

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060821\
 Data File : VL037128.D
 Acq On : 8 Jun 2021 11:41
 Operator : SY/AP
 Sample : VL0608ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 09 01:18:01 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 12:00:15 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1411372	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.17	114	4333934	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.08	117	5168408	10.00	ppbv	0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	3187803	8.21	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	82.10%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.04	85	2256328	9.424	ppbv 100
3) Chlorodifluoromethane	2.98	51	2711284	10.486	ppbv 96
4) Chloromethane	3.14	50	946585	10.758	ppbv 97
5) Vinyl Chloride	3.25	62	977441	10.163	ppbv 99
6) Bromomethane	3.47	94	607334	11.984	ppbv 94
7) Chloroethane	3.56	64	366669	11.742	ppbv 97
8) Dichlorotetrafluoroethane	3.18	85	2526987	11.241	ppbv 96
9) Propene	3.01	41	866837	9.362	ppbv 98
10) Heptane	8.12	43	2249279	9.748	ppbv 100
11) Trichlorofluoromethane	3.95	101	2720098	12.274	ppbv 98
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1856925	11.763	ppbv 96
13) Ethanol	3.61	45	86148	6.974	ppbv 85
14) Bromoethene	3.74	108	802602	11.543	ppbv 99
15) Acetone	3.85	43	1342514	9.287	ppbv 96
16) 1,3-Butadiene	3.32	39	993639	11.063	ppbv 97
17) tert-Butyl alcohol	4.29	59	1512395	11.421	ppbv 100
18) 1,1-Dichloroethene	4.29	96	832455	11.404	ppbv 97
19) Isopropyl Alcohol	3.96	45	805929	10.371	ppbv # 36
20) Methylene Chloride	4.34	84	657415	8.484	ppbv 98
21) Allyl Chloride	4.41	41	1221732	11.203	ppbv 99
22) trans-1,2-Dichloroethene	4.88	96	862126	12.324	ppbv 98
23) Vinyl Acetate	5.07	43	2449805	10.677	ppbv 98
24) 1,1-Dichloroethane	5.01	63	1781746	10.788	ppbv 100
25) Ethyl Acetate	5.67	43	3522948	10.142	ppbv 100
26) Hexane	5.68	57	1679083	9.462	ppbv 97
27) Carbon Disulfide	4.55	76	1921142	10.741	ppbv 99
28) Methyl tert-Butyl Ether	5.03	73	2113333	9.935	ppbv 99
29) Chloroform	5.75	83	2769794	11.048	ppbv 98
30) Cyclohexane	7.13	84	1521538	10.089	ppbv 97
31) cis-1,2-Dichloroethene	5.55	61	1717755	10.796	ppbv 96
32) 1,1,1-Trichloroethane	6.51	97	2898343	10.766	ppbv 99
34) 2-Butanone	5.24	43	1687978	10.696	ppbv 98
35) Carbon Tetrachloride	7.01	117	3110687	10.802	ppbv 99
36) Benzene	6.89	78	3537026	9.475	ppbv 97
37) 1,2-Dichloroethane	6.30	62	2102909	11.362	ppbv 98
38) Trichloroethene	7.83	130	1550092	9.707	ppbv 99
39) 1,2-Dichloropropane	7.61	63	1345426	9.356	ppbv 96
40) 1,4-Dioxane	7.83	88	340727	10.035	ppbv # 100
41) Tetrahydrofuran	6.05	42	825819	9.188	ppbv 97
42) Bromodichloromethane	7.79	83	3084841	11.017	ppbv 98
43) Methyl Methacrylate	8.01	69	1320258	10.261	ppbv 99

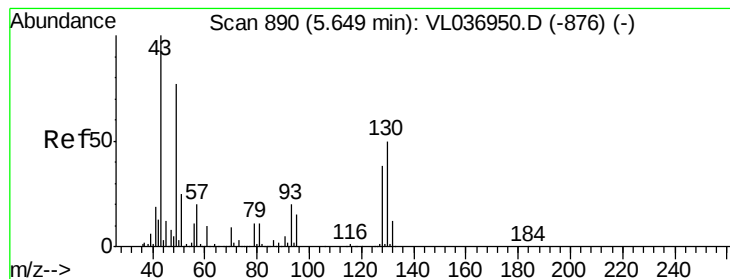
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060821\
 Data File : VL037128.D
 Acq On : 8 Jun 2021 11:41
 Operator : SY/AP
 Sample : VL0608ABS01
 Misc : 400mL/MSVOA L
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Instrument :
 MSVOA_L
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Quant Time: Jun 09 01:18:01 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 12:00:15 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	5800495	9.057	ppbv	98
45) t-1,3-Dichloropropene	9.28	75	1282711	13.049	ppbv	97
46) cis-1,3-Dichloropropene	8.70	75	1617074	12.230	ppbv	98
47) 1,1,2-Trichloroethane	9.47	97	1555238	10.333	ppbv	99
48) Dibromochloromethane	10.30	129	2757315	11.314	ppbv	99
49) Bromoform	13.04	173	2307292	11.464	ppbv	99
50) 4-Methyl-2-Pentanone	8.74	43	2539743	9.753	ppbv	99
51) 2-Hexanone	10.13	43	1345418	9.773	ppbv #	97
52) Tetrachloroethene	11.22	164	1501910	10.118	ppbv	95
53) Toluene	9.80	91	4325166	9.737	ppbv	99
54) 1,2-Dibromoethane	10.61	107	2331070	10.894	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.12	131	1900294	8.738	ppbv #	56
57) Chlorobenzene	12.14	112	3336008	8.325	ppbv	97
58) Ethyl Benzene	12.71	91	5792610	7.941	ppbv	99
59) m/p-Xylene	12.99	91	5464176	9.062	ppbv #	48
60) o-Xylene	13.69	91	4647037	8.081	ppbv	99
61) Styrene	13.52	104	2721290	8.399	ppbv	98
62) Isopropylbenzene	14.66	105	6572111	7.952	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.67	83	3135740	7.301	ppbv	98
64) n-propylbenzene	15.56	120	1782158	8.358	ppbv	99
65) tert-Butylbenzene	16.74	119	5974170	8.011	ppbv	99
66) Benzyl Chloride	16.98	91	294887	7.126	ppbv	97
67) sec-Butylbenzene	17.29	105	7958428	7.822	ppbv	99
69) p-Isopropyltoluene	17.65	119	6880288	7.865	ppbv	99
70) n-Butylbenzene	18.55	91	6504049	7.827	ppbv	99
71) 2-Chlorotoluene	15.45	91	4814964	8.066	ppbv	98
72) 4-Ethyltoluene	15.84	105	5705290	8.359	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	5226321	8.154	ppbv	99
74) 1,2,4-Trimethylbenzene	16.76	105	5379226	8.117	ppbv	98
75) 1,3-Dichlorobenzene	16.99	146	3352065	8.283	ppbv	99
76) 1,4-Dichlorobenzene	17.13	146	3189020	7.794	ppbv	99
77) 1,2-Dichlorobenzene	17.82	146	3213201	7.924	ppbv	99
78) Hexachloro-1,3-Butadiene	23.37	225	2055891	6.305	ppbv	99
79) Naphthalene	22.19	128	4000609	7.694	ppbv	100
80) Naphthalene, 2-methyl-	24.97	142	933208	8.253	ppbv	98
81) 1,2,4-Trichlorobenzene	21.92	180	2281448	7.197	ppbv	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. 0.01 min

Lab File: VL037128.D

Acq: 8 Jun 2021 11:41

Instrument :

MSVOA_L

ClientSampleId :

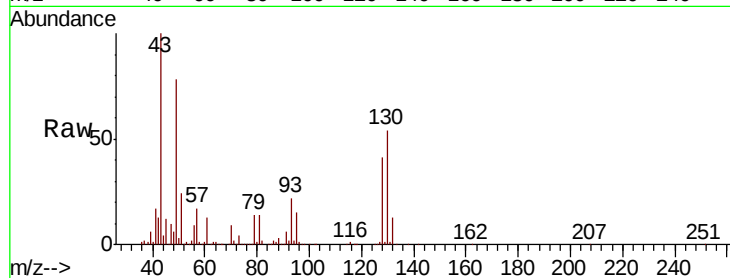
Tot Ion: 49 Resp: 1411372

Ion Ratio Lower Upper

49 100

128 59.5 26.9 80.7

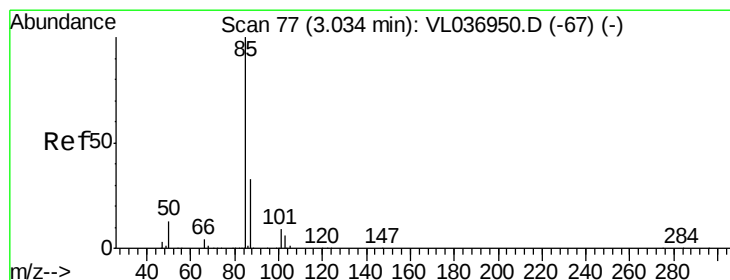
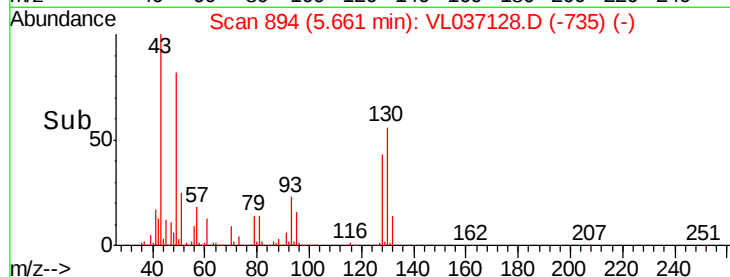
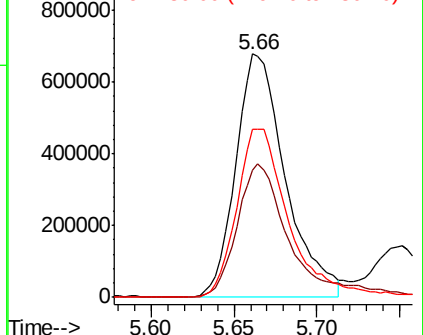
130 74.7 33.8 101.4



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: 9.424 ppbv

RT: 3.04 min Scan# 80

Delta R.T. 0.01 min

Lab File: VL037128.D

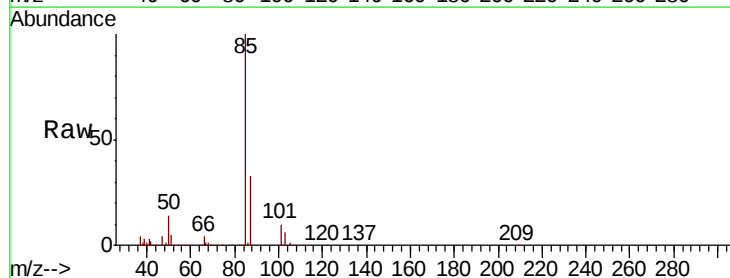
Acq: 8 Jun 2021 11:41

Tgt Ion: 85 Resp: 2256328

Ion Ratio Lower Upper

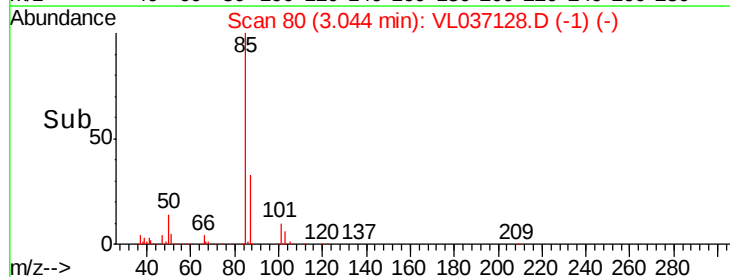
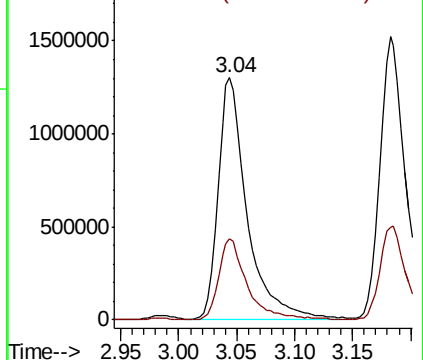
85 100

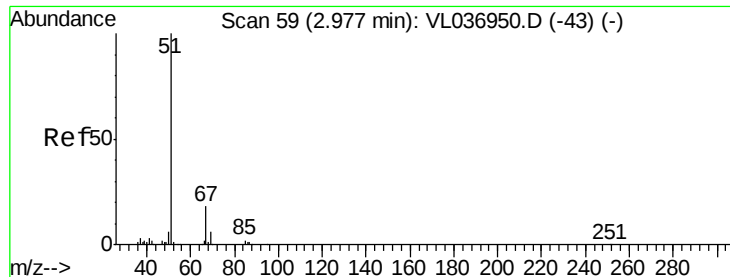
87 33.4 26.6 39.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 10.486 ppbv

RT: 2.98 min Scan# 61

Delta R.T. 0.01 min

Lab File: VL037128.D

Acq: 8 Jun 2021 11:41

Instrument :

MSVOA_L

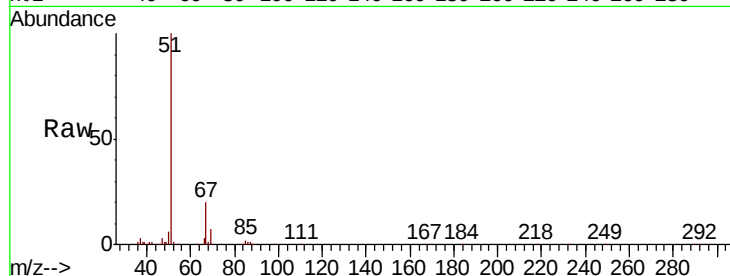
ClientSampleId :

Tot Ion: 51 Resp: 2711284

Ion Ratio Lower Upper

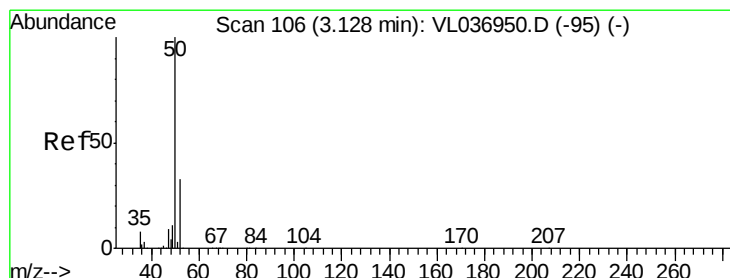
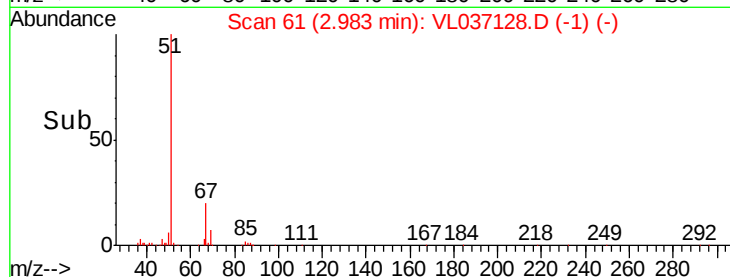
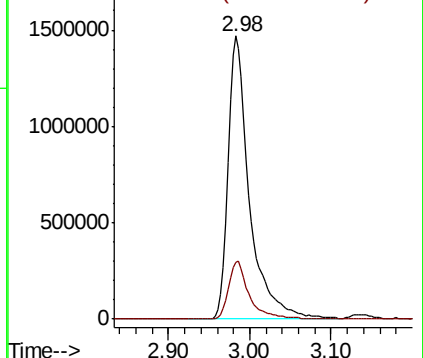
51 100

67 20.1 14.6 21.8



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 10.758 ppbv

RT: 3.14 min Scan# 109

Delta R.T. 0.01 min

Lab File: VL037128.D

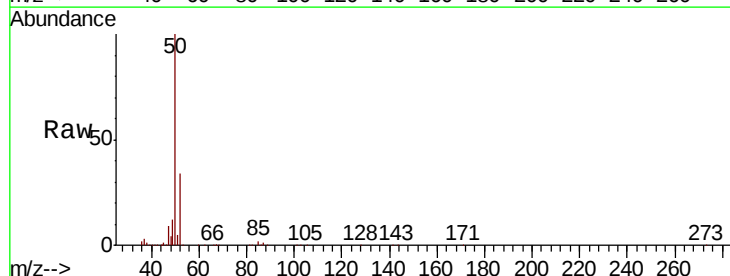
Acq: 8 Jun 2021 11:41

Tgt Ion: 50 Resp: 946585

Ion Ratio Lower Upper

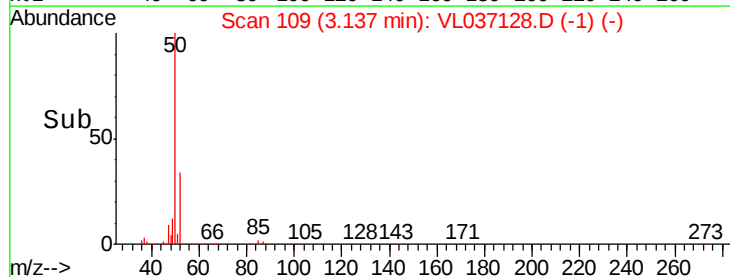
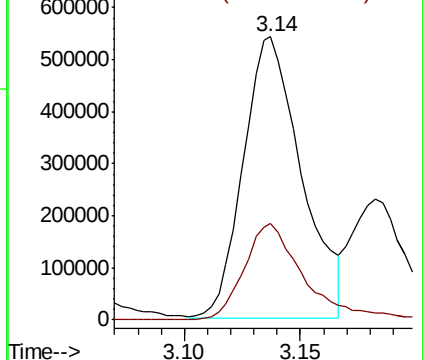
50 100

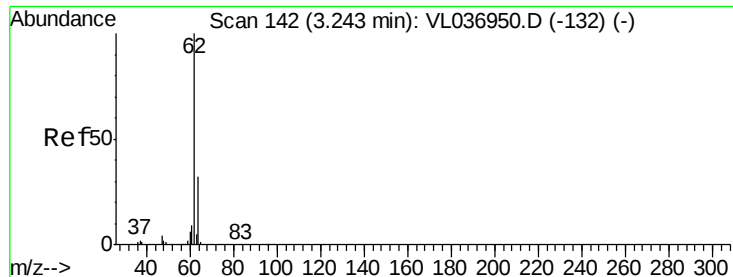
52 34.4 26.1 39.1



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 10.163 ppbv

RT: 3.25 min Scan# 145

Delta R.T. 0.01 min

Lab File: VL037128.D

Acq: 8 Jun 2021 11:41

Instrument :

MSVOA_L

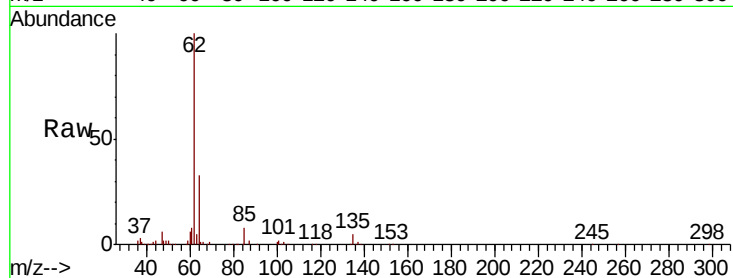
ClientSampled :

Tot Ion: 62 Resp: 977441

Ion Ratio Lower Upper

62 100

64 33.1 25.9 38.9



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0

3.25

600000

500000

400000

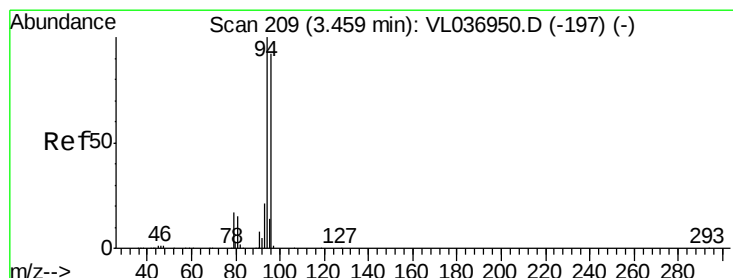
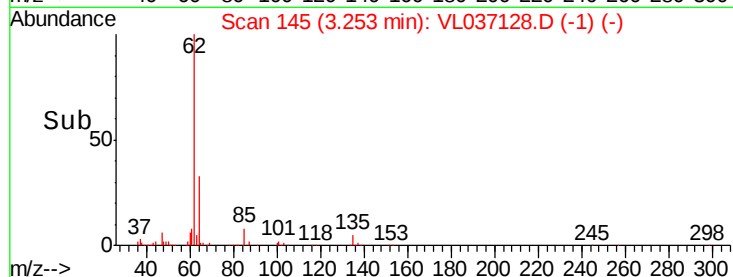
300000

200000

100000

0

Time-->



#6

Bromomethane

Concen: 11.984 ppbv

RT: 3.47 min Scan# 212

Delta R.T. 0.01 min

Lab File: VL037128.D

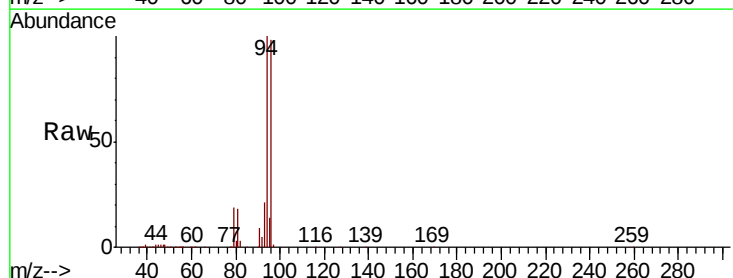
Acq: 8 Jun 2021 11:41

Tgt Ion: 94 Resp: 607334

Ion Ratio Lower Upper

94 100

96 98.3 74.0 111.0



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

3.47

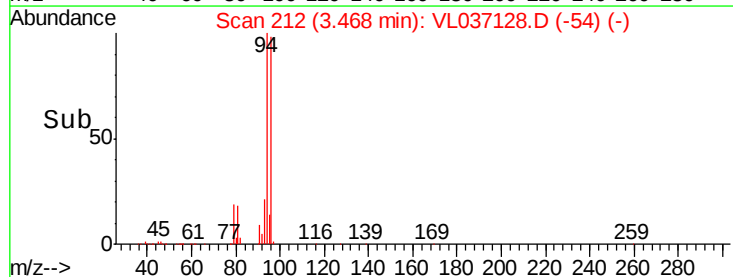
300000

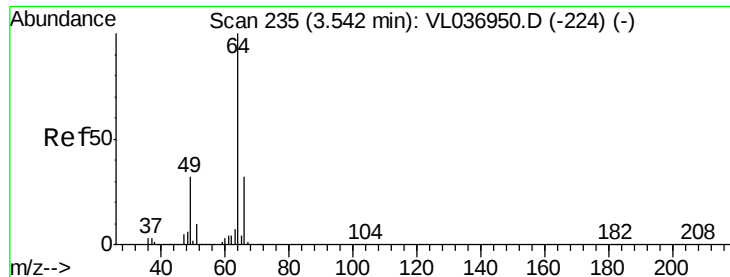
200000

100000

0

Time-->





#7

Chloroethane

Concen: 11.742 ppbv

RT: 3.56 min Scan# 239

Delta R.T. 0.01 min

Lab File: VL037128.D

Acq: 8 Jun 2021 11:41

Instrument :

MSVOA_L

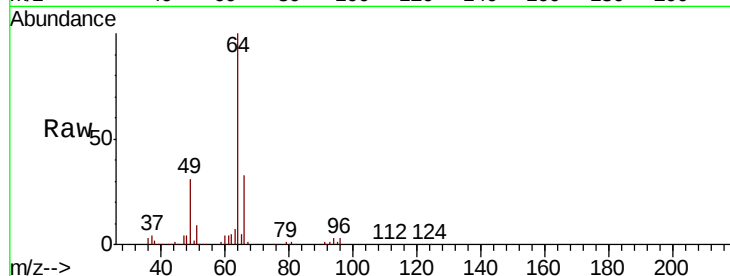
ClientSampleId :

Tot Ion: 64 Resp: 366669

Ion Ratio Lower Upper

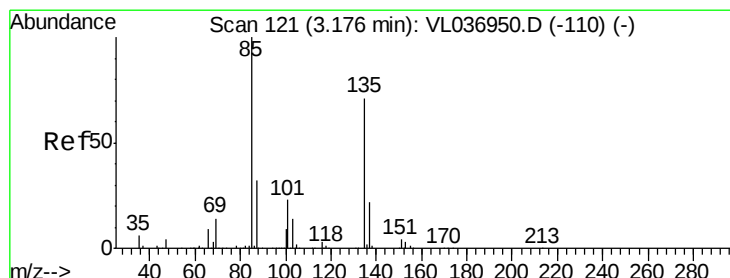
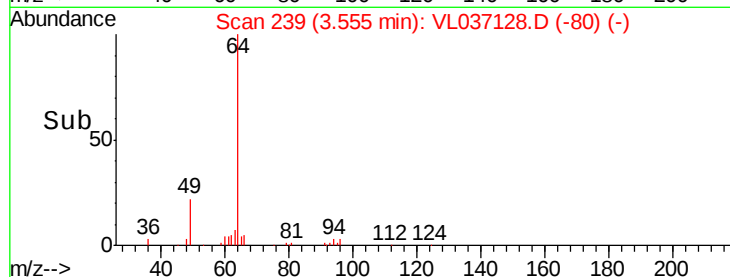
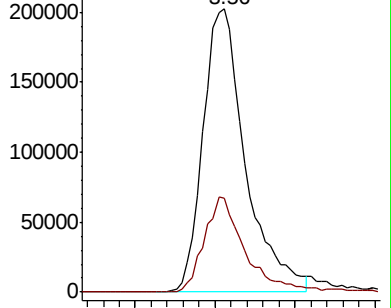
64 100

66 33.3 25.4 38.2



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 11.241 ppbv

RT: 3.18 min Scan# 123

Delta R.T. 0.01 min

Lab File: VL037128.D

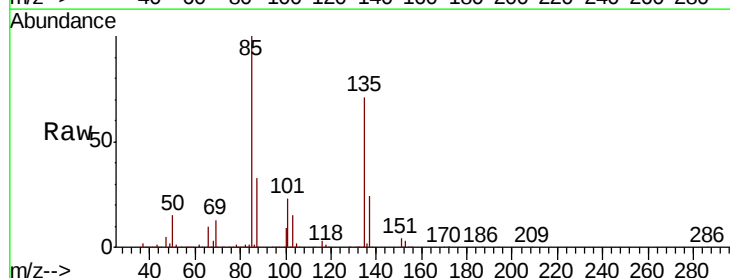
Acq: 8 Jun 2021 11:41

Tgt Ion: 85 Resp: 2526987

Ion Ratio Lower Upper

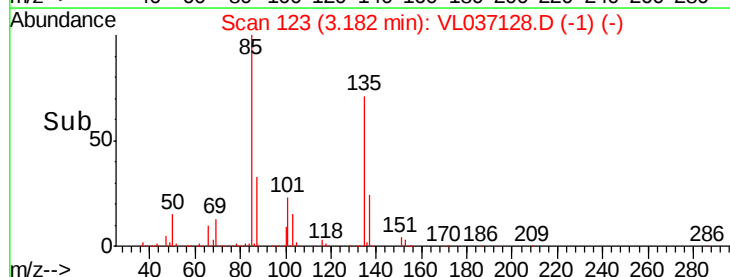
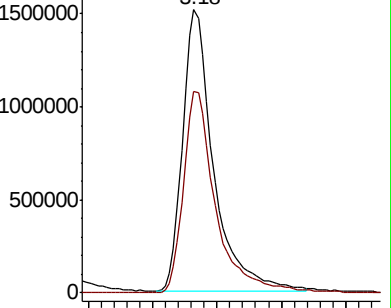
85 100

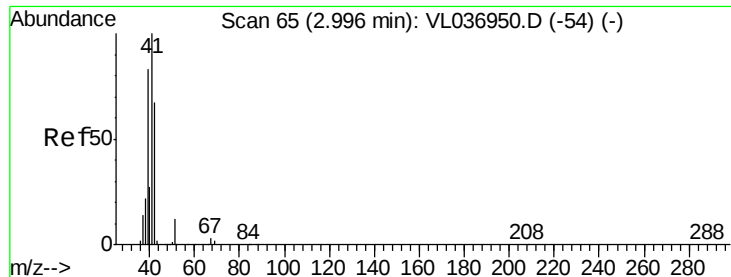
135 75.3 57.7 86.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

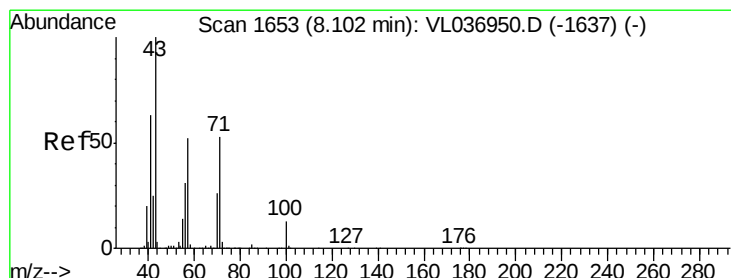
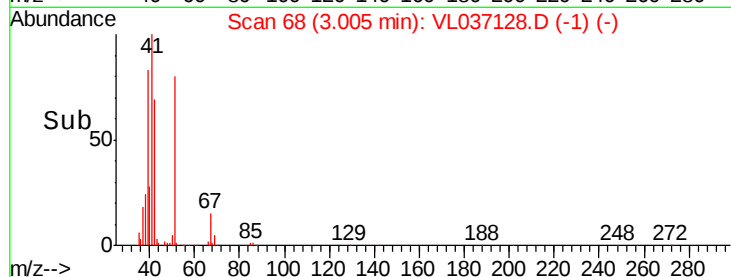
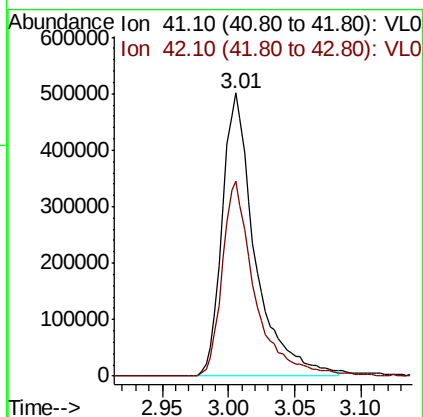
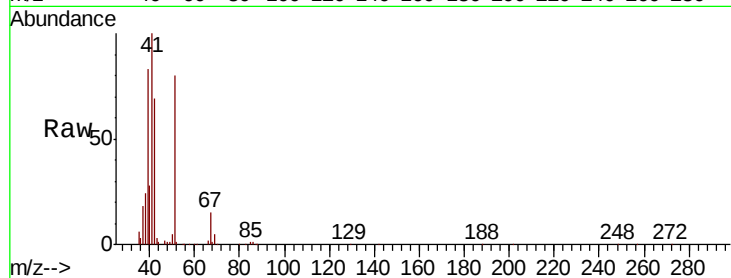




#9
Propene
Concen: 9.362 ppbv
RT: 3.01 min Scan# 68
Delta R.T. 0.01 min
Lab File: VL037128.D
Acq: 8 Jun 2021 11:41

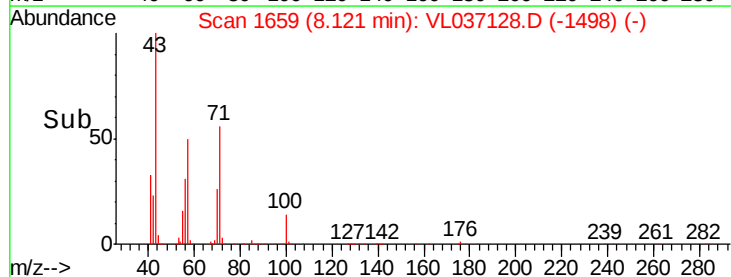
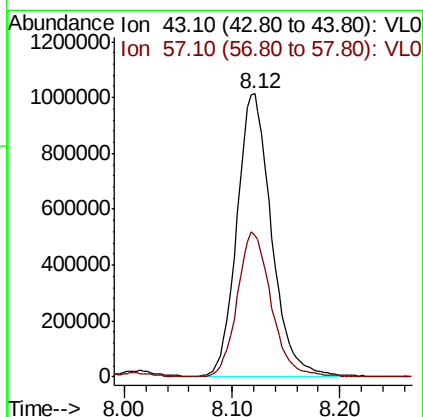
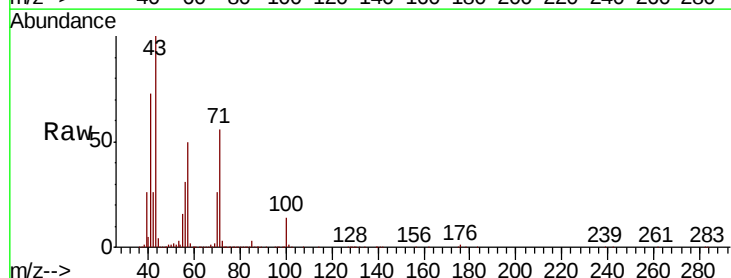
Instrument :
MSVOA_L
ClientSampled :

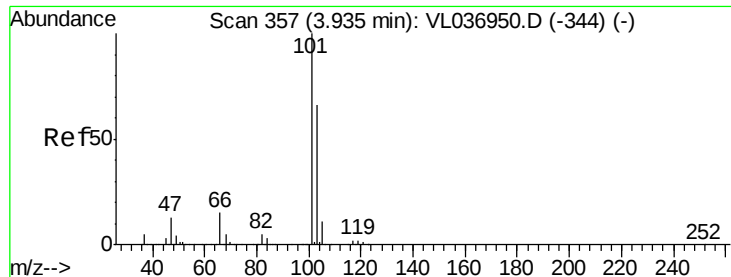
Tot Ion: 41 Resp: 866837
Ion Ratio Lower Upper
41 100
42 68.9 53.9 80.9



#10
Heptane
Concen: 9.748 ppbv
RT: 8.12 min Scan# 1659
Delta R.T. 0.02 min
Lab File: VL037128.D
Acq: 8 Jun 2021 11:41

Tgt Ion: 43 Resp: 2249279
Ion Ratio Lower Upper
43 100
57 51.4 41.0 61.6

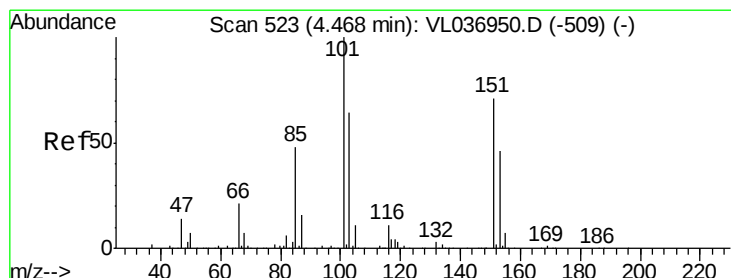
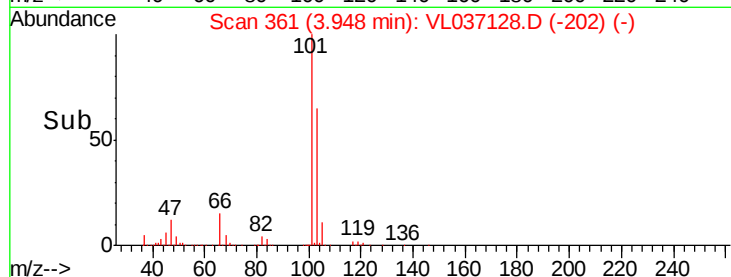
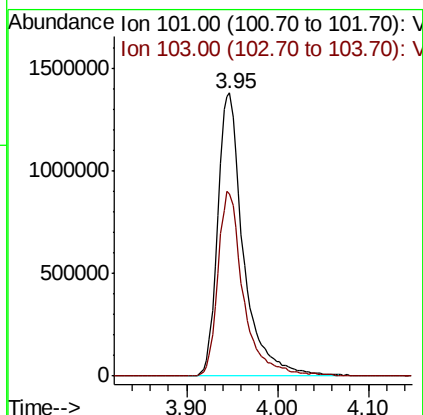
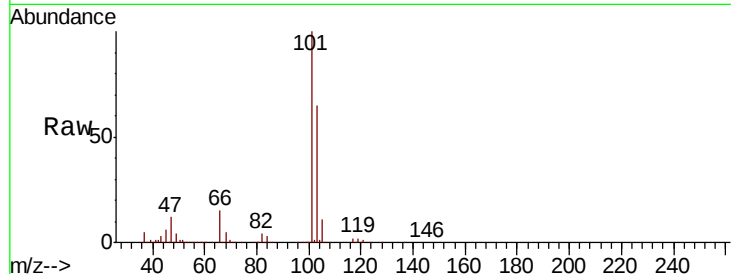




#11
 Trichlorofluoromethane
 Concen: 12.274 ppbv
 RT: 3.95 min Scan# 361
 Delta R.T. 0.01 min
 Lab File: VL037128.D
 Acq: 8 Jun 2021 11:41

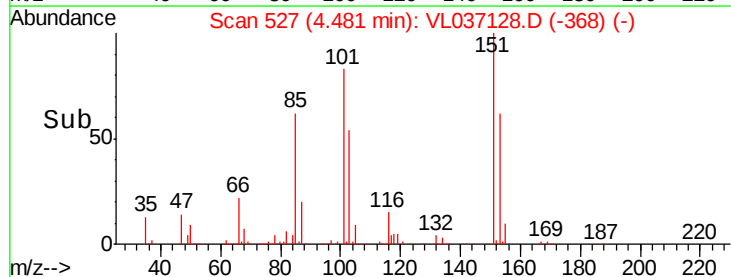
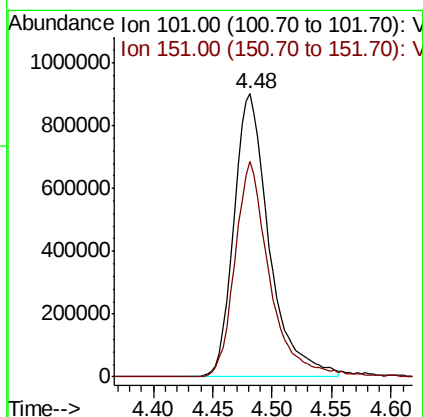
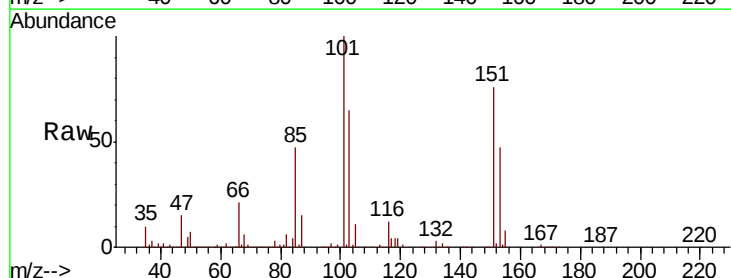
Instrument :
 MSVOA_L
 ClientSampleId :

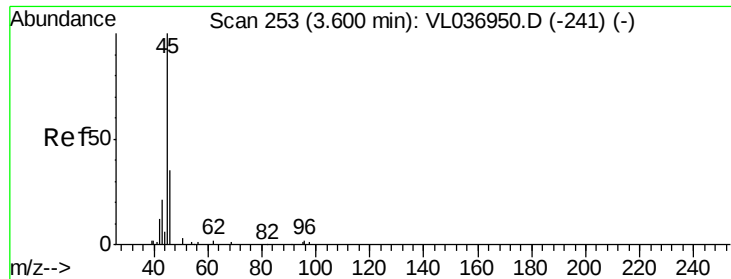
Tot Ion:101 Resp: 2720098
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.6 79.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.763 ppbv
 RT: 4.48 min Scan# 527
 Delta R.T. 0.01 min
 Lab File: VL037128.D
 Acq: 8 Jun 2021 11:41

Tgt Ion:101 Resp: 1856925
 Ion Ratio Lower Upper
 101 100
 151 75.4 57.7 86.5

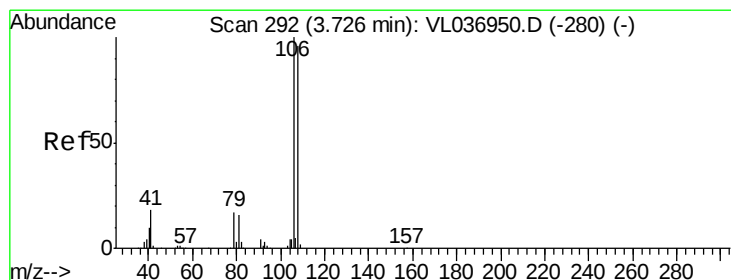
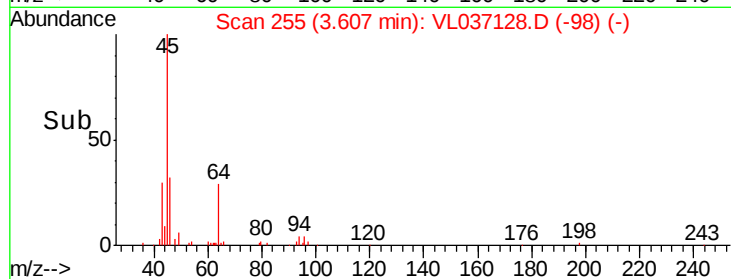
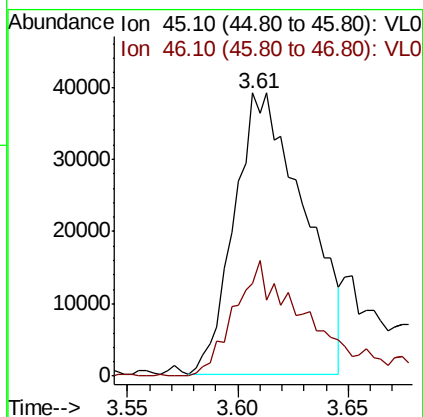
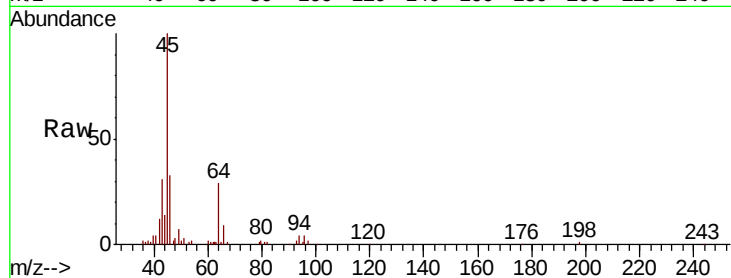




#13
Ethanol
Concen: 6.974 ppbv
RT: 3.61 min Scan# 255
Delta R.T. 0.01 min
Lab File: VL037128.D
Acq: 8 Jun 2021 11:41

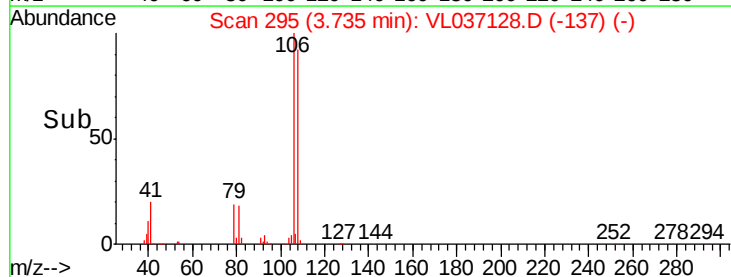
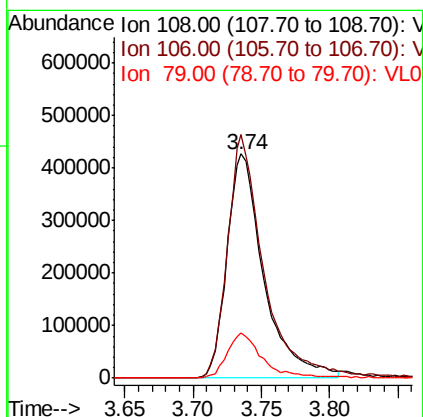
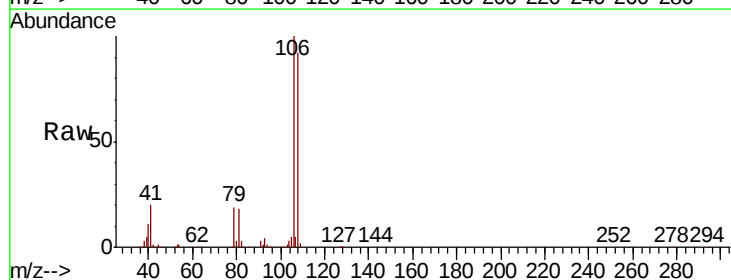
Instrument :
MSVOA_L
ClientSampled :

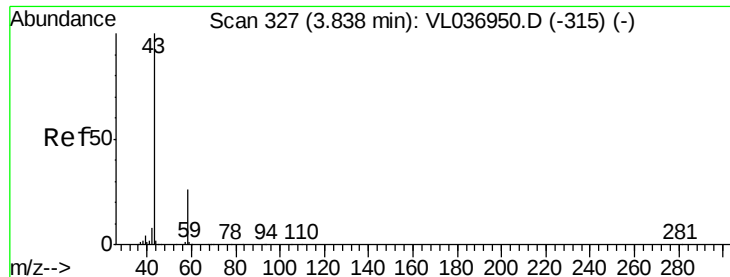
Tot Ion: 45 Resp: 86148
Ion Ratio Lower Upper
45 100
46 49.9 16.3 65.3



#14
Bromoethene
Concen: 11.543 ppbv
RT: 3.74 min Scan# 295
Delta R.T. 0.01 min
Lab File: VL037128.D
Acq: 8 Jun 2021 11:41

Tgt Ion: 108 Resp: 802602
Ion Ratio Lower Upper
108 100
106 108.0 86.5 129.7
79 20.0 15.0 22.4





#15

Acetone

Concen: 9.287 ppbv

RT: 3.85 min Scan# 330

Delta R.T. 0.01 min

Lab File: VL037128.D

Acq: 8 Jun 2021 11:41

Instrument :

MSVOA_L

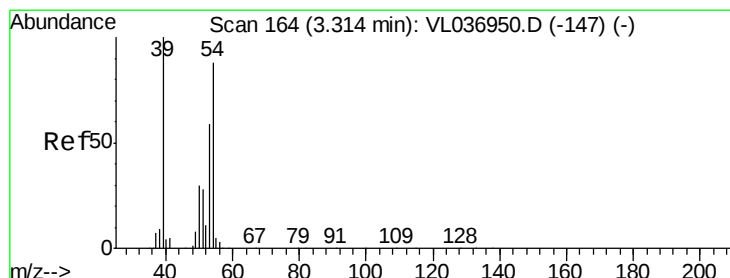
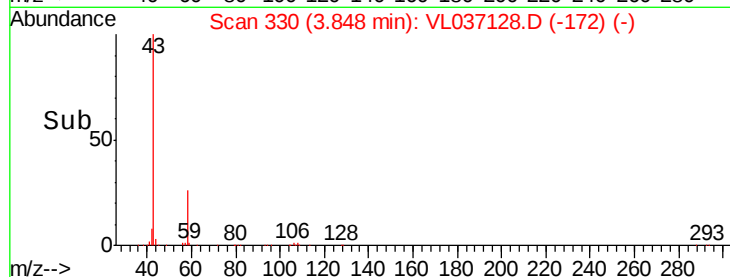
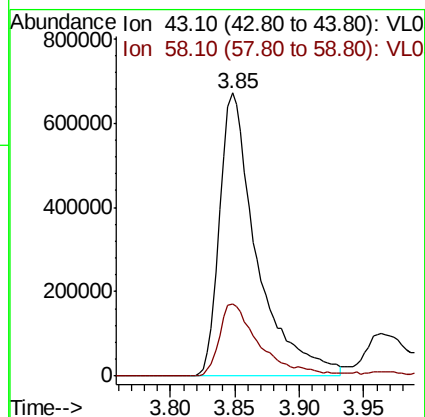
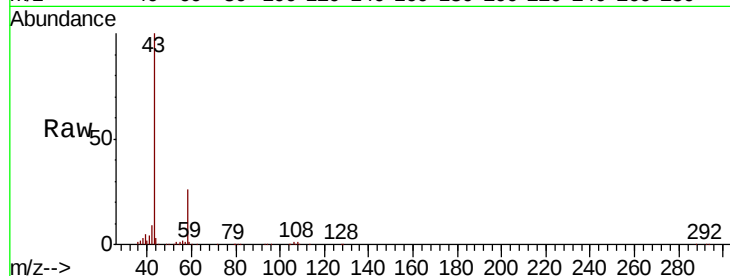
ClientSampleId :

Tot Ion: 43 Resp: 1342514

Ion Ratio Lower Upper

43 100

58 27.8 24.0 36.0



#16

1,3-Butadiene

Concen: 11.063 ppbv

RT: 3.32 min Scan# 166

Delta R.T. 0.01 min

Lab File: VL037128.D

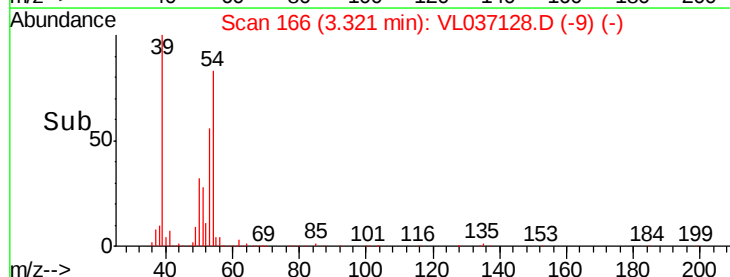
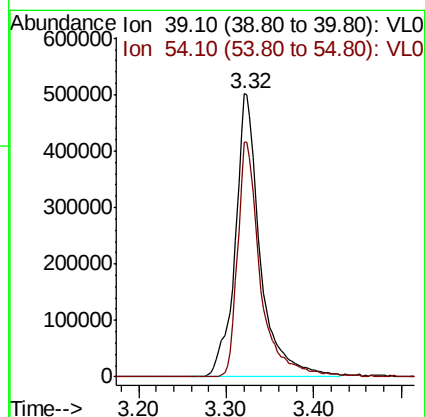
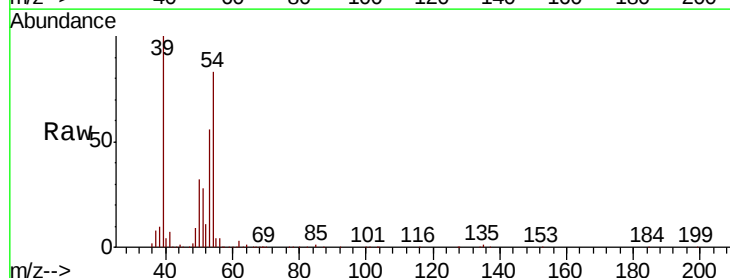
Acq: 8 Jun 2021 11:41

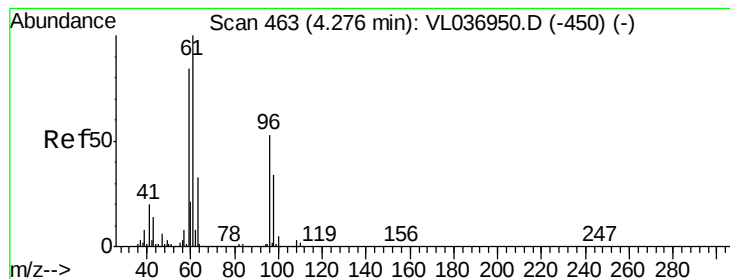
Tgt Ion: 39 Resp: 993639

Ion Ratio Lower Upper

39 100

54 76.4 63.2 94.8



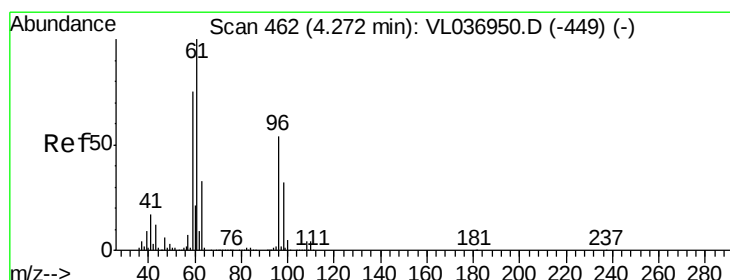
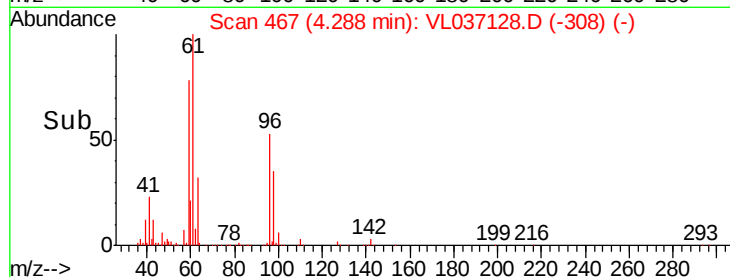
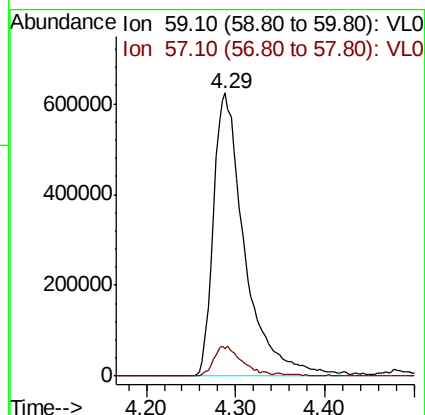
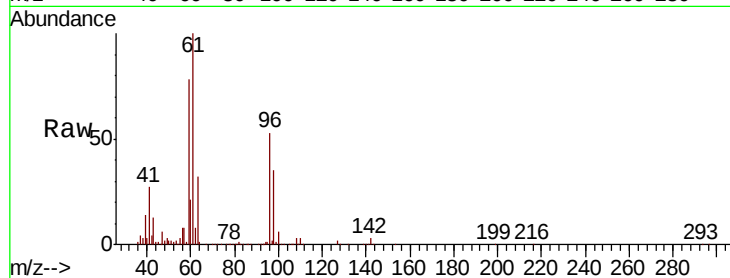


#17

tert-Butyl alcohol
 Concen: 11.421 ppbv
 RT: 4.29 min Scan# 467
 Delta R.T. 0.01 min
 Lab File: VL037128.D
 Acq: 8 Jun 2021 11:41

Instrument :
 MSVOA_L
 ClientSampleId :

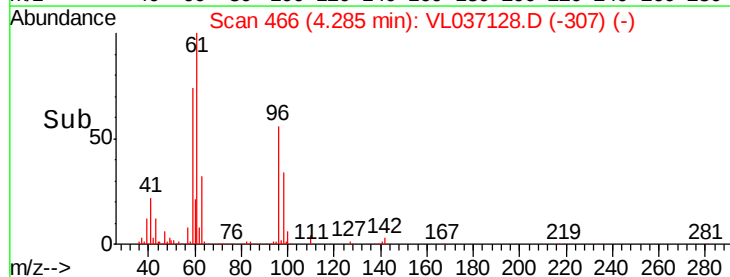
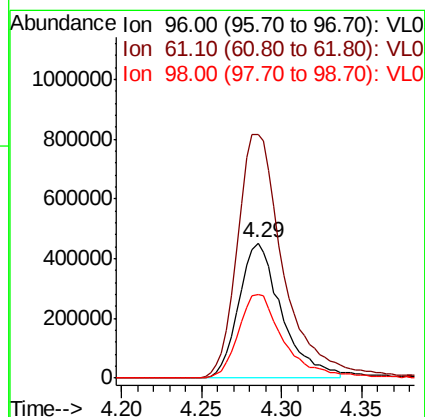
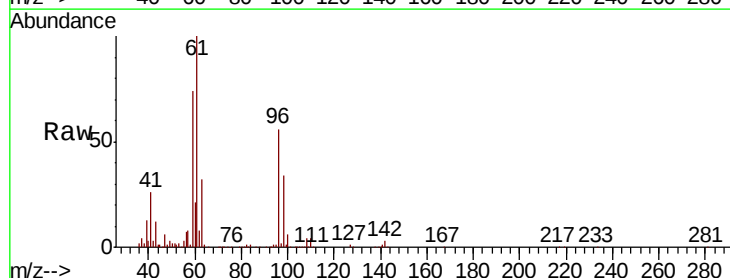
Tot Ion: 59 Resp: 1512395
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.3 12.5

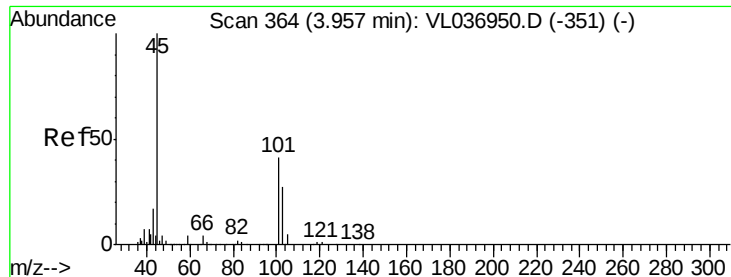


#18

1,1-Dichloroethene
 Concen: 11.404 ppbv
 RT: 4.29 min Scan# 466
 Delta R.T. 0.01 min
 Lab File: VL037128.D
 Acq: 8 Jun 2021 11:41

Tgt Ion: 96 Resp: 832455
 Ion Ratio Lower Upper
 96 100
 61 180.0 148.2 222.4
 98 61.9 47.8 71.6



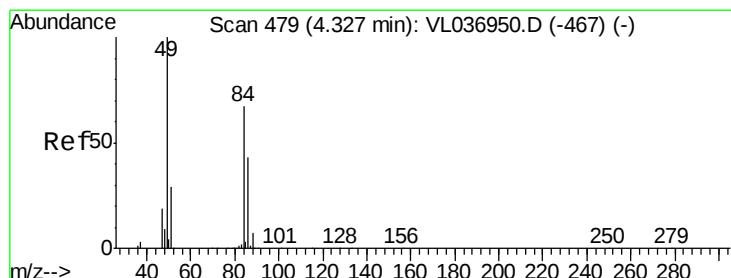
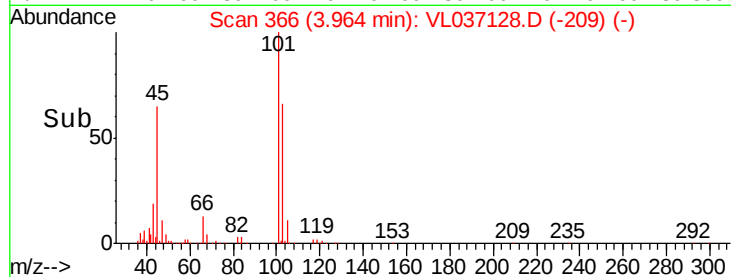
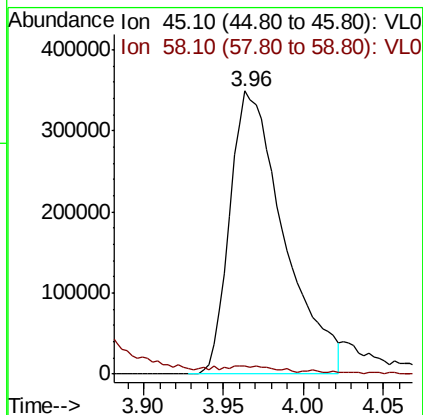
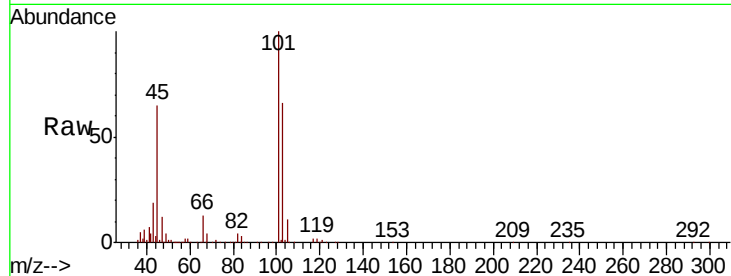


#19

Isopropyl Alcohol
 Concen: 10.371 ppbv
 RT: 3.96 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VL037128.D
 Acq: 8 Jun 2021 11:41

Instrument :
 MSVOA_L
 ClientSampleId :

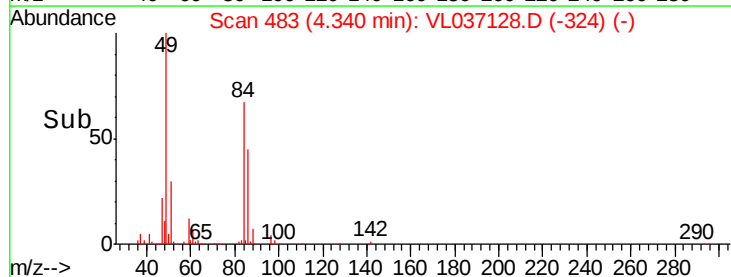
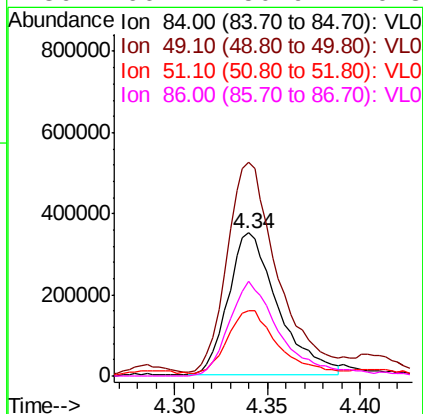
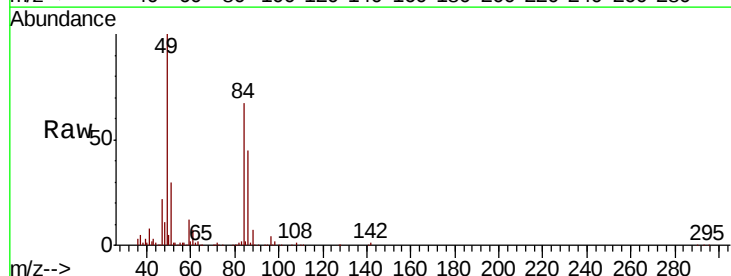
Tot Ion: 45 Resp: 805929
 Ion Ratio Lower Upper
 45 100
 58 3.6 37.2 55.8#

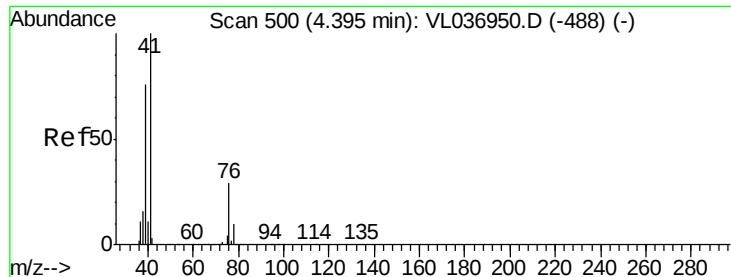


#20

Methylene Chloride
 Concen: 8.484 ppbv
 RT: 4.34 min Scan# 483
 Delta R.T. 0.01 min
 Lab File: VL037128.D
 Acq: 8 Jun 2021 11:41

Tgt Ion: 84 Resp: 657415
 Ion Ratio Lower Upper
 84 100
 49 147.3 119.8 179.6
 51 43.5 35.1 52.7
 86 66.4 50.9 76.3





#21

Allvl Chloride

Concen: 11.203 ppbv

RT: 4.41 min Scan# 504

Delta R.T. 0.01 min

Lab File: VL037128.D

Acq: 8 Jun 2021 11:41

Instrument :

MSVOA_L

ClientSampleId :

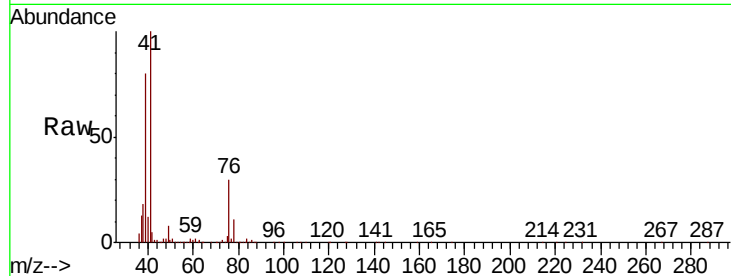
Tot Ion: 41 Resp: 1221732

Ion Ratio Lower Upper

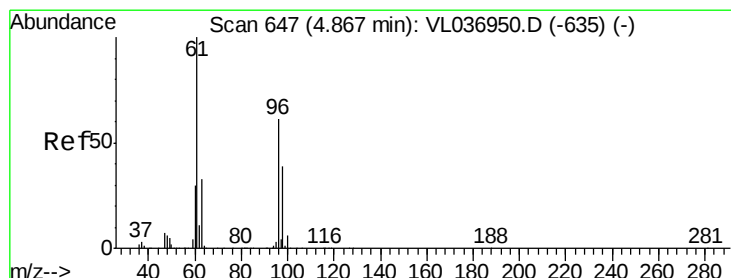
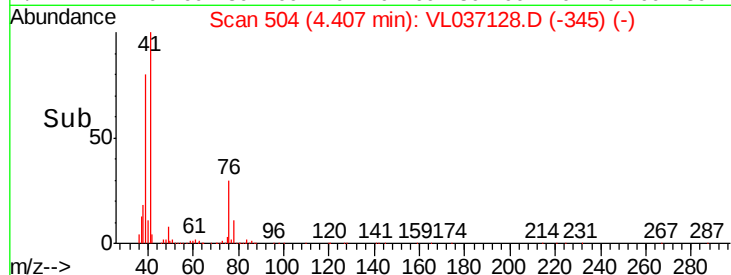
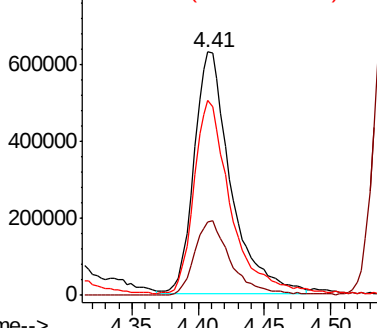
41 100

76 30.8 24.9 37.3

39 80.1 63.7 95.5



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 76.10 (75.80 to 76.80): VL0
Ion 39.10 (38.80 to 39.80): VL0



#22

trans-1,2-Dichloroethene

Concen: 12.324 ppbv

RT: 4.88 min Scan# 651

Delta R.T. 0.01 min

Lab File: VL037128.D

Acq: 8 Jun 2021 11:41

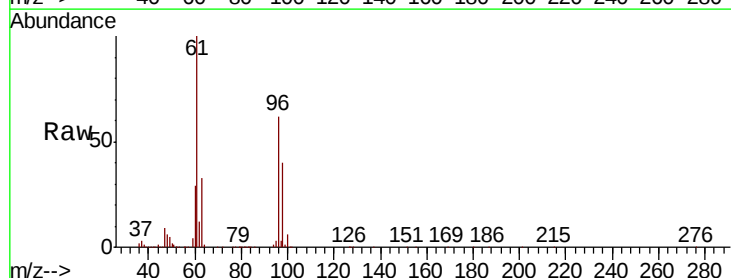
Tgt Ion: 96 Resp: 862126

Ion Ratio Lower Upper

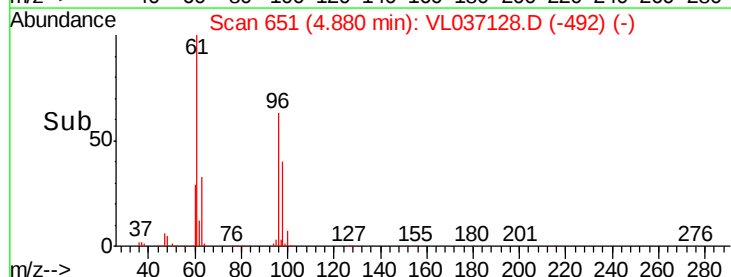
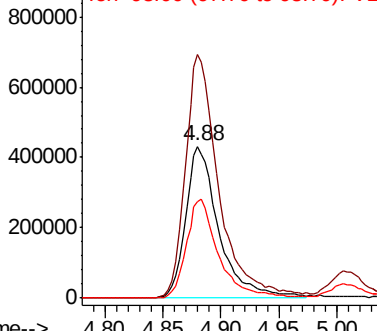
96 100

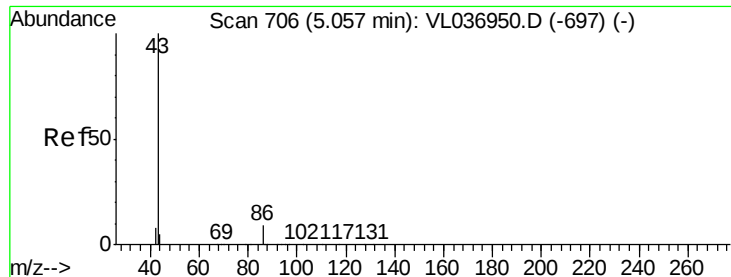
61 159.9 130.6 196.0

98 63.3 50.8 76.2



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



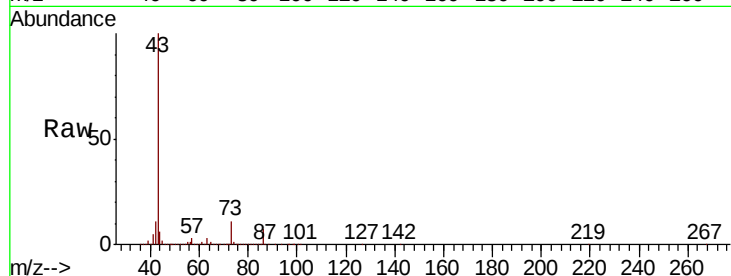


#23
 Vinyl Acetate
 Concen: 10.677 ppbv
 RT: 5.07 min Scan# 710
 Delta R.T. 0.01 min
 Lab File: VL037128.D
 Acq: 8 Jun 2021 11:41

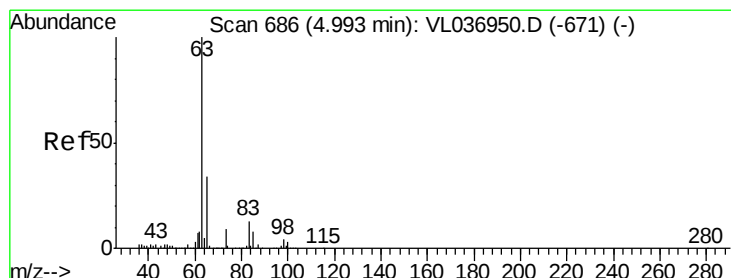
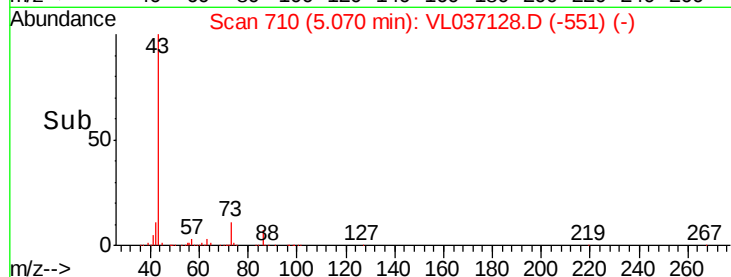
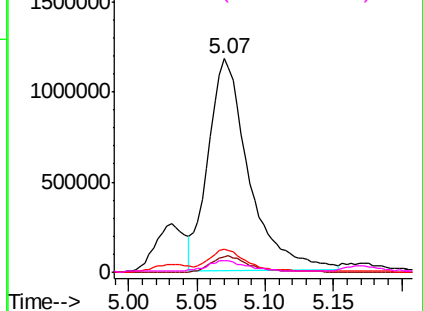
Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 43 Resp: 2449805

Ion	Ratio	Lower	Upper
43	100		
86	7.2	5.8	8.8
42	10.7	7.4	11.2
44	4.8	3.3	4.9



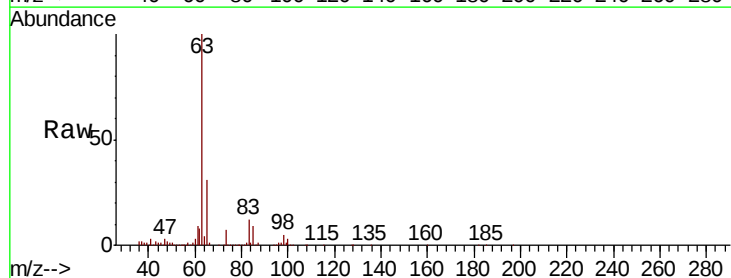
Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 86.10 (85.80 to 86.80): VL0
 Ion 42.10 (41.80 to 42.80): VL0
 Ion 44.10 (43.80 to 44.80): VL0



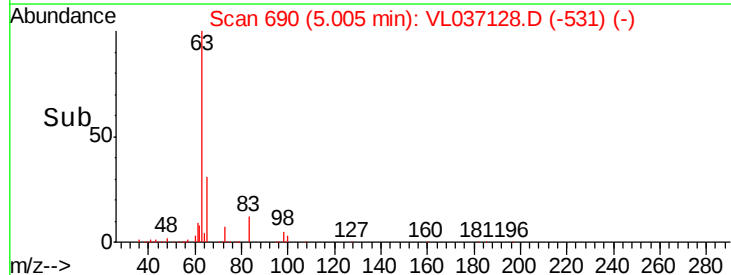
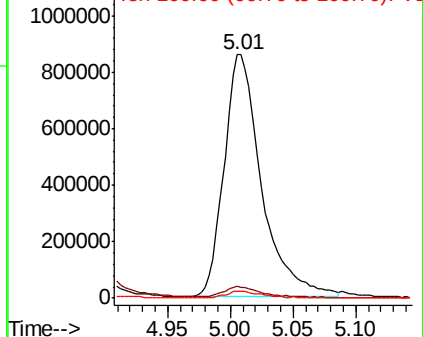
#24
 1,1-Dichloroethane
 Concen: 10.788 ppbv
 RT: 5.01 min Scan# 690
 Delta R.T. 0.01 min
 Lab File: VL037128.D
 Acq: 8 Jun 2021 11:41

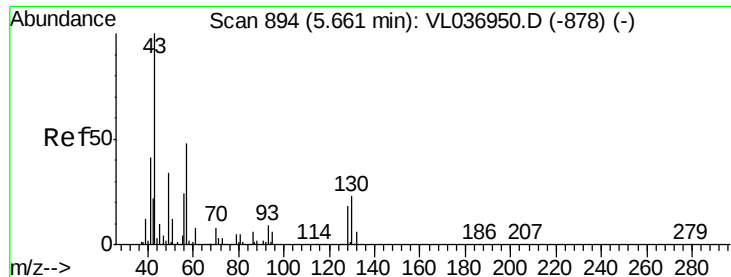
Tgt Ion: 63 Resp: 1781746

Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.3	6.9
100	2.9	1.4	4.0



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



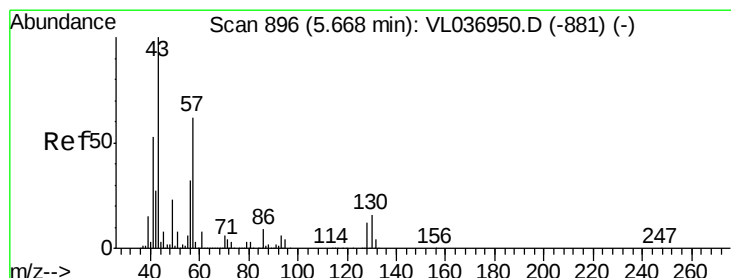
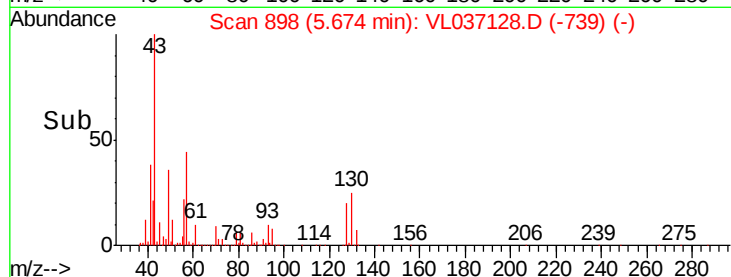
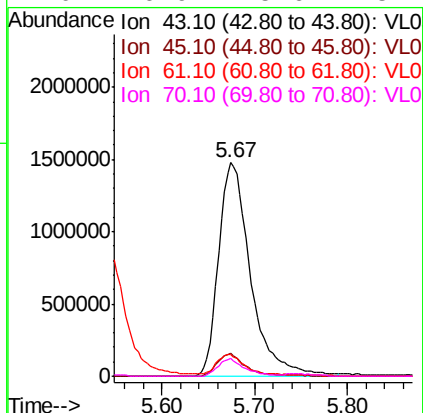
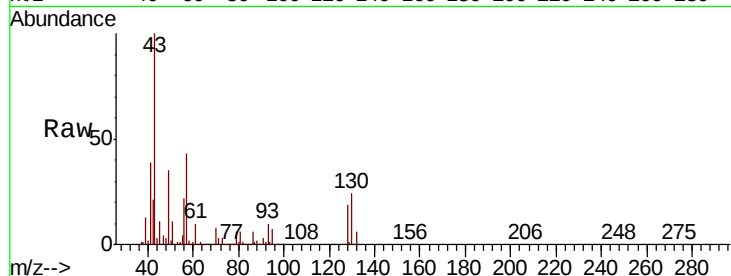


#25
Ethyl Acetate
Concen: 10.142 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.01 min
Lab File: VL037128.D
Acq: 8 Jun 2021 11:41

Instrument :
MSVOA_L
ClientSampleID :

Tot Ion: 43 Resp: 3522948

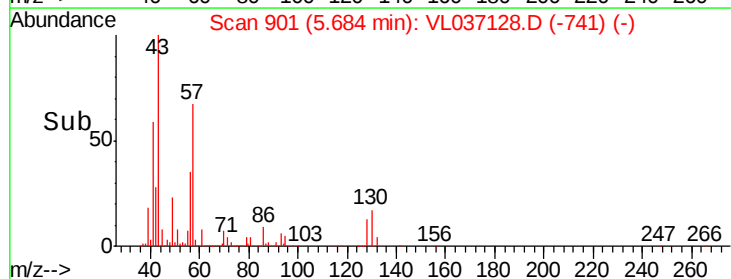
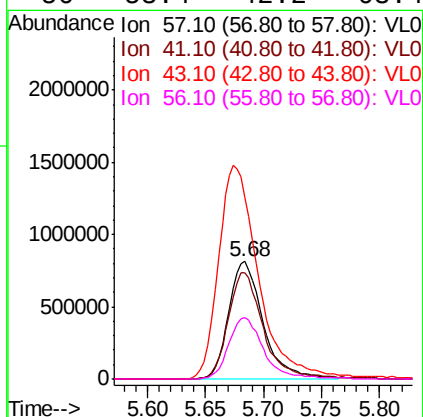
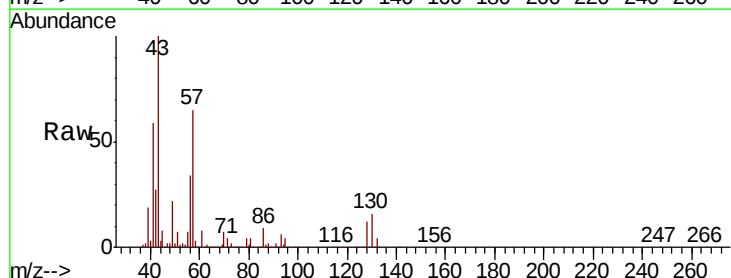
Ion	Ratio	Lower	Upper
43	100		
45	9.7	7.8	11.8
61	9.9	7.8	11.8
70	6.9	5.6	8.4

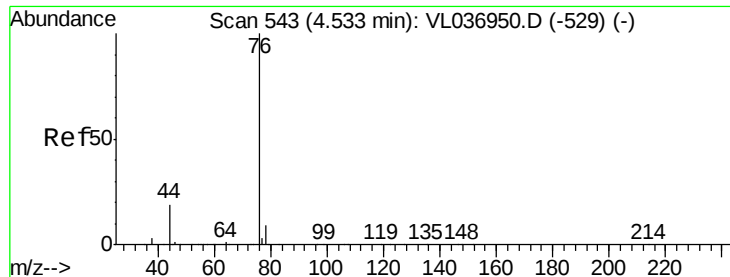


#26
Hexane
Concen: 9.462 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.02 min
Lab File: VL037128.D
Acq: 8 Jun 2021 11:41

Tgt Ion: 57 Resp: 1679083

Ion	Ratio	Lower	Upper
57	100		
41	92.7	70.5	105.7
43	212.5	165.8	248.8
56	53.4	42.2	63.4





#27

Carbon Disulfide

Concen: 10.741 ppbv

RT: 4.55 min Scan# 547

Delta R.T. 0.01 min

Lab File: VL037128.D

Acq: 8 Jun 2021 11:41

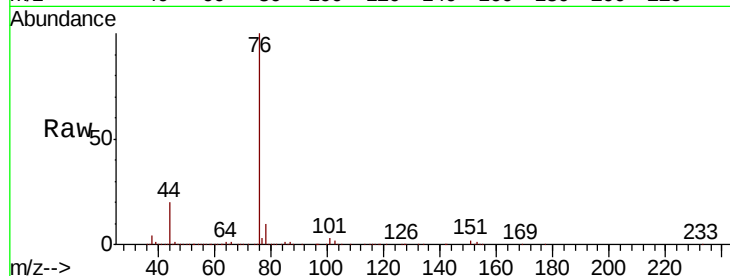
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 76 Resp: 1921142

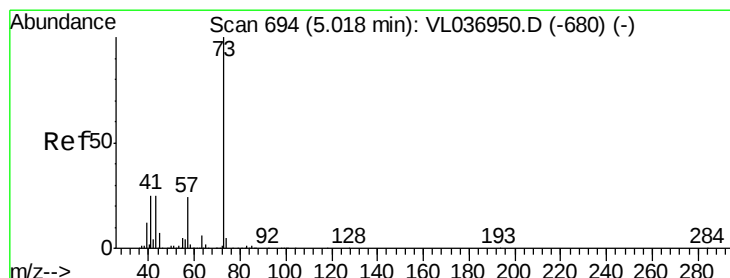
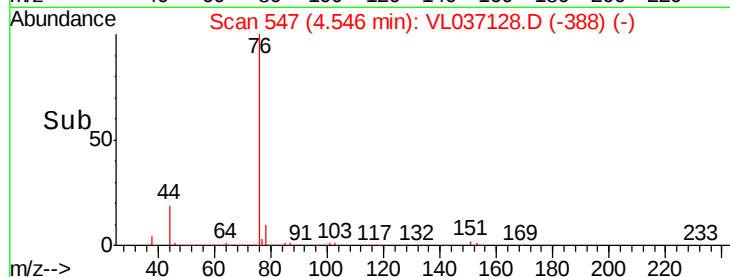
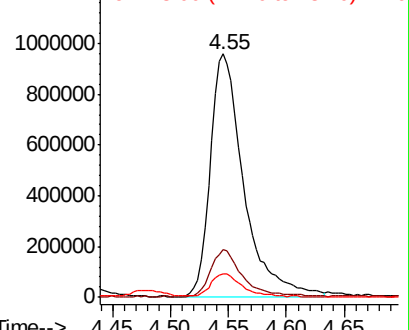
Ion	Ratio	Lower	Upper
76	100		
44	18.8	15.5	23.3
78	9.8	7.8	11.6



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: 9.935 ppbv

RT: 5.03 min Scan# 698

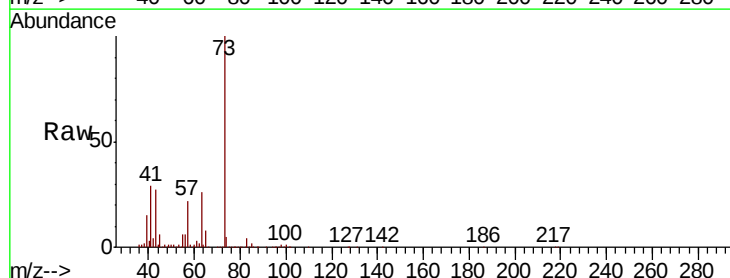
Delta R.T. 0.01 min

Lab File: VL037128.D

Acq: 8 Jun 2021 11:41

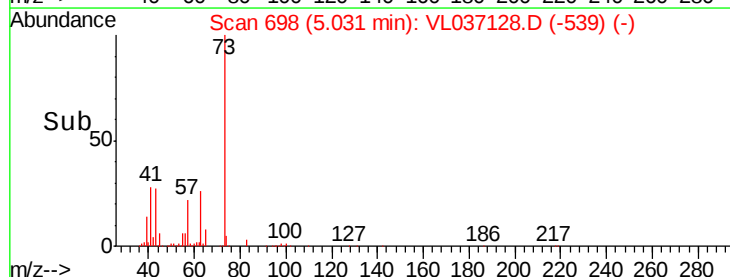
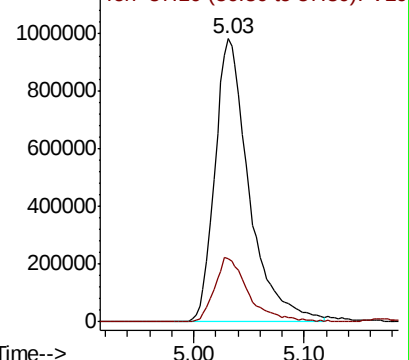
Tgt Ion: 73 Resp: 2113333

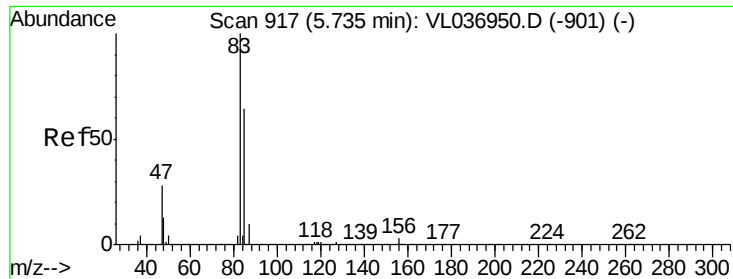
Ion	Ratio	Lower	Upper
73	100		
57	22.7	18.3	27.5



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

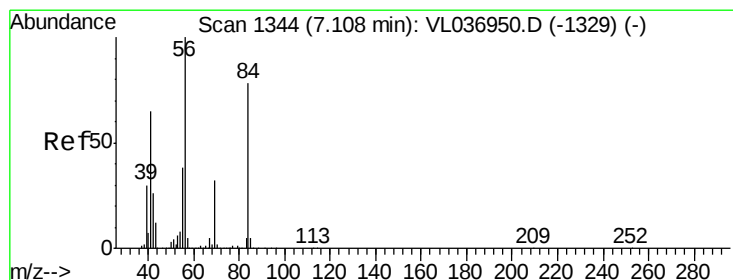
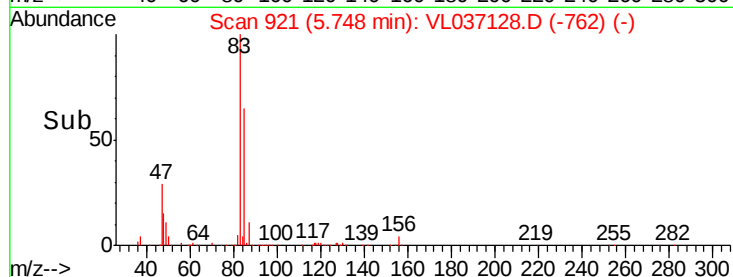
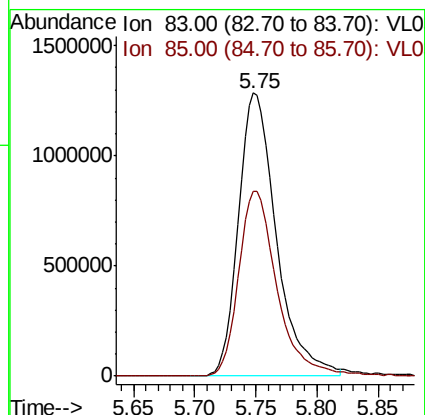
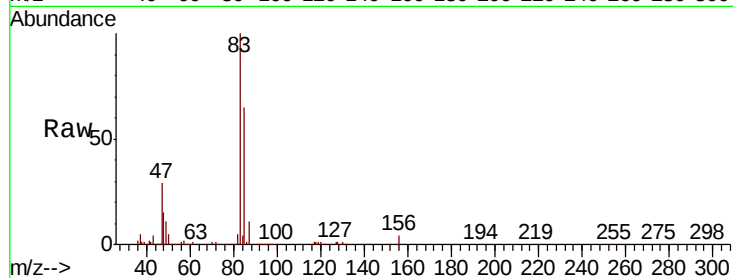




#29
Chloroform
Concen: 11.048 ppbv
RT: 5.75 min Scan# 921
Delta R.T. 0.01 min
Lab File: VL037128.D
Acq: 8 Jun 2021 11:41

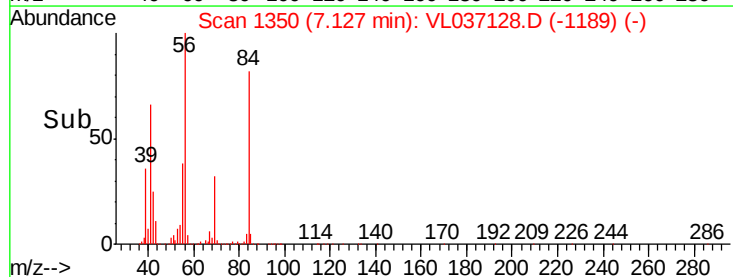
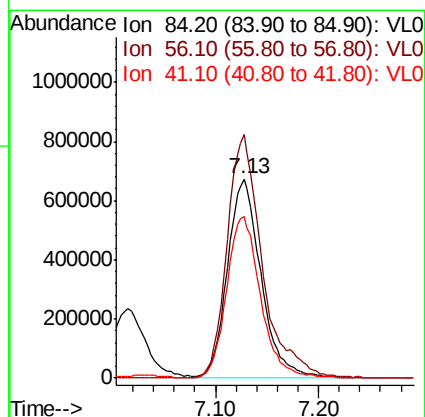
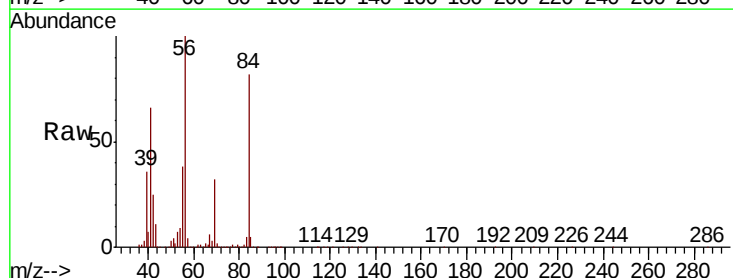
Instrument :
MSVOA_L
ClientSampled :

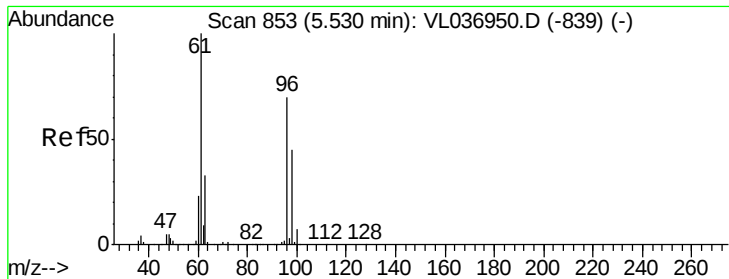
Tot Ion: 83 Resp: 2769794
Ion Ratio Lower Upper
83 100
85 65.2 51.1 76.7



#30
Cyclohexane
Concen: 10.089 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. 0.02 min
Lab File: VL037128.D
Acq: 8 Jun 2021 11:41

Tgt Ion: 84 Resp: 1521538
Ion Ratio Lower Upper
84 100
56 129.2 107.9 161.9
41 82.5 65.5 98.3



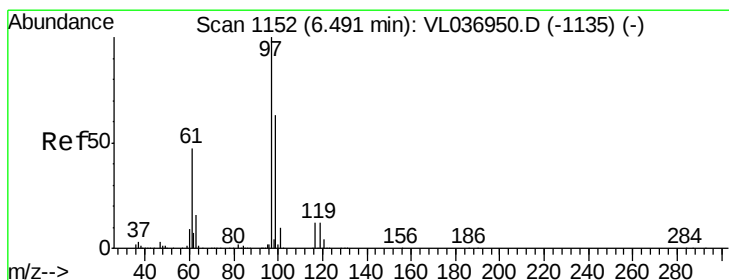
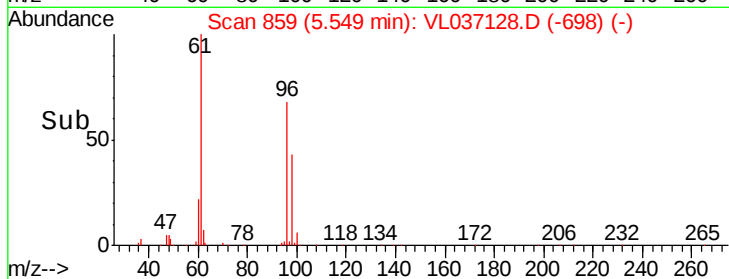
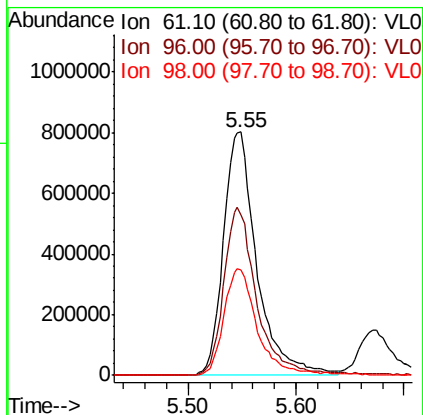
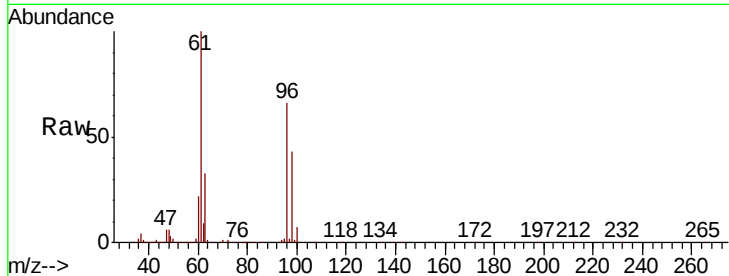


#31

cis-1,2-Dichloroethene
 Concen: 10.796 ppbv
 RT: 5.55 min Scan# 859
 Delta R.T. 0.02 min
 Lab File: VL037128.D
 Acq: 8 Jun 2021 11:41

Instrument :
 MSVOA_L
 ClientSampleId :

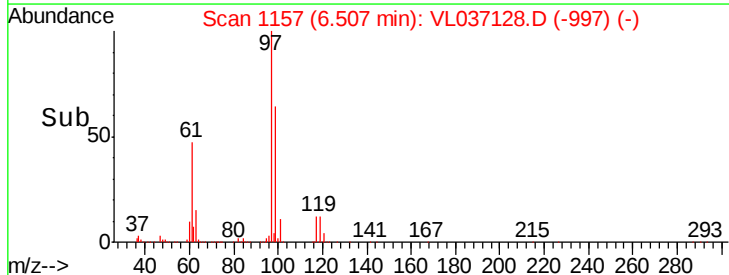
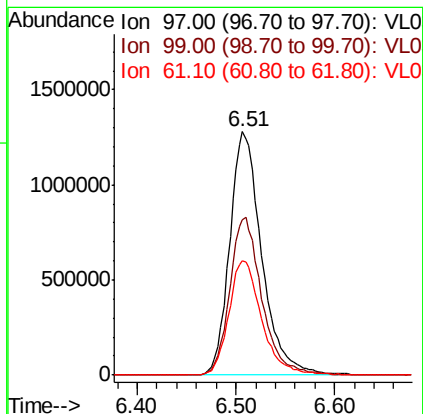
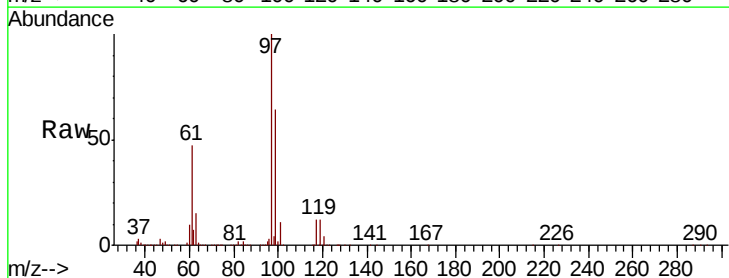
Tot Ion: 61 Resp: 1717755
 Ion Ratio Lower Upper
 61 100
 96 66.0 55.9 83.9
 98 43.4 35.6 53.4

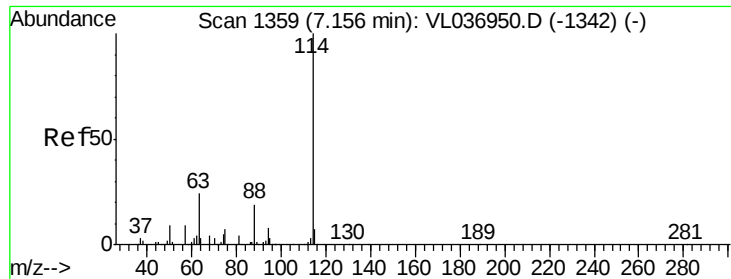


#32

1,1,1-Trichloroethane
 Concen: 10.766 ppbv
 RT: 6.51 min Scan# 1157
 Delta R.T. 0.02 min
 Lab File: VL037128.D
 Acq: 8 Jun 2021 11:41

Tgt Ion: 97 Resp: 2898343
 Ion Ratio Lower Upper
 97 100
 99 65.3 51.9 77.9
 61 48.3 37.6 56.4

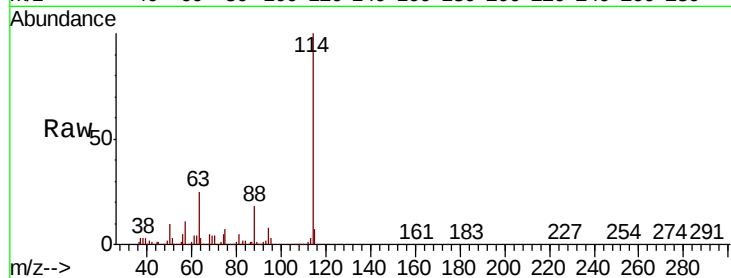




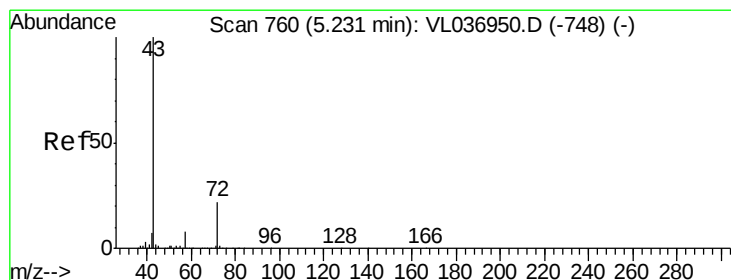
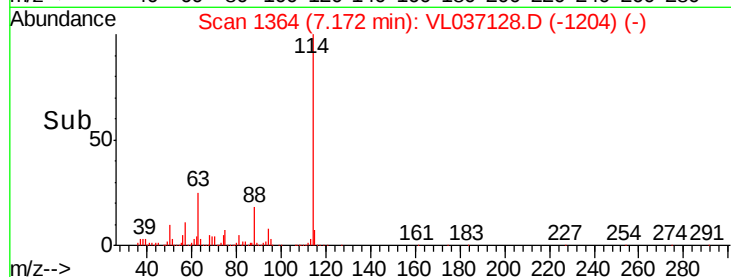
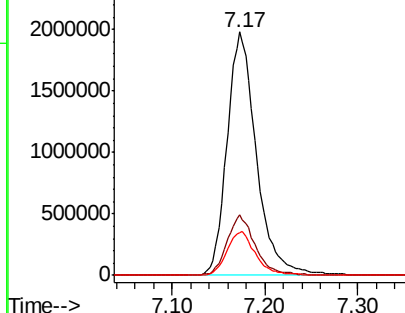
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. 0.02 min
 Lab File: VL037128.D
 Acq: 8 Jun 2021 11:41

Instrument :
 MSVOA_L
 ClientSampled :

Tot Ion:114 Resp: 4333934
 Ion Ratio Lower Upper
 114 100
 63 24.1 19.6 29.4
 88 17.7 14.6 21.8

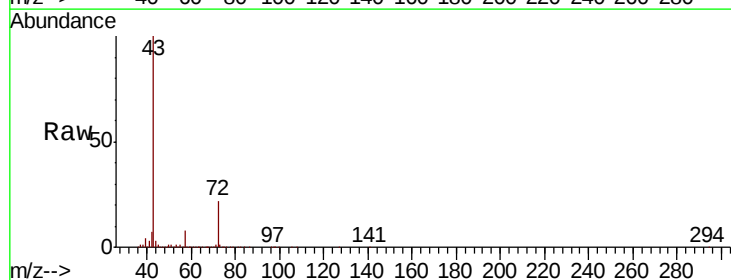


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

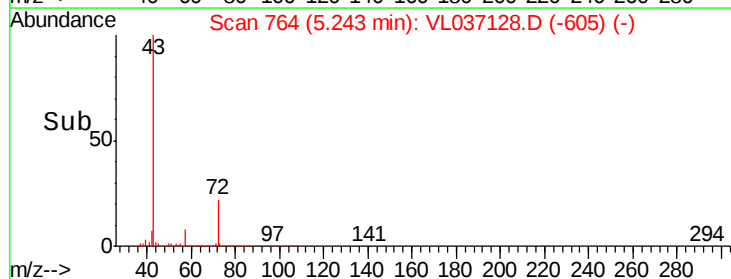
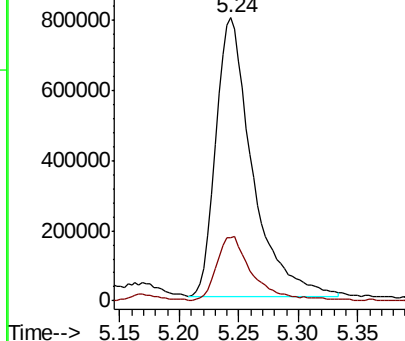


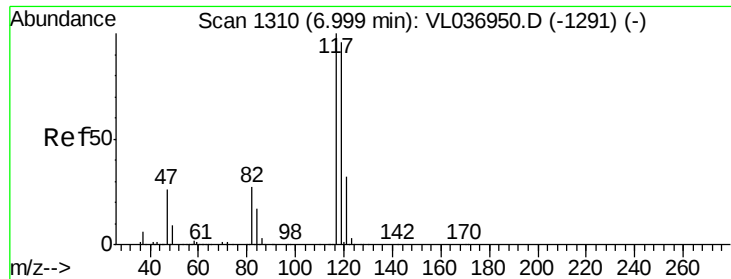
#34
 2-Butanone
 Concen: 10.696 ppbv
 RT: 5.24 min Scan# 764
 Delta R.T. 0.01 min
 Lab File: VL037128.D
 Acq: 8 Jun 2021 11:41

Tgt Ion: 43 Resp: 1687978
 Ion Ratio Lower Upper
 43 100
 72 22.9 19.0 28.4



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

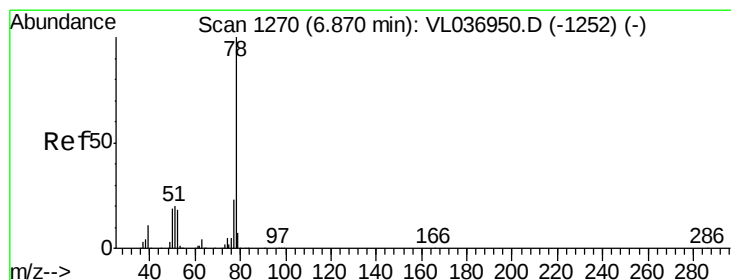
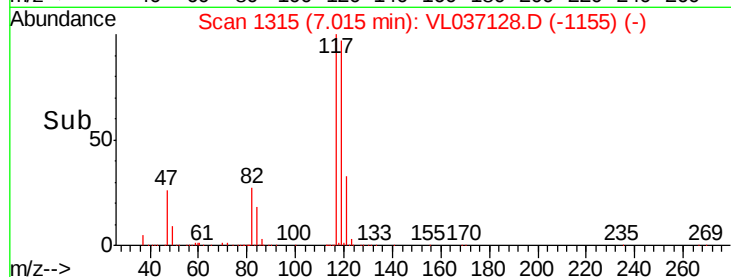
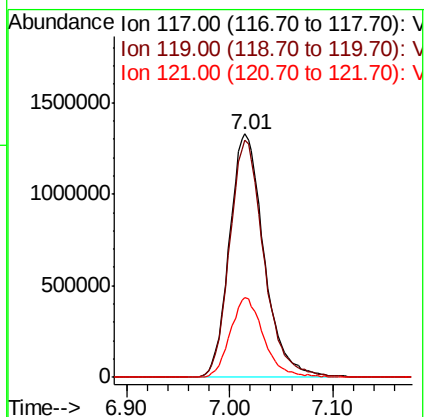
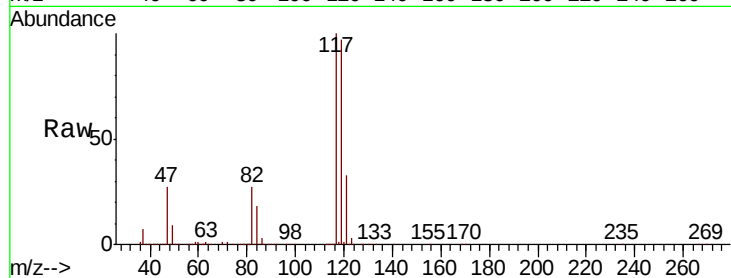




#35
Carbon Tetrachloride
Concen: 10.802 ppbv
RT: 7.01 min Scan# 1315
Delta R.T. 0.02 min
Lab File: VL037128.D
Acq: 8 Jun 2021 11:41

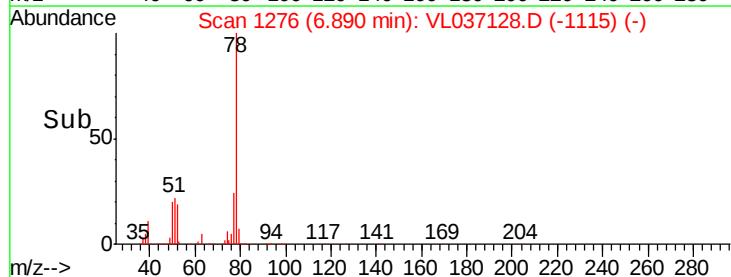
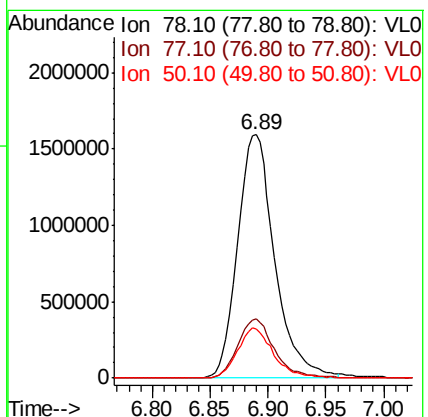
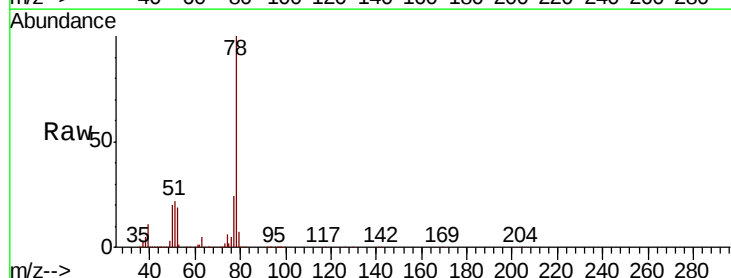
Instrument :
MSVOA_L
ClientSampleId :

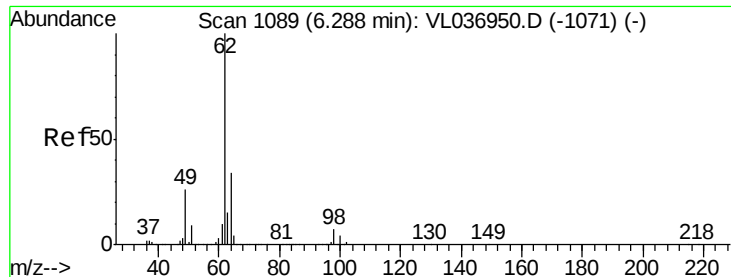
Tot Ion:117 Resp: 3110687
Ion Ratio Lower Upper
117 100
119 97.2 76.6 114.8
121 32.5 25.8 38.6



#36
Benzene
Concen: 9.475 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. 0.02 min
Lab File: VL037128.D
Acq: 8 Jun 2021 11:41

Tgt Ion: 78 Resp: 3537026
Ion Ratio Lower Upper
78 100
77 24.3 18.6 28.0
50 20.3 15.0 22.4

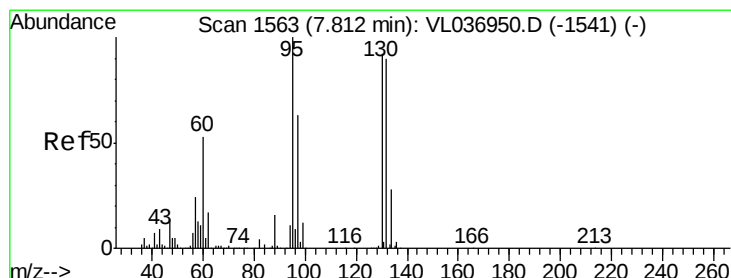
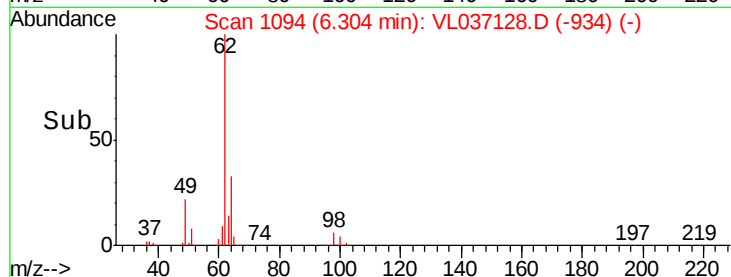
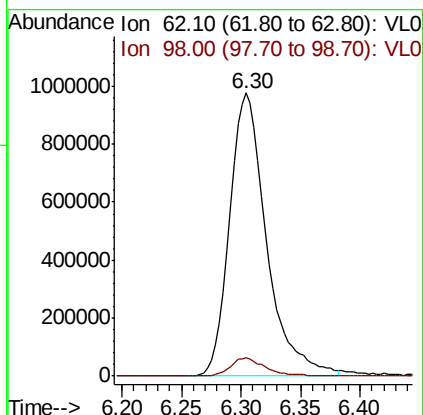
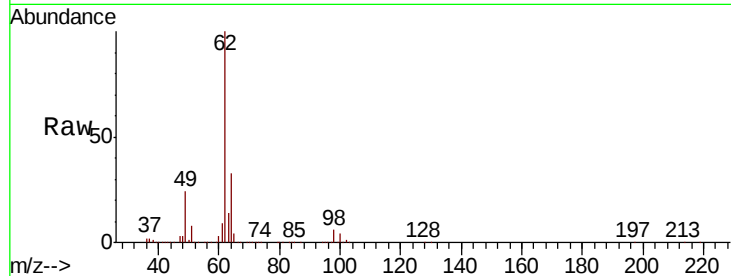




#37
 1,2-Dichloroethane
 Concen: 11.362 ppbv
 RT: 6.30 min Scan# 1094
 Delta R.T. 0.02 min
 Lab File: VL037128.D
 Acq: 8 Jun 2021 11:41

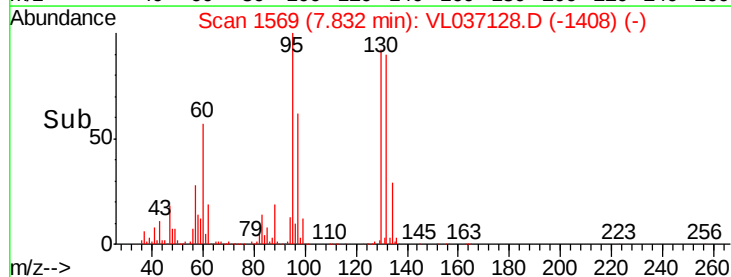
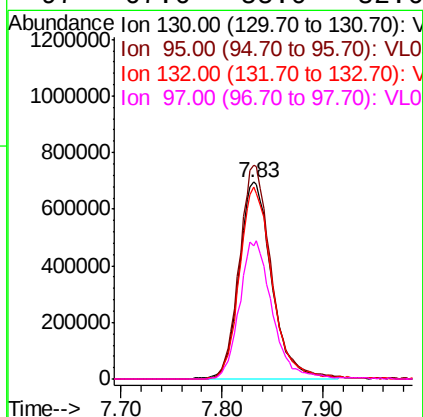
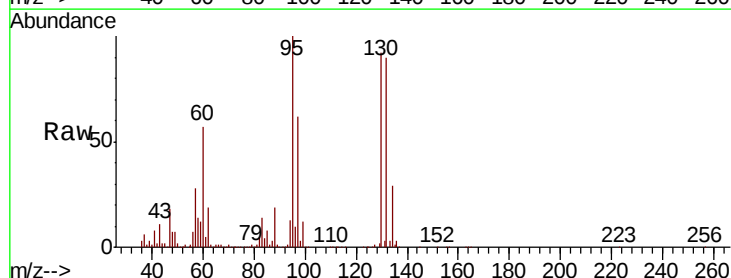
Instrument :
 MSVOA_L
 ClientSampled :

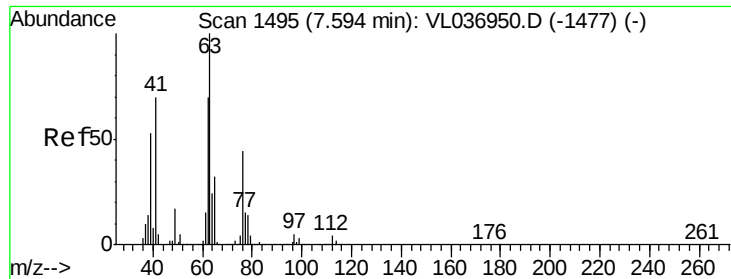
Tot Ion: 62 Resp: 2102909
 Ion Ratio Lower Upper
 62 100
 98 6.3 5.5 8.3



#38
 Trichloroethene
 Concen: 9.707 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T. 0.02 min
 Lab File: VL037128.D
 Acq: 8 Jun 2021 11:41

Tgt Ion:130 Resp: 1550092
 Ion Ratio Lower Upper
 130 100
 95 108.6 86.9 130.3
 132 97.5 78.4 117.6
 97 67.6 55.0 82.6



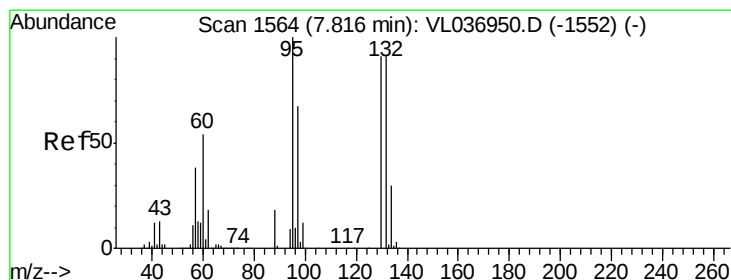
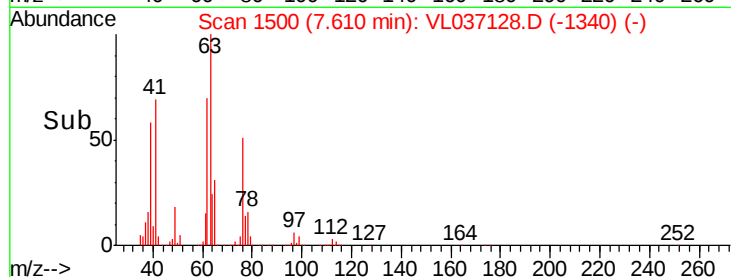
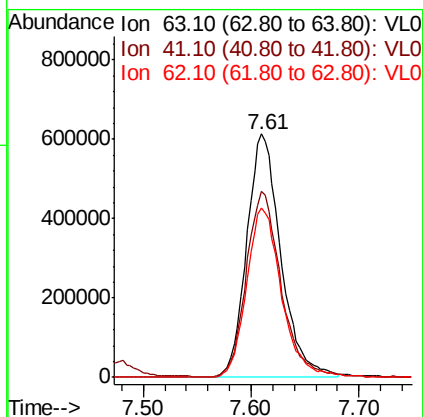
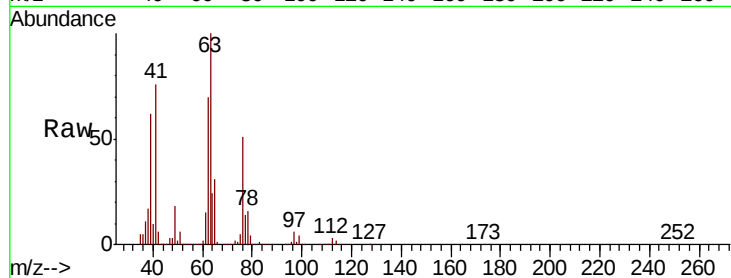


#39
 1,2-Dichloropropane
 Concen: 9.356 ppbv
 RT: 7.61 min Scan# 1500
 Delta R.T. 0.02 min
 Lab File: VL037128.D
 Acq: 8 Jun 2021 11:41

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 63 Resp: 1345426

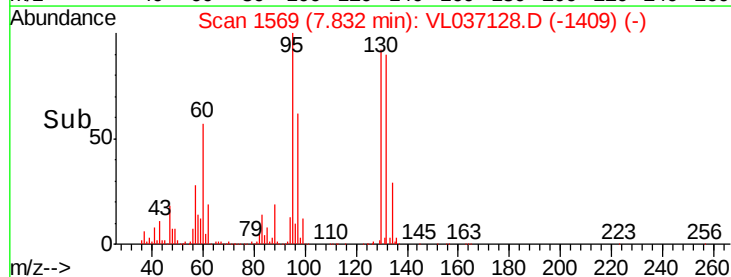
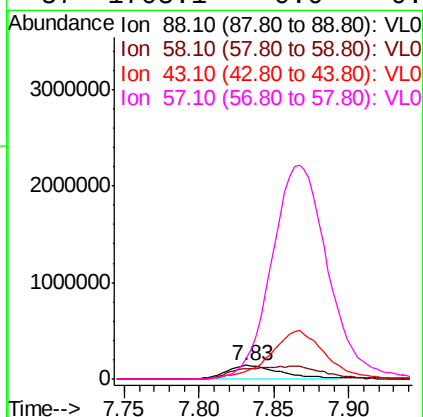
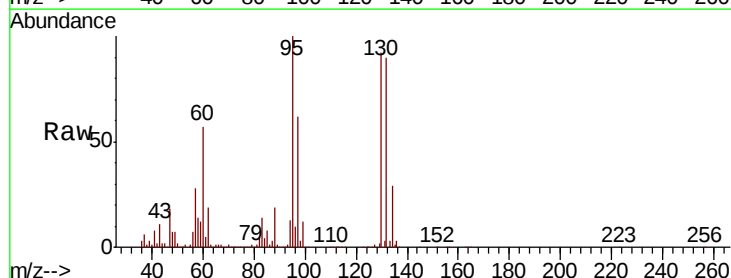
Ion	Ratio	Lower	Upper
63	100		
41	75.8	55.7	83.5
62	69.7	56.2	84.4

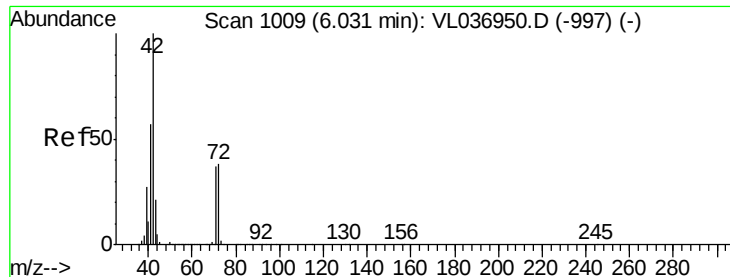


#40
 1,4-Dioxane
 Concen: 10.035 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T. 0.02 min
 Lab File: VL037128.D
 Acq: 8 Jun 2021 11:41

Tgt Ion: 88 Resp: 340727

Ion	Ratio	Lower	Upper
88	100		
58	155.8	0.0	0.0#
43	382.4	0.0	0.0#
57	1708.1	0.0	0.0#





#41

Tetrahydrofuran

Concen: 9.188 ppbv

RT: 6.05 min Scan# 1014

Delta R.T. 0.02 min

Lab File: VL037128.D

Acq: 8 Jun 2021 11:41

Instrument :

MSVOA_L

ClientSampled :

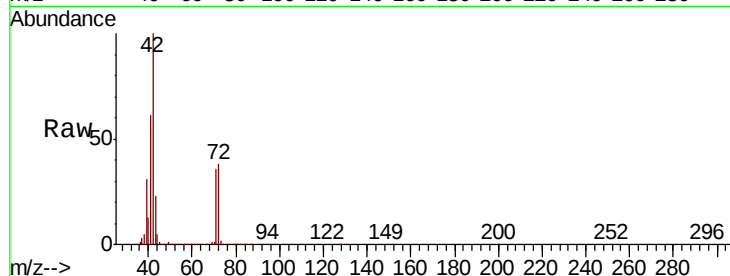
Tot Ion: 42 Resp: 825819

Ion Ratio Lower Upper

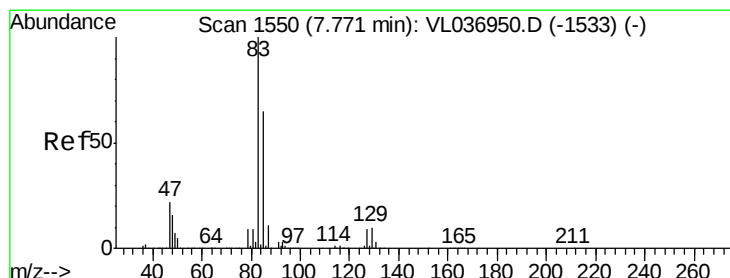
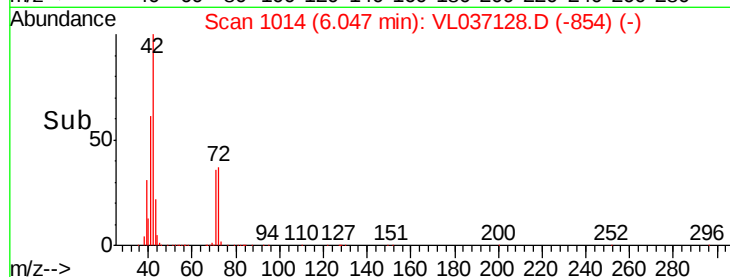
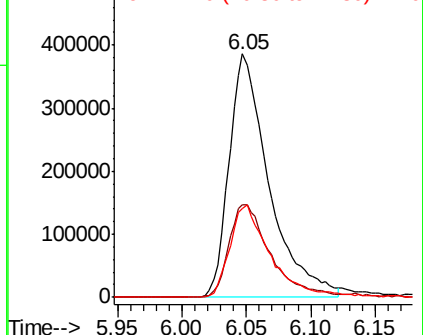
42 100

72 41.1 31.4 47.2

71 39.5 30.4 45.6



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: 11.017 ppbv

RT: 7.79 min Scan# 1556

Delta R.T. 0.02 min

Lab File: VL037128.D

Acq: 8 Jun 2021 11:41

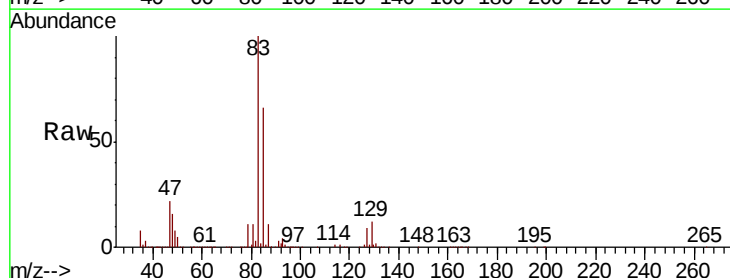
Tgt Ion: 83 Resp: 3084841

Ion Ratio Lower Upper

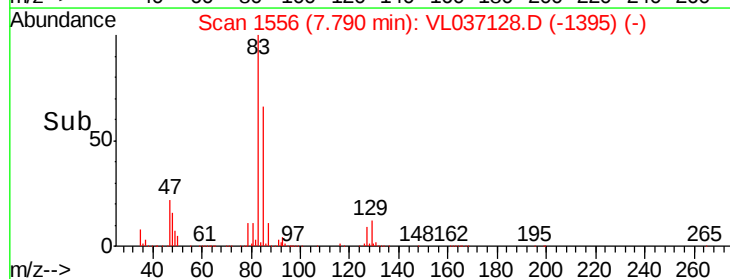
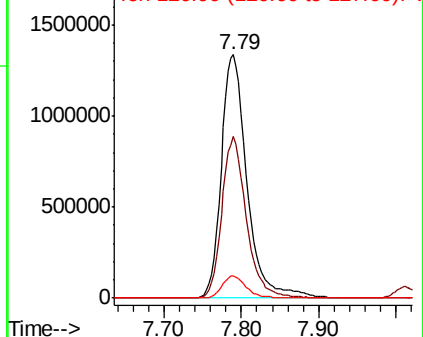
83 100

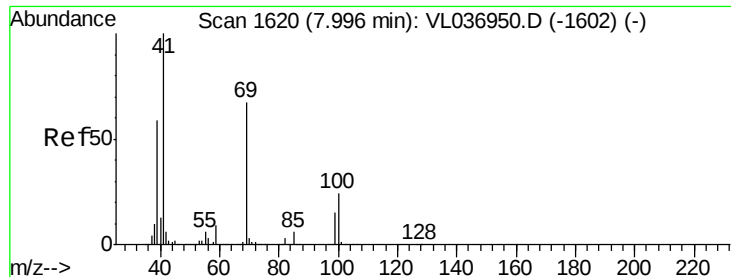
85 66.2 51.7 77.5

127 9.1 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

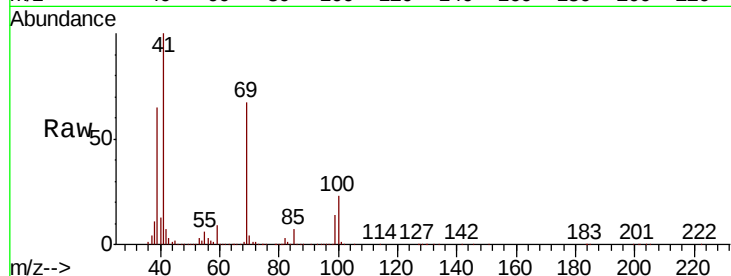




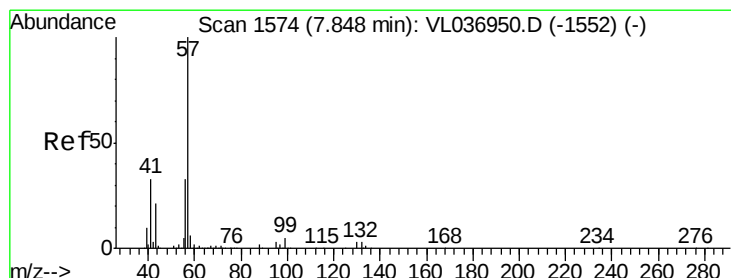
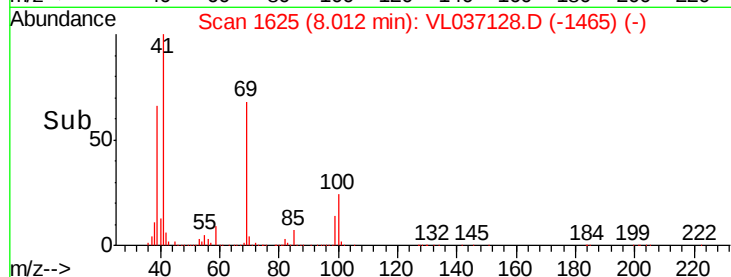
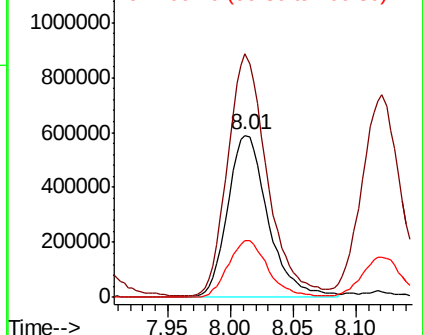
#43
Methyl Methacrylate
Concen: 10.261 ppbv
RT: 8.01 min Scan# 1625
Delta R.T. 0.02 min
Lab File: VL037128.D
Acq: 8 Jun 2021 11:41

Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 69 Resp: 1320258
Ion Ratio Lower Upper
69 100
41 147.2 118.6 178.0
100 34.9 28.2 42.4

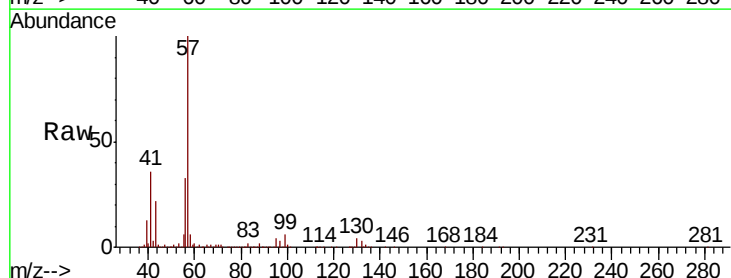


Abundance Ion 69.10 (68.80 to 69.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 100.10 (99.80 to 100.80): VL0

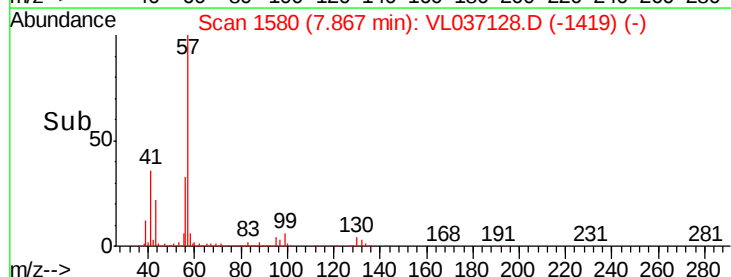
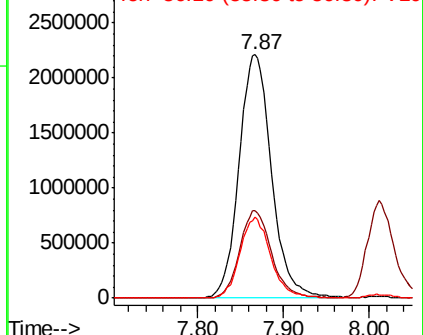


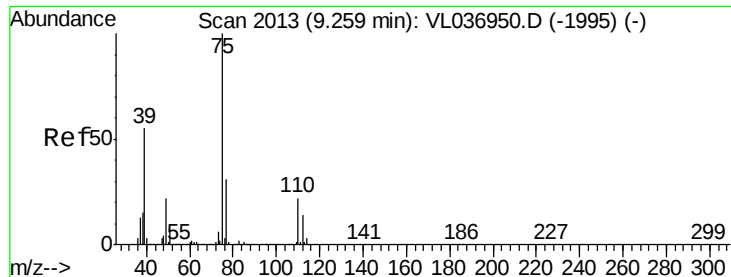
#44
2,2,4-Trimethylpentane
Concen: 9.057 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. 0.02 min
Lab File: VL037128.D
Acq: 8 Jun 2021 11:41

Tgt Ion: 57 Resp: 5800495
Ion Ratio Lower Upper
57 100
41 35.3 27.0 40.4
56 31.7 25.4 38.2



Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

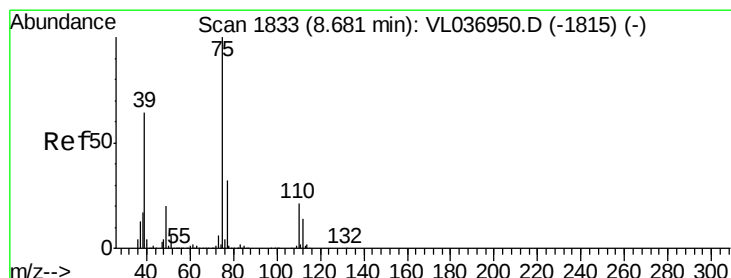
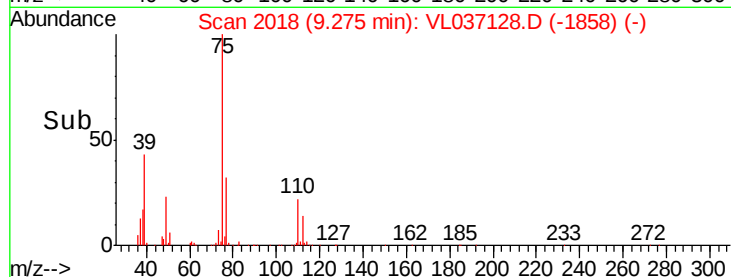
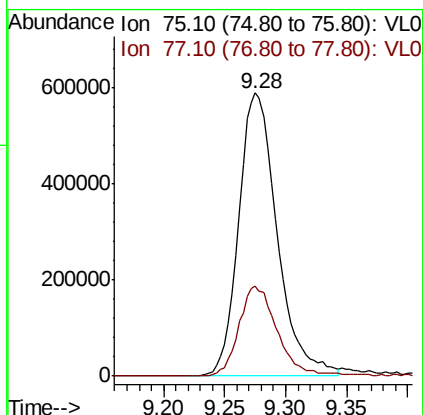
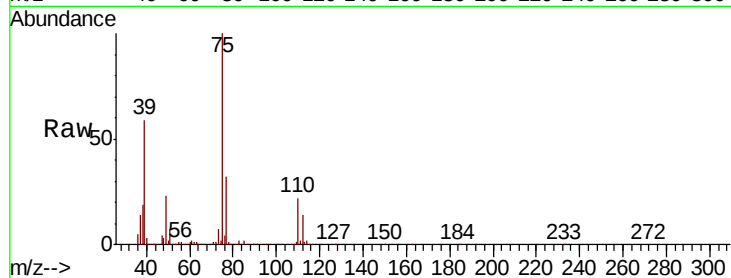




#45
 t-1,3-Dichloropropene
 Concen: 13.049 ppbv
 RT: 9.28 min Scan# 2018
 Delta R.T. 0.02 min
 Lab File: VL037128.D
 Acq: 8 Jun 2021 11:41

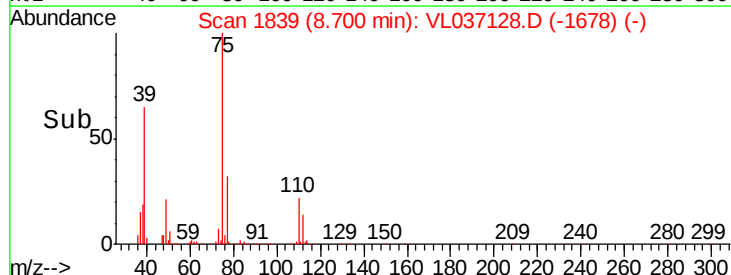
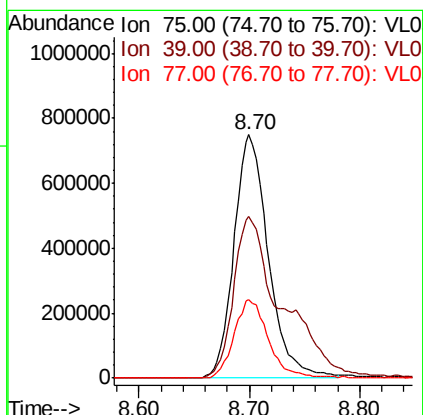
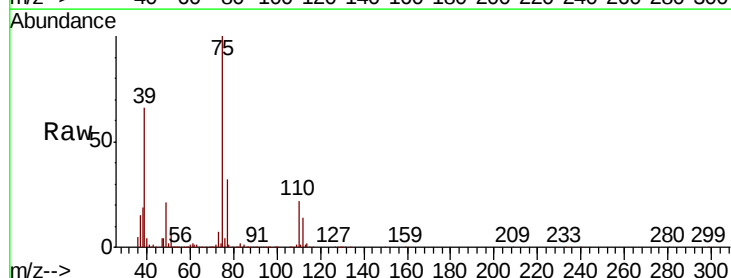
Instrument :
 MSVOA_L
 ClientSampleId :

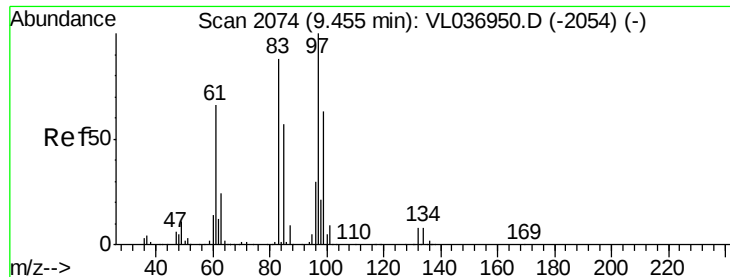
Tot Ion: 75 Resp: 1282711
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.4 36.6



#46
 cis-1,3-Dichloropropene
 Concen: 12.230 ppbv
 RT: 8.70 min Scan# 1839
 Delta R.T. 0.02 min
 Lab File: VL037128.D
 Acq: 8 Jun 2021 11:41

Tgt Ion: 75 Resp: 1617074
 Ion Ratio Lower Upper
 75 100
 39 66.1 51.5 77.3
 77 32.3 25.9 38.9





#47

1,1,2-Trichloroethane

Concen: 10.333 ppbv

RT: 9.47 min Scan# 2079

Delta R.T. 0.02 min

Lab File: VL037128.D

Acq: 8 Jun 2021 11:41

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 97 Resp: 1555238

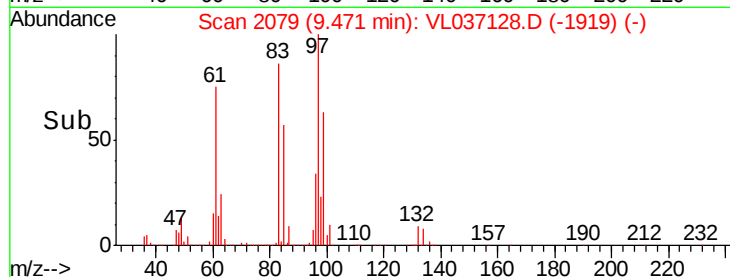
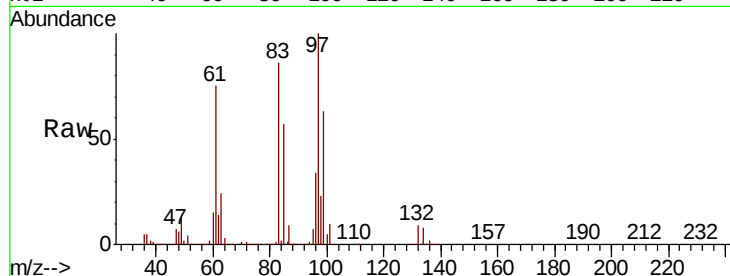
Ion	Ratio	Lower	Upper
97	100		
83	86.1	70.4	105.6
85	56.7	45.5	68.3
99	63.3	50.2	75.2

97 100

83 86.1 70.4 105.6

85 56.7 45.5 68.3

99 63.3 50.2 75.2

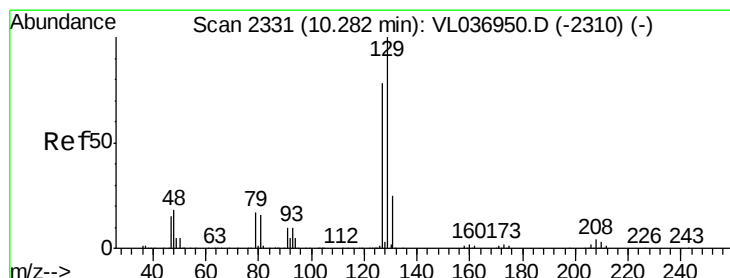
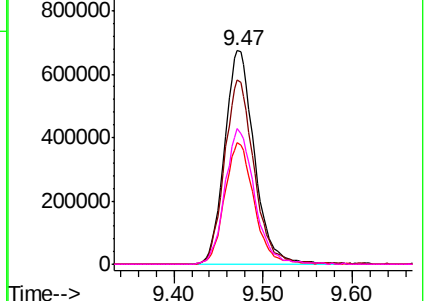


Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 99.00 (98.70 to 99.70): VL0



#48

Dibromochloromethane

Concen: 11.314 ppbv

RT: 10.30 min Scan# 2337

Delta R.T. 0.02 min

Lab File: VL037128.D

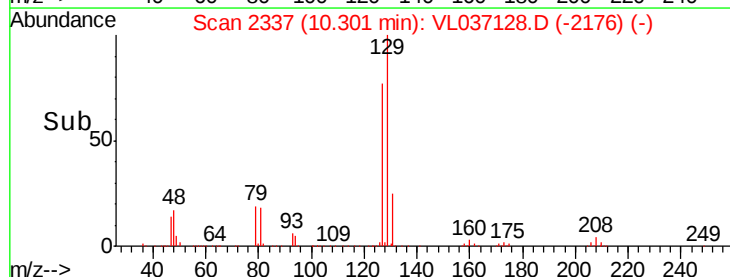
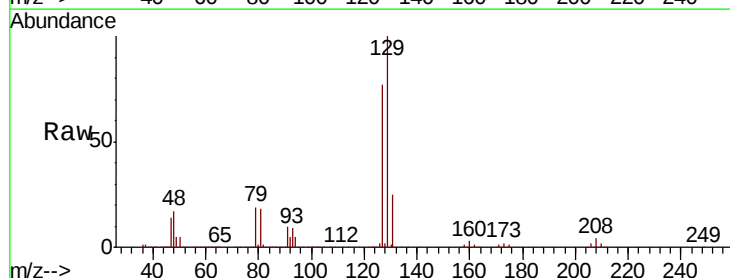
Acq: 8 Jun 2021 11:41

Tgt Ion:129 Resp: 2757315

Ion	Ratio	Lower	Upper
129	100		
127	79.0	39.3	117.8

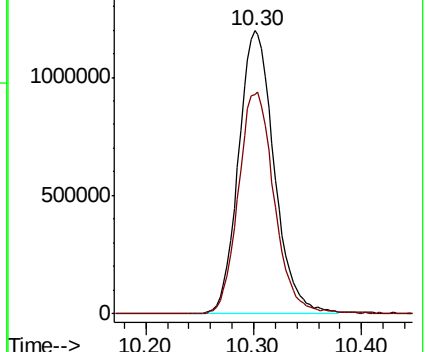
129 100

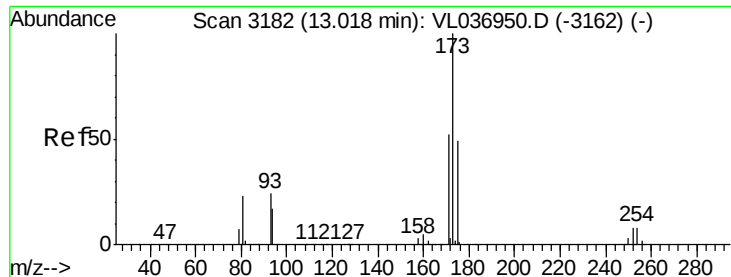
127 79.0 39.3 117.8



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 11.464 ppbv

RT: 13.04 min Scan# 3188

Delta R.T. 0.02 min

Lab File: VL037128.D

Acq: 8 Jun 2021 11:41

Instrument :

MSVOA_L

ClientSampleId :

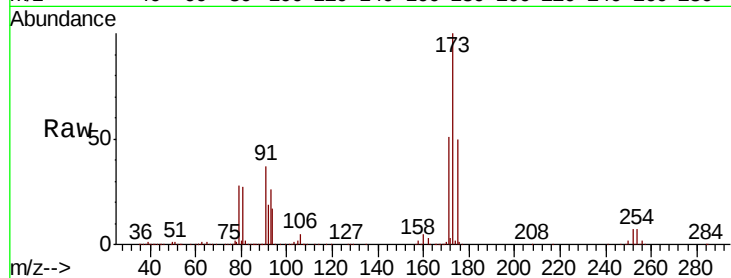
Tot Ion:173 Resp: 2307292

Ion Ratio Lower Upper

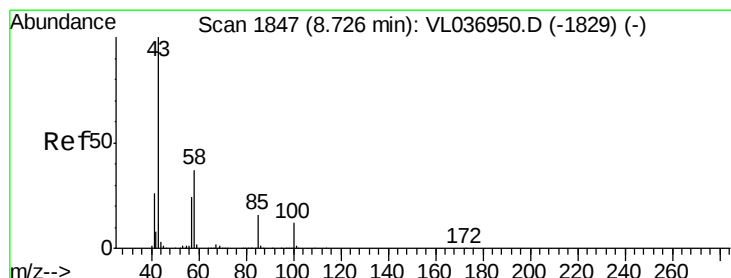
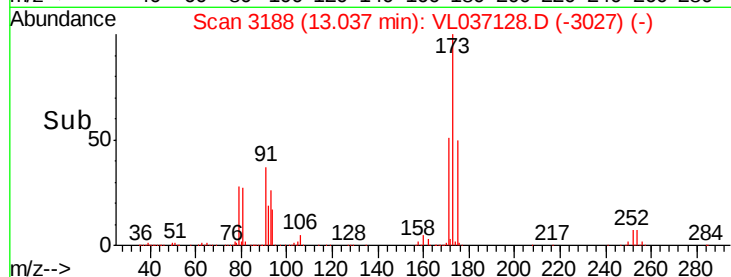
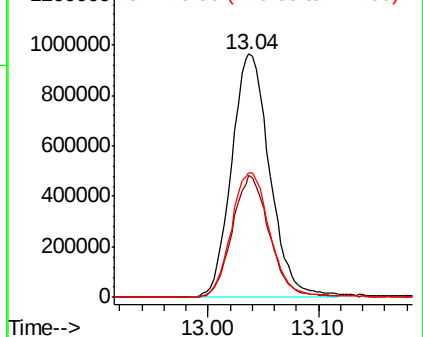
173 100

175 49.7 40.4 60.6

171 52.9 42.6 64.0



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



#50

4-Methyl-2-Pentanone

Concen: 9.753 ppbv

RT: 8.74 min Scan# 1852

Delta R.T. 0.02 min

Lab File: VL037128.D

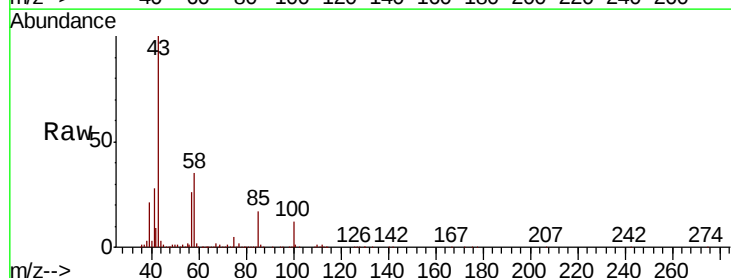
Acq: 8 Jun 2021 11:41

Tgt Ion: 43 Resp: 2539743

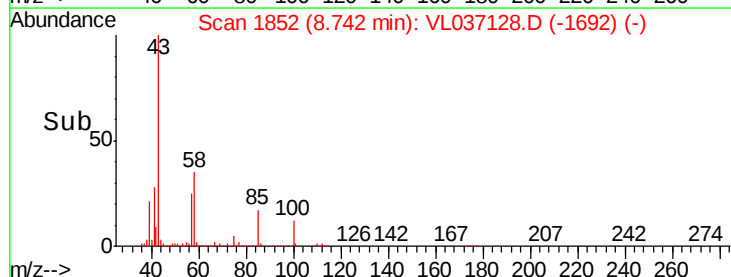
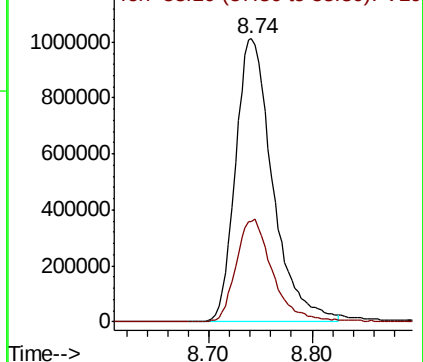
Ion Ratio Lower Upper

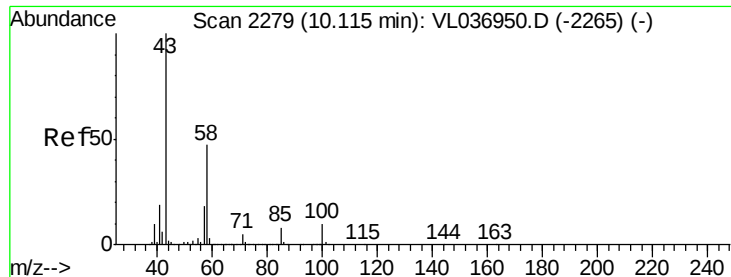
43 100

58 36.0 29.4 44.2



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

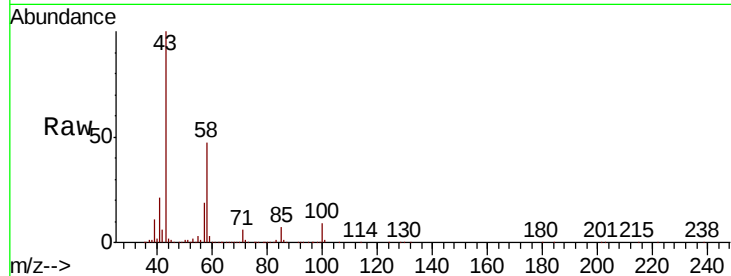




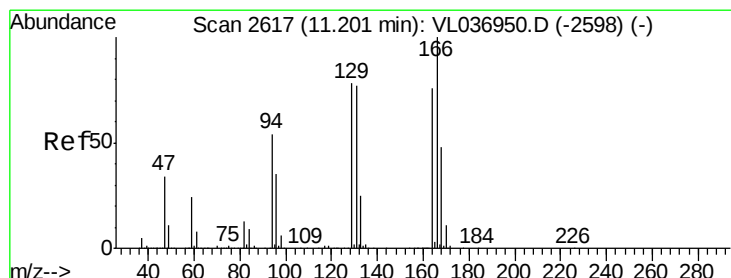
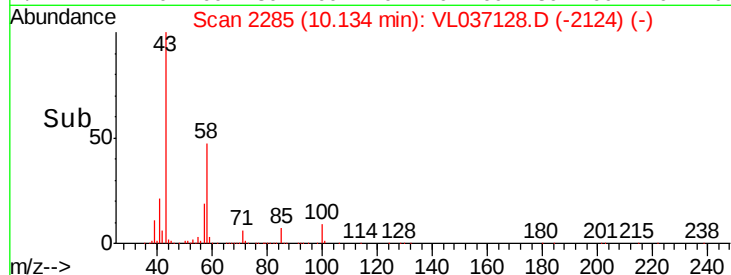
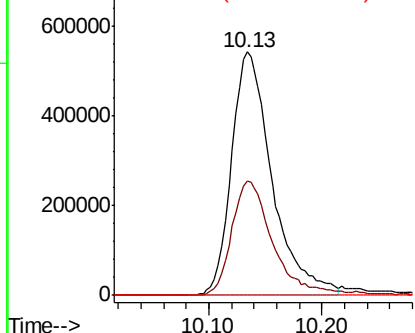
#51
2-Hexanone
Concen: 9.773 ppbv
RT: 10.13 min Scan# 2285
Delta R.T. 0.02 min
Lab File: VL037128.D
Acq: 8 Jun 2021 11:41

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 1345418
Ion Ratio Lower Upper
43 100
58 49.0 41.1 61.7
98 0.2 0.1 0.1#

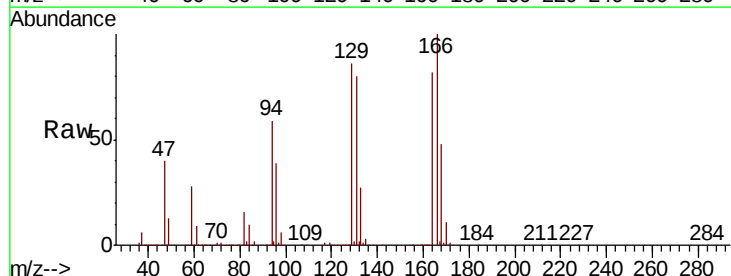


Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 98.20 (97.90 to 98.90): VL0

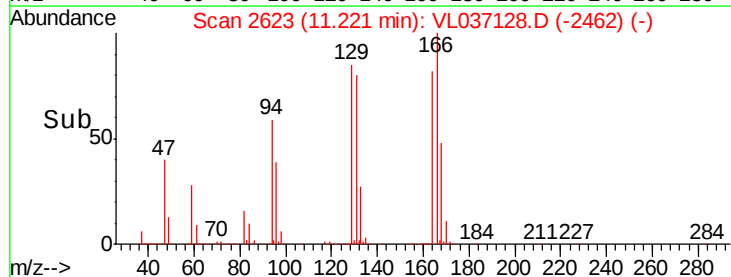
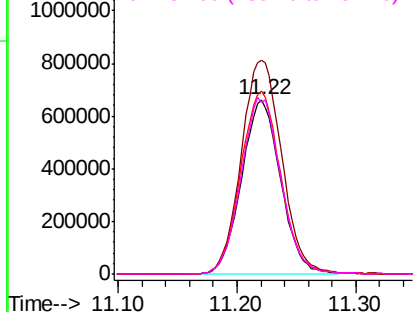


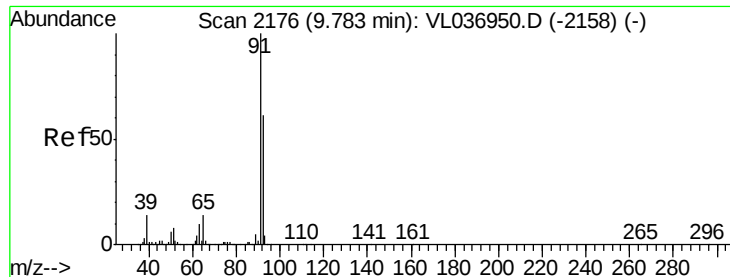
#52
Tetrachloroethene
Concen: 10.118 ppbv
RT: 11.22 min Scan# 2623
Delta R.T. 0.02 min
Lab File: VL037128.D
Acq: 8 Jun 2021 11:41

Tgt Ion: 164 Resp: 1501910
Ion Ratio Lower Upper
164 100
166 122.5 105.5 158.3
129 104.9 81.8 122.8
131 98.2 81.2 121.8



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: 9.737 ppbv

RT: 9.80 min Scan# 2182

Delta R.T. 0.02 min

Lab File: VL037128.D

Acq: 8 Jun 2021 11:41

Instrument :

MSVOA_L

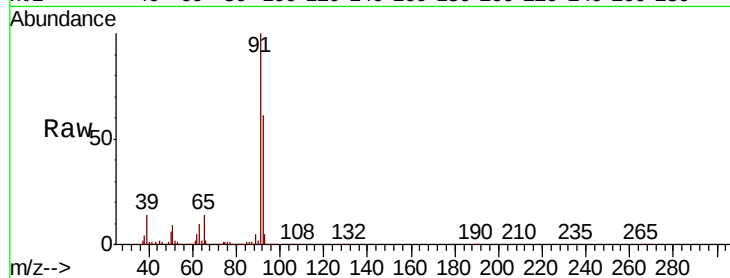
ClientSampleId :

Tot Ion: 91 Resp: 4325166

Ion Ratio Lower Upper

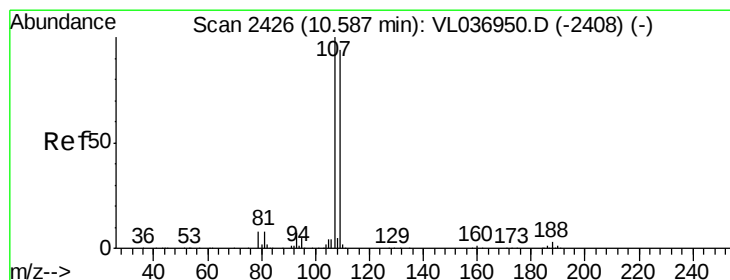
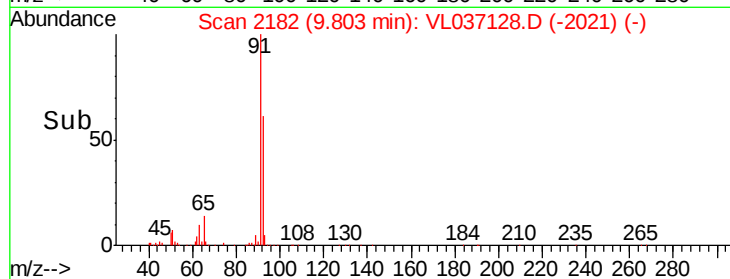
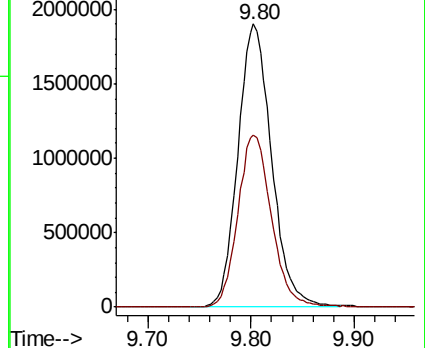
91 100

92 60.9 49.5 74.3



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0



#54

1,2-Dibromoethane

Concen: 10.894 ppbv

RT: 10.61 min Scan# 2432

Delta R.T. 0.02 min

Lab File: VL037128.D

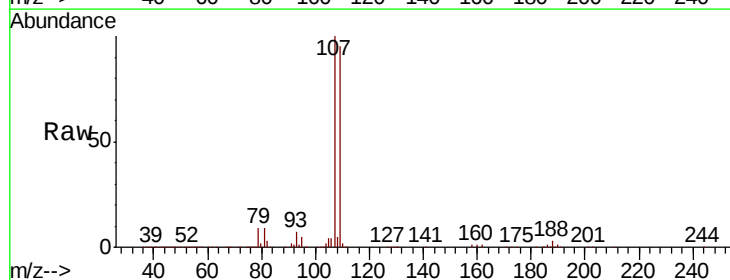
Acq: 8 Jun 2021 11:41

Tgt Ion: 107 Resp: 2331070

Ion Ratio Lower Upper

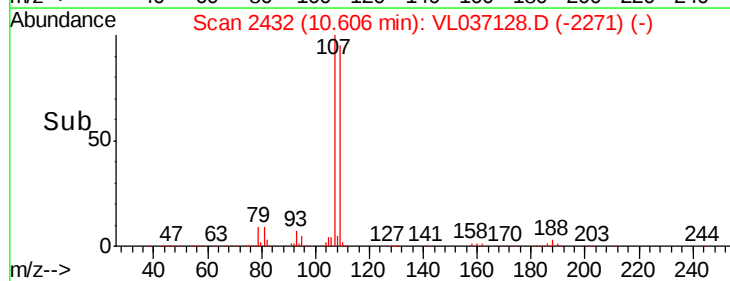
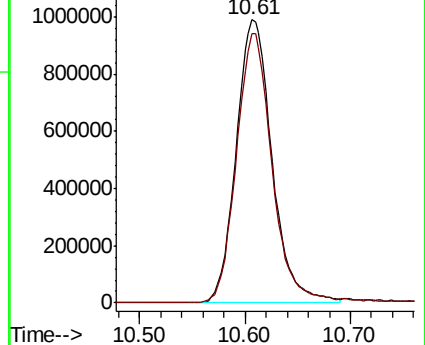
107 100

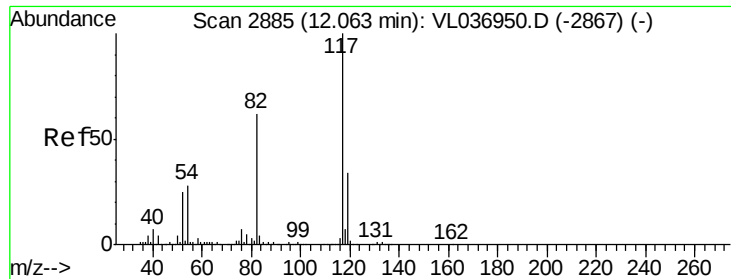
109 94.9 75.0 112.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

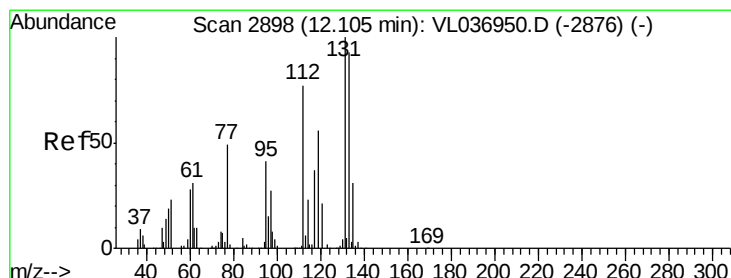
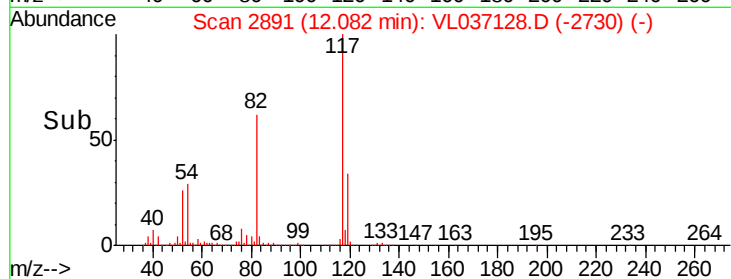
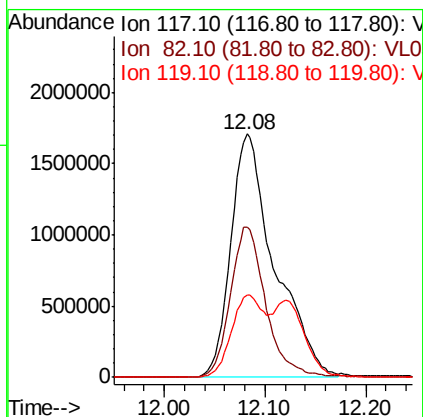
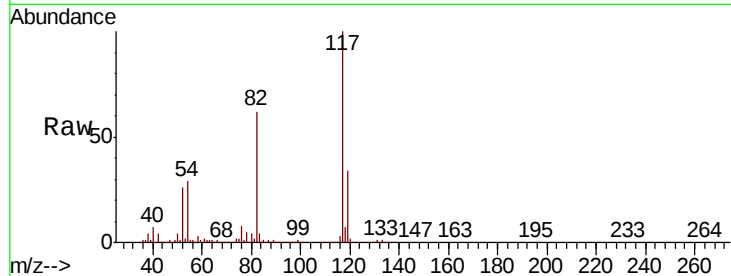




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2891
Delta R.T. 0.02 min
Lab File: VL037128.D
Acq: 8 Jun 2021 11:41

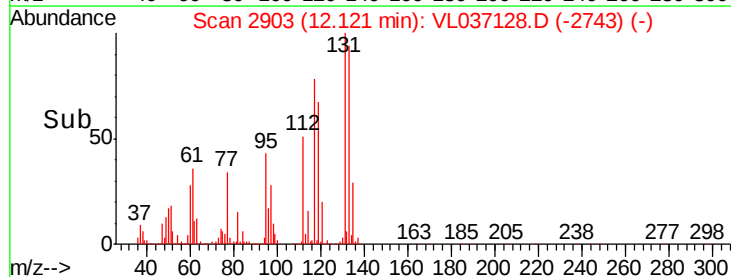
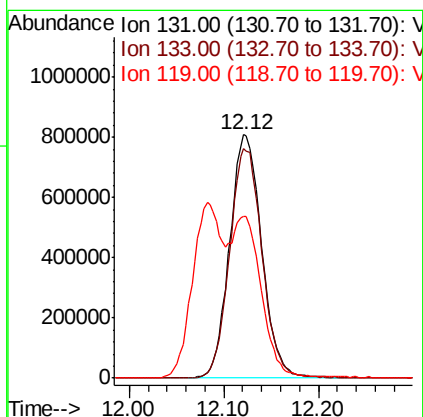
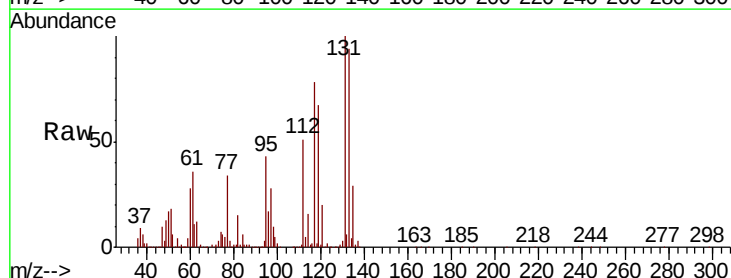
Instrument :
MSVOA_L
ClientSampled :

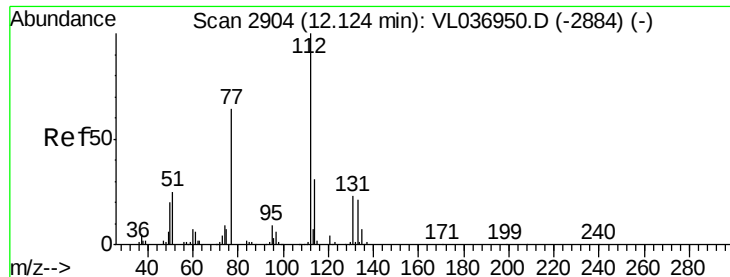
Tot Ion:117 Resp: 5168408
Ion Ratio Lower Upper
117 100
82 50.2 52.6 79.0#
119 24.5 46.6 70.0#



#56
1,1,1,2-Tetrachloroethane
Concen: 8.738 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. 0.02 min
Lab File: VL037128.D
Acq: 8 Jun 2021 11:41

Tgt Ion:131 Resp: 1900294
Ion Ratio Lower Upper
131 100
133 95.6 76.9 115.3
119 60.1 120.2 180.4#





#57

Chlorobenzene

Concen: 8.325 ppbv

RT: 12.14 min Scan# 2910

Delta R.T. 0.02 min

Lab File: VL037128.D

Acq: 8 Jun 2021 11:41

Instrument :

MSVOA_L

ClientSampleId :

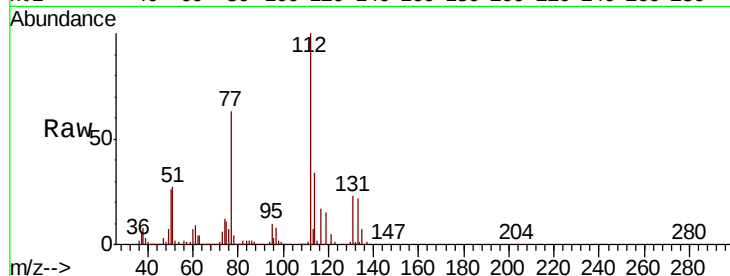
Tot Ion:112 Resp: 3336008

Ion Ratio Lower Upper

112 100

77 62.5 51.0 76.6

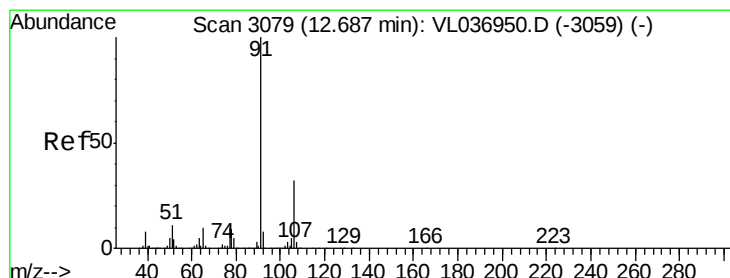
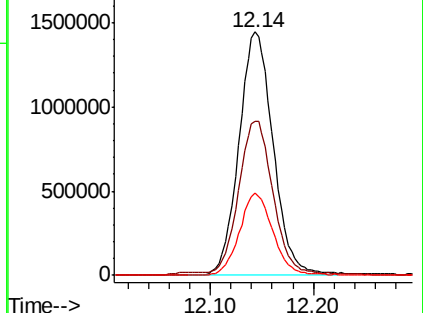
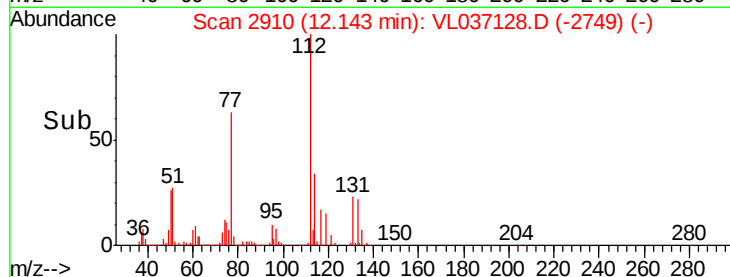
114 33.8 28.3 34.5



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 7.941 ppbv

RT: 12.71 min Scan# 3085

Delta R.T. 0.02 min

Lab File: VL037128.D

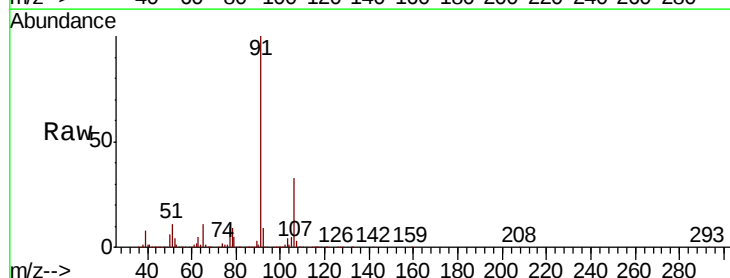
Acq: 8 Jun 2021 11:41

Tgt Ion: 91 Resp: 5792610

Ion Ratio Lower Upper

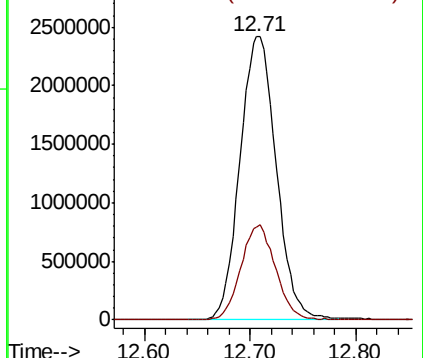
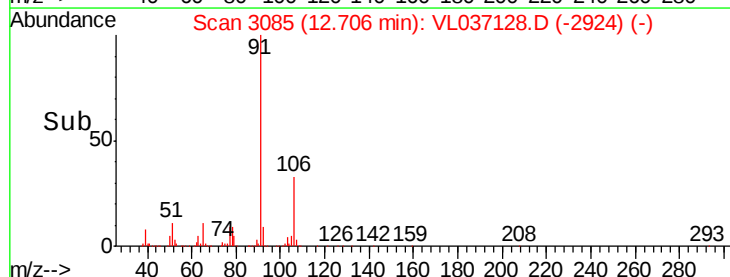
91 100

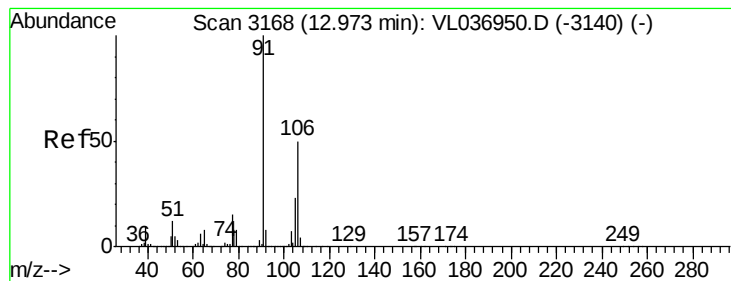
106 32.5 25.6 38.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#59

m/p-Xylene

Concen: 9.062 ppbv

RT: 12.99 min Scan# 3173

Delta R.T. 0.02 min

Lab File: VL037128.D

Acq: 8 Jun 2021 11:41

Instrument :

MSVOA_L

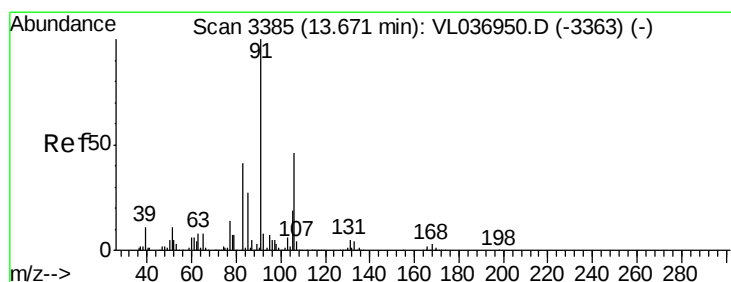
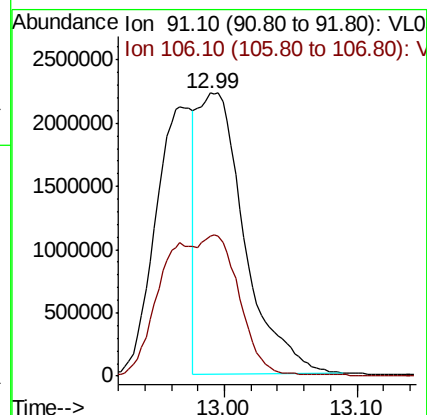
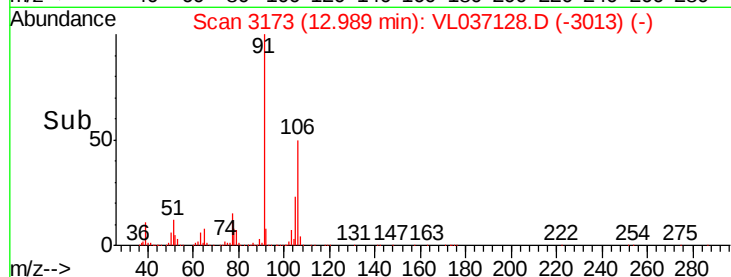
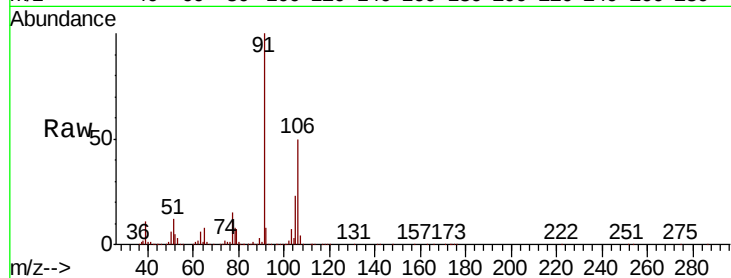
ClientSampleId :

Tot Ion: 91 Resp: 5464176

Ion Ratio Lower Upper

91 100

106 81.8 37.4 56.2#



#60

o-Xylene

Concen: 8.081 ppbv

RT: 13.69 min Scan# 3391

Delta R.T. 0.02 min

Lab File: VL037128.D

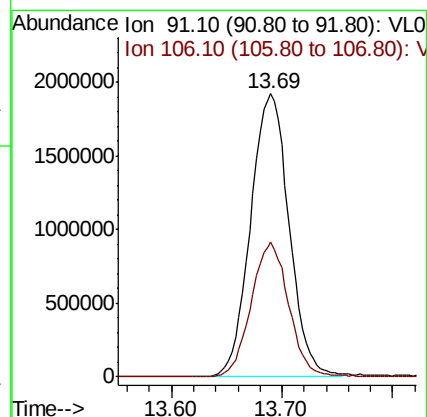
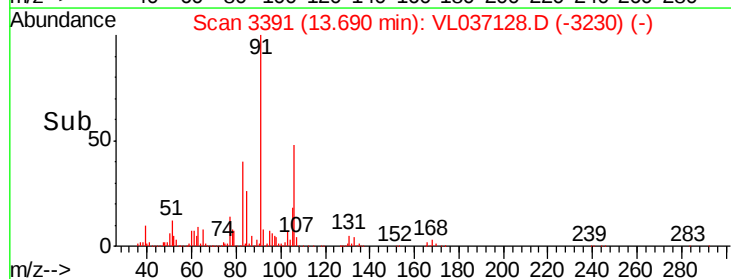
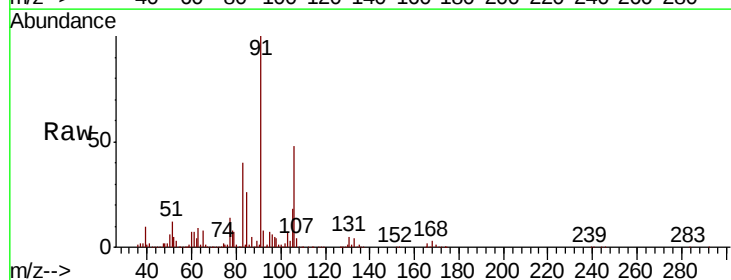
Acq: 8 Jun 2021 11:41

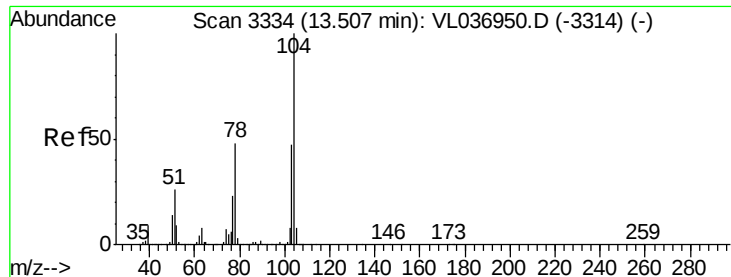
Tgt Ion: 91 Resp: 4647037

Ion Ratio Lower Upper

91 100

106 46.5 23.4 70.3





#61

Stvrene

Concen: 8.399 ppbv

RT: 13.52 min Scan# 3339

Delta R.T. 0.02 min

Lab File: VL037128.D

Acq: 8 Jun 2021 11:41

Instrument :

MSVOA_L

ClientSampleId :

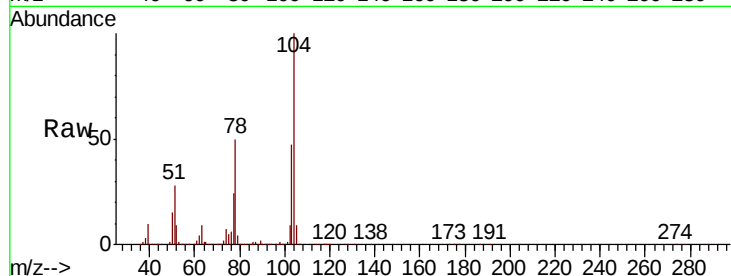
Tot Ion:104 Resp: 2721290

Ion Ratio Lower Upper

104 100

78 50.8 39.0 58.6

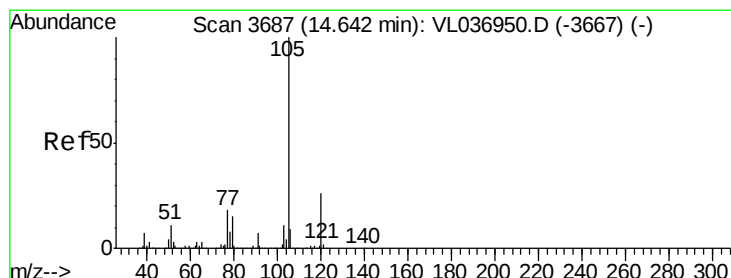
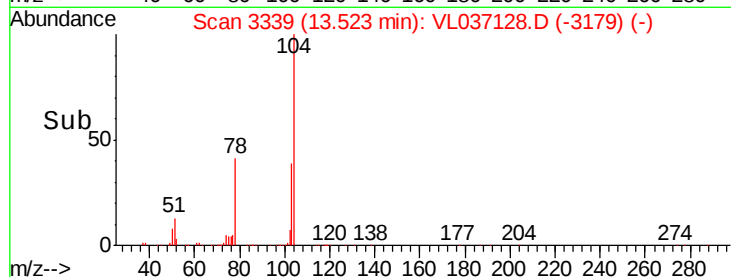
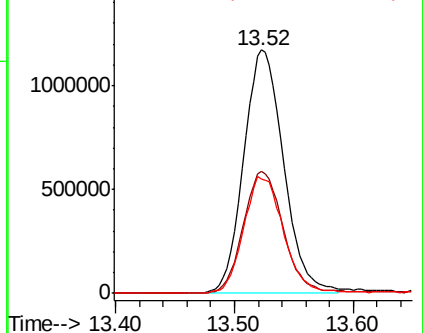
103 48.4 38.0 57.0



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: 7.952 ppbv

RT: 14.66 min Scan# 3694

Delta R.T. 0.02 min

Lab File: VL037128.D

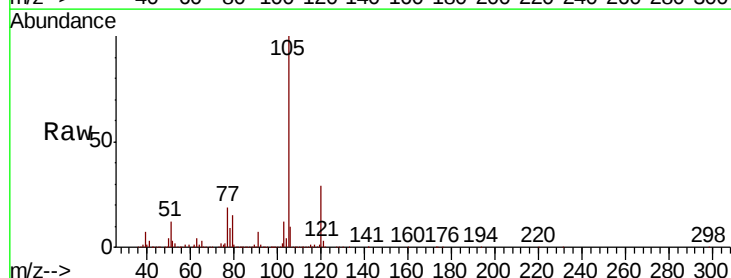
Acq: 8 Jun 2021 11:41

Tgt Ion:105 Resp: 6572111

Ion Ratio Lower Upper

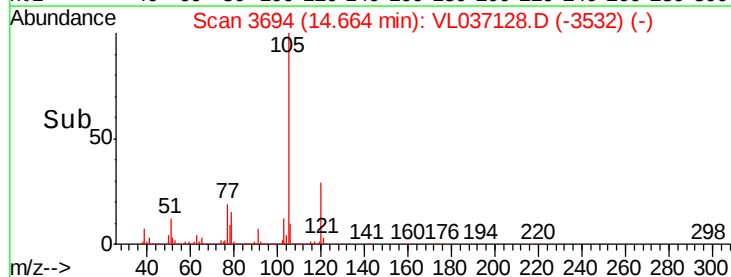
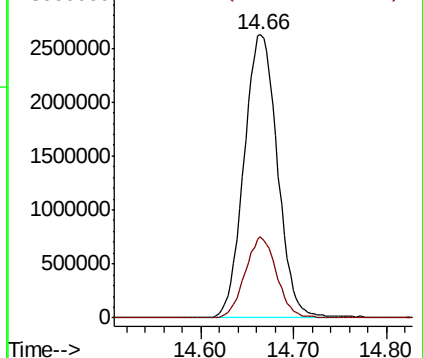
105 100

120 27.1 21.7 32.5



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: 7.301 ppbv

RT: 13.67 min Scan# 3386

Delta R.T. 0.02 min

Lab File: VL037128.D

Acq: 8 Jun 2021 11:41

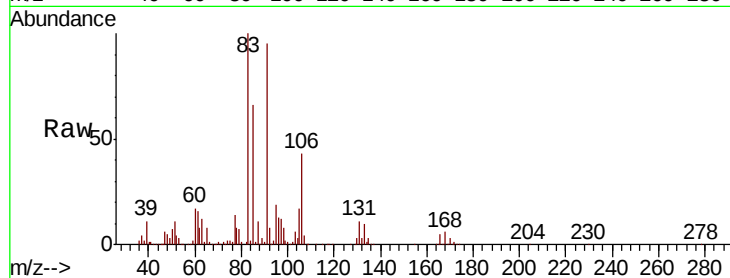
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 83 Resp: 3135740

Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.0	15.0
85	67.2	32.9	98.6

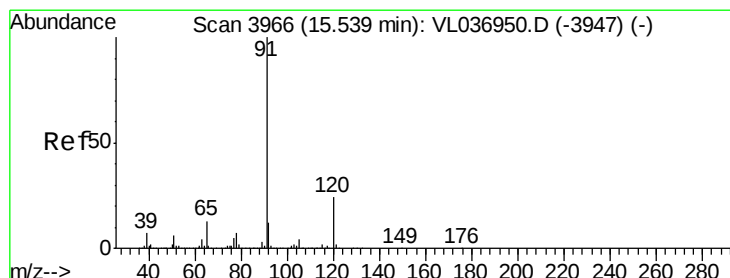
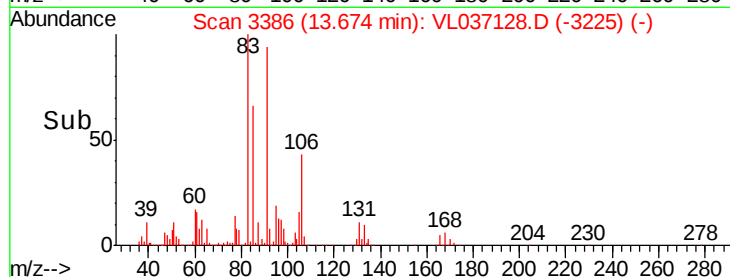
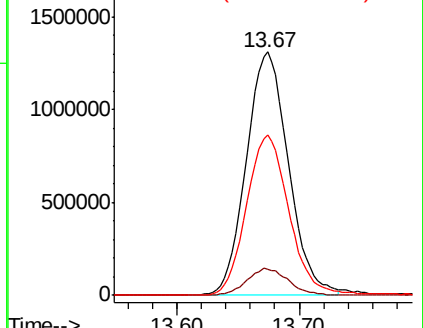


Abundance

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: 8.358 ppbv

RT: 15.56 min Scan# 3972

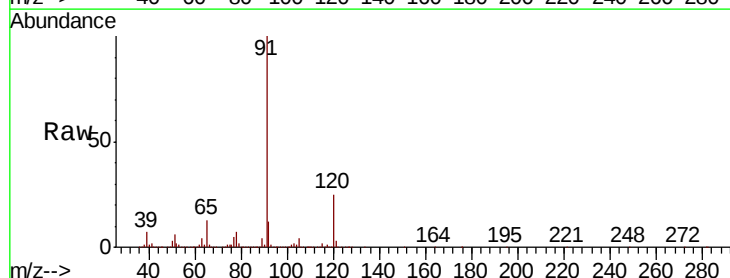
Delta R.T. 0.02 min

Lab File: VL037128.D

Acq: 8 Jun 2021 11:41

Tgt Ion:120 Resp: 1782158

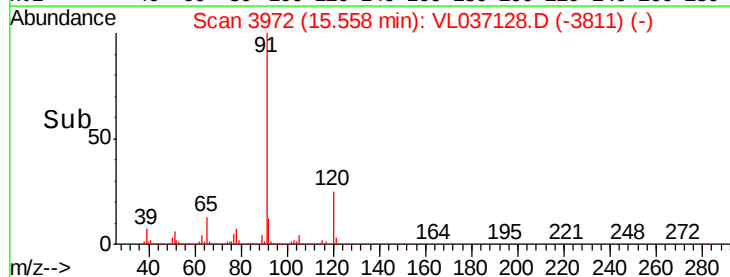
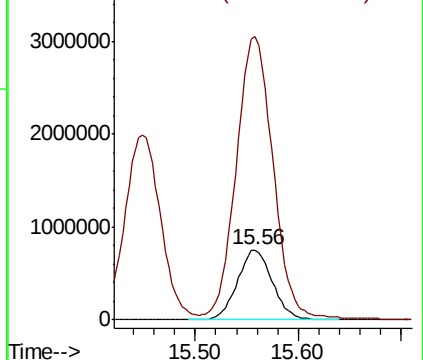
Ion	Ratio	Lower	Upper
120	100		
91	428.2	343.8	515.6

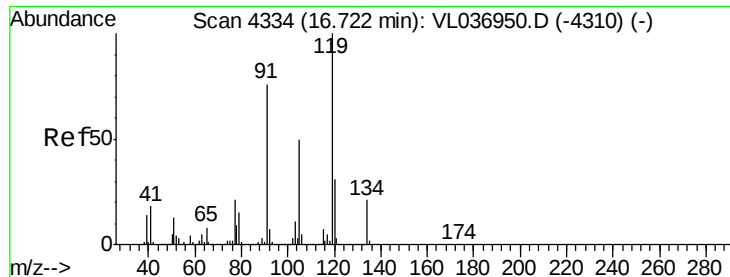


Abundance

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0





#65

tert-Butylbenzene

Concen: 8.011 ppbv

RT: 16.74 min Scan# 4340

Delta R.T. 0.02 min

Lab File: VL037128.D

Acq: 8 Jun 2021 11:41

Instrument :

MSVOA_L

ClientSampled :

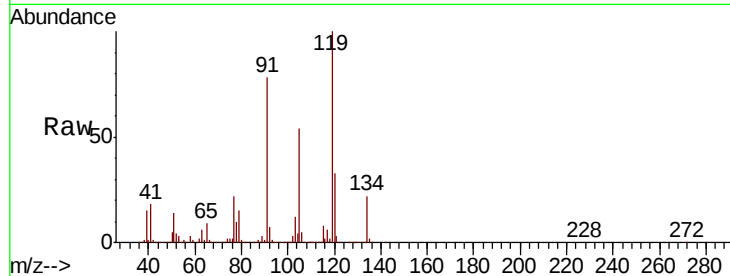
Tot Ion:119 Resp: 5974170

Ion Ratio Lower Upper

119 100

91 78.4 61.9 92.9

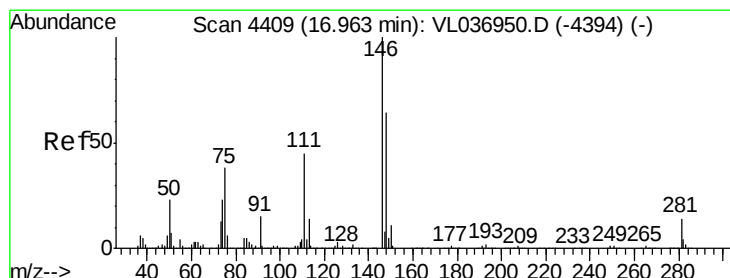
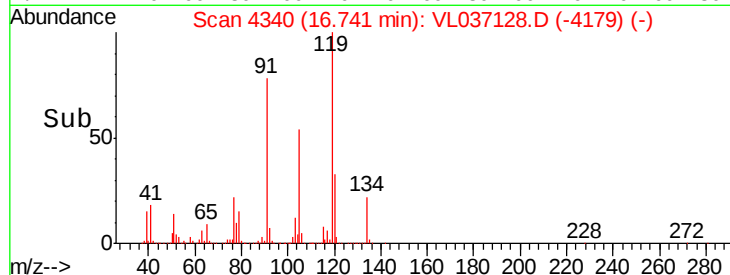
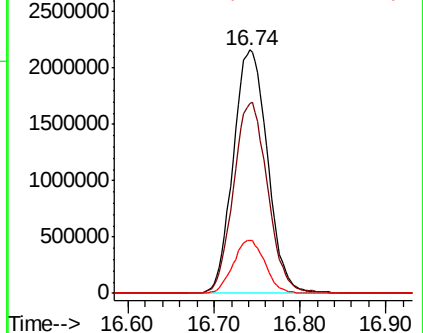
134 20.4 16.2 24.4



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: 7.126 ppbv

RT: 16.98 min Scan# 4415

Delta R.T. 0.02 min

Lab File: VL037128.D

Acq: 8 Jun 2021 11:41

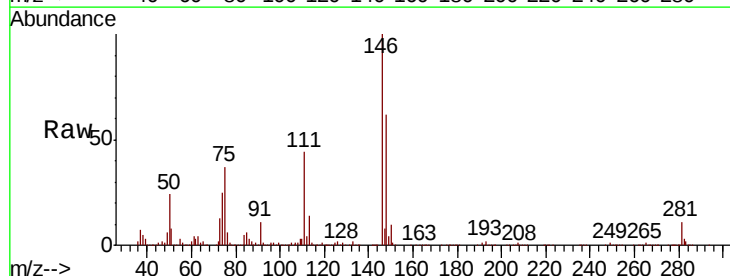
Tgt Ion: 91 Resp: 294887

Ion Ratio Lower Upper

91 100

126 19.0 16.5 24.7

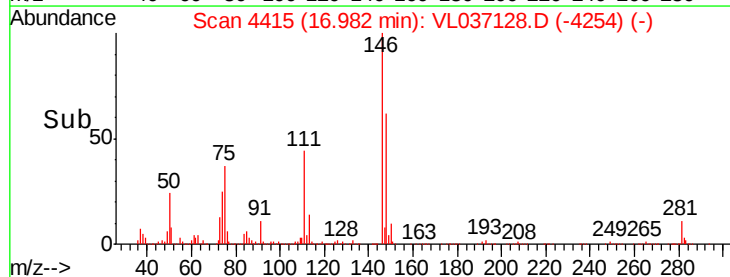
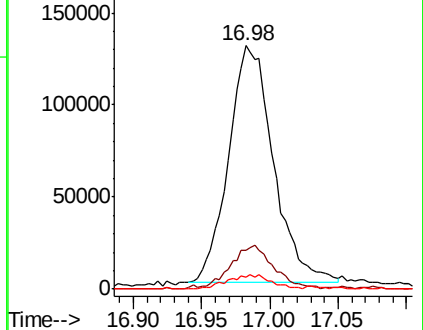
128 6.6 5.5 8.3

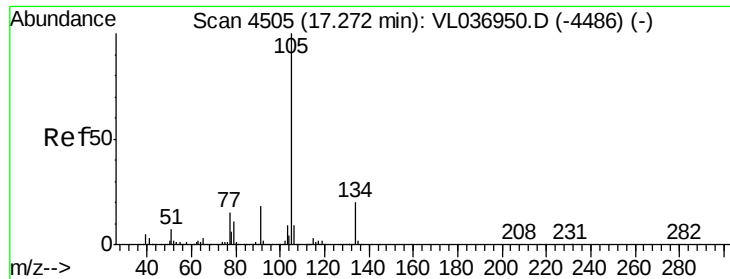


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 7.822 ppbv

RT: 17.29 min Scan# 4511

Delta R.T. 0.02 min

Lab File: VL037128.D

Acq: 8 Jun 2021 11:41

Instrument :

MSVOA_L

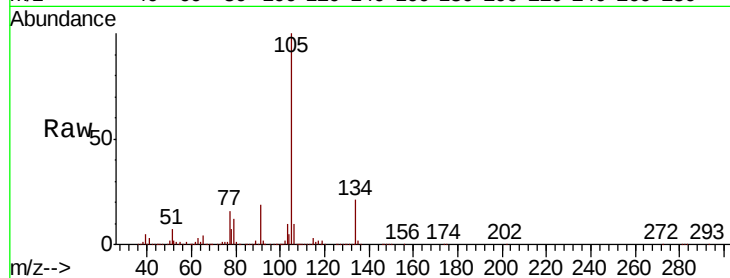
ClientSampleId :

Tot Ion:105 Resp: 7958428

Ion Ratio Lower Upper

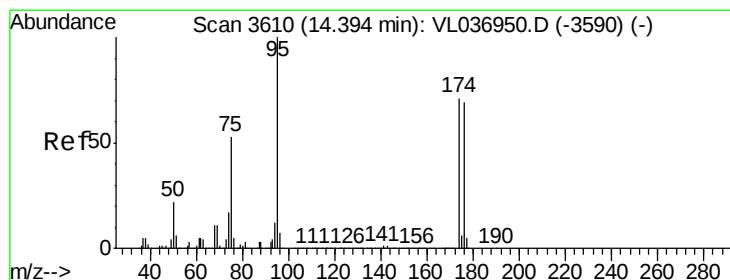
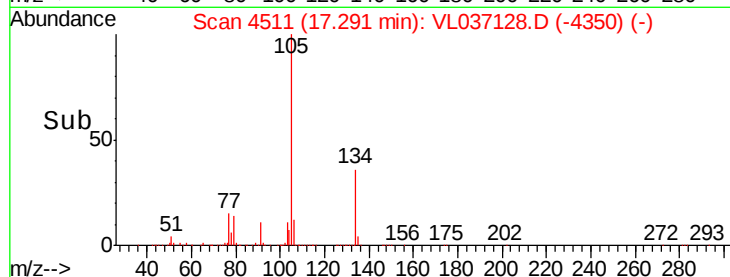
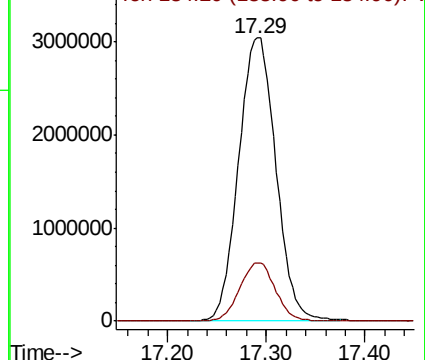
105 100

134 19.8 15.6 23.4



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: 8.210 ppbv

RT: 14.41 min Scan# 3616

Delta R.T. 0.02 min

Lab File: VL037128.D

Acq: 8 Jun 2021 11:41

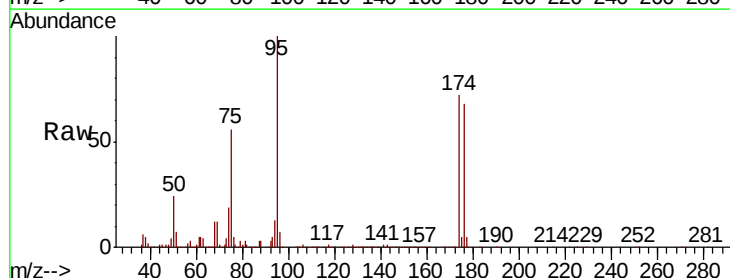
Tgt Ion: 95 Resp: 3187803

Ion Ratio Lower Upper

95 100

174 71.8 58.4 87.6

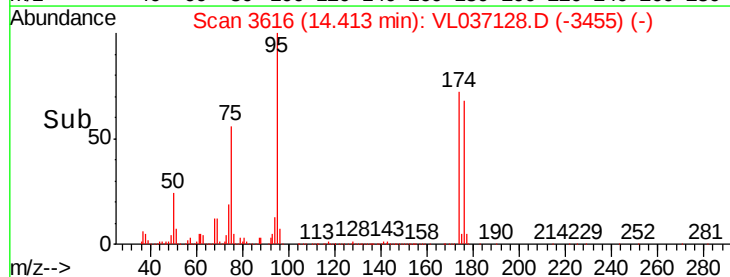
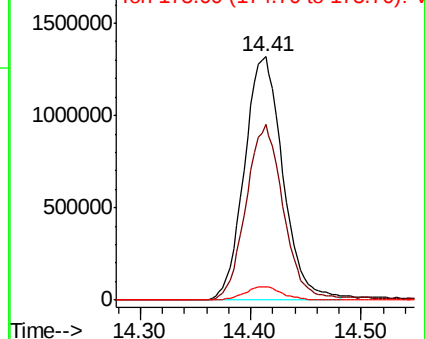
175 5.4 4.4 6.6

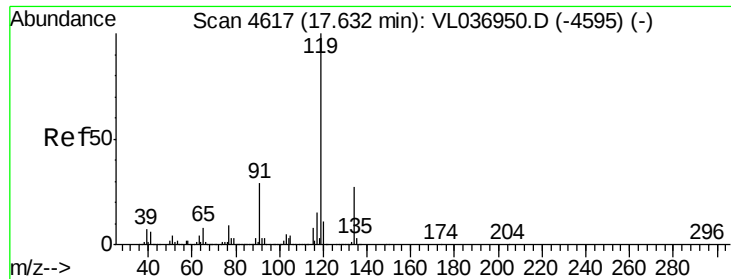


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V



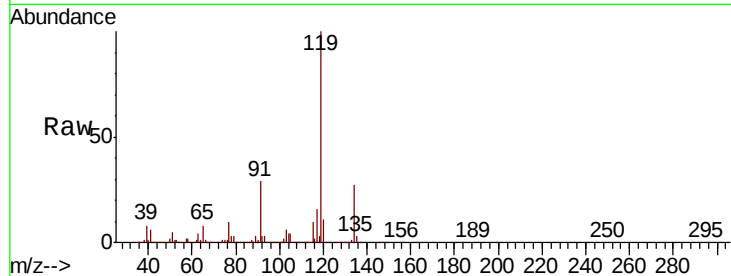


#69
 p-Isopropyltoluene
 Concen: 7.865 ppbv
 RT: 17.65 min Scan# 4623
 Delta R.T. 0.02 min
 Lab File: VL037128.D
 Acq: 8 Jun 2021 11:41

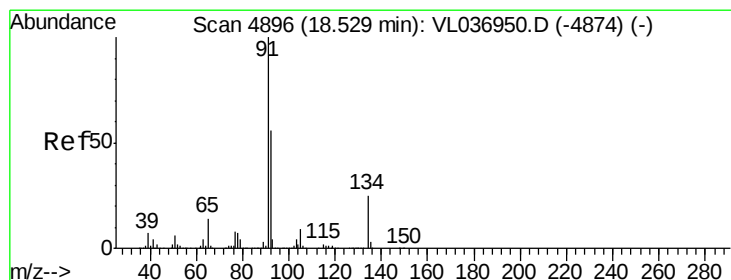
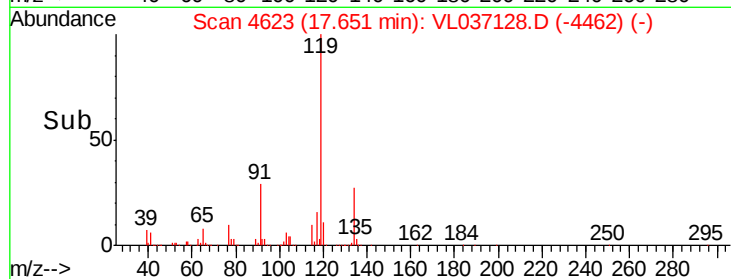
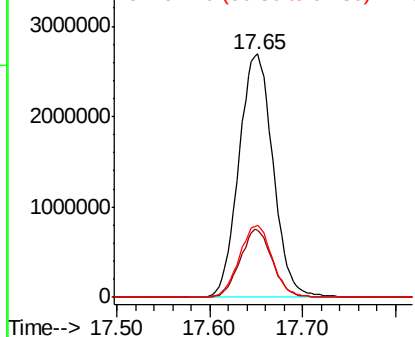
Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:119 Resp: 6880288

Ion	Ratio	Lower	Upper
119	100		
134	26.5	21.2	31.8
91	28.5	22.2	33.4



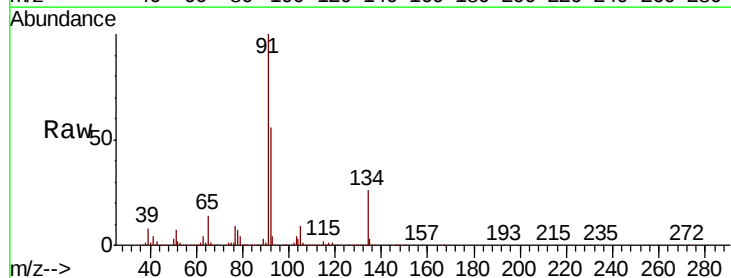
Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V



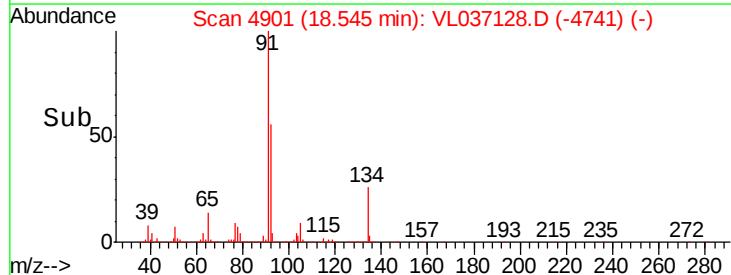
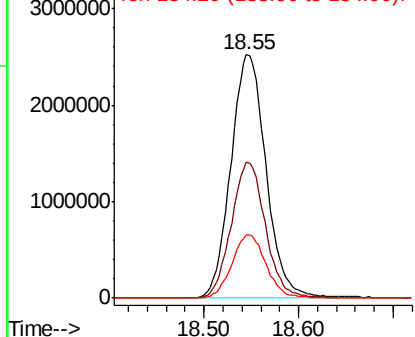
#70
 n-Butylbenzene
 Concen: 7.827 ppbv
 RT: 18.55 min Scan# 4901
 Delta R.T. 0.02 min
 Lab File: VL037128.D
 Acq: 8 Jun 2021 11:41

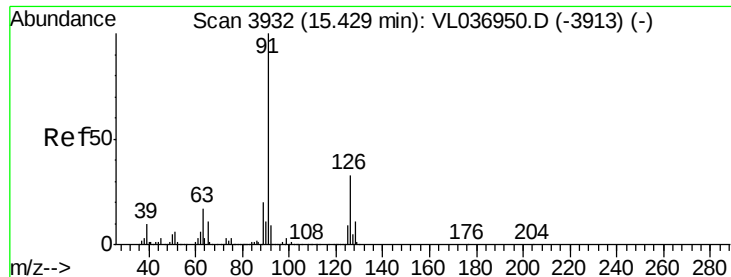
Tgt Ion: 91 Resp: 6504049

Ion	Ratio	Lower	Upper
91	100		
92	54.7	44.6	66.8
134	25.4	20.2	30.2



Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0
 Ion 134.20 (133.90 to 134.90): V

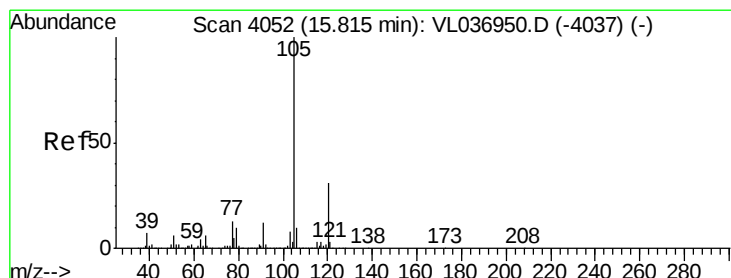
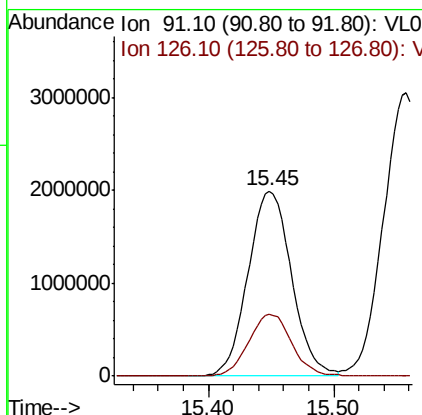
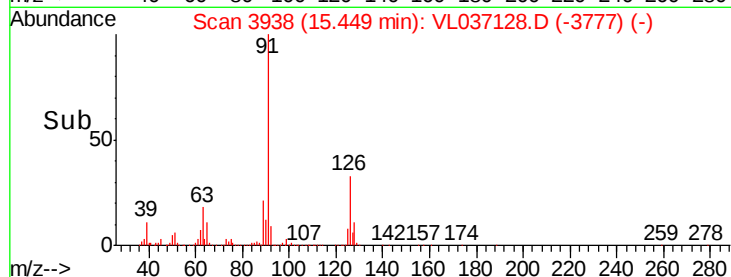
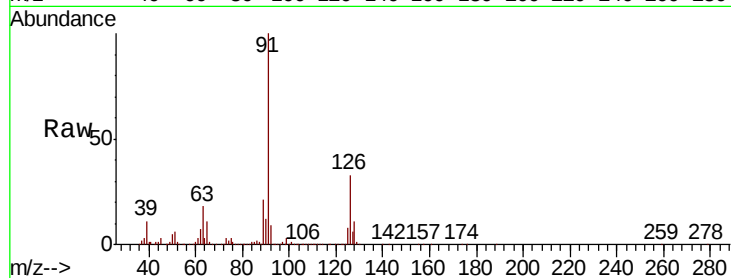




#71
 2-Chlorotoluene
 Concen: 8.066 ppbv
 RT: 15.45 min Scan# 3938
 Delta R.T. 0.02 min
 Lab File: VL037128.D
 Acq: 8 Jun 2021 11:41

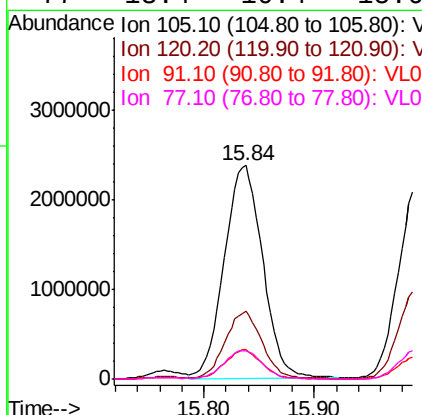
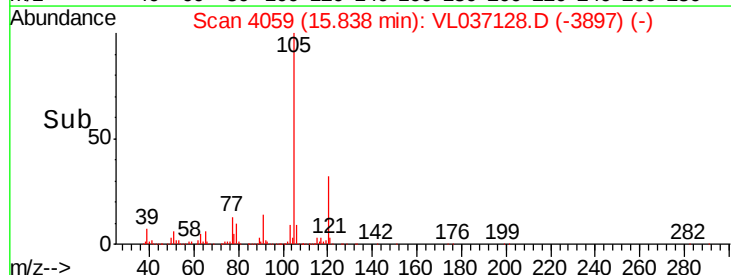
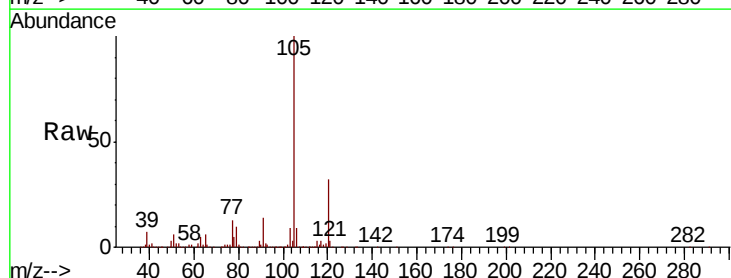
Instrument :
 MSVOA_L
 ClientSampleId :

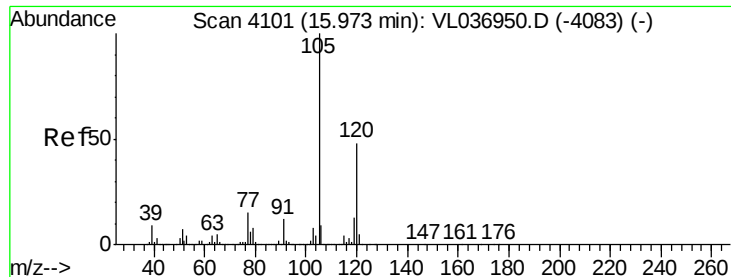
Tot Ion: 91 Resp: 4814964
 Ion Ratio Lower Upper
 91 100
 126 33.8 13.1 52.5



#72
 4-Ethyltoluene
 Concen: 8.359 ppbv
 RT: 15.84 min Scan# 4059
 Delta R.T. 0.02 min
 Lab File: VL037128.D
 Acq: 8 Jun 2021 11:41

Tgt Ion: 105 Resp: 5705290
 Ion Ratio Lower Upper
 105 100
 120 30.8 24.6 37.0
 91 13.1 9.8 14.6
 77 13.4 10.4 15.6

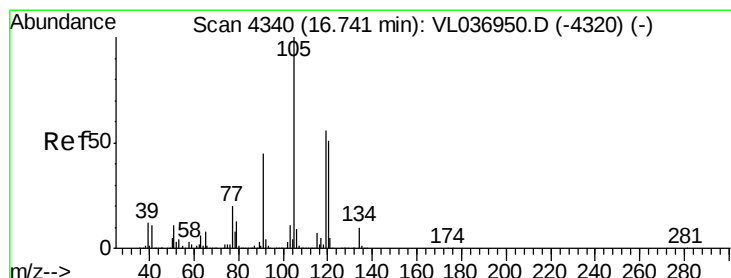
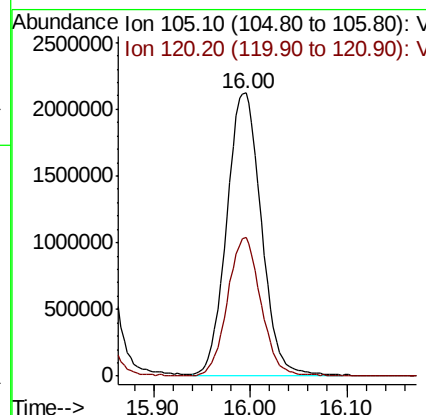
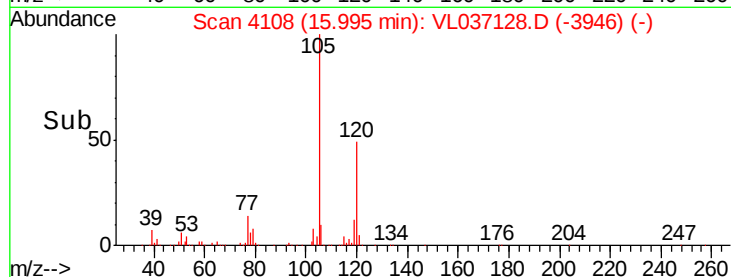
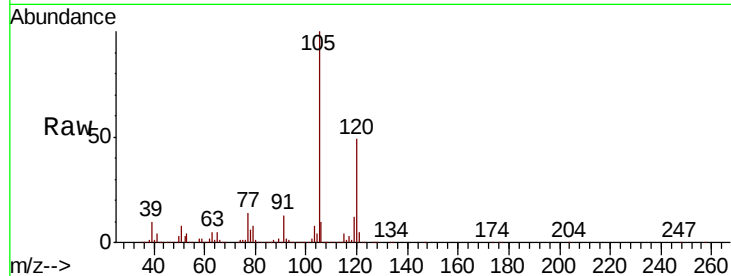




#73
 1,3,5-Trimethylbenzene
 Concen: 8.154 ppbv
 RT: 16.00 min Scan# 4108
 Delta R.T. 0.02 min
 Lab File: VL037128.D
 Acq: 8 Jun 2021 11:41

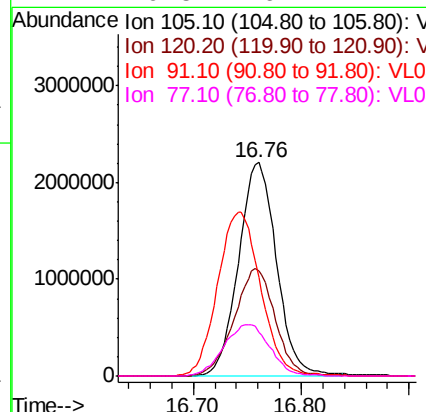
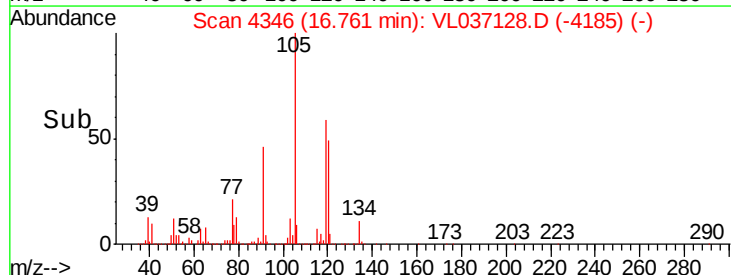
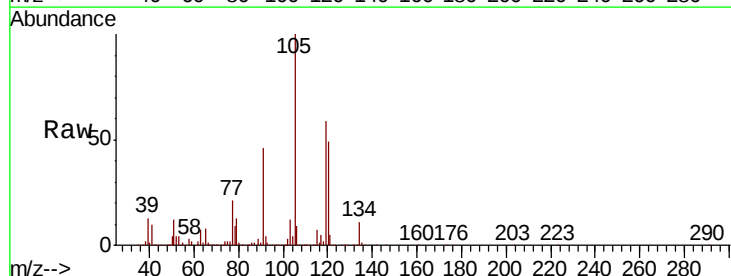
Instrument :
 MSVOA_L
 ClientSampleId :

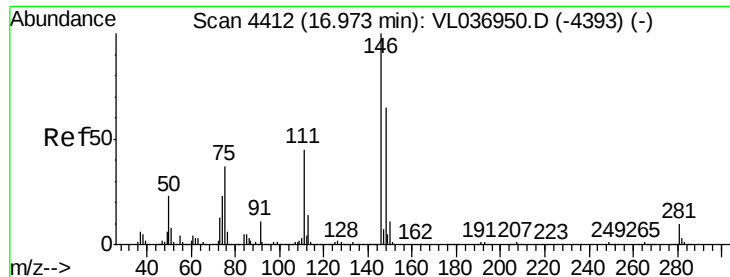
Tot Ion:105 Resp: 5226321
 Ion Ratio Lower Upper
 105 100
 120 48.9 38.6 58.0



#74
 1,2,4-Trimethylbenzene
 Concen: 8.117 ppbv
 RT: 16.76 min Scan# 4346
 Delta R.T. 0.02 min
 Lab File: VL037128.D
 Acq: 8 Jun 2021 11:41

Tgt Ion:105 Resp: 5379226
 Ion Ratio Lower Upper
 105 100
 120 48.8 40.6 61.0
 91 45.7 37.4 56.0
 77 20.5 16.2 24.4





#75

1,3-Dichlorobenzene

Concen: 8.283 ppbv

RT: 16.99 min Scan# 4418

Delta R.T. 0.02 min

Lab File: VL037128.D

Acq: 8 Jun 2021 11:41

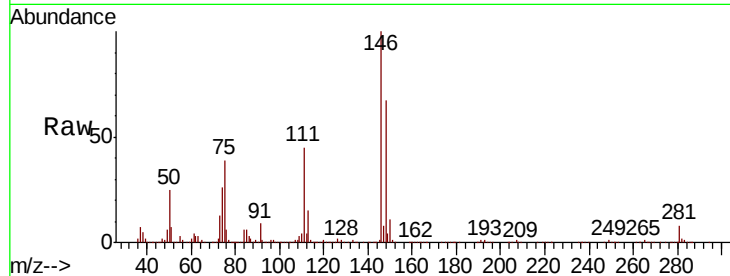
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:146 Resp: 3352065

Ion	Ratio	Lower	Upper
146	100		
111	45.1	22.2	66.6
148	64.7	32.3	96.8

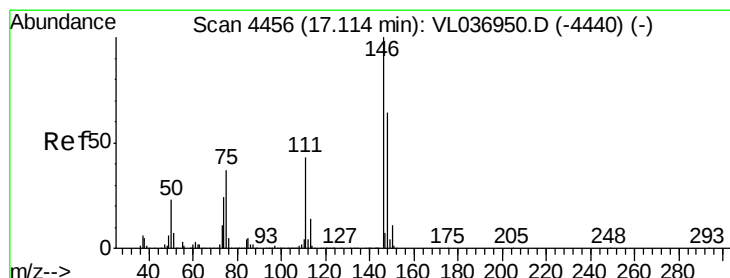
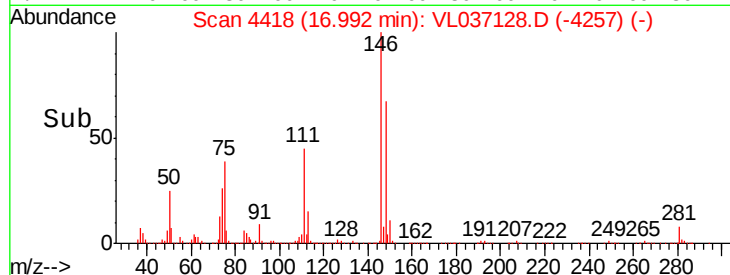
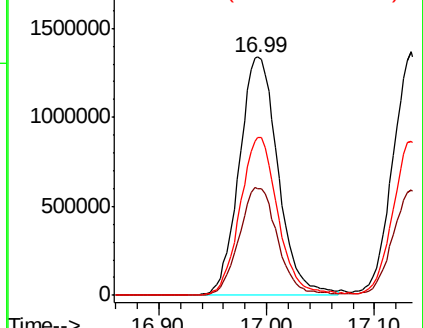


Abundance

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: 7.794 ppbv

RT: 17.13 min Scan# 4462

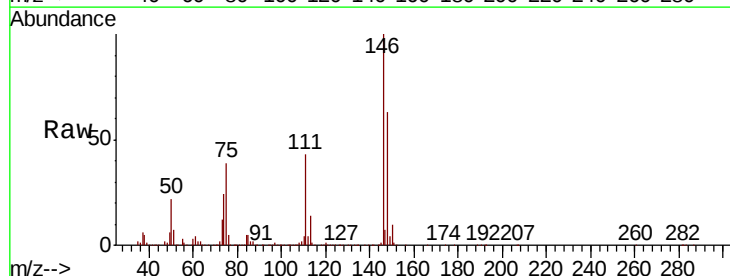
Delta R.T. 0.02 min

Lab File: VL037128.D

Acq: 8 Jun 2021 11:41

Tgt Ion:146 Resp: 3189020

Ion	Ratio	Lower	Upper
146	100		
111	45.1	22.6	67.7
148	67.7	33.5	100.5

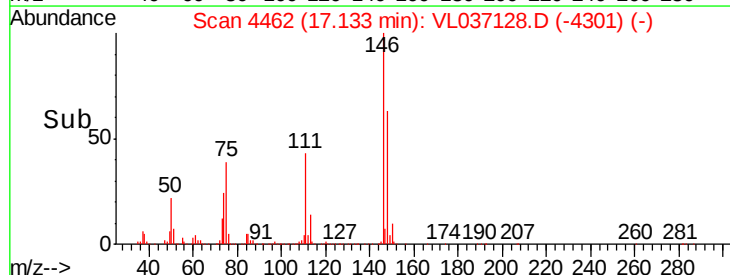
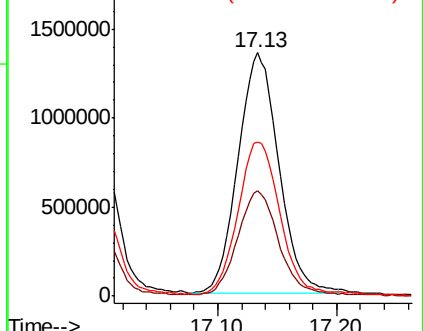


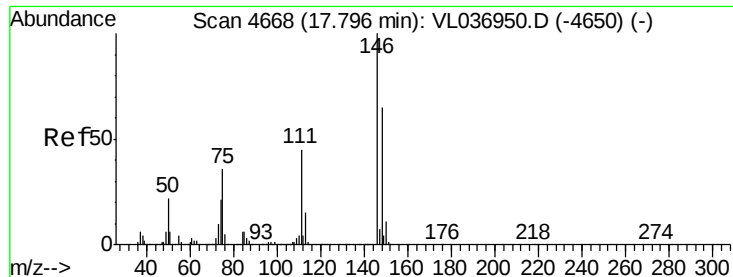
Abundance

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

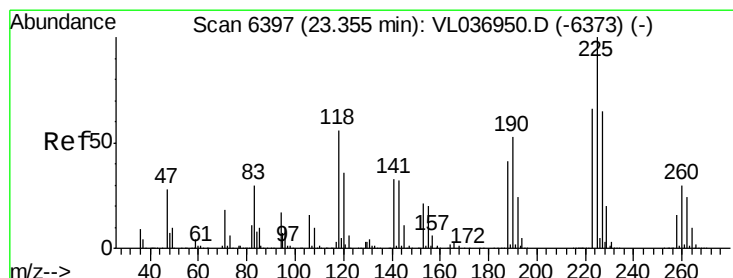
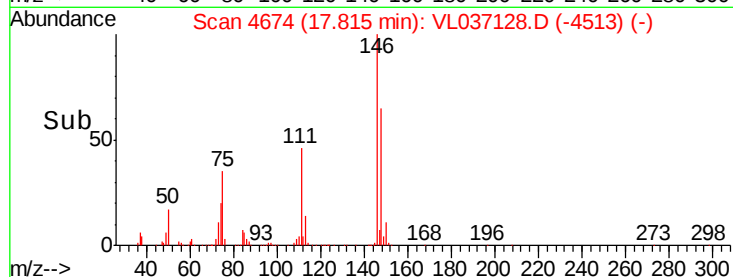
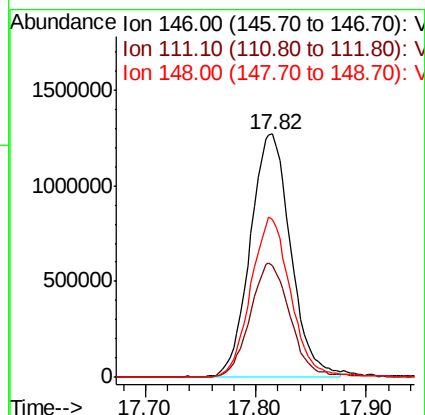
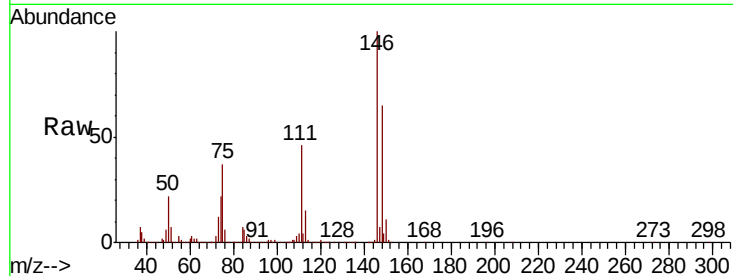




#77
 1,2-Dichlorobenzene
 Concen: 7.924 ppbv
 RT: 17.82 min Scan# 4674
 Delta R.T. 0.02 min
 Lab File: VL037128.D
 Acq: 8 Jun 2021 11:41

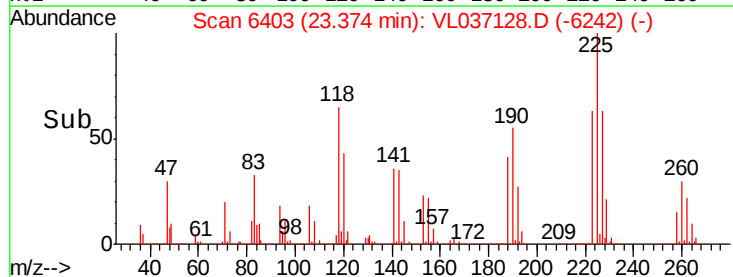
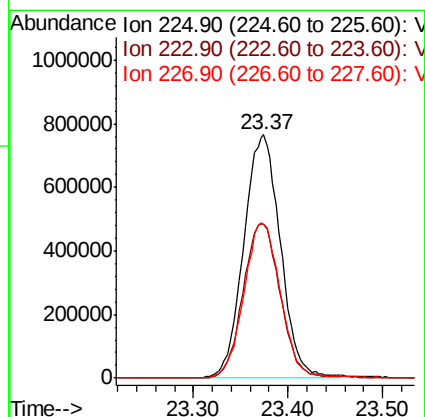
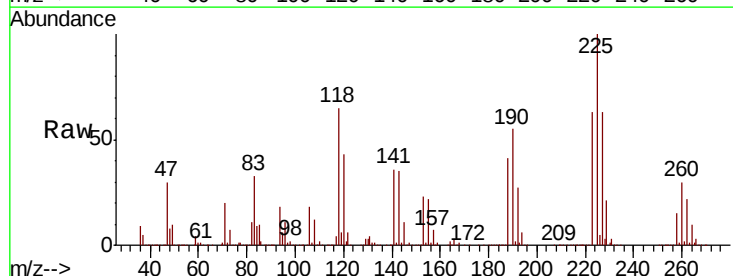
Instrument :
 MSVOA_L
 ClientSampleId :

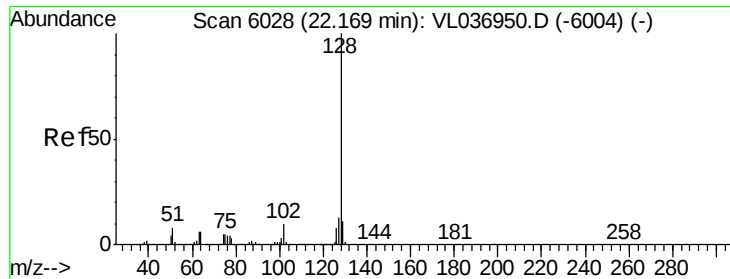
Tot Ion:146 Resp: 3213201
 Ion Ratio Lower Upper
 146 100
 111 47.1 23.1 69.2
 148 65.0 32.5 97.4



#78
 Hexachloro-1,3-Butadiene
 Concen: 6.305 ppbv
 RT: 23.37 min Scan# 6403
 Delta R.T. 0.02 min
 Lab File: VL037128.D
 Acq: 8 Jun 2021 11:41

Tgt Ion:225 Resp: 2055891
 Ion Ratio Lower Upper
 225 100
 223 64.5 51.9 77.9
 227 64.3 51.8 77.6





#79

Naphthalene

Concen: 7.694 ppbv

RT: 22.19 min Scan# 6035

Delta R.T. 0.02 min

Lab File: VL037128.D

Acq: 8 Jun 2021 11:41

Instrument :

MSVOA_L

ClientSampleId :

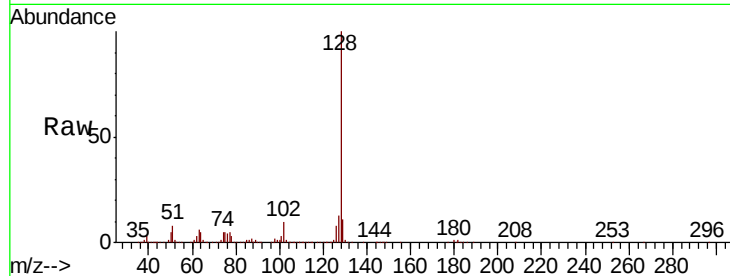
Tot Ion:128 Resp: 4000609

Ion Ratio Lower Upper

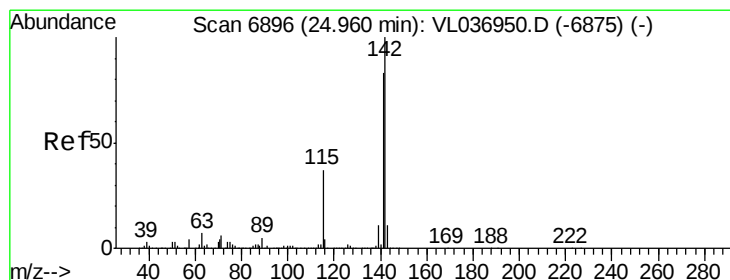
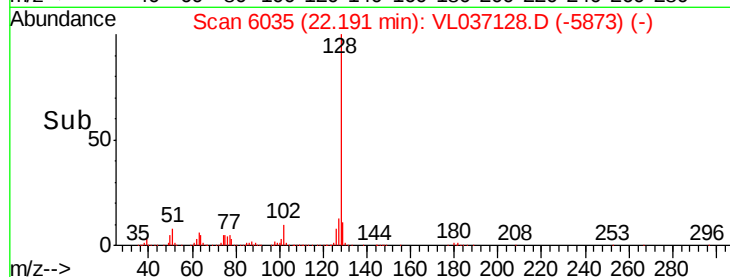
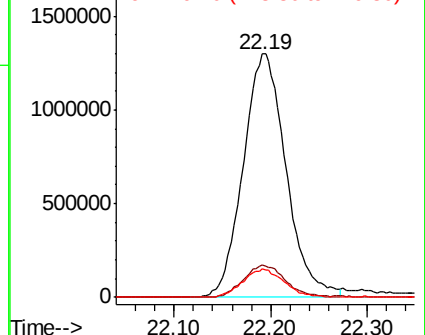
128 100

127 13.1 10.4 15.6

129 11.5 9.0 13.6



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: 8.253 ppbv

RT: 24.97 min Scan# 6900

Delta R.T. 0.01 min

Lab File: VL037128.D

Acq: 8 Jun 2021 11:41

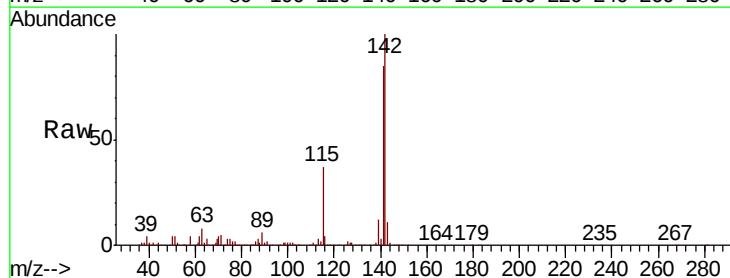
Tgt Ion:142 Resp: 933208

Ion Ratio Lower Upper

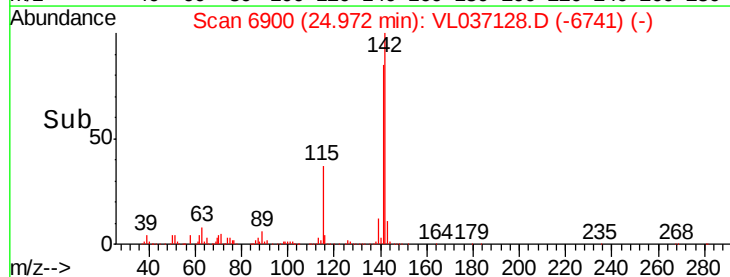
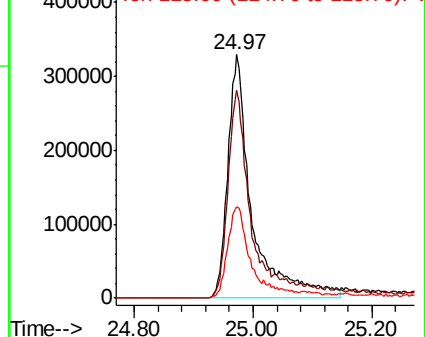
142 100

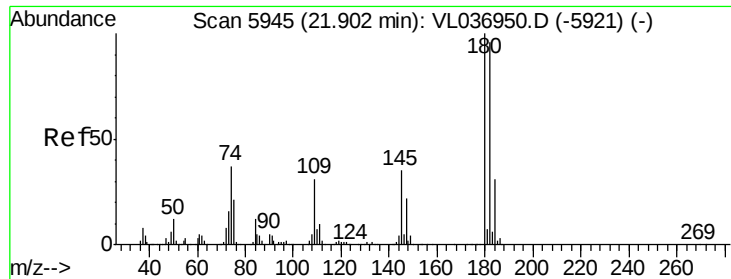
141 86.1 69.3 103.9

115 39.4 29.1 43.7



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

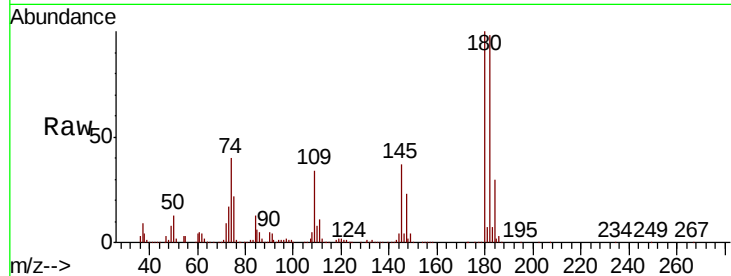




#81
 1,2,4-Trichlorobenzene
 Concen: 7.197 ppbv
 RT: 21.92 min Scan# 5952
 Delta R.T. 0.02 min
 Lab File: VL037128.D
 Acq: 8 Jun 2021 11:41

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:180 Resp: 2281448
 Ion Ratio Lower Upper
 180 100
 182 102.2 81.7 122.5
 184 32.0 24.9 37.3



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

