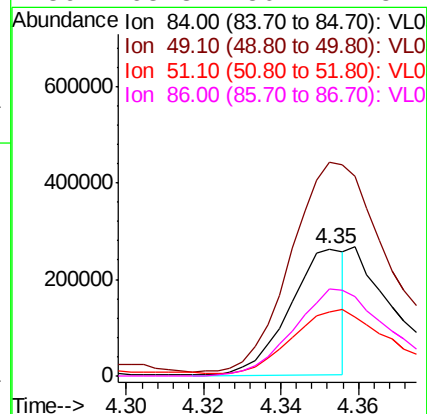
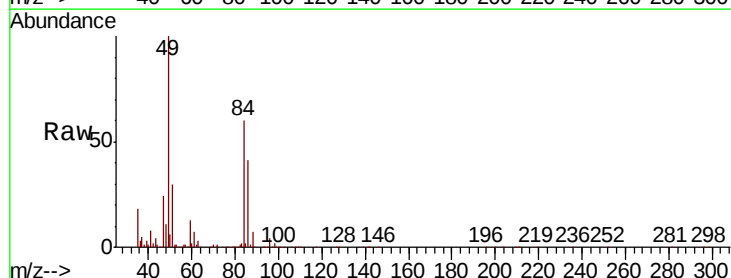
Ion Ratio Lower Upper

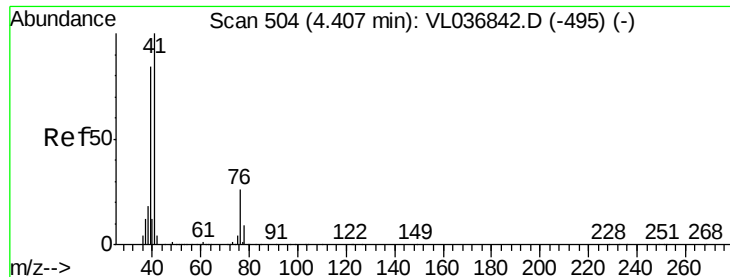
84 100

49 165.4 135.4 203.0

51 48.1 39.3 58.9

86 68.3 50.2 75.2

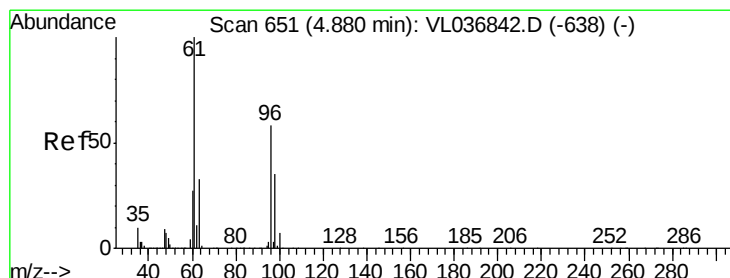
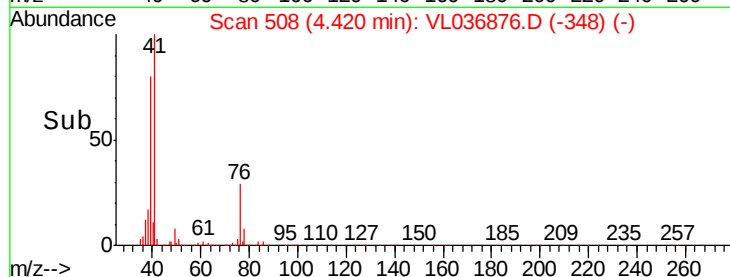
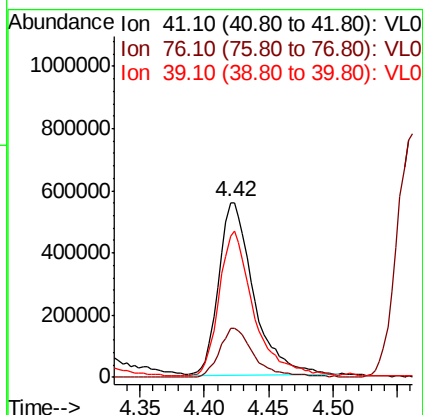
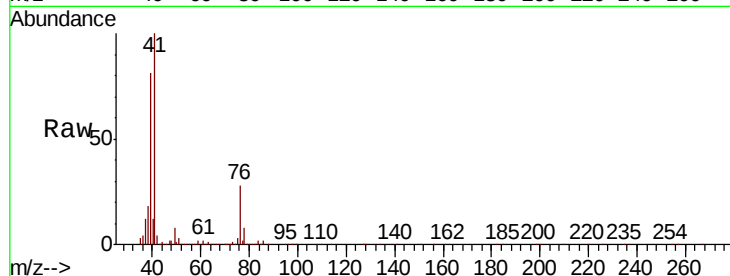




#21
Allvl Chloride
Concen: 9.607 ppbv
RT: 4.42 min Scan# 508
Delta R.T. 0.01 min
Lab File: VL036876.D
Acq: 28 Apr 2021 12:05

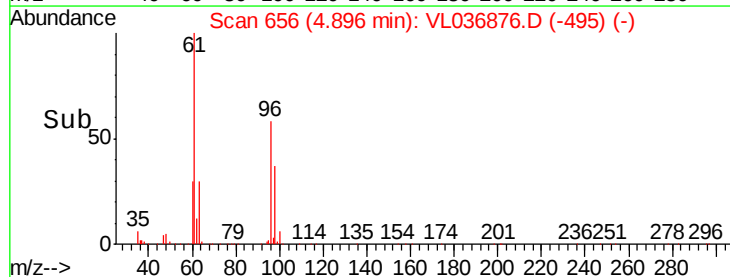
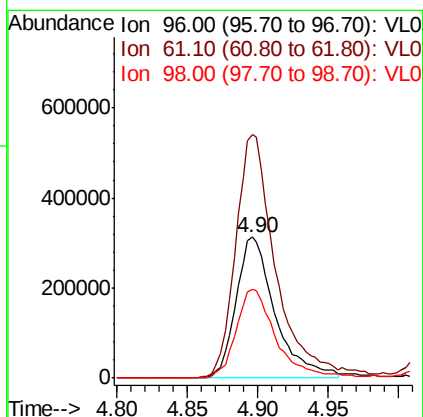
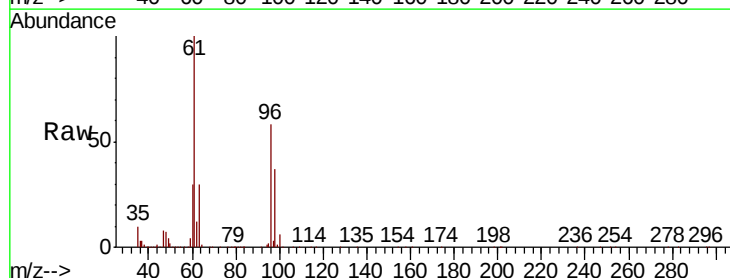
Instrument :
MSVOA_L
ClientSampleId :

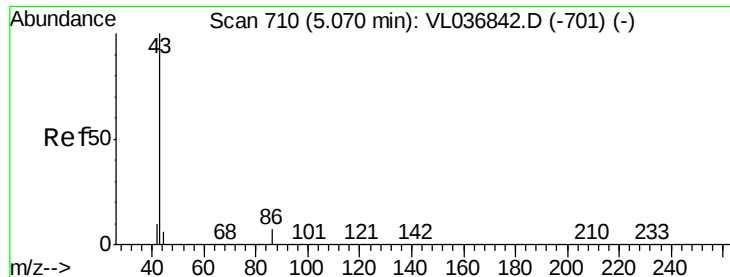
Tot Ion: 41 Resp: 1050023
Ion Ratio Lower Upper
41 100
76 28.6 22.4 33.6
39 84.1 68.4 102.6



#22
trans-1,2-Dichloroethene
Concen: 9.492 ppbv
RT: 4.90 min Scan# 656
Delta R.T. 0.02 min
Lab File: VL036876.D
Acq: 28 Apr 2021 12:05

Tgt Ion: 96 Resp: 607804
Ion Ratio Lower Upper
96 100
61 172.7 138.6 207.8
98 63.1 48.1 72.1



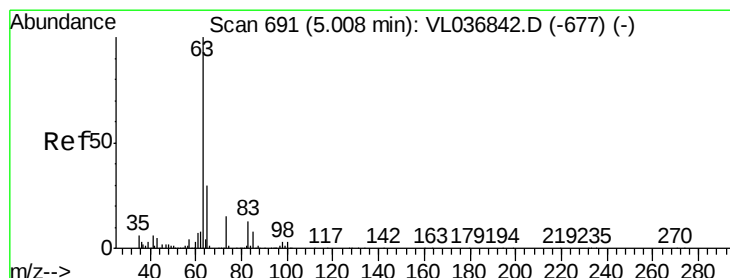
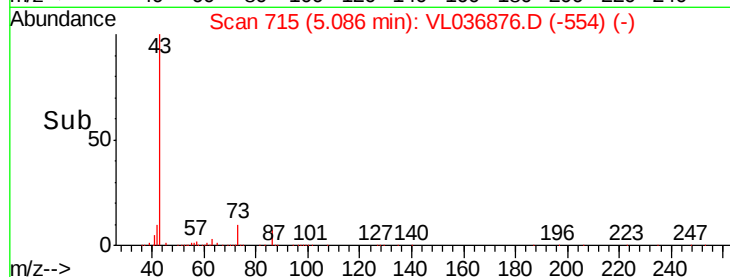
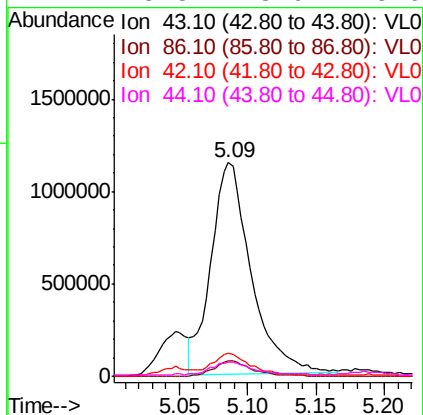
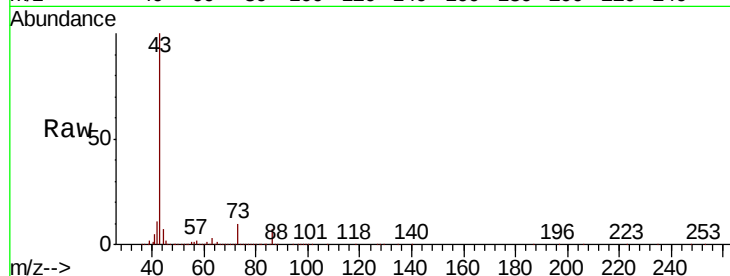


#23
 Vinyl Acetate
 Concen: 11.749 ppbv
 RT: 5.09 min Scan# 715
 Delta R.T. 0.02 min
 Lab File: VL036876.D
 Acq: 28 Apr 2021 12:05

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 43 Resp: 2350618

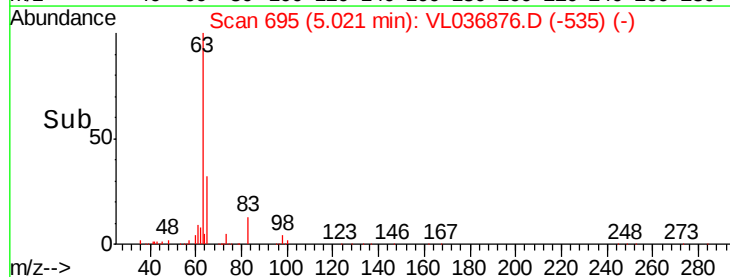
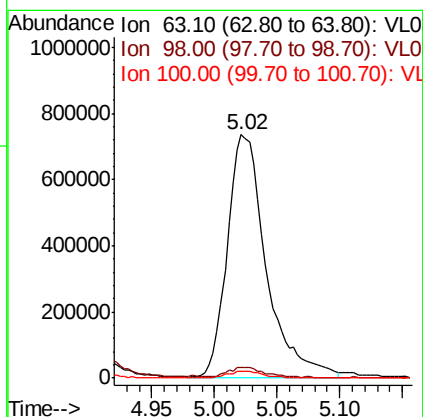
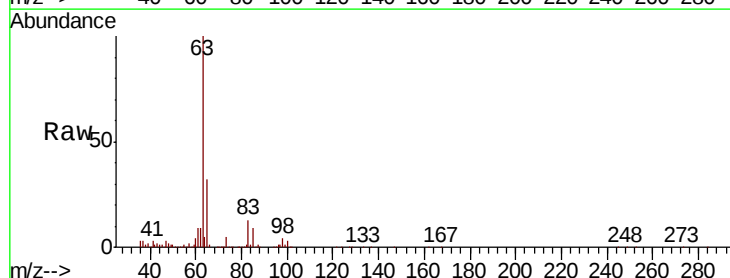
Ion	Ratio	Lower	Upper
43	100		
86	7.0	5.3	7.9
42	10.3	8.7	13.1
44	5.8	3.9	5.9

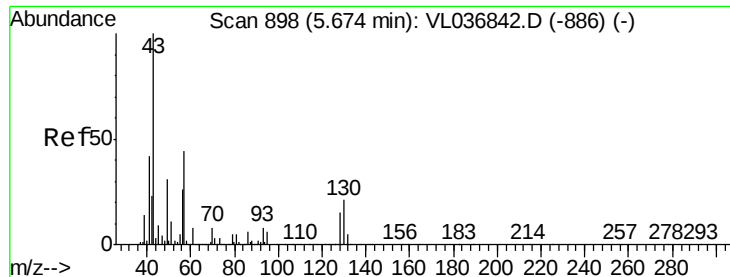


#24
 1,1-Dichloroethane
 Concen: 11.092 ppbv
 RT: 5.02 min Scan# 695
 Delta R.T. 0.01 min
 Lab File: VL036876.D
 Acq: 28 Apr 2021 12:05

Tgt Ion: 63 Resp: 1575408

Ion	Ratio	Lower	Upper
63	100		
98	4.2	1.7	5.1
100	2.6	1.3	3.8



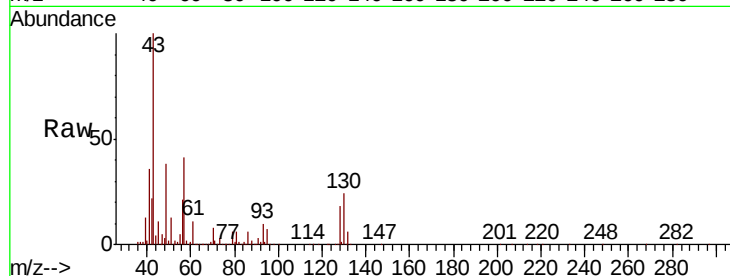


#25
Ethyl Acetate
Concen: 9.445 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.02 min
Lab File: VL036876.D
Acq: 28 Apr 2021 12:05

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 3393321

Ion	Ratio	Lower	Upper
43	100		
45	10.0	7.8	11.8
61	10.2	7.4	11.0
70	6.7	5.4	8.0



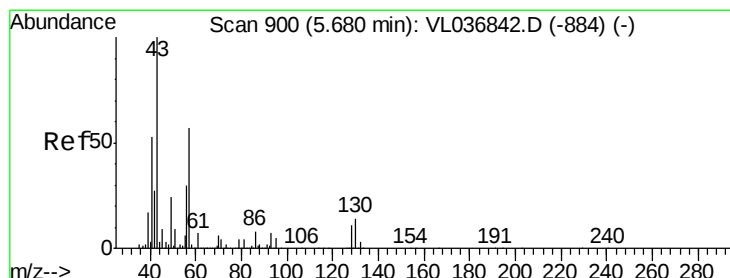
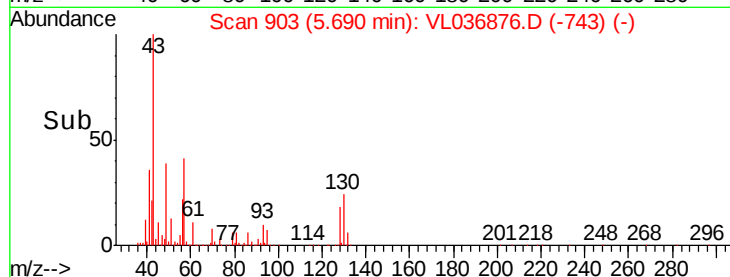
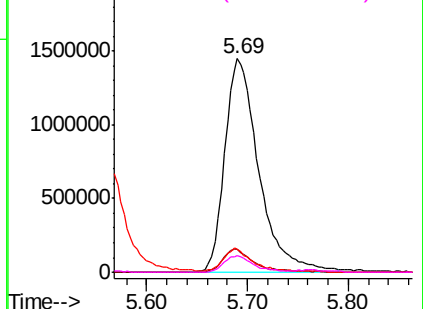
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

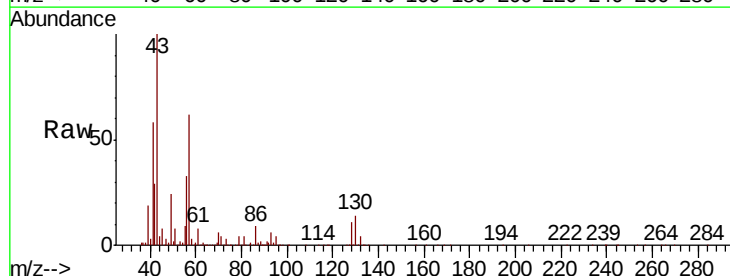
Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 9.447 ppbv
RT: 5.70 min Scan# 906
Delta R.T. 0.02 min
Lab File: VL036876.D
Acq: 28 Apr 2021 12:05

Tgt Ion: 57 Resp: 1588008

Ion	Ratio	Lower	Upper
57	100		
41	93.3	77.7	116.5
43	215.9	180.5	270.7
56	55.2	44.6	66.8



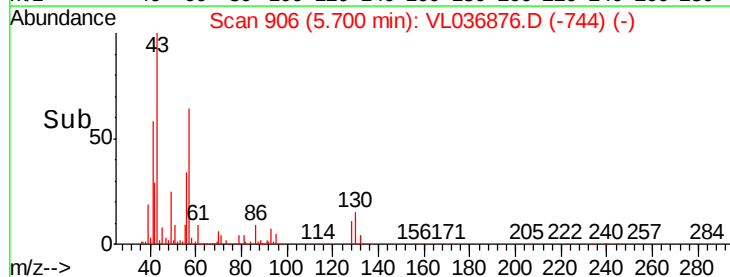
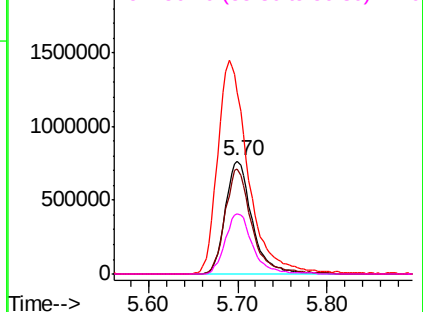
Abundance

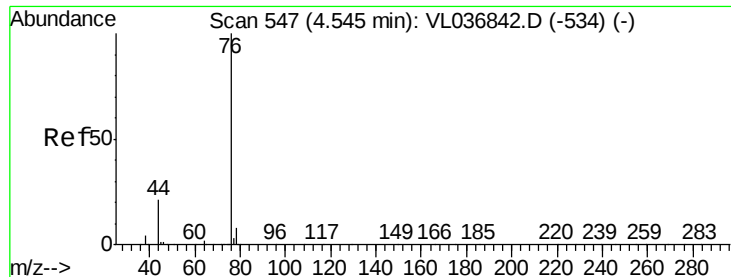
Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 10.429 ppbv

RT: 4.56 min Scan# 552

Delta R.T. 0.02 min

Lab File: VL036876.D

Acq: 28 Apr 2021 12:05

Instrument :

MSVOA_L

ClientSampled :

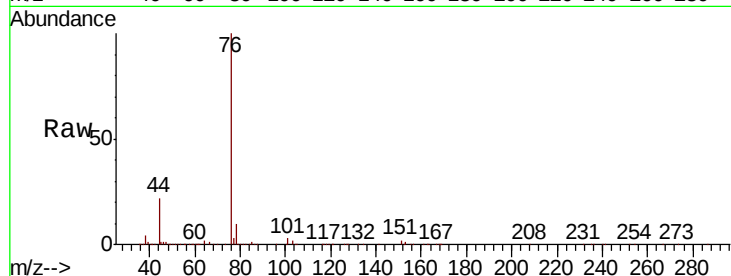
Tot Ion: 76 Resp: 1522641

Ion Ratio Lower Upper

76 100

44 21.6 16.9 25.3

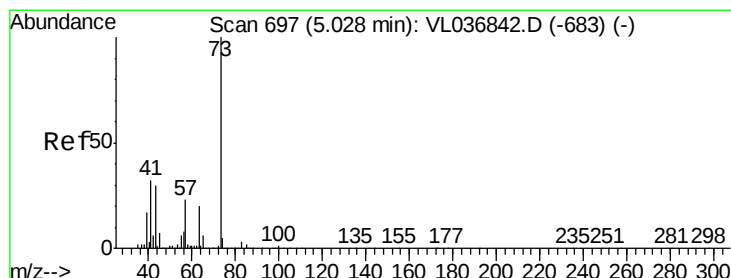
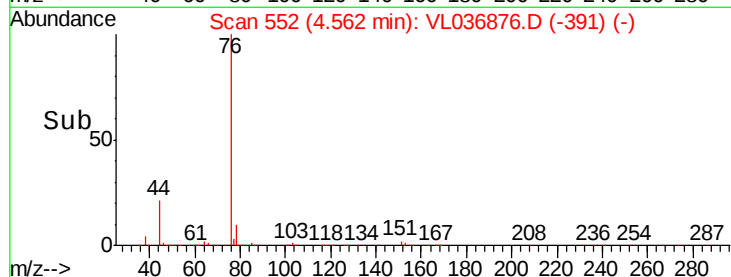
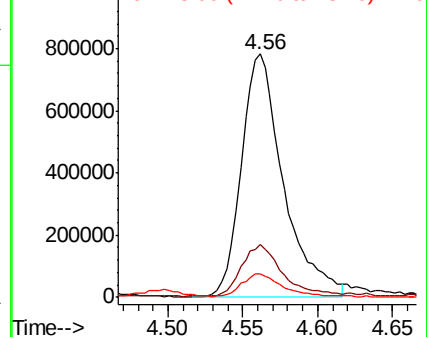
78 9.9 7.9 11.9



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 11.912 ppbv

RT: 5.05 min Scan# 704

Delta R.T. 0.02 min

Lab File: VL036876.D

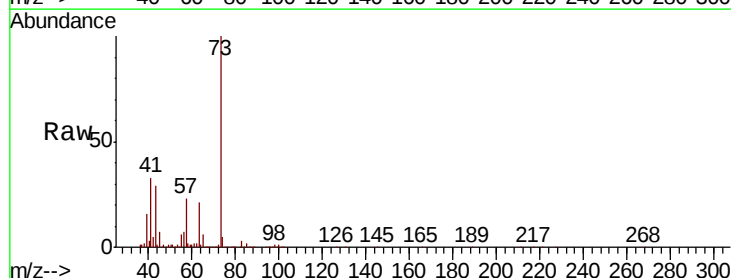
Acq: 28 Apr 2021 12:05

Tgt Ion: 73 Resp: 1774842

Ion Ratio Lower Upper

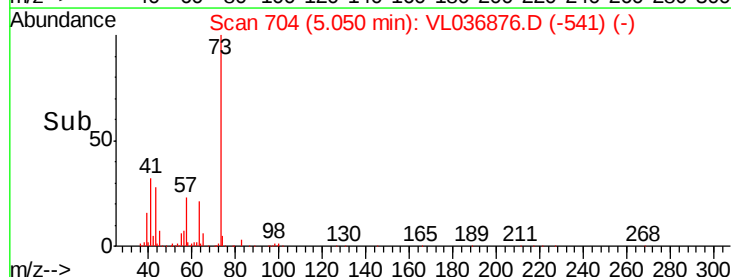
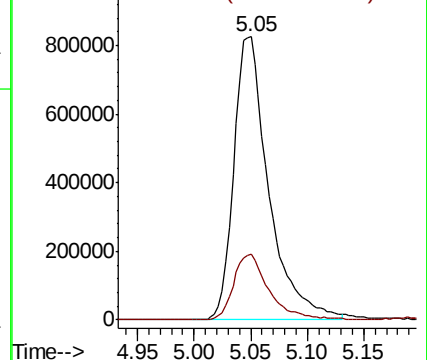
73 100

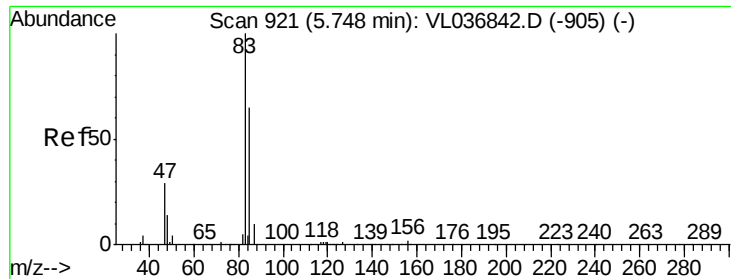
57 23.6 19.0 28.6



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

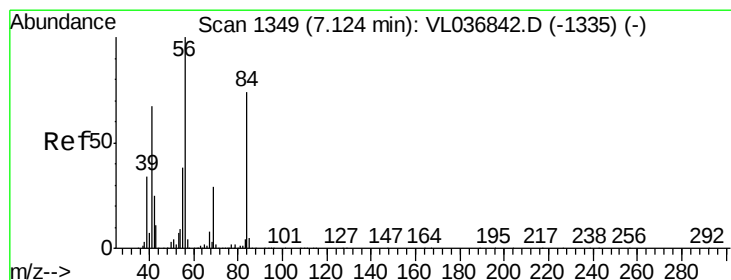
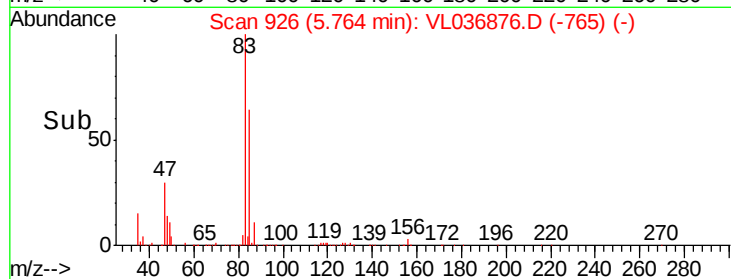
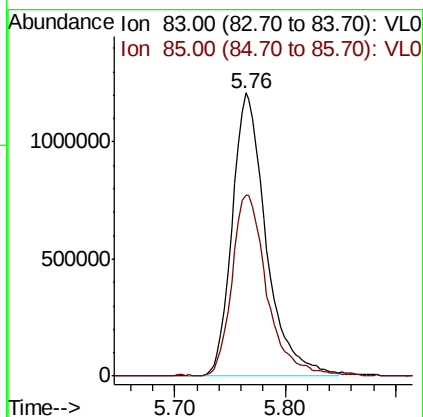
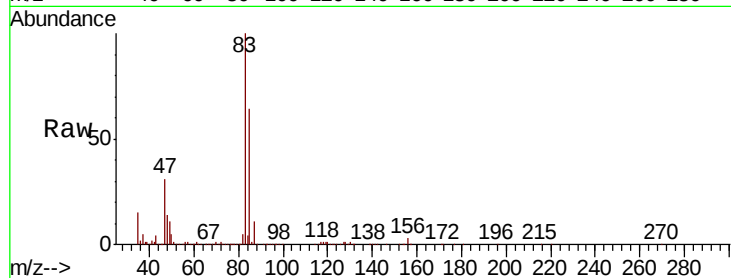




#29
Chloroform
Concen: 9.846 ppbv
RT: 5.76 min Scan# 926
Delta R.T. 0.02 min
Lab File: VL036876.D
Acq: 28 Apr 2021 12:05

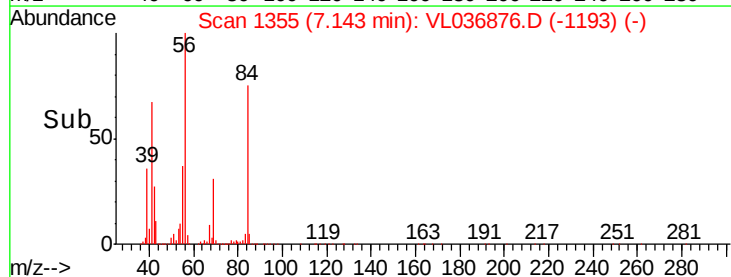
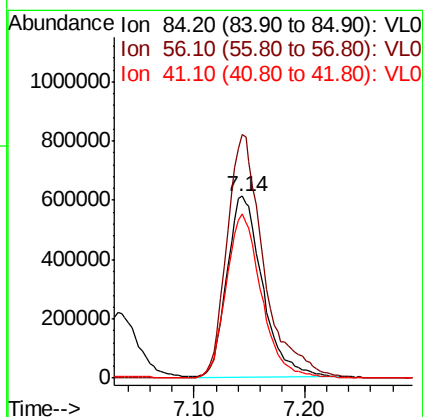
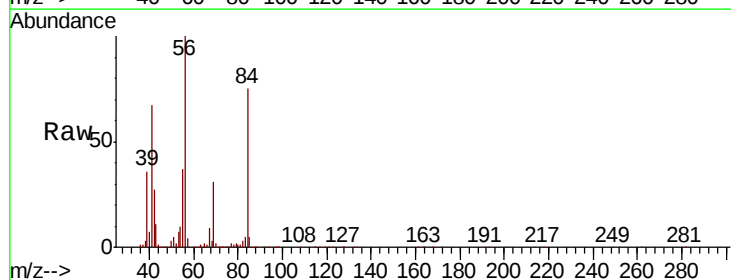
Instrument :
MSVOA_L
ClientSampleId :

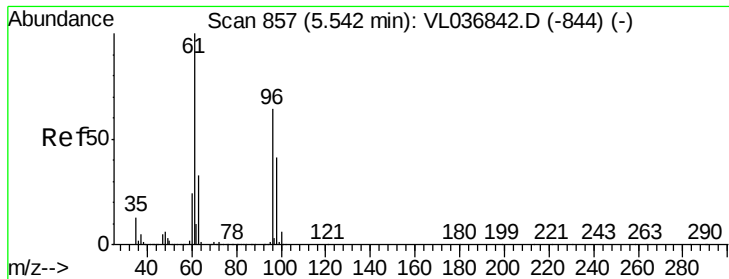
Tot Ion: 83 Resp: 2580263
Ion Ratio Lower Upper
83 100
85 63.6 52.2 78.4



#30
Cyclohexane
Concen: 10.260 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. 0.02 min
Lab File: VL036876.D
Acq: 28 Apr 2021 12:05

Tgt Ion: 84 Resp: 1367678
Ion Ratio Lower Upper
84 100
56 140.2 115.8 173.6
41 89.9 74.6 111.8



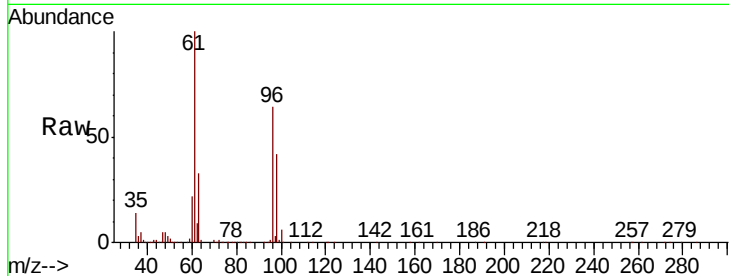


#31

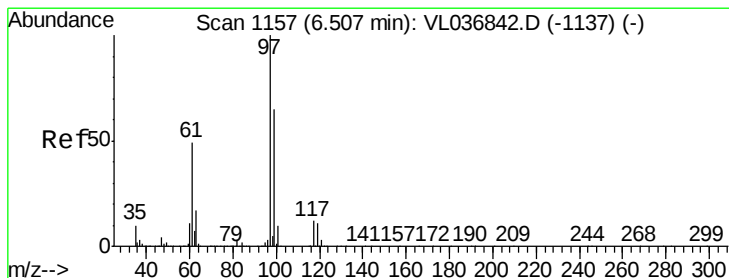
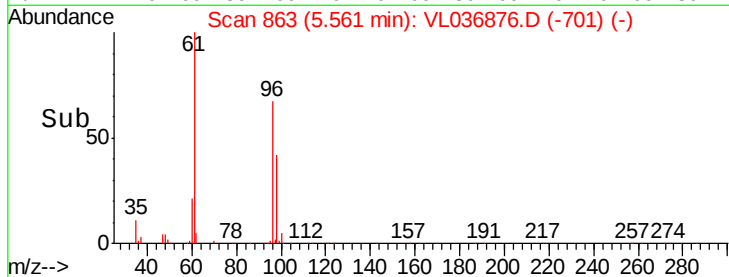
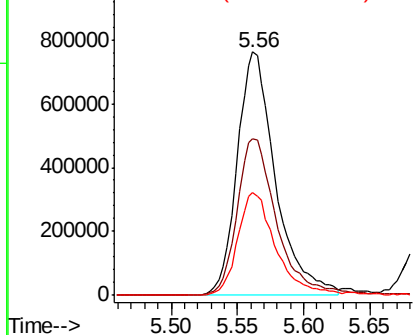
cis-1,2-Dichloroethene
 Concen: 10.158 ppbv
 RT: 5.56 min Scan# 863
 Delta R.T. 0.02 min
 Lab File: VL036876.D
 Acq: 28 Apr 2021 12:05

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 61 Resp: 1532723
 Ion Ratio Lower Upper
 61 100
 96 64.2 51.0 76.6
 98 42.0 32.7 49.1



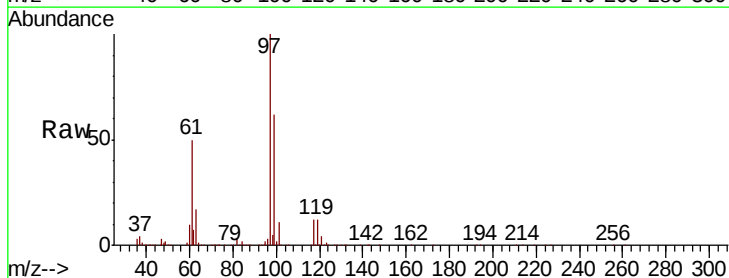
Abundance Ion 61.10 (60.80 to 61.80): VL0
 Ion 96.00 (95.70 to 96.70): VL0
 Ion 98.00 (97.70 to 98.70): VL0



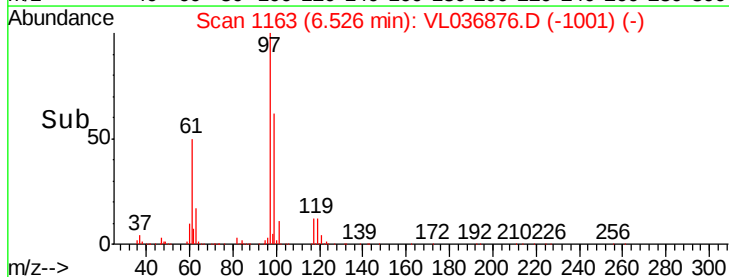
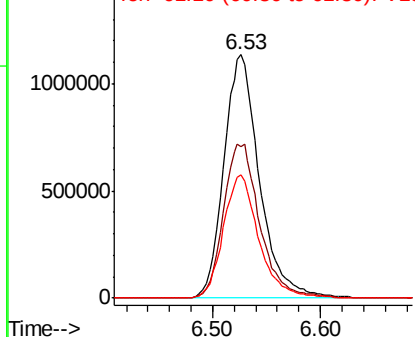
#32

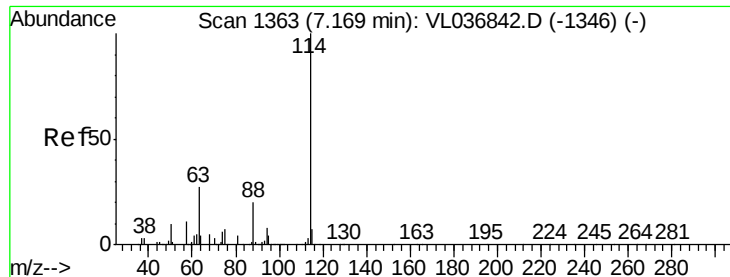
1,1,1-Trichloroethane
 Concen: 9.754 ppbv
 RT: 6.53 min Scan# 1163
 Delta R.T. 0.02 min
 Lab File: VL036876.D
 Acq: 28 Apr 2021 12:05

Tgt Ion: 97 Resp: 2599292
 Ion Ratio Lower Upper
 97 100
 99 65.1 51.8 77.6
 61 50.8 40.8 61.2



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

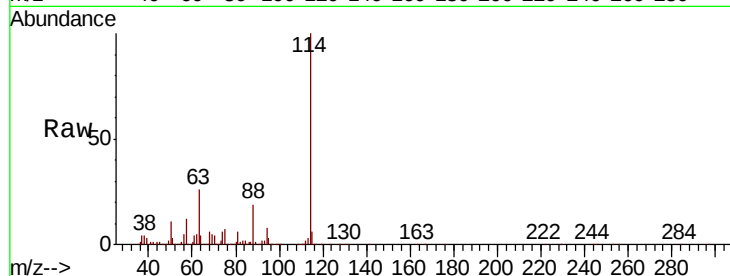




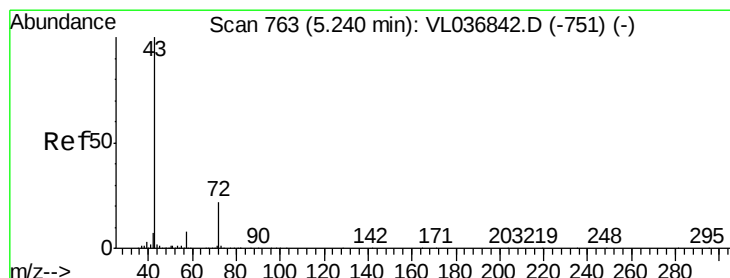
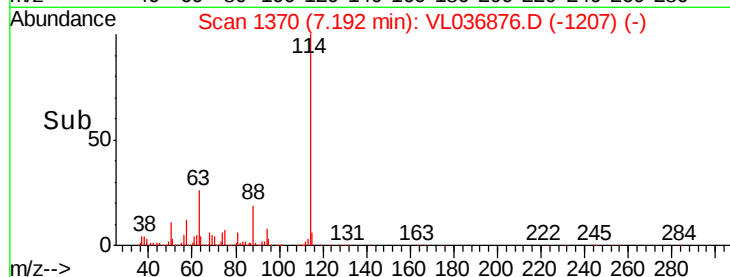
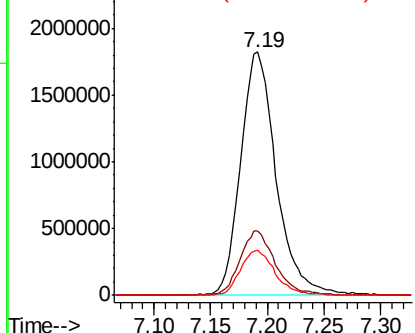
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1370
 Delta R.T. 0.02 min
 Lab File: VL036876.D
 Acq: 28 Apr 2021 12:05

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:114 Resp: 3971047
 Ion Ratio Lower Upper
 114 100
 63 26.6 21.9 32.9
 88 18.5 15.1 22.7

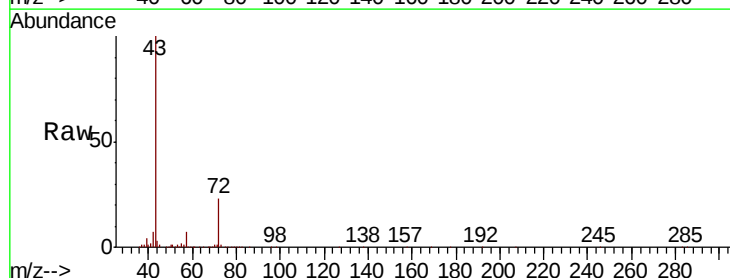


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

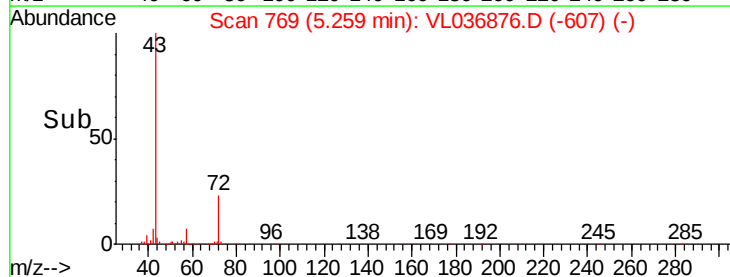
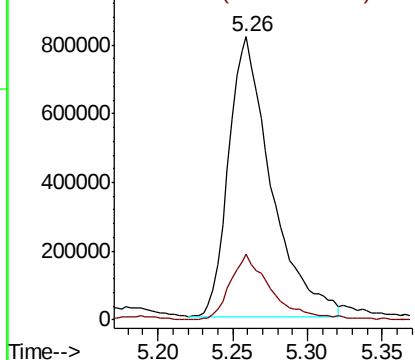


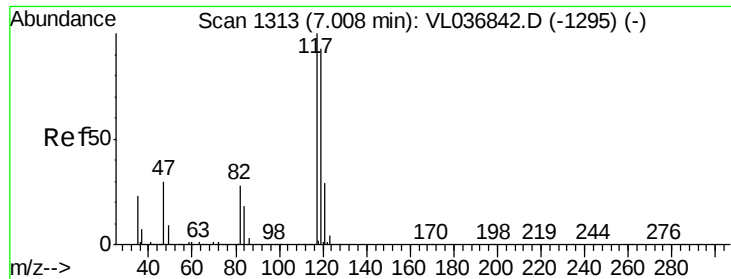
#34
 2-Butanone
 Concen: 9.273 ppbv
 RT: 5.26 min Scan# 769
 Delta R.T. 0.02 min
 Lab File: VL036876.D
 Acq: 28 Apr 2021 12:05

Tgt Ion: 43 Resp: 1612976
 Ion Ratio Lower Upper
 43 100
 72 23.2 17.6 26.4



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





#35

Carbon Tetrachloride

Concen: 10.231 ppbv

RT: 7.03 min Scan# 1320

Delta R.T. 0.02 min

Lab File: VL036876.D

Acq: 28 Apr 2021 12:05

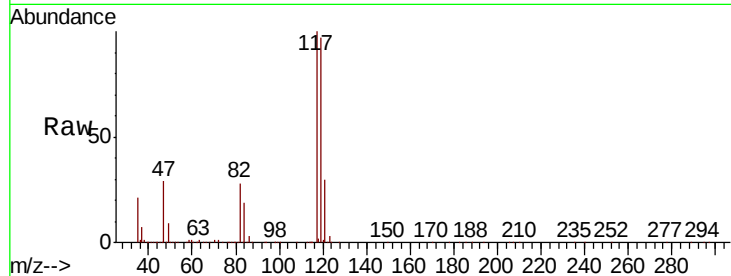
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:117 Resp: 2756688

Ion	Ratio	Lower	Upper
117	100		
119	96.5	74.6	111.8
121	30.3	23.3	34.9

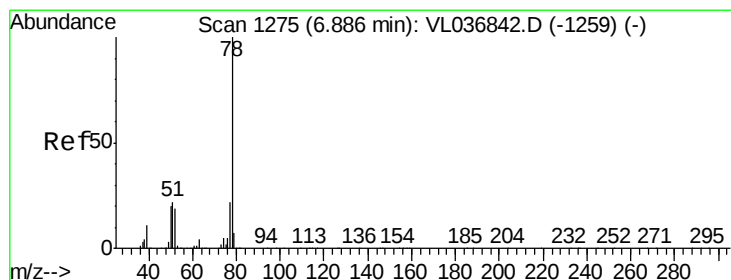
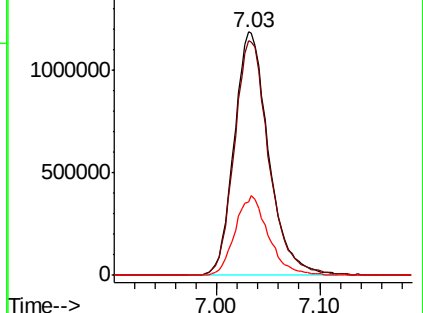
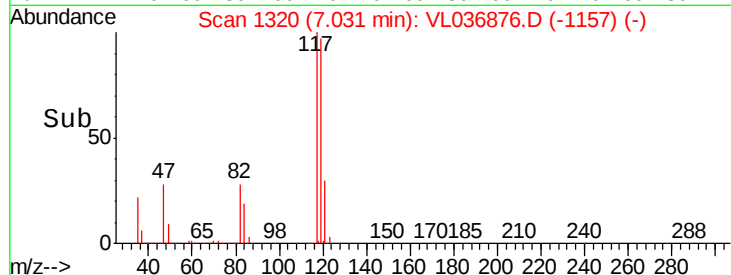


Abundance

Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 9.983 ppbv

RT: 6.91 min Scan# 1281

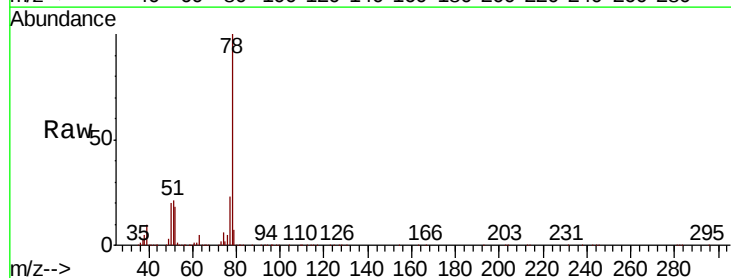
Delta R.T. 0.02 min

Lab File: VL036876.D

Acq: 28 Apr 2021 12:05

Tgt Ion: 78 Resp: 3340131

Ion	Ratio	Lower	Upper
78	100		
77	22.7	17.6	26.4
50	19.5	16.3	24.5

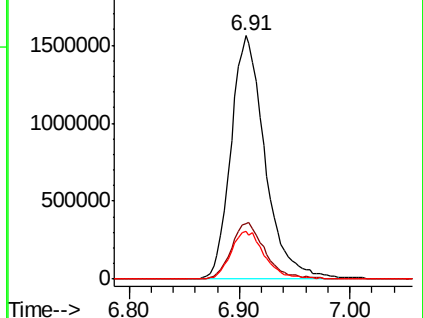
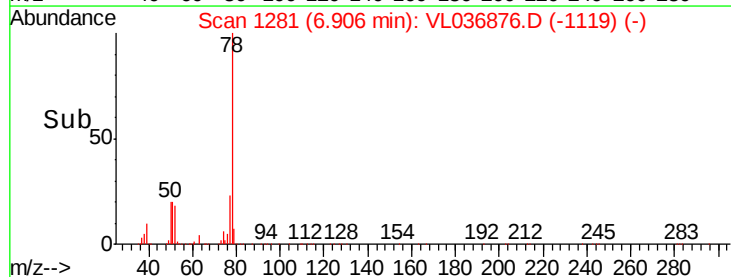


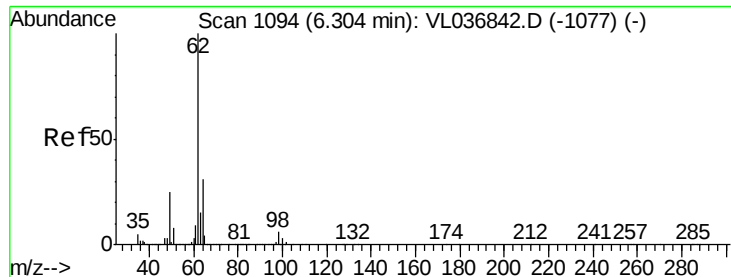
Abundance

Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

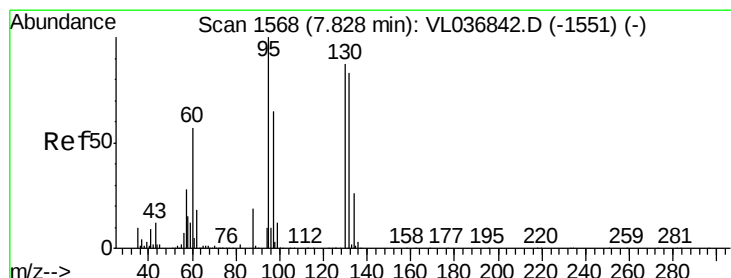
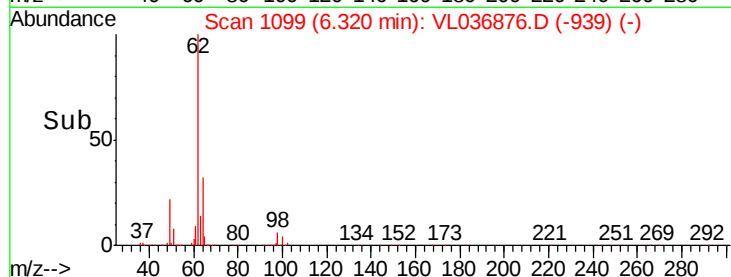
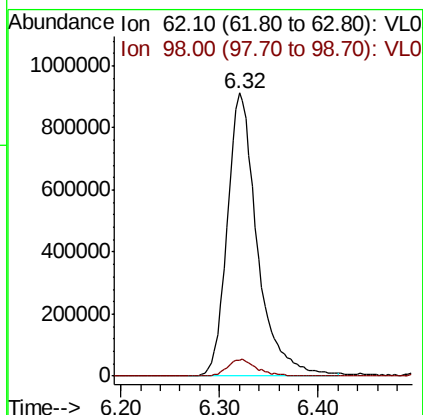
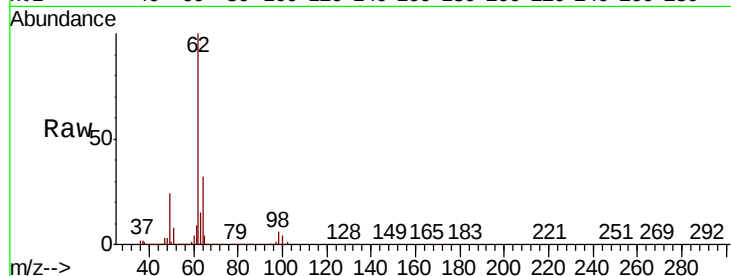




#37
1,2-Dichloroethane
Concen: 10.253 ppbv
RT: 6.32 min Scan# 1099
Delta R.T. 0.02 min
Lab File: VL036876.D
Acq: 28 Apr 2021 12:05

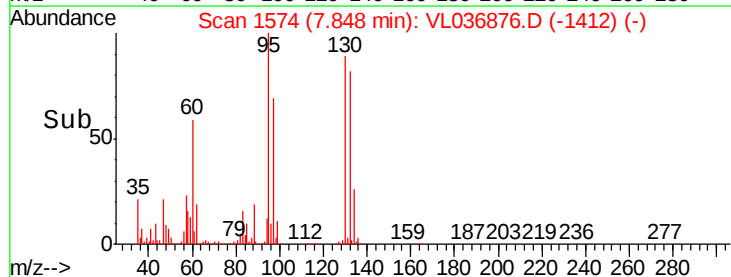
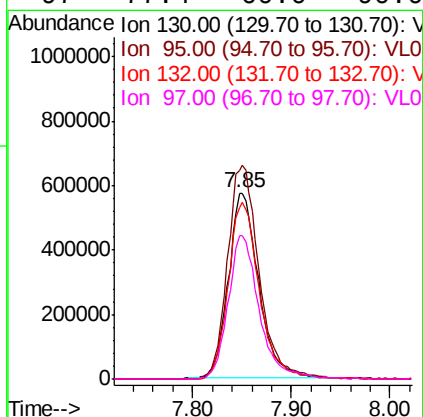
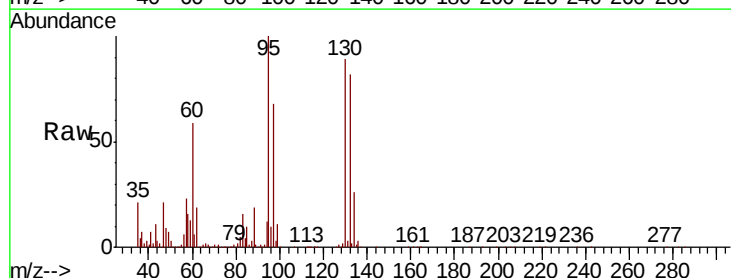
Instrument :
MSVOA_L
ClientSampleId :

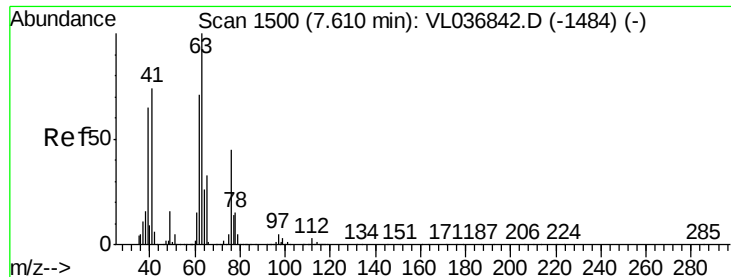
Tot Ion: 62 Resp: 1942517
Ion Ratio Lower Upper
62 100
98 6.2 4.8 7.2



#38
Trichloroethene
Concen: 10.377 ppbv
RT: 7.85 min Scan# 1574
Delta R.T. 0.02 min
Lab File: VL036876.D
Acq: 28 Apr 2021 12:05

Tgt Ion: 130 Resp: 1236165
Ion Ratio Lower Upper
130 100
95 113.0 92.3 138.5
132 92.4 76.8 115.2
97 77.4 60.0 90.0

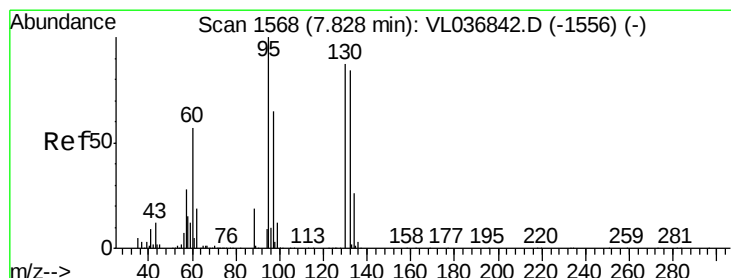
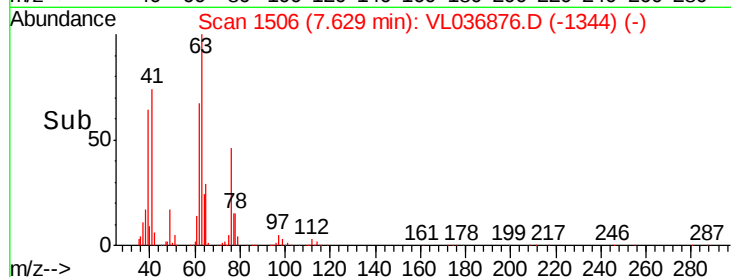
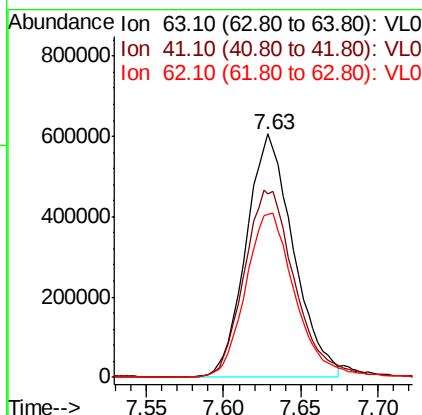
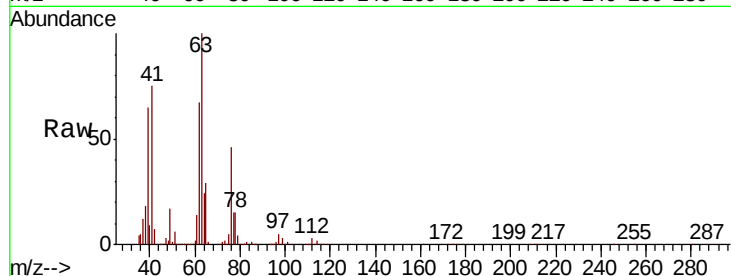




#39
 1,2-Dichloropropane
 Concen: 9.611 ppbv
 RT: 7.63 min Scan# 1506
 Delta R.T. 0.02 min
 Lab File: VL036876.D
 Acq: 28 Apr 2021 12:05

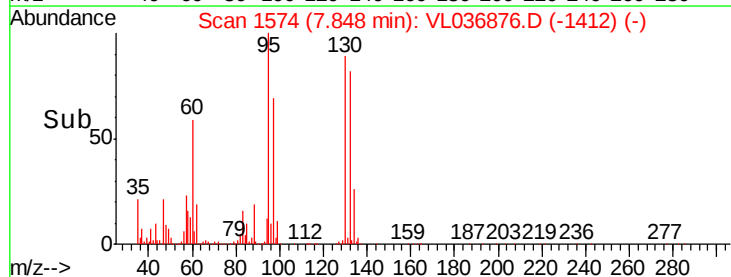
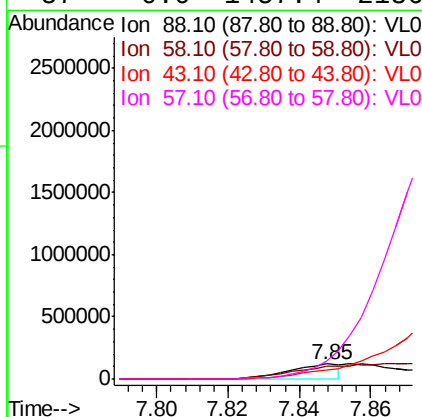
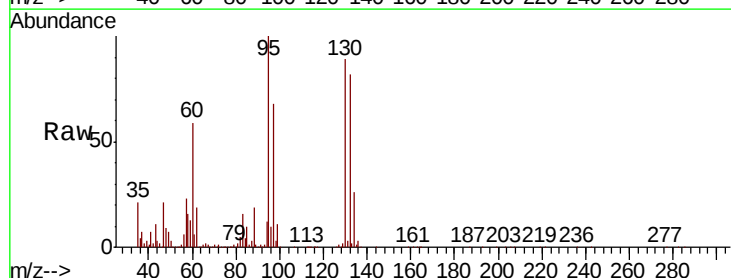
Instrument :
 MSVOA_L
 ClientSampleId :

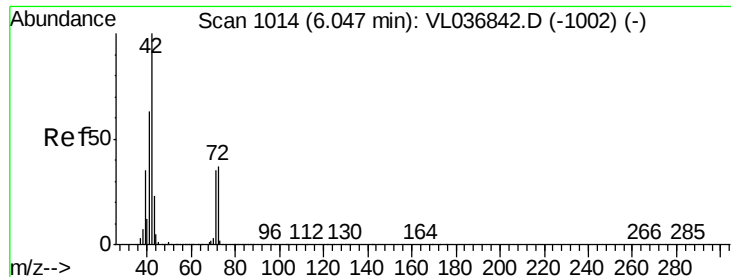
Tot Ion: 63 Resp: 1288304
 Ion Ratio Lower Upper
 63 100
 41 74.9 59.1 88.7
 62 66.8 56.9 85.3



#40
 1,4-Dioxane
 Concen: 3.691 ppbv
 RT: 7.85 min Scan# 1574
 Delta R.T. 0.02 min
 Lab File: VL036876.D
 Acq: 28 Apr 2021 12:05

Tgt Ion: 88 Resp: 119470
 Ion Ratio Lower Upper
 88 100
 58 0.0 132.6 198.8#
 43 0.0 331.5 497.3#
 57 0.0 1457.4 2186.0#





#41

Tetrahydrofuran

Concen: 9.878 ppbv

RT: 6.06 min Scan# 1019

Delta R.T. 0.02 min

Lab File: VL036876.D

Acq: 28 Apr 2021 12:05

Instrument :

MSVOA_L

ClientSampleId :

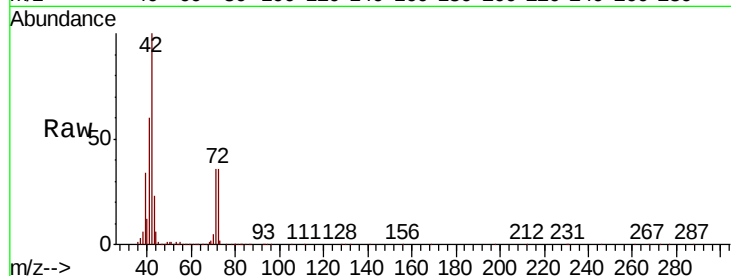
Tot Ion: 42 Resp: 751674

Ion Ratio Lower Upper

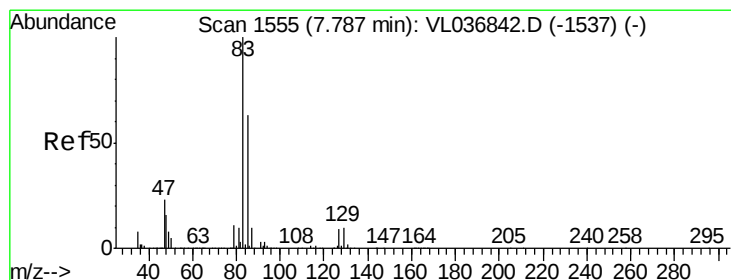
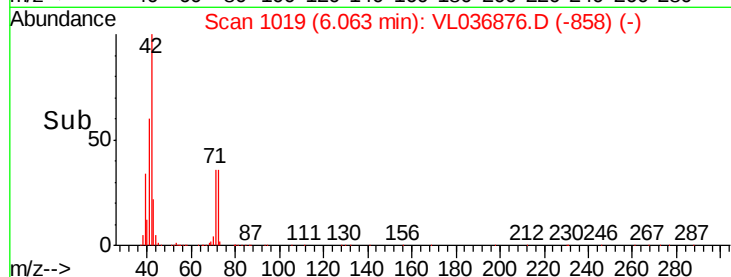
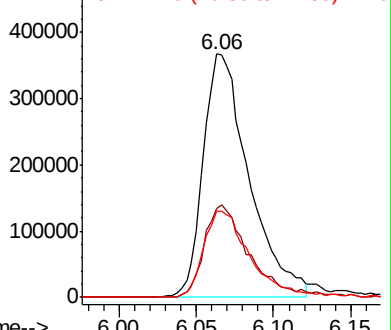
42 100

72 38.3 29.7 44.5

71 37.0 29.0 43.6



Abundance Ion 42.10 (41.80 to 42.80): VL0
Ion 72.10 (71.80 to 72.80): VL0
Ion 71.10 (70.80 to 71.80): VL0



#42

Bromodichloromethane

Concen: 10.422 ppbv

RT: 7.81 min Scan# 1562

Delta R.T. 0.02 min

Lab File: VL036876.D

Acq: 28 Apr 2021 12:05

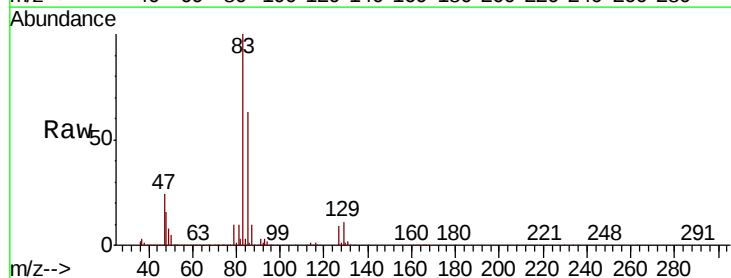
Tgt Ion: 83 Resp: 2743508

Ion Ratio Lower Upper

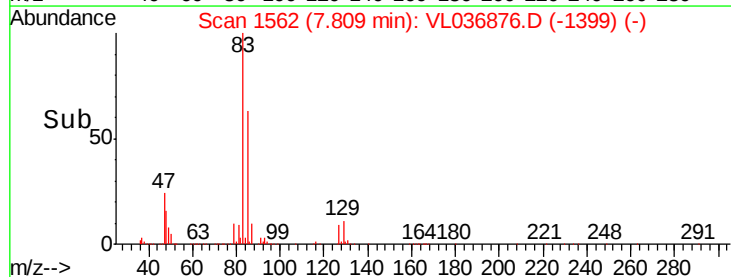
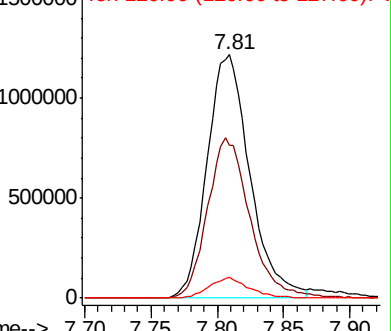
83 100

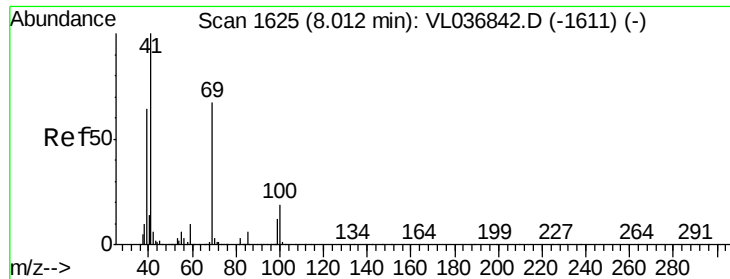
85 62.5 50.4 75.6

127 8.6 6.9 10.3



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0
Ion 126.90 (126.60 to 127.60): V

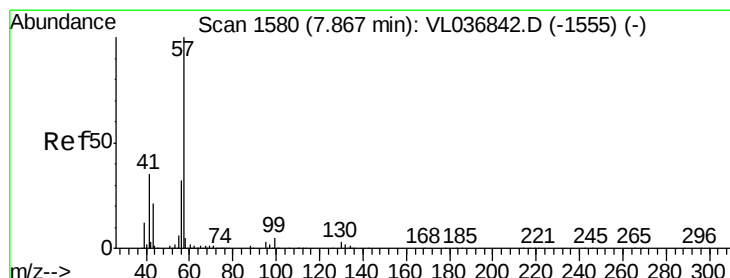
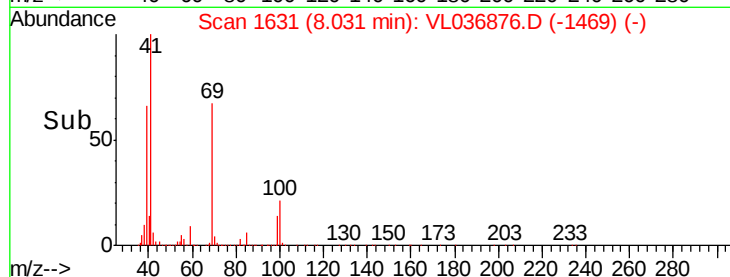
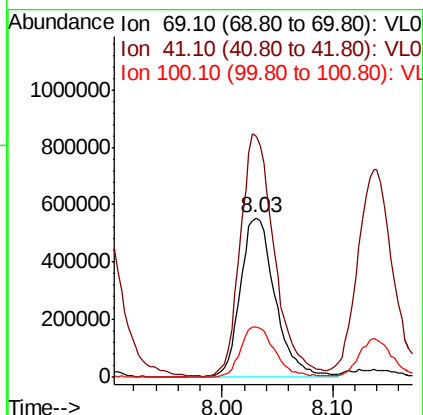
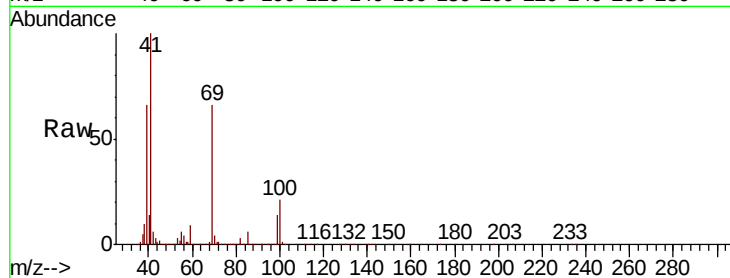




#43
Methyl Methacrylate
Concen: 11.127 ppbv
RT: 8.03 min Scan# 1631
Delta R.T. 0.02 min
Lab File: VL036876.D
Acq: 28 Apr 2021 12:05

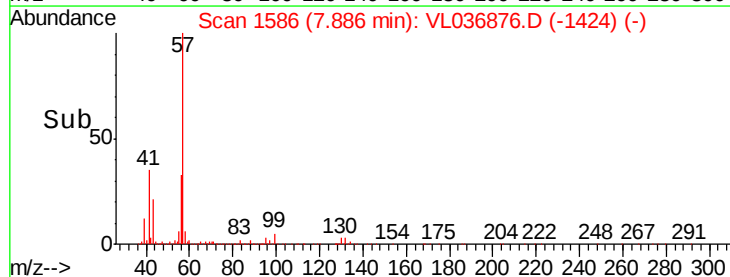
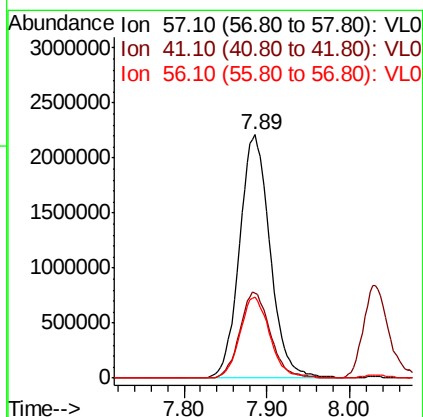
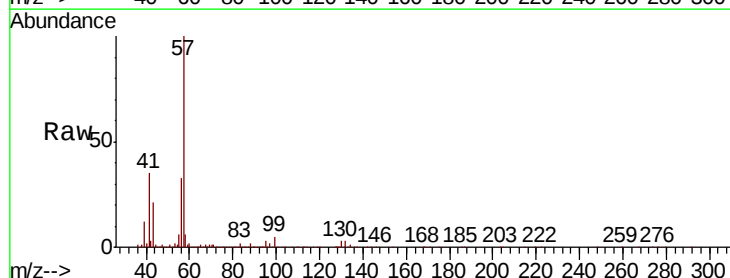
Instrument :
MSVOA_L
ClientSampled :

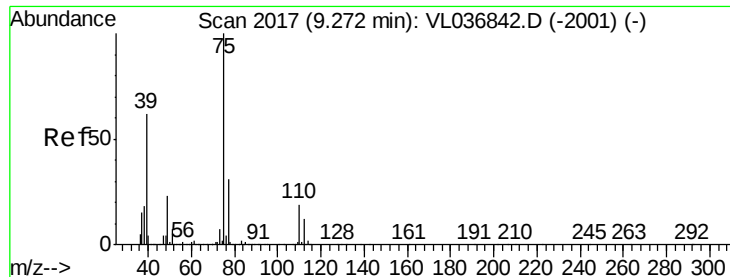
Tot Ion: 69 Resp: 1214835
Ion Ratio Lower Upper
69 100
41 149.7 124.2 186.4
100 31.4 25.5 38.3



#44
2,2,4-Trimethylpentane
Concen: 9.872 ppbv
RT: 7.89 min Scan# 1586
Delta R.T. 0.02 min
Lab File: VL036876.D
Acq: 28 Apr 2021 12:05

Tgt Ion: 57 Resp: 5660817
Ion Ratio Lower Upper
57 100
41 35.3 28.2 42.4
56 32.7 25.9 38.9

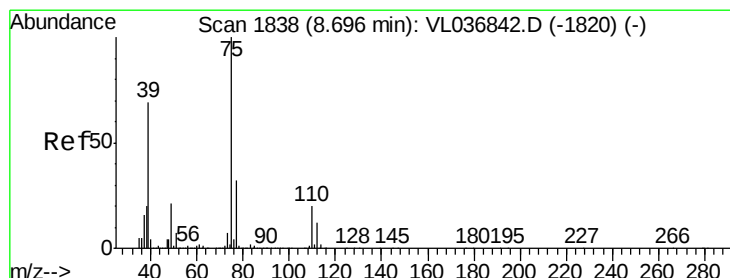
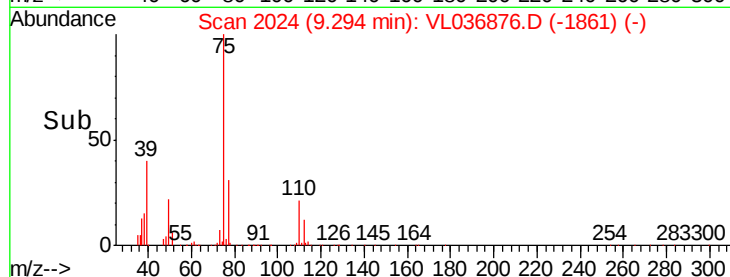
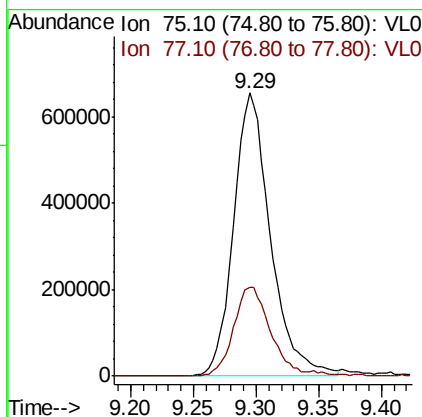
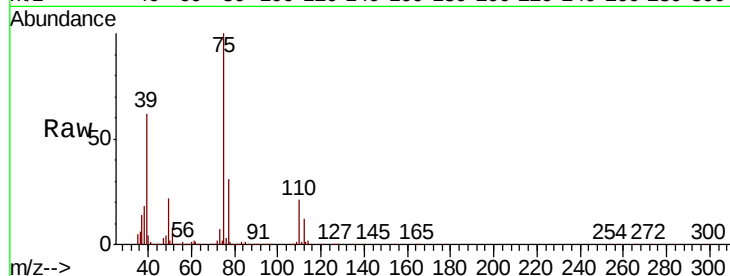




#45
t-1,3-Dichloropropene
Concen: 11.329 ppbv
RT: 9.29 min Scan# 2024
Delta R.T. 0.02 min
Lab File: VL036876.D
Acq: 28 Apr 2021 12:05

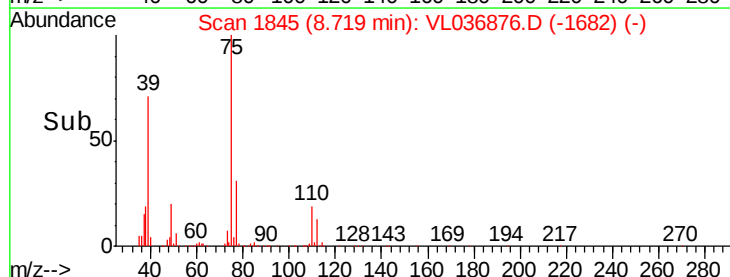
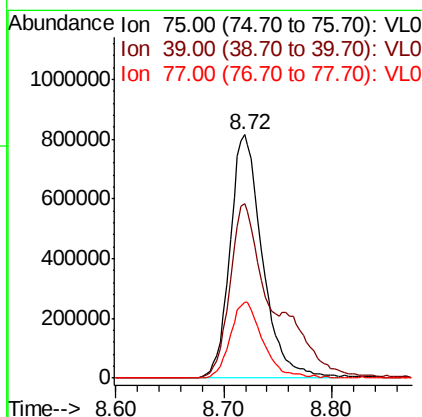
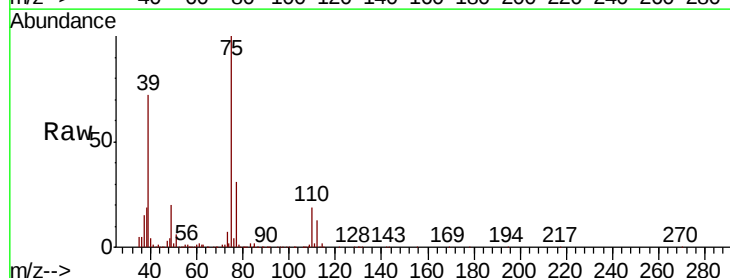
Instrument :
MSVOA_L
ClientSampleId :

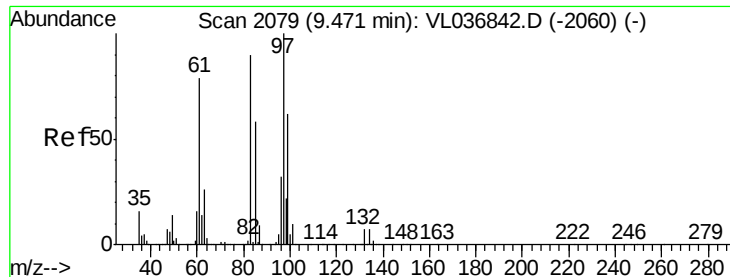
Tot Ion: 75 Resp: 1333269
Ion Ratio Lower Upper
75 100
77 31.2 24.6 37.0



#46
cis-1,3-Dichloropropene
Concen: 11.319 ppbv
RT: 8.72 min Scan# 1845
Delta R.T. 0.02 min
Lab File: VL036876.D
Acq: 28 Apr 2021 12:05

Tgt Ion: 75 Resp: 1708047
Ion Ratio Lower Upper
75 100
39 71.7 55.4 83.0
77 31.4 25.2 37.8



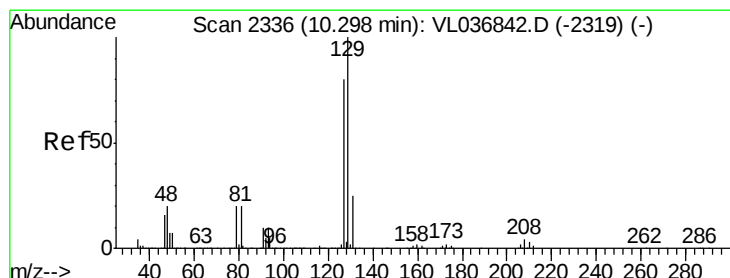
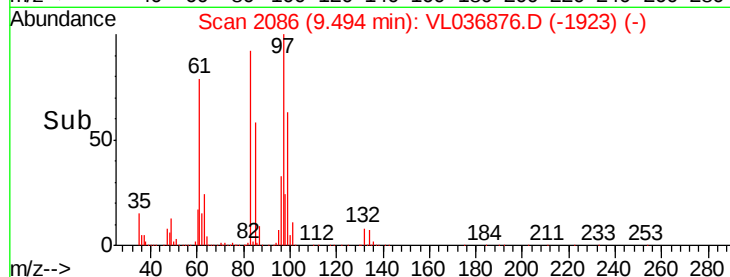
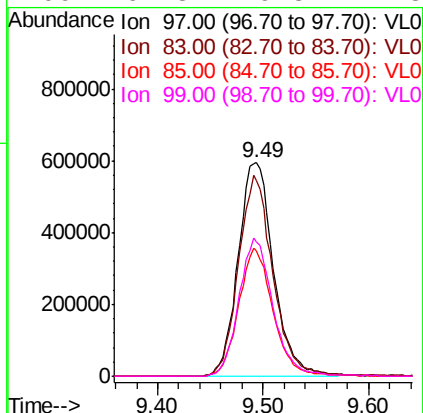
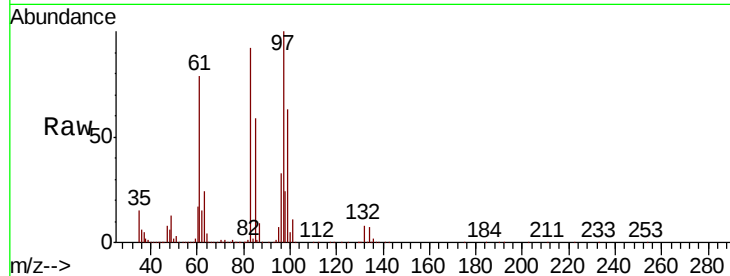


#47
 1,1,2-Trichloroethane
 Concen: 10.005 ppbv
 RT: 9.49 min Scan# 2086
 Delta R.T. 0.02 min
 Lab File: VL036876.D
 Acq: 28 Apr 2021 12:05

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 97 Resp: 1388484

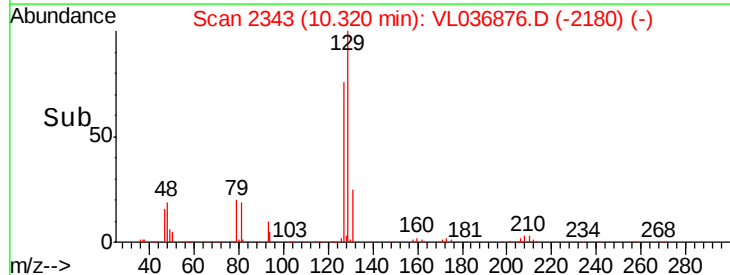
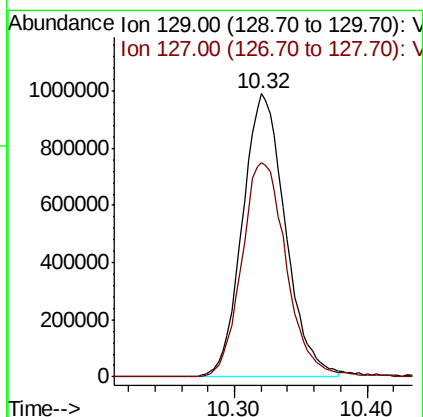
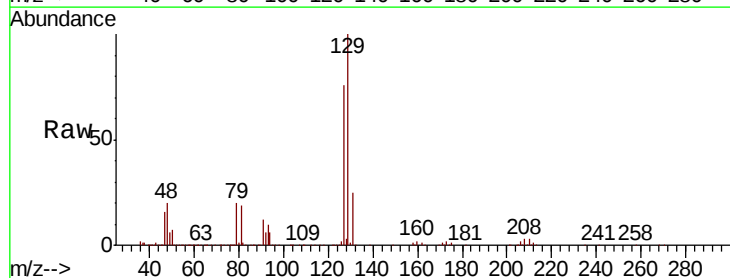
Ion	Ratio	Lower	Upper
97	100		
83	91.8	71.9	107.9
85	58.6	46.5	69.7
99	62.8	49.8	74.8

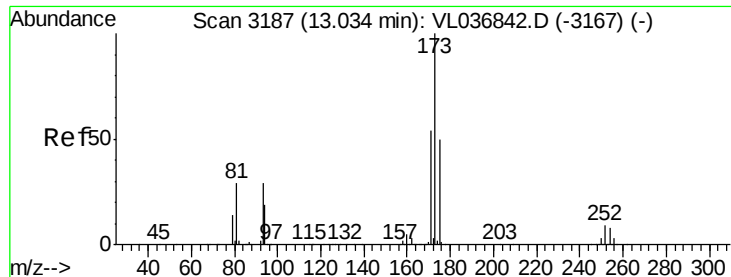


#48
 Dibromochloromethane
 Concen: 10.842 ppbv
 RT: 10.32 min Scan# 2343
 Delta R.T. 0.02 min
 Lab File: VL036876.D
 Acq: 28 Apr 2021 12:05

Tgt Ion: 129 Resp: 2229591

Ion	Ratio	Lower	Upper
129	100		
127	79.6	40.2	120.5





#49

Bromoform

Concen: 11.228 ppbv

RT: 13.06 min Scan# 3195

Delta R.T. 0.03 min

Lab File: VL036876.D

Acq: 28 Apr 2021 12:05

Instrument :

MSVOA_L

ClientSampled :

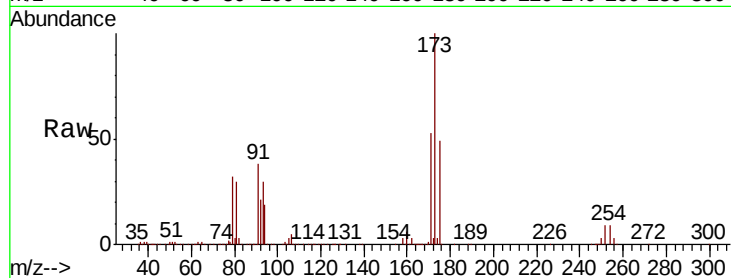
Tot Ion:173 Resp: 1843304

Ion Ratio Lower Upper

173 100

175 50.6 39.6 59.4

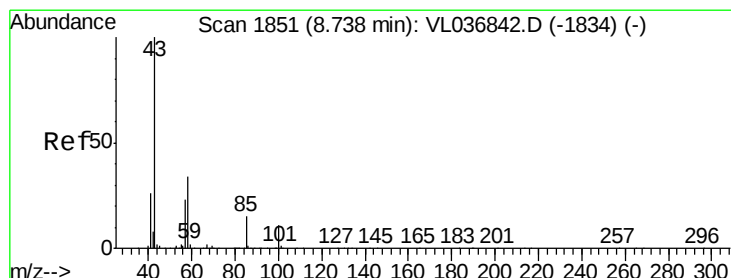
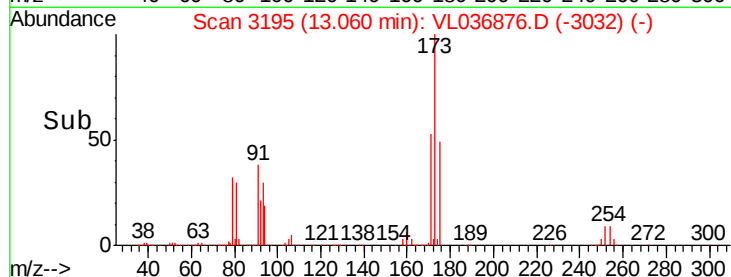
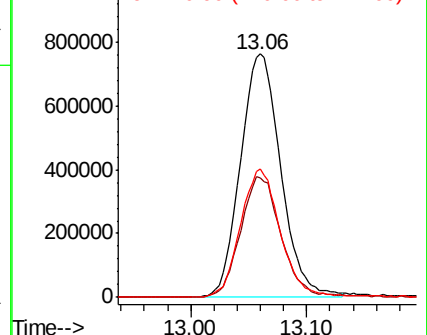
171 53.1 42.2 63.4



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 10.456 ppbv

RT: 8.76 min Scan# 1858

Delta R.T. 0.02 min

Lab File: VL036876.D

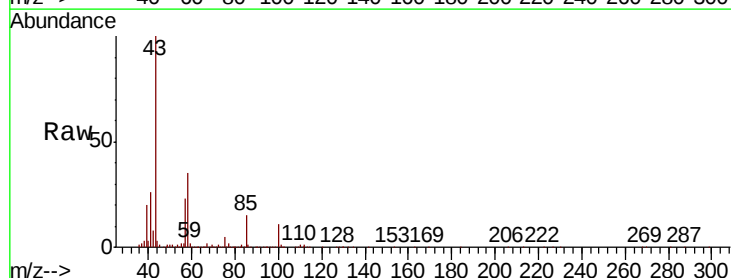
Acq: 28 Apr 2021 12:05

Tgt Ion: 43 Resp: 2486196

Ion Ratio Lower Upper

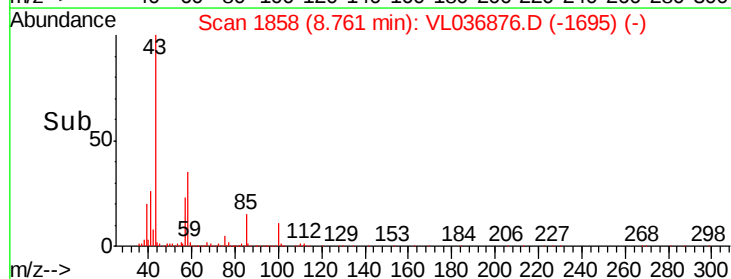
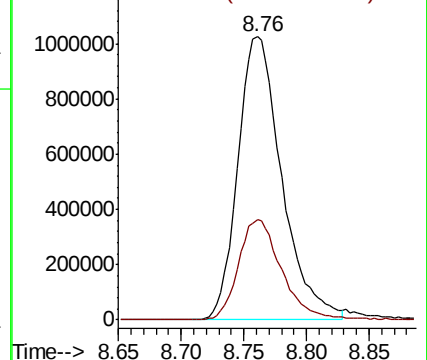
43 100

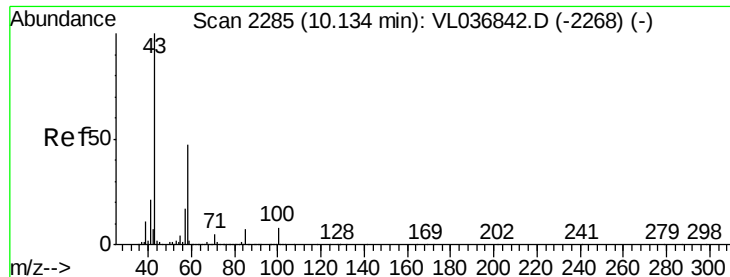
58 35.3 27.8 41.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 10.745 ppbv

RT: 10.15 min Scan# 2291

Delta R.T. 0.02 min

Lab File: VL036876.D

Acq: 28 Apr 2021 12:05

Instrument :

MSVOA_L

ClientSampleId :

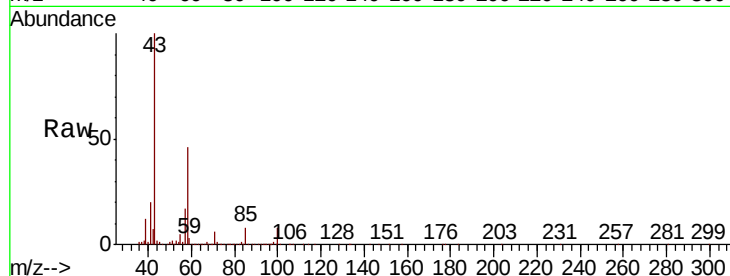
Tot Ion: 43 Resp: 1274256

Ion Ratio Lower Upper

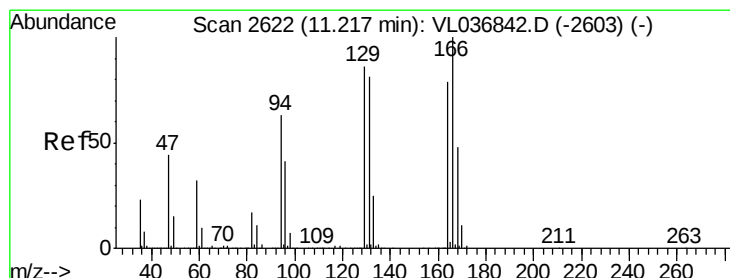
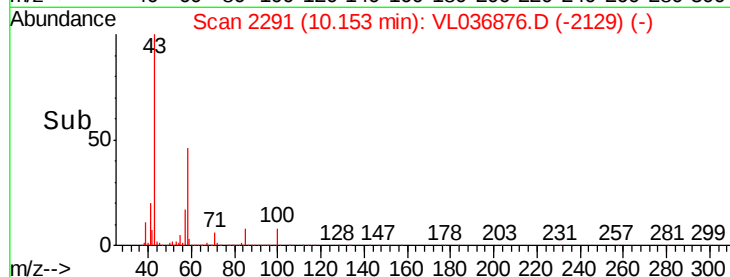
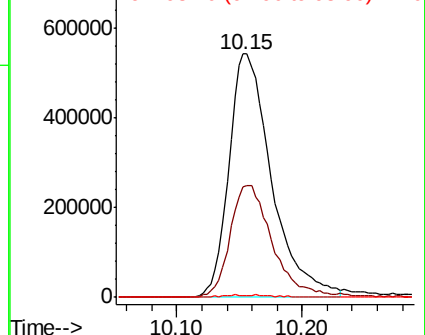
43 100

58 46.6 37.0 55.6

98 1.3 0.2 0.4#



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 98.20 (97.90 to 98.90): VL0



#52

Tetrachloroethene

Concen: 9.816 ppbv

RT: 11.24 min Scan# 2629

Delta R.T. 0.02 min

Lab File: VL036876.D

Acq: 28 Apr 2021 12:05

Tgt Ion:164 Resp: 1118399

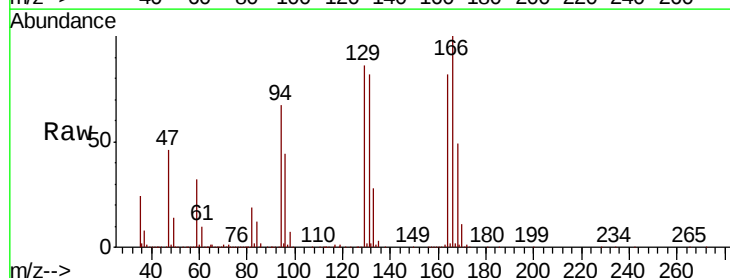
Ion Ratio Lower Upper

164 100

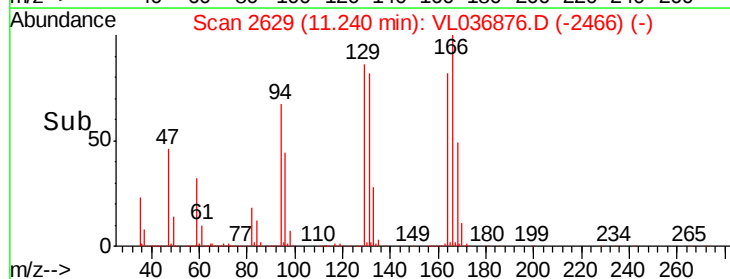
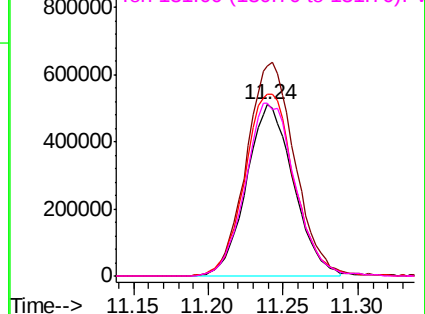
166 122.5 100.9 151.3

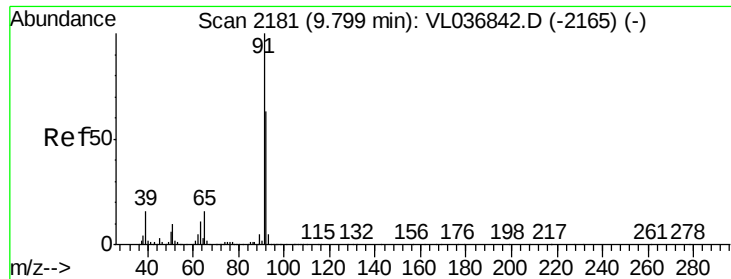
129 105.7 87.0 130.4

131 100.8 81.7 122.5



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V





#53

Toluene

Concen: 10.693 ppbv

RT: 9.82 min Scan# 2189

Delta R.T. 0.03 min

Lab File: VL036876.D

Acq: 28 Apr 2021 12:05

Instrument :

MSVOA_L

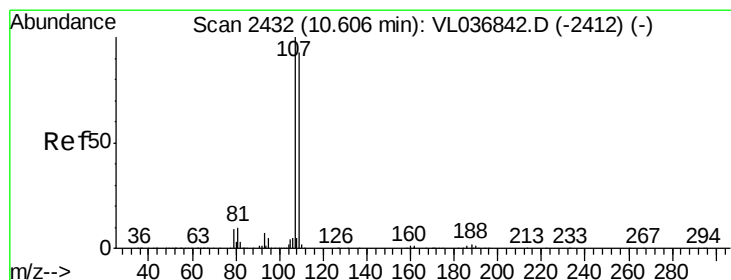
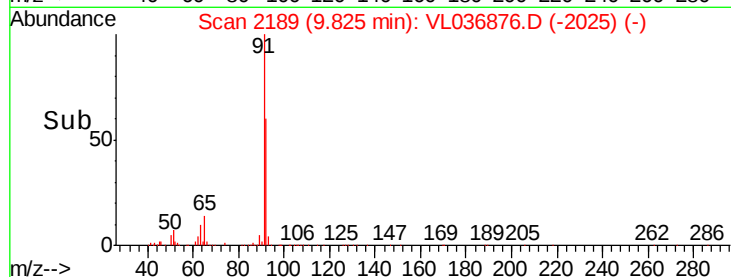
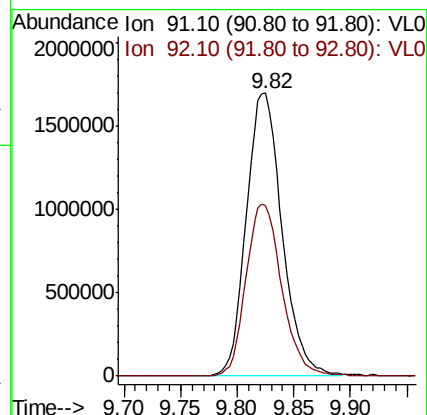
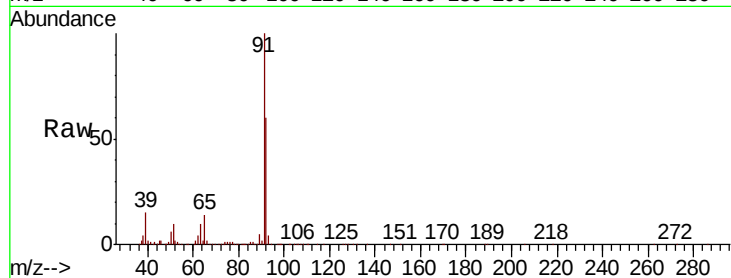
ClientSampleId :

Tot Ion: 91 Resp: 3743611

Ion Ratio Lower Upper

91 100

92 61.1 49.0 73.4



#54

1,2-Dibromoethane

Concen: 9.903 ppbv

RT: 10.63 min Scan# 2439

Delta R.T. 0.02 min

Lab File: VL036876.D

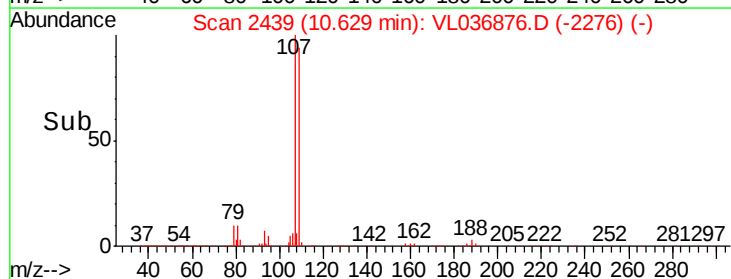
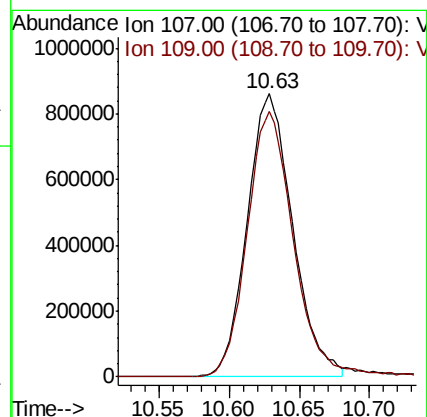
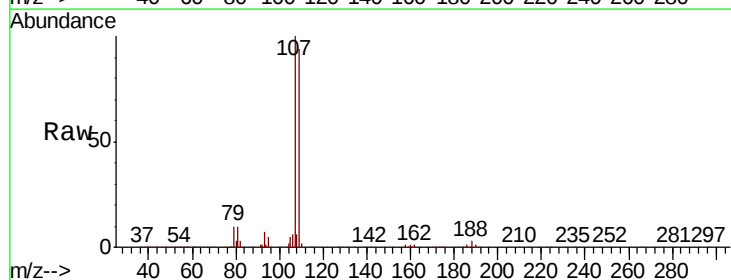
Acq: 28 Apr 2021 12:05

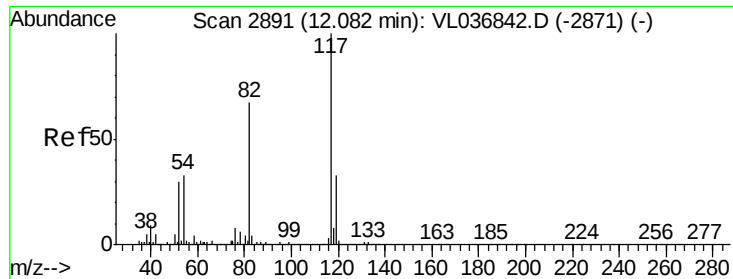
Tgt Ion: 107 Resp: 1940364

Ion Ratio Lower Upper

107 100

109 93.8 74.7 112.1

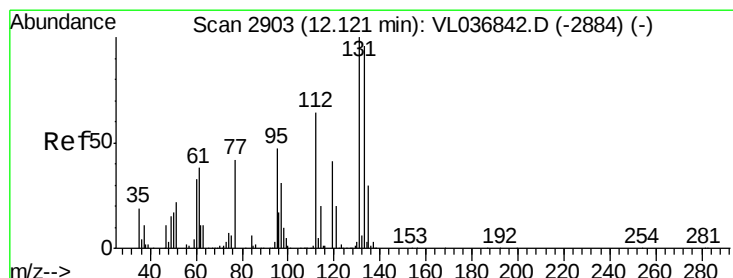
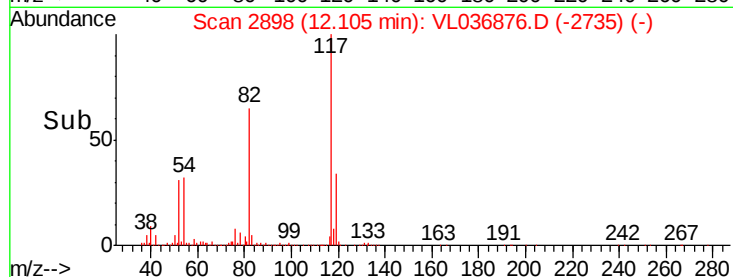
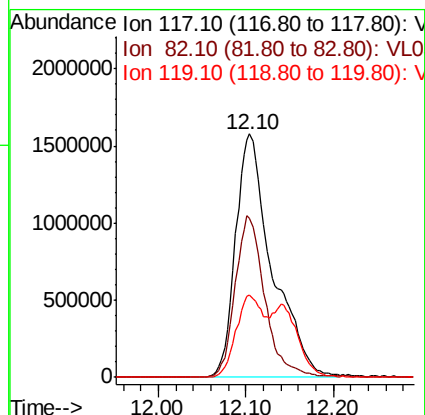
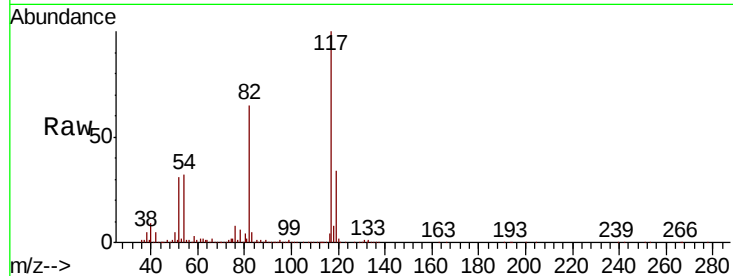




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. 0.02 min
Lab File: VL036876.D
Acq: 28 Apr 2021 12:05

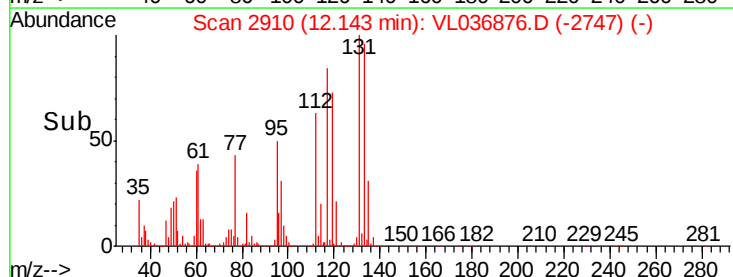
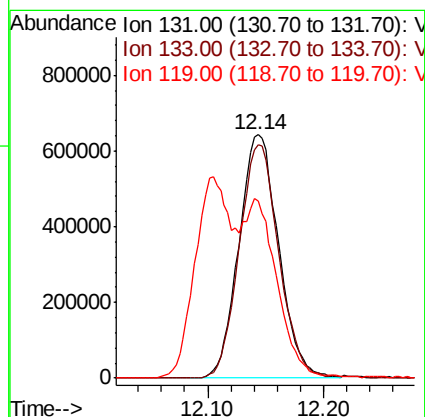
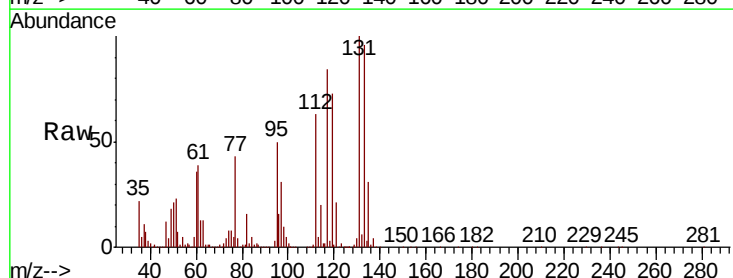
Instrument :
MSVOA_L
ClientSampleId :

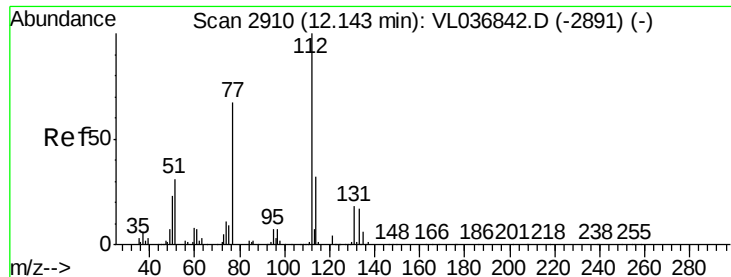
Tot Ion:117 Resp: 4576464
Ion Ratio Lower Upper
117 100
82 54.3 53.5 80.3
119 23.4 25.6 38.4#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.974 ppbv
RT: 12.14 min Scan# 2910
Delta R.T. 0.02 min
Lab File: VL036876.D
Acq: 28 Apr 2021 12:05

Tgt Ion:131 Resp: 1529893
Ion Ratio Lower Upper
131 100
133 96.2 76.3 114.5
119 142.3 114.9 172.3





#57

Chlorobenzene

Concen: 7.791 ppbv

RT: 12.16 min Scan# 2916

Delta R.T. 0.02 min

Lab File: VL036876.D

Acq: 28 Apr 2021 12:05

Instrument :

MSVOA_L

ClientSampleId :

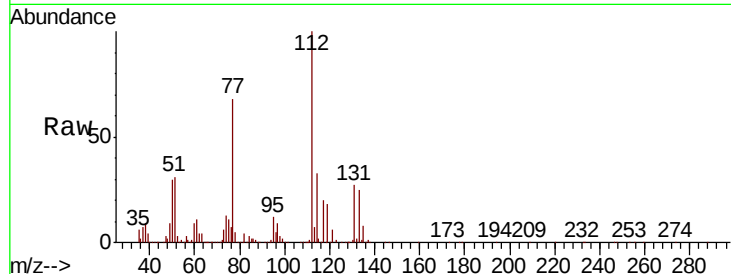
Tot Ion:112 Resp: 2777240

Ion Ratio Lower Upper

112 100

77 67.9 54.2 81.4

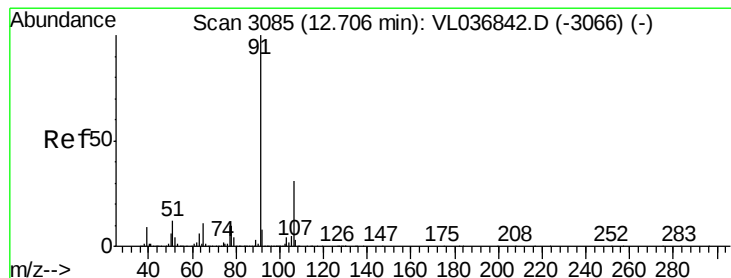
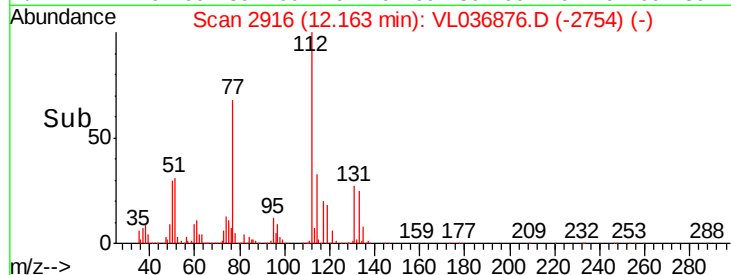
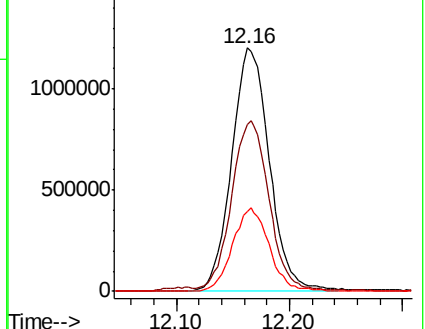
114 32.5 28.5 34.9



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: 8.615 ppbv

RT: 12.73 min Scan# 3092

Delta R.T. 0.02 min

Lab File: VL036876.D

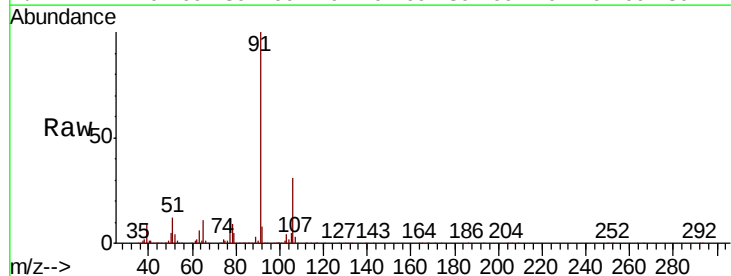
Acq: 28 Apr 2021 12:05

Tgt Ion: 91 Resp: 5000494

Ion Ratio Lower Upper

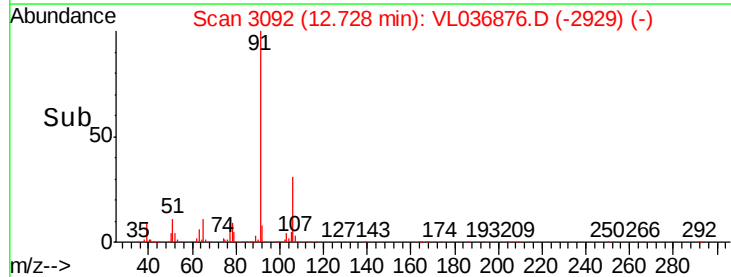
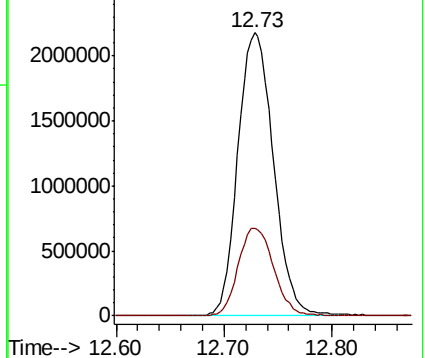
91 100

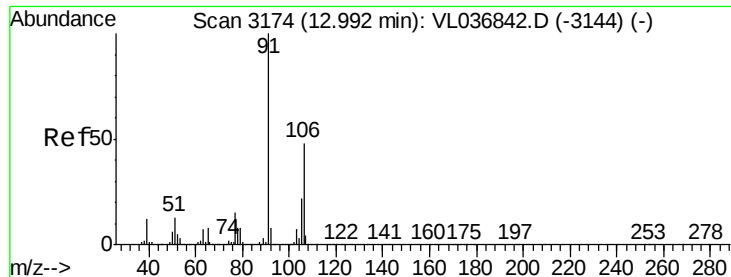
106 31.1 25.1 37.7



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#59

m/p-Xylene

Concen: 9.905 ppbv

RT: 13.01 min Scan# 3181

Delta R.T. 0.02 min

Lab File: VL036876.D

Acq: 28 Apr 2021 12:05

Instrument :

MSVOA_L

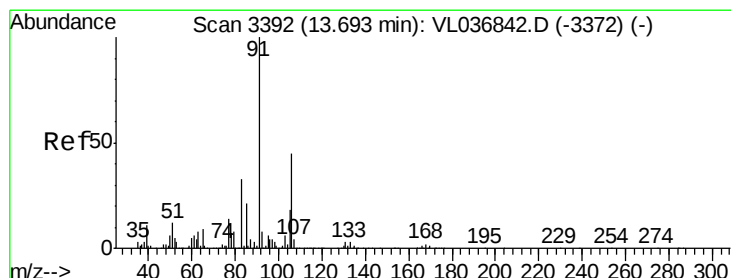
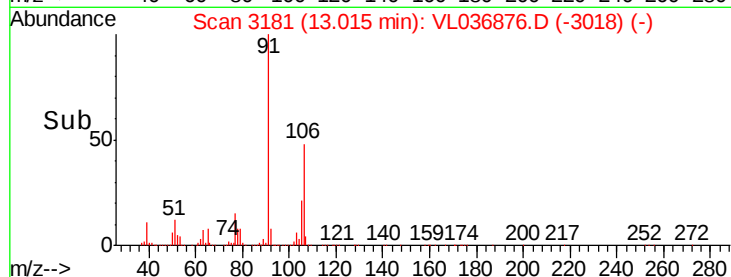
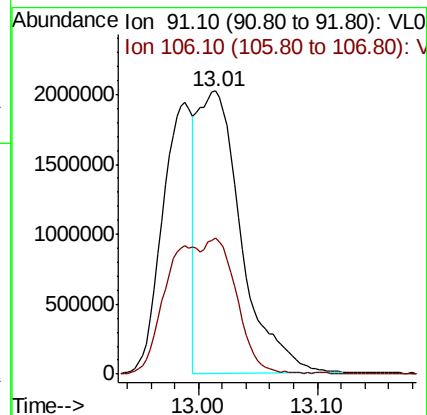
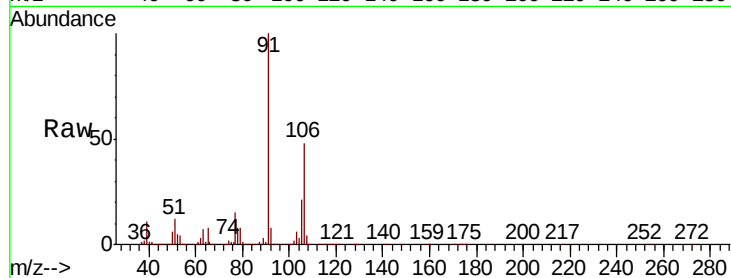
ClientSampled :

Tot Ion: 91 Resp: 5138857

Ion Ratio Lower Upper

91 100

106 74.7 35.8 53.6#



#60

o-Xylene

Concen: 8.044 ppbv

RT: 13.71 min Scan# 3398

Delta R.T. 0.02 min

Lab File: VL036876.D

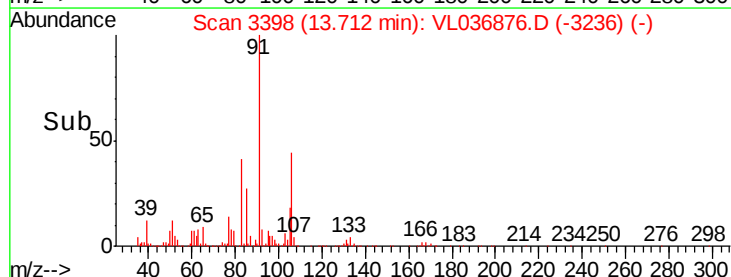
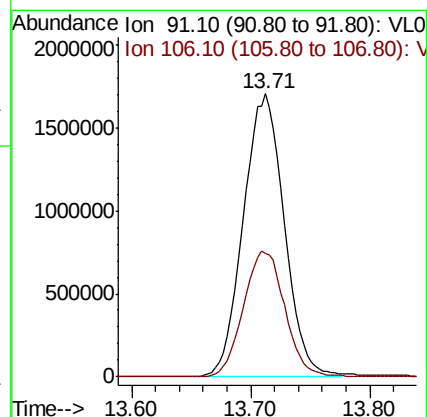
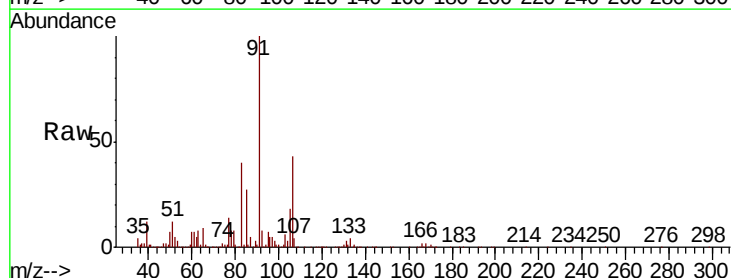
Acq: 28 Apr 2021 12:05

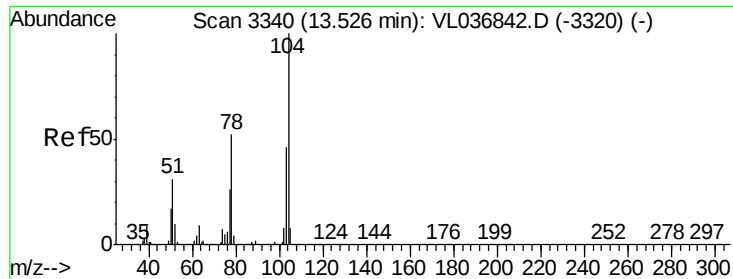
Tgt Ion: 91 Resp: 4035307

Ion Ratio Lower Upper

91 100

106 45.4 22.6 67.7





#61

Stvrene

Concen: 9.724 ppbv

RT: 13.55 min Scan# 3346

Delta R.T. 0.02 min

Lab File: VL036876.D

Acq: 28 Apr 2021 12:05

Instrument :

MSVOA_L

ClientSampleId :

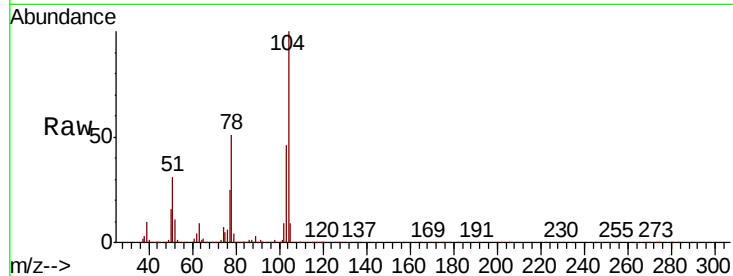
Tot Ion:104 Resp: 2290623

Ion Ratio Lower Upper

104 100

78 53.2 42.6 64.0

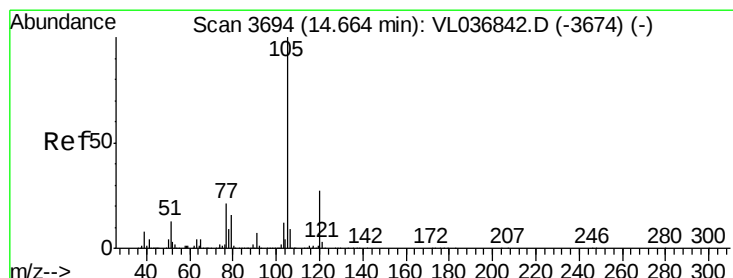
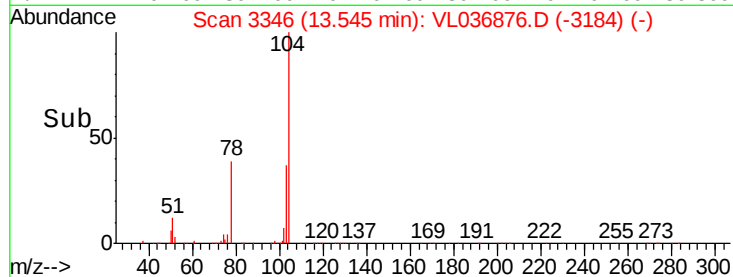
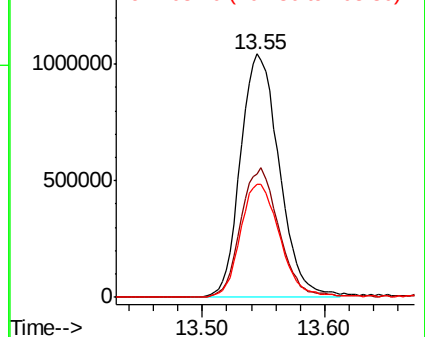
103 47.4 38.1 57.1



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 7.977 ppbv

RT: 14.69 min Scan# 3701

Delta R.T. 0.02 min

Lab File: VL036876.D

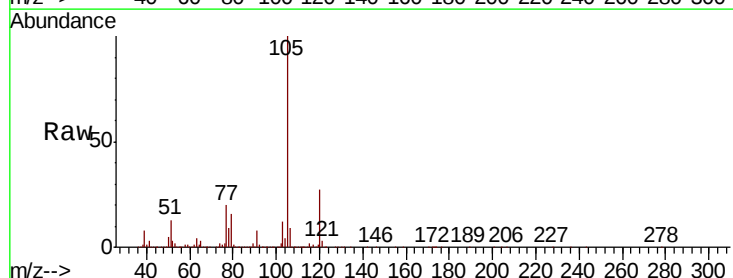
Acq: 28 Apr 2021 12:05

Tgt Ion:105 Resp: 5444006

Ion Ratio Lower Upper

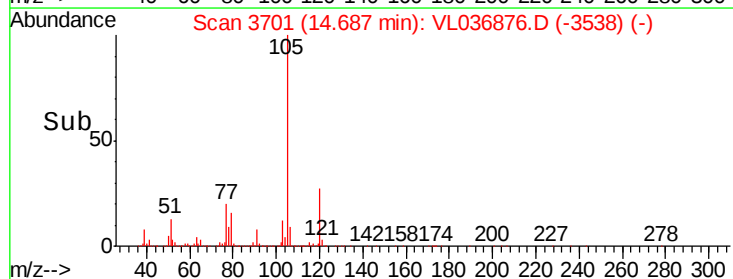
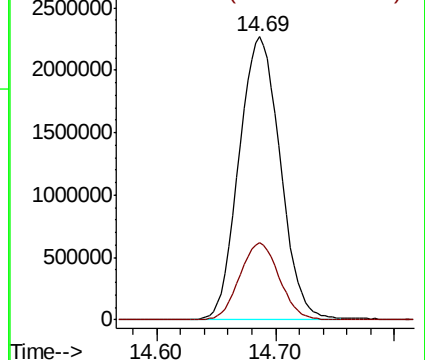
105 100

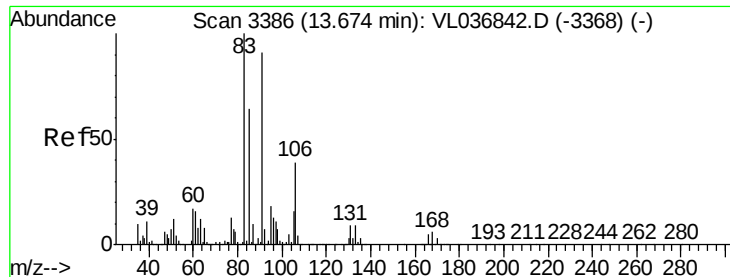
120 26.4 21.1 31.7



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#63

1,1,2,2-Tetrachloroethane

Concen: 7.490 ppbv

RT: 13.69 min Scan# 3392

Delta R.T. 0.02 min

Lab File: VL036876.D

Acq: 28 Apr 2021 12:05

Instrument :

MSVOA_L

ClientSampleId :

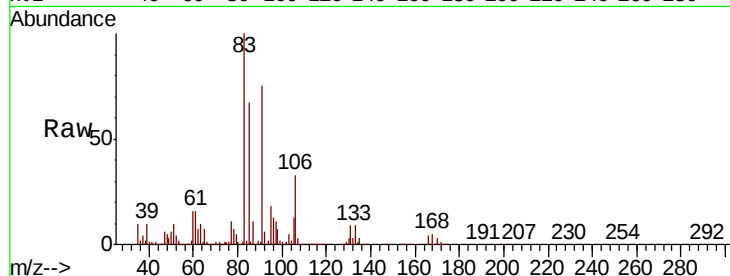
Tot Ion: 83 Resp: 3011772

Ion Ratio Lower Upper

83 100

131 9.1 4.8 14.3

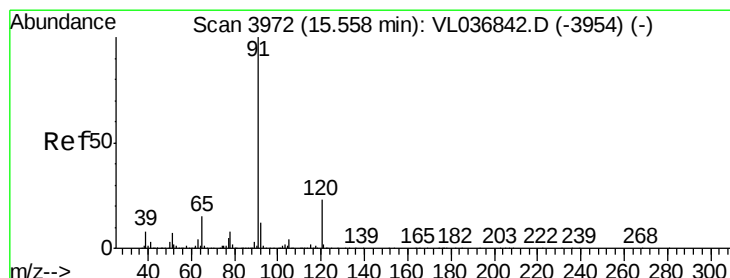
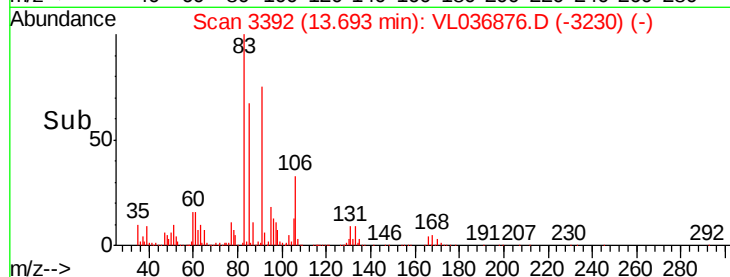
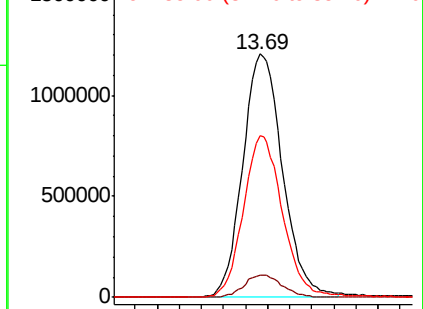
85 66.3 32.8 98.4



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 8.509 ppbv

RT: 15.58 min Scan# 3978

Delta R.T. 0.02 min

Lab File: VL036876.D

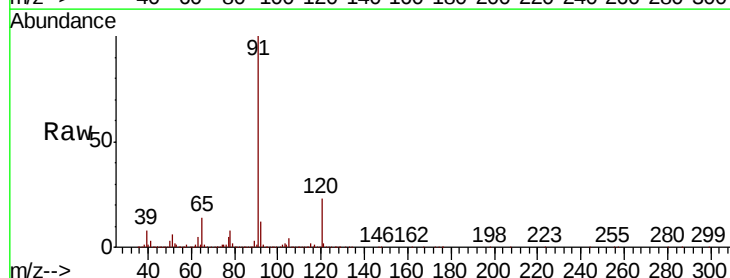
Acq: 28 Apr 2021 12:05

Tgt Ion:120 Resp: 1447396

Ion Ratio Lower Upper

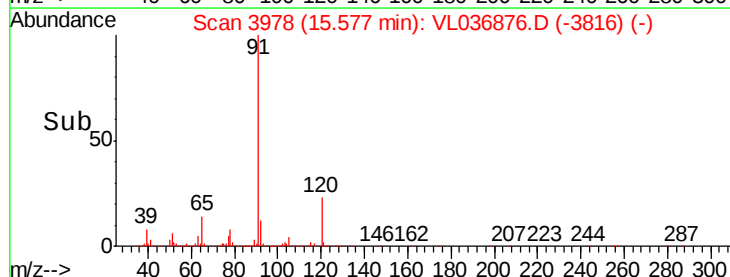
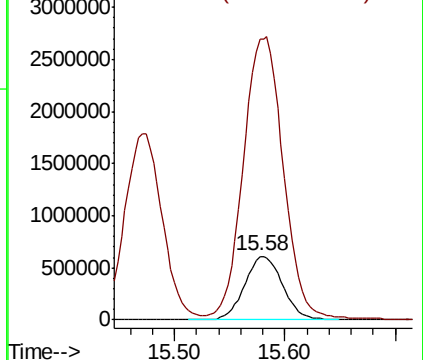
120 100

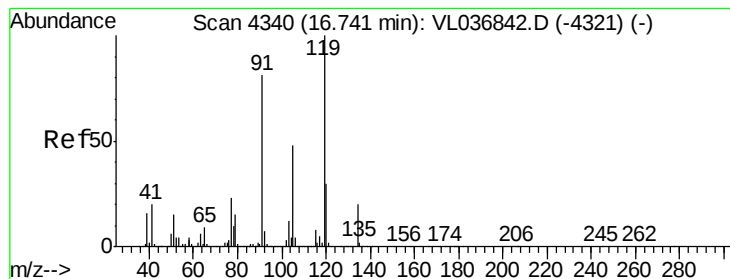
91 472.8 378.6 567.8



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0





#65

tert-Butylbenzene

Concen: 7.998 ppbv

RT: 16.76 min Scan# 4347

Delta R.T. 0.02 min

Lab File: VL036876.D

Acq: 28 Apr 2021 12:05

Instrument :

MSVOA_L

ClientSampleId :

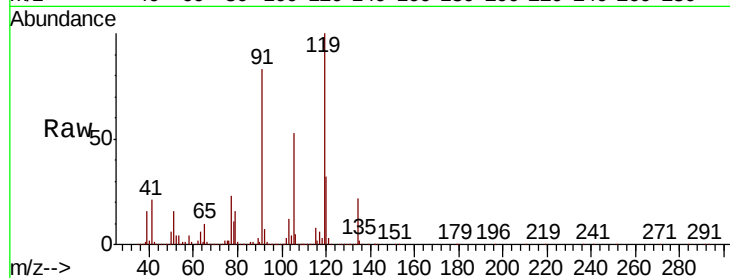
Tot Ion:119 Resp: 4826085

Ion Ratio Lower Upper

119 100

91 85.0 67.0 100.6

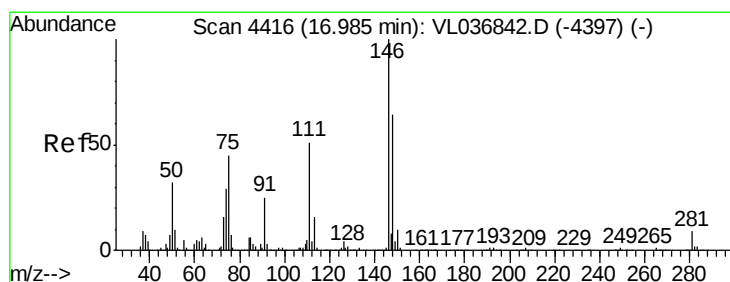
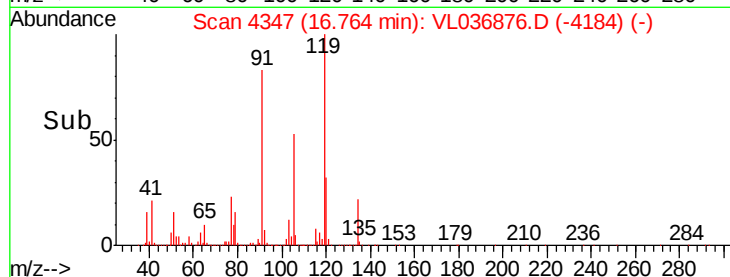
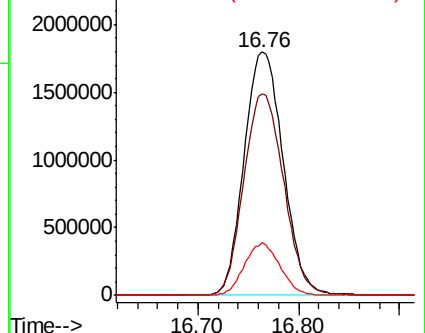
134 19.8 15.8 23.6



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 8.379 ppbv

RT: 17.00 min Scan# 4422

Delta R.T. 0.02 min

Lab File: VL036876.D

Acq: 28 Apr 2021 12:05

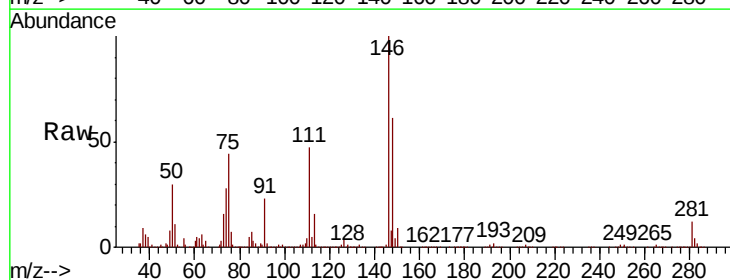
Tgt Ion: 91 Resp: 494402

Ion Ratio Lower Upper

91 100

126 17.1 14.1 21.1

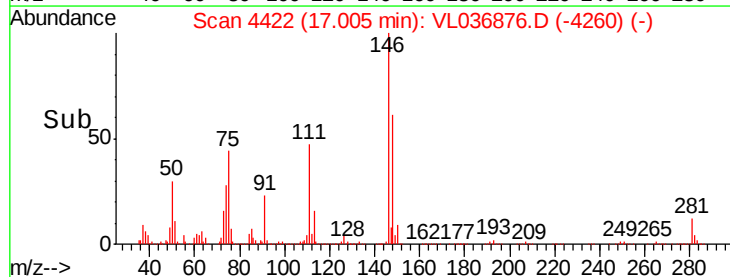
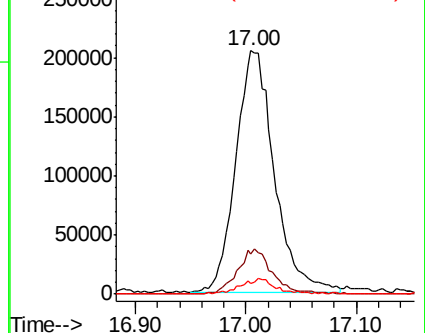
128 6.0 4.8 7.2

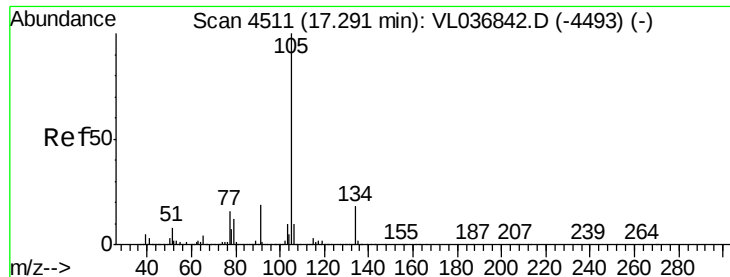


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 8.069 ppbv

RT: 17.31 min Scan# 4518

Delta R.T. 0.02 min

Lab File: VL036876.D

Acq: 28 Apr 2021 12:05

Instrument :

MSVOA_L

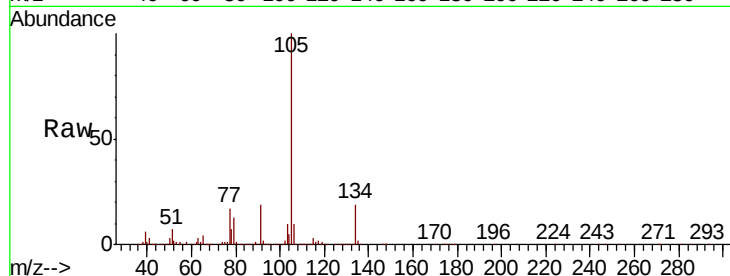
ClientSampleId :

Tot Ion:105 Resp: 6761193

Ion Ratio Lower Upper

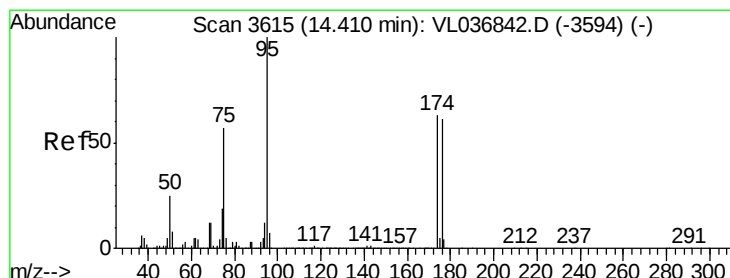
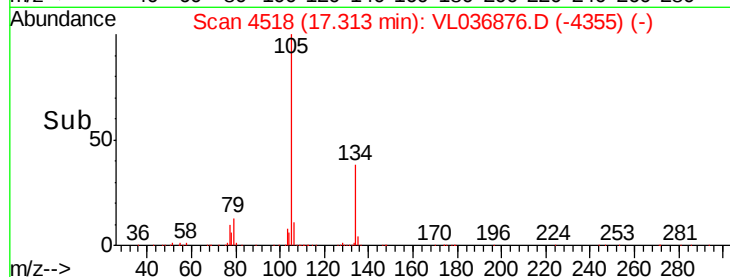
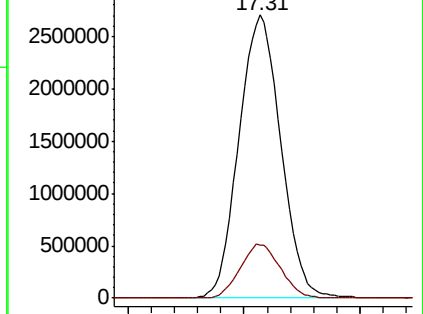
105 100

134 18.5 14.8 22.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 8.460 ppbv

RT: 14.44 min Scan# 3623

Delta R.T. 0.03 min

Lab File: VL036876.D

Acq: 28 Apr 2021 12:05

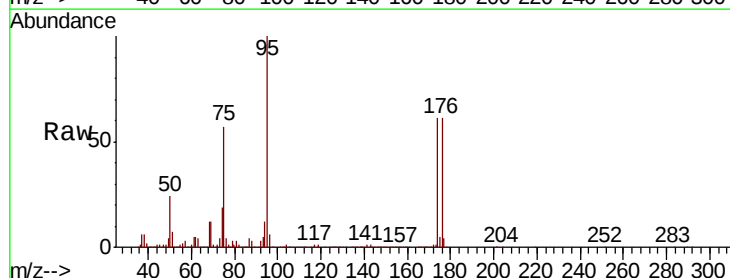
Tgt Ion: 95 Resp: 3107802

Ion Ratio Lower Upper

95 100

174 64.2 52.2 78.2

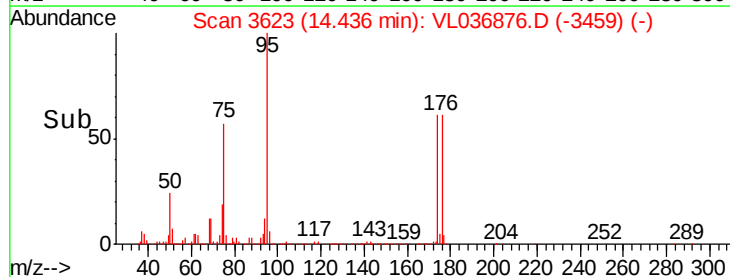
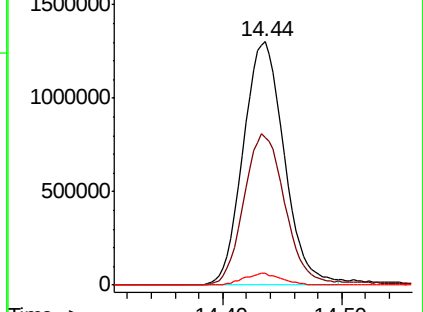
175 4.8 4.0 6.0

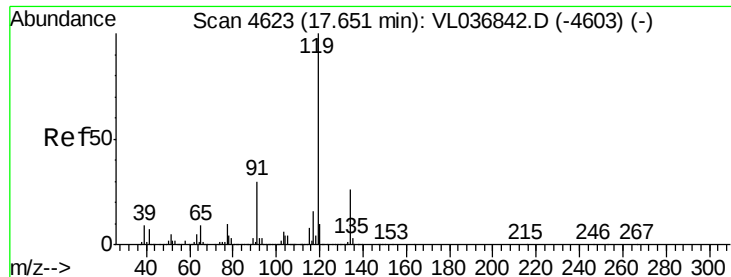


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

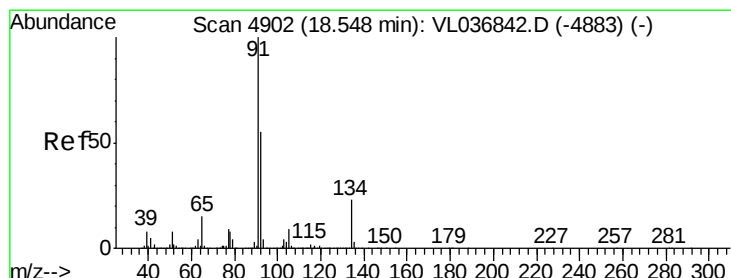
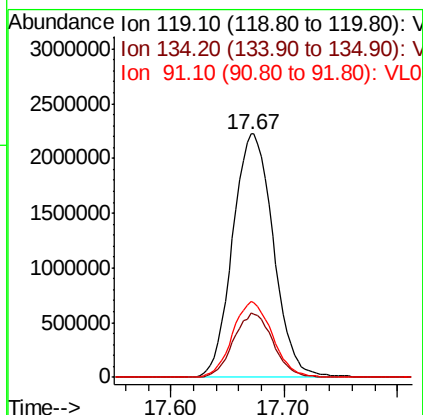
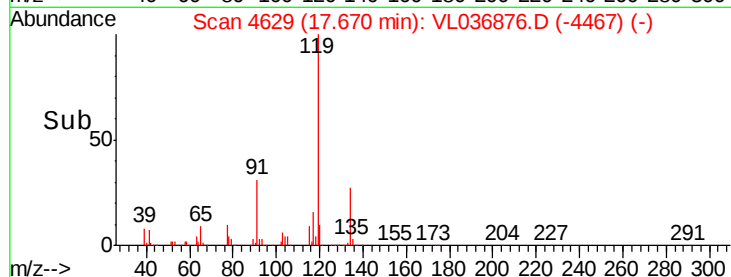
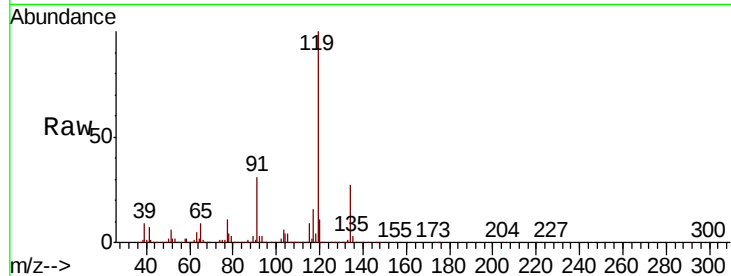




#69
 p-Isopropyltoluene
 Concen: 8.265 ppbv
 RT: 17.67 min Scan# 4629
 Delta R.T. 0.02 min
 Lab File: VL036876.D
 Acq: 28 Apr 2021 12:05

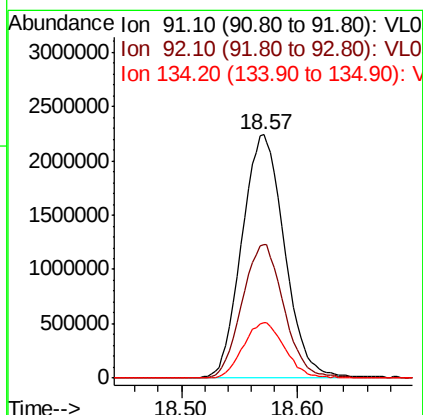
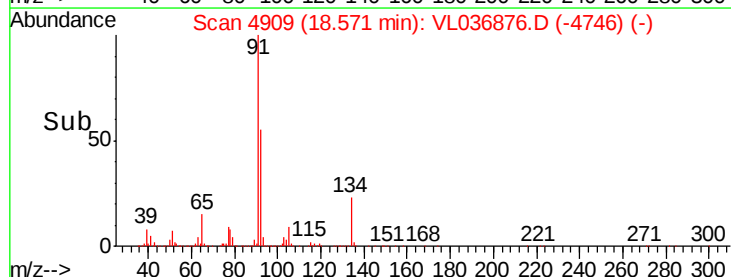
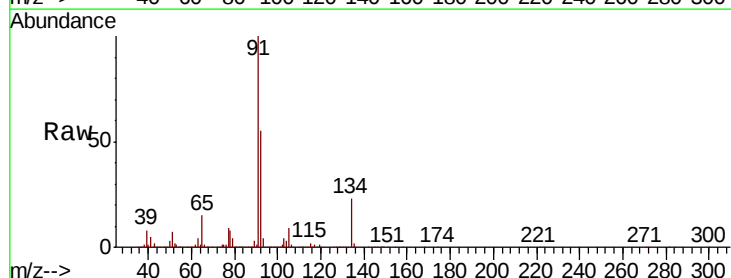
Instrument :
 MSVOA_L
 ClientSampled :

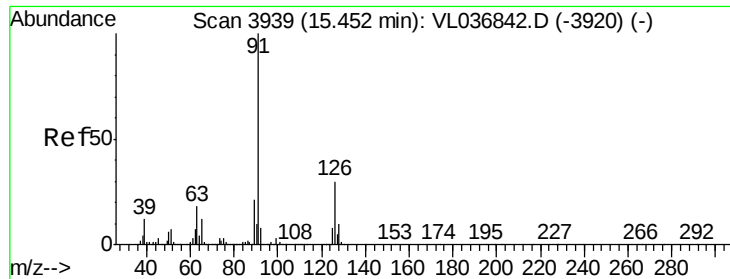
Tot Ion: 119 Resp: 5551829
 Ion Ratio Lower Upper
 119 100
 134 25.8 20.6 31.0
 91 30.6 24.2 36.4



#70
 n-Butylbenzene
 Concen: 8.425 ppbv
 RT: 18.57 min Scan# 4909
 Delta R.T. 0.02 min
 Lab File: VL036876.D
 Acq: 28 Apr 2021 12:05

Tgt Ion: 91 Resp: 5704636
 Ion Ratio Lower Upper
 91 100
 92 54.3 43.5 65.3
 134 22.5 18.2 27.4





#71

2-Chlorotoluene

Concen: 8.337 ppbv

RT: 15.47 min Scan# 3945

Delta R.T. 0.02 min

Lab File: VL036876.D

Acq: 28 Apr 2021 12:05

Instrument :

MSVOA_L

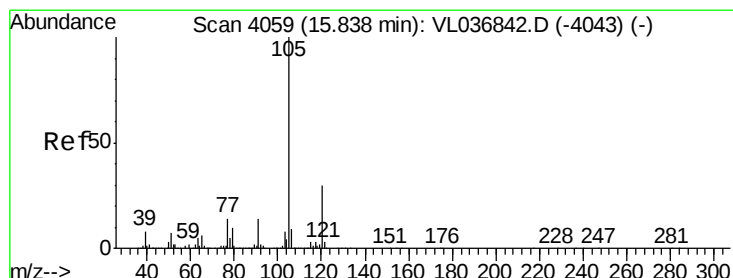
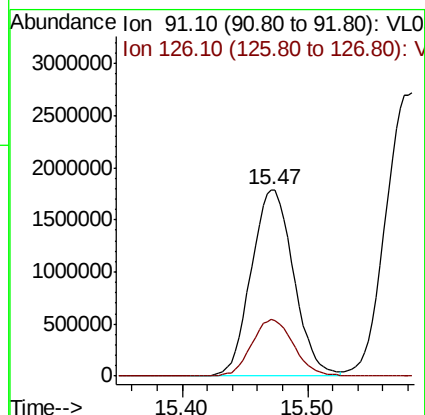
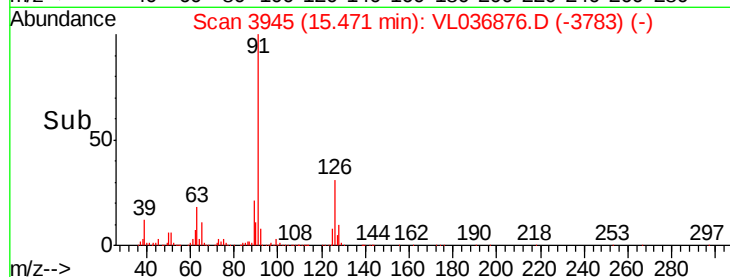
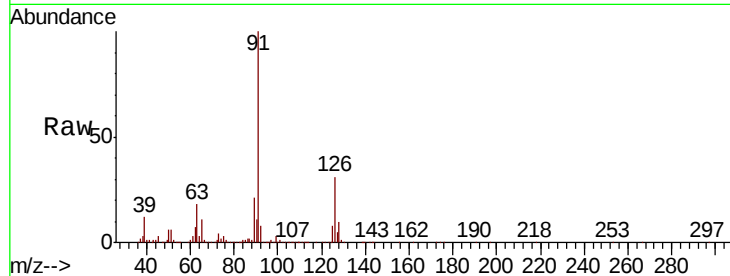
ClientSampleId :

Tot Ion: 91 Resp: 4213923

Ion Ratio Lower Upper

91 100

126 30.3 12.3 49.3



#72

4-Ethyltoluene

Concen: 8.878 ppbv

RT: 15.86 min Scan# 4065

Delta R.T. 0.02 min

Lab File: VL036876.D

Acq: 28 Apr 2021 12:05

Tgt Ion:105 Resp: 4780053

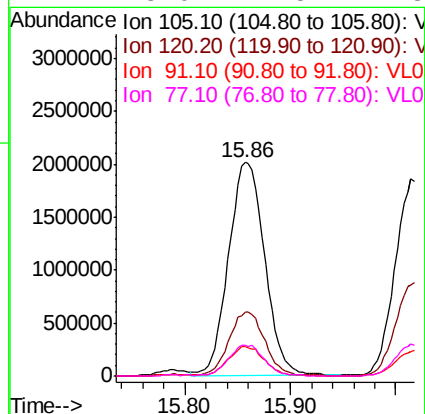
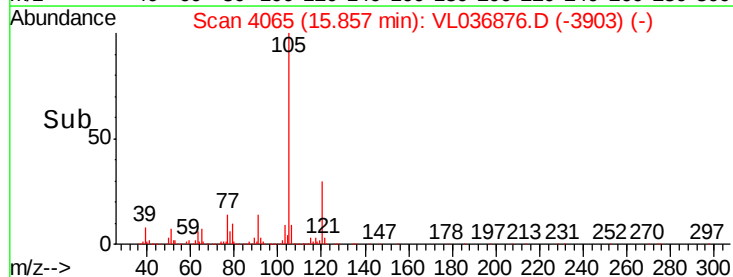
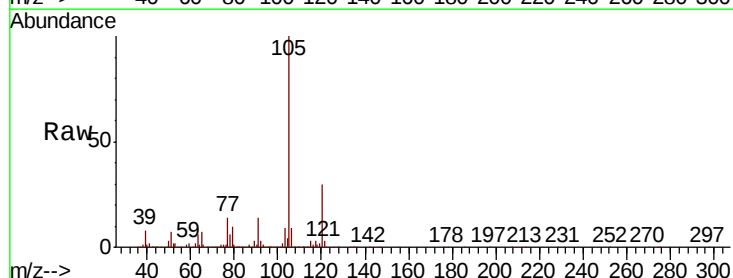
Ion Ratio Lower Upper

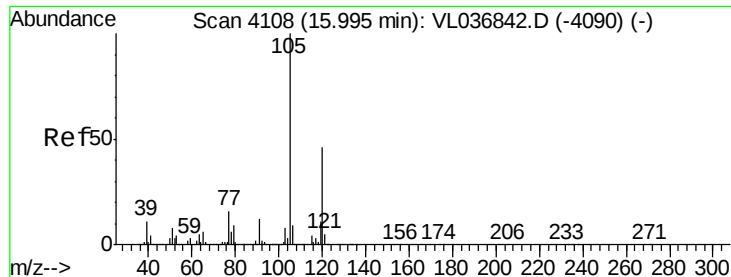
105 100

120 29.9 23.8 35.6

91 13.6 10.7 16.1

77 15.0 11.5 17.3

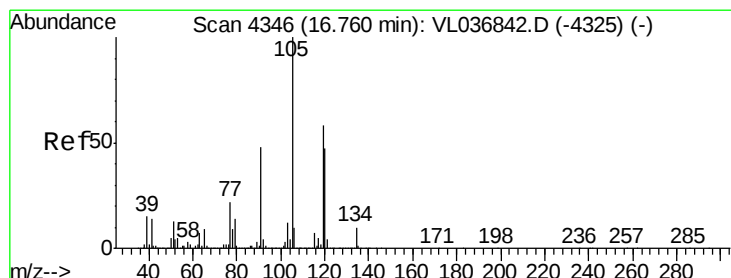
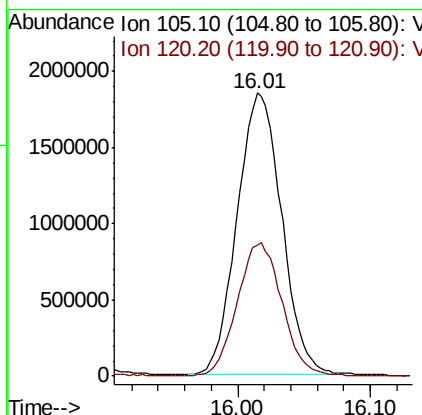
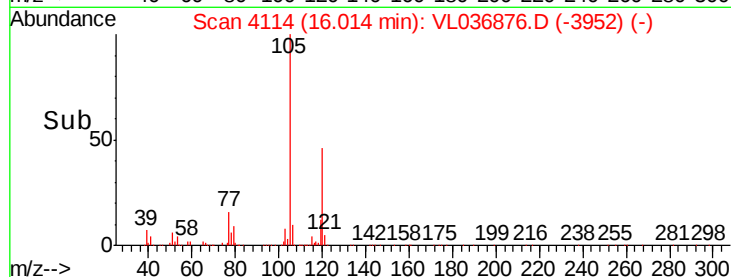
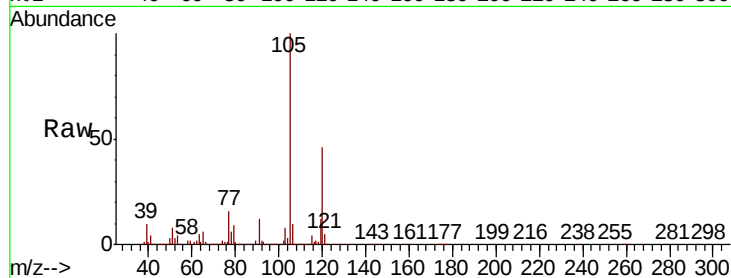




#73
 1,3,5-Trimethylbenzene
 Concen: 8.311 ppbv
 RT: 16.01 min Scan# 4114
 Delta R.T. 0.02 min
 Lab File: VL036876.D
 Acq: 28 Apr 2021 12:05

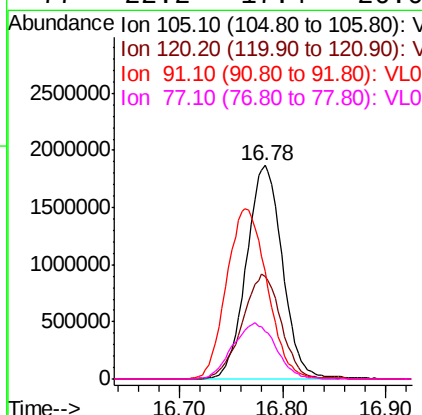
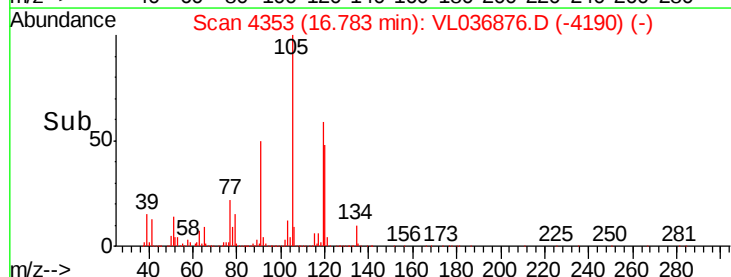
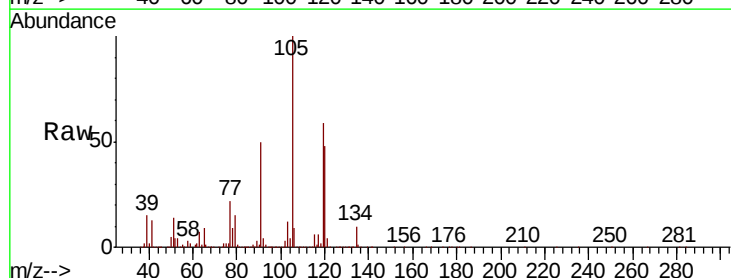
Instrument :
 MSVOA_L
 ClientSampleId :

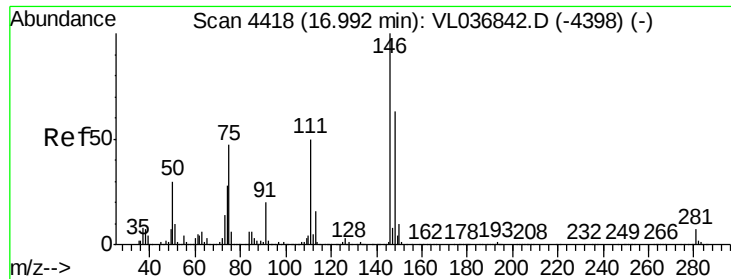
Tot Ion:105 Resp: 4339553
 Ion Ratio Lower Upper
 105 100
 120 46.3 36.8 55.2



#74
 1,2,4-Trimethylbenzene
 Concen: 8.144 ppbv
 RT: 16.78 min Scan# 4353
 Delta R.T. 0.02 min
 Lab File: VL036876.D
 Acq: 28 Apr 2021 12:05

Tgt Ion:105 Resp: 4517001
 Ion Ratio Lower Upper
 105 100
 120 47.7 37.6 56.4
 91 49.9 39.0 58.4
 77 22.2 17.4 26.0

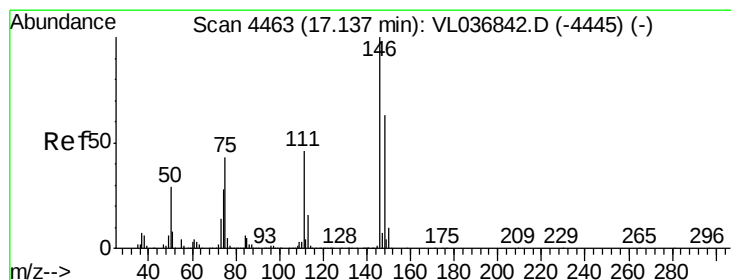
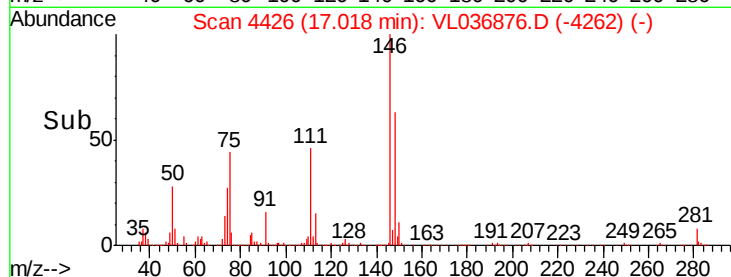
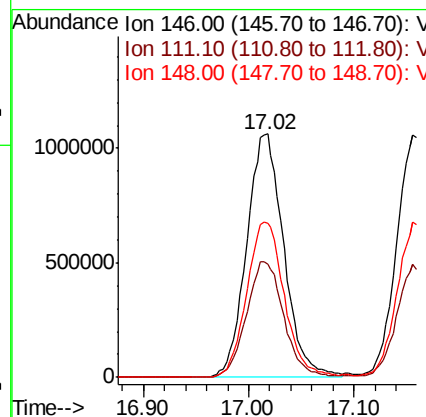
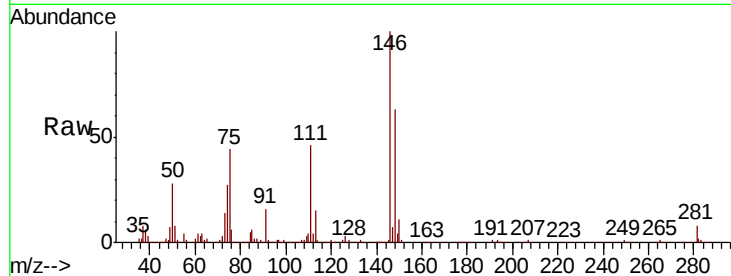




#75
 1,3-Dichlorobenzene
 Concen: 7.938 ppbv
 RT: 17.02 min Scan# 4426
 Delta R.T. 0.03 min
 Lab File: VL036876.D
 Acq: 28 Apr 2021 12:05

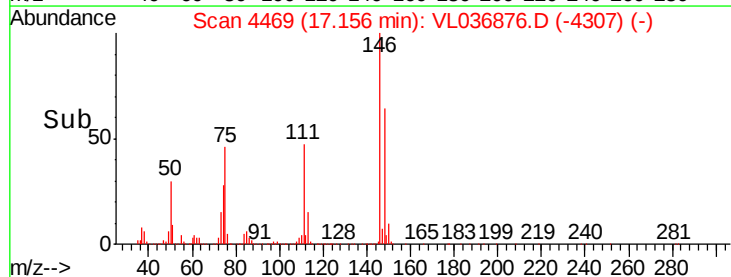
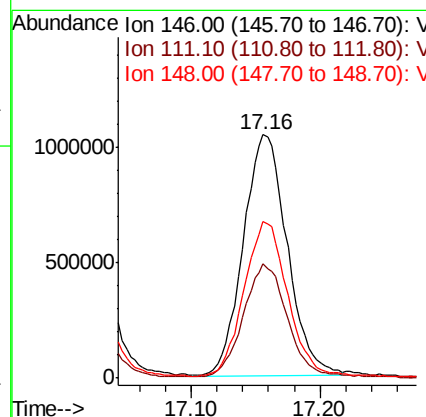
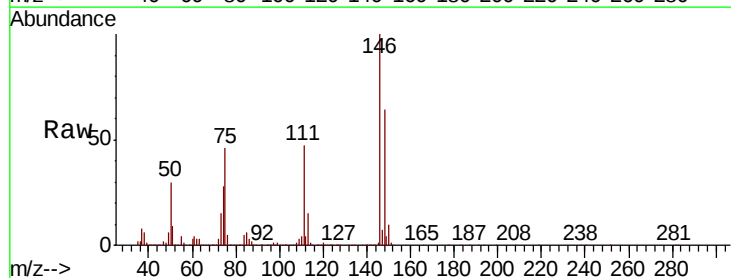
Instrument :
 MSVOA_L
 ClientSampleId :

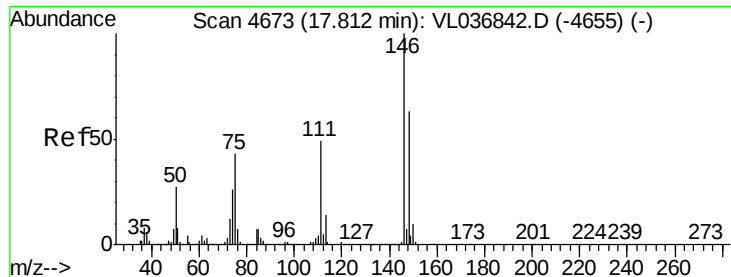
Tot Ion:146 Resp: 2602824
 Ion Ratio Lower Upper
 146 100
 111 48.1 24.2 72.6
 148 64.9 32.1 96.3



#76
 1,4-Dichlorobenzene
 Concen: 7.749 ppbv
 RT: 17.16 min Scan# 4469
 Delta R.T. 0.02 min
 Lab File: VL036876.D
 Acq: 28 Apr 2021 12:05

Tgt Ion:146 Resp: 2486365
 Ion Ratio Lower Upper
 146 100
 111 48.2 24.3 72.8
 148 65.2 32.4 97.0





#77

1,2-Dichlorobenzene

Concen: 7.838 ppbv

RT: 17.84 min Scan# 4681

Delta R.T. 0.03 min

Lab File: VL036876.D

Acq: 28 Apr 2021 12:05

Instrument :

MSVOA_L

ClientSampleId :

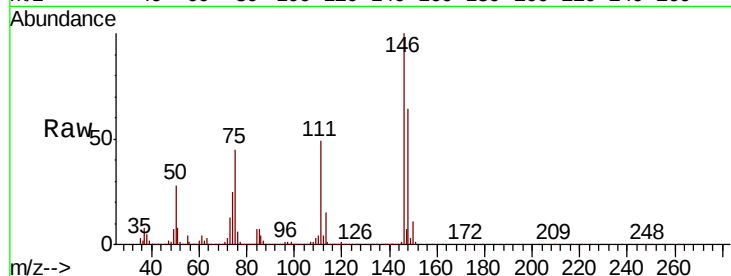
Tot Ion:146 Resp: 2509990

Ion Ratio Lower Upper

146 100

111 49.2 25.0 75.0

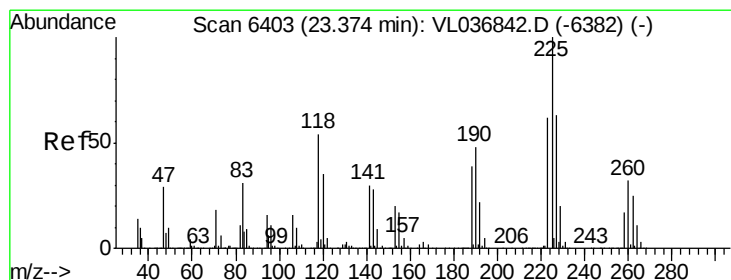
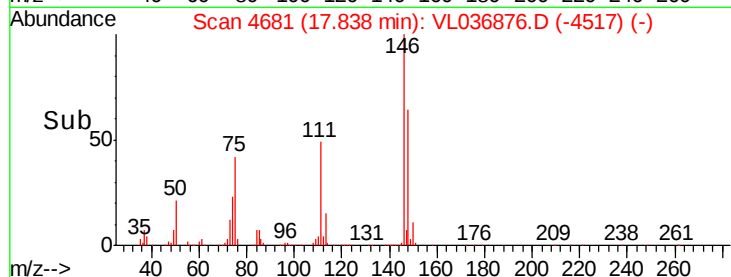
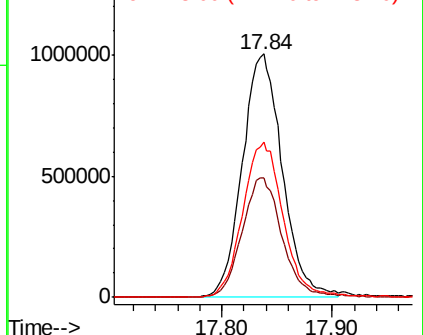
148 64.4 32.4 97.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#78

Hexachloro-1,3-Butadiene

Concen: 6.504 ppbv

RT: 23.40 min Scan# 6410

Delta R.T. 0.02 min

Lab File: VL036876.D

Acq: 28 Apr 2021 12:05

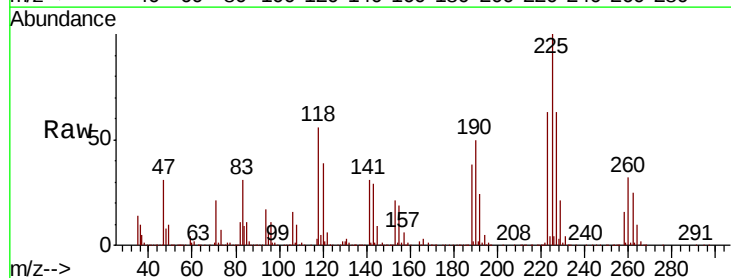
Tgt Ion:225 Resp: 1769854

Ion Ratio Lower Upper

225 100

223 64.8 51.2 76.8

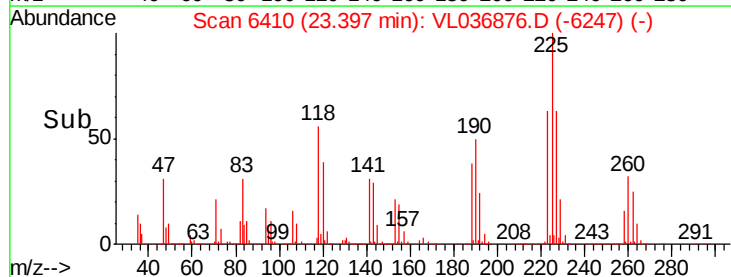
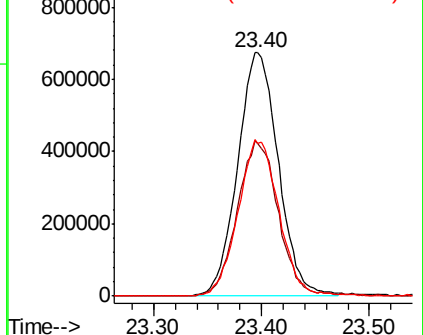
227 64.7 51.8 77.6

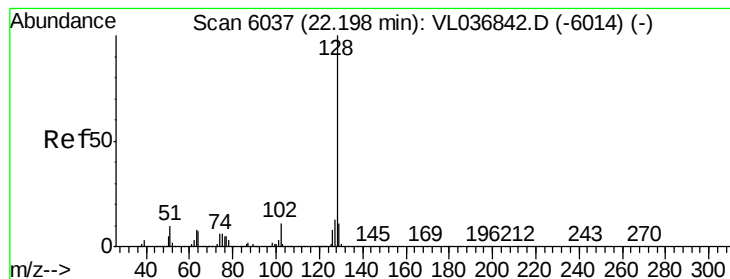


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V





#79

Naphthalene

Concen: 3.977 ppbv

RT: 22.23 min Scan# 6046

Delta R.T. 0.03 min

Lab File: VL036876.D

Acq: 28 Apr 2021 12:05

Instrument :

MSVOA_L

ClientSampleId :

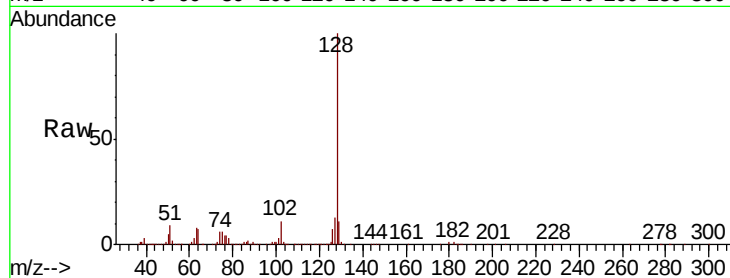
Tot Ion:128 Resp: 1235499

Ion Ratio Lower Upper

128 100

127 12.6 10.6 15.8

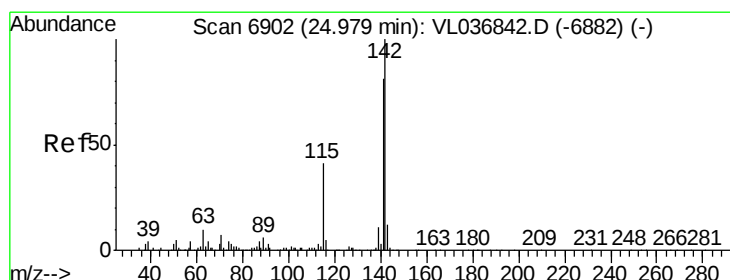
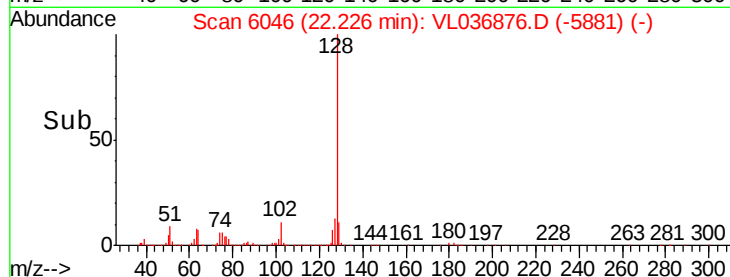
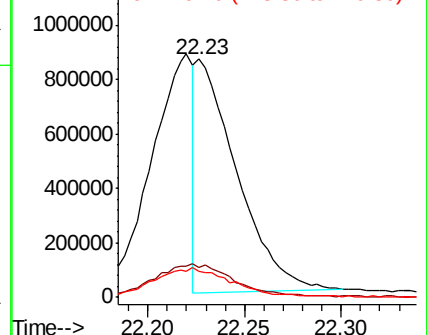
129 11.0 9.0 13.4



Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 8.966 ppbv

RT: 25.00 min Scan# 6908

Delta R.T. 0.02 min

Lab File: VL036876.D

Acq: 28 Apr 2021 12:05

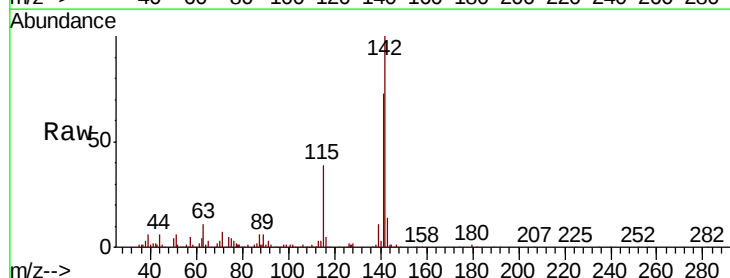
Tgt Ion:142 Resp: 307136

Ion Ratio Lower Upper

142 100

141 82.8 62.6 93.8

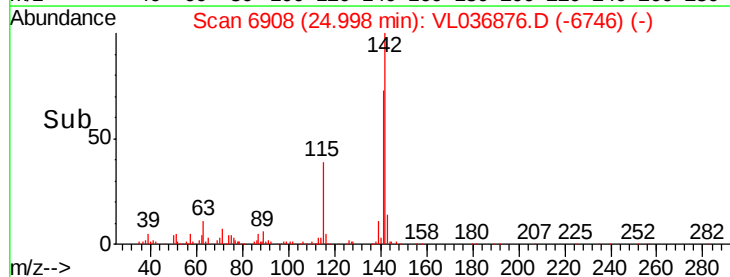
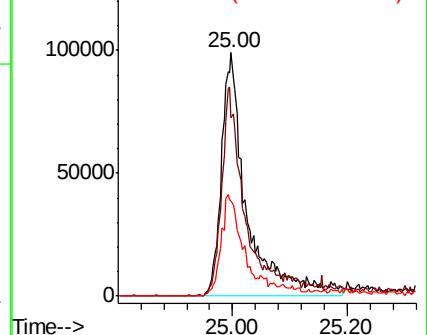
115 40.7 32.0 48.0

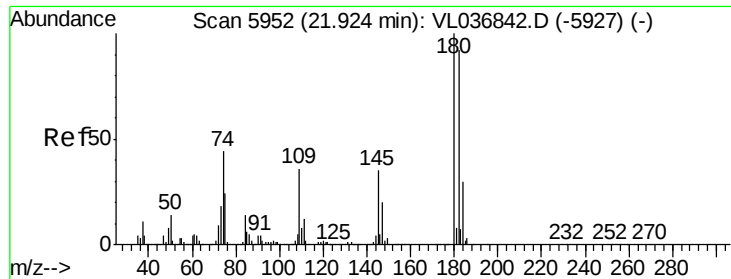


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V

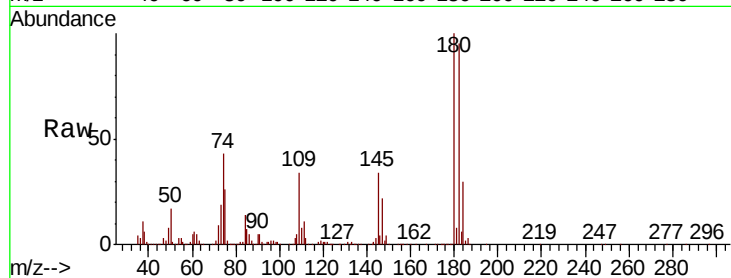




#81
 1,2,4-Trichlorobenzene
 Concen: 7.867 ppbv
 RT: 21.95 min Scan# 5960
 Delta R.T. 0.03 min
 Lab File: VL036876.D
 Acq: 28 Apr 2021 12:05

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:180 Resp: 1580732
 Ion Ratio Lower Upper
 180 100
 182 103.0 80.9 121.3
 184 32.2 25.3 37.9



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V

