

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061621\
 Data File : VL037173.D
 Acq On : 16 Jun 2021 16:40
 Operator : SY/AP
 Sample : VL0616ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 17 01:48:11 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 16 14:06:32 2021
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1475134	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4389856	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	5105698	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	3189707	8.24	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	82.40%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	2405180	9.375	ppbv 98
3) Chlorodifluoromethane	2.99	51	2602531	9.073	ppbv 100
4) Chloromethane	3.14	50	869036	9.091	ppbv 98
5) Vinyl Chloride	3.26	62	957782	9.116	ppbv 99
6) Bromomethane	3.47	94	584042	9.318	ppbv 99
7) Chloroethane	3.56	64	348540	9.281	ppbv 98
8) Dichlorotetrafluoroethane	3.19	85	2464351	9.364	ppbv 99
9) Propene	3.01	41	819313	8.933	ppbv 100
10) Heptane	8.13	43	2127345	9.577	ppbv 100
11) Trichlorofluoromethane	3.95	101	2549765	9.314	ppbv 99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1786480	9.258	ppbv 98
13) Ethanol	3.62	45	53021	3.737	ppbv 93
14) Bromoethene	3.74	108	761628	9.457	ppbv 99
15) Acetone	3.85	43	1289874	7.754	ppbv 96
16) 1,3-Butadiene	3.33	39	948716	9.647	ppbv 99
17) tert-Butyl alcohol	4.29	59	1535529	9.988	ppbv 100
18) 1,1-Dichloroethene	4.29	96	818051	9.567	ppbv 99
19) Isopropyl Alcohol	3.97	45	923262	9.164	ppbv # 98
20) Methylene Chloride	4.35	84	703354	7.063	ppbv 96
21) Allyl Chloride	4.41	41	1179536	9.407	ppbv 97
22) trans-1,2-Dichloroethene	4.89	96	798001	9.431	ppbv 97
23) Vinyl Acetate	5.08	43	2337440	9.800	ppbv 99
24) 1,1-Dichloroethane	5.01	63	1775163	9.244	ppbv 99
25) Ethyl Acetate	5.68	43	3398475	9.437	ppbv 99
26) Hexane	5.69	57	1627085	8.939	ppbv 98
27) Carbon Disulfide	4.56	76	1856760	10.412	ppbv 99
28) Methyl tert-Butyl Ether	5.04	73	2025769	9.258	ppbv 100
29) Chloroform	5.76	83	2675818	9.517	ppbv 95
30) Cyclohexane	7.14	84	1420038	9.364	ppbv 98
31) cis-1,2-Dichloroethene	5.56	61	1620787	9.691	ppbv 100
32) 1,1,1-Trichloroethane	6.52	97	2770052	9.207	ppbv 100
34) 2-Butanone	5.25	43	1582435	9.269	ppbv 99
35) Carbon Tetrachloride	7.02	117	2976833	10.110	ppbv 99
36) Benzene	6.90	78	3340919	9.412	ppbv 98
37) 1,2-Dichloroethane	6.31	62	2015232	9.773	ppbv 99
38) Trichloroethene	7.84	130	1440953	8.540	ppbv 98
39) 1,2-Dichloropropane	7.62	63	1282124	9.720	ppbv 99
40) 1,4-Dioxane	7.84	88	308087	8.517	ppbv 62
41) Tetrahydrofuran	6.06	42	779909	9.835	ppbv 98
42) Bromodichloromethane	7.80	83	2860934	10.057	ppbv 98
43) Methyl Methacrylate	8.02	69	1236934	10.090	ppbv 100

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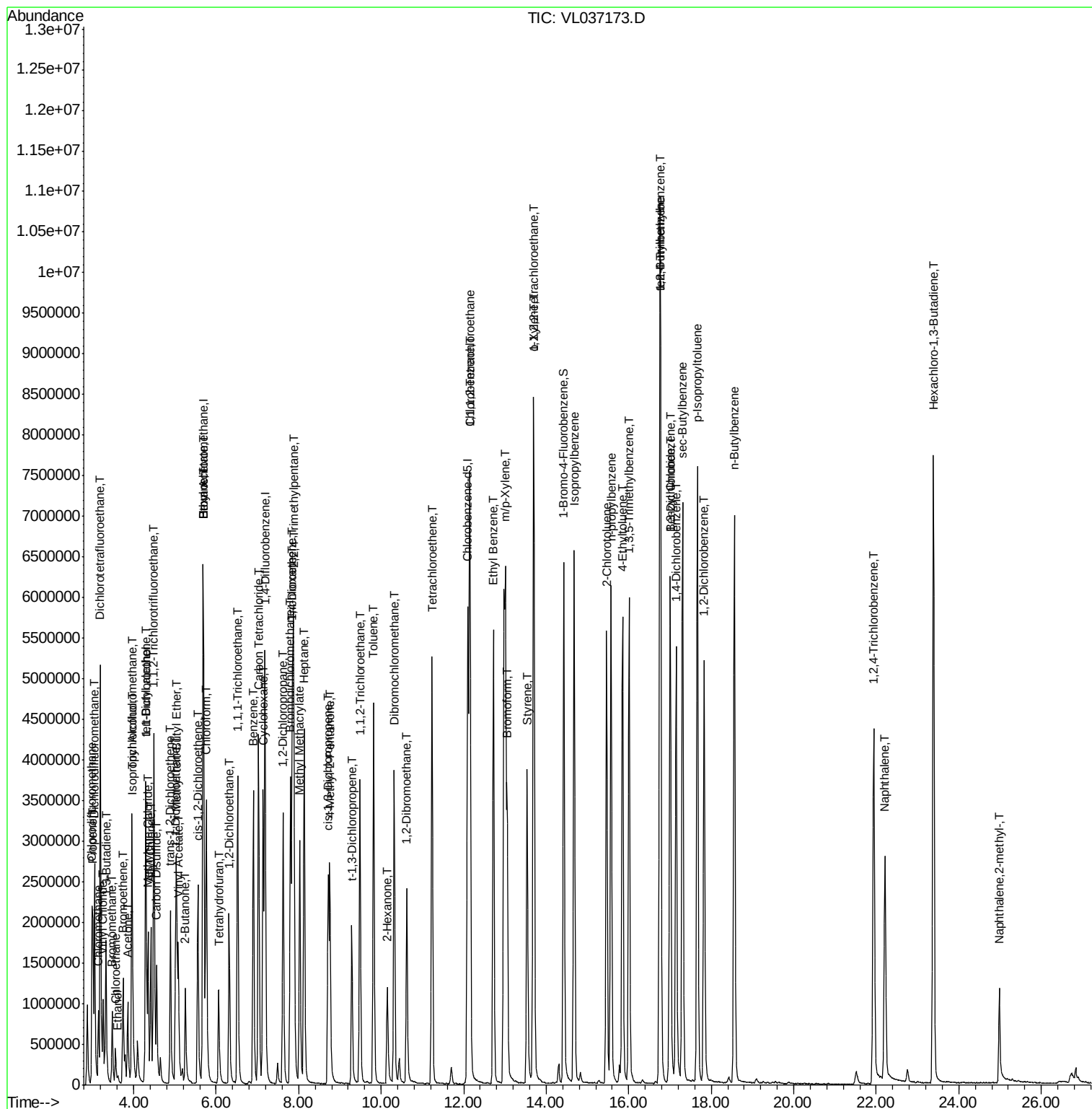
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	5532555	9.256	ppbv	99
45) t-1,3-Dichloropropene	9.29	75	1241277	11.476	ppbv	100
46) cis-1,3-Dichloropropene	8.71	75	1589048	10.740	ppbv	98
47) 1,1,2-Trichloroethane	9.49	97	1431980	9.516	ppbv	98
48) Dibromochloromethane	10.31	129	2599730	10.944	ppbv	100
49) Bromoform	13.05	173	2119843	11.978	ppbv	99
50) 4-Methyl-2-Pentanone	8.75	43	2343809	9.995	ppbv	99
51) 2-Hexanone	10.15	43	1148379	10.065	ppbv #	97
52) Tetrachloroethene	11.23	164	1395947	8.463	ppbv	98
53) Toluene	9.82	91	4040236	9.528	ppbv	100
54) 1,2-Dibromoethane	10.62	107	2137764	9.885	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.14	131	1752230	7.849	ppbv	99
57) Chlorobenzene	12.16	112	3104837	7.498	ppbv	98
58) Ethyl Benzene	12.72	91	5390384	7.669	ppbv	100
59) m/p-Xylene	13.01	91	4848627	8.140	ppbv #	40
60) o-Xylene	13.70	91	4326090	7.628	ppbv	100
61) Styrene	13.54	104	2480189	8.473	ppbv	98
62) Isopropylbenzene	14.68	105	6080208	7.539	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.69	83	2891614	7.657	ppbv	99
64) n-propylbenzene	15.57	120	1623447	8.038	ppbv	97
65) tert-Butylbenzene	16.76	119	5552131	7.762	ppbv	100
66) Benzyl Chloride	17.00	91	253845	8.375	ppbv	99
67) sec-Butylbenzene	17.30	105	7400893	7.759	ppbv	100
69) p-Isopropyltoluene	17.66	119	6457994	8.016	ppbv	100
70) n-Butylbenzene	18.56	91	6084318	8.160	ppbv	100
71) 2-Chlorotoluene	15.46	91	4436126	7.867	ppbv	100
72) 4-Ethyltoluene	15.85	105	5179868	8.039	ppbv	99
73) 1,3,5-Trimethylbenzene	16.01	105	4771806	7.662	ppbv	97
74) 1,2,4-Trimethylbenzene	16.77	105	5069130	7.899	ppbv	96
75) 1,3-Dichlorobenzene	17.01	146	3116358	7.987	ppbv	99
76) 1,4-Dichlorobenzene	17.15	146	3023944	7.759	ppbv	99
77) 1,2-Dichlorobenzene	17.83	146	2997537	7.942	ppbv	100
78) Hexachloro-1,3-Butadiene	23.39	225	2021039	6.228	ppbv	99
79) Naphthalene	22.21	128	3962689	7.406	ppbv	99
80) Naphthalene, 2-methyl-	24.98	142	960287	6.843	ppbv	98
81) 1,2,4-Trichlorobenzene	21.94	180	2197587	7.118	ppbv	99

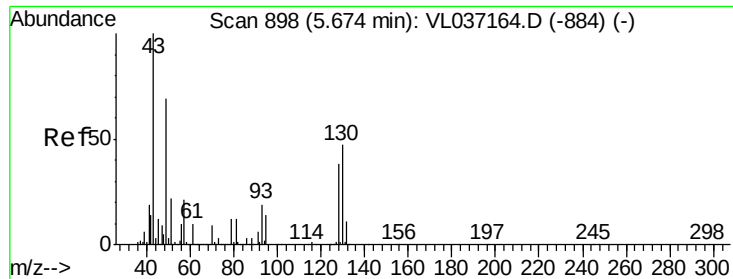
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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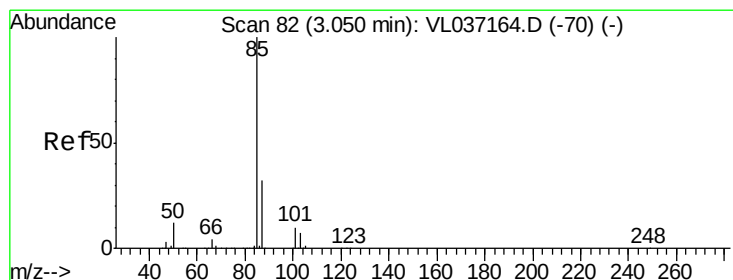
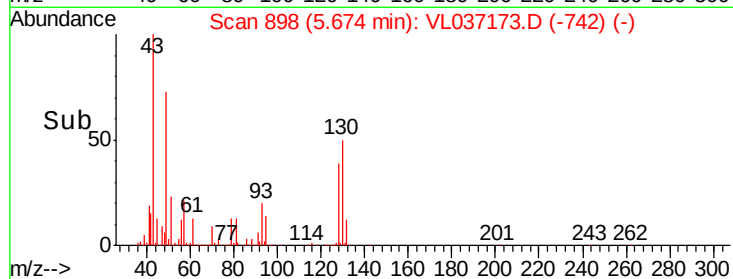
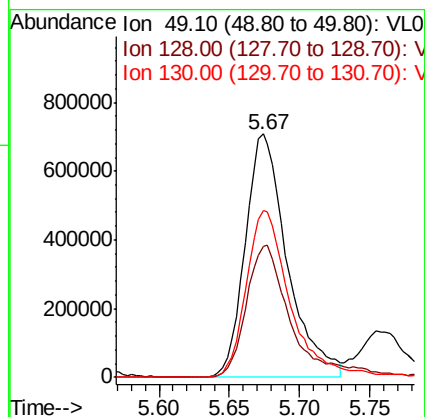
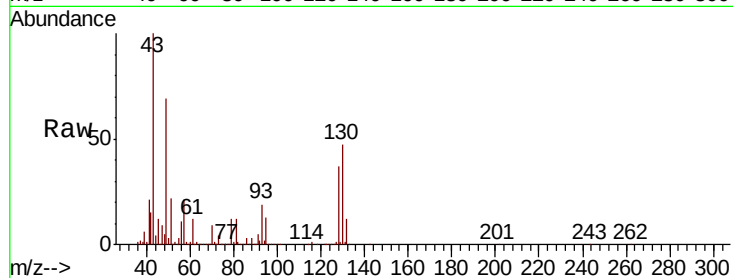




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.00 min
Lab File: VL037173.D
Acq: 16 Jun 2021 16:40

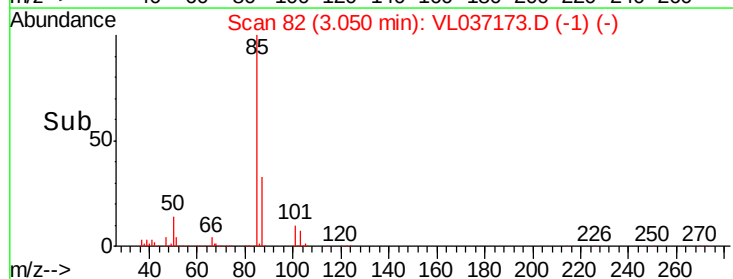
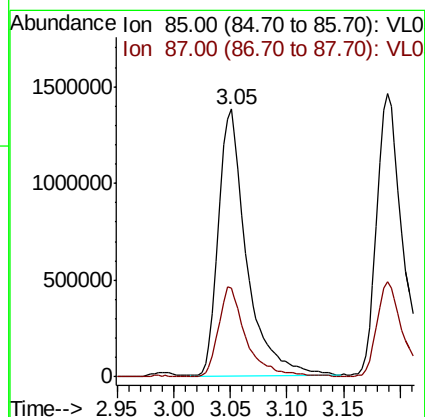
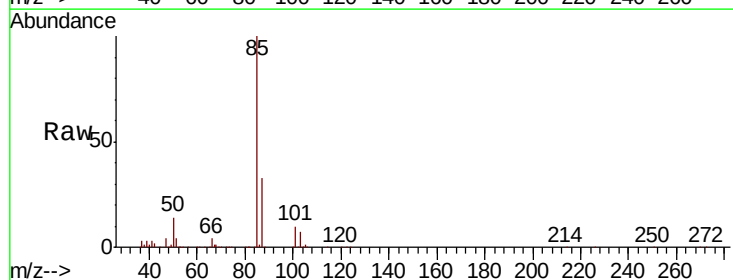
Instrument :
MSVOA_L
ClientSampled :

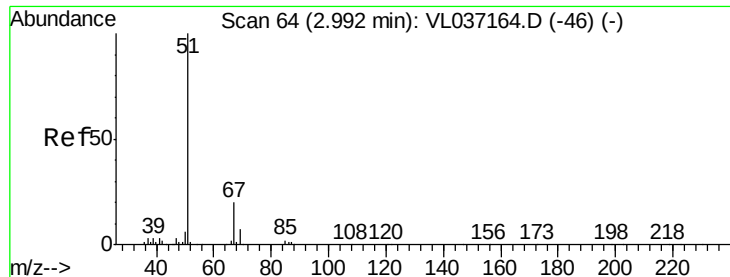
Tot Ion: 49 Resp: 1475134
Ion Ratio Lower Upper
49 100
128 59.2 29.3 88.0
130 72.7 35.9 107.8



#2
Dichlorodifluoromethane
Concen: 9.375 ppbv
RT: 3.05 min Scan# 82
Delta R.T. -0.00 min
Lab File: VL037173.D
Acq: 16 Jun 2021 16:40

Tgt Ion: 85 Resp: 2405180
Ion Ratio Lower Upper
85 100
87 33.1 25.8 38.6





#3

Chlorodifluoromethane

Concen: 9.073 ppbv

RT: 2.99 min Scan# 63

Delta R.T. -0.00 min

Lab File: VL037173.D

Acq: 16 Jun 2021 16:40

Instrument :

MSVOA_L

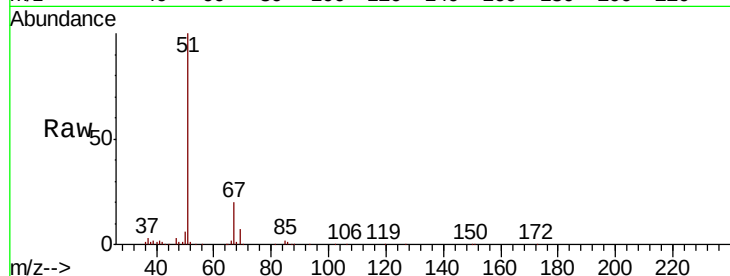
ClientSampleId :

Tot Ion: 51 Resp: 2602531

Ion Ratio Lower Upper

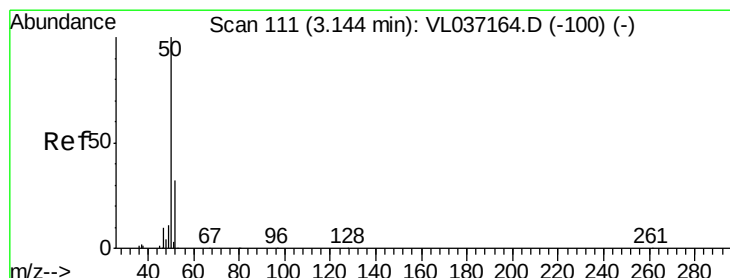
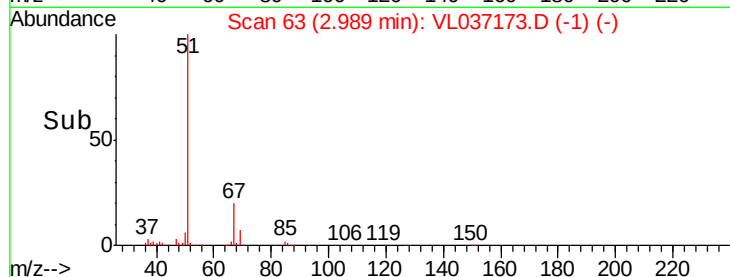
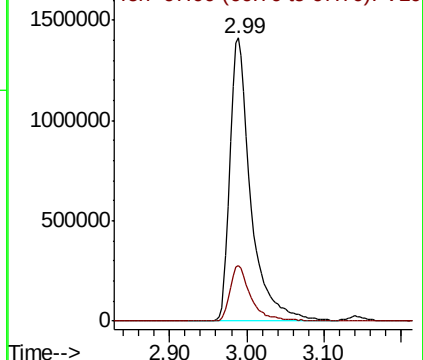
51 100

67 19.7 15.8 23.6



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 9.091 ppbv

RT: 3.14 min Scan# 110

Delta R.T. -0.00 min

Lab File: VL037173.D

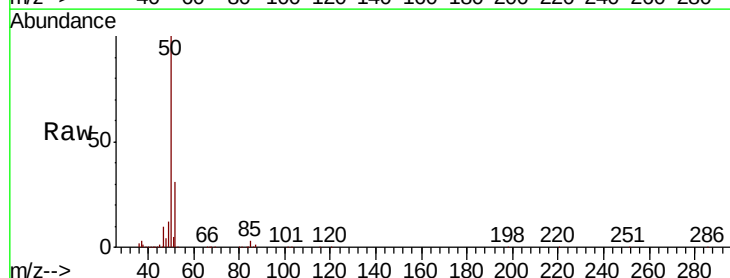
Acq: 16 Jun 2021 16:40

Tgt Ion: 50 Resp: 869036

Ion Ratio Lower Upper

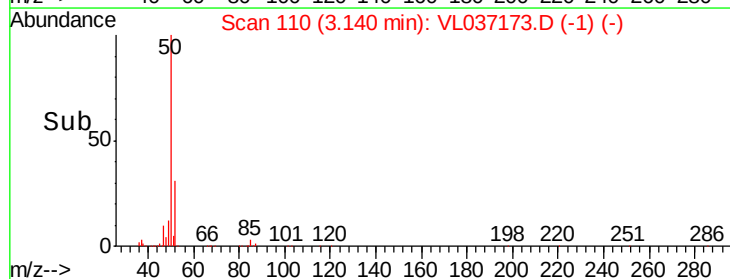
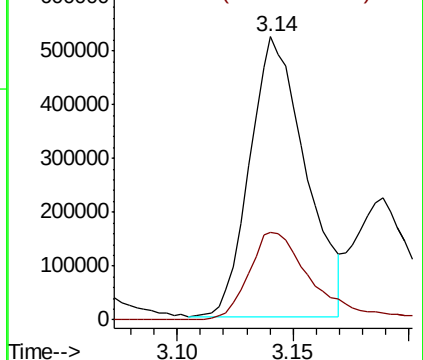
50 100

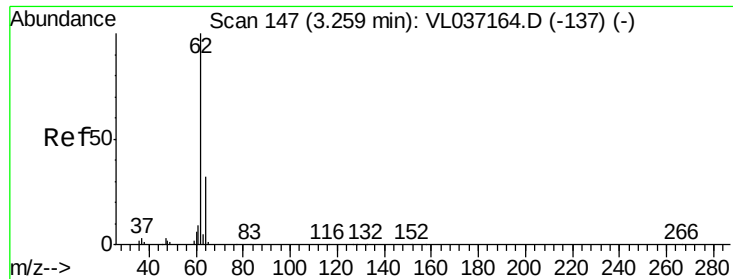
52 31.4 25.8 38.8



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 9.116 ppbv

RT: 3.26 min Scan# 147

Delta R.T. -0.00 min

Lab File: VL037173.D

Acq: 16 Jun 2021 16:40

Instrument :

MSVOA_L

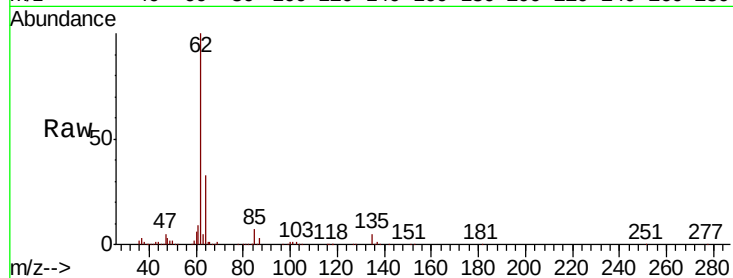
ClientSampled :

Tot Ion: 62 Resp: 957782

Ion Ratio Lower Upper

62 100

64 32.7 25.6 38.4



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0

3.26

500000

400000

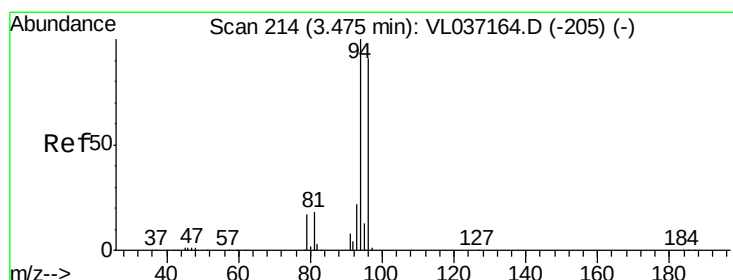
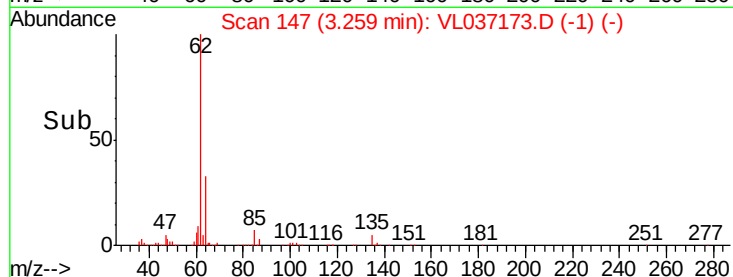
300000

200000

100000

0

Time-->



#6

Bromomethane

Concen: 9.318 ppbv

RT: 3.47 min Scan# 214

Delta R.T. -0.00 min

Lab File: VL037173.D

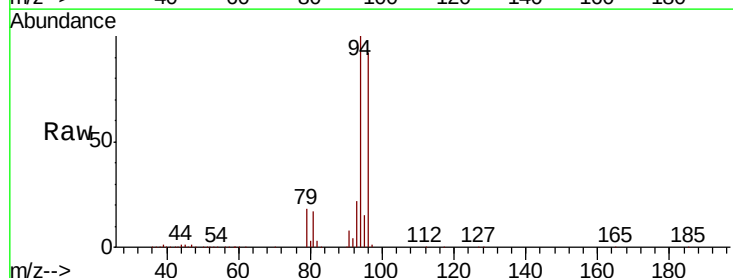
Acq: 16 Jun 2021 16:40

Tgt Ion: 94 Resp: 584042

Ion Ratio Lower Upper

94 100

96 92.1 72.6 108.8



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

3.47

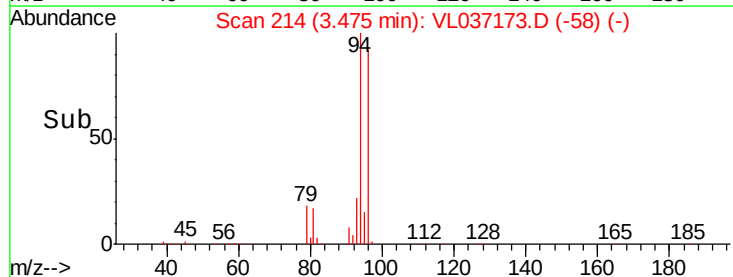
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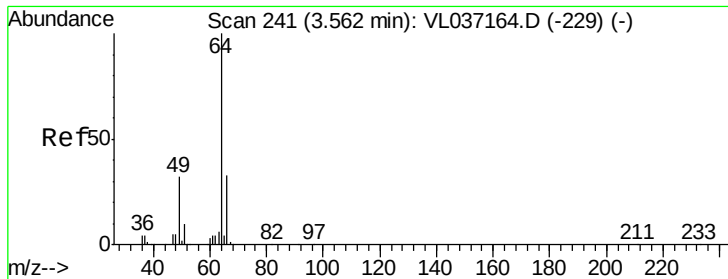
200000

100000

0

Time-->





#7

Chloroethane

Concen: 9.281 ppbv

RT: 3.56 min Scan# 240

Delta R.T. -0.00 min

Lab File: VL037173.D

Acq: 16 Jun 2021 16:40

Instrument :

MSVOA_L

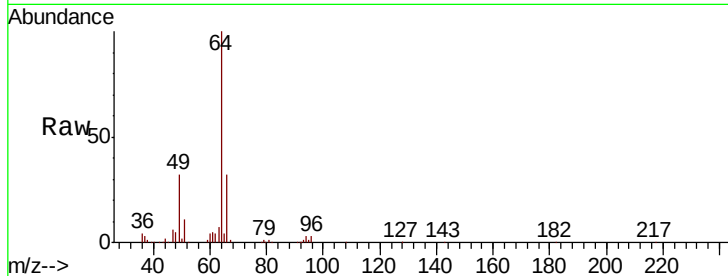
ClientSampleId :

Tot Ion: 64 Resp: 348540

Ion Ratio Lower Upper

64 100

66 31.9 26.2 39.4



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.56

200000

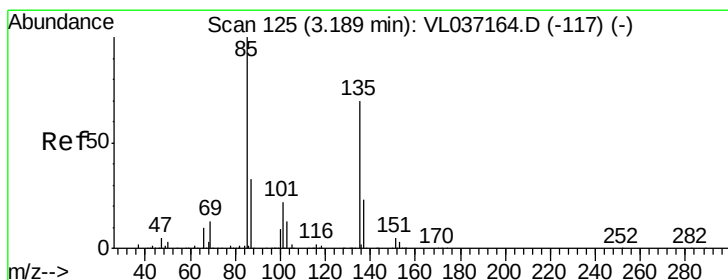
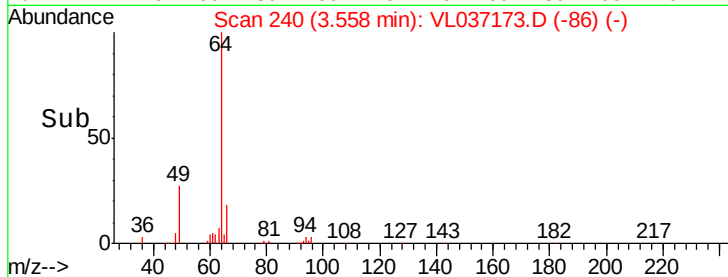
150000

100000

50000

0

Time-->



#8

Dichlorotetrafluoroethane

Concen: 9.364 ppbv

RT: 3.19 min Scan# 125

Delta R.T. -0.00 min

Lab File: VL037173.D

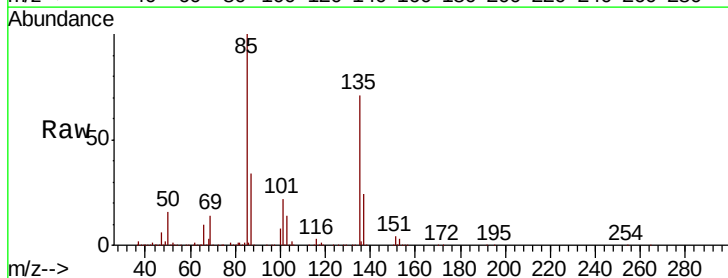
Acq: 16 Jun 2021 16:40

Tgt Ion: 85 Resp: 2464351

Ion Ratio Lower Upper

85 100

135 74.3 60.4 90.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

3.19

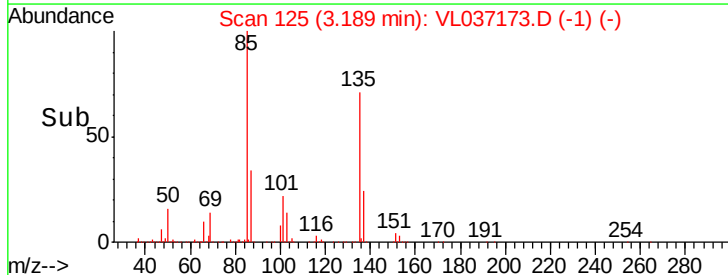
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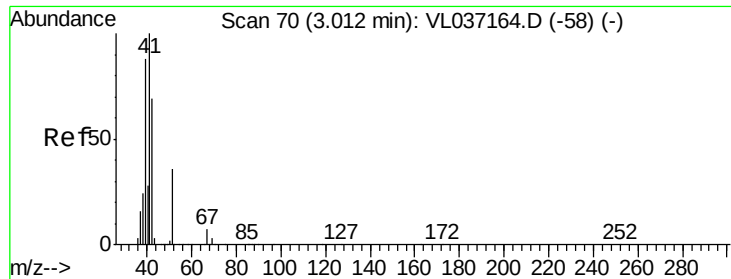
1000000

500000

0

Time-->





#9

Propene

Concen: 8.933 ppbv

RT: 3.01 min Scan# 69

Delta R.T. -0.00 min

Lab File: VL037173.D

Acq: 16 Jun 2021 16:40

Instrument :

MSVOA_L

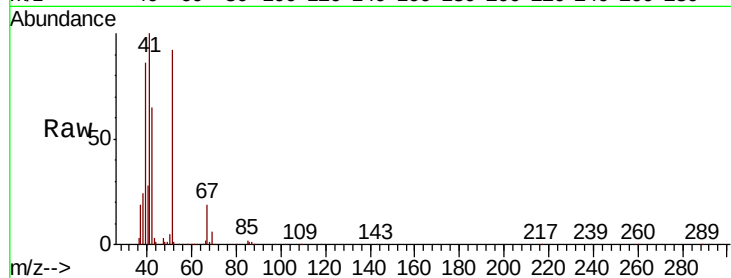
ClientSampleId :

Tot Ion: 41 Resp: 819313

Ion Ratio Lower Upper

41 100

42 68.4 54.5 81.7



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

3.01

500000

400000

300000

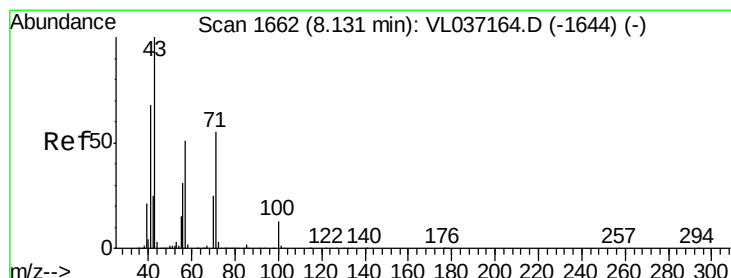
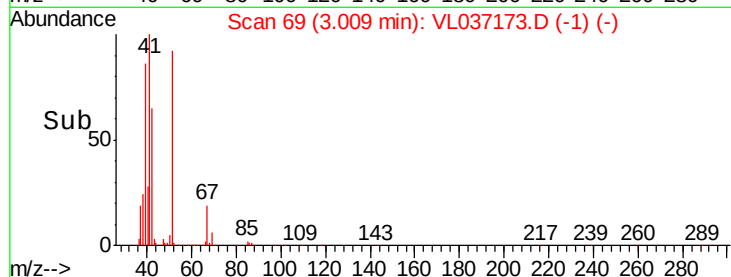
200000

100000

0

Time-->

2.95 3.00 3.05 3.10



#10

Heptane

Concen: 9.577 ppbv

RT: 8.13 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VL037173.D

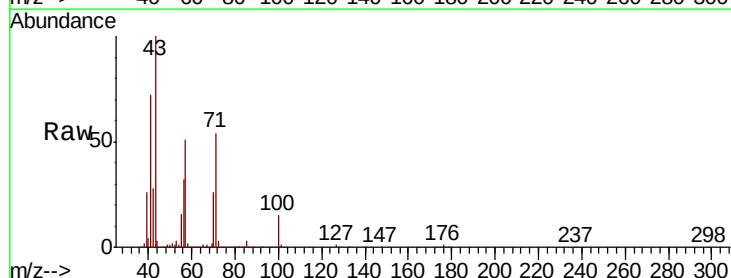
Acq: 16 Jun 2021 16:40

Tgt Ion: 43 Resp: 2127345

Ion Ratio Lower Upper

43 100

57 50.6 40.6 61.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

8.13

1000000

800000

600000

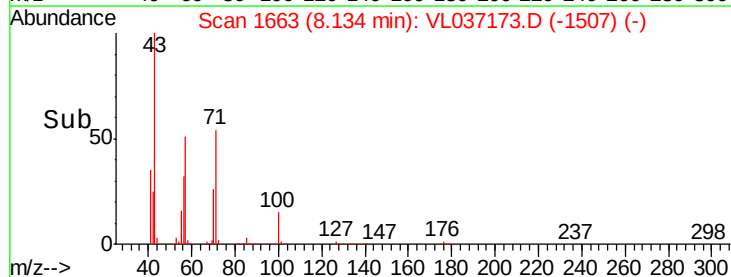
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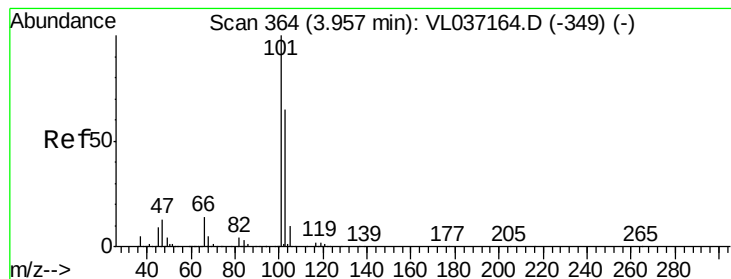
200000

0

Time-->

8.05 8.10 8.15 8.20 8.25





#11

Trichlorofluoromethane

Concen: 9.314 ppbv

RT: 3.95 min Scan# 363

Delta R.T. -0.00 min

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Acq: 16 Jun 2021 16:40

Instrument :

MSVOA_L

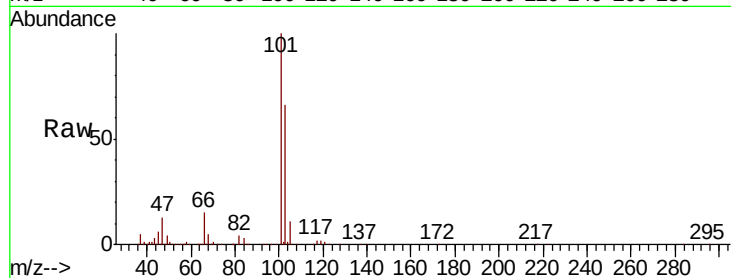
ClientSampleId :

Tot Ion:101 Resp: 2549765

Ion Ratio Lower Upper

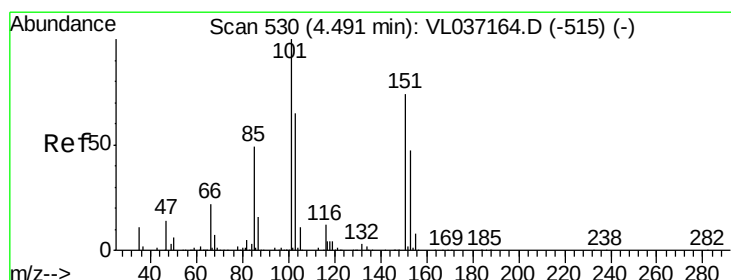
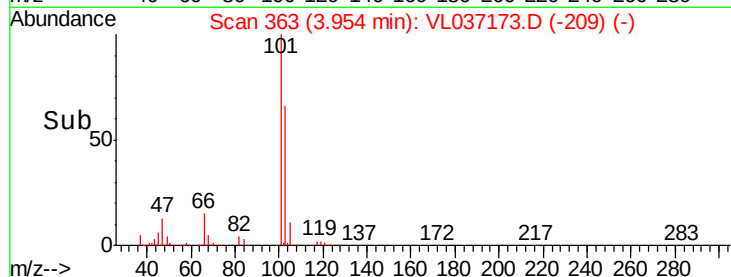
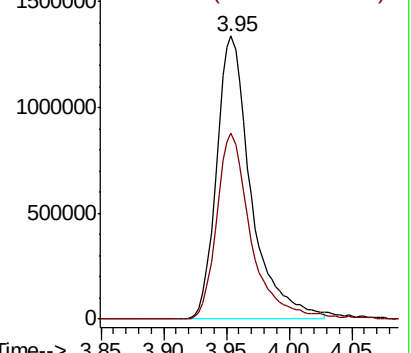
101 100

103 66.0 52.2 78.4



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: 9.258 ppbv

RT: 4.49 min Scan# 529

Delta R.T. -0.00 min

Lab File: VL037173.D

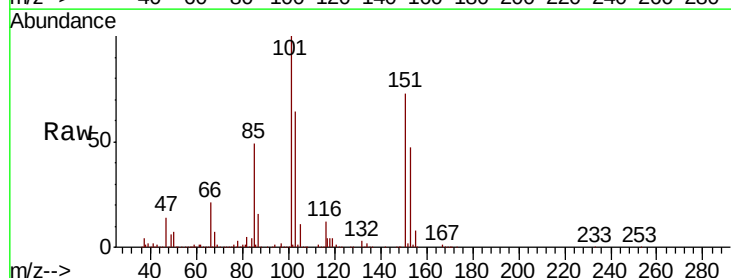
Acq: 16 Jun 2021 16:40

Tgt Ion:101 Resp: 1786480

Ion Ratio Lower Upper

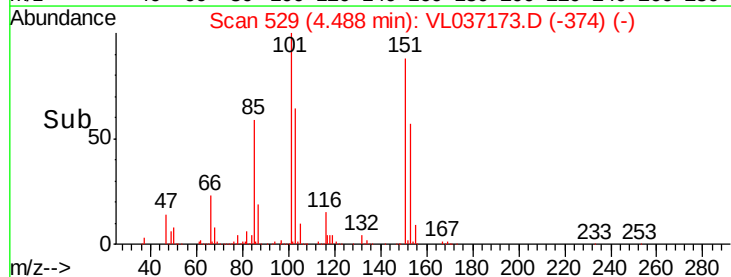
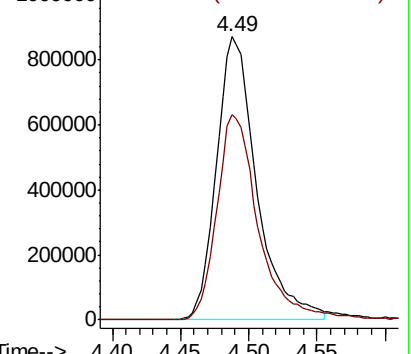
101 100

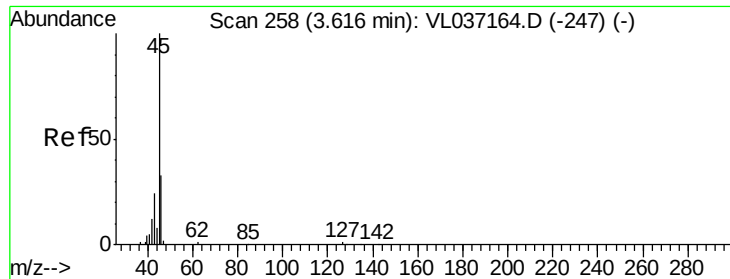
151 75.6 59.1 88.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V

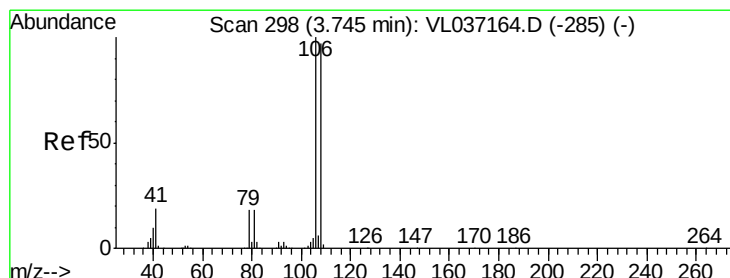
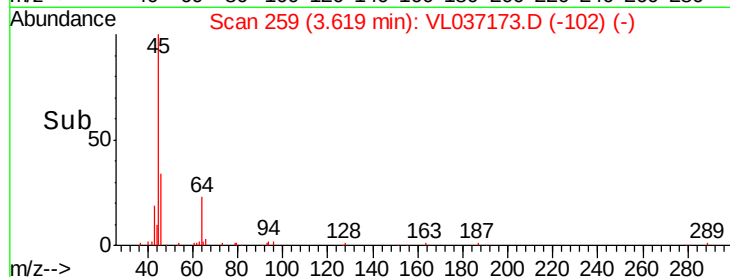
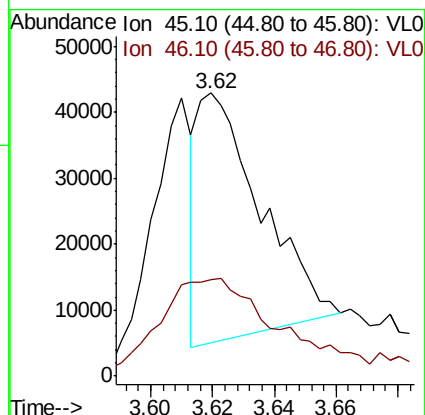
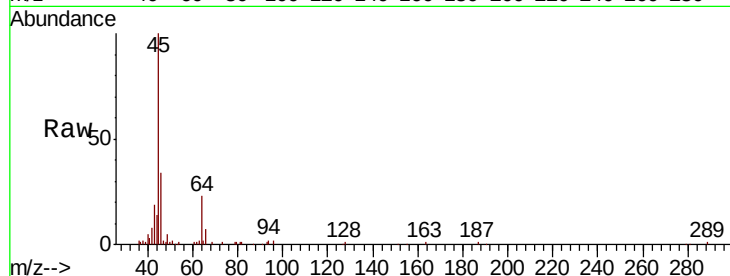




#13
Ethanol
Concen: 3.737 ppbv
RT: 3.62 min Scan# 259
Delta R.T. 0.00 min
Lab File: VL037173.D
Acq: 16 Jun 2021 16:40

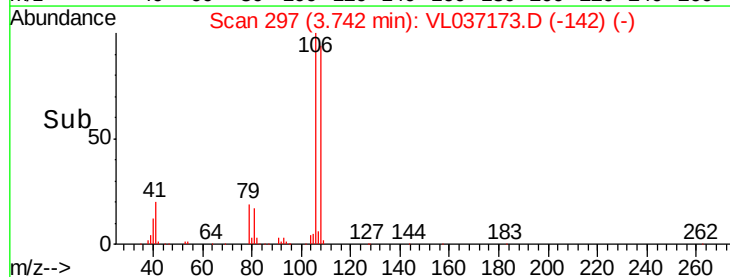
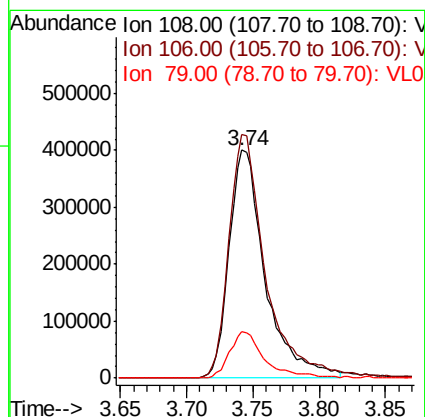
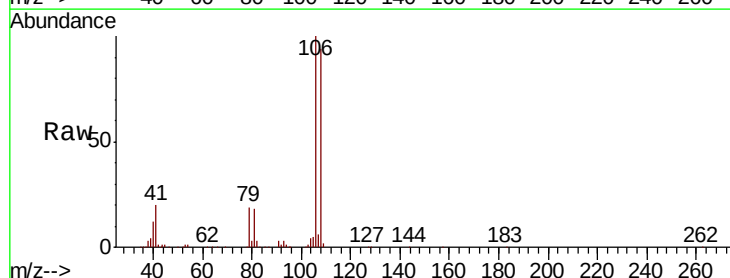
Instrument :
MSVOA_L
ClientSampleId :

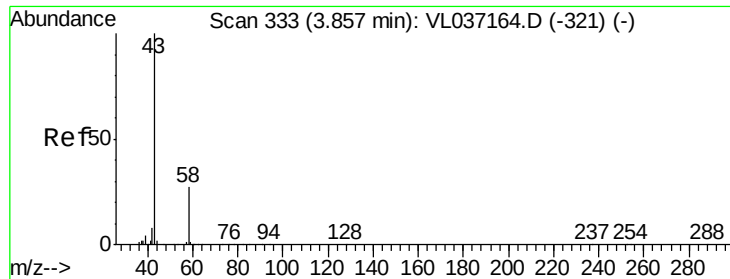
Tot Ion: 45 Resp: 53021
Ion Ratio Lower Upper
45 100
46 91.6 34.2 137.0



#14
Bromoethene
Concen: 9.457 ppbv
RT: 3.74 min Scan# 297
Delta R.T. -0.00 min
Lab File: VL037173.D
Acq: 16 Jun 2021 16:40

Tgt Ion: 108 Resp: 761628
Ion Ratio Lower Upper
108 100
106 109.9 86.8 130.2
79 20.0 15.6 23.4

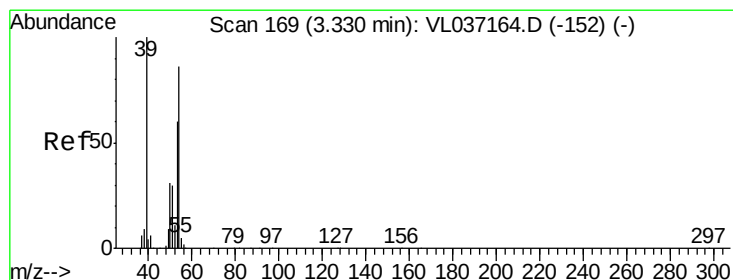
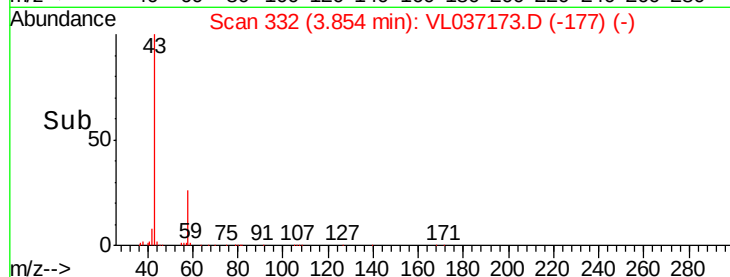
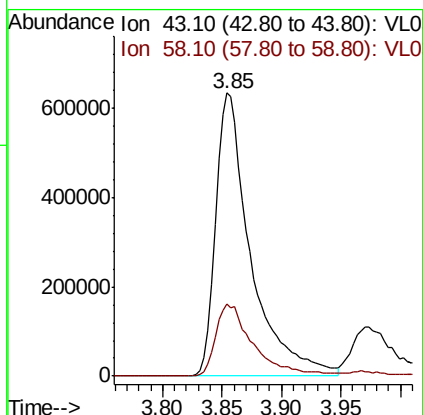
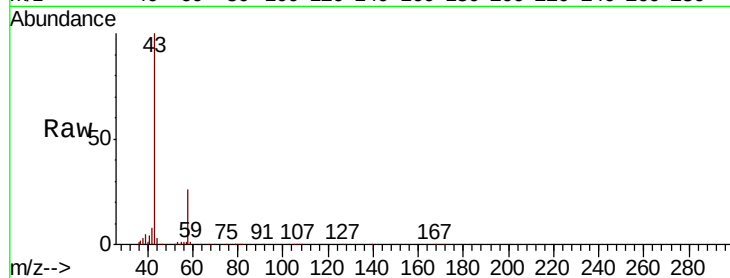




#15
Acetone
Concen: 7.754 ppbv
RT: 3.85 min Scan# 332
Delta R.T. -0.00 min
Lab File: VL037173.D
Acq: 16 Jun 2021 16:40

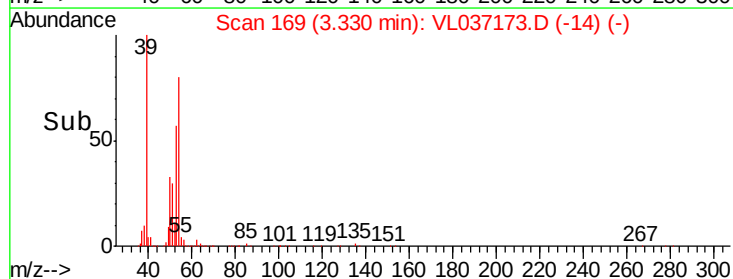
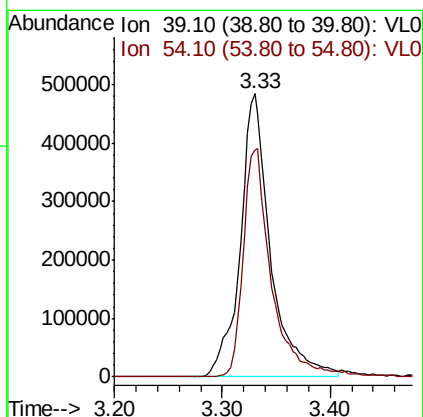
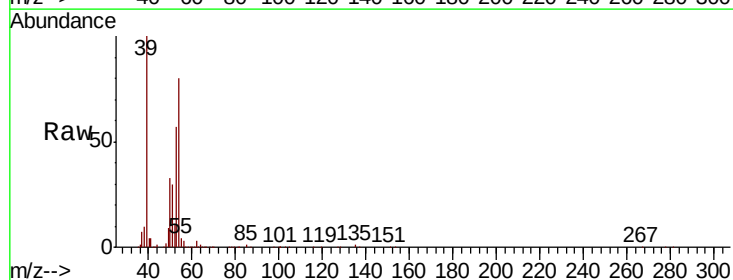
Instrument :
MSVOA_L
ClientSampleId :

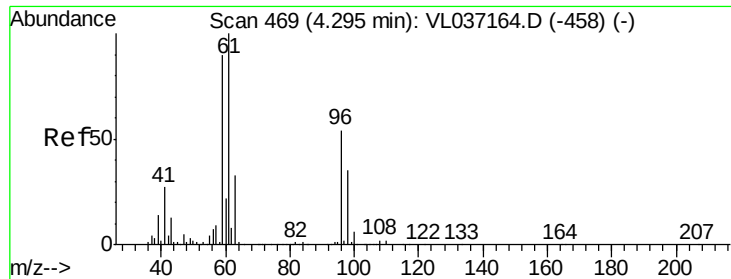
Tot Ion: 43 Resp: 1289874
Ion Ratio Lower Upper
43 100
58 27.5 23.7 35.5



#16
1,3-Butadiene
Concen: 9.647 ppbv
RT: 3.33 min Scan# 169
Delta R.T. -0.00 min
Lab File: VL037173.D
Acq: 16 Jun 2021 16:40

Tgt Ion: 39 Resp: 948716
Ion Ratio Lower Upper
39 100
54 75.7 61.2 91.8





#17

tert-Butyl alcohol
Concen: 9.988 ppbv
RT: 4.29 min Scan# 469
Delta R.T. -0.00 min
Lab File: VL037173.D
Acq: 16 Jun 2021 16:40

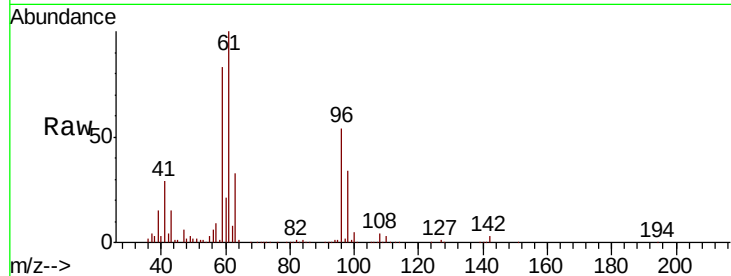
Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 59 Resp: 153529

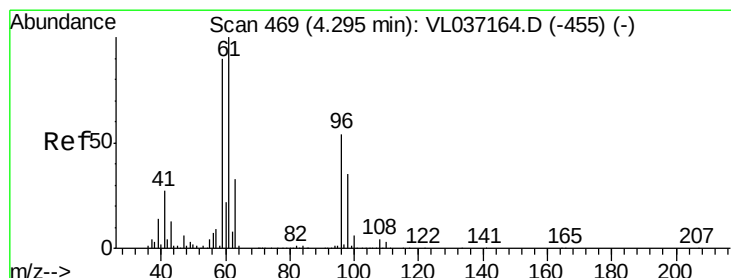
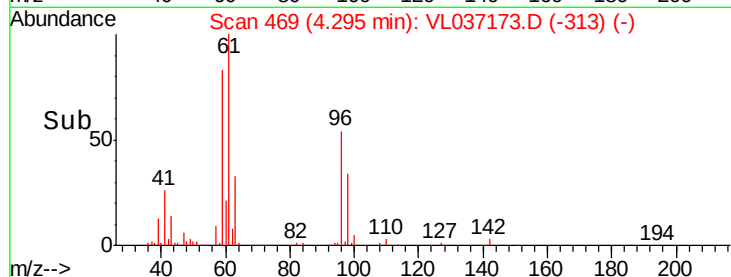
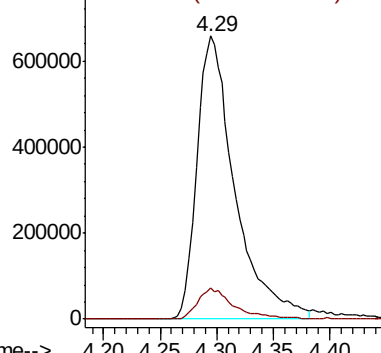
Ion Ratio Lower Upper

59 100

57 11.0 8.8 13.2



Abundance Ion 59.10 (58.80 to 59.80): VL0
Ion 57.10 (56.80 to 57.80): VL0



#18

1,1-Dichloroethene
Concen: 9.567 ppbv
RT: 4.29 min Scan# 469
Delta R.T. -0.00 min
Lab File: VL037173.D
Acq: 16 Jun 2021 16:40

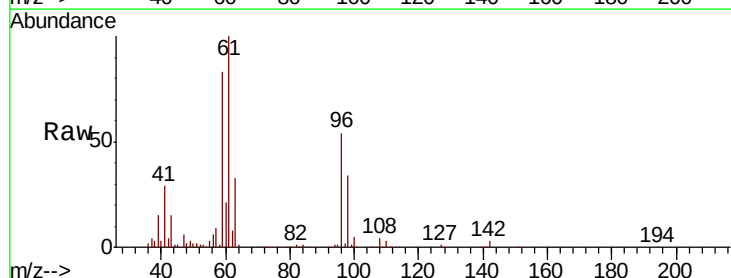
Tgt Ion: 96 Resp: 818051

Ion Ratio Lower Upper

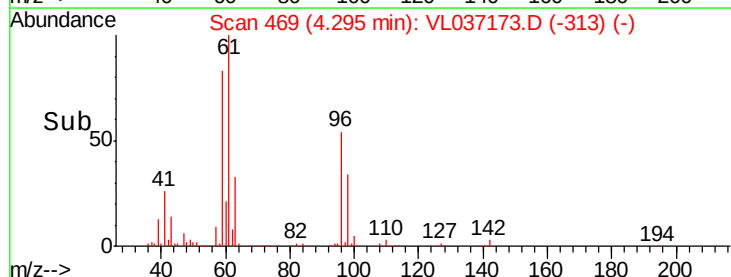
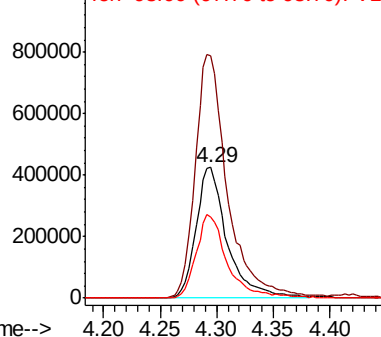
96 100

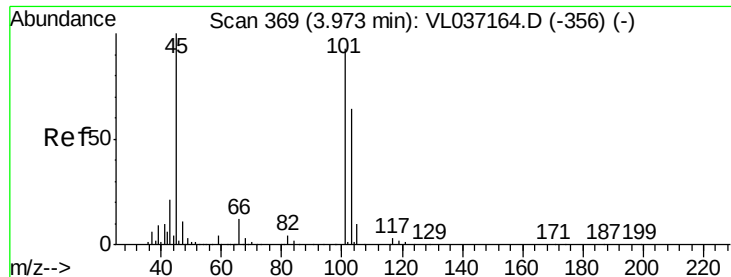
61 185.5 148.6 222.8

98 62.4 51.9 77.9



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





#19

Isopropyl Alcohol

Concen: 9.164 ppbv

RT: 3.97 min Scan# 368

Delta R.T. -0.00 min

Lab File: VL037173.D

Acq: 16 Jun 2021 16:40

Instrument :

MSVOA_L

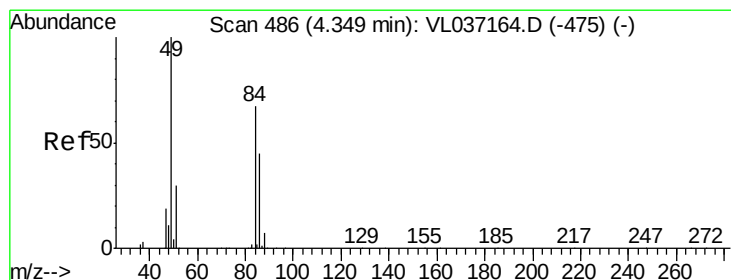
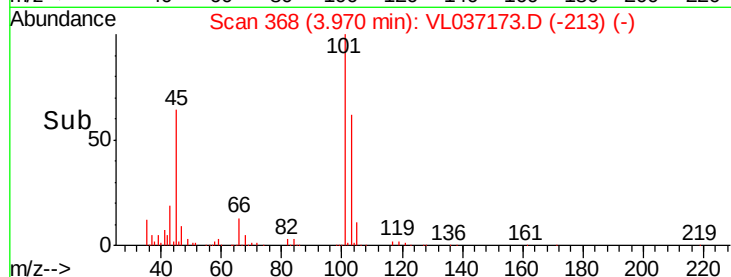
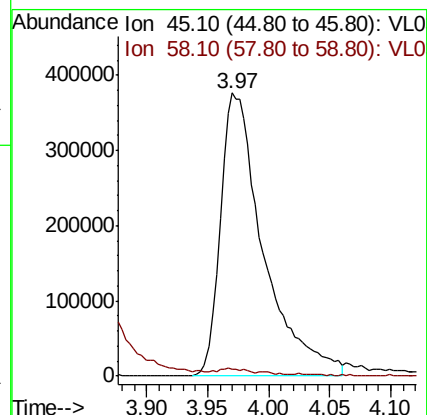
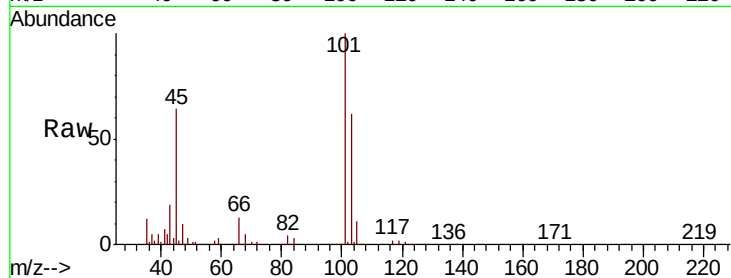
ClientSampleId :

Tot Ion: 45 Resp: 923262

Ion Ratio Lower Upper

45 100

58 2.3 2.4 3.6#



#20

Methylene Chloride

Concen: 7.063 ppbv

RT: 4.35 min Scan# 485

Delta R.T. -0.00 min

Lab File: VL037173.D

Acq: 16 Jun 2021 16:40

Tgt Ion: 84 Resp: 703354

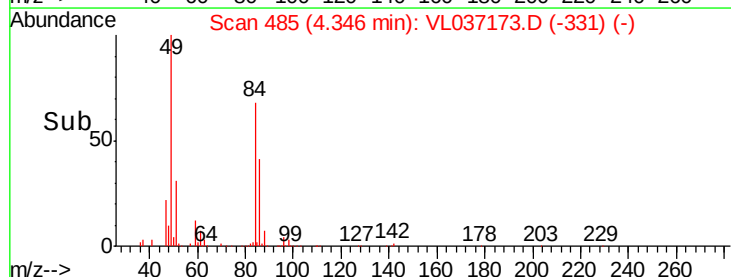
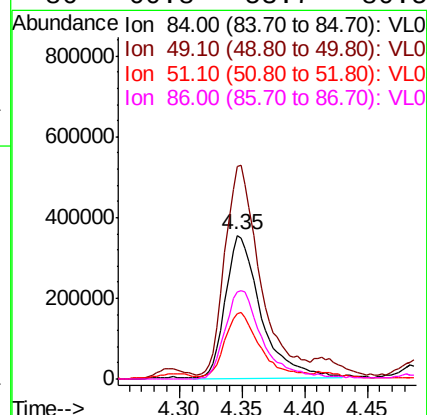
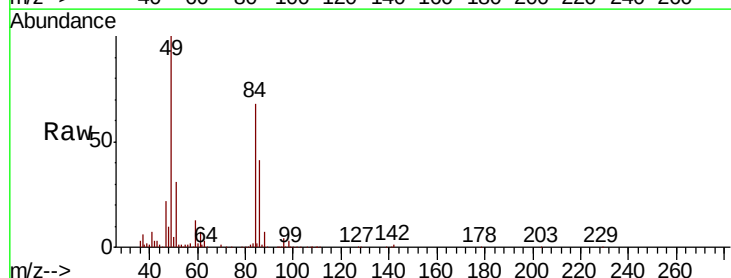
Ion Ratio Lower Upper

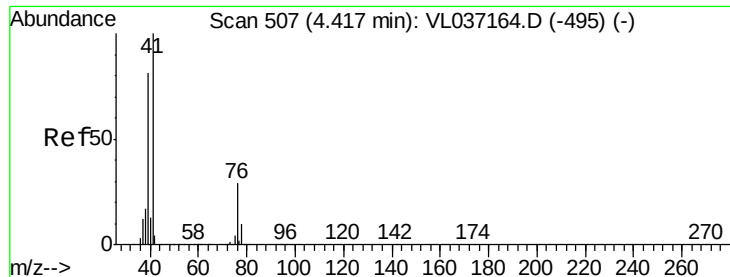
84 100

49 145.6 119.7 179.5

51 43.7 36.1 54.1

86 60.8 53.7 80.5

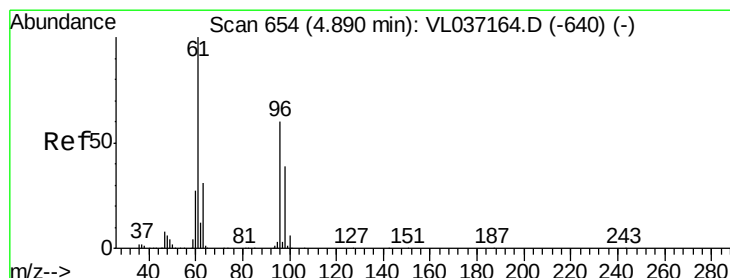
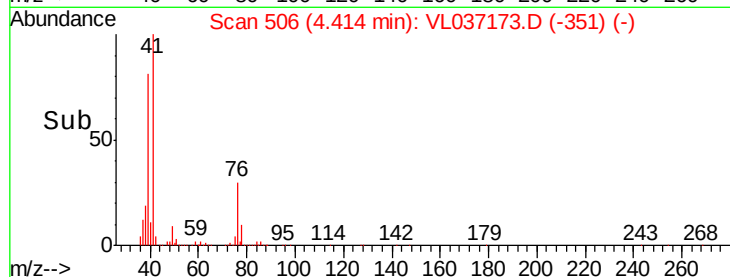
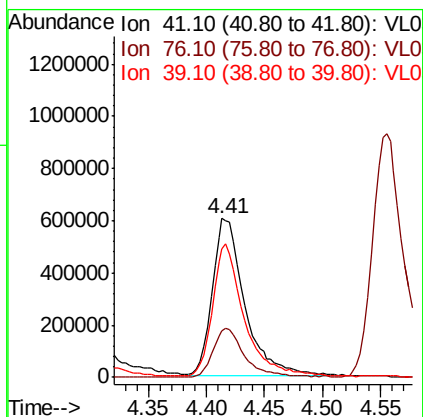
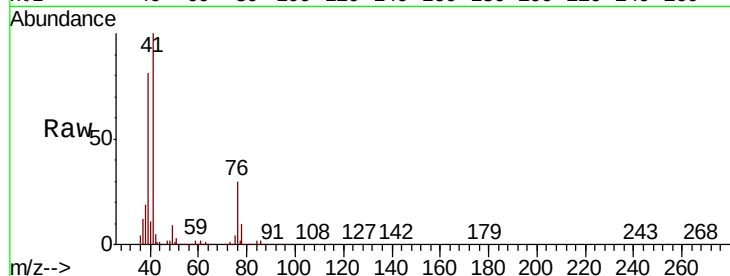




#21
Allvl Chloride
Concen: 9.407 ppbv
RT: 4.41 min Scan# 506
Delta R.T. -0.00 min
Lab File: VL037173.D
Acq: 16 Jun 2021 16:40

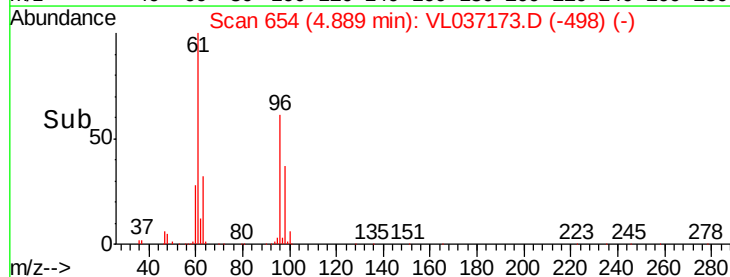
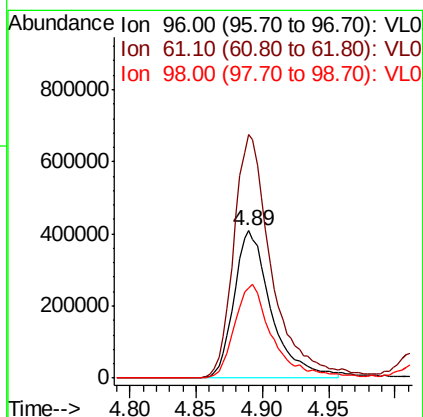
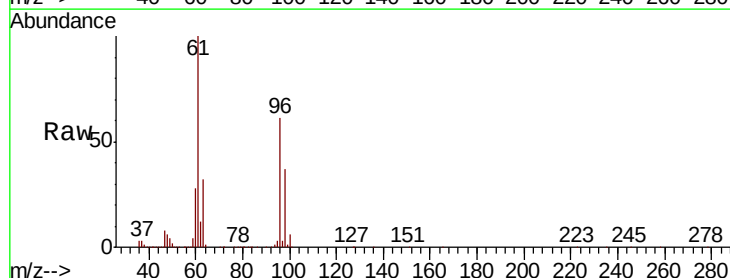
Instrument :
MSVOA_L
ClientSampleId :

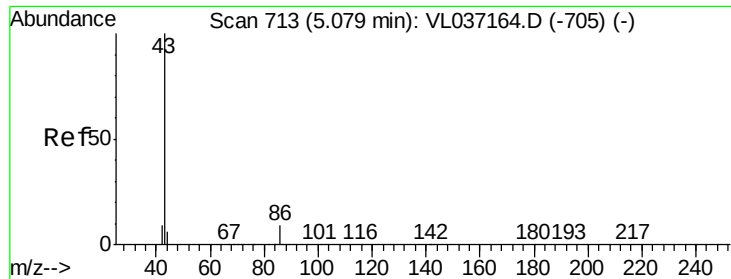
Tot Ion: 41 Resp: 1179536
Ion Ratio Lower Upper
41 100
76 30.9 24.6 37.0
39 85.3 65.4 98.0



#22
trans-1,2-Dichloroethene
Concen: 9.431 ppbv
RT: 4.89 min Scan# 654
Delta R.T. -0.00 min
Lab File: VL037173.D
Acq: 16 Jun 2021 16:40

Tgt Ion: 96 Resp: 798001
Ion Ratio Lower Upper
96 100
61 165.0 133.9 200.9
98 61.0 52.9 79.3



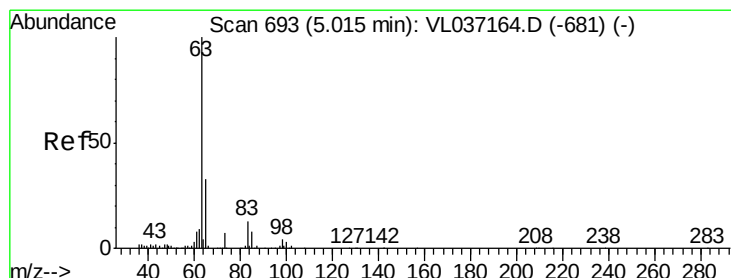
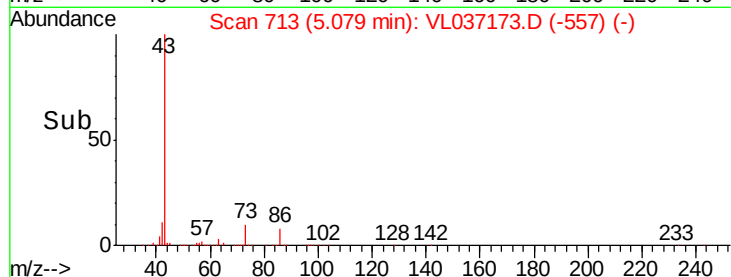
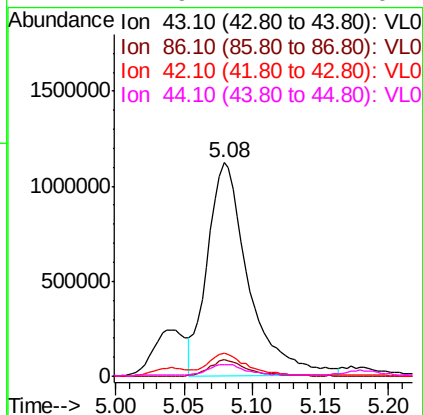
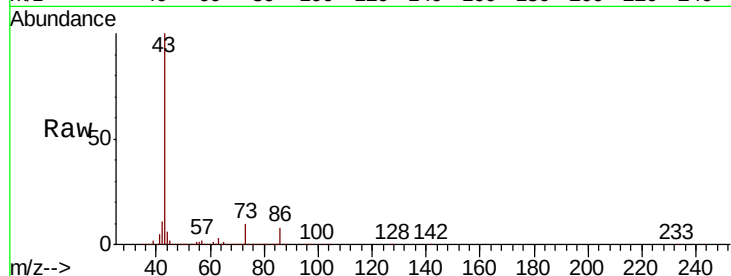


#23
 Vinyl Acetate
 Concen: 9.800 ppbv
 RT: 5.08 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VL037173.D
 Acq: 16 Jun 2021 16:40

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 43 Resp: 2337440

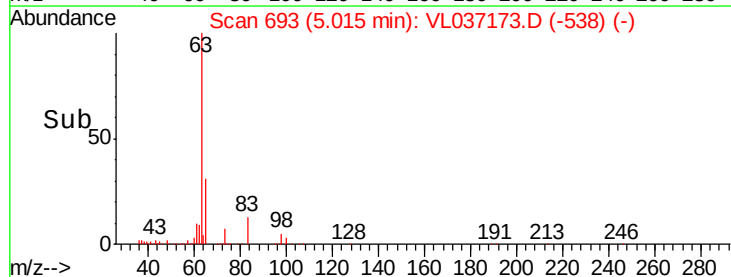
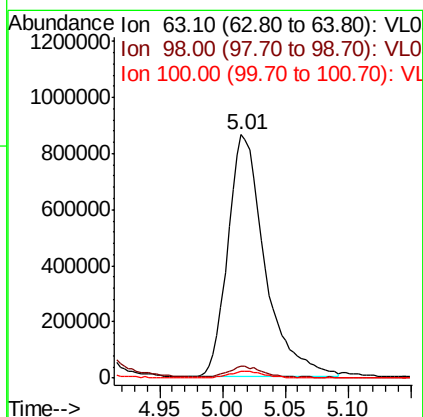
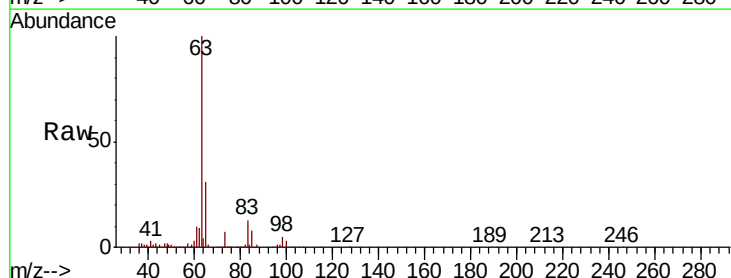
Ion	Ratio	Lower	Upper
43	100		
86	7.9	5.8	8.8
42	10.6	8.2	12.2
44	4.9	4.2	6.4

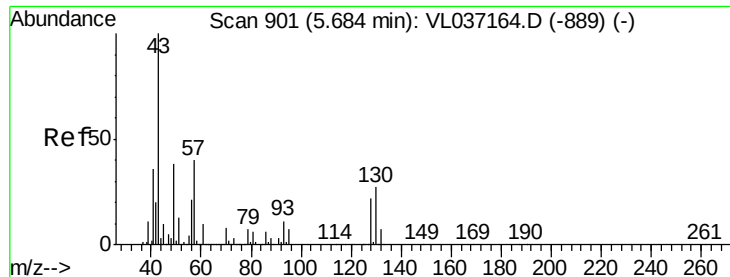


#24
 1,1-Dichloroethane
 Concen: 9.244 ppbv
 RT: 5.01 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: VL037173.D
 Acq: 16 Jun 2021 16:40

Tgt Ion: 63 Resp: 1775163

Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.1	6.5
100	2.8	1.4	4.0



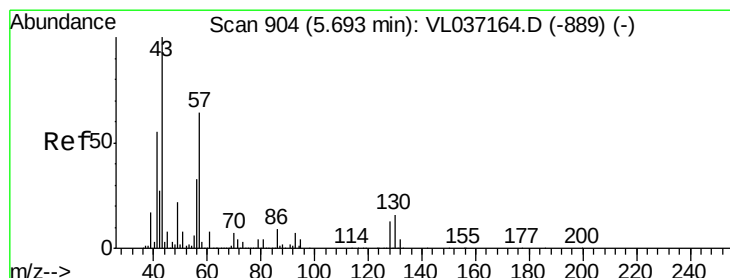
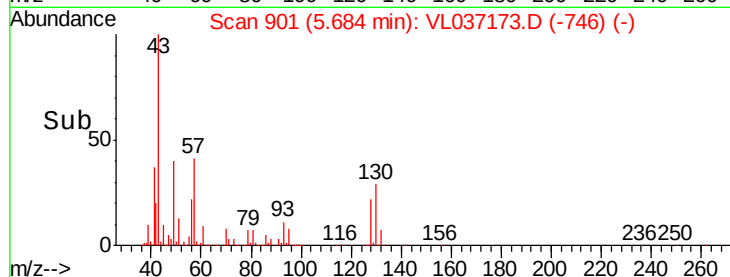
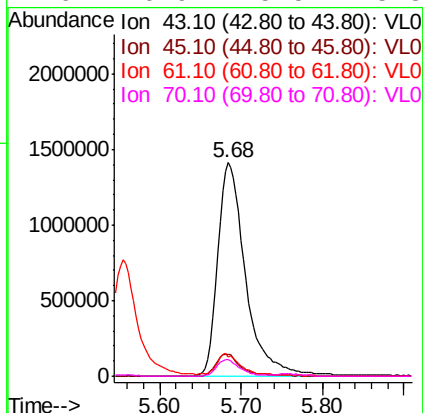
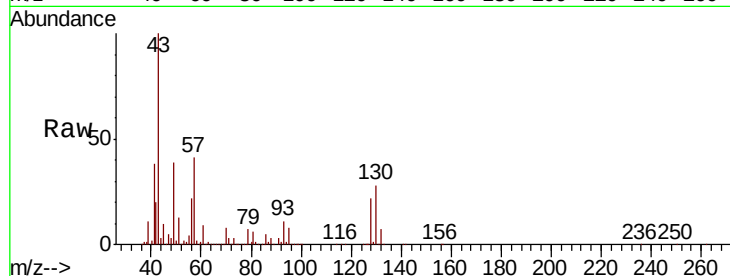


#25
Ethyl Acetate
Concen: 9.437 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.00 min
Lab File: VL037173.D
Acq: 16 Jun 2021 16:40

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 3398475

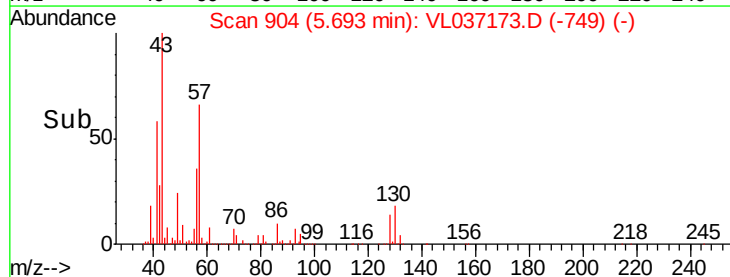
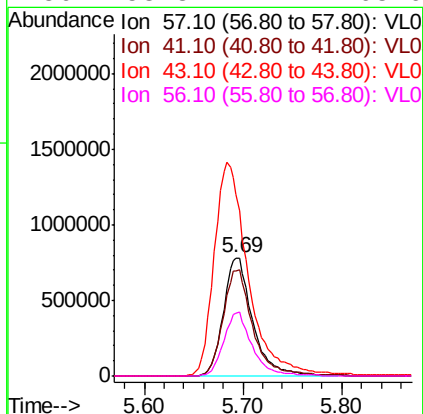
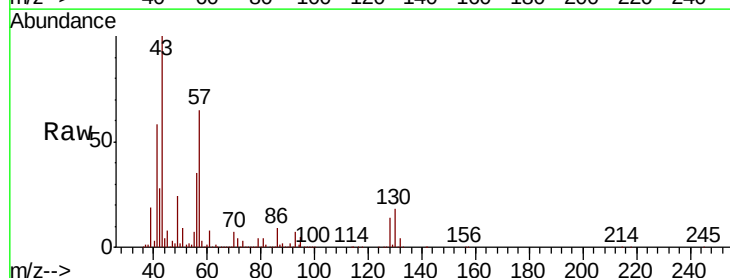
Ion	Ratio	Lower	Upper
43	100		
45	9.5	8.0	12.0
61	9.8	8.1	12.1
70	6.9	5.5	8.3

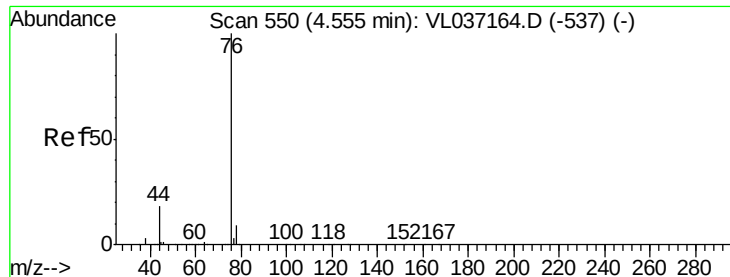


#26
Hexane
Concen: 8.939 ppbv
RT: 5.69 min Scan# 904
Delta R.T. -0.00 min
Lab File: VL037173.D
Acq: 16 Jun 2021 16:40

Tgt Ion: 57 Resp: 1627085

Ion	Ratio	Lower	Upper
57	100		
41	92.4	73.5	110.3
43	209.5	170.7	256.1
56	53.3	42.4	63.6





#27

Carbon Disulfide

Concen: 10.412 ppbv

RT: 4.56 min Scan# 550

Delta R.T. -0.00 min

Lab File: VL037173.D

Acq: 16 Jun 2021 16:40

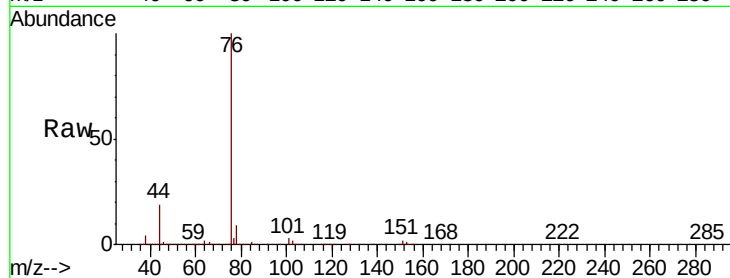
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 76 Resp: 1856760

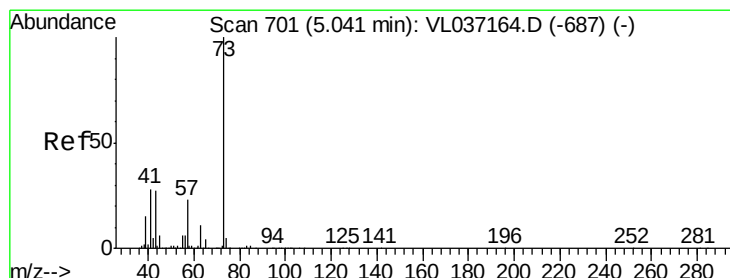
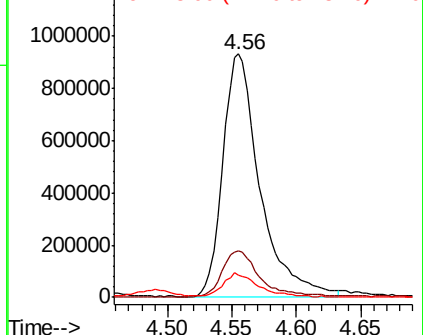
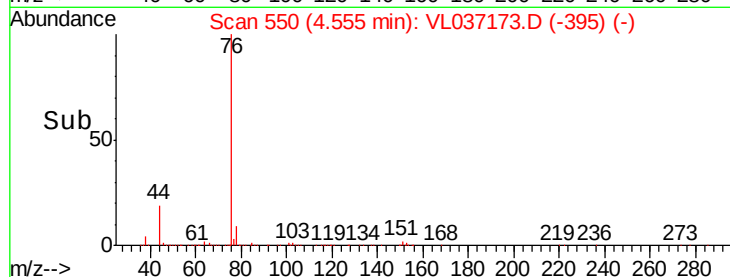
Ion	Ratio	Lower	Upper
76	100		
44	19.8	15.4	23.2
78	9.8	8.0	12.0



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: 9.258 ppbv

RT: 5.04 min Scan# 701

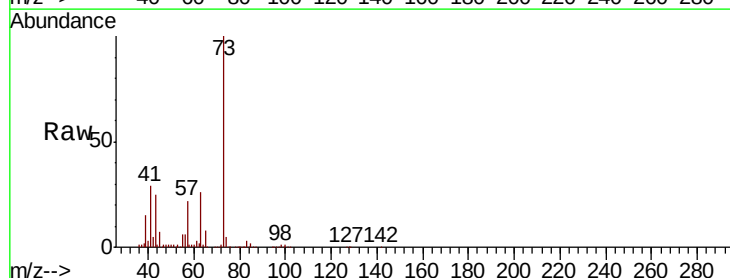
Delta R.T. -0.00 min

Lab File: VL037173.D

Acq: 16 Jun 2021 16:40

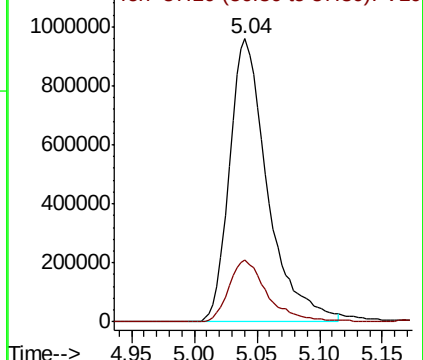
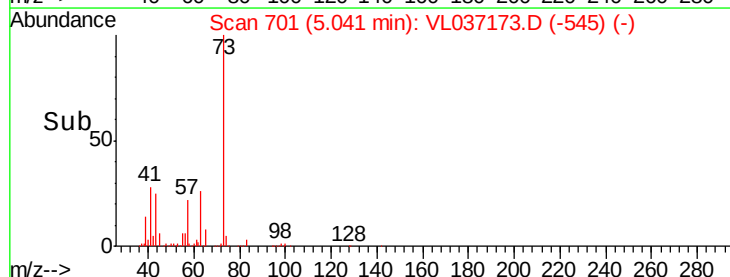
Tgt Ion: 73 Resp: 2025769

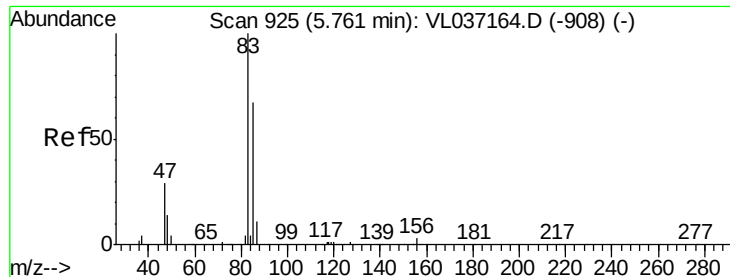
Ion	Ratio	Lower	Upper
73	100		
57	22.6	18.0	27.0



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

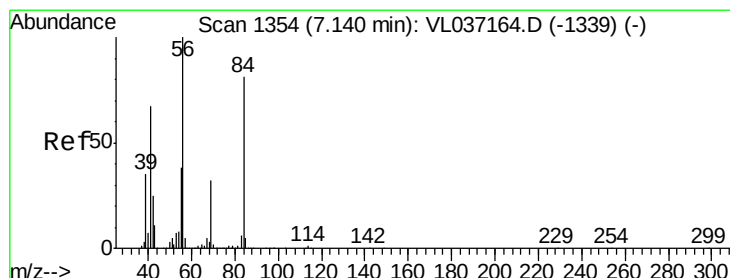
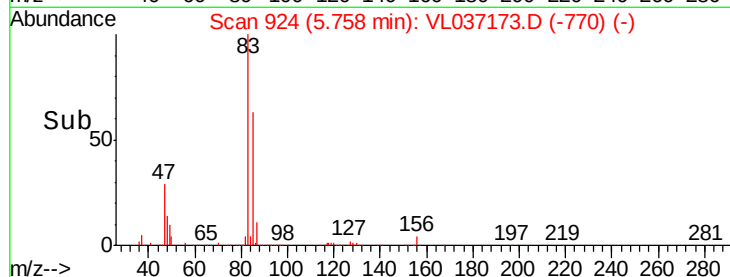
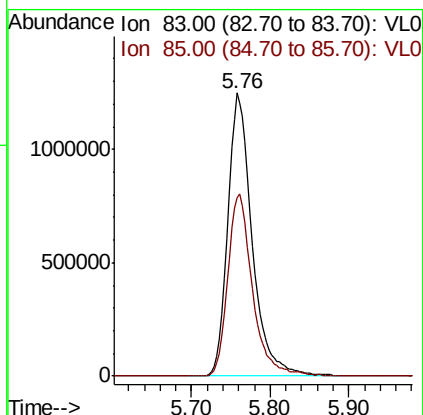
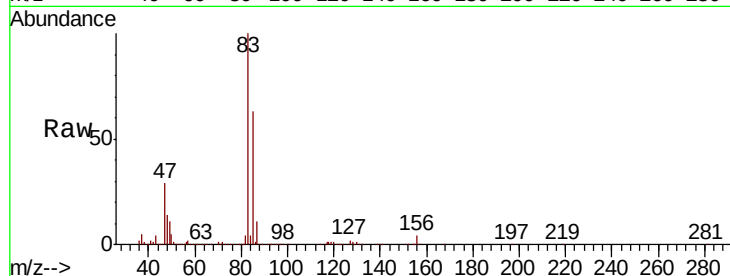




#29
Chloroform
Concen: 9.517 ppbv
RT: 5.76 min Scan# 924
Delta R.T. -0.00 min
Lab File: VL037173.D
Acq: 16 Jun 2021 16:40

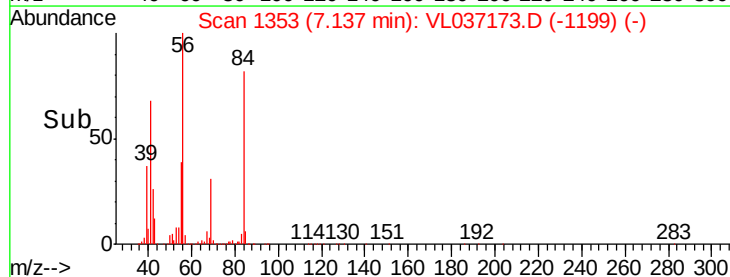
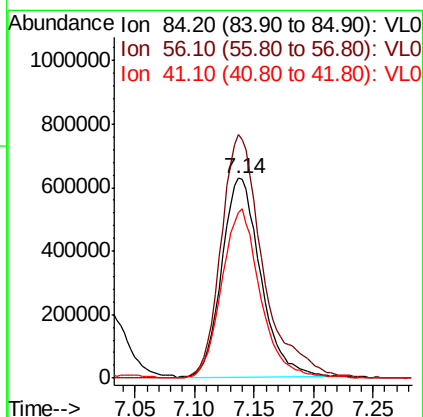
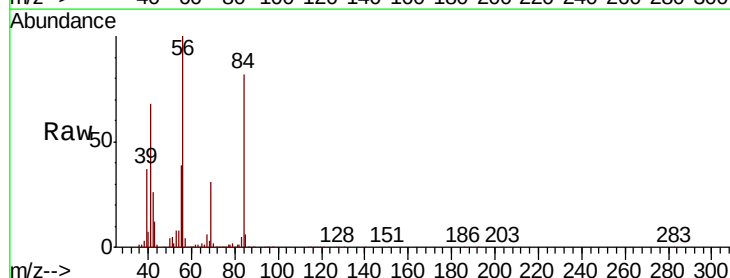
Instrument :
MSVOA_L
ClientSampleId :

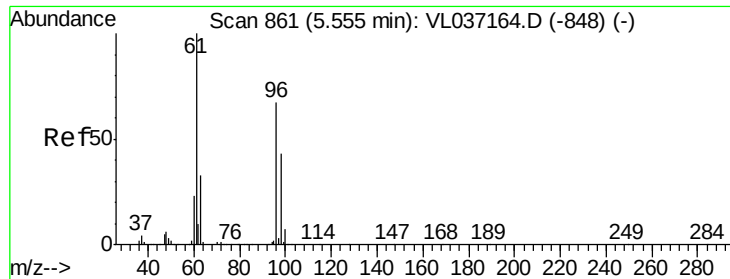
Tot Ion: 83 Resp: 2675818
Ion Ratio Lower Upper
83 100
85 62.9 53.6 80.4



#30
Cyclohexane
Concen: 9.364 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. -0.00 min
Lab File: VL037173.D
Acq: 16 Jun 2021 16:40

Tgt Ion: 84 Resp: 1420038
Ion Ratio Lower Upper
84 100
56 132.1 107.7 161.5
41 84.7 69.0 103.6



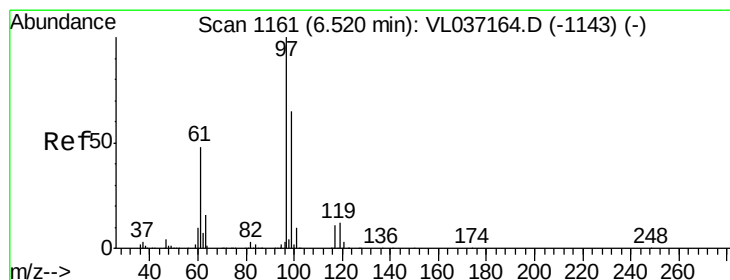
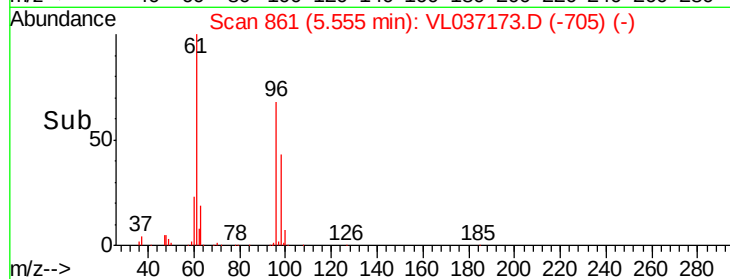
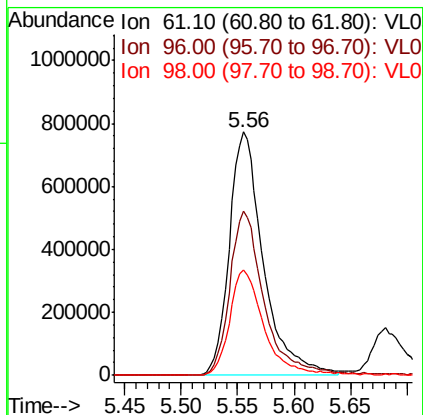
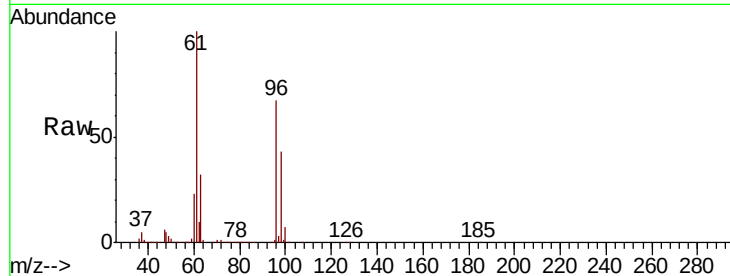


#31

cis-1,2-Dichloroethene
Concen: 9.691 ppbv
RT: 5.56 min Scan# 861
Delta R.T. -0.00 min
Lab File: VL037173.D
Acq: 16 Jun 2021 16:40

Instrument :
MSVOA_L
ClientSampled :

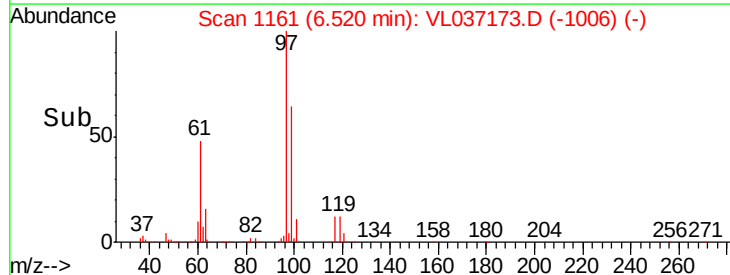
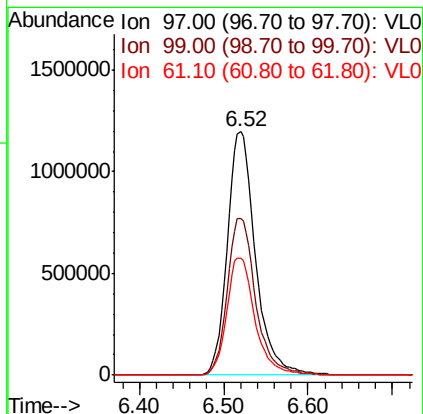
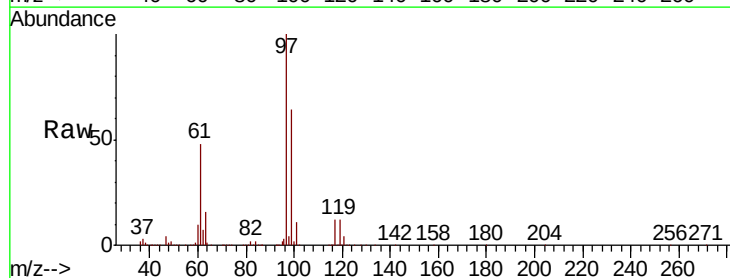
Tot Ion: 61 Resp: 1620787
Ion Ratio Lower Upper
61 100
96 67.4 53.6 80.4
98 43.3 34.7 52.1

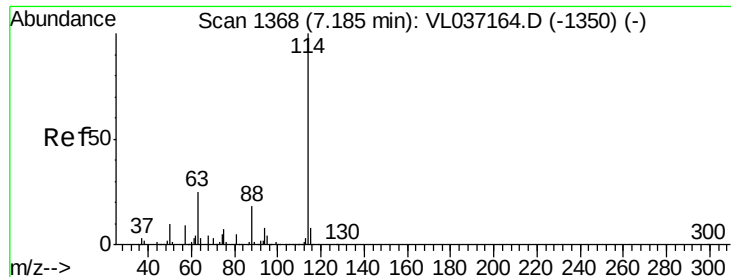


#32

1,1,1-Trichloroethane
Concen: 9.207 ppbv
RT: 6.52 min Scan# 1161
Delta R.T. -0.00 min
Lab File: VL037173.D
Acq: 16 Jun 2021 16:40

Tgt Ion: 97 Resp: 2770052
Ion Ratio Lower Upper
97 100
99 65.2 52.2 78.4
61 48.6 38.8 58.2

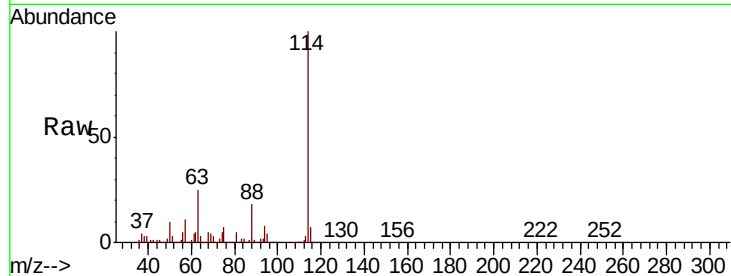




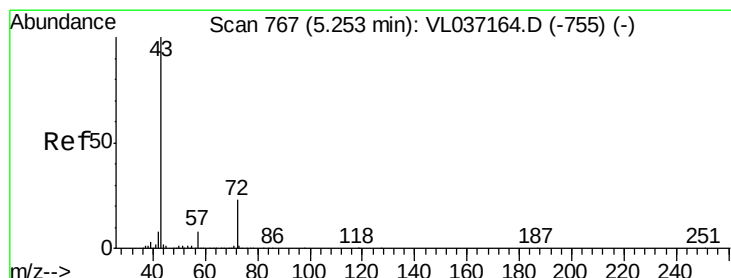
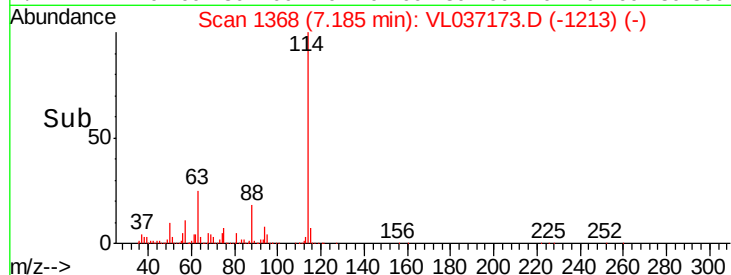
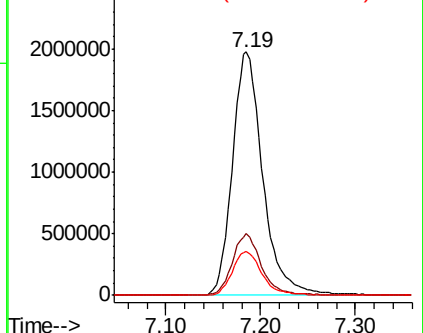
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VL037173.D
 Acq: 16 Jun 2021 16:40

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:114 Resp: 4389856
 Ion Ratio Lower Upper
 114 100
 63 24.7 19.6 29.4
 88 17.9 14.2 21.2

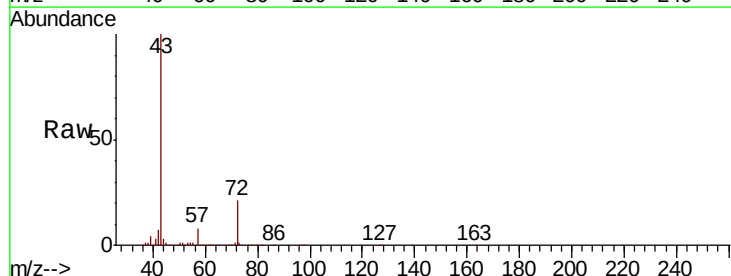


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

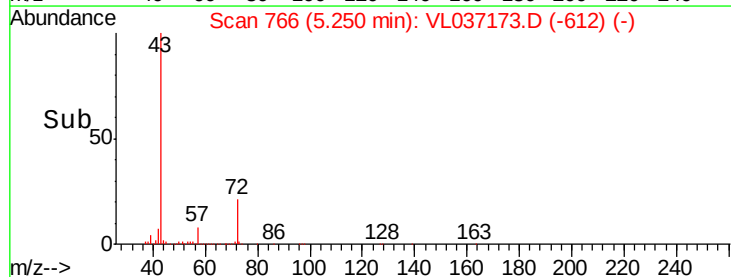
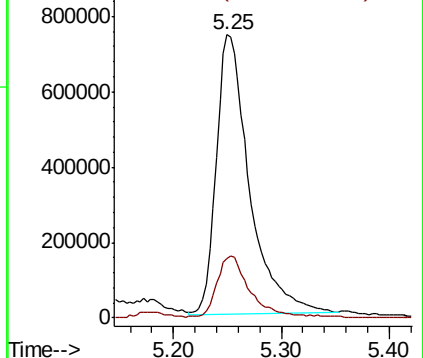


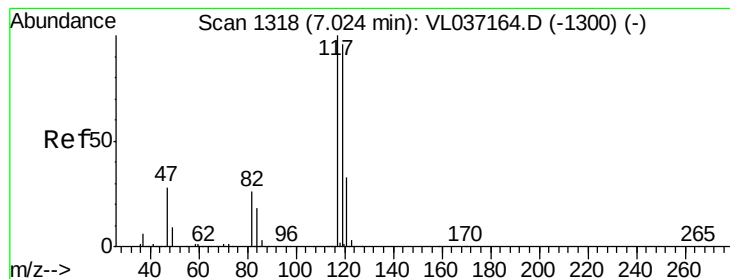
#34
 2-Butanone
 Concen: 9.269 ppbv
 RT: 5.25 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: VL037173.D
 Acq: 16 Jun 2021 16:40

Tgt Ion: 43 Resp: 1582435
 Ion Ratio Lower Upper
 43 100
 72 23.0 18.9 28.3



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





#35

Carbon Tetrachloride

Concen: 10.110 ppbv

RT: 7.02 min Scan# 1318

Delta R.T. -0.00 min

Lab File: VL037173.D

Acq: 16 Jun 2021 16:40

Instrument :

MSVOA_L

ClientSampleId :

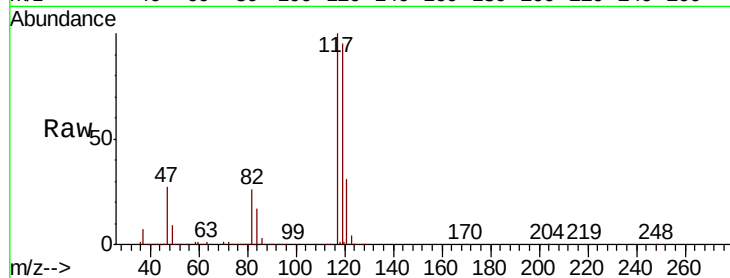
Tot Ion:117 Resp: 2976833

Ion Ratio Lower Upper

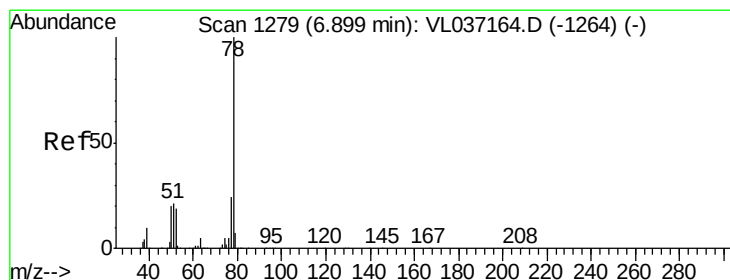
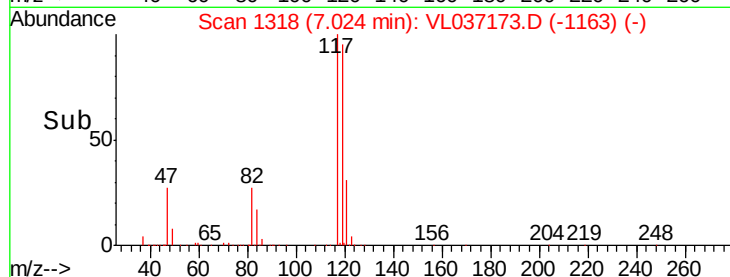
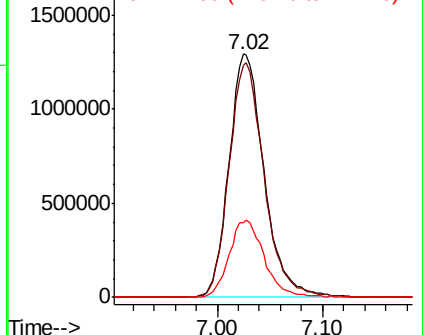
117 100

119 95.4 76.6 114.8

121 30.9 26.4 39.6



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: 9.412 ppbv

RT: 6.90 min Scan# 1279

Delta R.T. -0.00 min

Lab File: VL037173.D

Acq: 16 Jun 2021 16:40

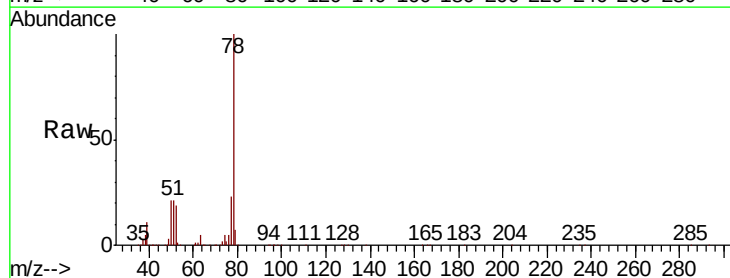
Tgt Ion: 78 Resp: 3340919

Ion Ratio Lower Upper

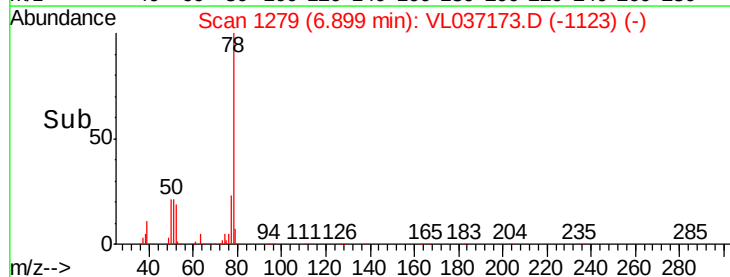
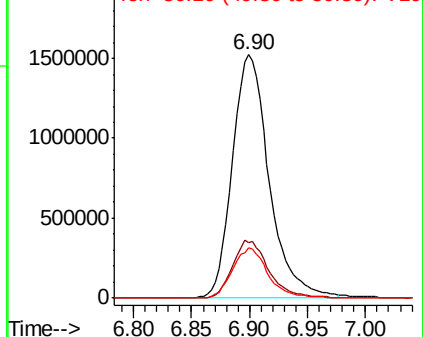
78 100

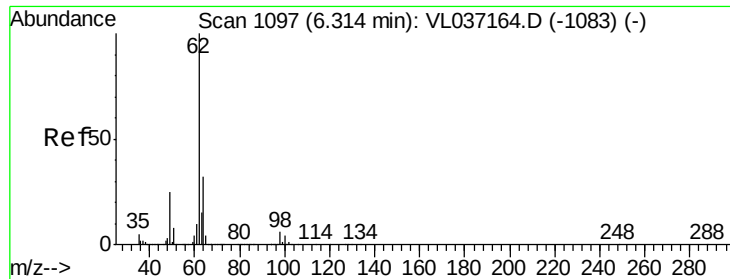
77 22.8 19.0 28.6

50 20.8 15.7 23.5



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

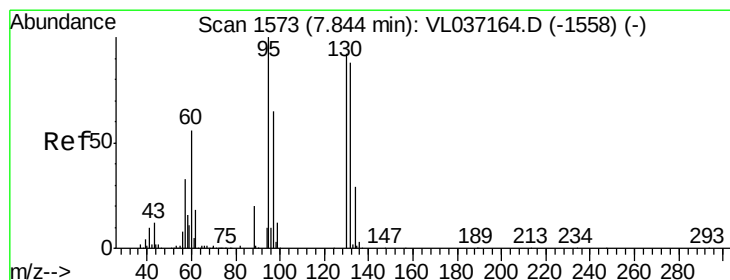
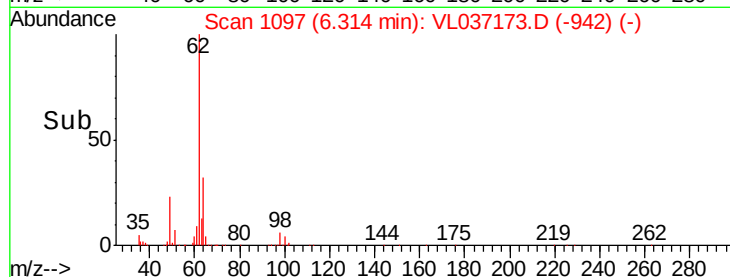
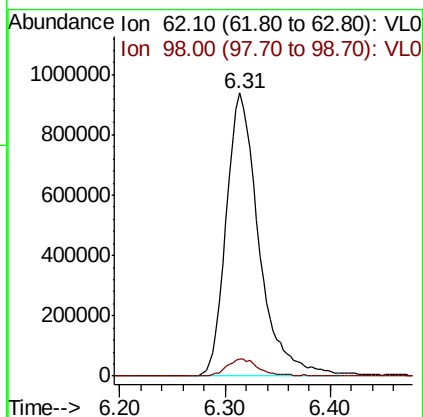
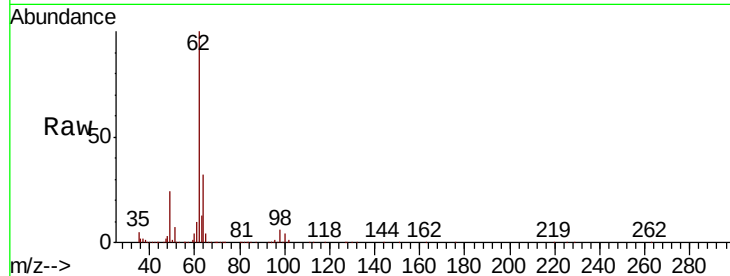




#37
1,2-Dichloroethane
Concen: 9.773 ppbv
RT: 6.31 min Scan# 1097
Delta R.T. -0.00 min
Lab File: VL037173.D
Acq: 16 Jun 2021 16:40

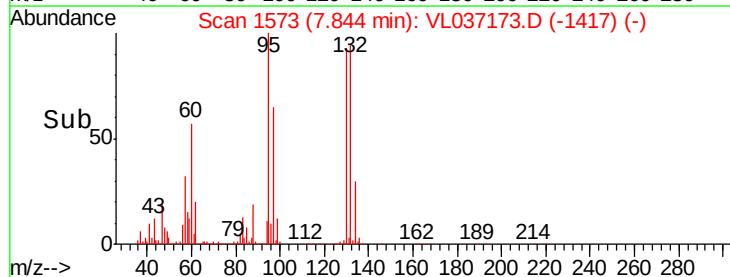
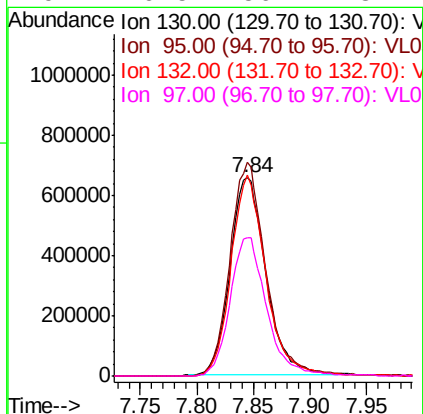
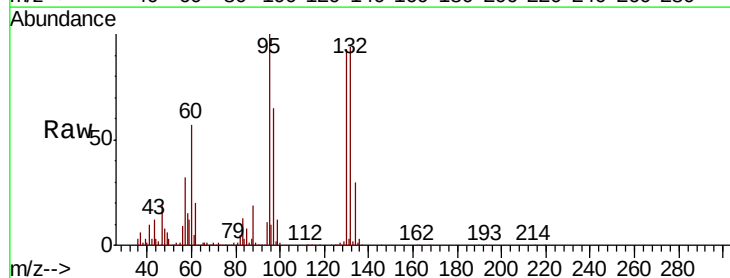
Instrument :
MSVOA_L
ClientSampled :

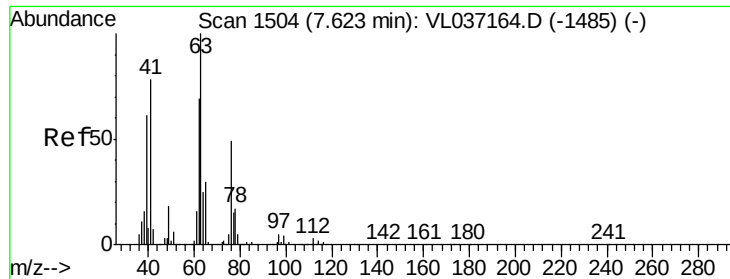
Tot Ion: 62 Resp: 2015232
Ion Ratio Lower Upper
62 100
98 6.1 5.0 7.6



#38
Trichloroethene
Concen: 8.540 ppbv
RT: 7.84 min Scan# 1573
Delta R.T. -0.00 min
Lab File: VL037173.D
Acq: 16 Jun 2021 16:40

Tgt Ion:130 Resp: 1440953
Ion Ratio Lower Upper
130 100
95 108.2 86.6 129.8
132 102.0 76.6 114.8
97 70.5 56.1 84.1





#39

1,2-Dichloropropane

Concen: 9.720 ppbv

RT: 7.62 min Scan# 1504

Delta R.T. -0.00 min

Lab File: VL037173.D

Acq: 16 Jun 2021 16:40

Instrument :

MSVOA_L

ClientSampleId :

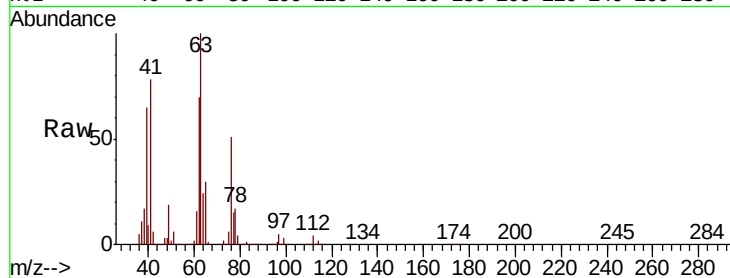
Tot Ion: 63 Resp: 1282124

Ion Ratio Lower Upper

63 100

41 77.5 62.0 93.0

62 70.5 54.9 82.3

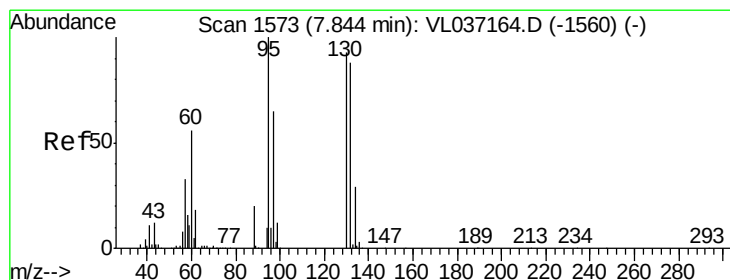
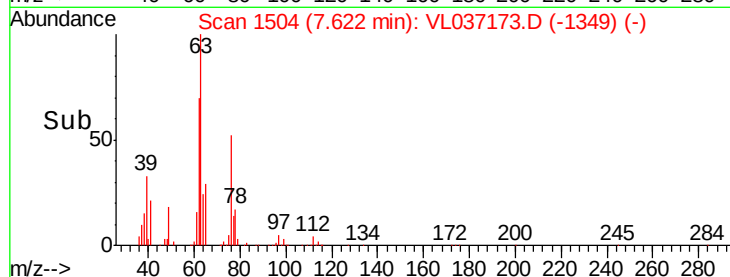
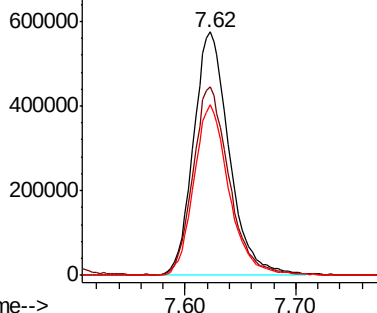


Abundance

Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#40

1,4-Dioxane

Concen: 8.517 ppbv

RT: 7.84 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VL037173.D

Acq: 16 Jun 2021 16:40

Tgt Ion: 88 Resp: 308087

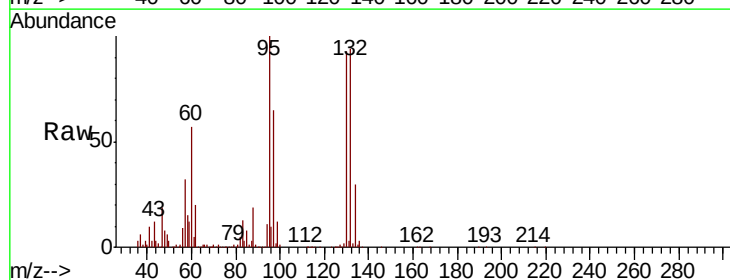
Ion Ratio Lower Upper

88 100

58 166.1 118.4 177.6

43 411.4 284.0 426.0

57 1799.0 1231.8 1847.6



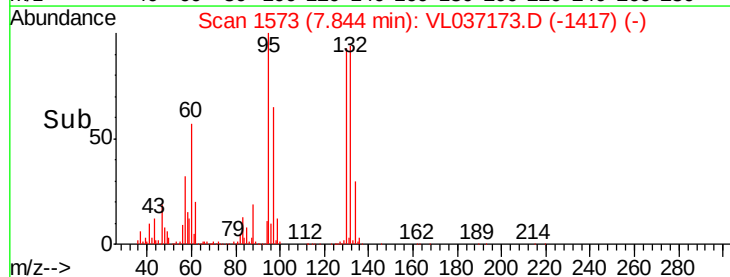
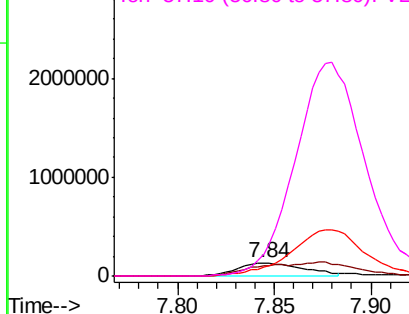
Abundance

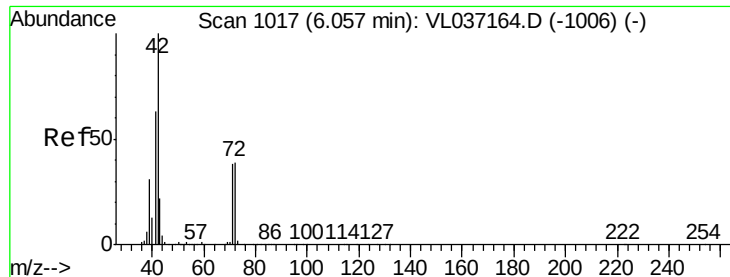
Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#41

Tetrahydrofuran

Concen: 9.835 ppbv

RT: 6.06 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VL037173.D

Acq: 16 Jun 2021 16:40

Instrument :

MSVOA_L

ClientSampleId :

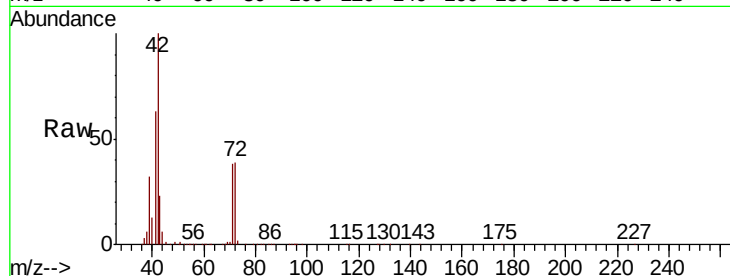
Tot Ion: 42 Resp: 779909

Ion Ratio Lower Upper

42 100

72 39.8 33.0 49.4

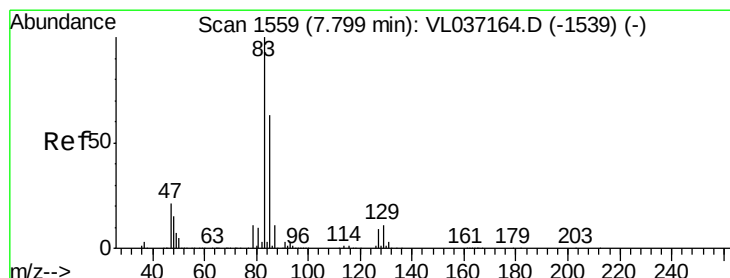
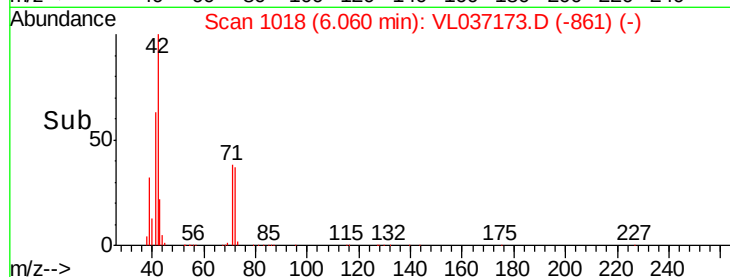
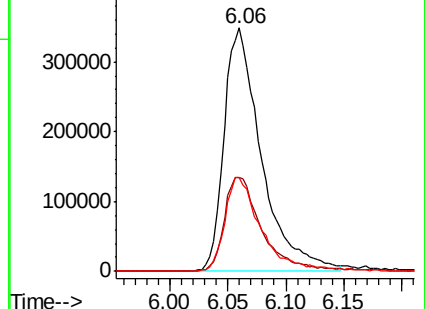
71 38.1 31.0 46.6



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: 10.057 ppbv

RT: 7.80 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VL037173.D

Acq: 16 Jun 2021 16:40

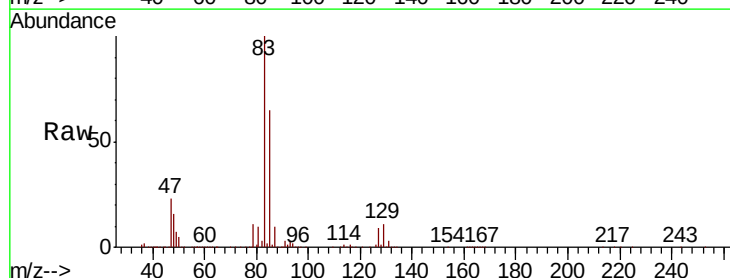
Tgt Ion: 83 Resp: 2860934

Ion Ratio Lower Upper

83 100

85 65.4 50.8 76.2

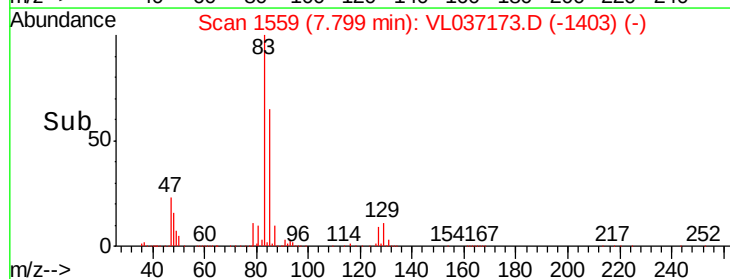
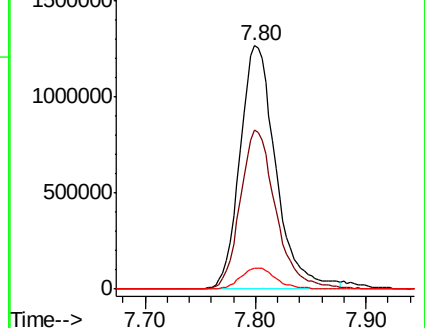
127 8.8 7.0 10.6

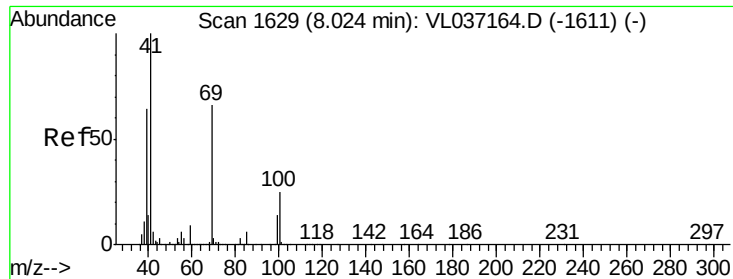


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): V

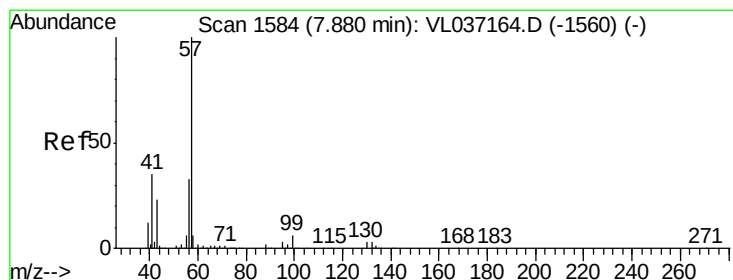
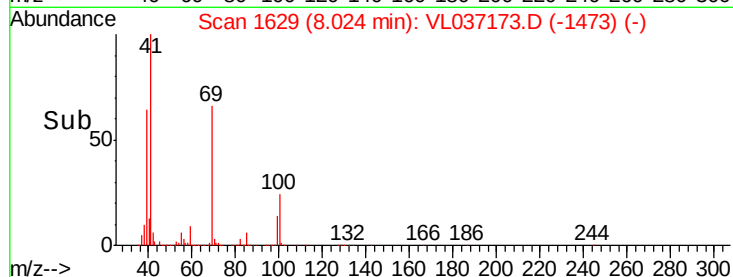
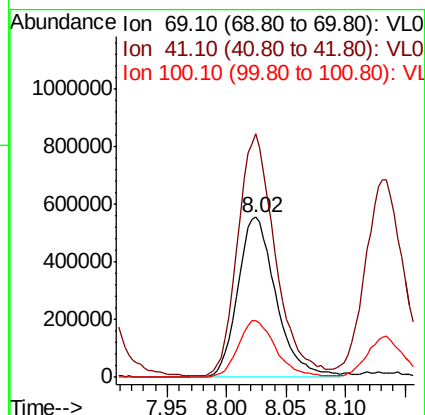
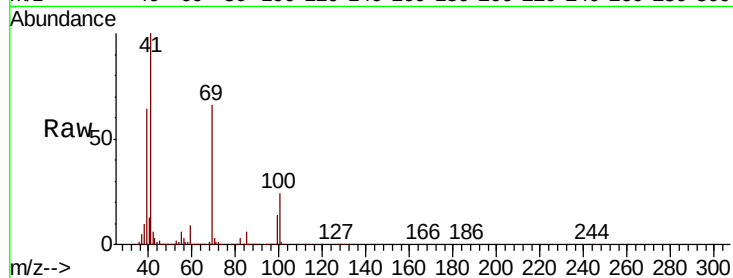




#43
Methyl Methacrylate
Concen: 10.090 ppbv
RT: 8.02 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VL037173.D
Acq: 16 Jun 2021 16:40

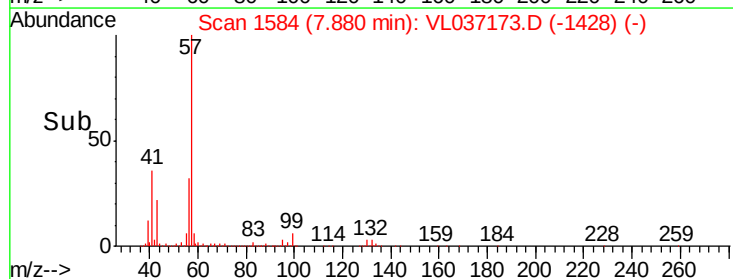
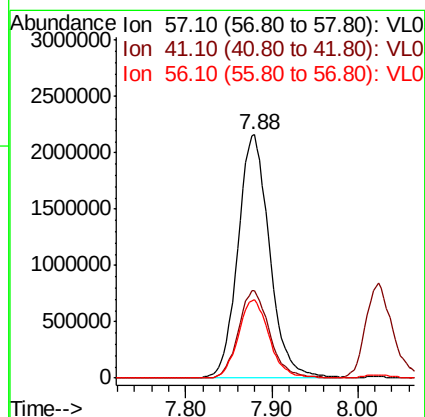
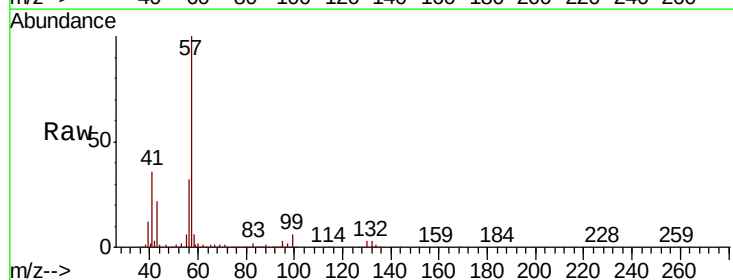
Instrument :
MSVOA_L
ClientSampleId :

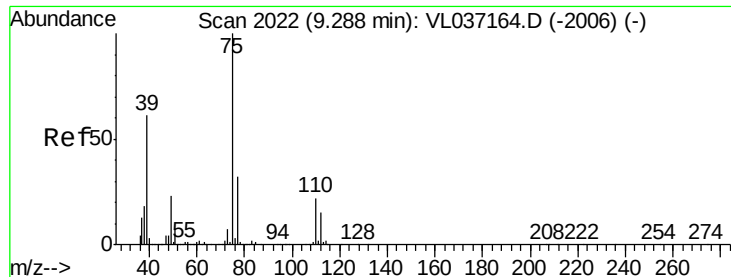
Tot Ion: 69 Resp: 1236934
Ion Ratio Lower Upper
69 100
41 149.4 119.4 179.0
100 35.2 28.6 43.0



#44
2,2,4-Trimethylpentane
Concen: 9.256 ppbv
RT: 7.88 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VL037173.D
Acq: 16 Jun 2021 16:40

Tgt Ion: 57 Resp: 5532555
Ion Ratio Lower Upper
57 100
41 35.4 27.6 41.4
56 31.5 25.3 37.9

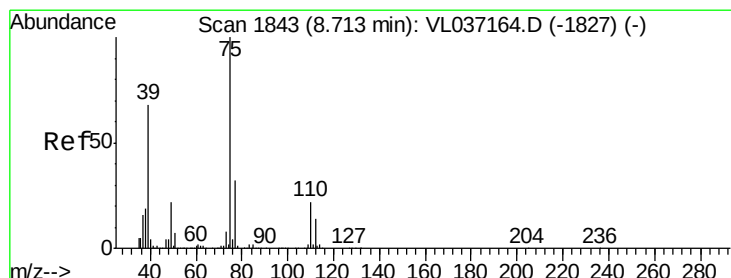
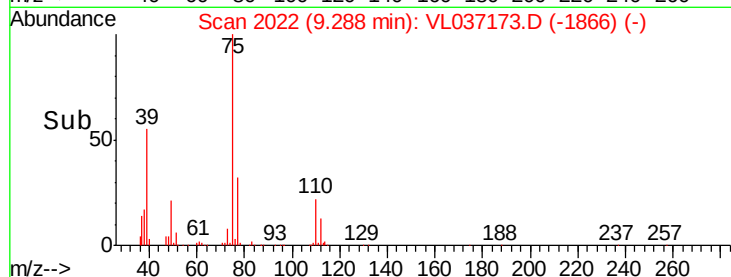
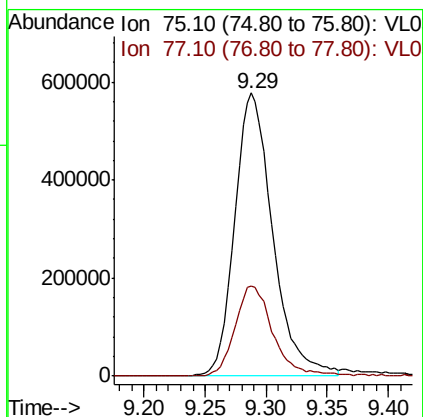
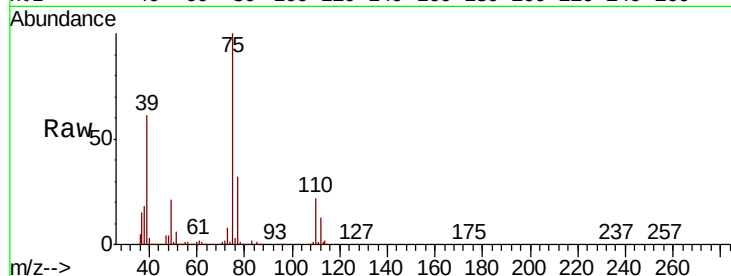




#45
 t-1,3-Dichloropropene
 Concen: 11.476 ppbv
 RT: 9.29 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: VL037173.D
 Acq: 16 Jun 2021 16:40

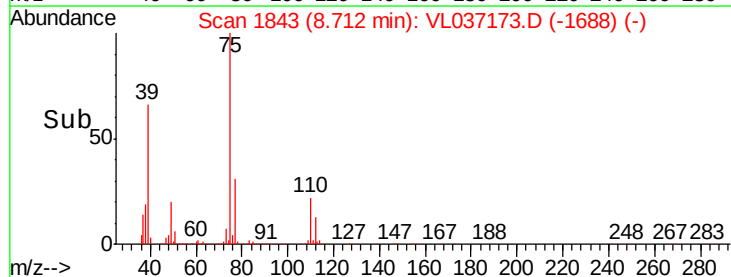
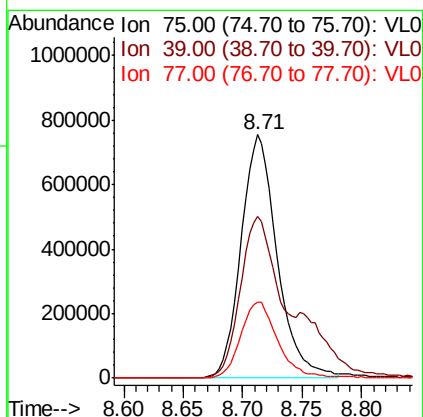
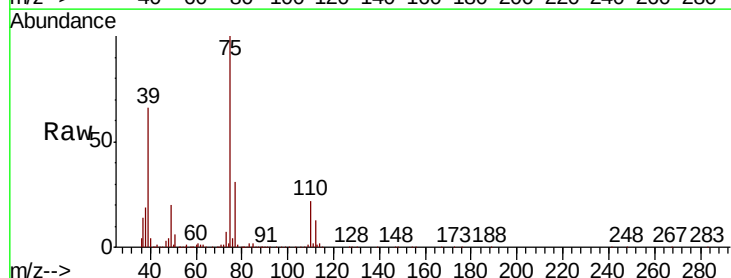
Instrument :
 MSVOA_L
 ClientSampleId :

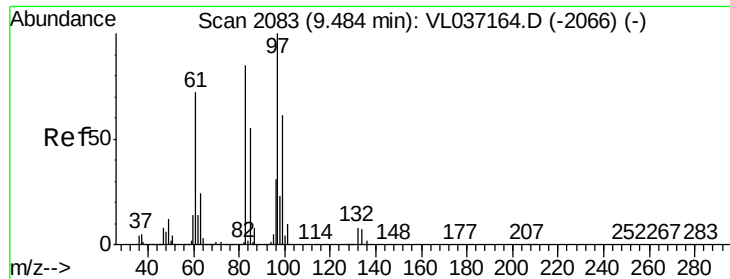
Tot Ion: 75 Resp: 1241277
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.6 38.4



#46
 cis-1,3-Dichloropropene
 Concen: 10.740 ppbv
 RT: 8.71 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VL037173.D
 Acq: 16 Jun 2021 16:40

Tgt Ion: 75 Resp: 1589048
 Ion Ratio Lower Upper
 75 100
 39 66.4 54.7 82.1
 77 31.0 25.8 38.8

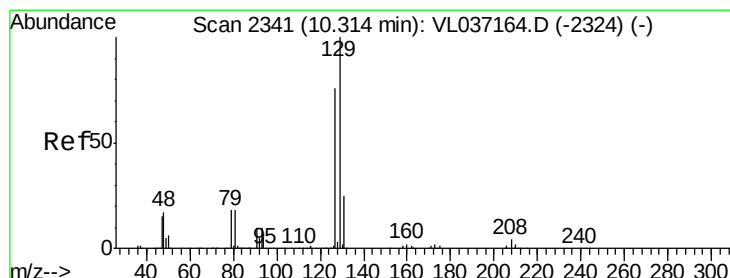
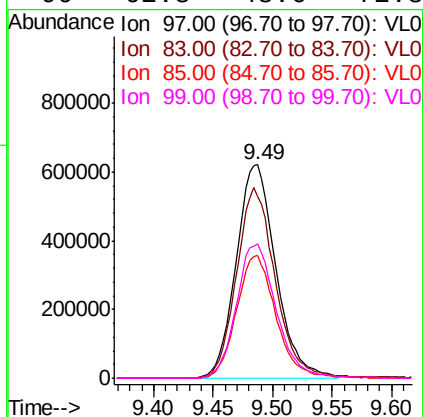
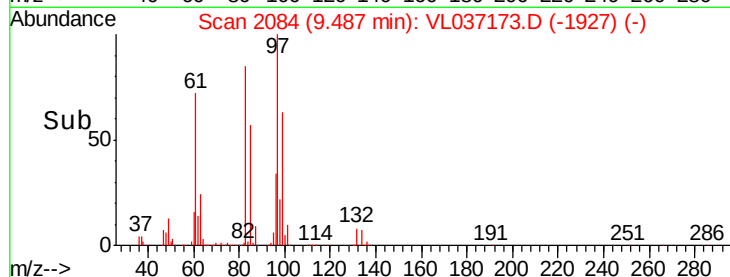
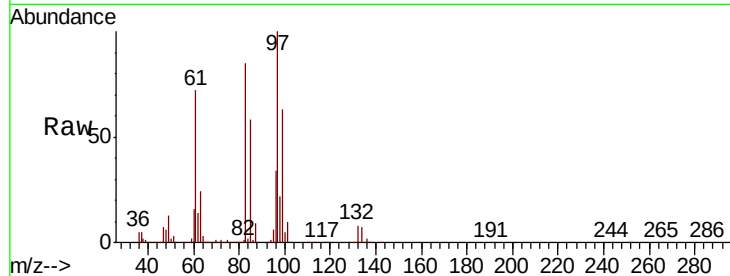




#47
 1,1,2-Trichloroethane
 Concen: 9.516 ppbv
 RT: 9.49 min Scan# 2084
 Delta R.T. 0.00 min
 Lab File: VL037173.D
 Acq: 16 Jun 2021 16:40

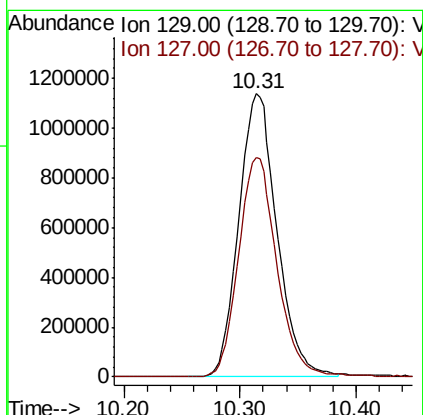
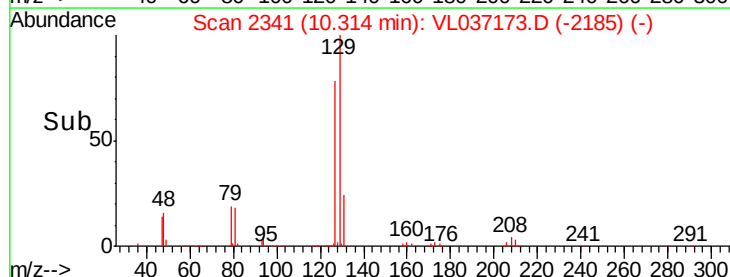
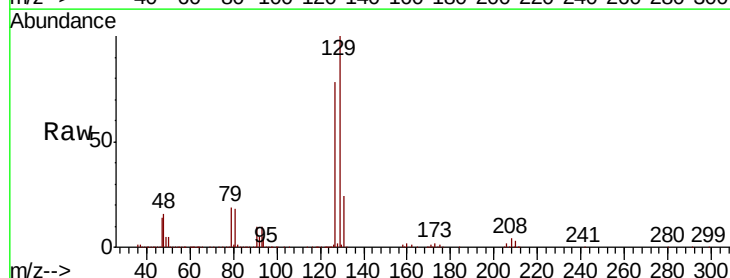
Instrument :
 MSVOA_L
 ClientSampleId :

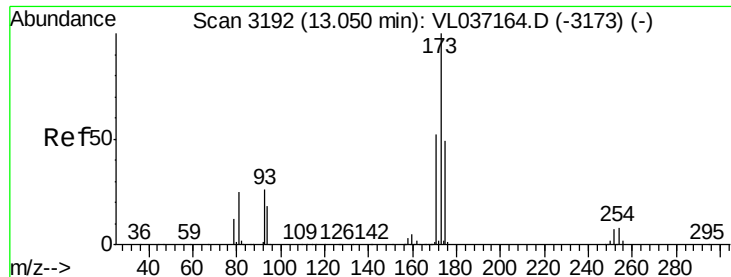
Tot Ion: 97 Resp: 1431980
 Ion Ratio Lower Upper
 97 100
 83 85.0 68.3 102.5
 85 57.5 44.1 66.1
 99 62.8 48.6 72.8



#48
 Dibromochloromethane
 Concen: 10.944 ppbv
 RT: 10.31 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: VL037173.D
 Acq: 16 Jun 2021 16:40

Tgt Ion: 129 Resp: 2599730
 Ion Ratio Lower Upper
 129 100
 127 78.5 39.1 117.2





#49

Bromoform

Concen: 11.978 ppbv

RT: 13.05 min Scan# 3192

Delta R.T. -0.00 min

Lab File: VL037173.D

Acq: 16 Jun 2021 16:40

Instrument :

MSVOA_L

ClientSampled :

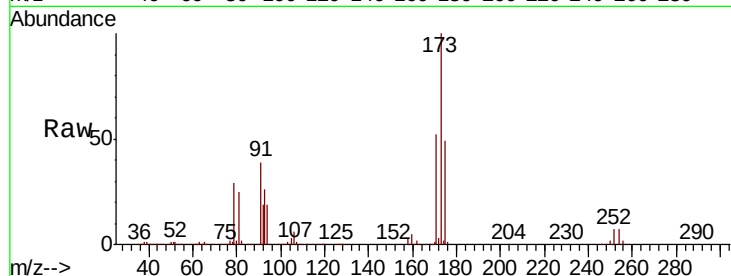
Tot Ion:173 Resp: 2119843

Ion Ratio Lower Upper

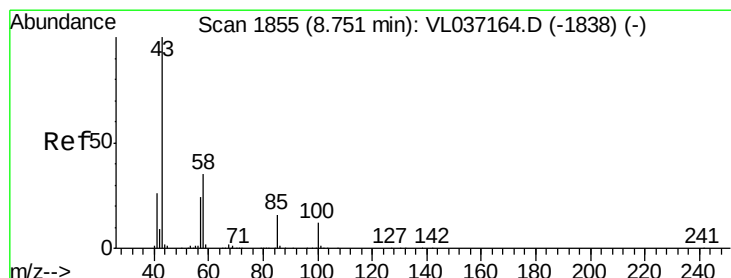
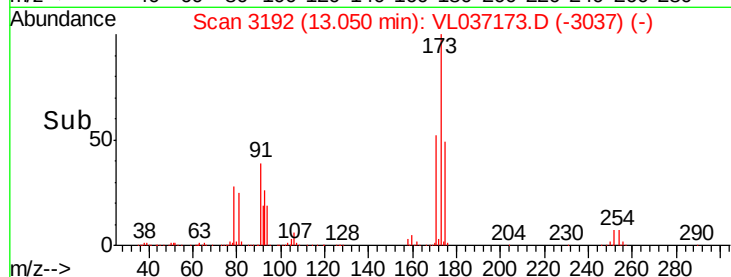
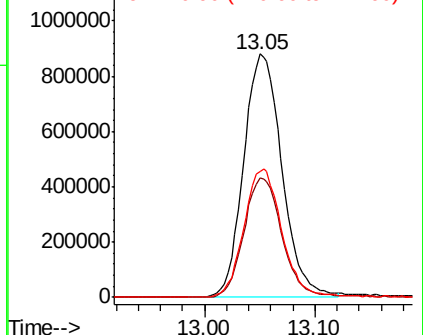
173 100

175 49.4 40.2 60.4

171 52.8 41.8 62.8



Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 9.995 ppbv

RT: 8.75 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VL037173.D

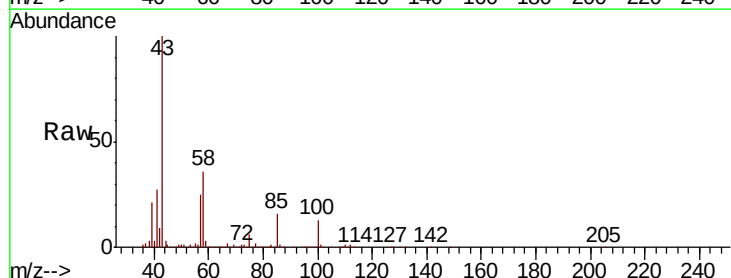
Acq: 16 Jun 2021 16:40

Tgt Ion: 43 Resp: 2343809

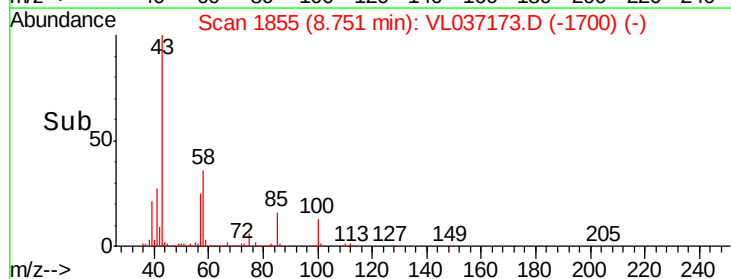
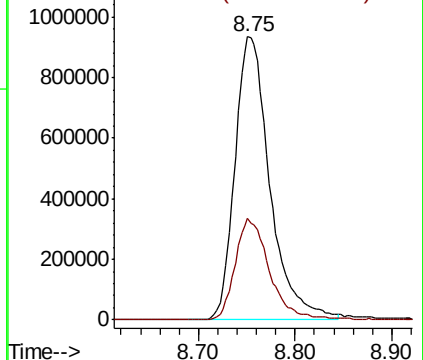
Ion Ratio Lower Upper

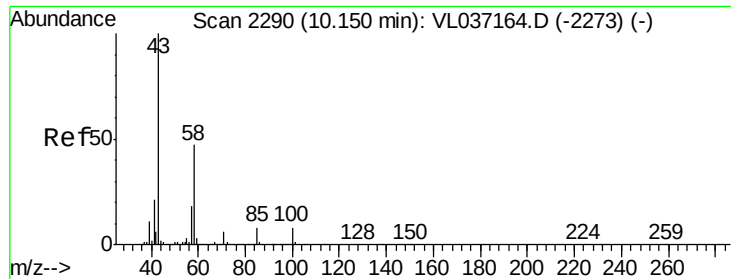
43 100

58 35.8 28.4 42.6



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

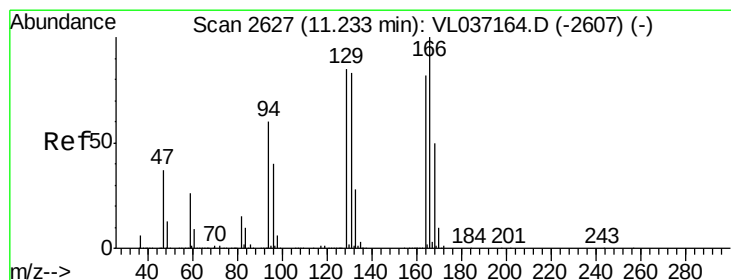
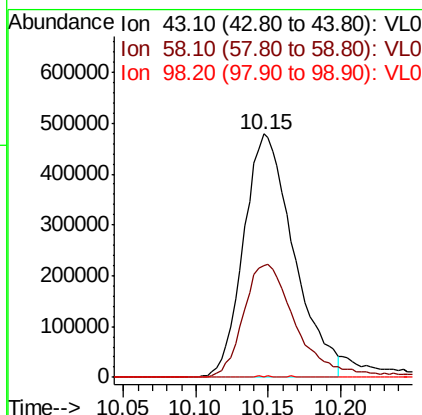
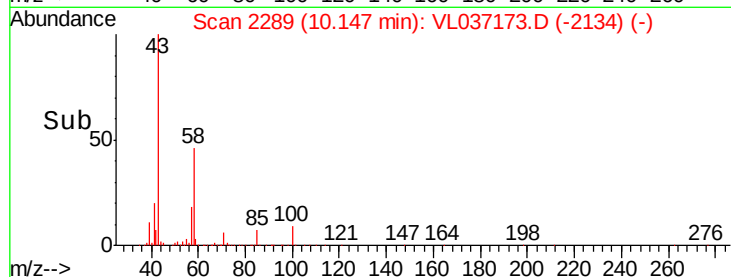
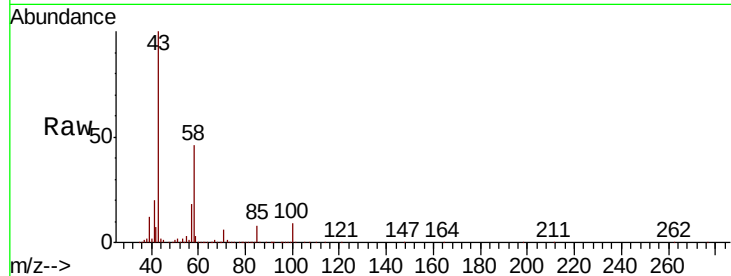




#51
2-Hexanone
Concen: 10.065 ppbv
RT: 10.15 min Scan# 2289
Delta R.T. -0.00 min
Lab File: VL037173.D
Acq: 16 Jun 2021 16:40

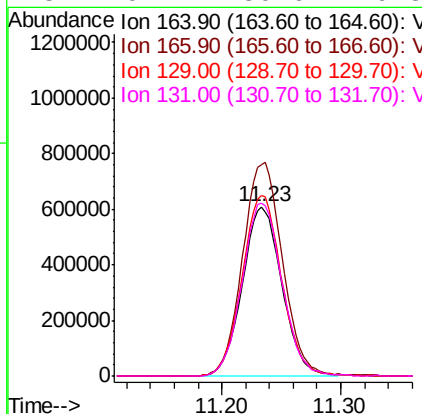
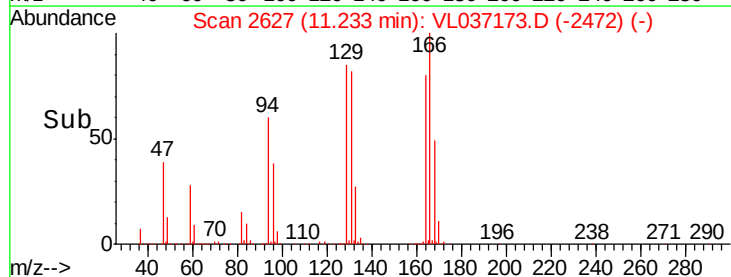
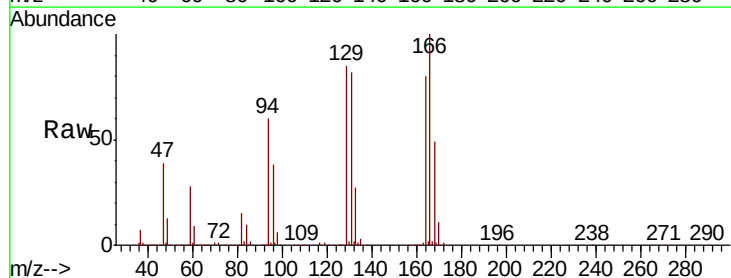
Instrument :
MSVOA_L
ClientSampleId :

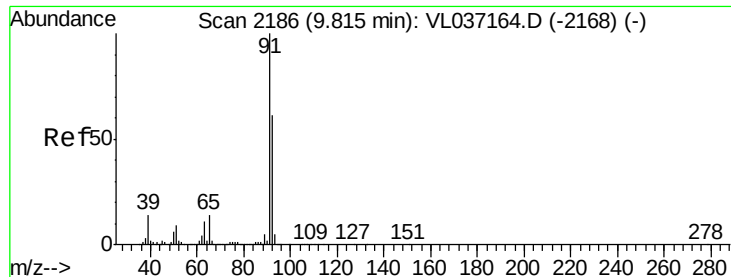
Tot Ion: 43 Resp: 1148379
Ion Ratio Lower Upper
43 100
58 50.2 38.4 57.6
98 0.6 0.3 0.5#



#52
Tetrachloroethene
Concen: 8.463 ppbv
RT: 11.23 min Scan# 2627
Delta R.T. -0.00 min
Lab File: VL037173.D
Acq: 16 Jun 2021 16:40

Tgt Ion:164 Resp: 1395947
Ion Ratio Lower Upper
164 100
166 124.7 97.6 146.4
129 106.2 82.9 124.3
131 101.7 80.6 120.8





#53

Toluene

Concen: 9.528 ppbv

RT: 9.82 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VL037173.D

Acq: 16 Jun 2021 16:40

Instrument :

MSVOA_L

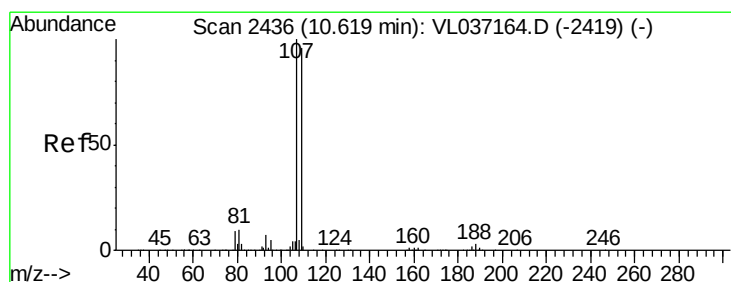
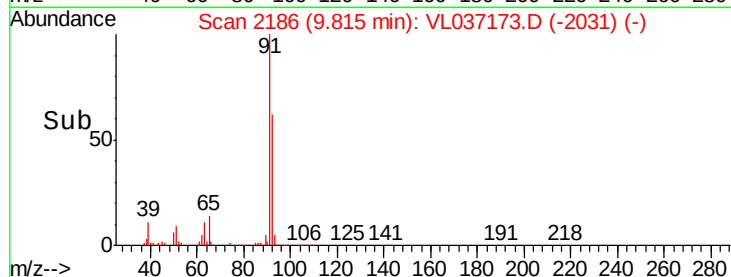
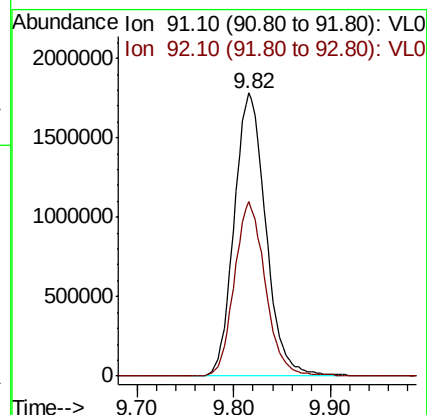
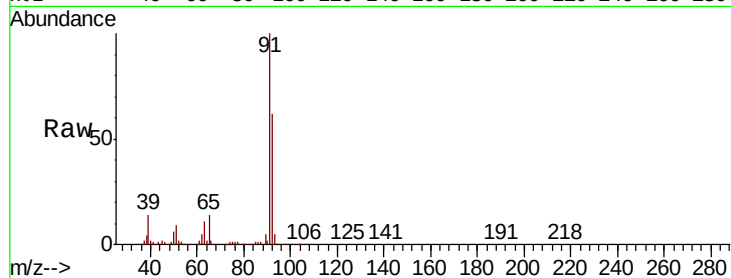
ClientSampleId :

Tot Ion: 91 Resp: 4040236

Ion Ratio Lower Upper

91 100

92 60.6 48.3 72.5



#54

1,2-Dibromoethane

Concen: 9.885 ppbv

RT: 10.62 min Scan# 2437

Delta R.T. 0.00 min

Lab File: VL037173.D

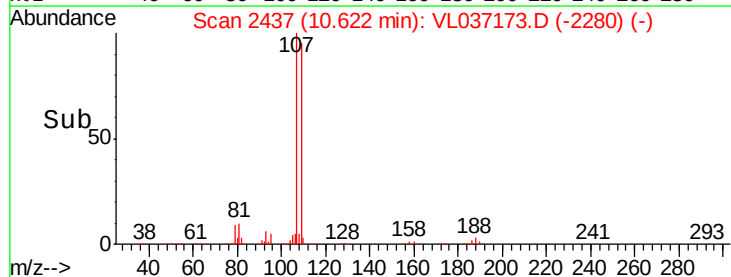
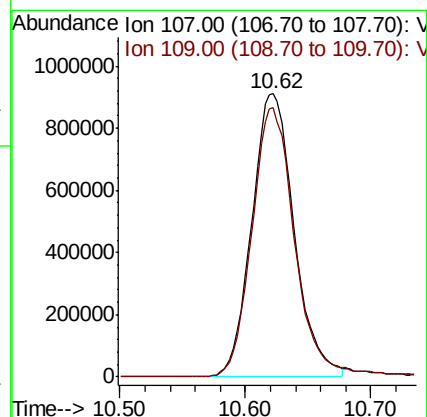
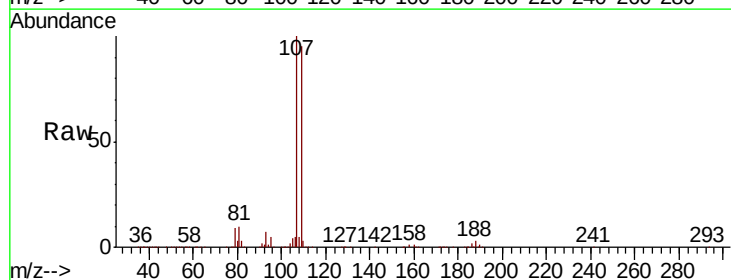
Acq: 16 Jun 2021 16:40

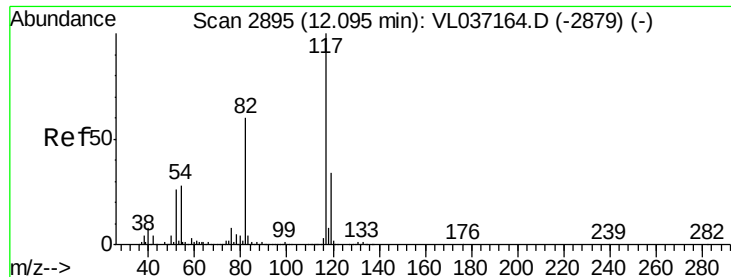
Tgt Ion: 107 Resp: 2137764

Ion Ratio Lower Upper

107 100

109 95.3 77.0 115.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2895

Delta R.T. -0.00 min

Lab File: VL037173.D

Acq: 16 Jun 2021 16:40

Instrument :

MSVOA_L

ClientSampleId :

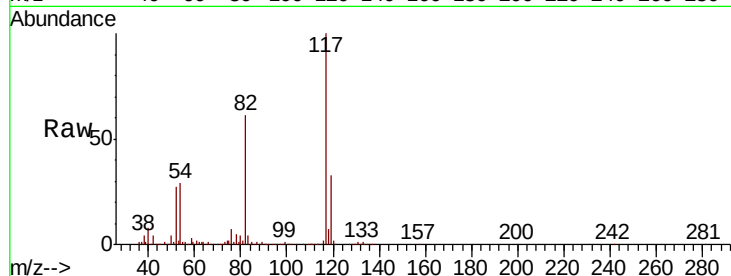
Tot Ion:117 Resp: 5105698

Ion Ratio Lower Upper

117 100

82 51.5 51.7 77.5#

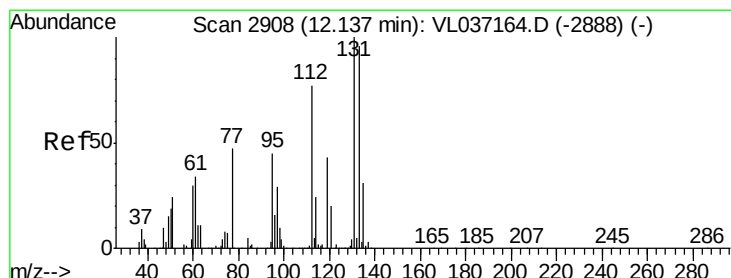
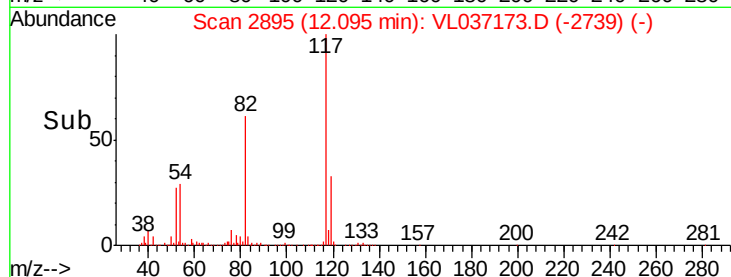
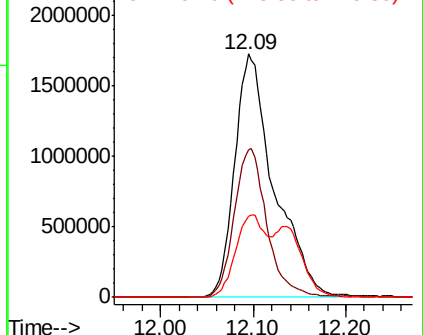
119 47.6 47.6 71.4



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#56

1,1,1,2-Tetrachloroethane

Concen: 7.849 ppbv

RT: 12.14 min Scan# 2908

Delta R.T. -0.00 min

Lab File: VL037173.D

Acq: 16 Jun 2021 16:40

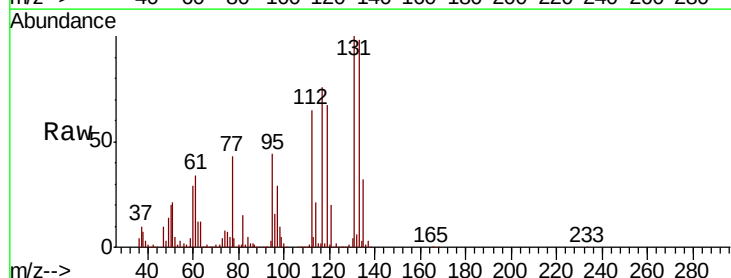
Tgt Ion:131 Resp: 1752230

Ion Ratio Lower Upper

131 100

133 96.3 76.5 114.7

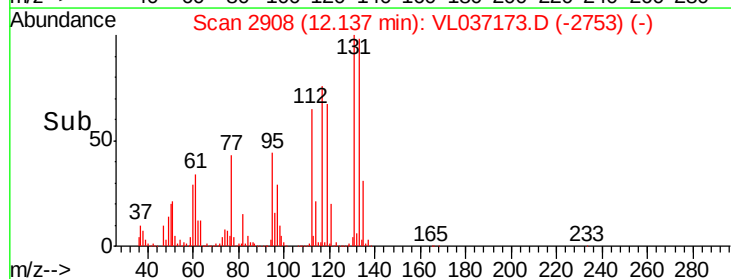
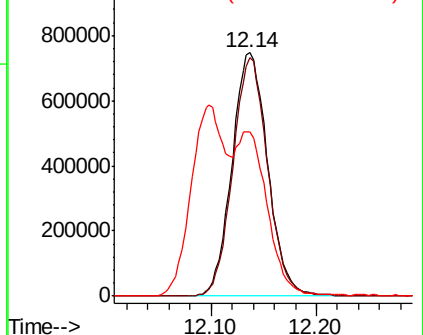
119 58.7 48.6 72.8

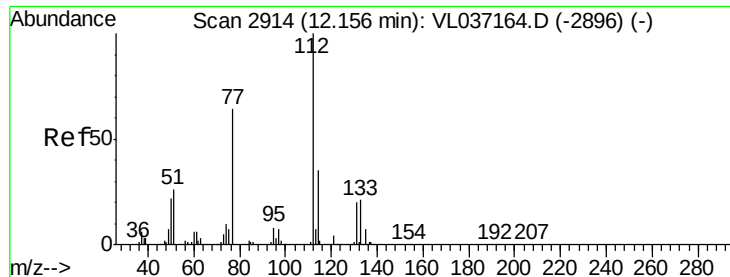


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

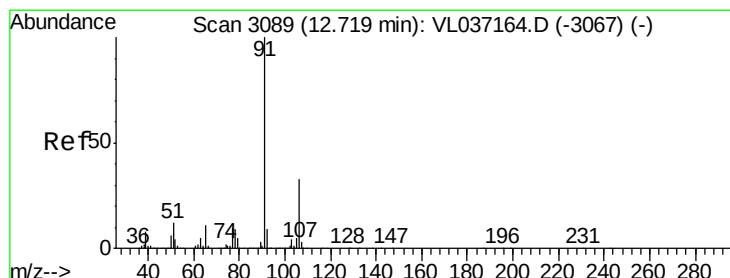
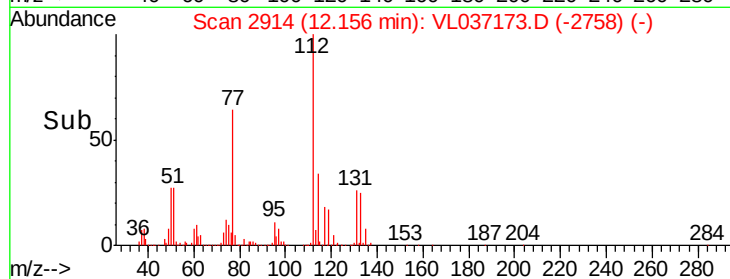
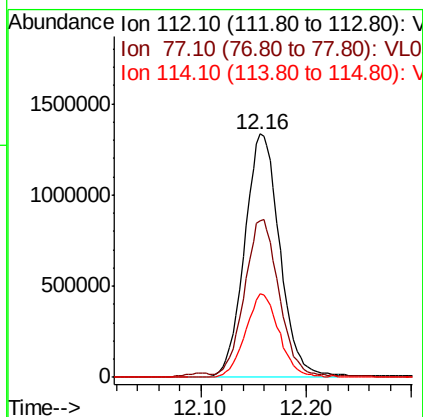
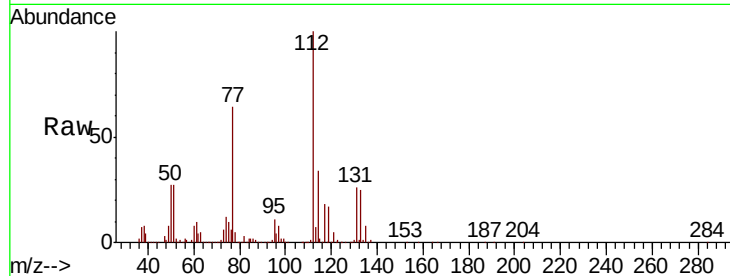




#57
Chlorobenzene
Concen: 7.498 ppbv
RT: 12.16 min Scan# 2914
Delta R.T. -0.00 min
Lab File: VL037173.D
Acq: 16 Jun 2021 16:40

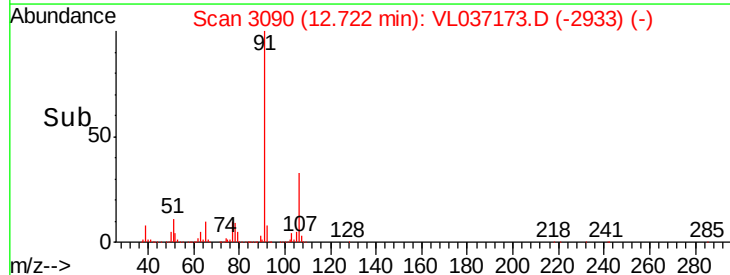
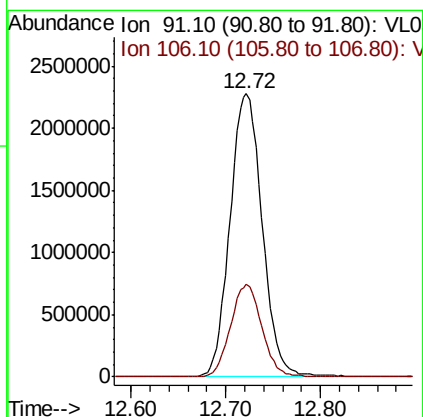
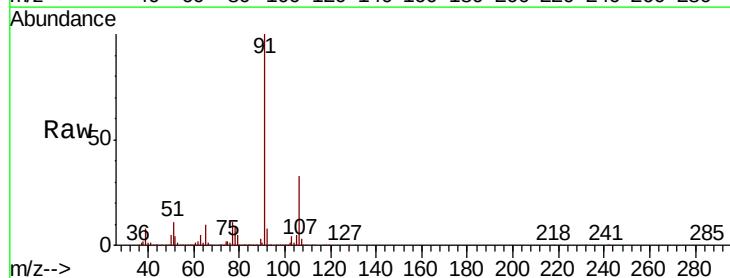
Instrument :
MSVOA_L
ClientSampleId :

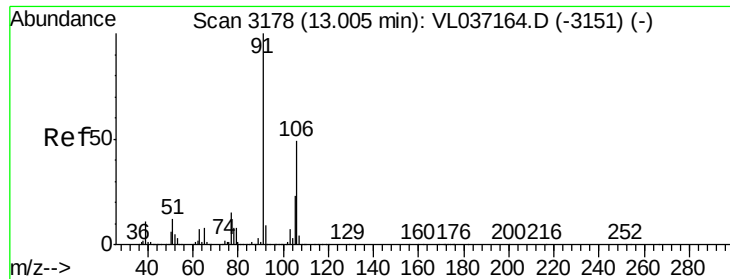
Tot Ion:112 Resp: 3104837
Ion Ratio Lower Upper
112 100
77 63.4 52.2 78.4
114 34.0 31.1 38.1



#58
Ethyl Benzene
Concen: 7.669 ppbv
RT: 12.72 min Scan# 3090
Delta R.T. 0.00 min
Lab File: VL037173.D
Acq: 16 Jun 2021 16:40

Tgt Ion: 91 Resp: 5390384
Ion Ratio Lower Upper
91 100
106 32.8 26.3 39.5

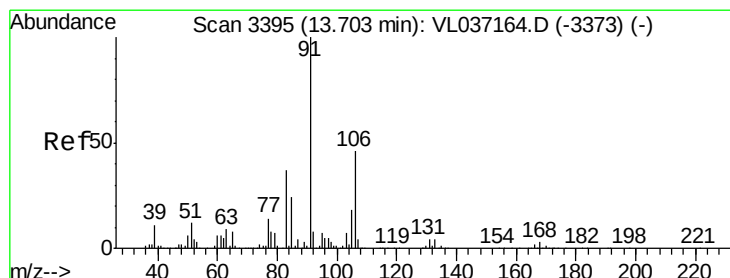
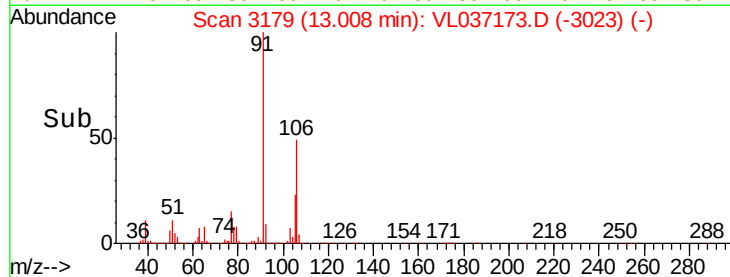
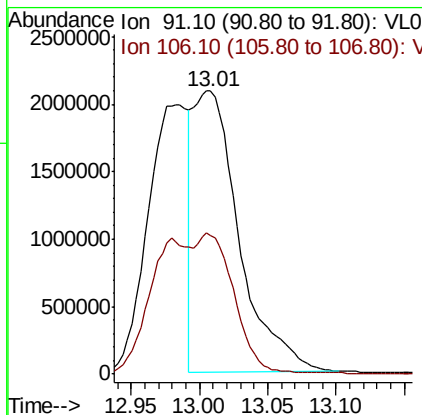
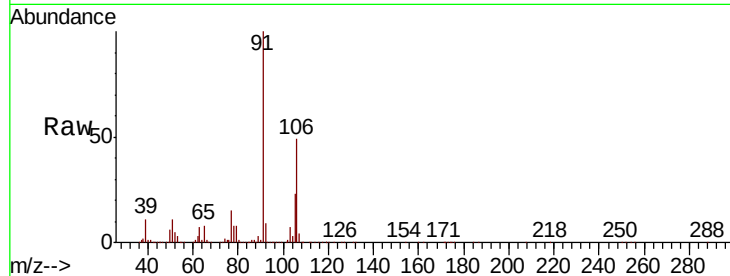




#59
m/p-Xylene
Concen: 8.140 ppbv
RT: 13.01 min Scan# 3179
Delta R.T. 0.00 min
Lab File: VL037173.D
Acq: 16 Jun 2021 16:40

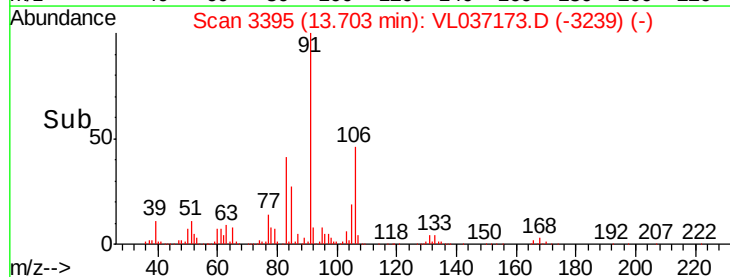
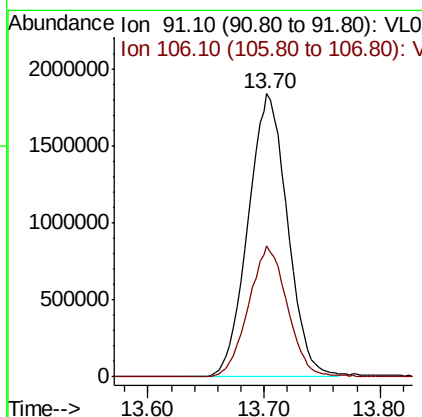
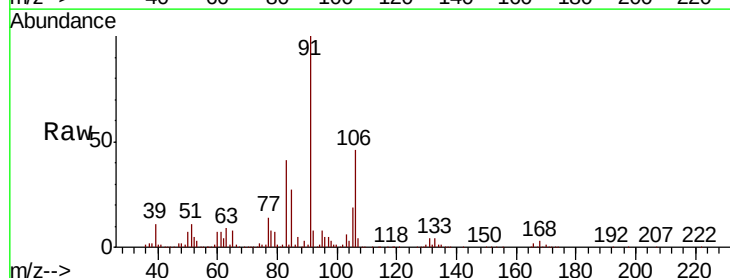
Instrument :
MSVOA_L
ClientSampled :

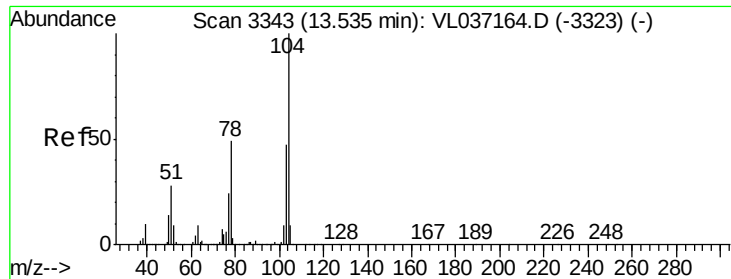
Tot Ion: 91 Resp: 4848627
Ion Ratio Lower Upper
91 100
106 85.8 37.0 55.4#



#60
o-Xylene
Concen: 7.628 ppbv
RT: 13.70 min Scan# 3395
Delta R.T. -0.00 min
Lab File: VL037173.D
Acq: 16 Jun 2021 16:40

Tgt Ion: 91 Resp: 4326090
Ion Ratio Lower Upper
91 100
106 45.9 23.0 69.0

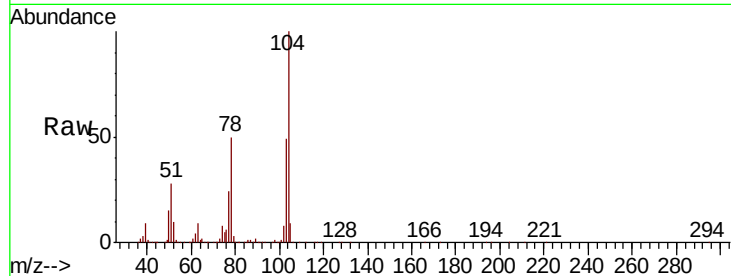




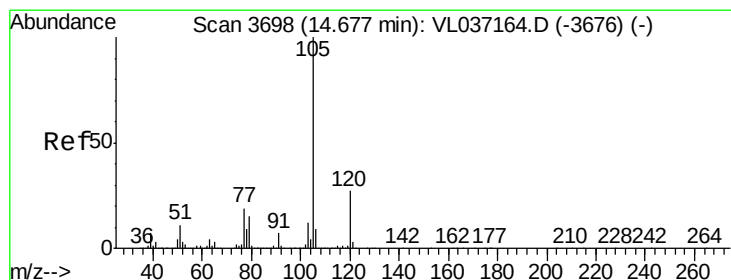
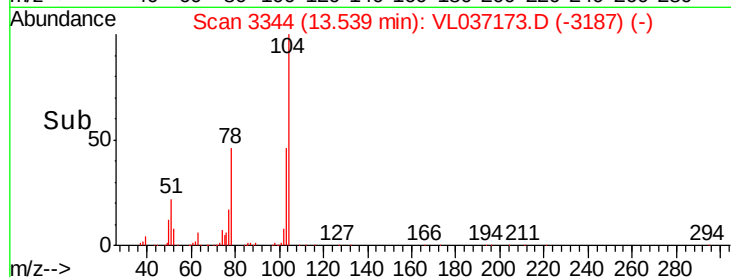
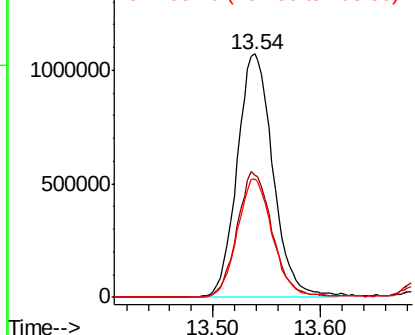
#61
Stvrene
Concen: 8.473 ppbv
RT: 13.54 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VL037173.D
Acq: 16 Jun 2021 16:40

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:104 Resp: 2480189
Ion Ratio Lower Upper
104 100
78 51.2 39.7 59.5
103 48.3 37.6 56.4

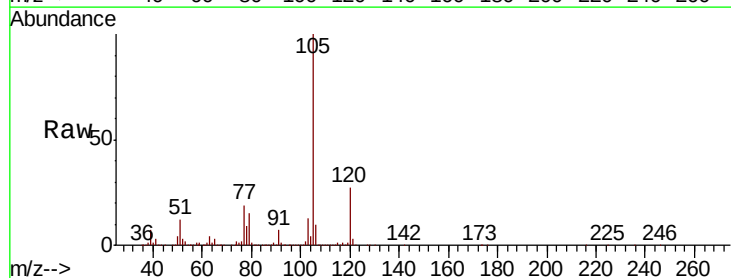


Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VL0
Ion 103.10 (102.80 to 103.80): V

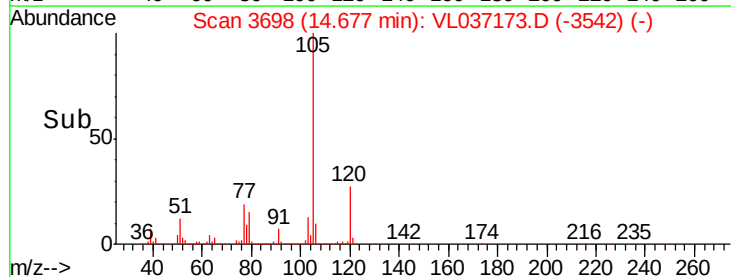
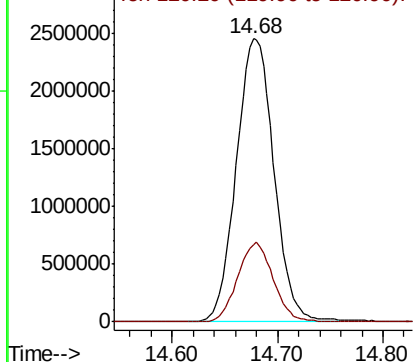


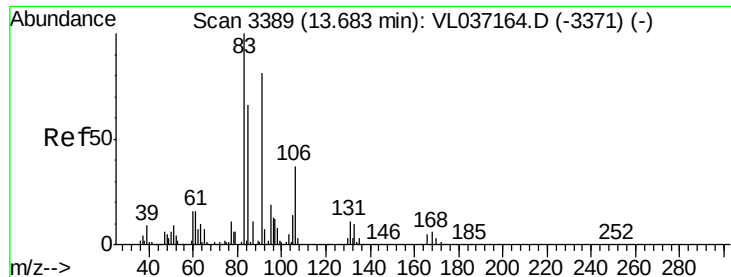
#62
Isopropylbenzene
Concen: 7.539 ppbv
RT: 14.68 min Scan# 3698
Delta R.T. -0.00 min
Lab File: VL037173.D
Acq: 16 Jun 2021 16:40

Tgt Ion:105 Resp: 6080208
Ion Ratio Lower Upper
105 100
120 26.8 21.6 32.4



Abundance Ion 105.10 (104.80 to 105.80): V
Ion 120.20 (119.90 to 120.90): V

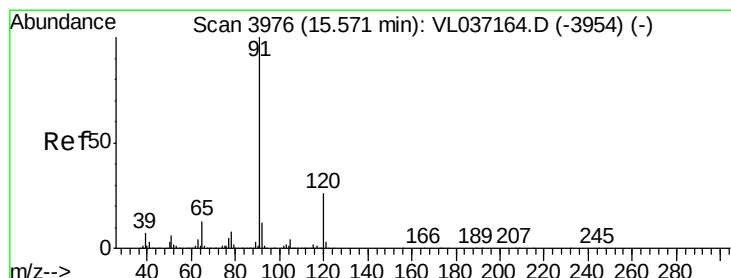
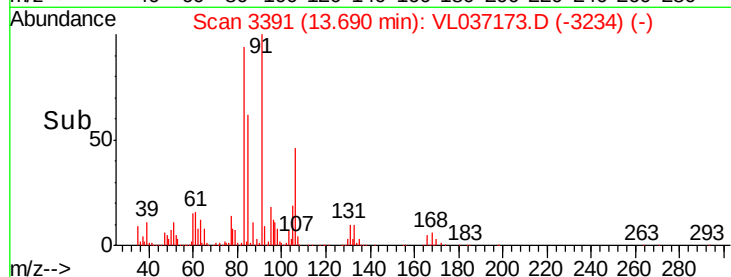
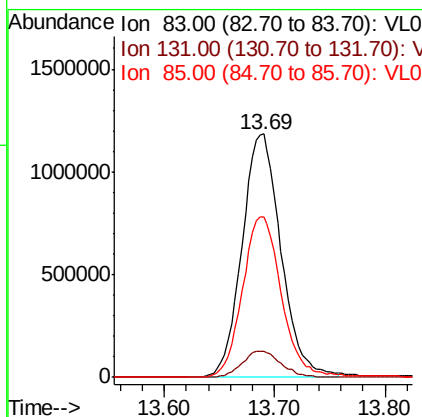
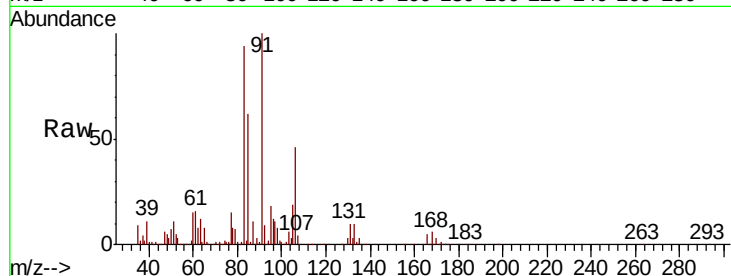




#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.657 ppbv
 RT: 13.69 min Scan# 3391
 Delta R.T. 0.01 min
 Lab File: VL037173.D
 Acq: 16 Jun 2021 16:40

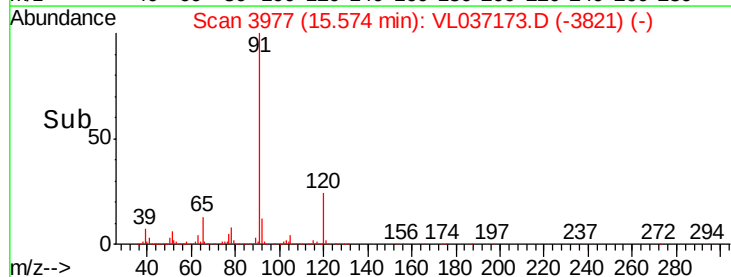
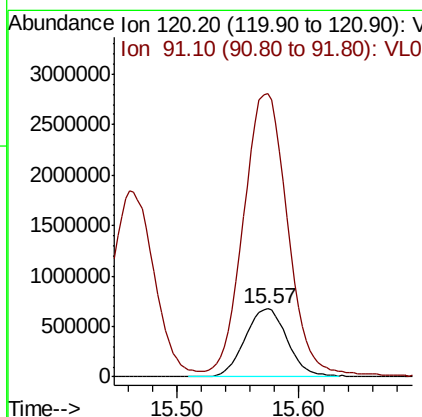
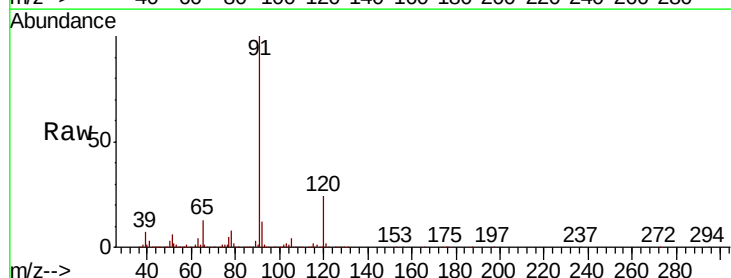
Instrument :
 MSVOA_L
 ClientSampleId :

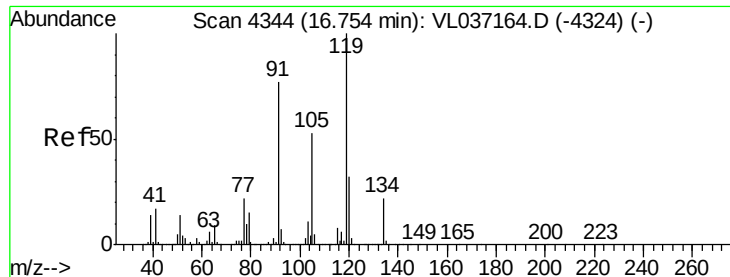
Tot Ion: 83 Resp: 2891614
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.4 16.2
 85 67.1 33.1 99.2



#64
 n-propylbenzene
 Concen: 8.038 ppbv
 RT: 15.57 min Scan# 3977
 Delta R.T. 0.00 min
 Lab File: VL037173.D
 Acq: 16 Jun 2021 16:40

Tgt Ion:120 Resp: 1623447
 Ion Ratio Lower Upper
 120 100
 91 436.6 343.3 514.9





#65

tert-Butylbenzene

Concen: 7.762 ppbv

RT: 16.76 min Scan# 4345

Delta R.T. 0.00 min

Lab File: VL037173.D

Acq: 16 Jun 2021 16:40

Instrument :

MSVOA_L

ClientSampled :

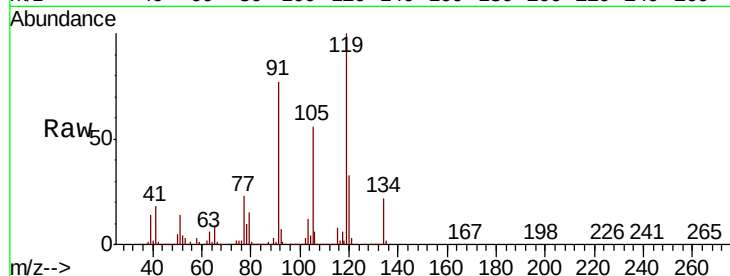
Tot Ion:119 Resp: 5552131

Ion Ratio Lower Upper

119 100

91 78.4 62.6 93.8

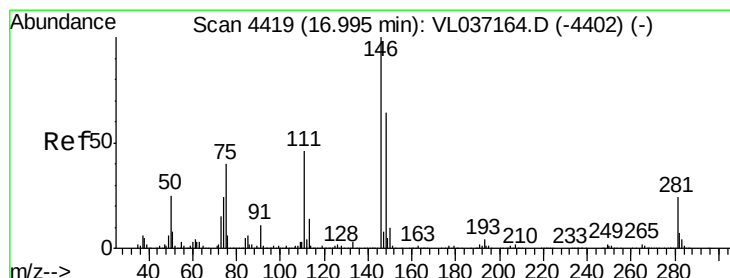
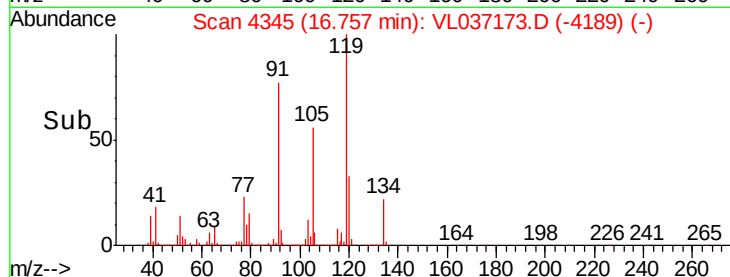
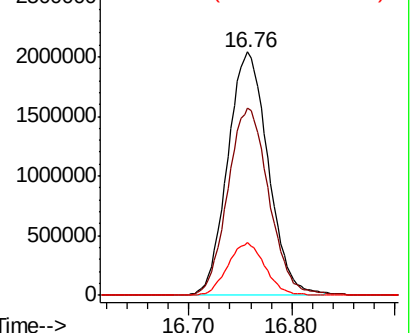
134 20.2 16.2 24.4



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: 8.375 ppbv

RT: 17.00 min Scan# 4420

Delta R.T. 0.00 min

Lab File: VL037173.D

Acq: 16 Jun 2021 16:40

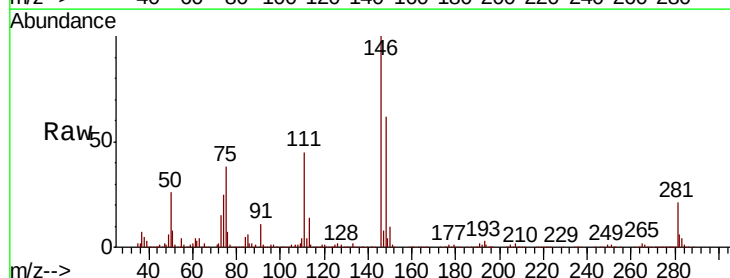
Tgt Ion: 91 Resp: 253845

Ion Ratio Lower Upper

91 100

126 19.6 15.5 23.3

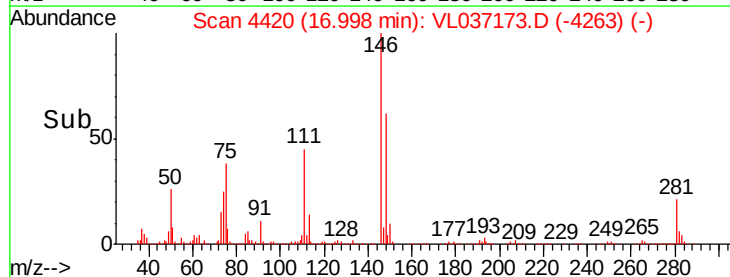
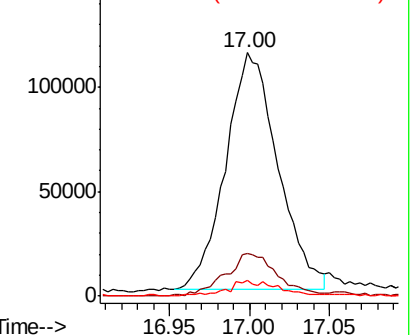
128 6.2 5.7 8.5

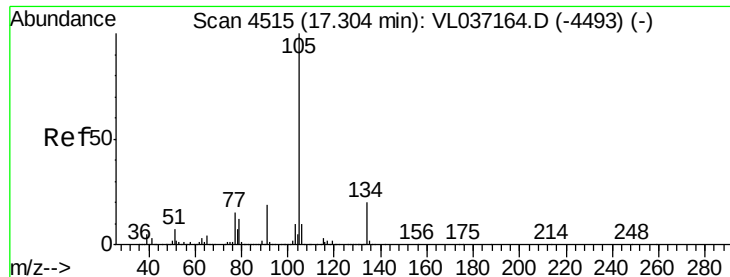


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 7.759 ppbv

RT: 17.30 min Scan# 4515

Delta R.T. -0.00 min

Lab File: VL037173.D

Acq: 16 Jun 2021 16:40

Instrument :

MSVOA_L

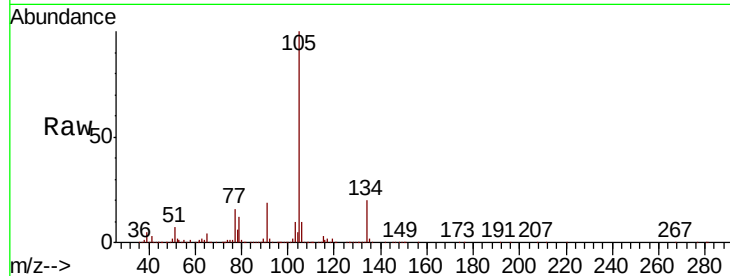
ClientSampleId :

Tot Ion:105 Resp: 7400893

Ion Ratio Lower Upper

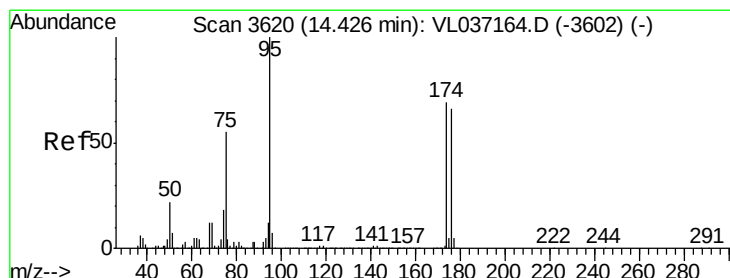
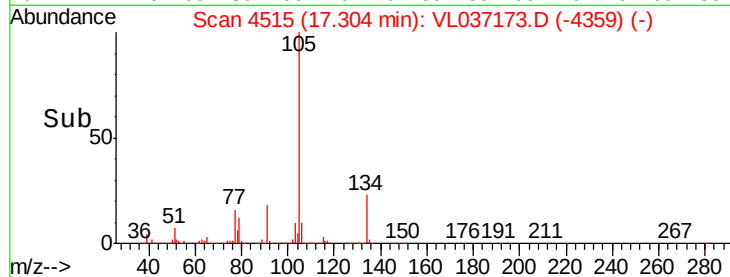
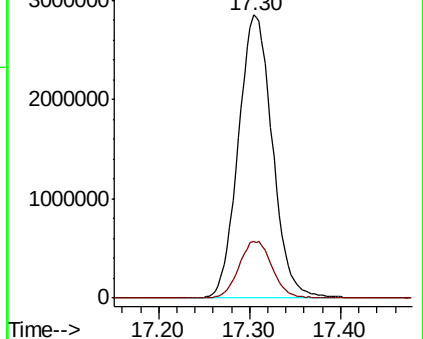
105 100

134 19.5 15.8 23.6



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: 8.244 ppbv

RT: 14.43 min Scan# 3620

Delta R.T. -0.00 min

Lab File: VL037173.D

Acq: 16 Jun 2021 16:40

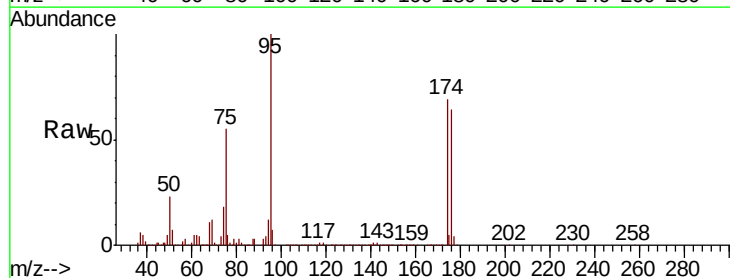
Tgt Ion: 95 Resp: 3189707

Ion Ratio Lower Upper

95 100

174 71.7 57.0 85.4

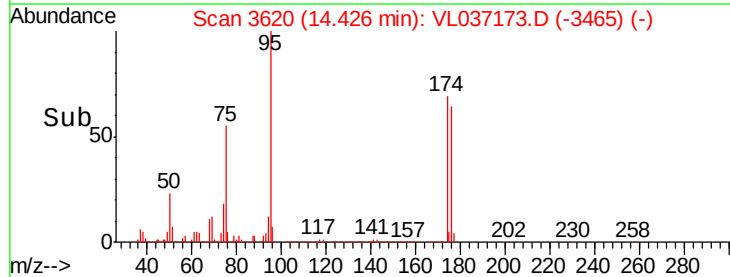
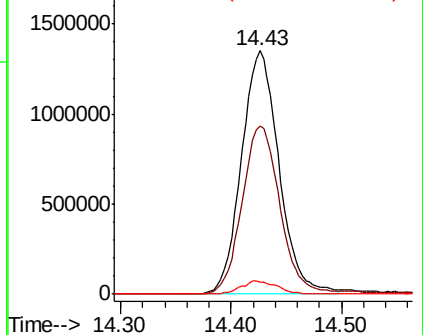
175 5.4 4.4 6.6

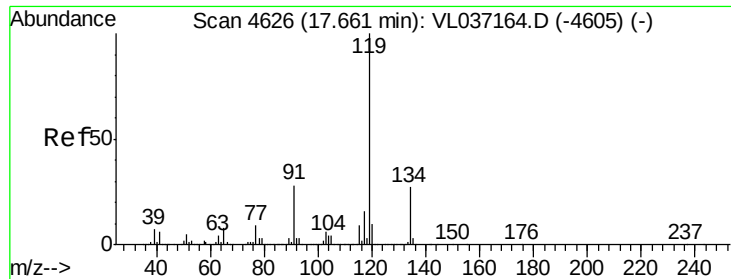


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V



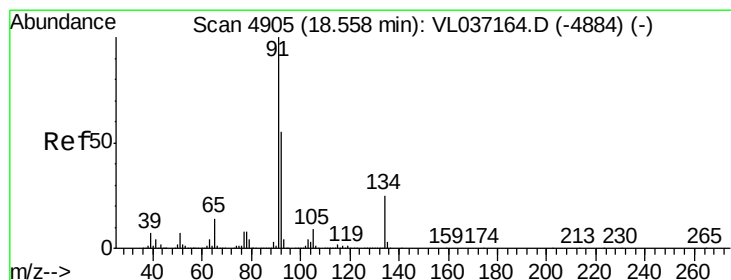
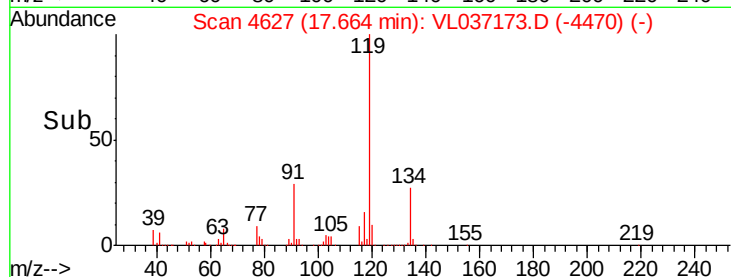
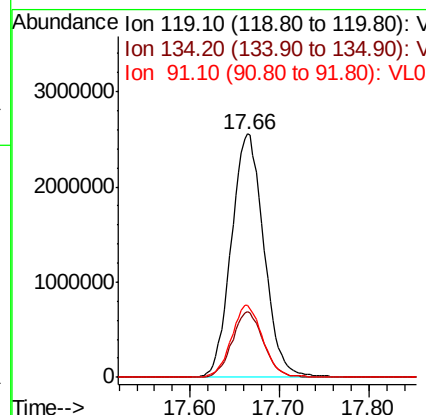
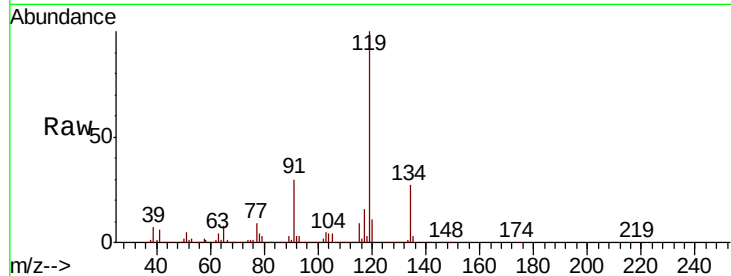


#69
 p-Isopropyltoluene
 Concen: 8.016 ppbv
 RT: 17.66 min Scan# 4627
 Delta R.T. 0.00 min
 Lab File: VL037173.D
 Acq: 16 Jun 2021 16:40

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:119 Resp: 6457994

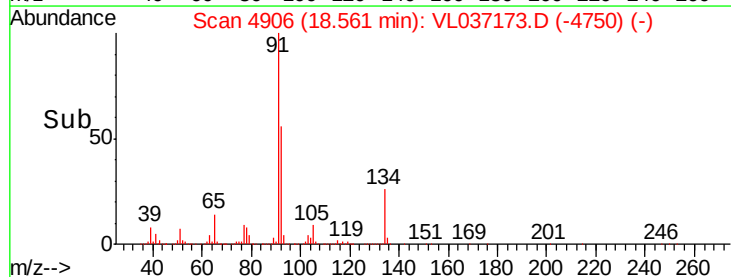
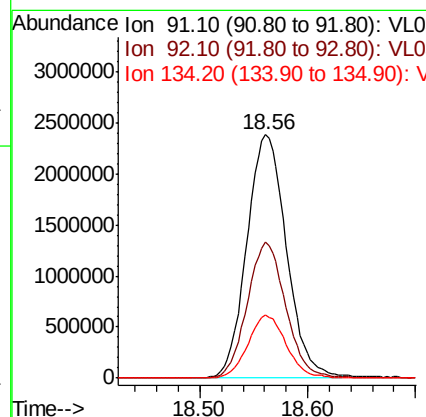
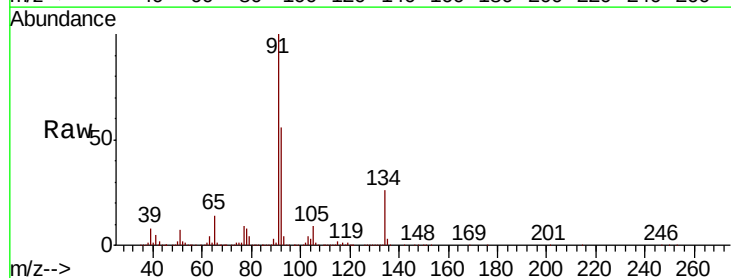
Ion	Ratio	Lower	Upper
119	100		
134	26.1	20.9	31.3
91	28.5	22.6	34.0

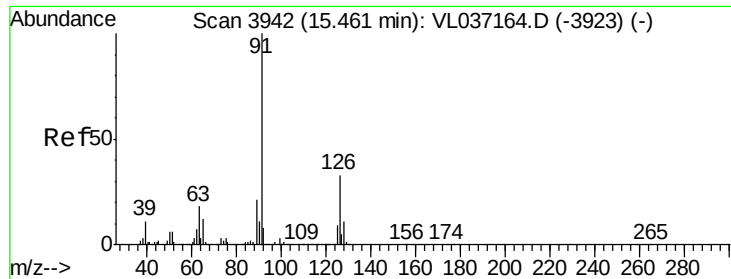


#70
 n-Butylbenzene
 Concen: 8.160 ppbv
 RT: 18.56 min Scan# 4906
 Delta R.T. 0.00 min
 Lab File: VL037173.D
 Acq: 16 Jun 2021 16:40

Tgt Ion: 91 Resp: 6084318

Ion	Ratio	Lower	Upper
91	100		
92	54.7	44.0	66.0
134	25.2	20.2	30.4

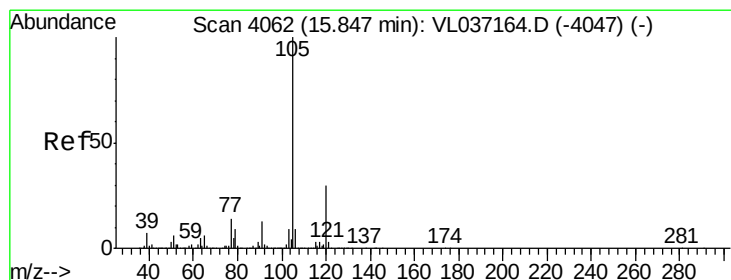
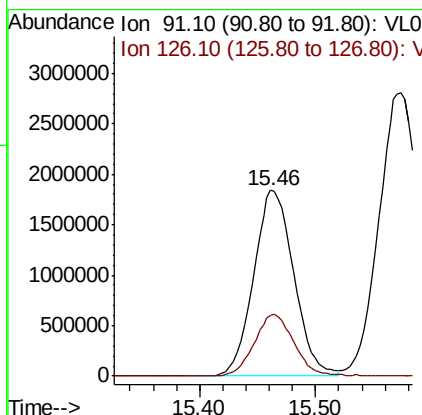
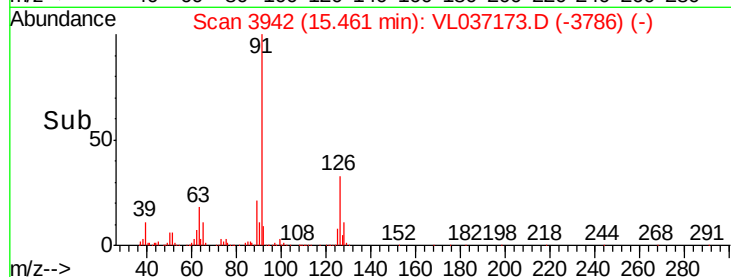
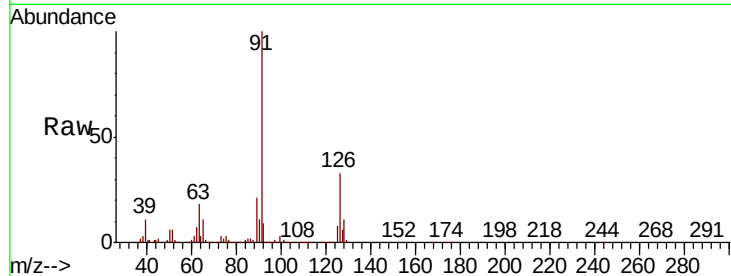




#71
 2-Chlorotoluene
 Concen: 7.867 ppbv
 RT: 15.46 min Scan# 3942
 Delta R.T. -0.00 min
 Lab File: VL037173.D
 Acq: 16 Jun 2021 16:40

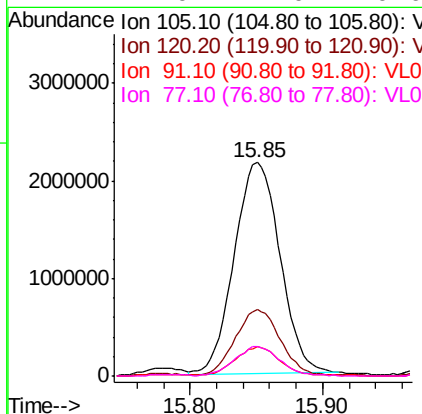
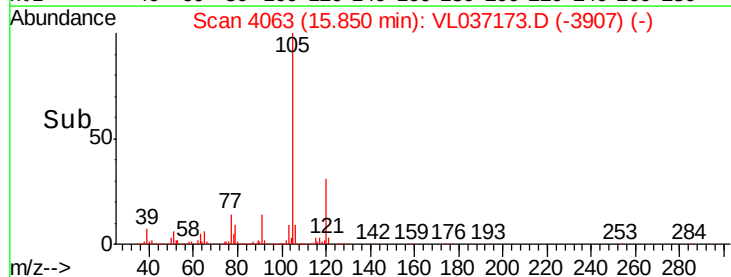
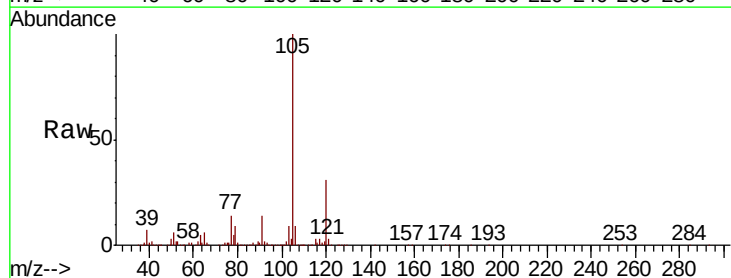
Instrument :
 MSVOA_L
 ClientSampleId :

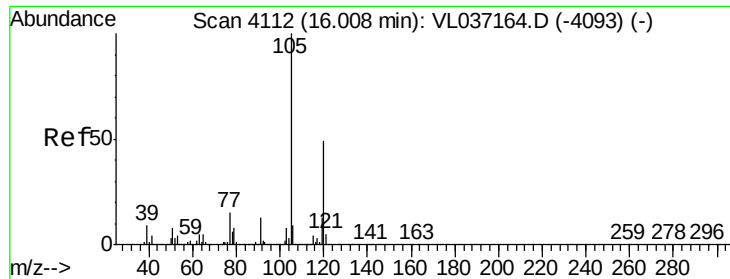
Tot Ion: 91 Resp: 4436126
 Ion Ratio Lower Upper
 91 100
 126 33.6 13.5 54.1



#72
 4-Ethyltoluene
 Concen: 8.039 ppbv
 RT: 15.85 min Scan# 4063
 Delta R.T. 0.00 min
 Lab File: VL037173.D
 Acq: 16 Jun 2021 16:40

Tgt Ion: 105 Resp: 5179868
 Ion Ratio Lower Upper
 105 100
 120 31.5 24.7 37.1
 91 13.4 10.2 15.4
 77 14.0 11.0 16.6

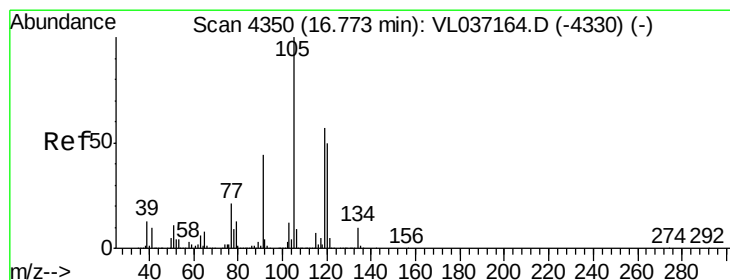
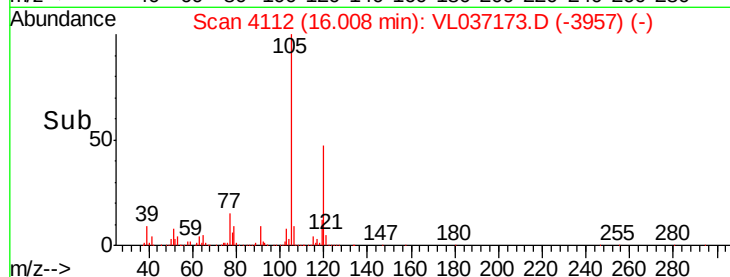
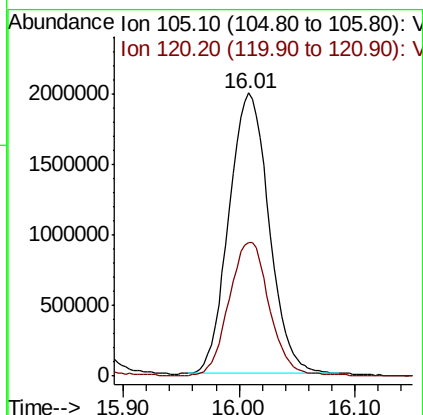
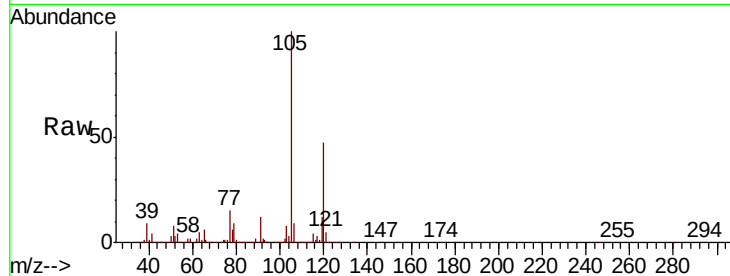




#73
 1,3,5-Trimethylbenzene
 Concen: 7.662 ppbv
 RT: 16.01 min Scan# 4112
 Delta R.T. -0.00 min
 Lab File: VL037173.D
 Acq: 16 Jun 2021 16:40

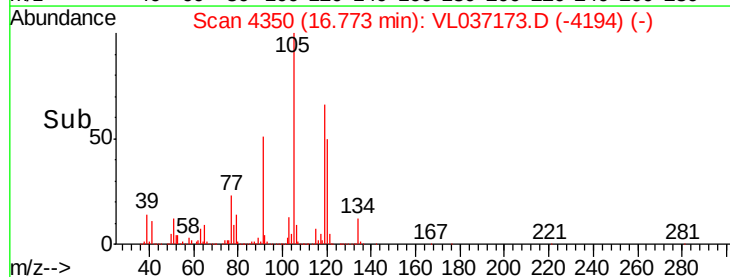
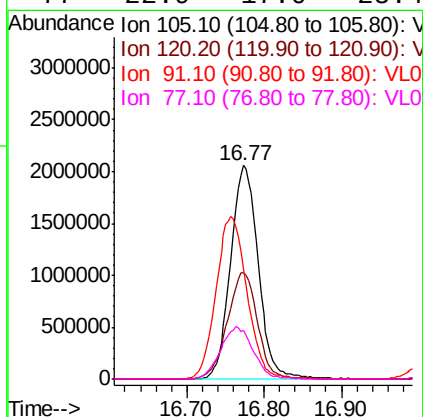
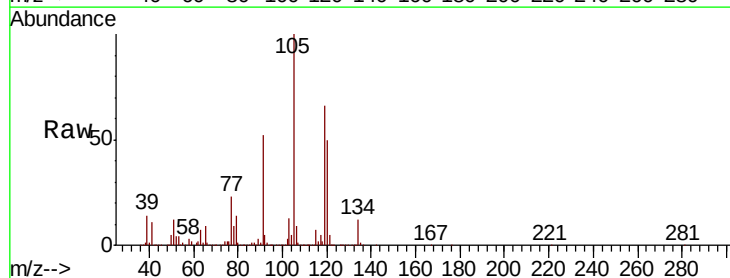
Instrument :
 MSVOA_L
 ClientSampleId :

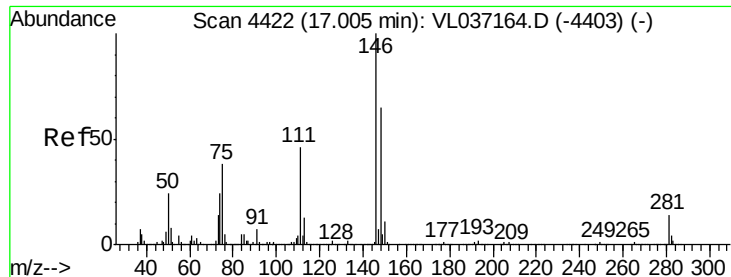
Tot Ion:105 Resp: 4771806
 Ion Ratio Lower Upper
 105 100
 120 47.4 39.4 59.2



#74
 1,2,4-Trimethylbenzene
 Concen: 7.899 ppbv
 RT: 16.77 min Scan# 4350
 Delta R.T. -0.00 min
 Lab File: VL037173.D
 Acq: 16 Jun 2021 16:40

Tgt Ion:105 Resp: 5069130
 Ion Ratio Lower Upper
 105 100
 120 49.5 39.8 59.8
 91 51.4 37.0 55.4
 77 22.9 17.0 25.4





#75

1,3-Dichlorobenzene

Concen: 7.987 ppbv

RT: 17.01 min Scan# 4423

Delta R.T. 0.00 min

Lab File: VL037173.D

Acq: 16 Jun 2021 16:40

Instrument :

MSVOA_L

ClientSampleId :

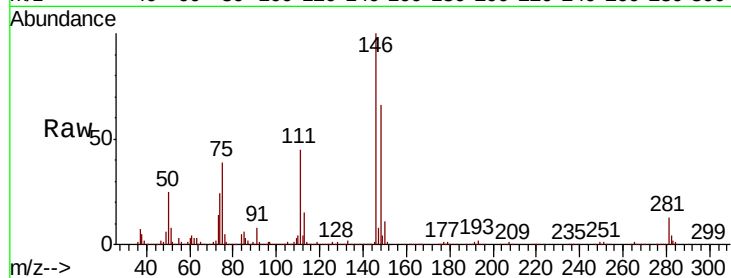
Tot Ion:146 Resp: 3116358

Ion Ratio Lower Upper

146 100

111 44.9 22.2 66.6

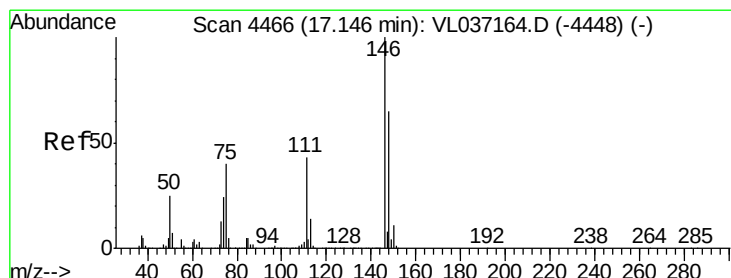
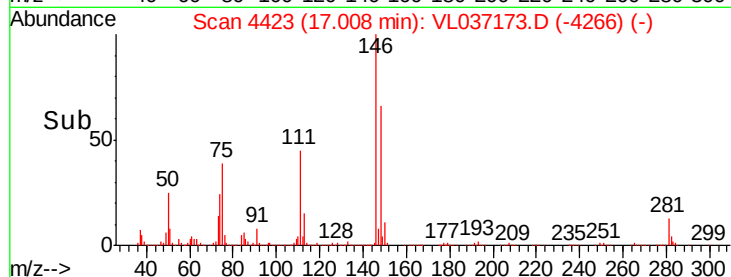
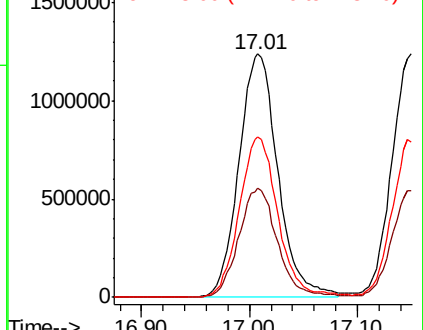
148 65.3 32.4 97.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 7.759 ppbv

RT: 17.15 min Scan# 4467

Delta R.T. 0.00 min

Lab File: VL037173.D

Acq: 16 Jun 2021 16:40

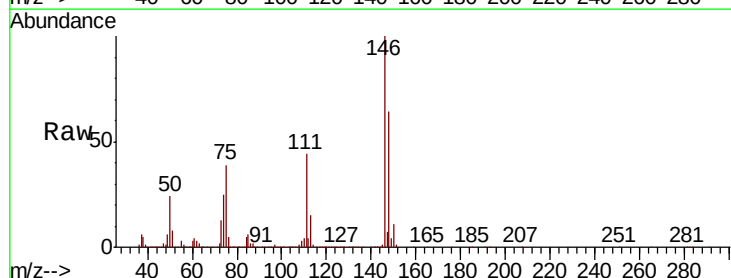
Tgt Ion:146 Resp: 3023944

Ion Ratio Lower Upper

146 100

111 44.7 22.7 68.0

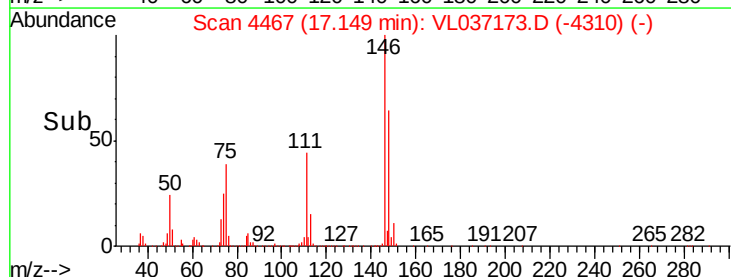
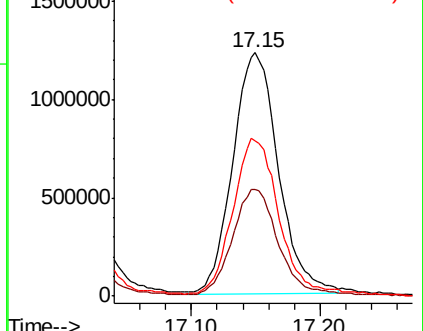
148 66.7 33.7 101.1

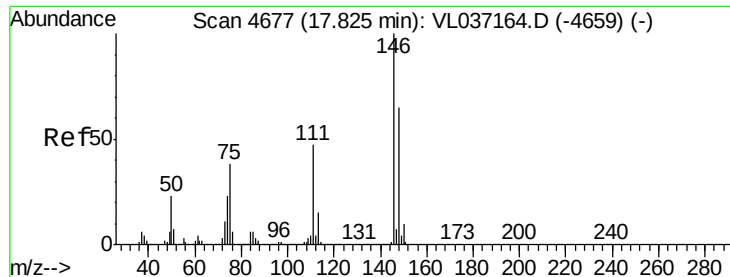


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

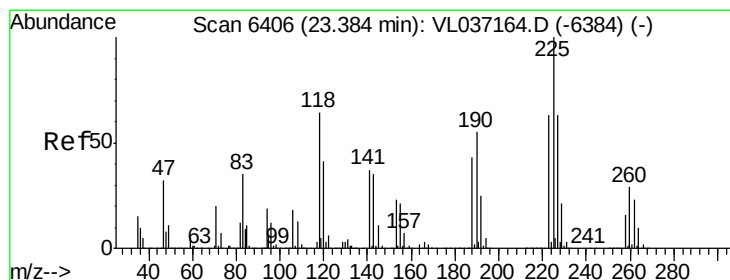
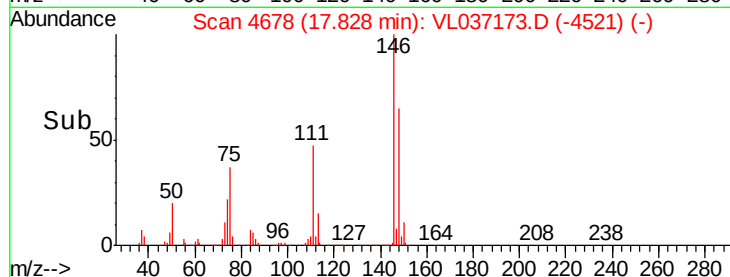
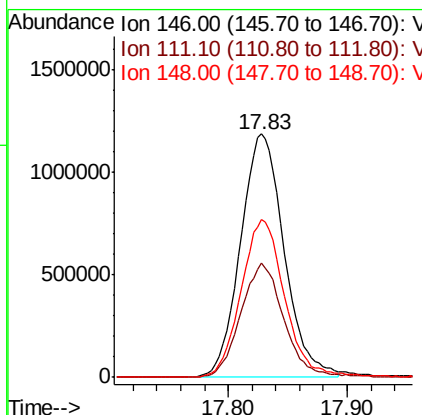
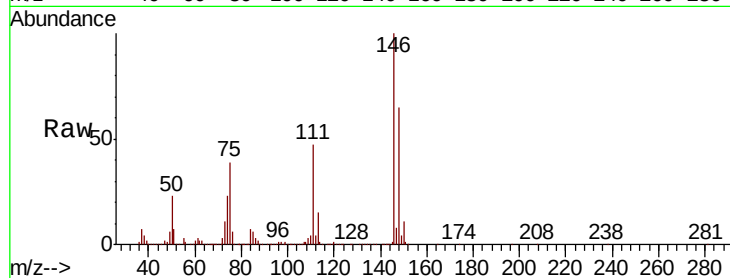




#77
 1,2-Dichlorobenzene
 Concen: 7.942 ppbv
 RT: 17.83 min Scan# 4678
 Delta R.T. 0.00 min
 Lab File: VL037173.D
 Acq: 16 Jun 2021 16:40

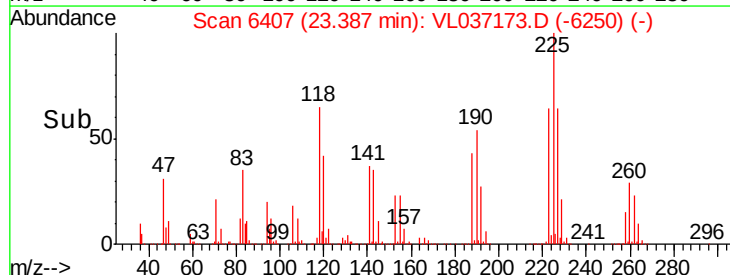
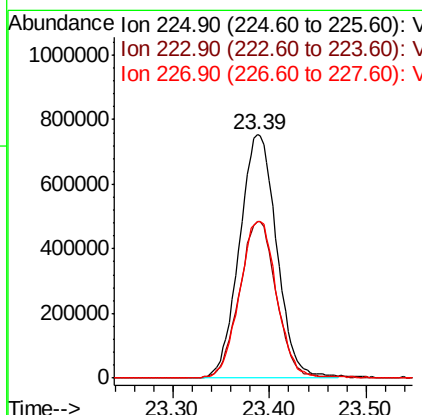
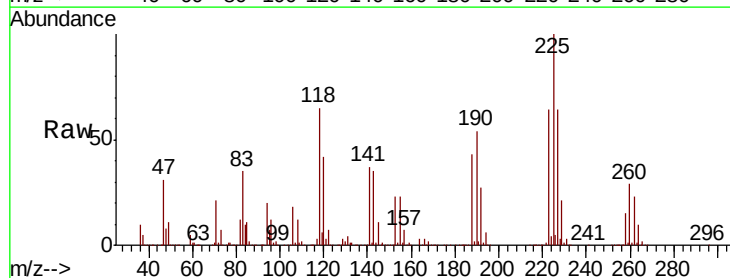
Instrument :
 MSVOA_L
 ClientSampleId :

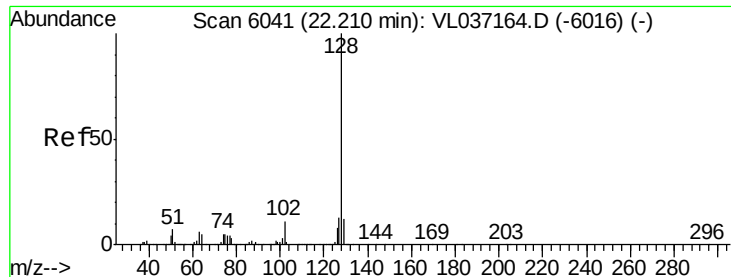
Tot Ion:146 Resp: 2997537
 Ion Ratio Lower Upper
 146 100
 111 46.7 23.3 69.8
 148 64.8 32.4 97.0



#78
 Hexachloro-1,3-Butadiene
 Concen: 6.228 ppbv
 RT: 23.39 min Scan# 6407
 Delta R.T. 0.00 min
 Lab File: VL037173.D
 Acq: 16 Jun 2021 16:40

Tgt Ion:225 Resp: 2021039
 Ion Ratio Lower Upper
 225 100
 223 64.1 51.8 77.8
 227 64.5 51.4 77.0





#79

Naphthalene

Concen: 7.406 ppbv

RT: 22.21 min Scan# 6042

Delta R.T. 0.00 min

Lab File: VL037173.D

Acq: 16 Jun 2021 16:40

Instrument :

MSVOA_L

ClientSampleId :

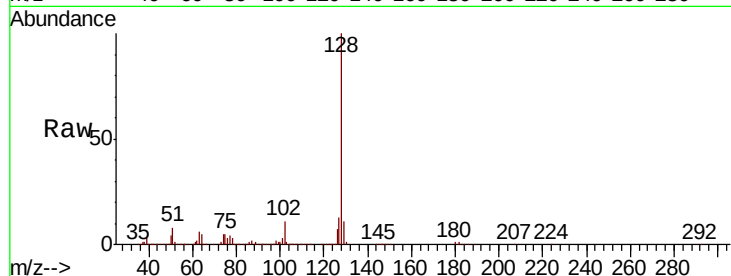
Tot Ion:128 Resp: 3962689

Ion Ratio Lower Upper

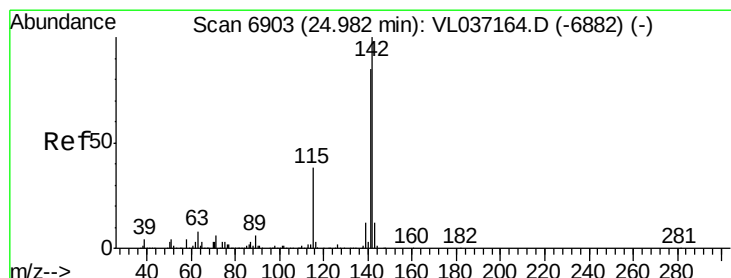
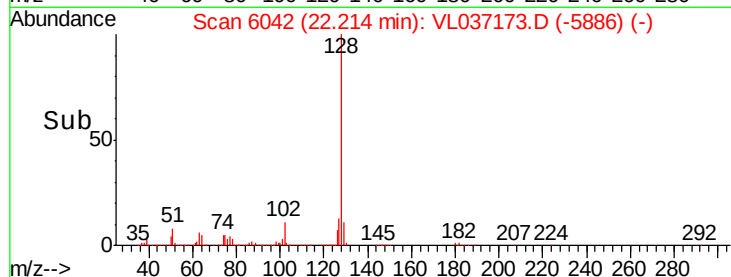
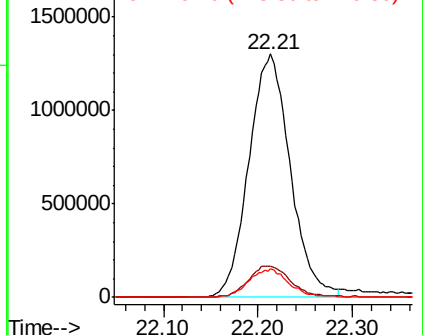
128 100

127 12.5 10.7 16.1

129 11.5 9.3 13.9



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: 6.843 ppbv

RT: 24.98 min Scan# 6903

Delta R.T. -0.00 min

Lab File: VL037173.D

Acq: 16 Jun 2021 16:40

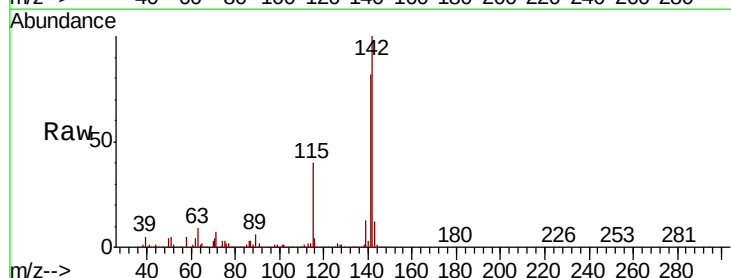
Tgt Ion:142 Resp: 960287

Ion Ratio Lower Upper

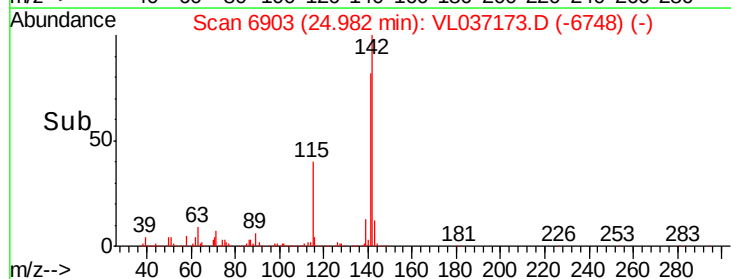
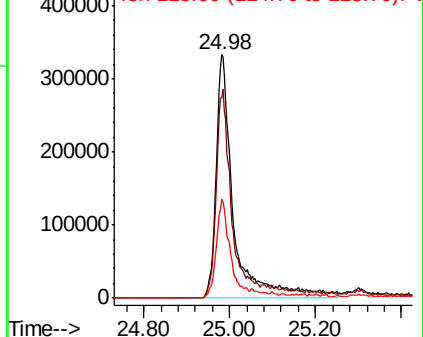
142 100

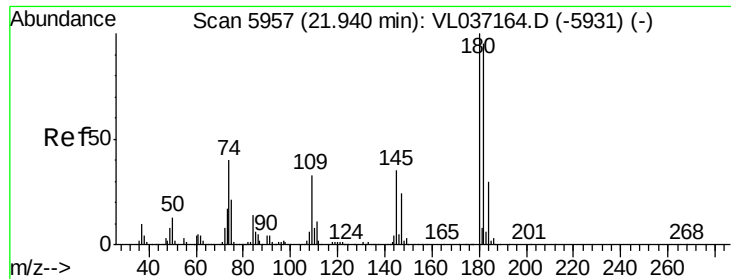
141 79.3 63.7 95.5

115 34.2 30.6 45.8



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

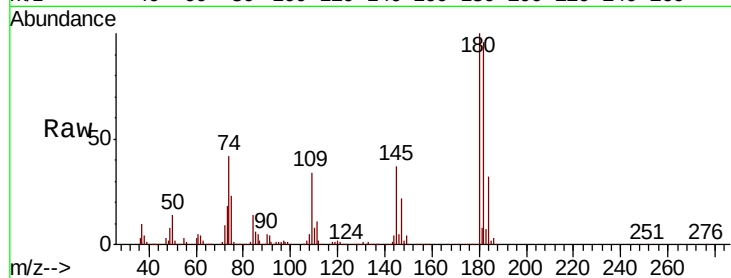




#81
 1,2,4-Trichlorobenzene
 Concen: 7.118 ppbv
 RT: 21.94 min Scan# 5957
 Delta R.T. -0.00 min
 Lab File: VL037173.D
 Acq: 16 Jun 2021 16:40

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:180 Resp: 2197587
 Ion Ratio Lower Upper
 180 100
 182 100.6 79.3 118.9
 184 31.1 24.7 37.1



Abundance Ion 180.00 (179.70 to 180.70): V
 1000000 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V

