

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070221\
 Data File : VL037277.D
 Acq On : 2 Jul 2021 16:29
 Operator : SY/AP
 Sample : QC070121 CAN 10280
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Jul 03 07:17:54 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed 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	5.68	49	1318245	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	3860058	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.11	117	4496608	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2852886	8.37	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	83.70%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.06	85	1767736	7.711	ppbv	100
3) Chlorodifluoromethane	3.00	51	2289651	8.932	ppbv	98
4) Chloromethane	3.15	50	775381	9.077	ppbv	98
5) Vinyl Chloride	3.27	62	829957	8.840	ppbv	97
6) Bromomethane	3.48	94	471808	8.423	ppbv	96
7) Chloroethane	3.57	64	310438	9.250	ppbv	99
8) Dichlorotetrafluoroethane	3.20	85	2121866	9.022	ppbv	98
9) Propene	3.02	41	709662	8.659	ppbv	99
10) Heptane	8.14	43	1877492	9.459	ppbv	99
11) Trichlorofluoromethane	3.96	101	2371489	9.694	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.50	101	1698406	9.849	ppbv	100
13) Ethanol	3.62	45	10150	0.801	ppbv #	1
14) Bromoethene	3.75	108	678930	9.433	ppbv	99
15) Acetone	3.86	43	1188567	7.995	ppbv	96
16) 1,3-Butadiene	3.34	39	851302	9.687	ppbv	97
17) tert-Butyl alcohol	4.30	59	1395904	10.160	ppbv	99
18) 1,1-Dichloroethene	4.30	96	727859	9.525	ppbv	97
19) Isopropyl Alcohol	3.98	45	832492	9.246	ppbv	100
20) Methylene Chloride	4.36	84	639806	7.189	ppbv	98
21) Allyl Chloride	4.43	41	1058511	9.447	ppbv	98
22) trans-1,2-Dichloroethene	4.90	96	764785	10.114	ppbv	99
23) Vinyl Acetate	5.09	43	1823327	8.554	ppbv	98
24) 1,1-Dichloroethane	5.03	63	1561160	9.097	ppbv	100
25) Ethyl Acetate	5.69	43	2965468	9.215	ppbv	99
26) Hexane	5.70	57	1410417	8.671	ppbv	99
27) Carbon Disulfide	4.56	76	1743729	10.942	ppbv	99
28) Methyl tert-Butyl Ether	5.05	73	1584877	8.105	ppbv	99
29) Chloroform	5.77	83	2354184	9.370	ppbv	97
30) Cyclohexane	7.15	84	1229523	9.072	ppbv	99
31) cis-1,2-Dichloroethene	5.57	61	1409200	9.428	ppbv	98
32) 1,1,1-Trichloroethane	6.53	97	2437922	9.067	ppbv	99
34) 2-Butanone	5.26	43	1358479	9.049	ppbv	98
35) Carbon Tetrachloride	7.04	117	2662538	10.284	ppbv	98
36) Benzene	6.91	78	2897417	9.283	ppbv	99
37) 1,2-Dichloroethane	6.33	62	1768232	9.752	ppbv	99
38) Trichloroethene	7.86	130	1217125	8.203	ppbv	99
39) 1,2-Dichloropropane	7.64	63	1091986	9.415	ppbv	97
40) 1,4-Dioxane	7.86	88	249596	7.847	ppbv #	1
41) Tetrahydrofuran	6.07	42	654281	9.383	ppbv	97
42) Bromodichloromethane	7.82	83	2552147	10.202	ppbv	100
43) Methyl Methacrylate	8.03	69	1052823	9.767	ppbv	97

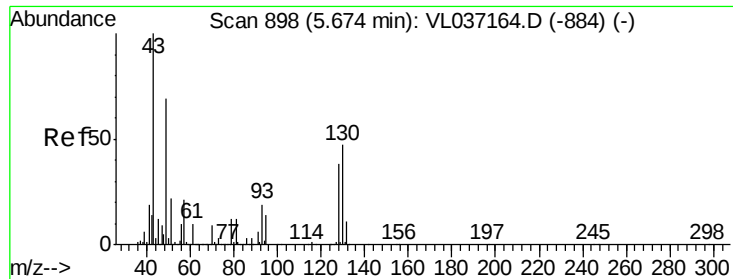
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.89	57	4850173	9.228	ppbv	98
45) t-1,3-Dichloropropene	9.30	75	764528	8.039	ppbv	100
46) cis-1,3-Dichloropropene	8.73	75	986502	7.582	ppbv	99
47) 1,1,2-Trichloroethane	9.50	97	1243054	9.394	ppbv	99
48) Dibromochloromethane	10.33	129	2263418	10.836	ppbv	99
49) Bromoform	13.07	173	1792613	11.519	ppbv	98
50) 4-Methyl-2-Pentanone	8.76	43	2123874	10.300	ppbv	99
51) 2-Hexanone	10.16	43	1074813	10.713	ppbv #	98
52) Tetrachloroethene	11.25	164	1181696	8.147	ppbv	95
53) Toluene	9.83	91	3469486	9.305	ppbv	99
54) 1,2-Dibromoethane	10.64	107	1854125	9.750	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.15	131	1544141	7.854	ppbv	100
57) Chlorobenzene	12.17	112	2672122	7.327	ppbv	98
58) Ethyl Benzene	12.73	91	4700100	7.593	ppbv	99
59) m/p-Xylene	13.02	91	4470205	8.521	ppbv #	49
60) o-Xylene	13.72	91	3825222	7.658	ppbv	99
61) Styrene	13.55	104	2102218	8.155	ppbv	98
62) Isopropylbenzene	14.69	105	5345441	7.526	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.70	83	2550530	7.669	ppbv	100
64) n-propylbenzene	15.58	120	1392741	7.830	ppbv	91
65) tert-Butylbenzene	16.77	119	4820091	7.651	ppbv	98
66) Benzyl Chloride	17.02	91	186561	6.988	ppbv	95
67) sec-Butylbenzene	17.32	105	6487438	7.723	ppbv	99
69) p-Isopropyltoluene	17.68	119	5604574	7.899	ppbv	99
70) n-Butylbenzene	18.57	91	5332888	8.121	ppbv	98
71) 2-Chlorotoluene	15.48	91	3865361	7.784	ppbv	98
72) 4-Ethyltoluene	15.86	105	4633992	8.166	ppbv	99
73) 1,3,5-Trimethylbenzene	16.02	105	4193987	7.646	ppbv	96
74) 1,2,4-Trimethylbenzene	16.79	105	4388027	7.764	ppbv	99
75) 1,3-Dichlorobenzene	17.02	146	2615280	7.611	ppbv	99
76) 1,4-Dichlorobenzene	17.17	146	2509014	7.310	ppbv	99
77) 1,2-Dichlorobenzene	17.84	146	2512948	7.559	ppbv	100
78) Hexachloro-1,3-Butadiene	23.40	225	1661904	5.815	ppbv	100
79) Naphthalene	22.23	128	3153963	6.693	ppbv	99
80) Naphthalene,2-methyl-	24.99	142	817038	6.611	ppbv	94
81) 1,2,4-Trichlorobenzene	21.96	180	1824251	6.709	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 901

Delta R.T. 0.01 min

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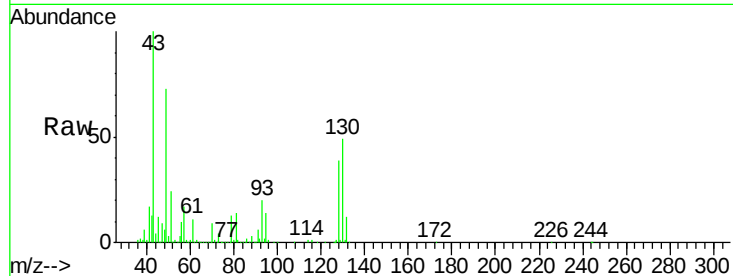
Tgt Ion: 49 Resp: 1318245

Ion Ratio Lower Upper

49 100

128 57.6 29.3 88.0

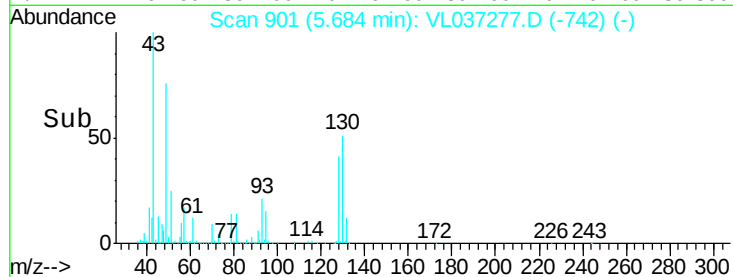
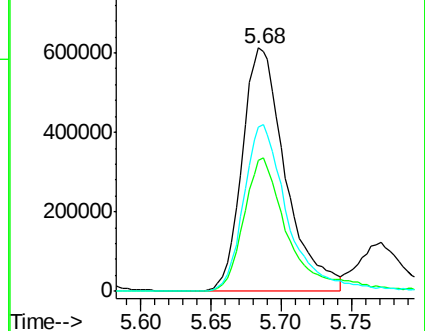
130 71.2 35.9 107.8



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 7.711 ppbv

RT: 3.06 min Scan# 84

Delta R.T. 0.01 min

Lab File: VL037277.D

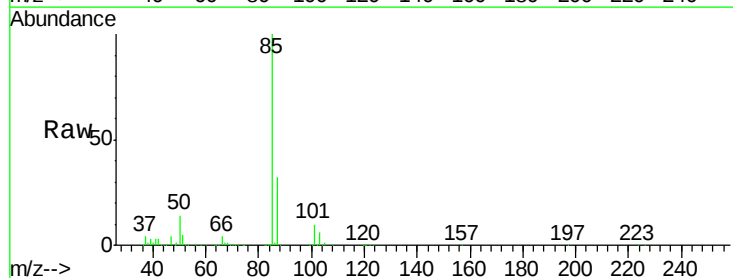
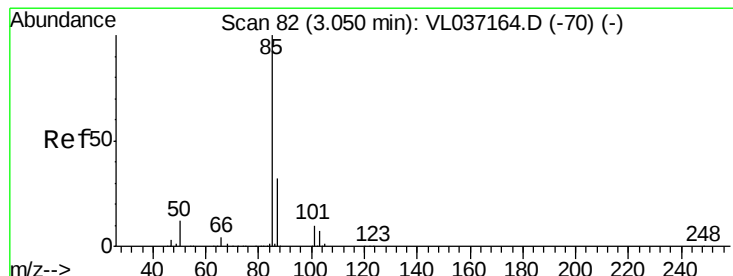
Acq: 2 Jul 2021 16:29

Tgt Ion: 85 Resp: 1767736

Ion Ratio Lower Upper

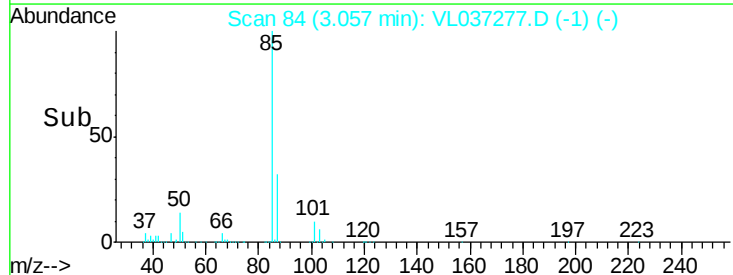
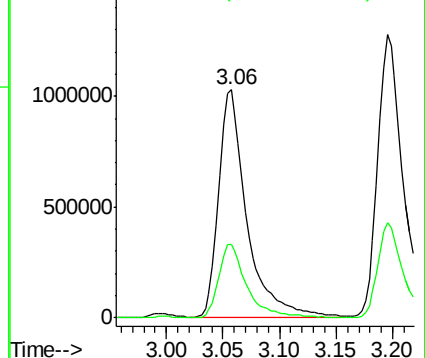
85 100

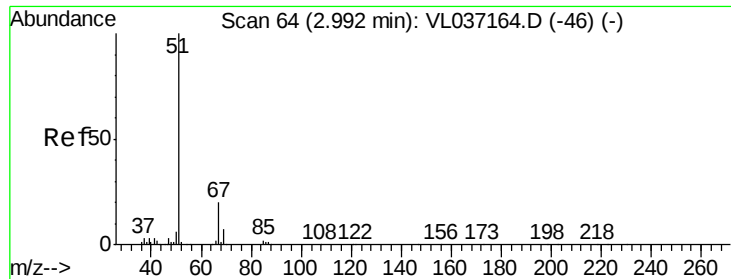
87 32.4 25.8 38.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

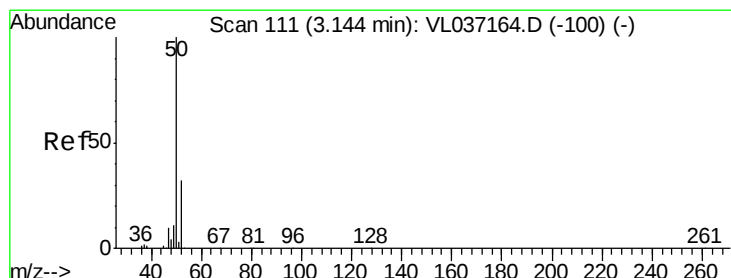
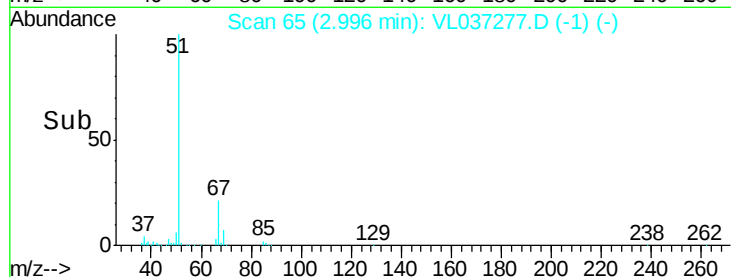
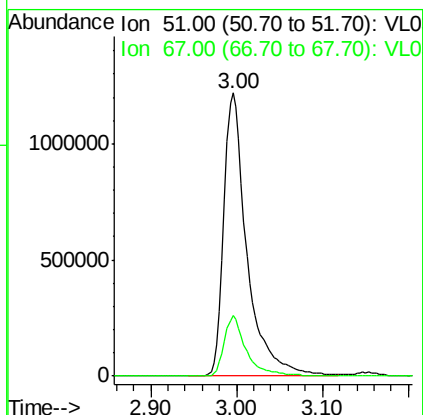
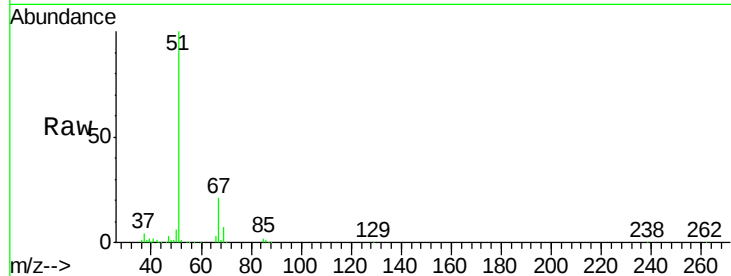




#3
Chlorodifluoromethane
Concen: 8.932 ppbv
RT: 3.00 min Scan# 65
Delta R.T. 0.00 min
Lab File: VL037277.D
Acq: 2 Jul 2021 16:29

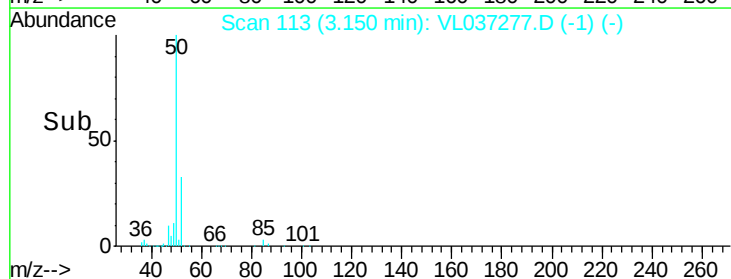
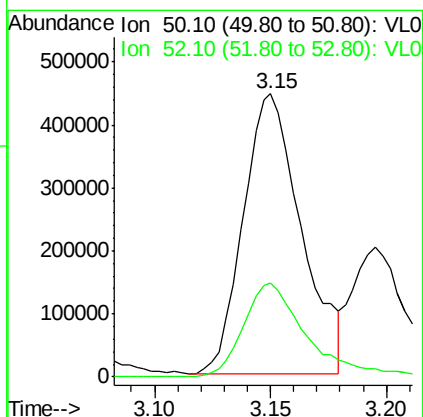
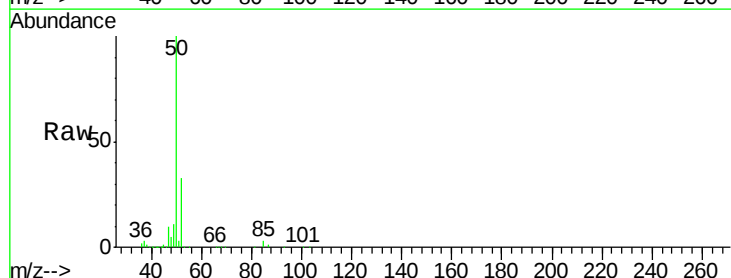
Instrument :
MSVOA_L
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VSTDCCC010EC

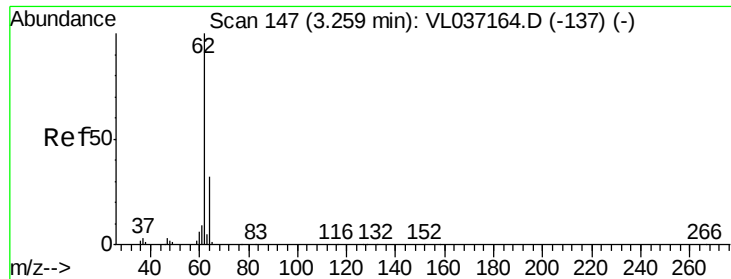
Tgt Ion: 51 Resp: 2289651
Ion Ratio Lower Upper
51 100
67 20.5 15.8 23.6



#4
Chloromethane
Concen: 9.077 ppbv
RT: 3.15 min Scan# 113
Delta R.T. 0.01 min
Lab File: VL037277.D
Acq: 2 Jul 2021 16:29

Tgt Ion: 50 Resp: 775381
Ion Ratio Lower Upper
50 100
52 33.2 25.8 38.8





#5

Vinyl Chloride

Concen: 8.840 ppbv

RT: 3.27 min Scan# 149

Delta R.T. 0.01 min

Lab File: VL037277.D

Acq: 2 Jul 2021 16:29

Instrument :

MSVOA_L

ClientSampleId :

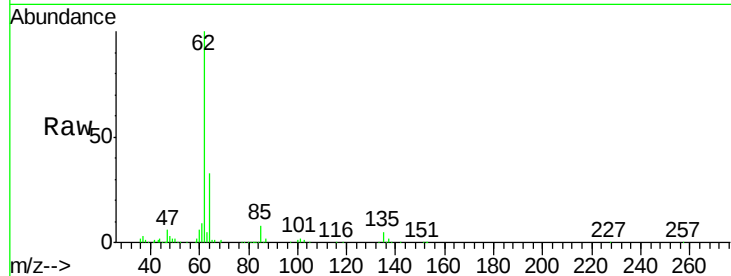
VSTDCCC010EC

Tgt Ion: 62 Resp: 829957

Ion Ratio Lower Upper

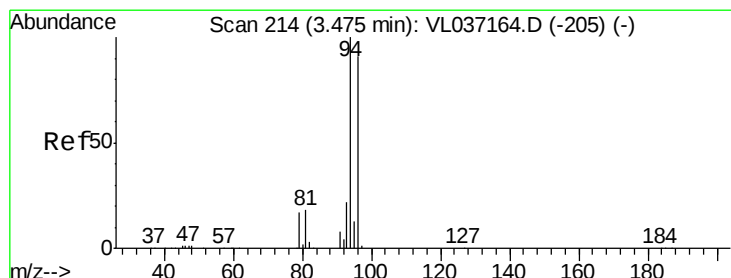
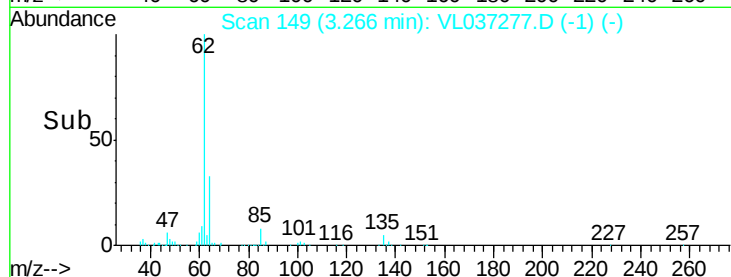
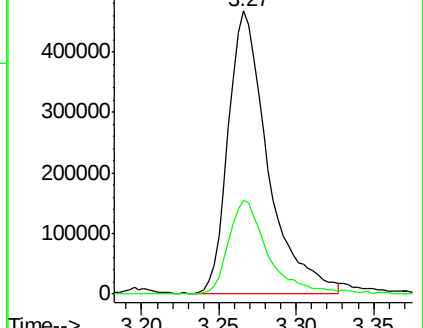
62 100

64 33.5 25.6 38.4



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 8.423 ppbv

RT: 3.48 min Scan# 217

Delta R.T. 0.01 min

Lab File: VL037277.D

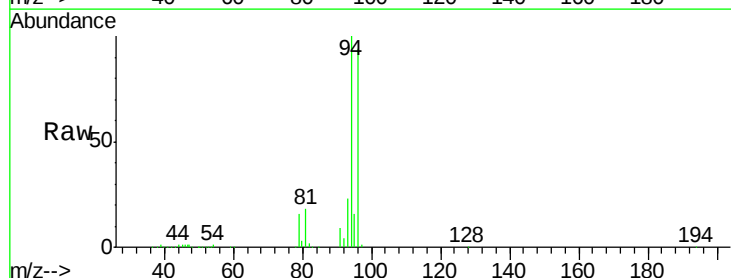
Acq: 2 Jul 2021 16:29

Tgt Ion: 94 Resp: 471808

Ion Ratio Lower Upper

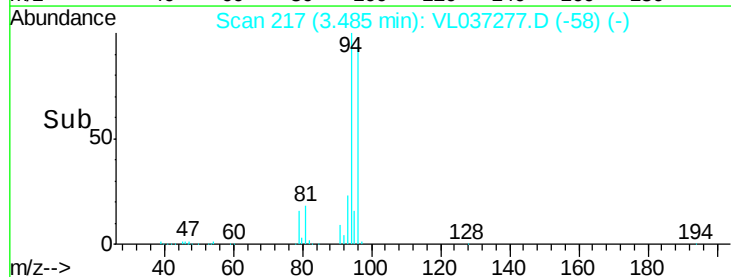
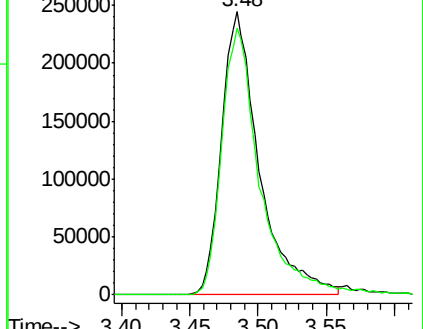
94 100

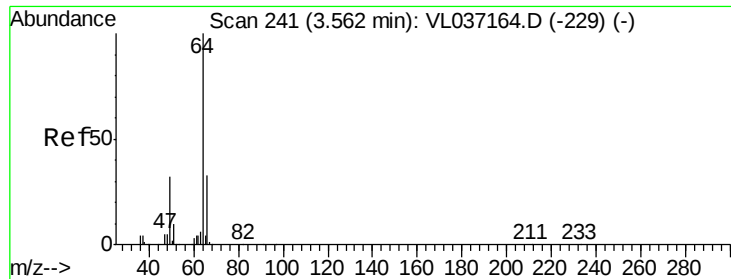
96 94.2 72.6 108.8



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 9.250 ppbv

RT: 3.57 min Scan# 243

Delta R.T. 0.01 min

Lab File: VL037277.D

Acq: 2 Jul 2021 16:29

Instrument :

MSVOA_L

ClientSampleId :

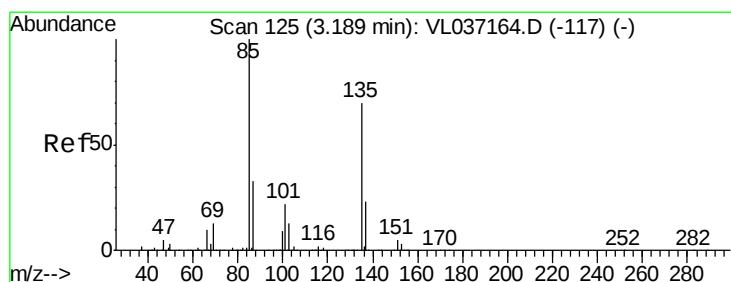
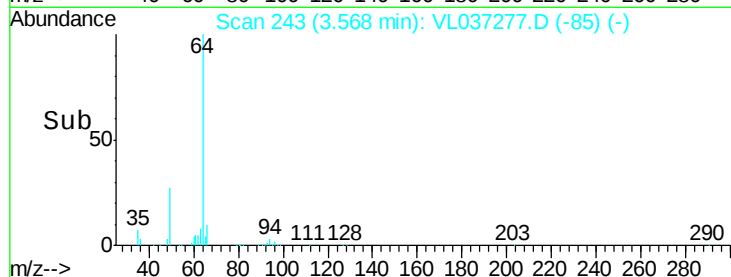
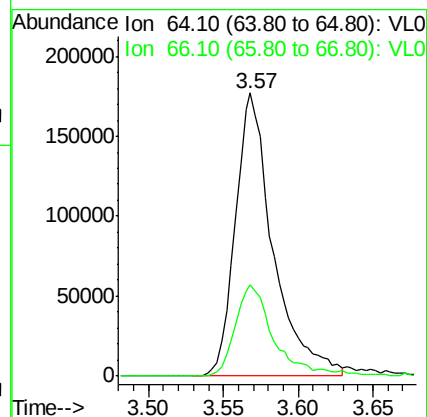
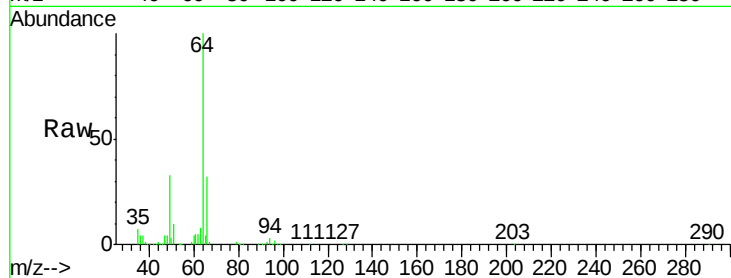
VSTDCCC010EC

Tgt Ion: 64 Resp: 310438

Ion Ratio Lower Upper

64 100

66 32.2 26.2 39.4



#8

Dichlorotetrafluoroethane

Concen: 9.022 ppbv

RT: 3.20 min Scan# 127

Delta R.T. 0.01 min

Lab File: VL037277.D

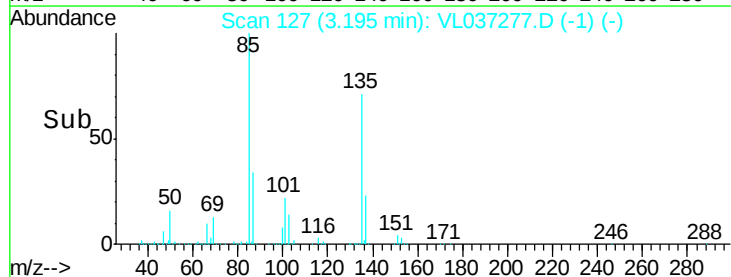
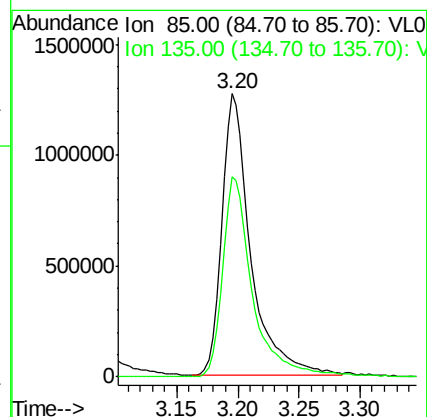
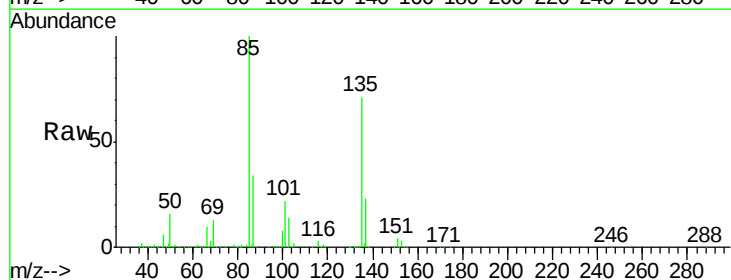
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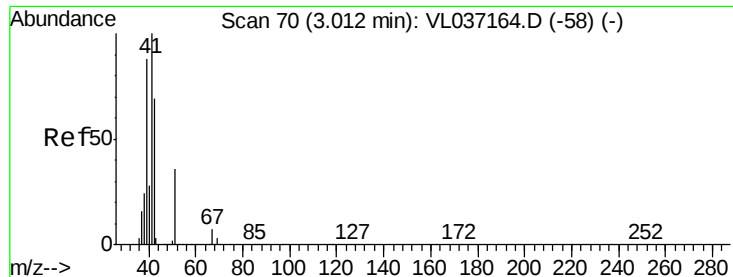
Tgt Ion: 85 Resp: 2121866

Ion Ratio Lower Upper

85 100

135 74.0 60.4 90.6

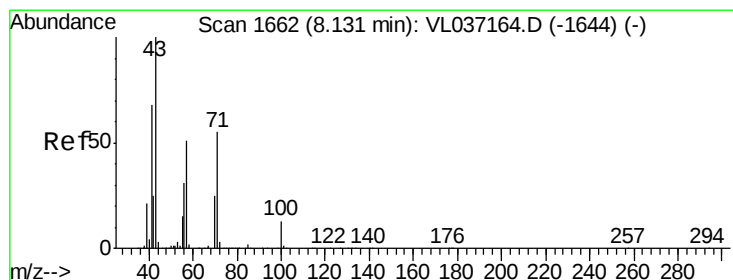
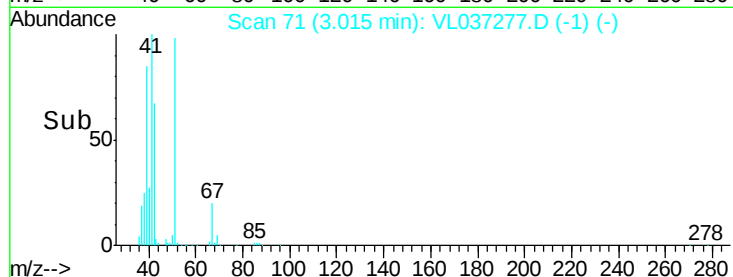
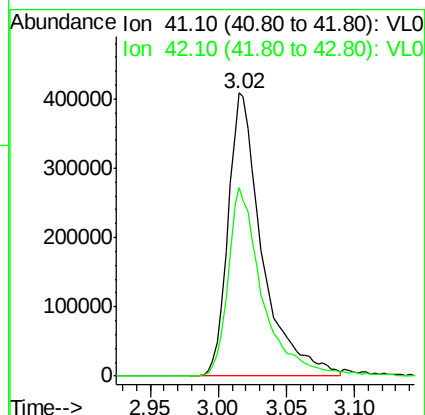
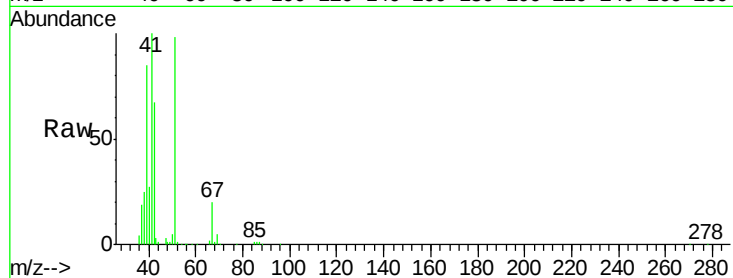




#9
 Propene
 Concen: 8.659 ppbv
 RT: 3.02 min Scan# 71
 Delta R.T. 0.00 min
 Lab File: VL037277.D
 Acq: 2 Jul 2021 16:29

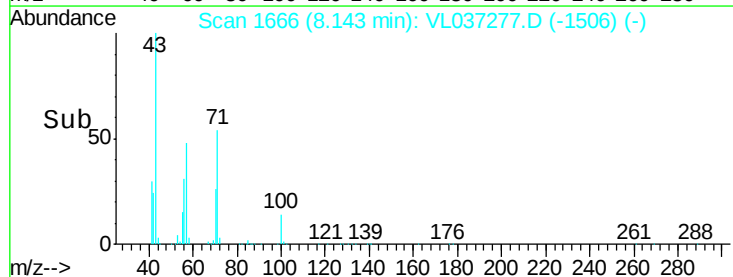
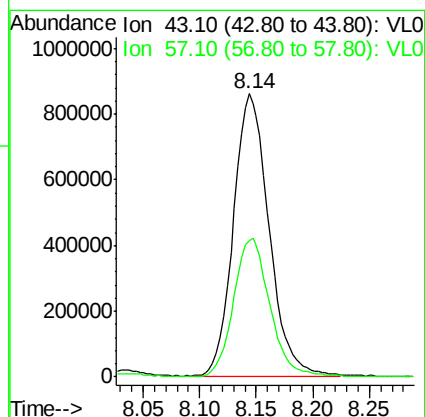
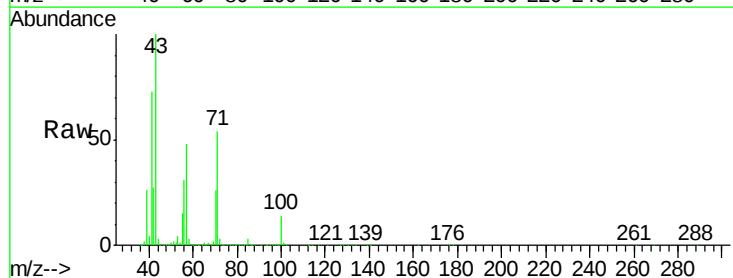
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

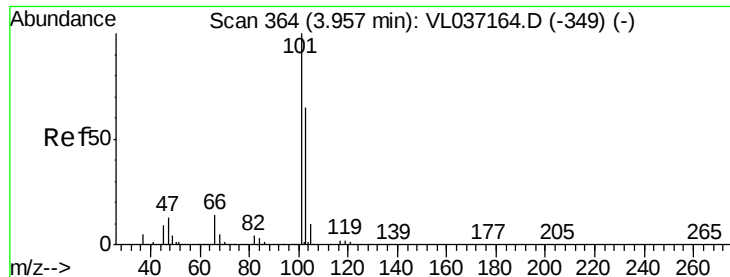
Tgt Ion: 41 Resp: 709662
 Ion Ratio Lower Upper
 41 100
 42 67.4 54.5 81.7



#10
 Heptane
 Concen: 9.459 ppbv
 RT: 8.14 min Scan# 1666
 Delta R.T. 0.01 min
 Lab File: VL037277.D
 Acq: 2 Jul 2021 16:29

Tgt Ion: 43 Resp: 1877492
 Ion Ratio Lower Upper
 43 100
 57 50.2 40.6 61.0

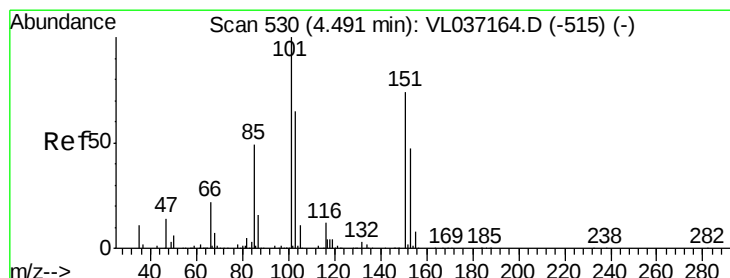
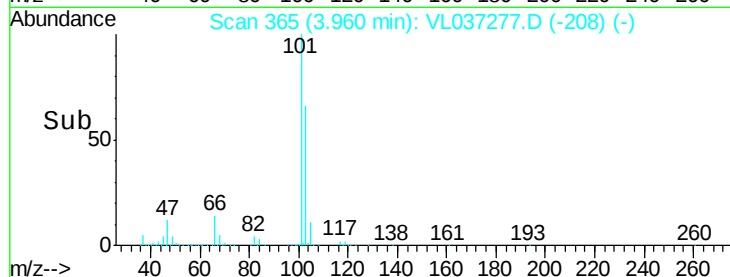
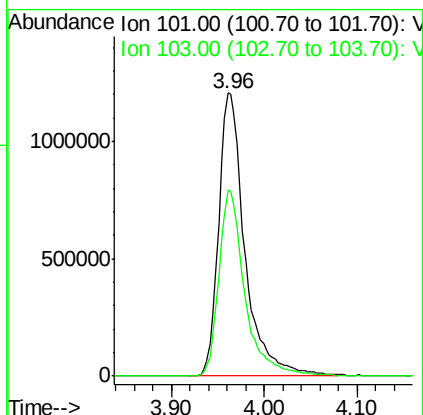
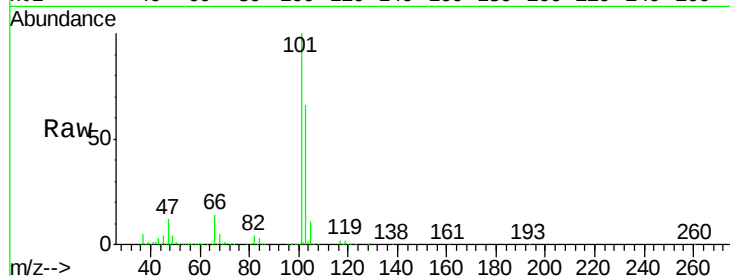




#11
 Trichlorofluoromethane
 Concen: 9.694 ppbv
 RT: 3.96 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VL037277.D
 Acq: 2 Jul 2021 16:29

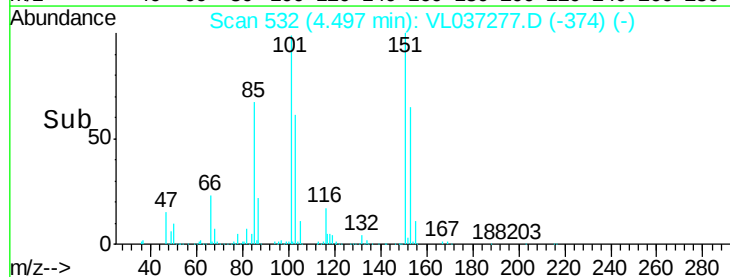
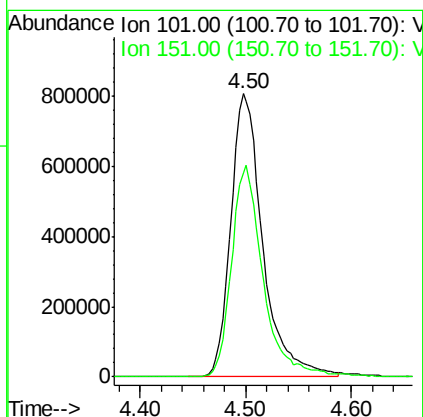
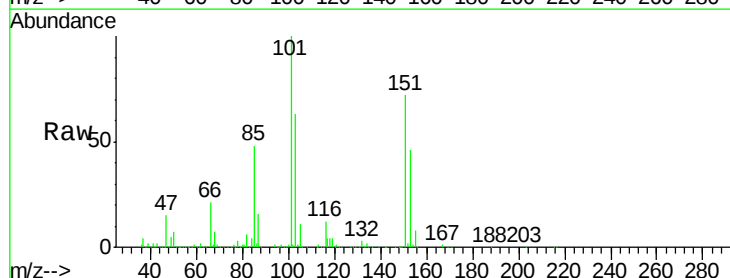
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

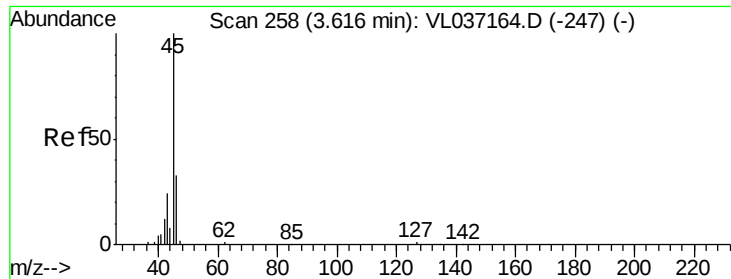
Tgt Ion:101 Resp: 2371489
 Ion Ratio Lower Upper
 101 100
 103 65.9 52.2 78.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.849 ppbv
 RT: 4.50 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VL037277.D
 Acq: 2 Jul 2021 16:29

Tgt Ion:101 Resp: 1698406
 Ion Ratio Lower Upper
 101 100
 151 74.0 59.1 88.7

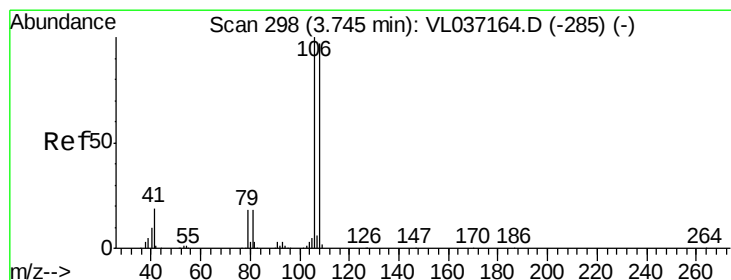
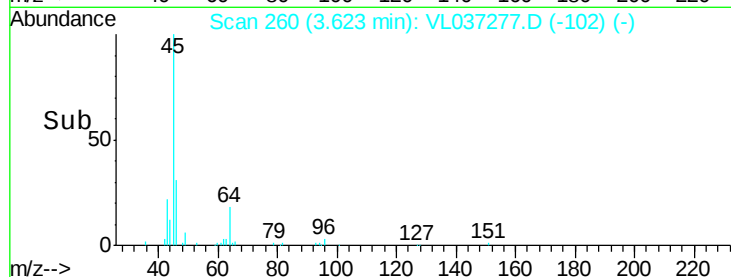
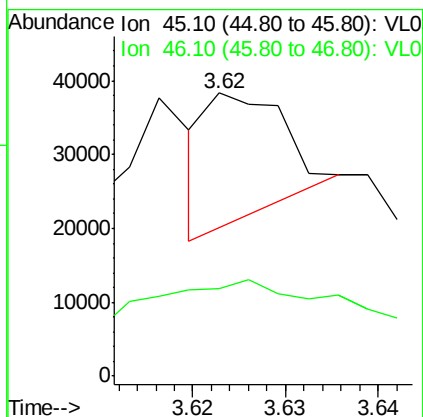
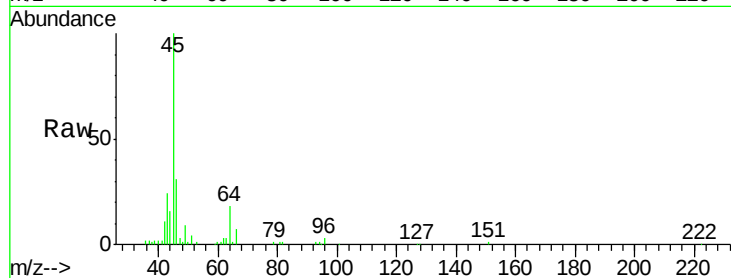




#13
Ethanol
Concen: 0.801 ppbv
RT: 3.62 min Scan# 260
Delta R.T. 0.01 min
Lab File: VL037277.D
Acq: 2 Jul 2021 16:29

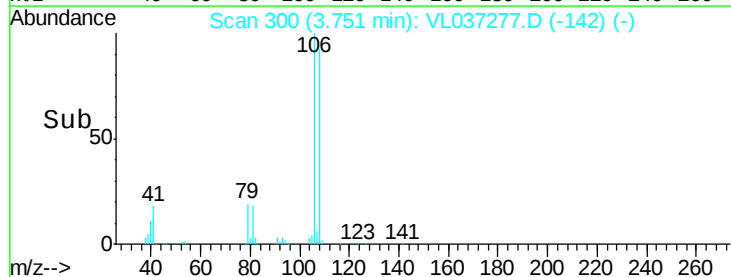
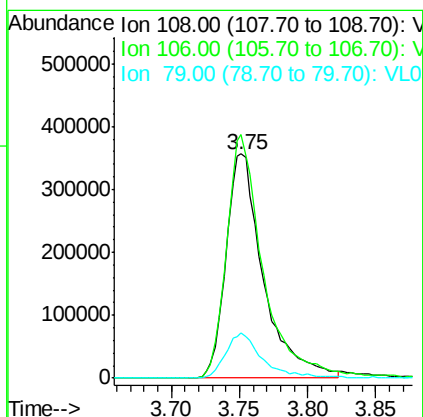
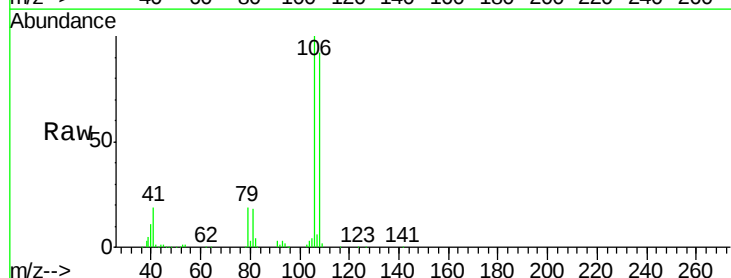
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

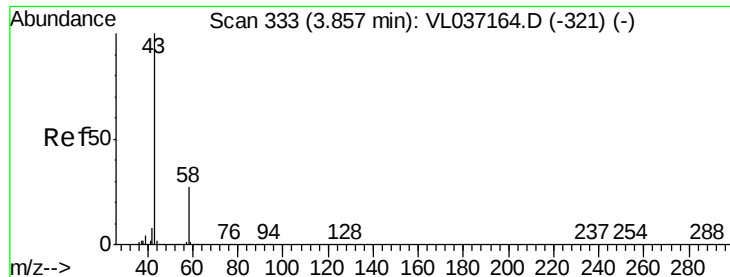
Tgt Ion: 45 Resp: 10150
Ion Ratio Lower Upper
45 100
46 390.1 34.2 137.0#



#14
Bromoethene
Concen: 9.433 ppbv
RT: 3.75 min Scan# 300
Delta R.T. 0.01 min
Lab File: VL037277.D
Acq: 2 Jul 2021 16:29

Tgt Ion: 108 Resp: 678930
Ion Ratio Lower Upper
108 100
106 107.7 86.8 130.2
79 20.4 15.6 23.4

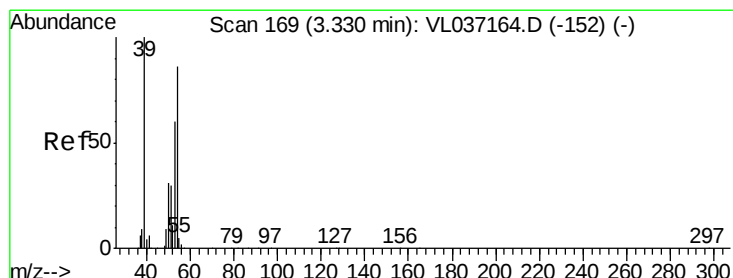
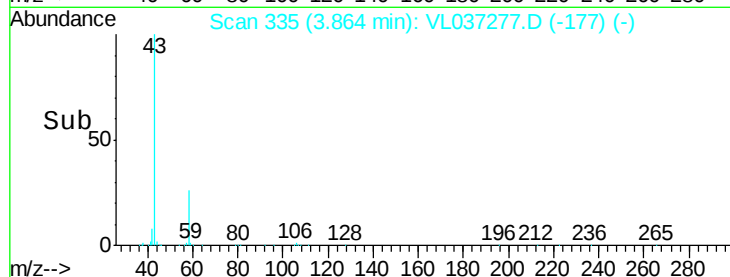
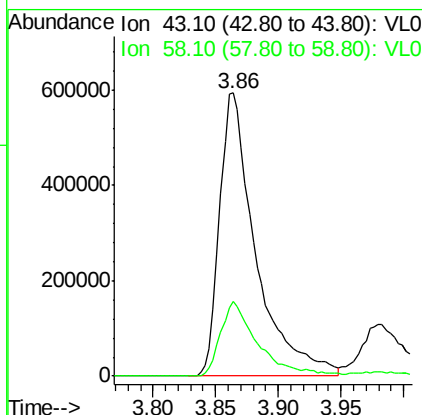
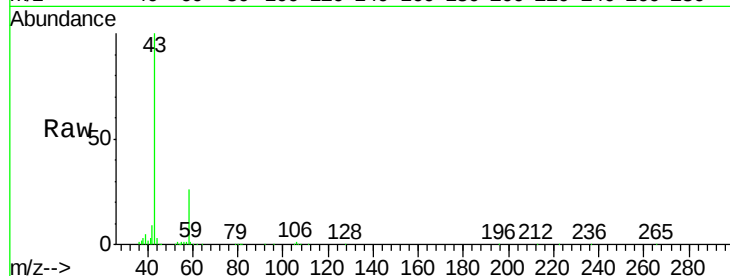




#15
Acetone
Concen: 7.995 ppbv
RT: 3.86 min Scan# 335
Delta R.T. 0.01 min
Lab File: VL037277.D
Acq: 2 Jul 2021 16:29

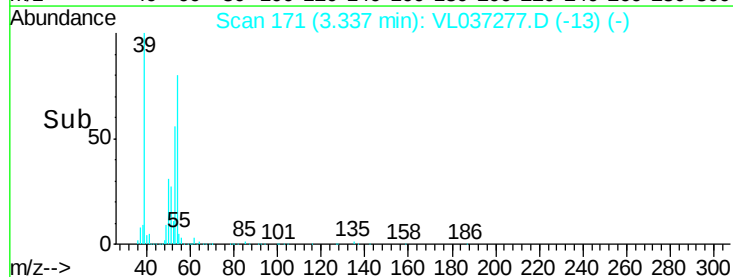
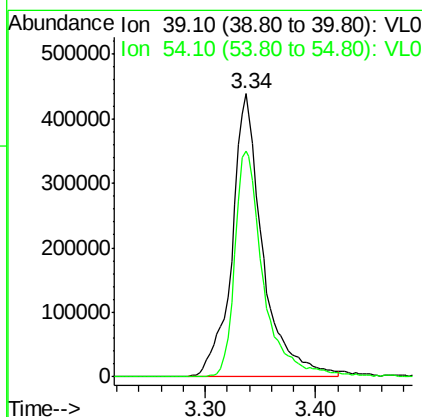
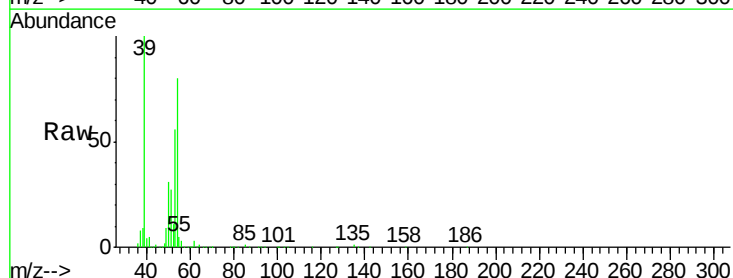
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

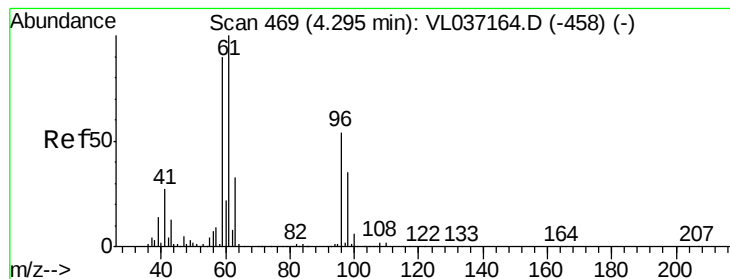
Tgt Ion: 43 Resp: 1188567
Ion Ratio Lower Upper
43 100
58 27.3 23.7 35.5



#16
1,3-Butadiene
Concen: 9.687 ppbv
RT: 3.34 min Scan# 171
Delta R.T. 0.01 min
Lab File: VL037277.D
Acq: 2 Jul 2021 16:29

Tgt Ion: 39 Resp: 851302
Ion Ratio Lower Upper
39 100
54 73.9 61.2 91.8





#17

tert-Butyl alcohol

Concen: 10.160 ppbv

RT: 4.30 min Scan# 472

Delta R.T. 0.01 min

Lab File: VL037277.D

Acq: 2 Jul 2021 16:29

Instrument :

MSVOA_L

ClientSampleId :

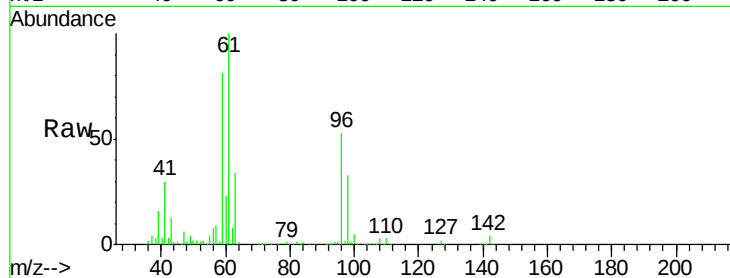
VSTDCCC010EC

Tgt Ion: 59 Resp: 1395904

Ion Ratio Lower Upper

59 100

57 10.6 8.8 13.2



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

4.30

600000

400000

200000

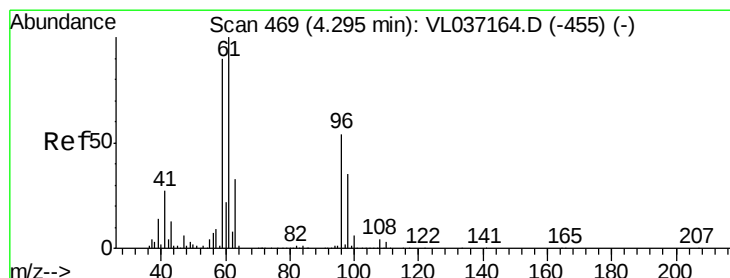
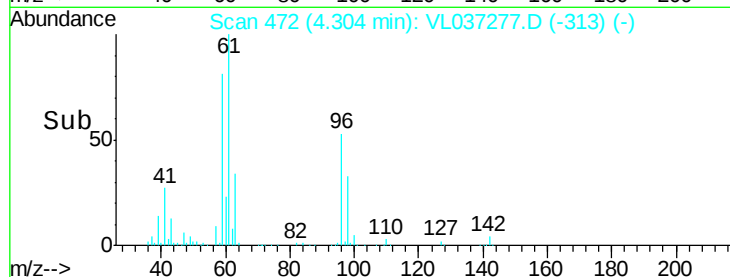
0

Time-->

4.20

4.30

4.40



#18

1,1-Dichloroethene

Concen: 9.525 ppbv

RT: 4.30 min Scan# 472

Delta R.T. 0.01 min

Lab File: VL037277.D

Acq: 2 Jul 2021 16:29

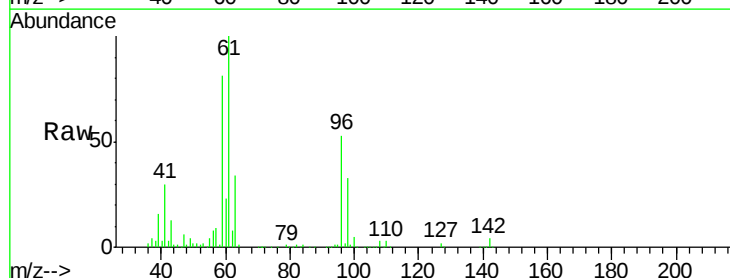
Tgt Ion: 96 Resp: 727859

Ion Ratio Lower Upper

96 100

61 190.2 148.6 222.8

98 62.8 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

1000000

800000

600000

400000

200000

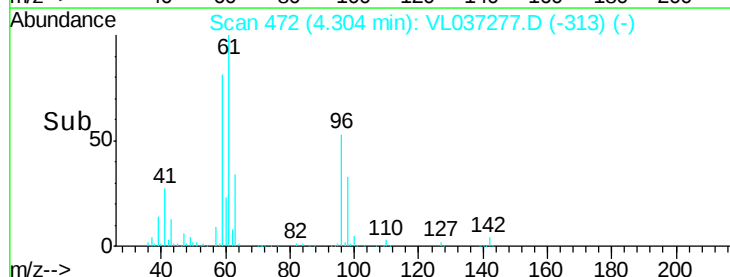
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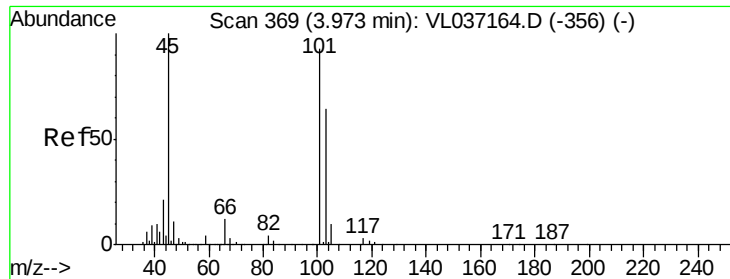
Time-->

4.25

4.30

4.35





#19

Isopropyl Alcohol

Concen: 9.246 ppbv

RT: 3.98 min Scan# 371

Delta R.T. 0.01 min

Lab File: VL037277.D

Acq: 2 Jul 2021 16:29

Instrument :

MSVOA_L

ClientSampleId :

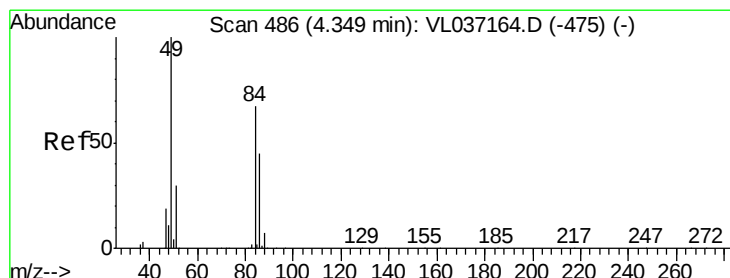
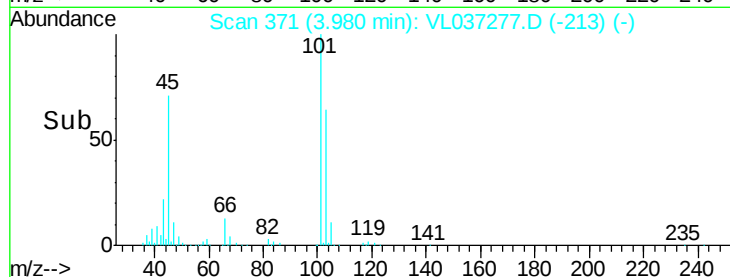
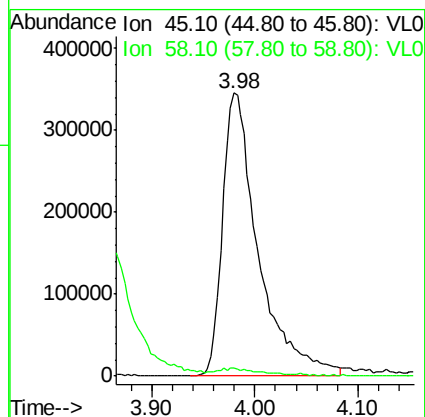
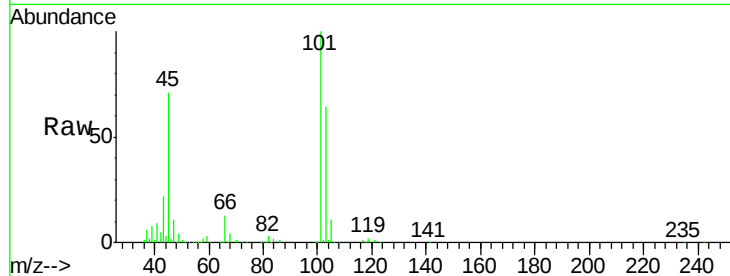
VSTDCCC010EC

Tgt Ion: 45 Resp: 832492

Ion Ratio Lower Upper

45 100

58 2.9 2.4 3.6



#20

Methylene Chloride

Concen: 7.189 ppbv

RT: 4.36 min Scan# 489

Delta R.T. 0.01 min

Lab File: VL037277.D

Acq: 2 Jul 2021 16:29

Tgt Ion: 84 Resp: 639806

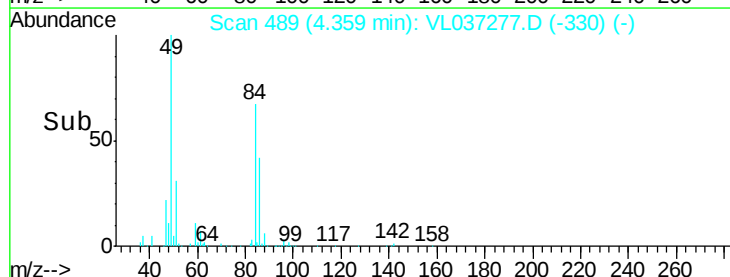
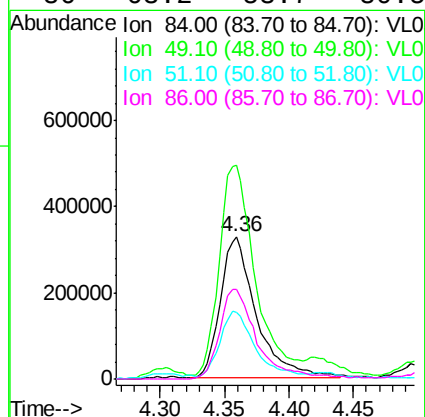
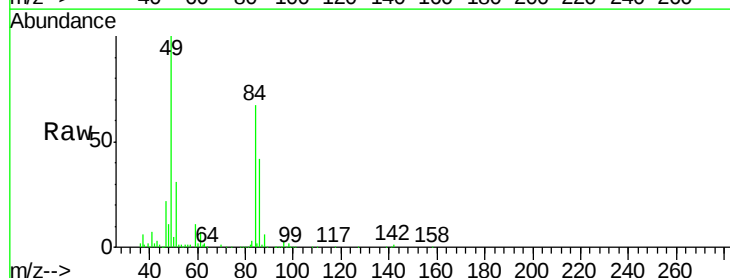
Ion Ratio Lower Upper

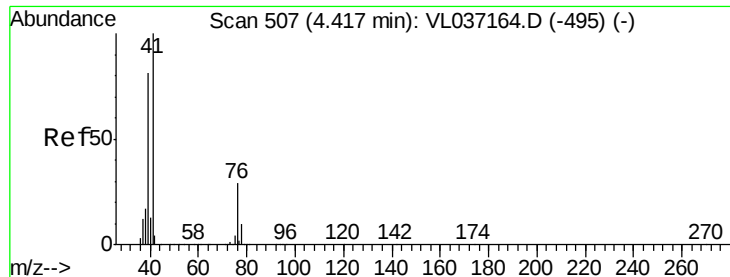
84 100

49 147.6 119.7 179.5

51 44.7 36.1 54.1

86 63.2 53.7 80.5





#21

Allyl Chloride

Concen: 9.447 ppbv

RT: 4.43 min Scan# 510

Delta R.T. 0.01 min

Lab File: VL037277.D

Acq: 2 Jul 2021 16:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

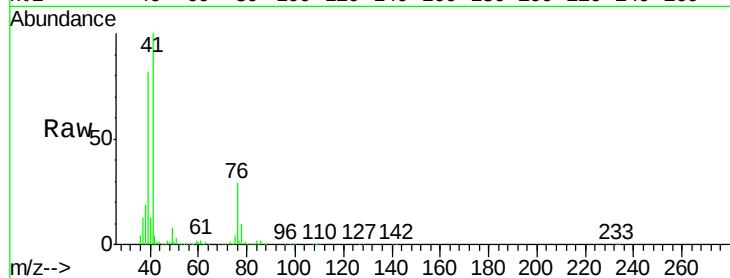
Tgt Ion: 41 Resp: 1058511

Ion Ratio Lower Upper

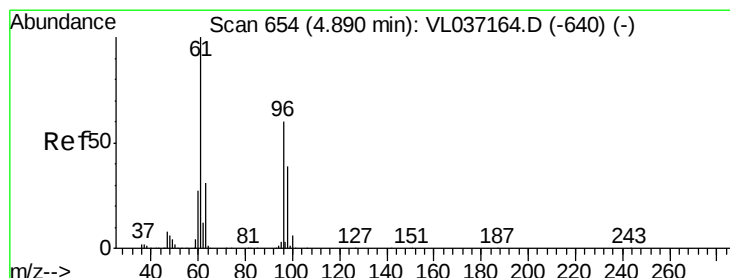
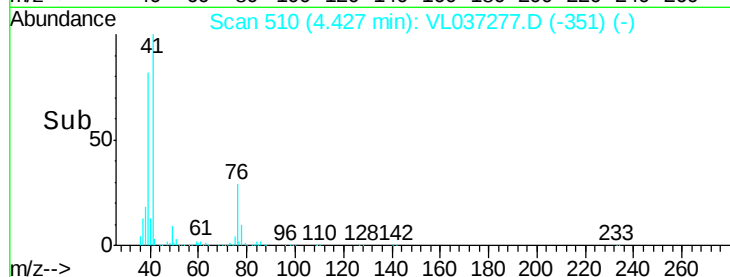
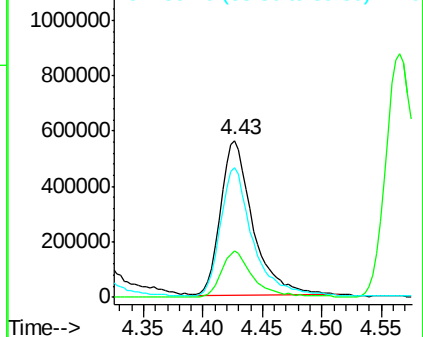
41 100

76 29.7 24.6 37.0

39 83.2 65.4 98.0



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: 10.114 ppbv

RT: 4.90 min Scan# 658

Delta R.T. 0.01 min

Lab File: VL037277.D

Acq: 2 Jul 2021 16:29

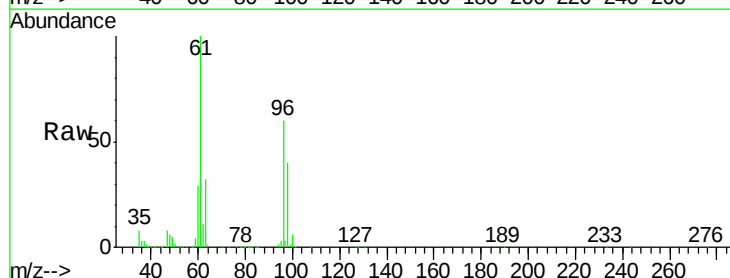
Tgt Ion: 96 Resp: 764785

Ion Ratio Lower Upper

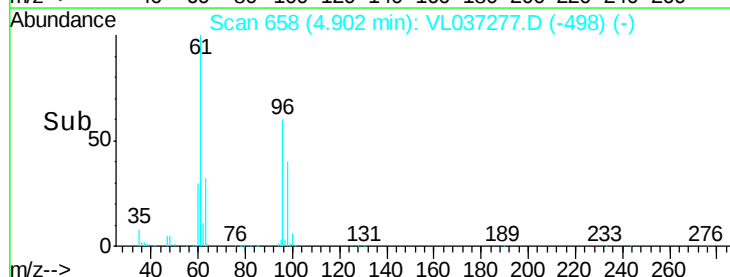
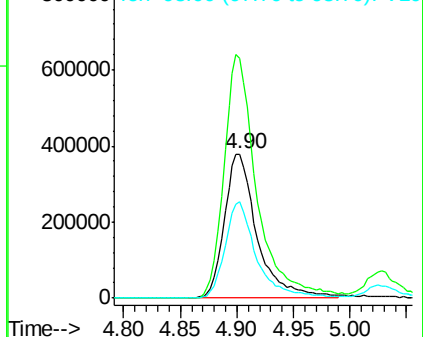
96 100

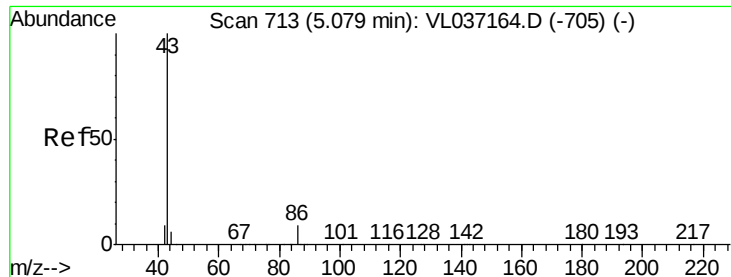
61 166.3 133.9 200.9

98 67.0 52.9 79.3



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: 8.554 ppbv

RT: 5.09 min Scan# 716

Delta R.T. 0.01 min

Lab File: VL037277.D

Acq: 2 Jul 2021 16:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 1823327

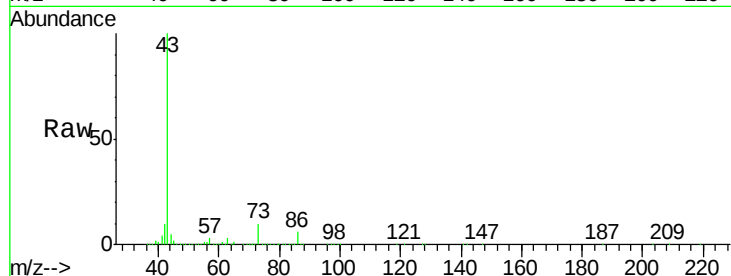
Ion Ratio Lower Upper

43 100

86 6.3 5.8 8.8

42 9.7 8.2 12.2

44 5.0 4.2 6.4

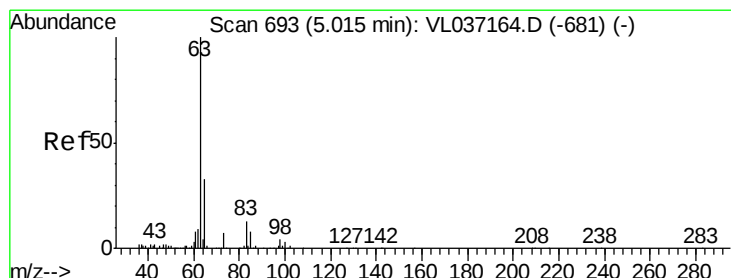
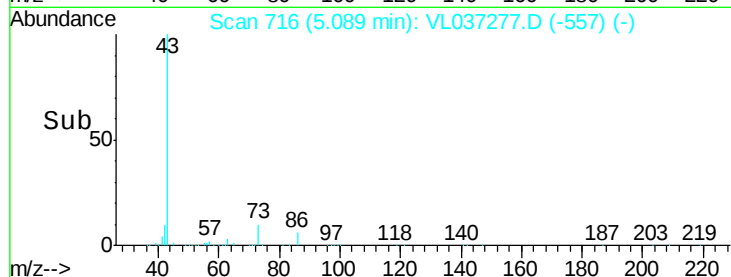
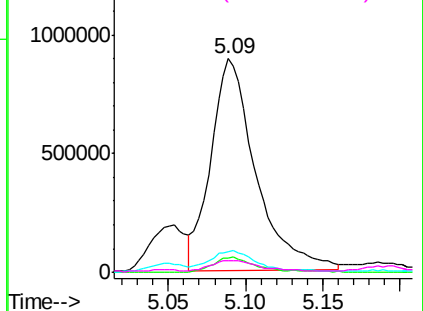


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 9.097 ppbv

RT: 5.03 min Scan# 697

Delta R.T. 0.01 min

Lab File: VL037277.D

Acq: 2 Jul 2021 16:29

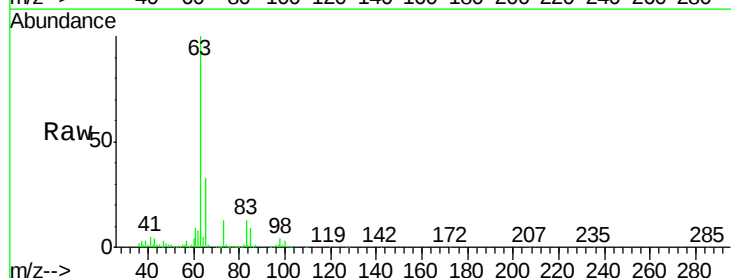
Tgt Ion: 63 Resp: 1561160

Ion Ratio Lower Upper

63 100

98 4.1 2.1 6.5

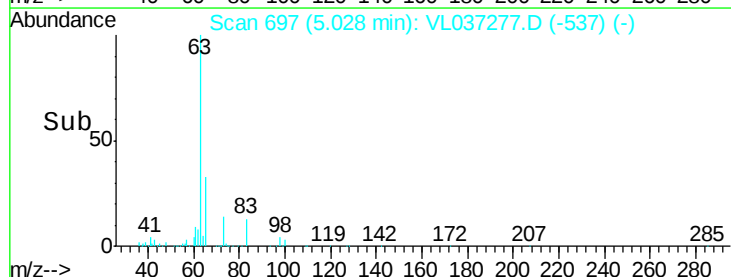
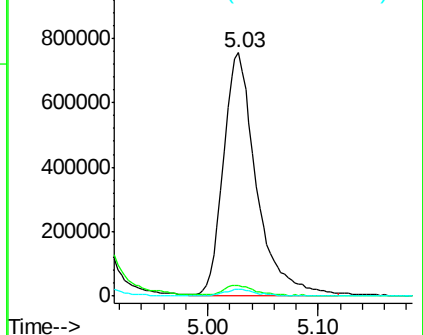
100 2.8 1.4 4.0

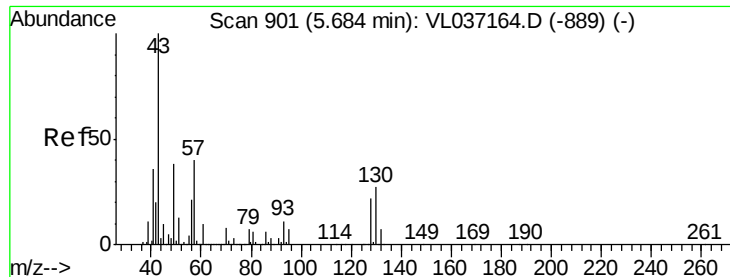


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0



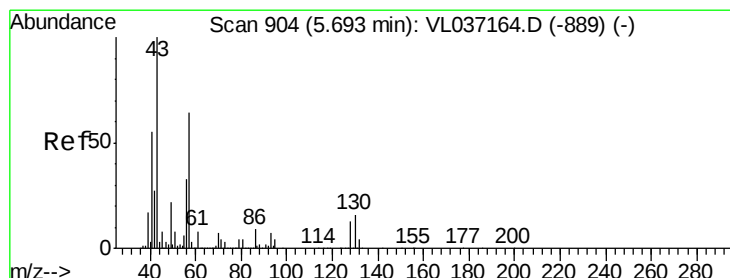
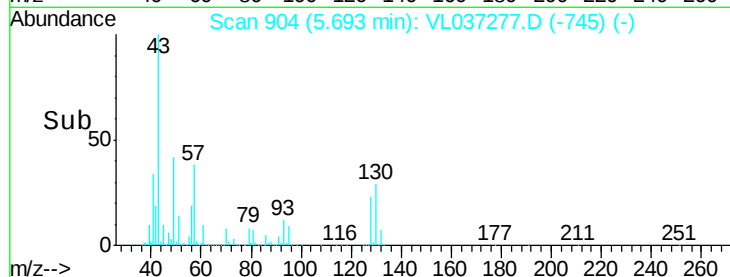
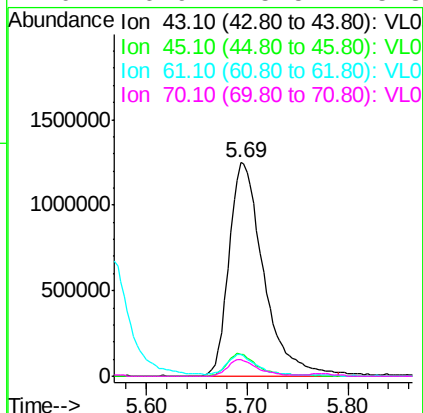
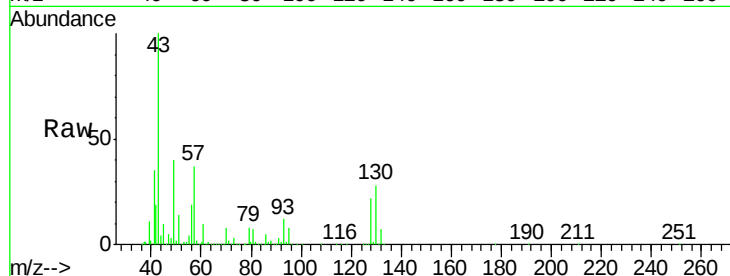


#25
Ethyl Acetate
Concen: 9.215 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.01 min
Lab File: VL037277.D
Acq: 2 Jul 2021 16:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 2965468

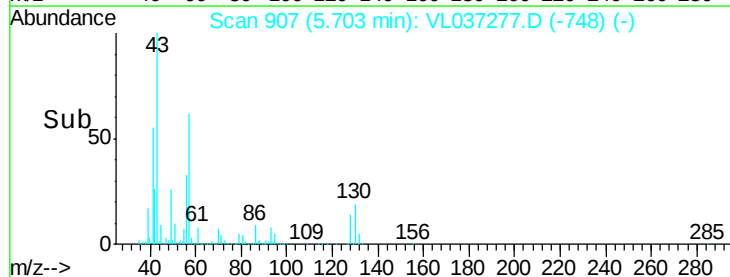
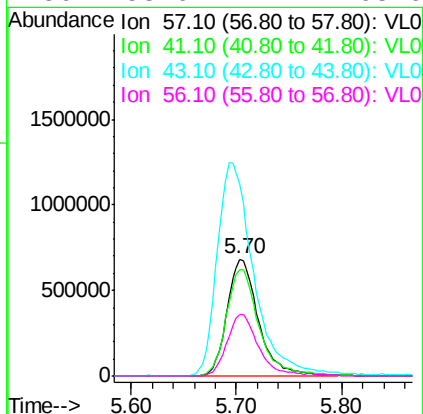
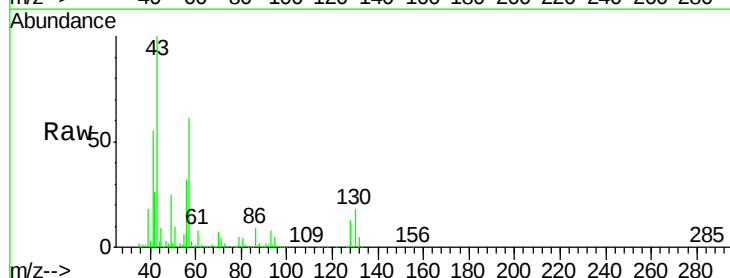
Ion	Ratio	Lower	Upper
43	100		
45	9.7	8.0	12.0
61	9.5	8.1	12.1
70	6.9	5.5	8.3

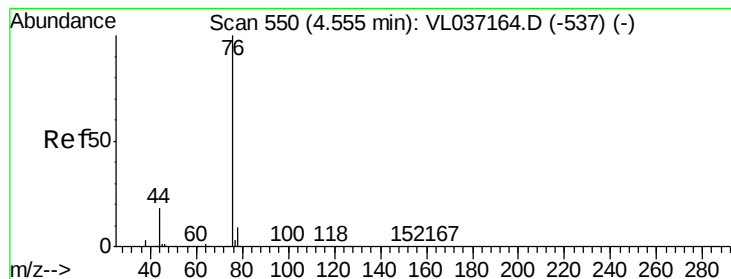


#26
Hexane
Concen: 8.671 ppbv
RT: 5.70 min Scan# 907
Delta R.T. 0.01 min
Lab File: VL037277.D
Acq: 2 Jul 2021 16:29

Tgt Ion: 57 Resp: 1410417

Ion	Ratio	Lower	Upper
57	100		
41	95.5	73.5	110.3
43	213.2	170.7	256.1
56	53.6	42.4	63.6





#27

Carbon Disulfide

Concen: 10.942 ppbv

RT: 4.56 min Scan# 553

Delta R.T. 0.01 min

Lab File: VL037277.D

Acq: 2 Jul 2021 16:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

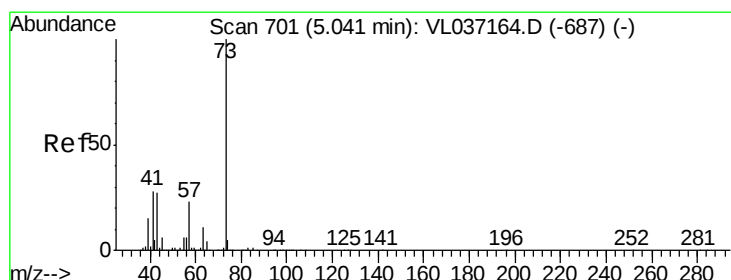
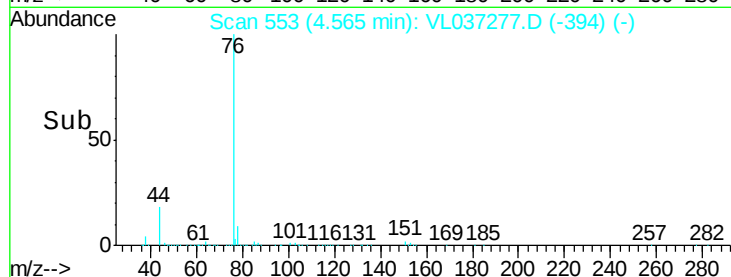
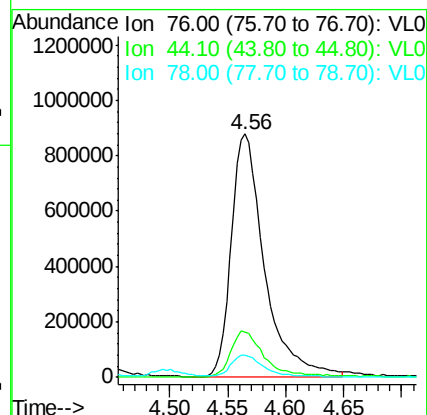
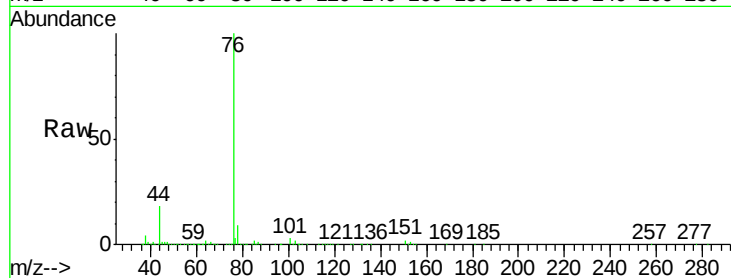
Tgt Ion: 76 Resp: 1743729

Ion Ratio Lower Upper

76 100

44 19.0 15.4 23.2

78 9.8 8.0 12.0



#28

Methyl tert-Butyl Ether

Concen: 8.105 ppbv

RT: 5.05 min Scan# 704

Delta R.T. 0.01 min

Lab File: VL037277.D

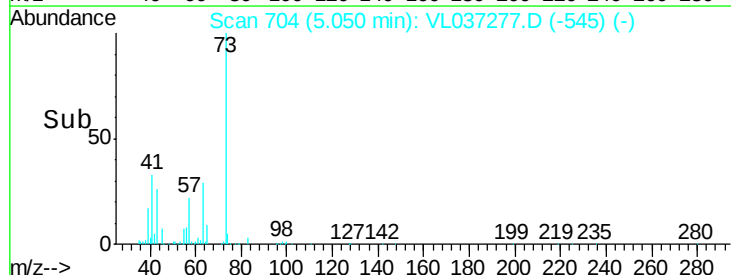
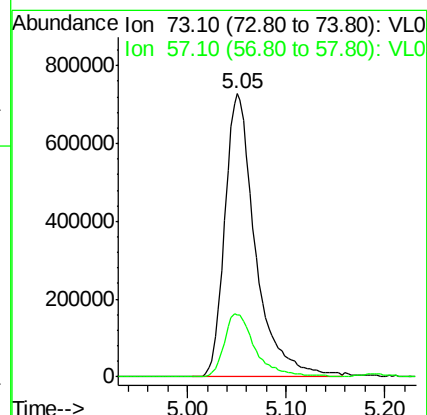
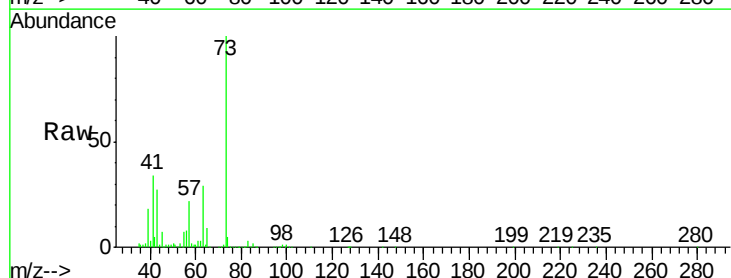
Acq: 2 Jul 2021 16:29

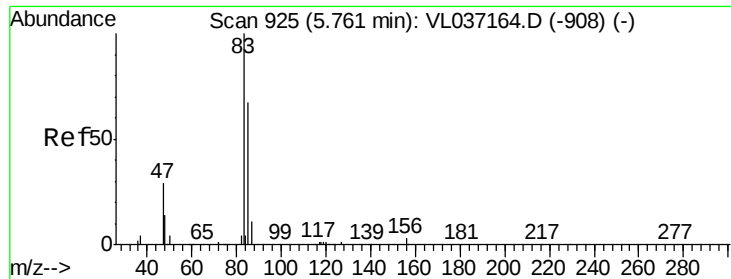
Tgt Ion: 73 Resp: 1584877

Ion Ratio Lower Upper

73 100

57 22.8 18.0 27.0

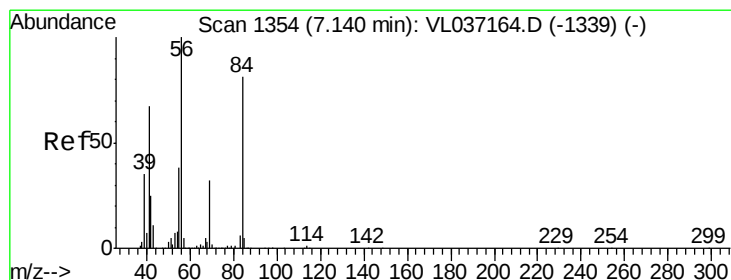
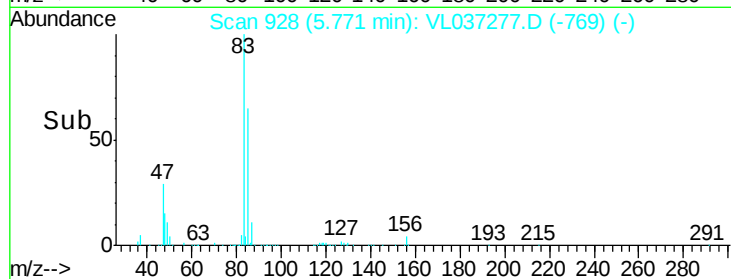
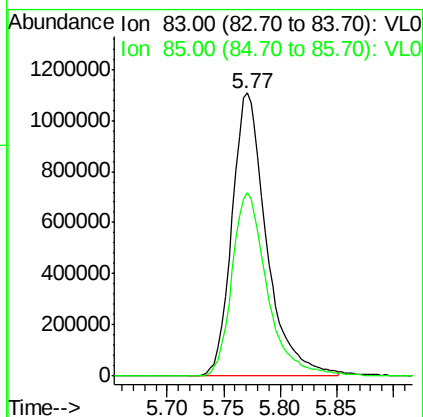
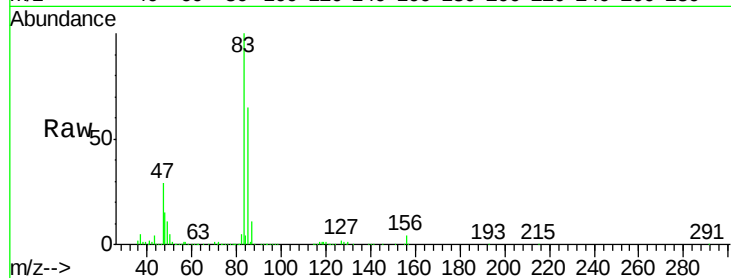




#29
Chloroform
Concen: 9.370 ppbv
RT: 5.77 min Scan# 928
Delta R.T. 0.01 min
Lab File: VL037277.D
Acq: 2 Jul 2021 16:29

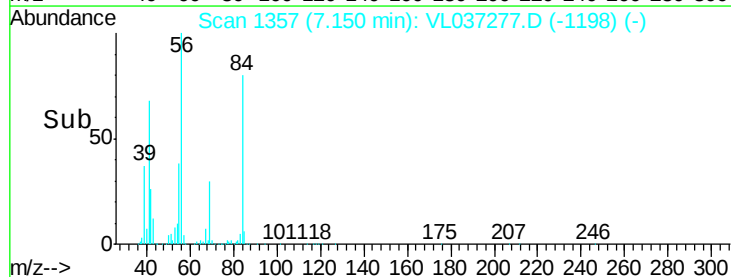
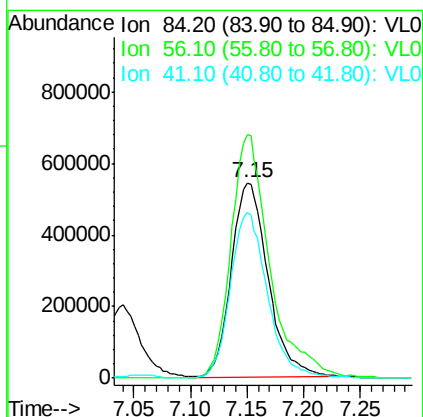
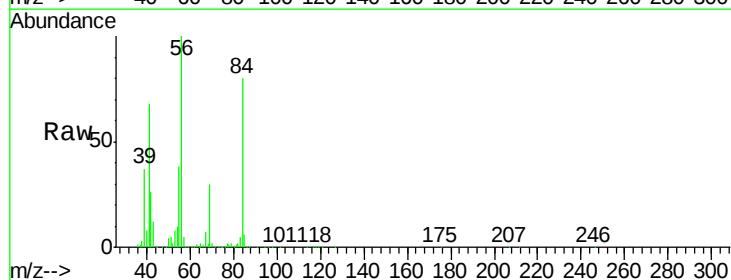
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

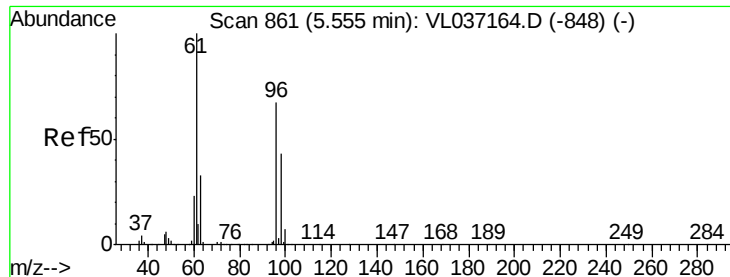
Tgt Ion: 83 Resp: 2354184
Ion Ratio Lower Upper
83 100
85 64.5 53.6 80.4



#30
Cyclohexane
Concen: 9.072 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. 0.01 min
Lab File: VL037277.D
Acq: 2 Jul 2021 16:29

Tgt Ion: 84 Resp: 1229523
Ion Ratio Lower Upper
84 100
56 133.5 107.7 161.5
41 86.6 69.0 103.6





#31

cis-1,2-Dichloroethene

Concen: 9.428 ppbv

RT: 5.57 min Scan# 865

Delta R.T. 0.01 min

Lab File: VL037277.D

Acq: 2 Jul 2021 16:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

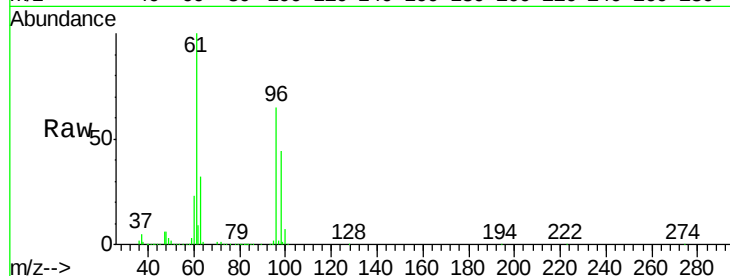
Tgt Ion: 61 Resp: 1409200

Ion Ratio Lower Upper

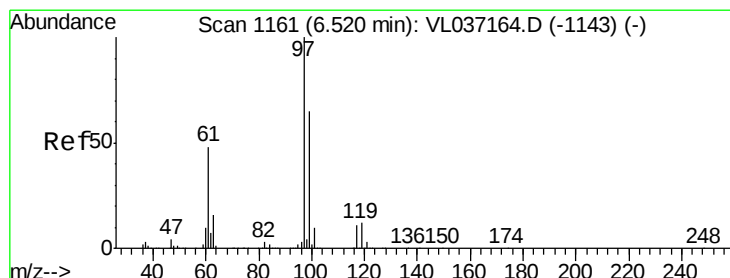
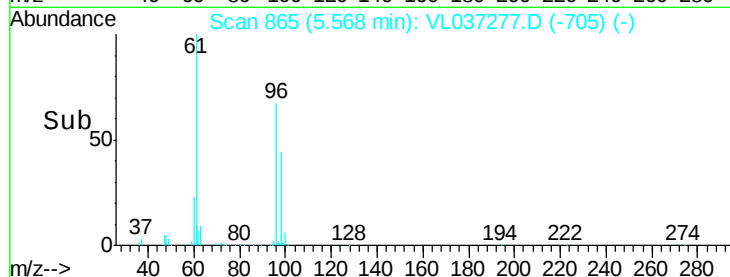
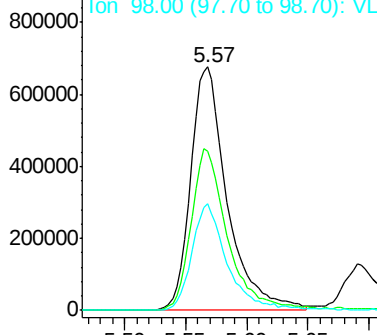
61 100

96 65.2 53.6 80.4

98 43.8 34.7 52.1



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



#32

1,1,1-Trichloroethane

Concen: 9.067 ppbv

RT: 6.53 min Scan# 1165

Delta R.T. 0.01 min

Lab File: VL037277.D

Acq: 2 Jul 2021 16:29

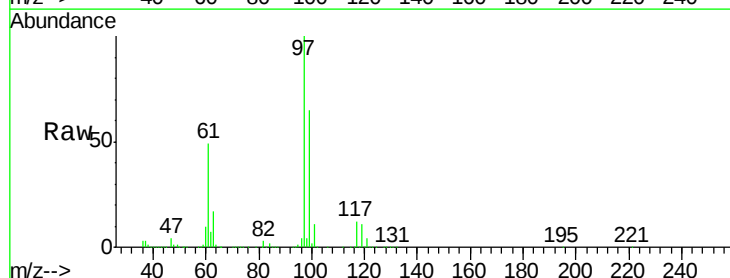
Tgt Ion: 97 Resp: 2437922

Ion Ratio Lower Upper

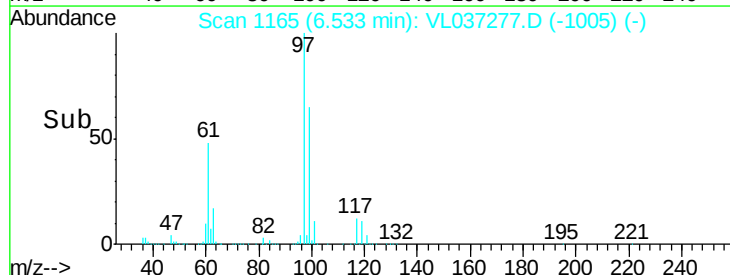
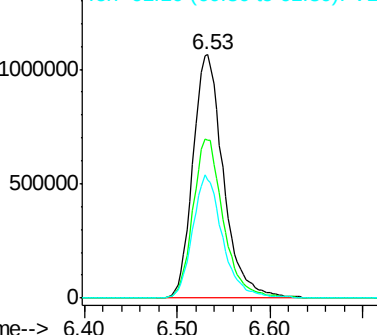
97 100

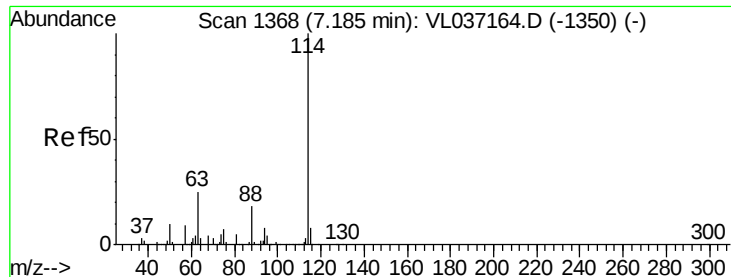
99 65.1 52.2 78.4

61 49.4 38.8 58.2



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

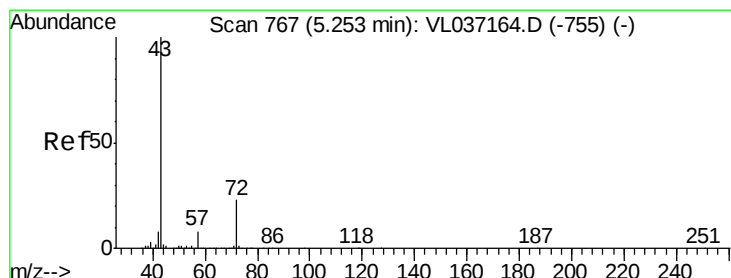
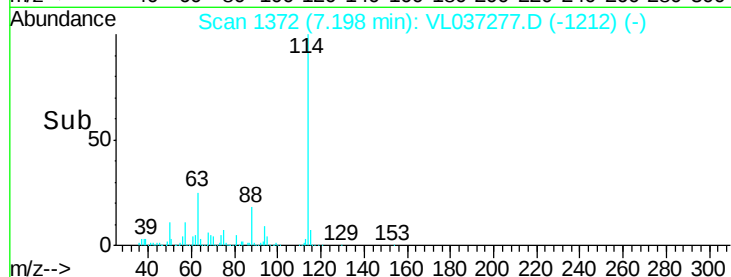
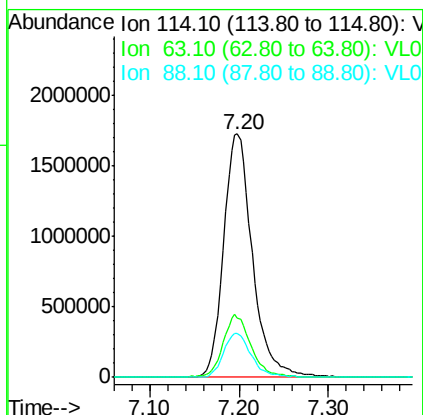
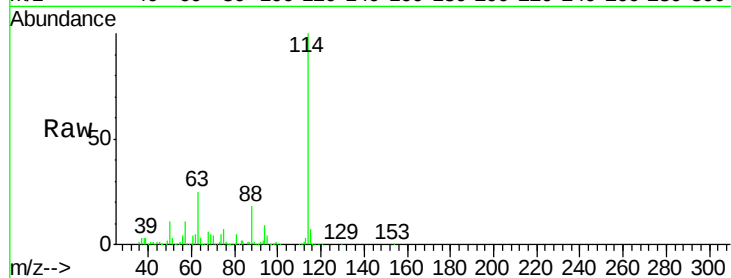




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1372
 Delta R.T. 0.01 min
 Lab File: VL037277.D
 Acq: 2 Jul 2021 16:29

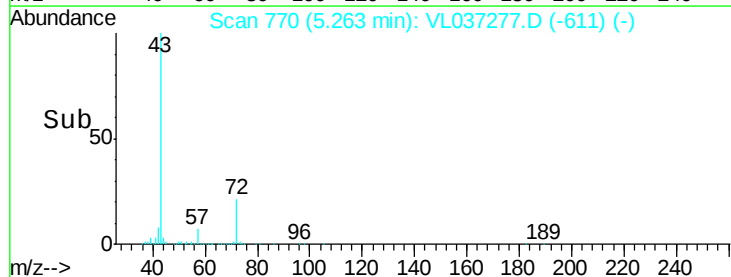
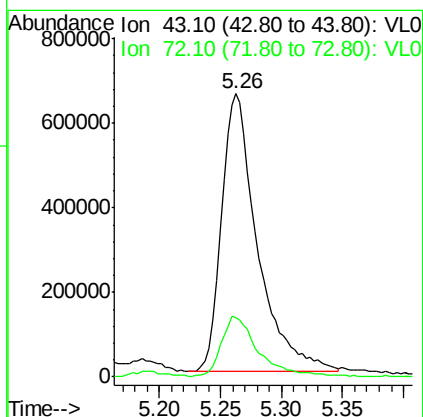
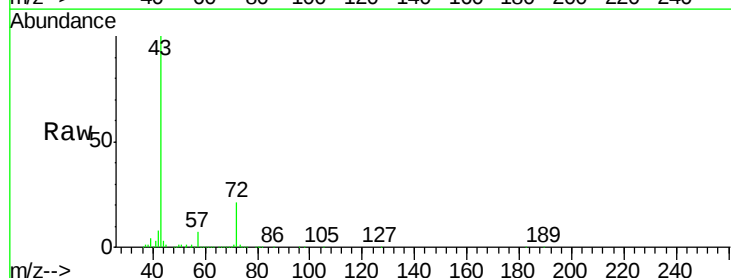
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

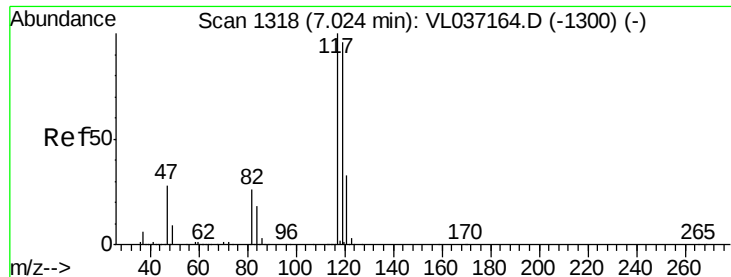
Tgt Ion:114 Resp: 3860058
 Ion Ratio Lower Upper
 114 100
 63 25.2 19.6 29.4
 88 17.6 14.2 21.2



#34
 2-Butanone
 Concen: 9.049 ppbv
 RT: 5.26 min Scan# 770
 Delta R.T. 0.01 min
 Lab File: VL037277.D
 Acq: 2 Jul 2021 16:29

Tgt Ion: 43 Resp: 1358479
 Ion Ratio Lower Upper
 43 100
 72 22.6 18.9 28.3





#35

Carbon Tetrachloride

Concen: 10.284 ppbv

RT: 7.04 min Scan# 1322

Delta R.T. 0.01 min

Lab File: VL037277.D

Acq: 2 Jul 2021 16:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

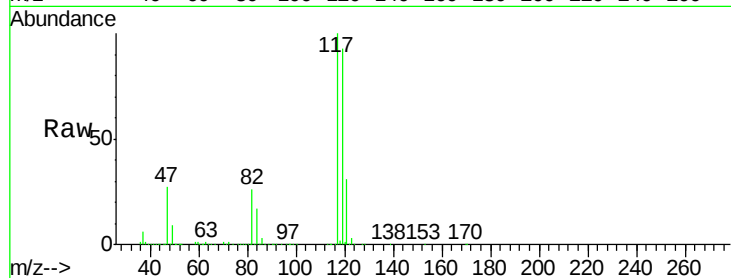
Tgt Ion:117 Resp: 2662538

Ion Ratio Lower Upper

117 100

119 93.5 76.6 114.8

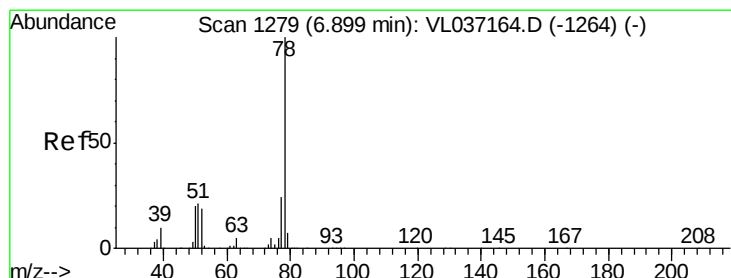
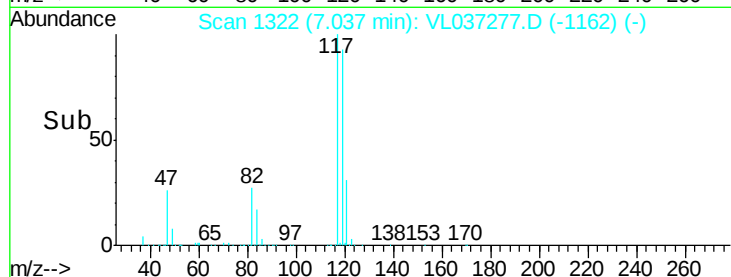
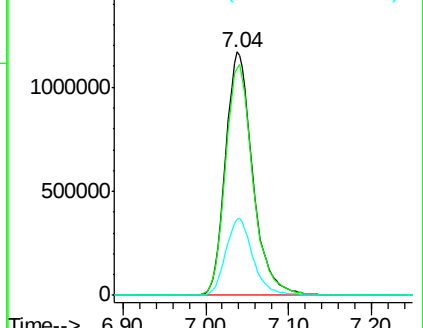
121 31.4 26.4 39.6



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: 9.283 ppbv

RT: 6.91 min Scan# 1283

Delta R.T. 0.01 min

Lab File: VL037277.D

Acq: 2 Jul 2021 16:29

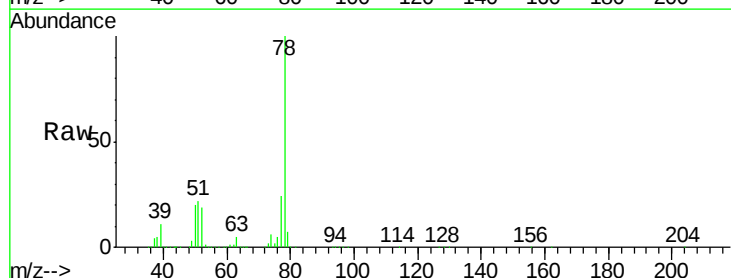
Tgt Ion: 78 Resp: 2897417

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6

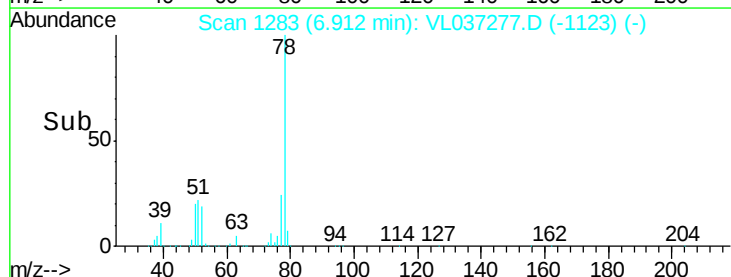
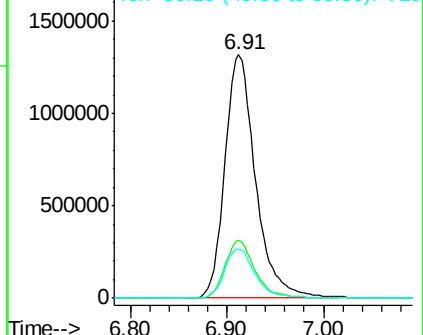
50 20.3 15.7 23.5

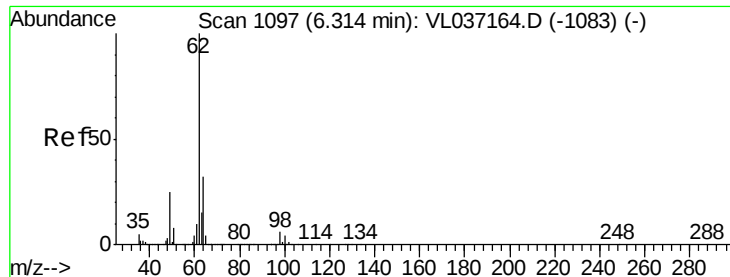


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





#37

1,2-Dichloroethane

Concen: 9.752 ppbv

RT: 6.33 min Scan# 1101

Delta R.T. 0.01 min

Lab File: VL037277.D

Acq: 2 Jul 2021 16:29

Instrument :

MSVOA_L

ClientSampleId :

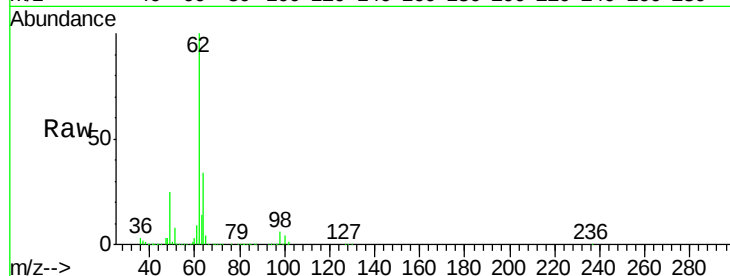
VSTDCCC010EC

Tgt Ion: 62 Resp: 1768232

Ion Ratio Lower Upper

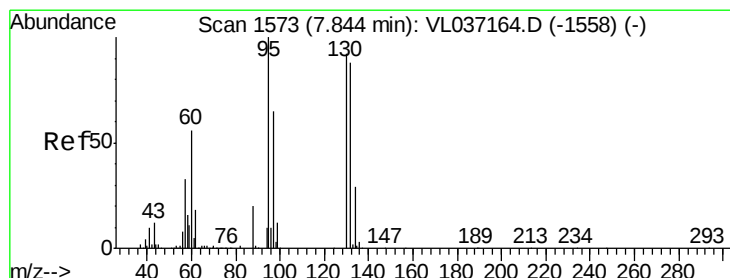
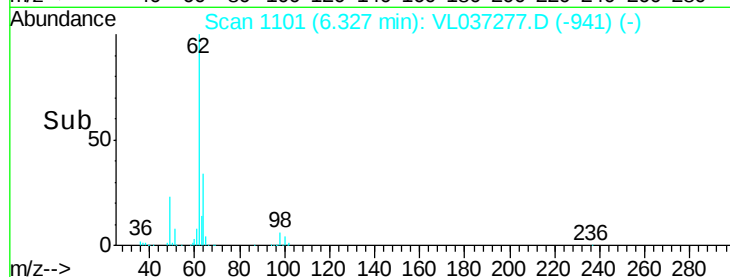
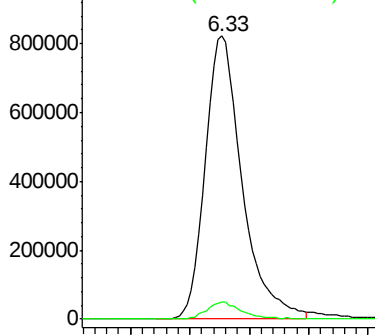
62 100

98 5.9 5.0 7.6



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 98.00 (97.70 to 98.70): VL0



#38

Trichloroethene

Concen: 8.203 ppbv

RT: 7.86 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VL037277.D

Acq: 2 Jul 2021 16:29

Tgt Ion: 130 Resp: 1217125

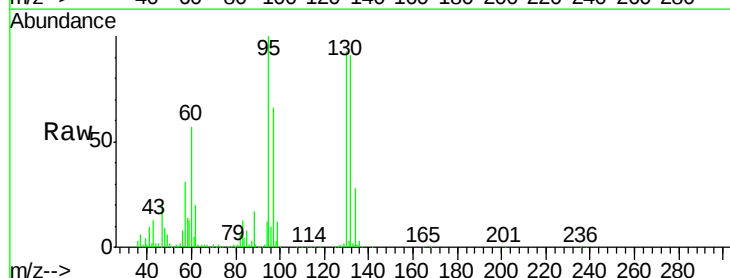
Ion Ratio Lower Upper

130 100

95 108.2 86.6 129.8

132 98.7 76.6 114.8

97 71.1 56.1 84.1

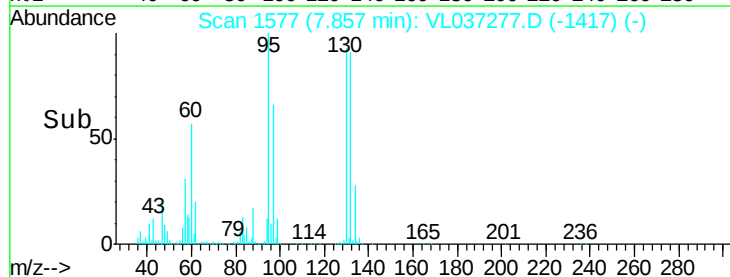
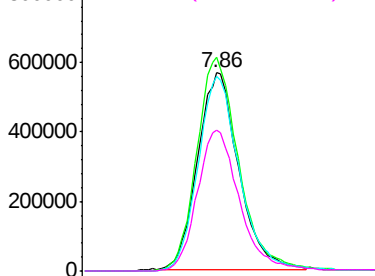


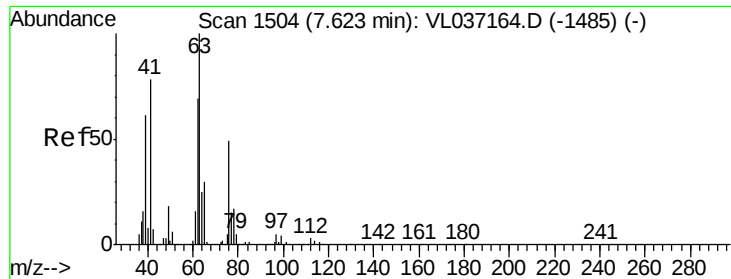
Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0





#39

1,2-Dichloropropane

Concen: 9.415 ppbv

RT: 7.64 min Scan# 1508

Delta R.T. 0.01 min

Lab File: VL037277.D

Acq: 2 Jul 2021 16:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

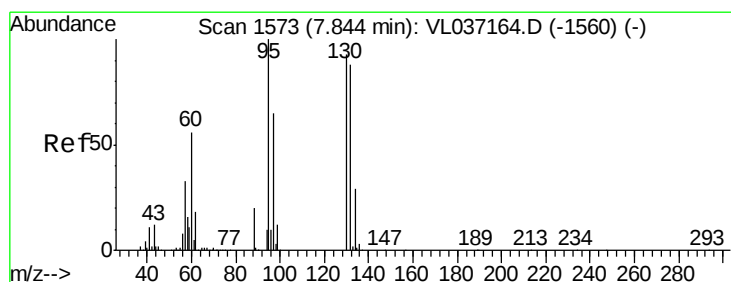
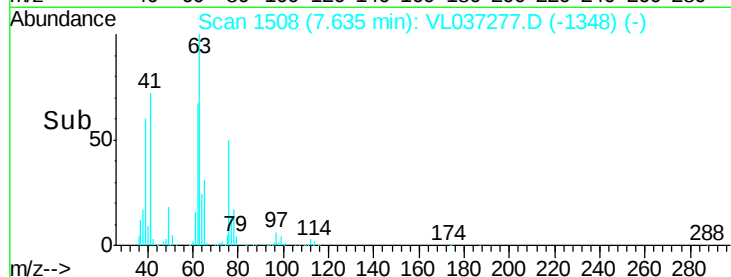
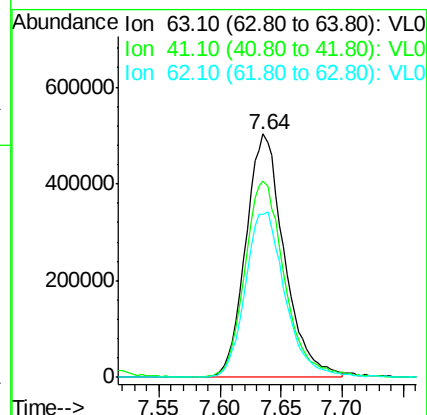
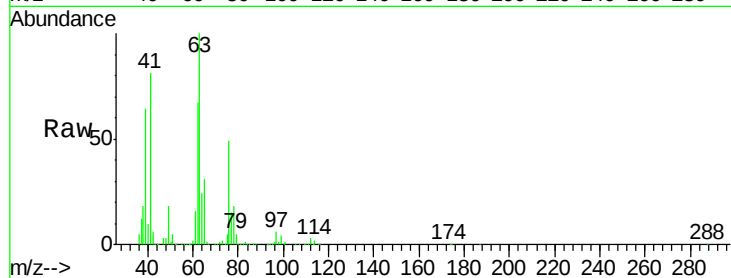
Tgt Ion: 63 Resp: 1091986

Ion Ratio Lower Upper

63 100

41 80.4 62.0 93.0

62 67.2 54.9 82.3



#40

1,4-Dioxane

Concen: 7.847 ppbv

RT: 7.86 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VL037277.D

Acq: 2 Jul 2021 16:29

Tgt Ion: 88 Resp: 249596

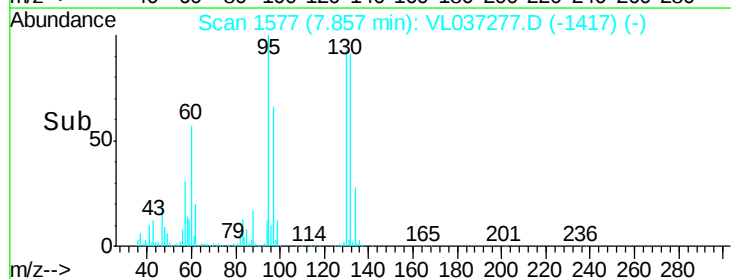
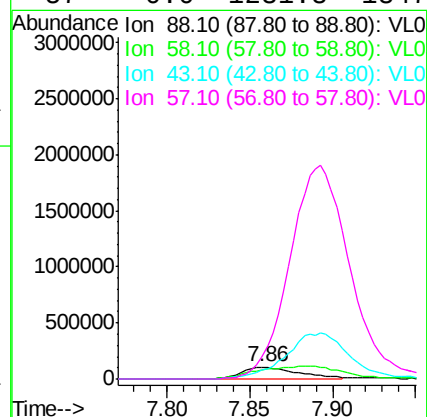
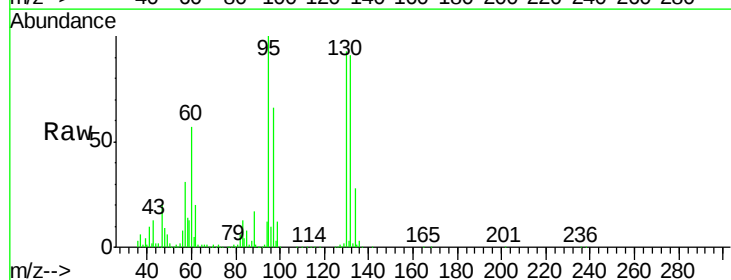
Ion Ratio Lower Upper

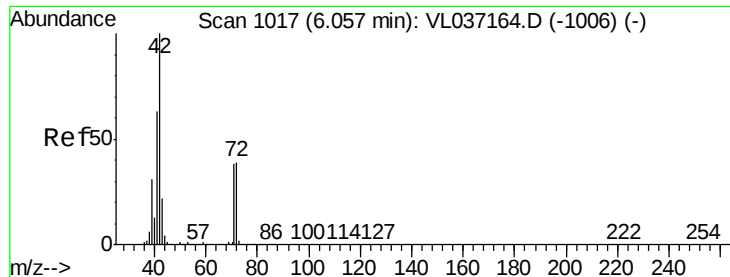
88 100

58 0.0 118.4 177.6#

43 0.0 284.0 426.0#

57 0.0 1231.8 1847.6#





#41

Tetrahydrofuran

Concen: 9.383 ppbv

RT: 6.07 min Scan# 1021

Delta R.T. 0.01 min

Lab File: VL037277.D

Acq: 2 Jul 2021 16:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

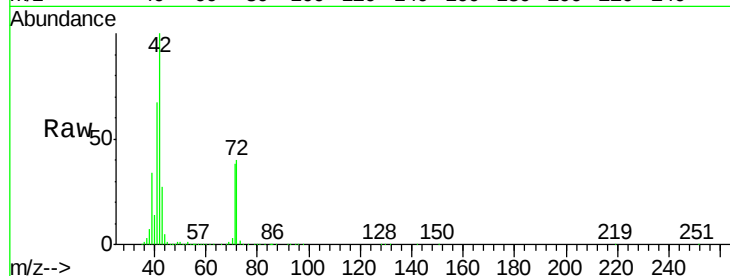
Tgt Ion: 42 Resp: 654281

Ion Ratio Lower Upper

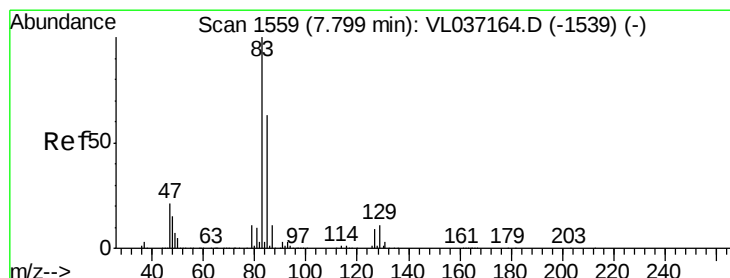
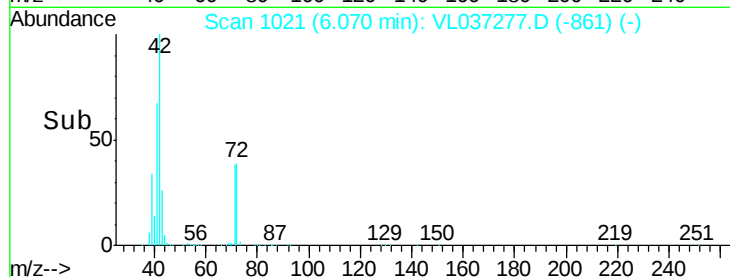
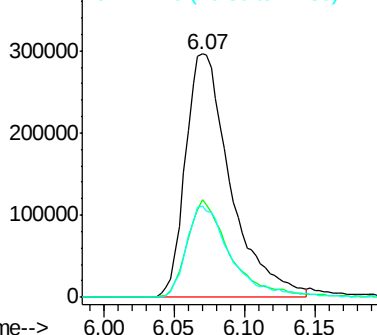
42 100

72 38.6 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: 10.202 ppbv

RT: 7.82 min Scan# 1564

Delta R.T. 0.02 min

Lab File: VL037277.D

Acq: 2 Jul 2021 16:29

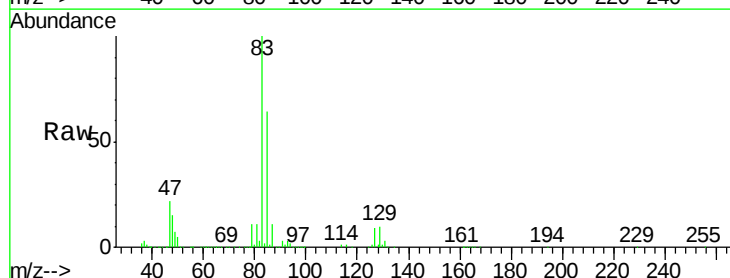
Tgt Ion: 83 Resp: 2552147

Ion Ratio Lower Upper

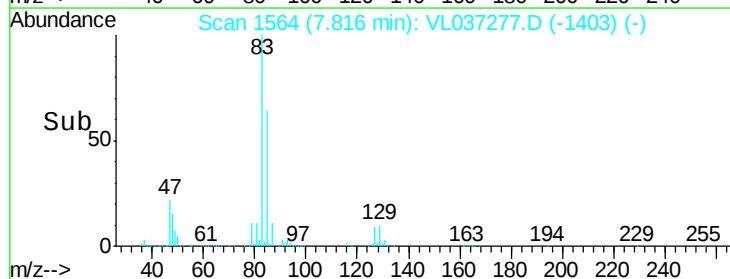
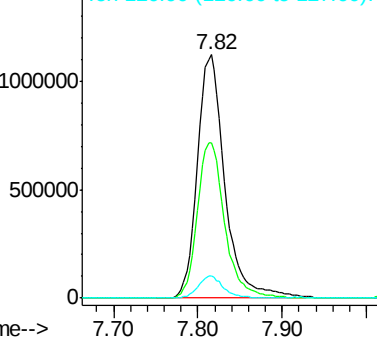
83 100

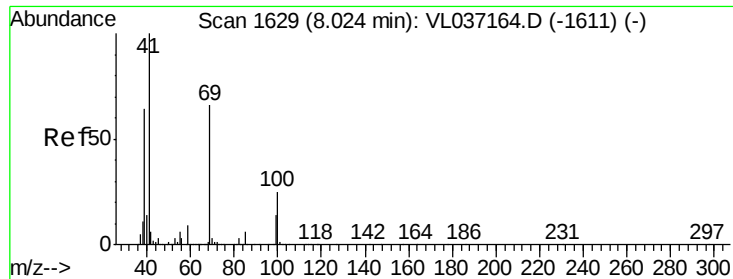
85 63.8 50.8 76.2

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

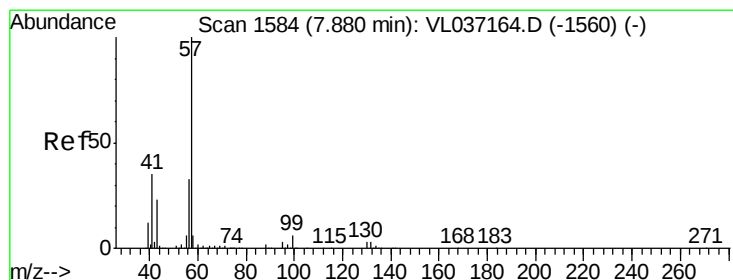
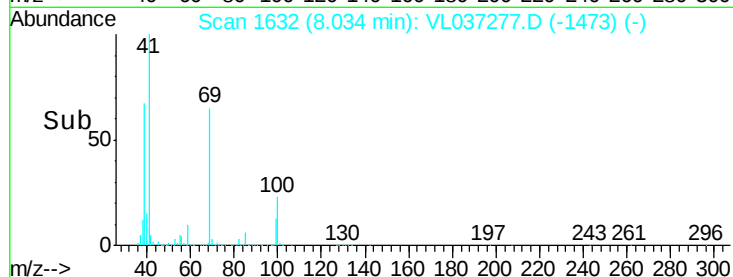
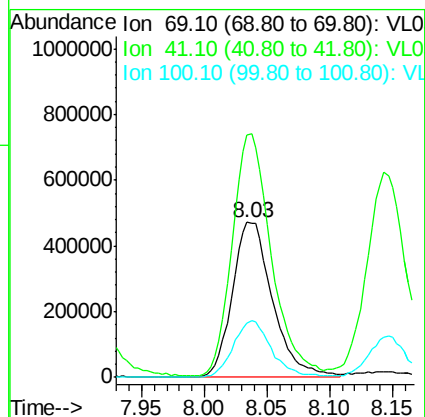
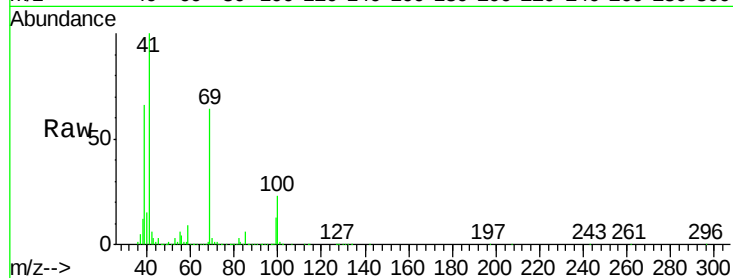




#43
Methyl Methacrylate
Concen: 9.767 ppbv
RT: 8.03 min Scan# 1632
Delta R.T. 0.01 min
Lab File: VL037277.D
Acq: 2 Jul 2021 16:29

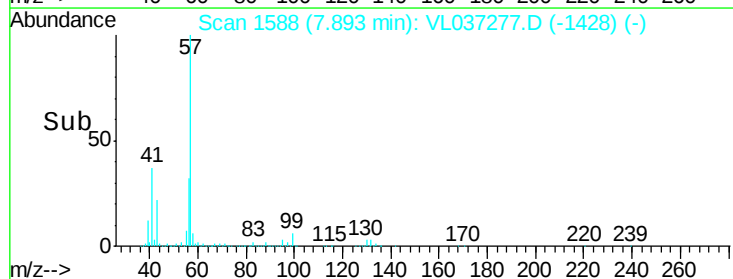
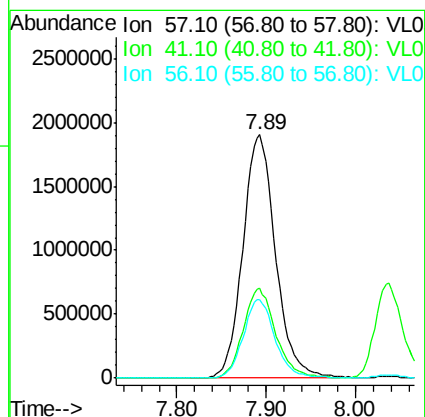
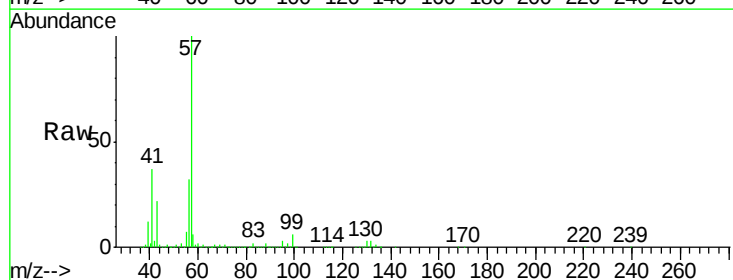
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

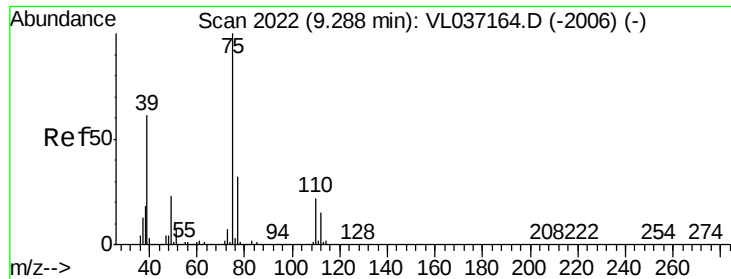
Tgt Ion: 69 Resp: 1052823
Ion Ratio Lower Upper
69 100
41 153.7 119.4 179.0
100 35.4 28.6 43.0



#44
2,2,4-Trimethylpentane
Concen: 9.228 ppbv
RT: 7.89 min Scan# 1588
Delta R.T. 0.01 min
Lab File: VL037277.D
Acq: 2 Jul 2021 16:29

Tgt Ion: 57 Resp: 4850173
Ion Ratio Lower Upper
57 100
41 36.5 27.6 41.4
56 31.5 25.3 37.9

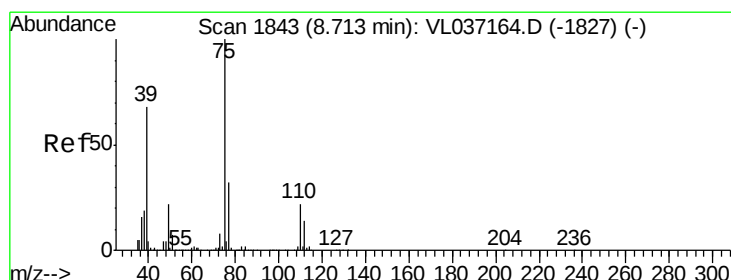
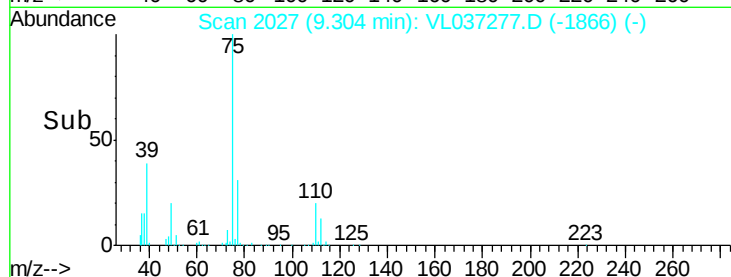
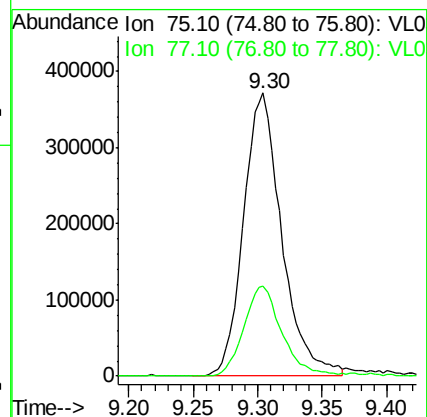
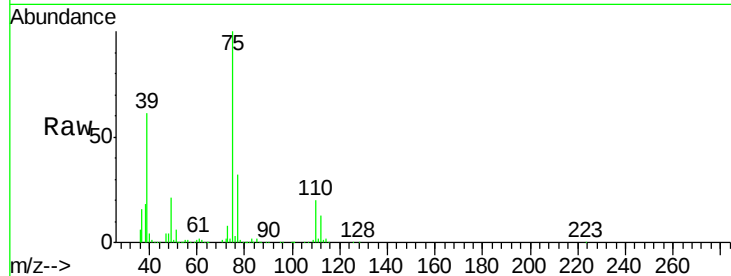




#45
t-1,3-Dichloropropene
Concen: 8.039 ppbv
RT: 9.30 min Scan# 2027
Delta R.T. 0.02 min
Lab File: VL037277.D
Acq: 2 Jul 2021 16:29

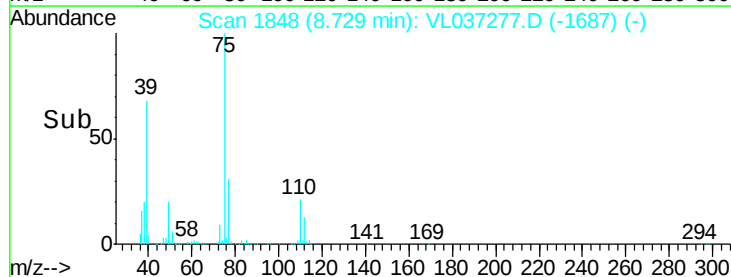
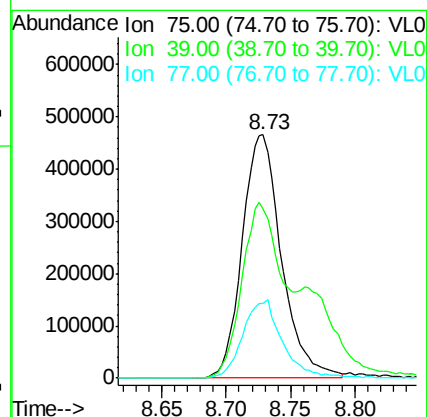
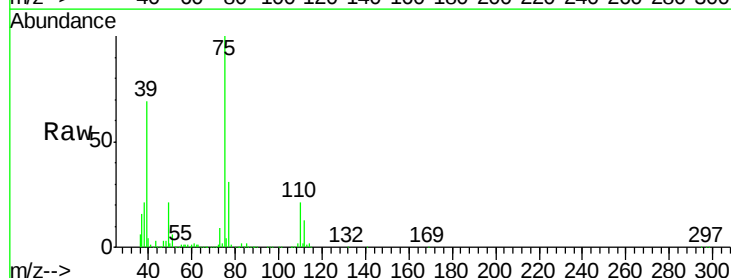
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

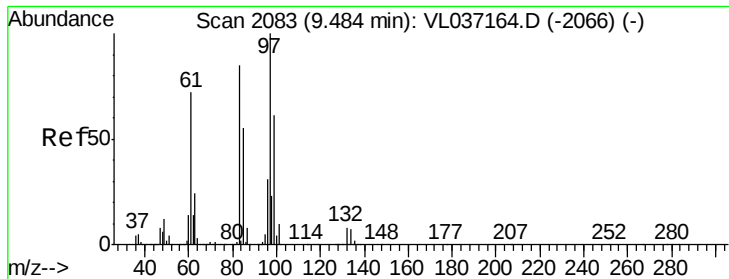
Tgt Ion: 75 Resp: 764528
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4



#46
cis-1,3-Dichloropropene
Concen: 7.582 ppbv
RT: 8.73 min Scan# 1848
Delta R.T. 0.02 min
Lab File: VL037277.D
Acq: 2 Jul 2021 16:29

Tgt Ion: 75 Resp: 986502
Ion Ratio Lower Upper
75 100
39 69.1 54.7 82.1
77 30.8 25.8 38.8

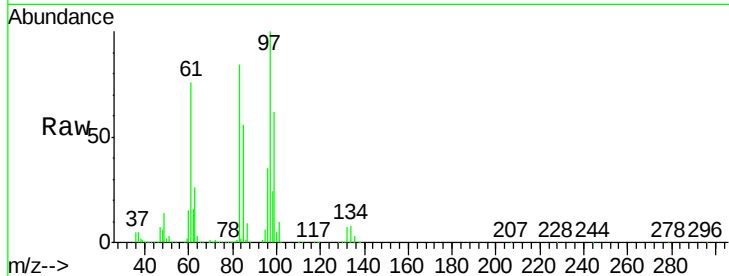




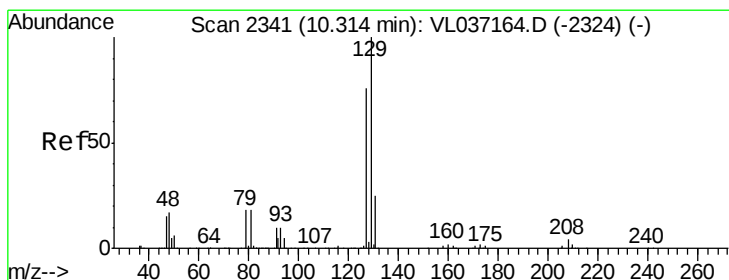
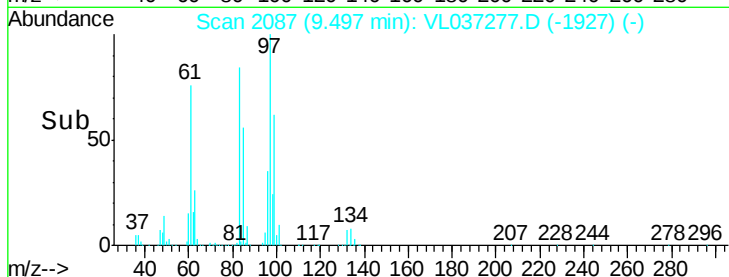
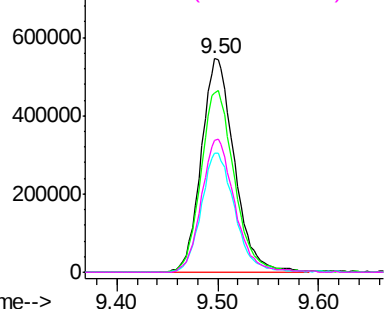
#47
 1,1,2-Trichloroethane
 Concen: 9.394 ppbv
 RT: 9.50 min Scan# 2087
 Delta R.T. 0.01 min
 Lab File: VL037277.D
 Acq: 2 Jul 2021 16:29

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 97 Resp: 1243054
 Ion Ratio Lower Upper
 97 100
 83 84.0 68.3 102.5
 85 55.6 44.1 66.1
 99 61.5 48.6 72.8

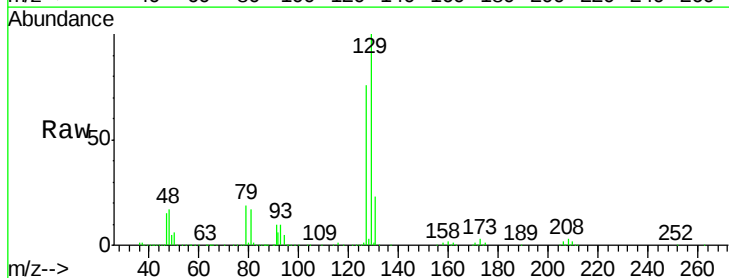


Abundance Ion 97.00 (96.70 to 97.70): VL0
 Ion 83.00 (82.70 to 83.70): VL0
 Ion 85.00 (84.70 to 85.70): VL0
 Ion 99.00 (98.70 to 99.70): VL0

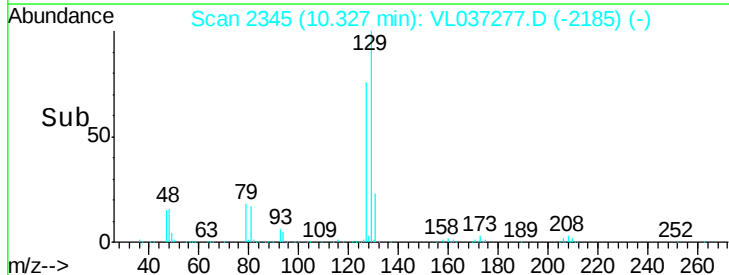
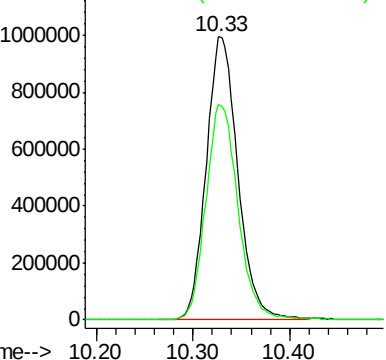


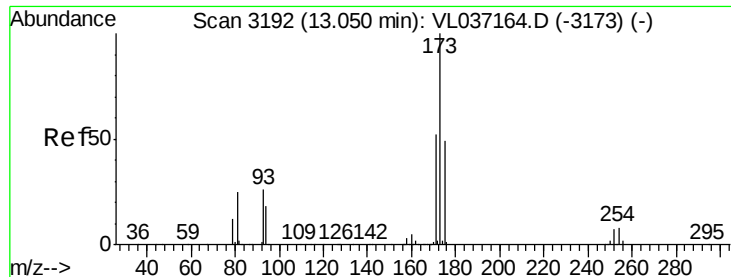
#48
 Dibromochloromethane
 Concen: 10.836 ppbv
 RT: 10.33 min Scan# 2345
 Delta R.T. 0.01 min
 Lab File: VL037277.D
 Acq: 2 Jul 2021 16:29

Tgt Ion: 129 Resp: 2263418
 Ion Ratio Lower Upper
 129 100
 127 77.3 39.1 117.2



Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 11.519 ppbv

RT: 13.07 min Scan# 3197

Delta R.T. 0.02 min

Lab File: VL037277.D

Acq: 2 Jul 2021 16:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

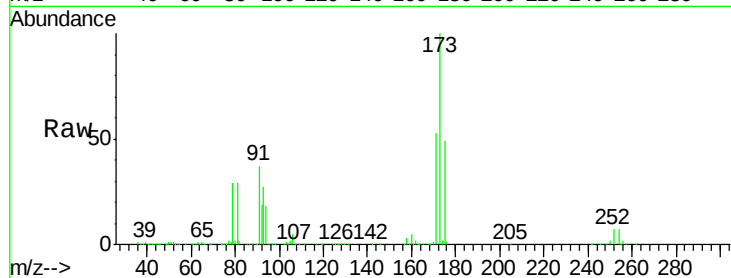
Tgt Ion:173 Resp: 1792613

Ion Ratio Lower Upper

173 100

175 51.1 40.2 60.4

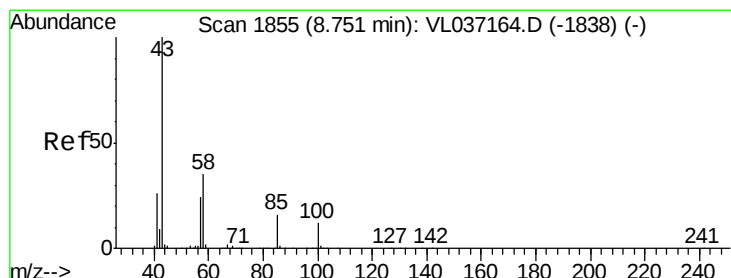
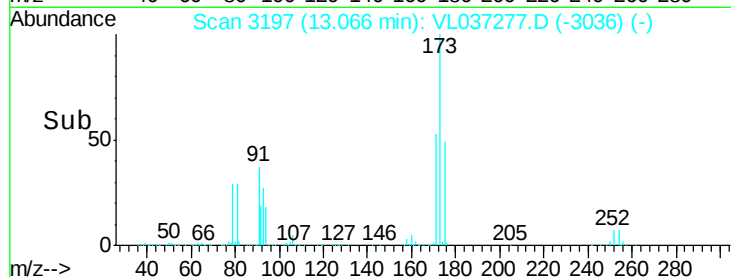
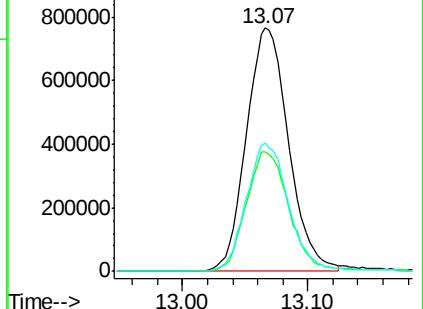
171 53.8 41.8 62.8



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: 10.300 ppbv

RT: 8.76 min Scan# 1859

Delta R.T. 0.01 min

Lab File: VL037277.D

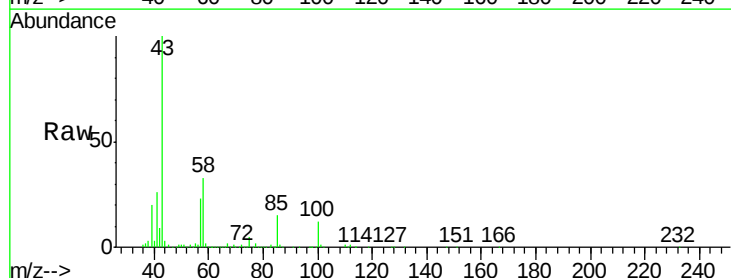
Acq: 2 Jul 2021 16:29

Tgt Ion: 43 Resp: 2123874

Ion Ratio Lower Upper

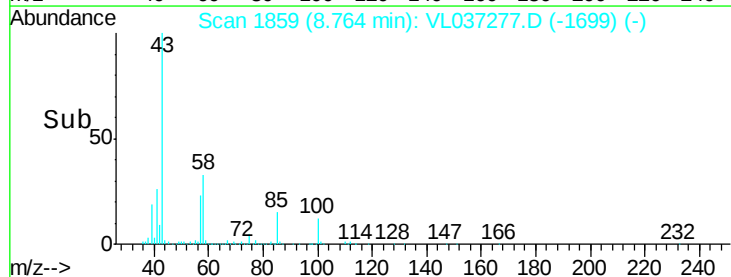
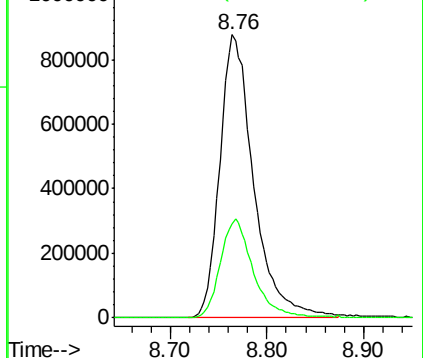
43 100

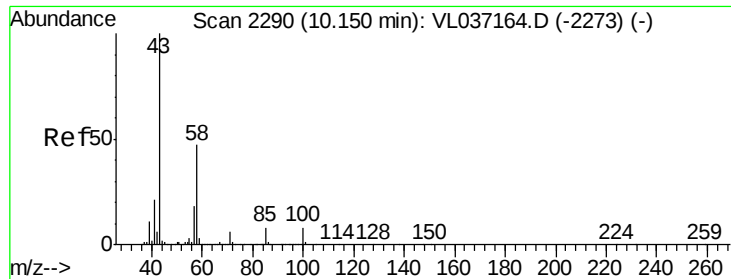
58 34.6 28.4 42.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

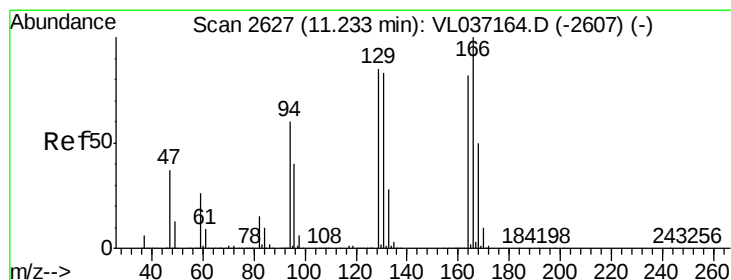
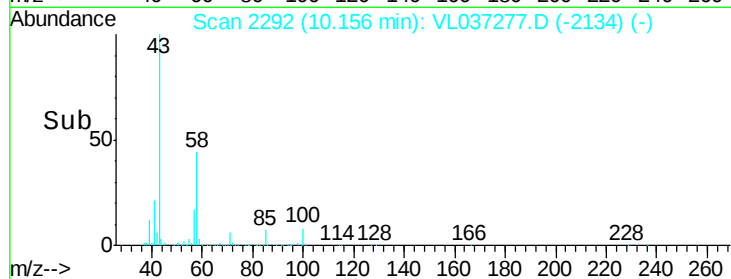
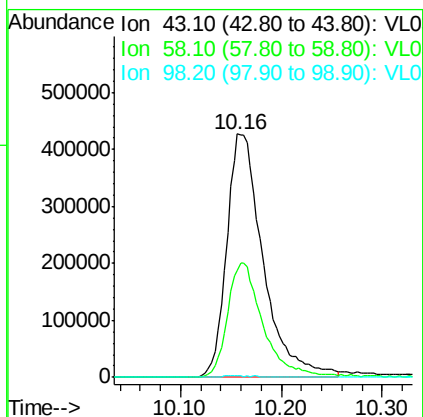
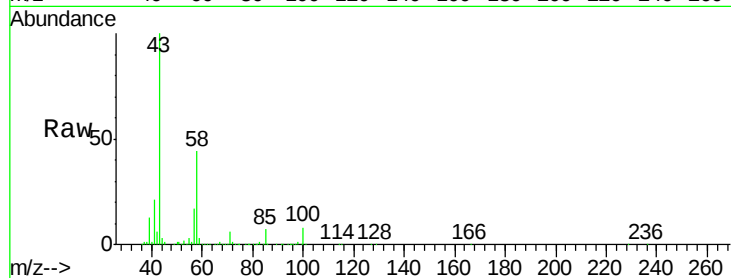




#51
2-Hexanone
Concen: 10.713 ppbv
RT: 10.16 min Scan# 2292
Delta R.T. 0.01 min
Lab File: VL037277.D
Acq: 2 Jul 2021 16:29

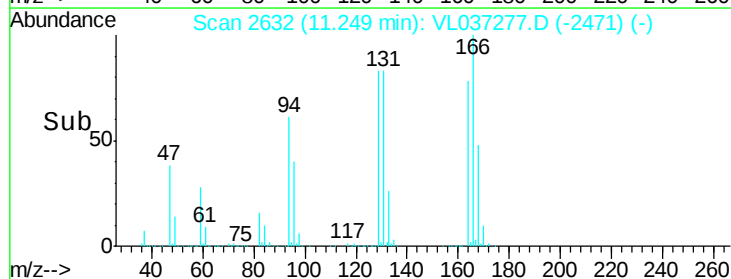
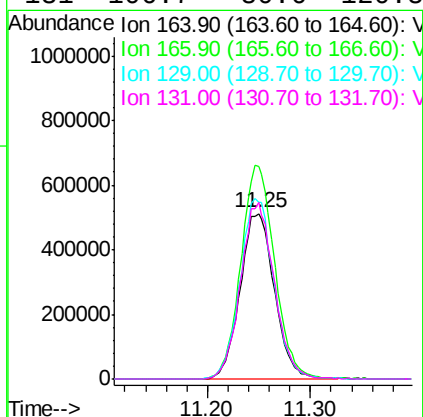
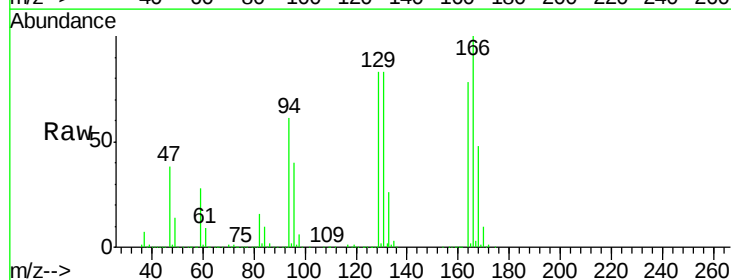
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

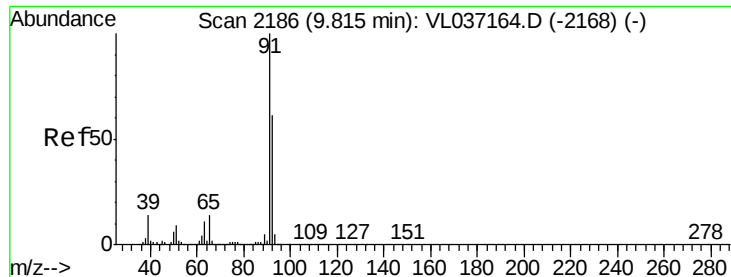
Tgt Ion: 43 Resp: 1074813
Ion Ratio Lower Upper
43 100
58 46.3 38.4 57.6
98 0.7 0.3 0.5#



#52
Tetrachloroethene
Concen: 8.147 ppbv
RT: 11.25 min Scan# 2632
Delta R.T. 0.02 min
Lab File: VL037277.D
Acq: 2 Jul 2021 16:29

Tgt Ion: 164 Resp: 1181696
Ion Ratio Lower Upper
164 100
166 128.3 97.6 146.4
129 106.4 82.9 124.3
131 106.7 80.6 120.8





#53

Toluene

Concen: 9.305 ppbv

RT: 9.83 min Scan# 2190

Delta R.T. 0.01 min

Lab File: VL037277.D

Acq: 2 Jul 2021 16:29

Instrument :

MSVOA_L

ClientSampleId :

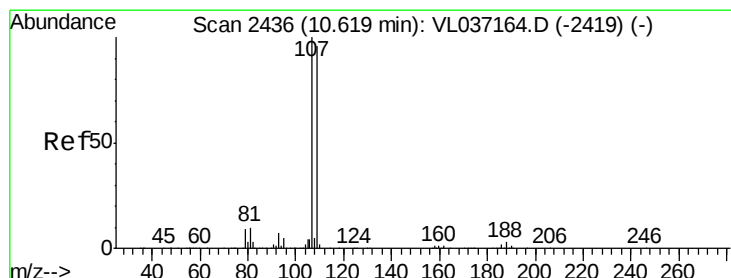
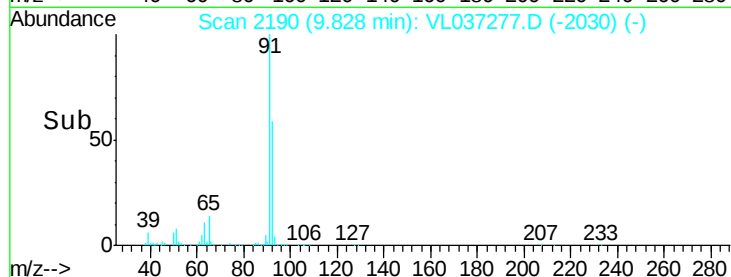
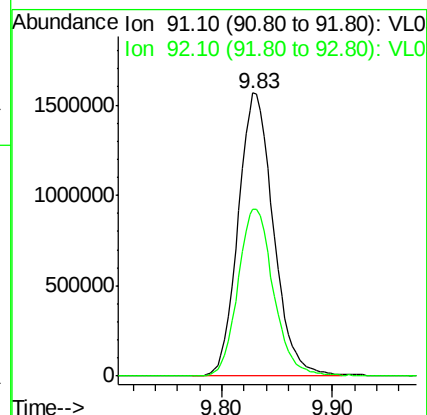
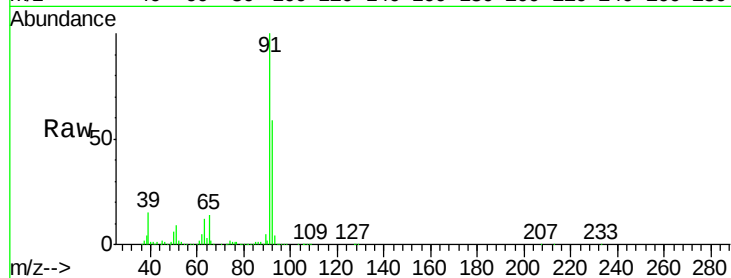
VSTDCCC010EC

Tgt Ion: 91 Resp: 3469486

Ion Ratio Lower Upper

91 100

92 59.9 48.3 72.5



#54

1,2-Dibromoethane

Concen: 9.750 ppbv

RT: 10.64 min Scan# 2441

Delta R.T. 0.02 min

Lab File: VL037277.D

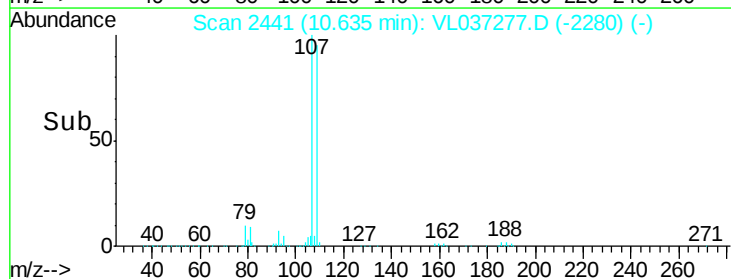
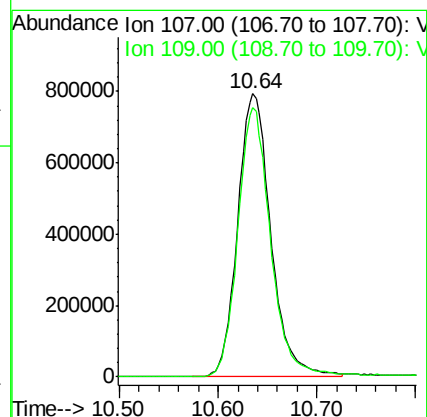
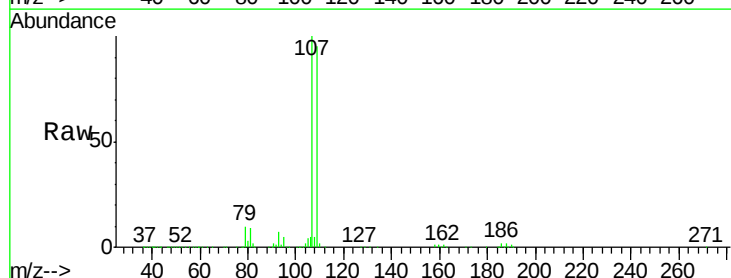
Acq: 2 Jul 2021 16:29

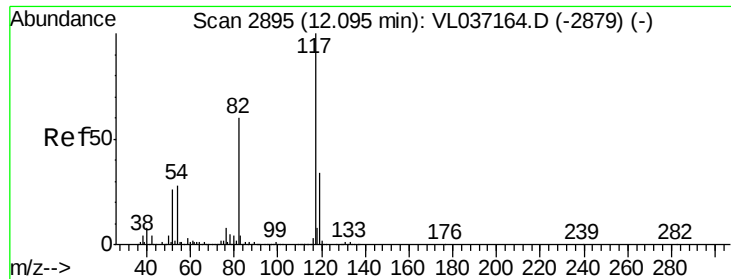
Tgt Ion: 107 Resp: 1854125

Ion Ratio Lower Upper

107 100

109 95.2 77.0 115.6

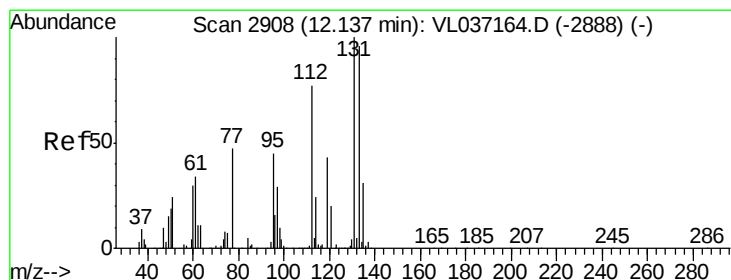
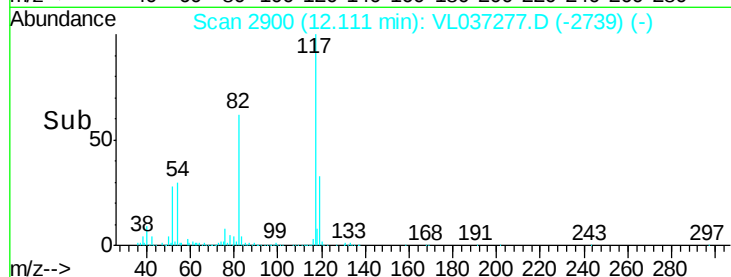
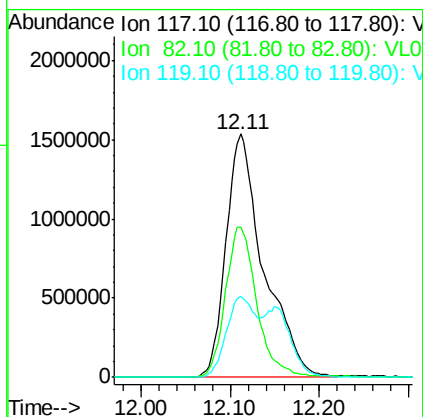
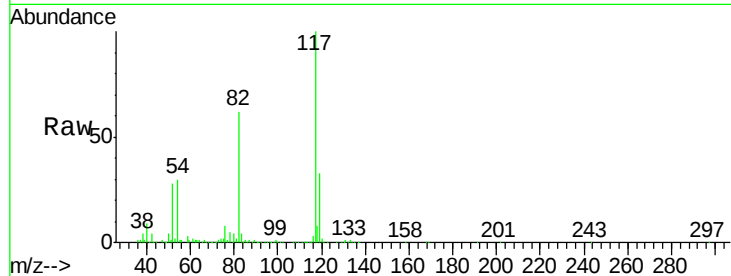




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.02 min
Lab File: VL037277.D
Acq: 2 Jul 2021 16:29

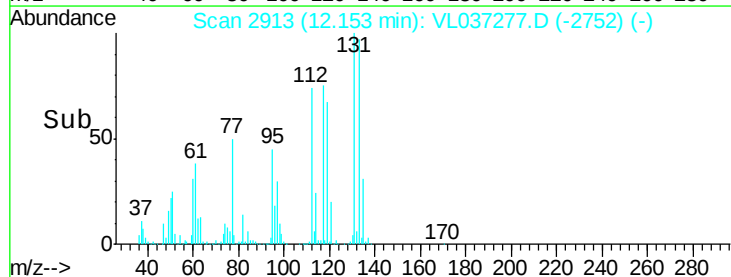
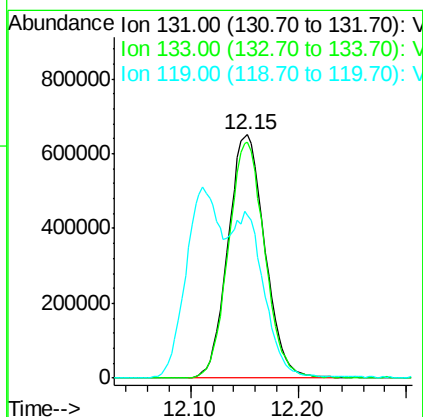
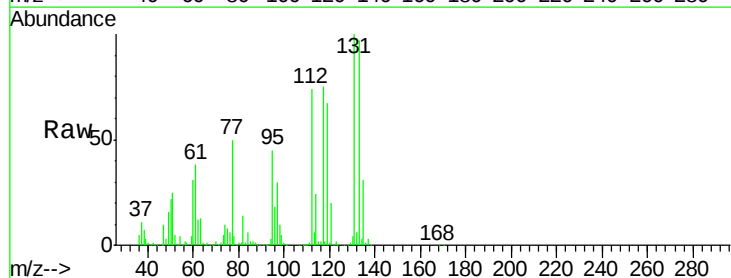
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

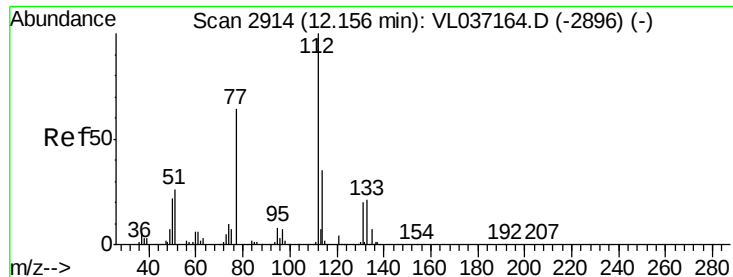
Tgt Ion:117 Resp: 4496608
Ion Ratio Lower Upper
117 100
82 51.8 51.7 77.5
119 47.4 47.6 71.4#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.854 ppbv
RT: 12.15 min Scan# 2913
Delta R.T. 0.02 min
Lab File: VL037277.D
Acq: 2 Jul 2021 16:29

Tgt Ion:131 Resp: 1544141
Ion Ratio Lower Upper
131 100
133 96.1 76.5 114.7
119 60.8 48.6 72.8





#57

Chlorobenzene

Concen: 7.327 ppbv

RT: 12.17 min Scan# 2919

Delta R.T. 0.02 min

Lab File: VL037277.D

Acq: 2 Jul 2021 16:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

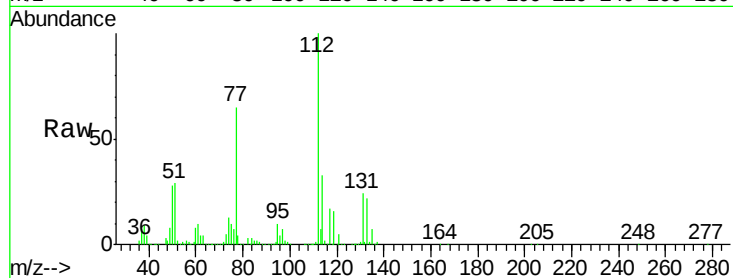
Tgt Ion: 112 Resp: 2672122

Ion Ratio Lower Upper

112 100

77 64.6 52.2 78.4

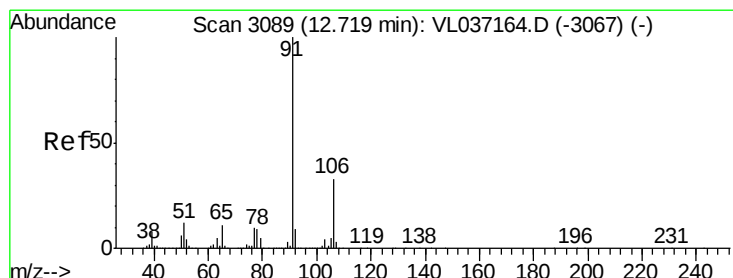
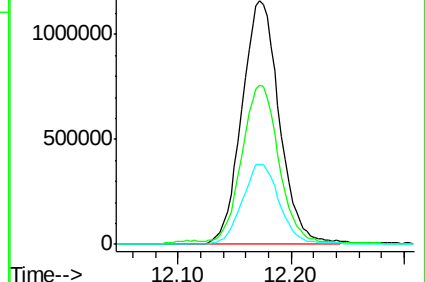
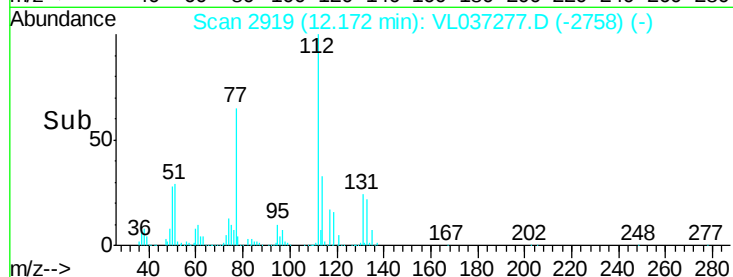
114 32.7 31.1 38.1



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: 7.593 ppbv

RT: 12.73 min Scan# 3094

Delta R.T. 0.02 min

Lab File: VL037277.D

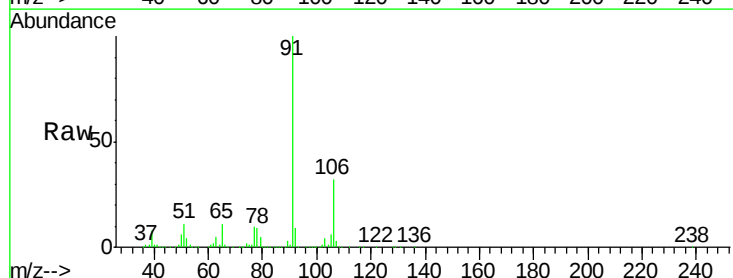
Acq: 2 Jul 2021 16:29

Tgt Ion: 91 Resp: 4700100

Ion Ratio Lower Upper

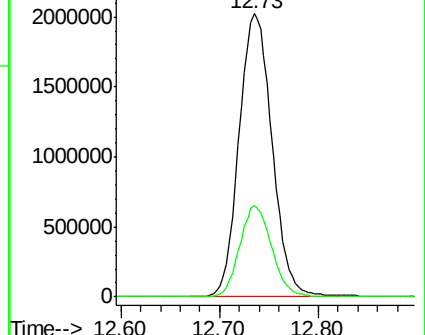
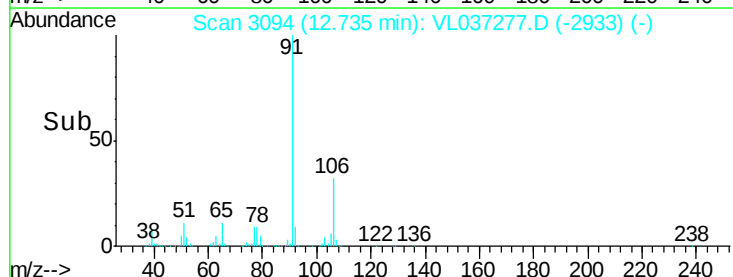
91 100

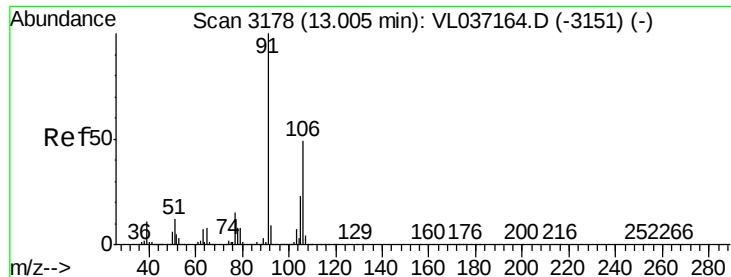
106 32.2 26.3 39.5



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

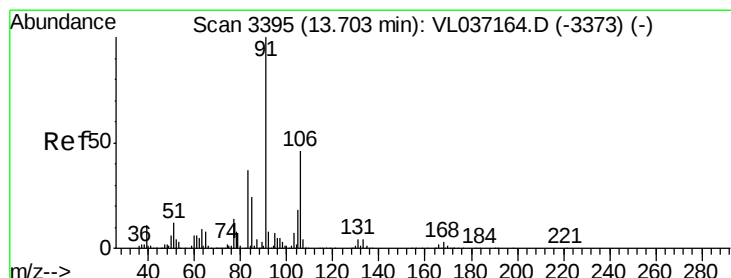
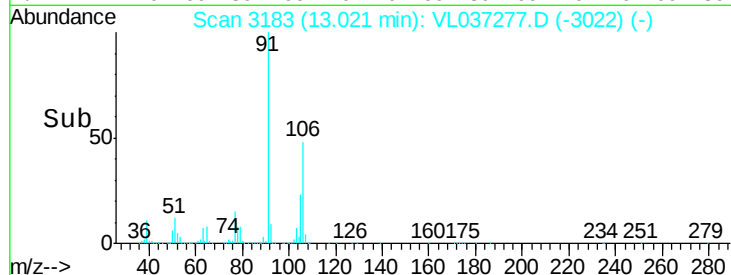
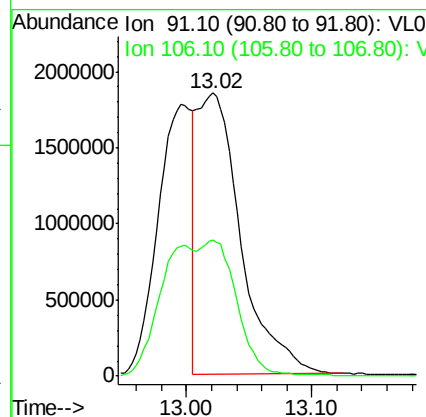
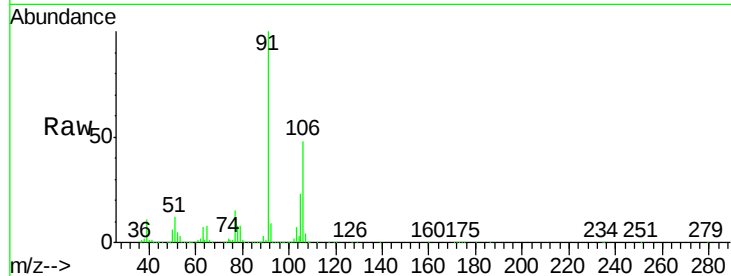




#59
m/p-Xylene
Concen: 8.521 ppbv
RT: 13.02 min Scan# 3183
Delta R.T. 0.02 min
Lab File: VL037277.D
Acq: 2 Jul 2021 16:29

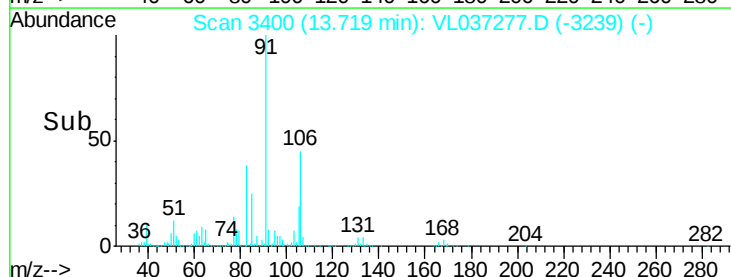
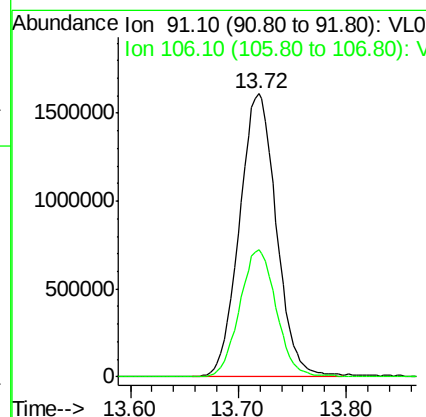
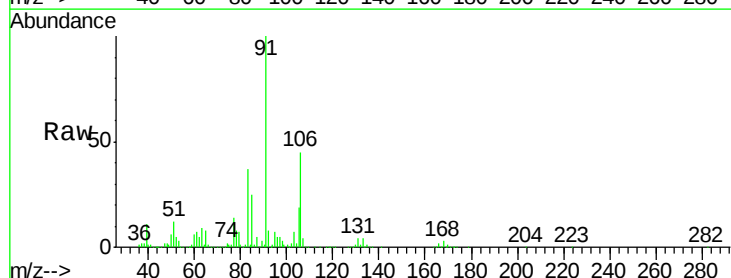
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

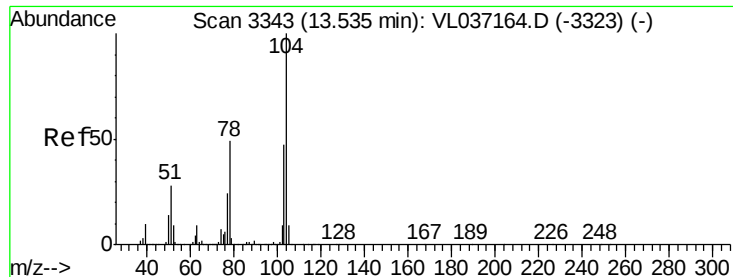
Tgt Ion: 91 Resp: 4470205
Ion Ratio Lower Upper
91 100
106 80.2 37.0 55.4#



#60
o-Xylene
Concen: 7.658 ppbv
RT: 13.72 min Scan# 3400
Delta R.T. 0.02 min
Lab File: VL037277.D
Acq: 2 Jul 2021 16:29

Tgt Ion: 91 Resp: 3825222
Ion Ratio Lower Upper
91 100
106 45.1 23.0 69.0

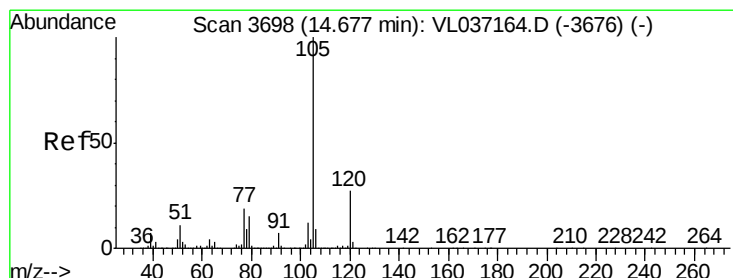
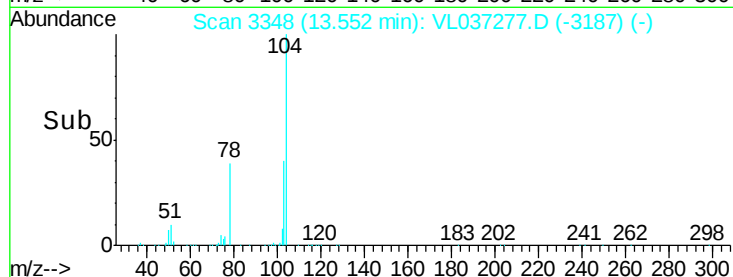
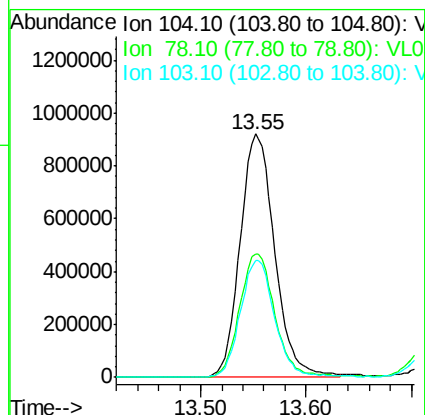
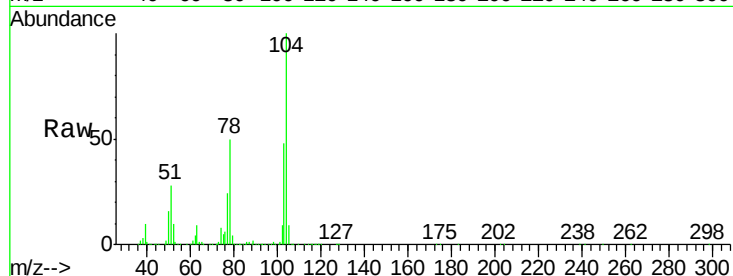




#61
Styrene
Concen: 8.155 ppbv
RT: 13.55 min Scan# 3348
Delta R.T. 0.02 min
Lab File: VL037277.D
Acq: 2 Jul 2021 16:29

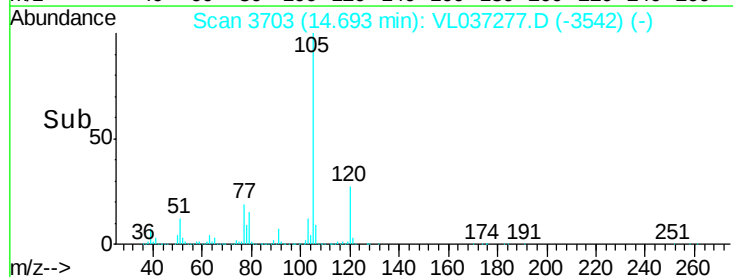
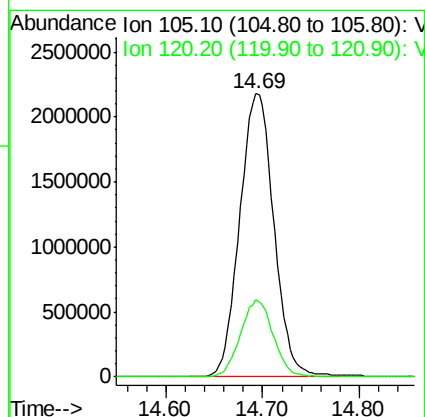
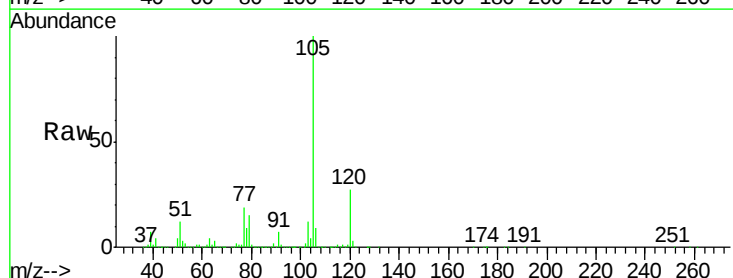
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

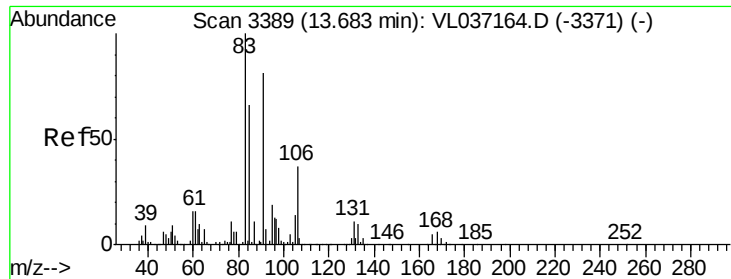
Tgt Ion:104 Resp: 2102218
Ion Ratio Lower Upper
104 100
78 51.7 39.7 59.5
103 48.1 37.6 56.4



#62
Isopropylbenzene
Concen: 7.526 ppbv
RT: 14.69 min Scan# 3703
Delta R.T. 0.02 min
Lab File: VL037277.D
Acq: 2 Jul 2021 16:29

Tgt Ion:105 Resp: 5345441
Ion Ratio Lower Upper
105 100
120 26.4 21.6 32.4

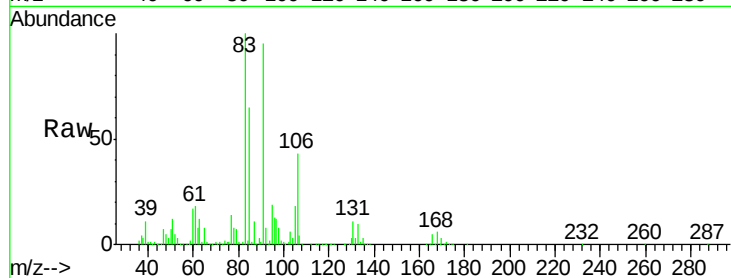




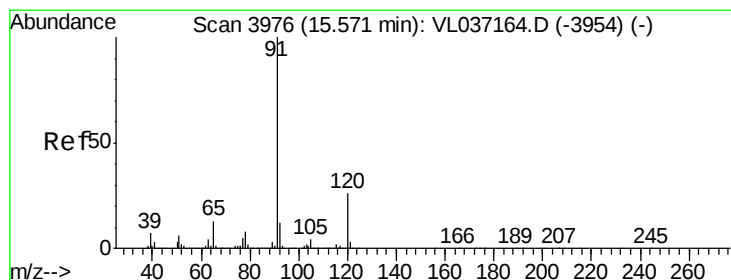
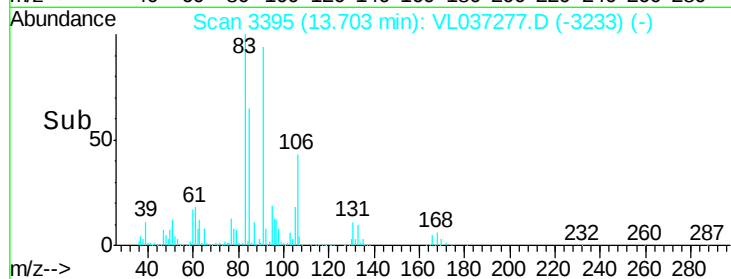
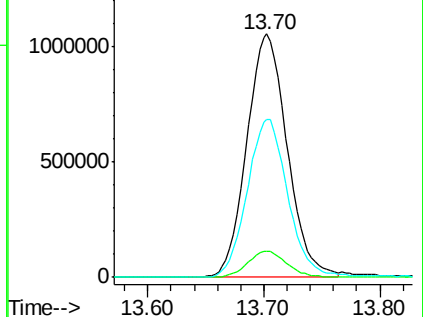
#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.669 ppbv
 RT: 13.70 min Scan# 3395
 Delta R.T. 0.02 min
 Lab File: VL037277.D
 Acq: 2 Jul 2021 16:29

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 83 Resp: 2550530
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.4 16.2
 85 66.3 33.1 99.2

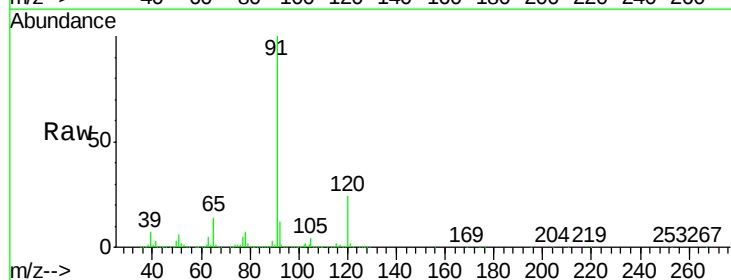


Abundance Ion 83.00 (82.70 to 83.70): VL0
 Ion 131.00 (130.70 to 131.70): V
 Ion 85.00 (84.70 to 85.70): VL0

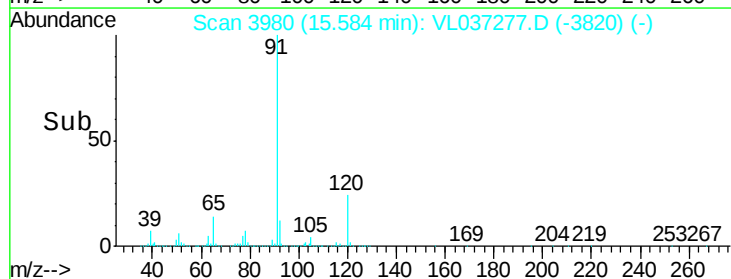
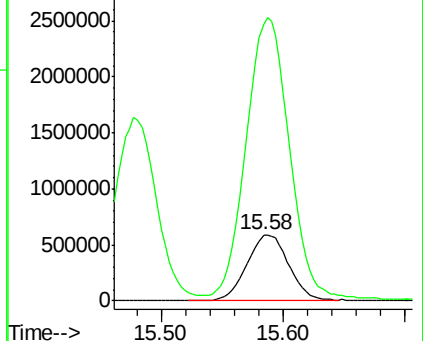


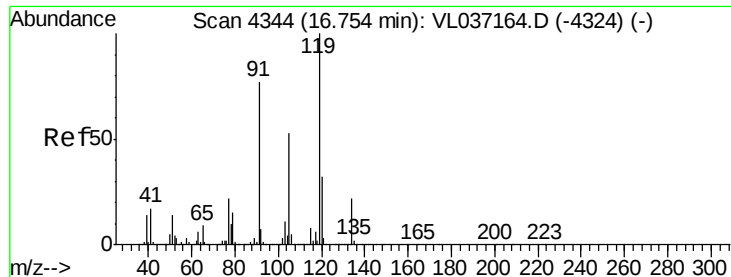
#64
 n-propylbenzene
 Concen: 7.830 ppbv
 RT: 15.58 min Scan# 3980
 Delta R.T. 0.01 min
 Lab File: VL037277.D
 Acq: 2 Jul 2021 16:29

Tgt Ion: 120 Resp: 1392741
 Ion Ratio Lower Upper
 120 100
 91 451.8 343.3 514.9



Abundance Ion 120.20 (119.90 to 120.90): V
 Ion 91.10 (90.80 to 91.80): VL0





#65

tert-Butylbenzene

Concen: 7.651 ppbv

RT: 16.77 min Scan# 4350

Delta R.T. 0.02 min

Lab File: VL037277.D

Acq: 2 Jul 2021 16:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

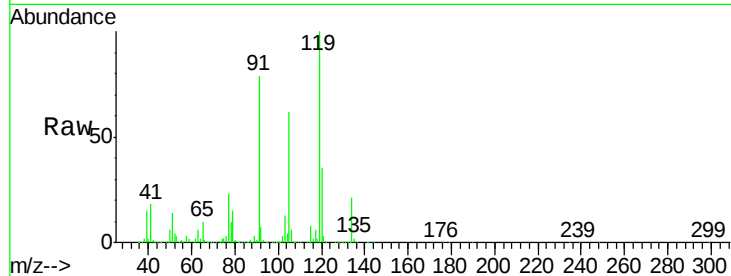
Tgt Ion: 119 Resp: 4820091

Ion Ratio Lower Upper

119 100

91 80.0 62.6 93.8

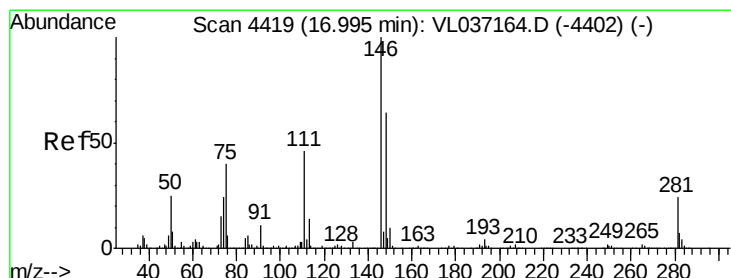
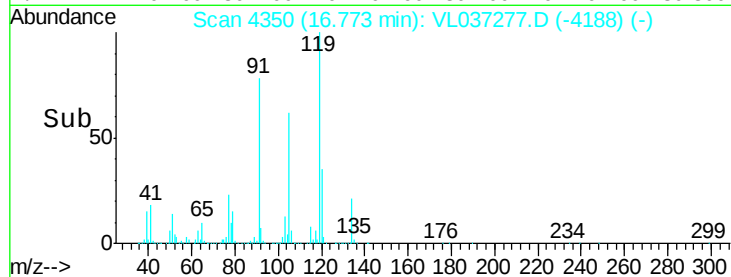
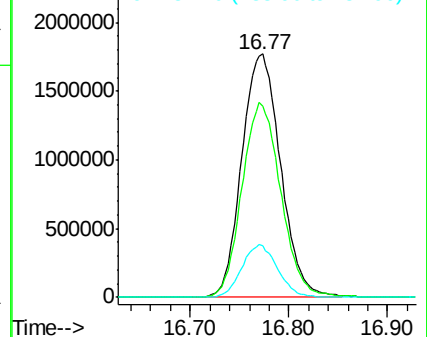
134 20.1 16.2 24.4



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: 6.988 ppbv

RT: 17.02 min Scan# 4426

Delta R.T. 0.02 min

Lab File: VL037277.D

Acq: 2 Jul 2021 16:29

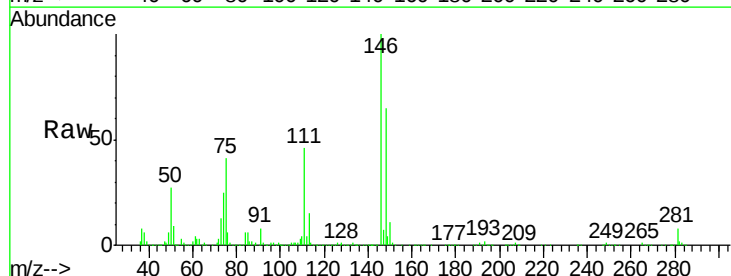
Tgt Ion: 91 Resp: 186561

Ion Ratio Lower Upper

91 100

126 16.8 15.5 23.3

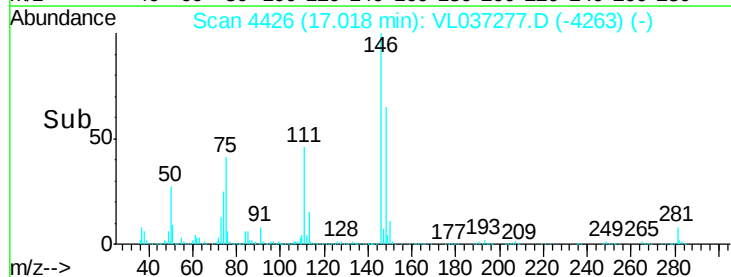
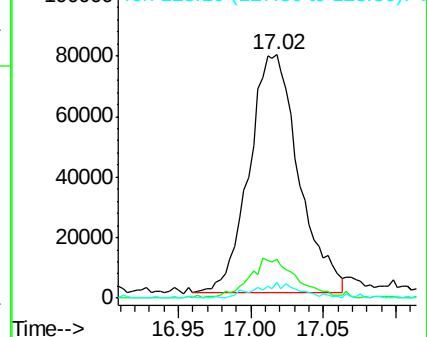
128 6.0 5.7 8.5

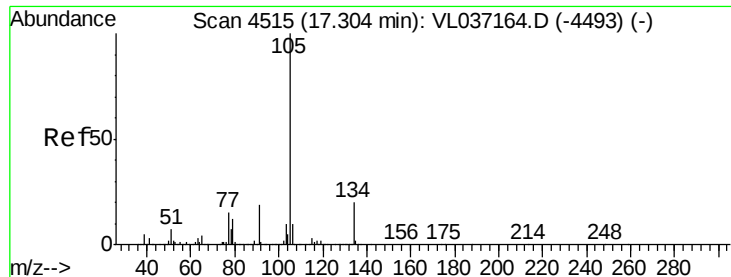


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 7.723 ppbv

RT: 17.32 min Scan# 4521

Delta R.T. 0.02 min

Lab File: VL037277.D

Acq: 2 Jul 2021 16:29

Instrument :

MSVOA_L

ClientSampleId :

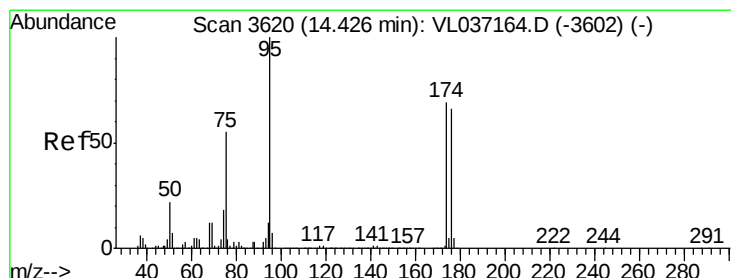
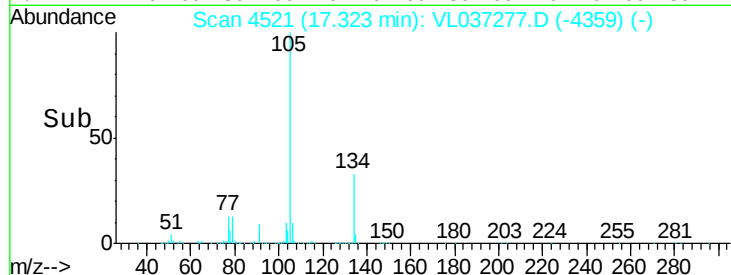
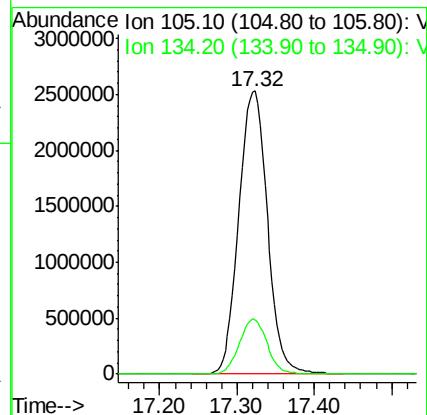
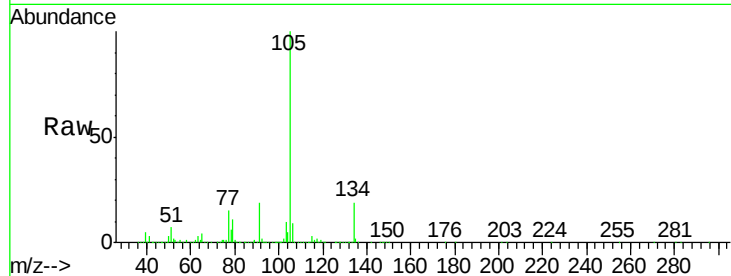
VSTDCCC010EC

Tgt Ion:105 Resp: 6487438

Ion Ratio Lower Upper

105 100

134 19.0 15.8 23.6



#68

1-Bromo-4-Fluorobenzene

Concen: 8.373 ppbv

RT: 14.44 min Scan# 3624

Delta R.T. 0.01 min

Lab File: VL037277.D

Acq: 2 Jul 2021 16:29

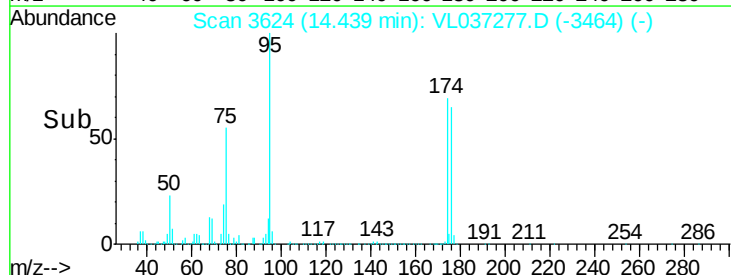
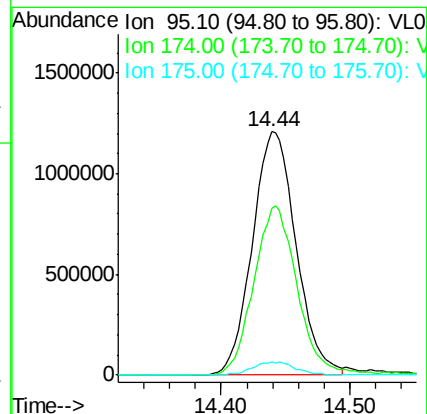
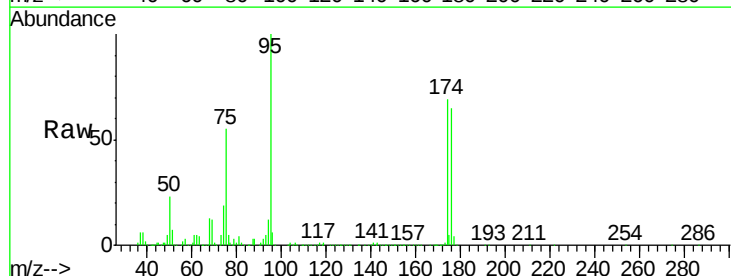
Tgt Ion: 95 Resp: 2852886

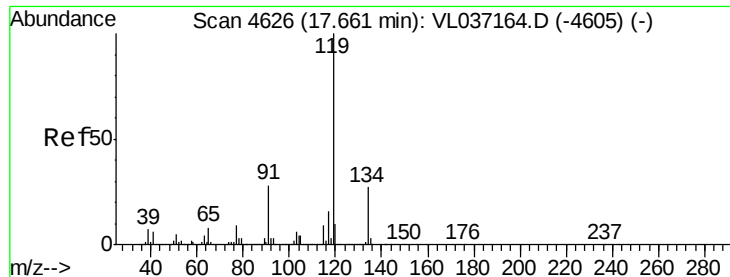
Ion Ratio Lower Upper

95 100

174 70.5 57.0 85.4

175 5.4 4.4 6.6

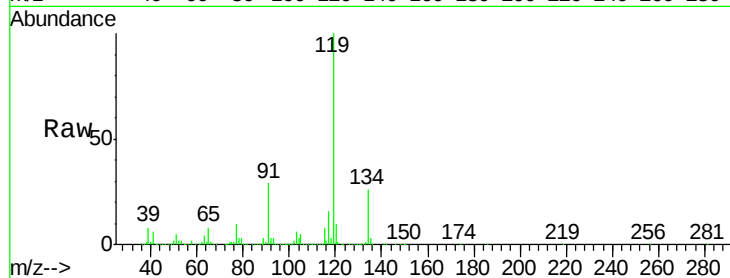




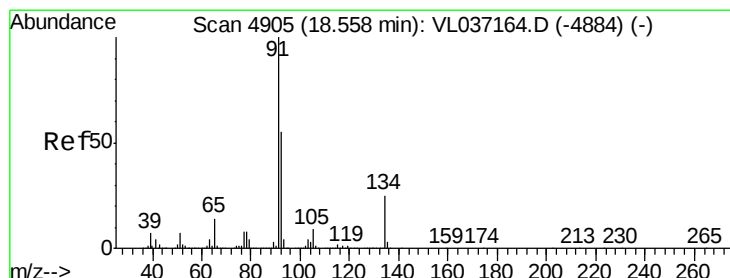
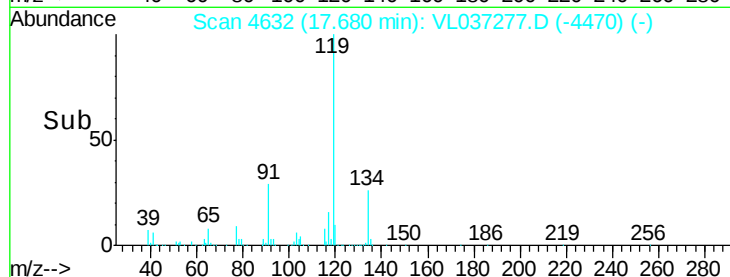
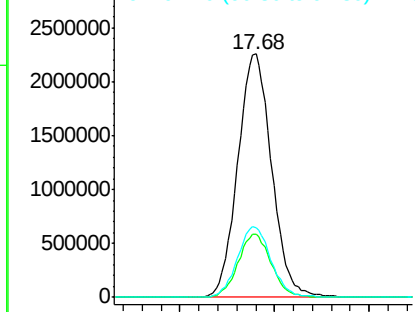
#69
p-Isopropyltoluene
Concen: 7.899 ppbv
RT: 17.68 min Scan# 4632
Delta R.T. 0.02 min
Lab File: VL037277.D
Acq: 2 Jul 2021 16:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 119 Resp: 5604574
Ion Ratio Lower Upper
119 100
134 25.6 20.9 31.3
91 28.7 22.6 34.0

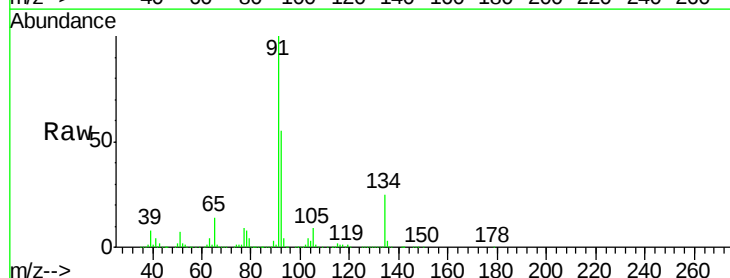


Abundance Ion 119.10 (118.80 to 119.80): V
Ion 134.20 (133.90 to 134.90): V
Ion 91.10 (90.80 to 91.80): V

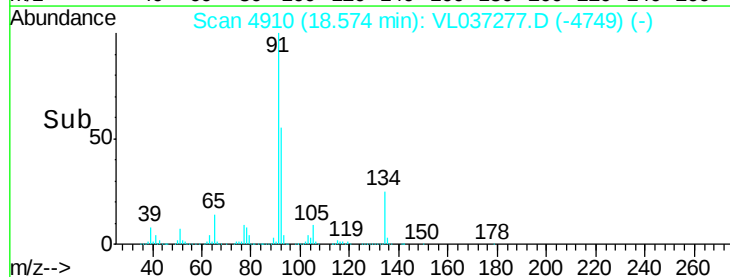
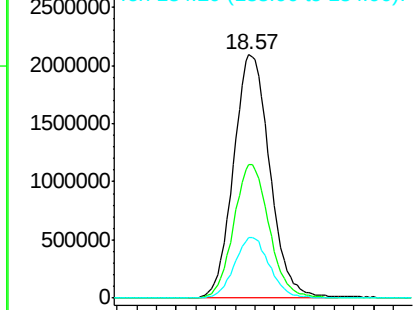


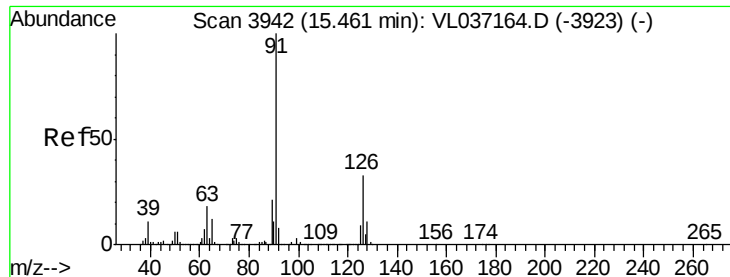
#70
n-Butylbenzene
Concen: 8.121 ppbv
RT: 18.57 min Scan# 4910
Delta R.T. 0.02 min
Lab File: VL037277.D
Acq: 2 Jul 2021 16:29

Tgt Ion: 91 Resp: 5332888
Ion Ratio Lower Upper
91 100
92 53.9 44.0 66.0
134 24.3 20.2 30.4



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

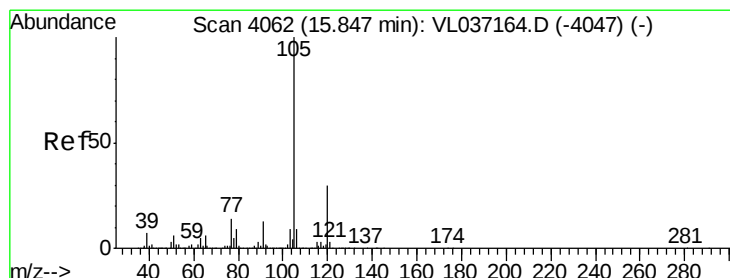
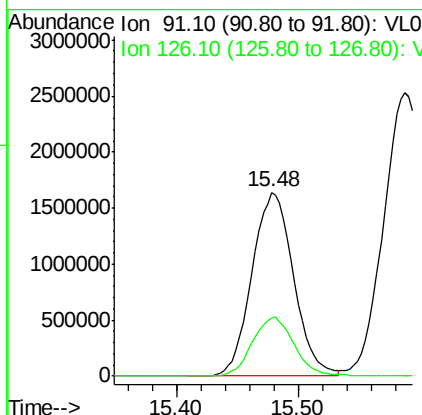
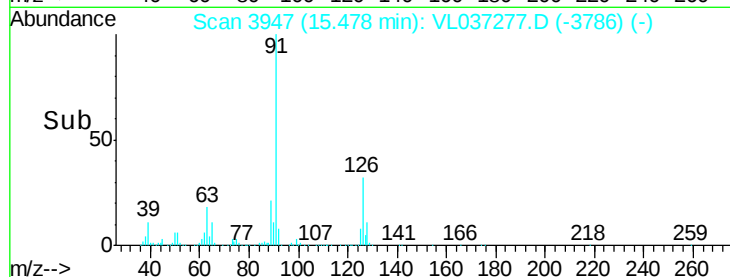
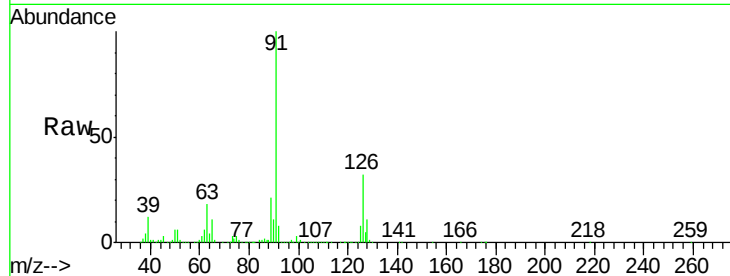




#71
2-Chlorotoluene
Concen: 7.784 ppbv
RT: 15.48 min Scan# 3947
Delta R.T. 0.02 min
Lab File: VL037277.D
Acq: 2 Jul 2021 16:29

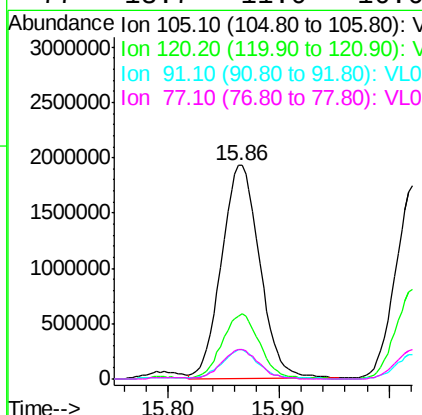
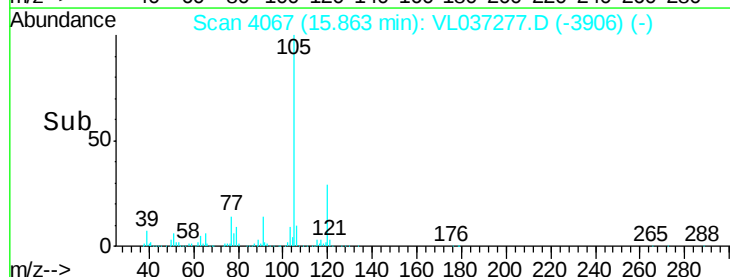
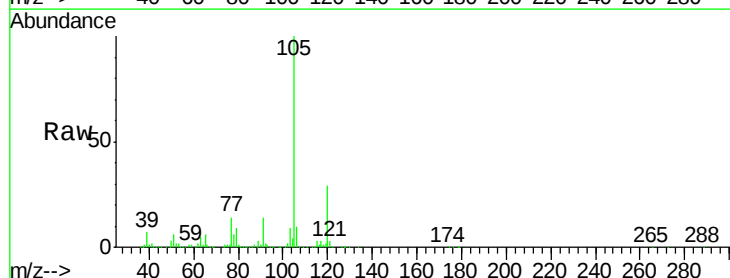
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

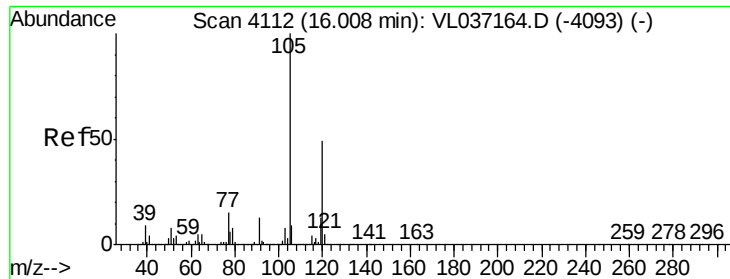
Tgt Ion: 91 Resp: 3865361
Ion Ratio Lower Upper
91 100
126 32.7 13.5 54.1



#72
4-Ethyltoluene
Concen: 8.166 ppbv
RT: 15.86 min Scan# 4067
Delta R.T. 0.02 min
Lab File: VL037277.D
Acq: 2 Jul 2021 16:29

Tgt Ion: 105 Resp: 4633992
Ion Ratio Lower Upper
105 100
120 30.1 24.7 37.1
91 12.9 10.2 15.4
77 13.7 11.0 16.6

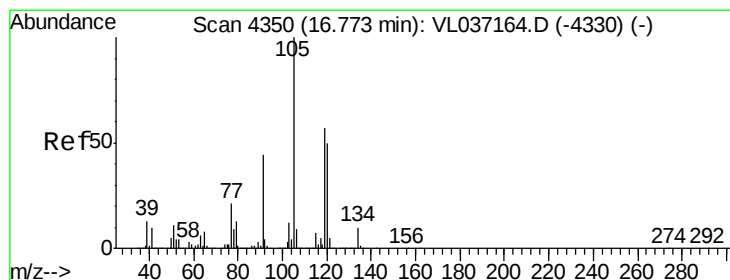
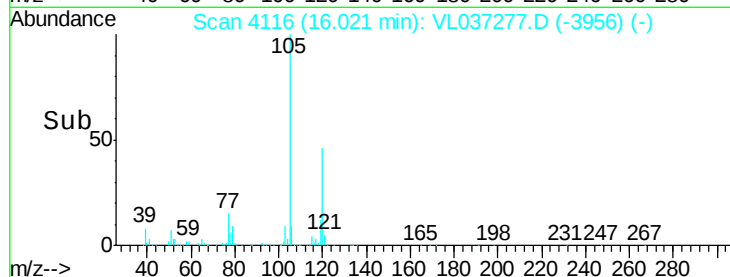
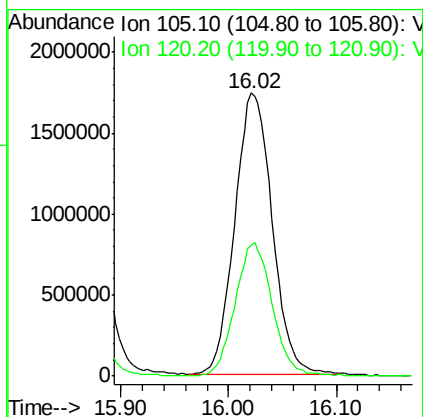
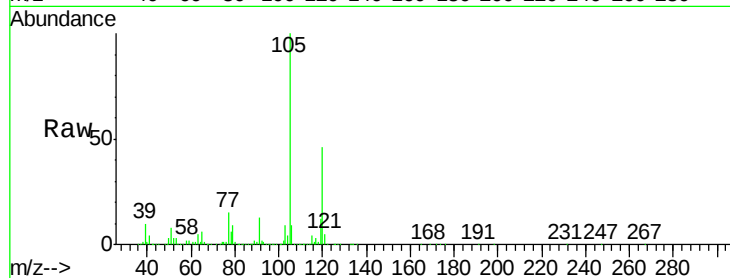




#73
 1,3,5-Trimethylbenzene
 Concen: 7.646 ppbv
 RT: 16.02 min Scan# 4116
 Delta R.T. 0.01 min
 Lab File: VL037277.D
 Acq: 2 Jul 2021 16:29

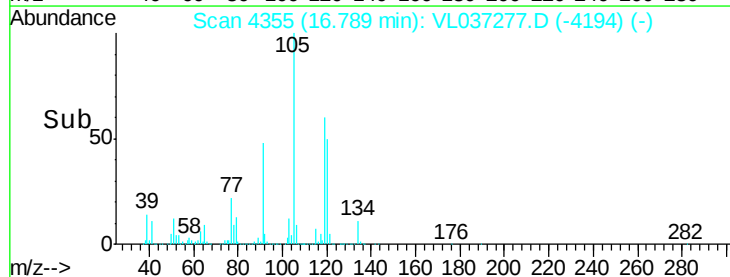
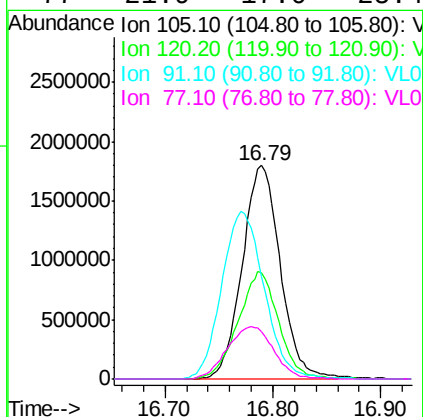
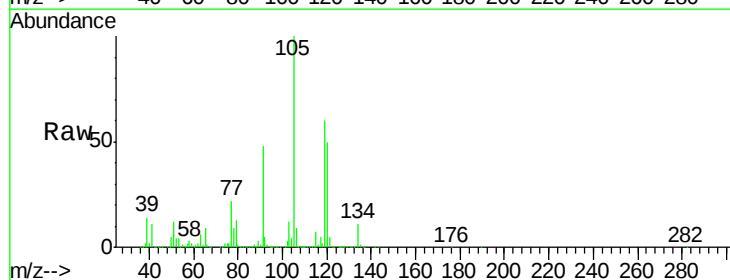
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

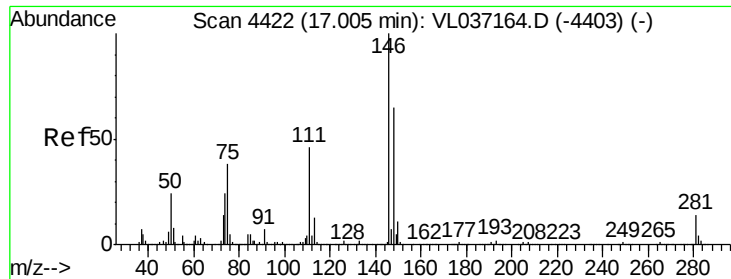
Tgt Ion:105 Resp: 4193987
 Ion Ratio Lower Upper
 105 100
 120 46.6 39.4 59.2



#74
 1,2,4-Trimethylbenzene
 Concen: 7.764 ppbv
 RT: 16.79 min Scan# 4355
 Delta R.T. 0.02 min
 Lab File: VL037277.D
 Acq: 2 Jul 2021 16:29

Tgt Ion:105 Resp: 4388027
 Ion Ratio Lower Upper
 105 100
 120 49.5 39.8 59.8
 91 47.5 37.0 55.4
 77 21.9 17.0 25.4





#75

1,3-Dichlorobenzene

Concen: 7.611 ppbv

RT: 17.02 min Scan# 4427

Delta R.T. 0.02 min

Lab File: VL037277.D

Acq: 2 Jul 2021 16:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

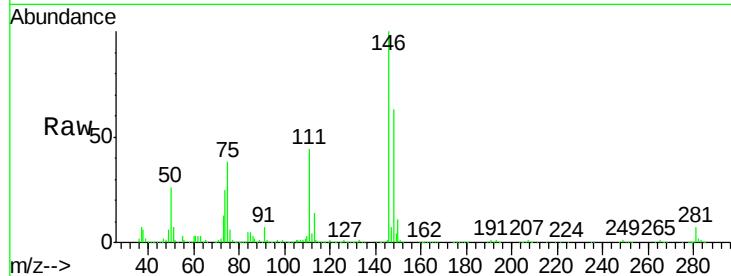
Tgt Ion:146 Resp: 2615280

Ion Ratio Lower Upper

146 100

111 45.8 22.2 66.6

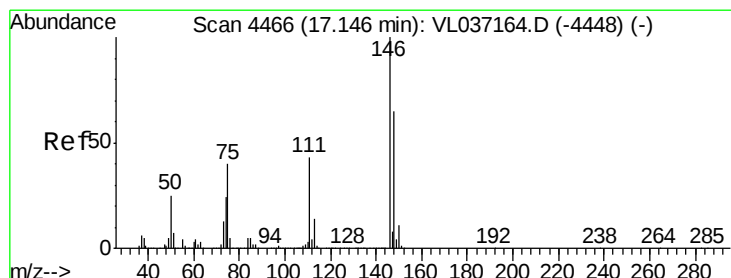
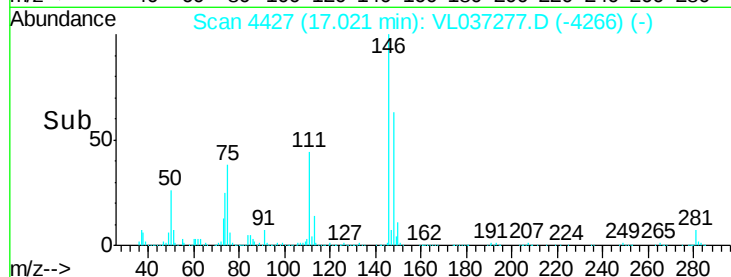
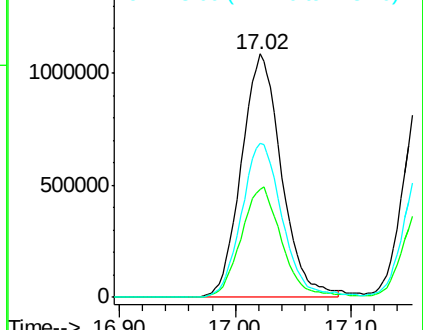
148 64.4 32.4 97.2



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: 7.310 ppbv

RT: 17.17 min Scan# 4472

Delta R.T. 0.02 min

Lab File: VL037277.D

Acq: 2 Jul 2021 16:29

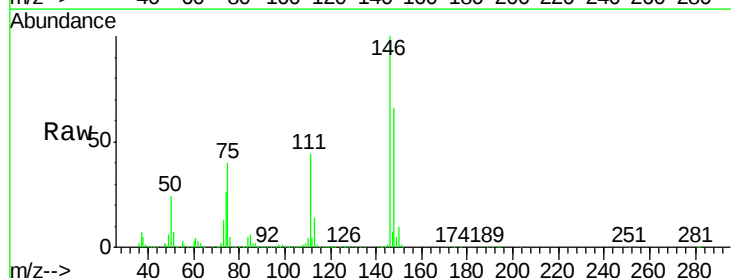
Tgt Ion:146 Resp: 2509014

Ion Ratio Lower Upper

146 100

111 45.9 22.7 68.0

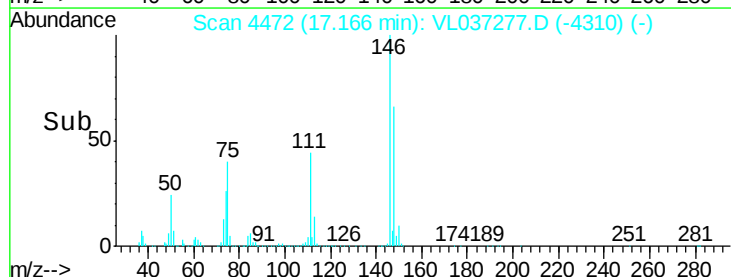
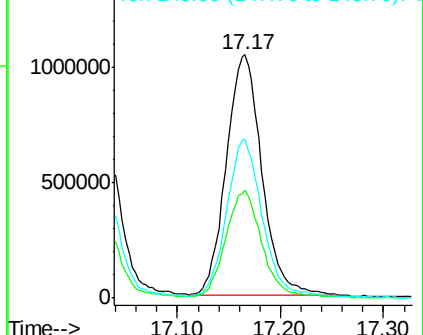
148 67.1 33.7 101.1

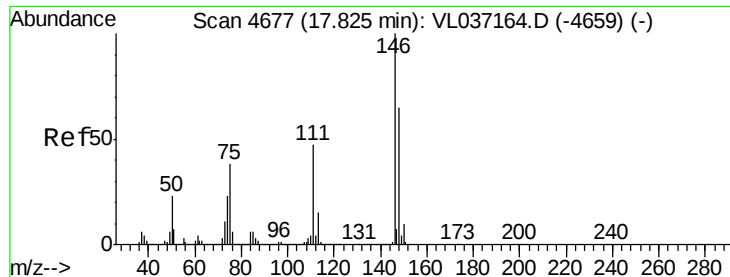


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

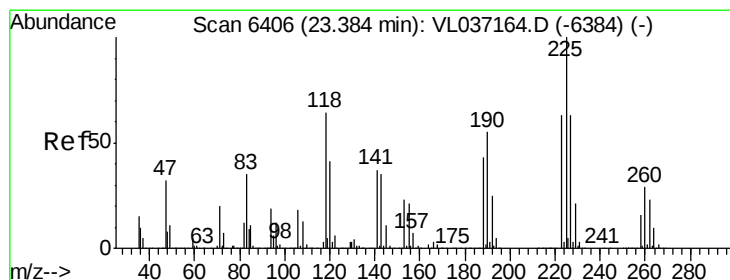
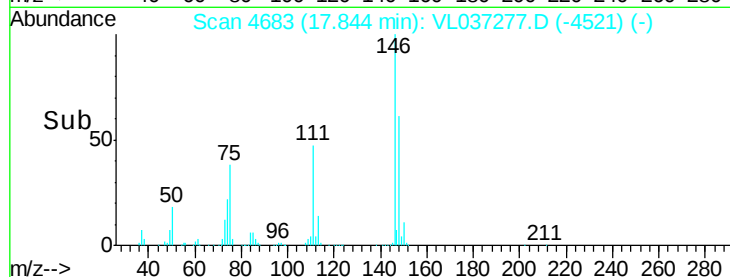
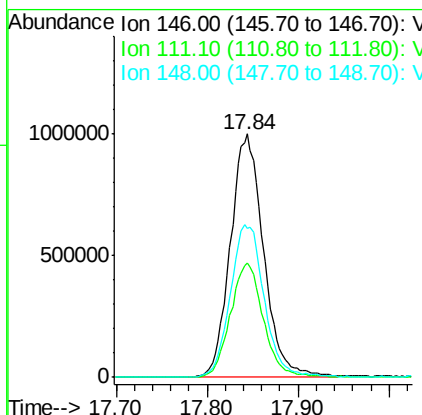
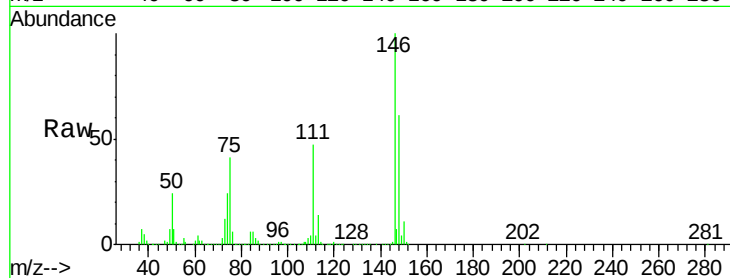




#77
 1,2-Dichlorobenzene
 Concen: 7.559 ppbv
 RT: 17.84 min Scan# 4683
 Delta R.T. 0.02 min
 Lab File: VL037277.D
 Acq: 2 Jul 2021 16:29

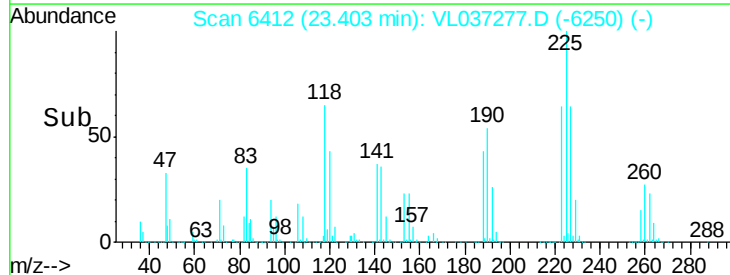
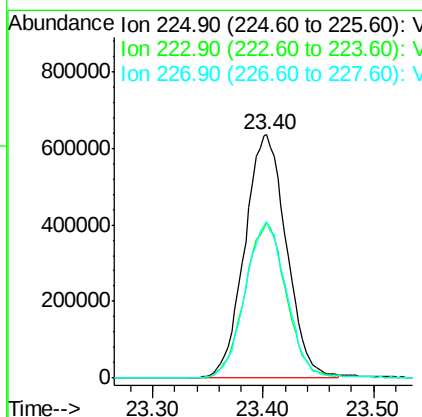
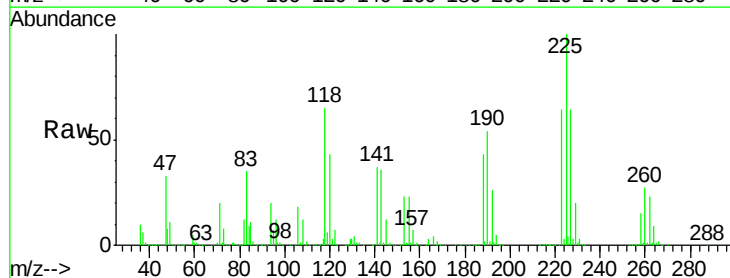
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

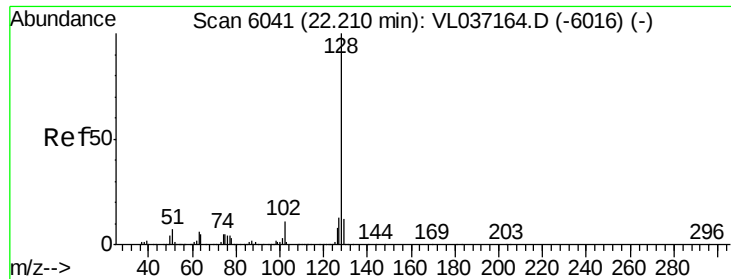
Tgt Ion:146 Resp: 2512948
 Ion Ratio Lower Upper
 146 100
 111 47.1 23.3 69.8
 148 64.6 32.4 97.0



#78
 Hexachloro-1,3-Butadiene
 Concen: 5.815 ppbv
 RT: 23.40 min Scan# 6412
 Delta R.T. 0.02 min
 Lab File: VL037277.D
 Acq: 2 Jul 2021 16:29

Tgt Ion:225 Resp: 1661904
 Ion Ratio Lower Upper
 225 100
 223 64.2 51.8 77.8
 227 64.1 51.4 77.0

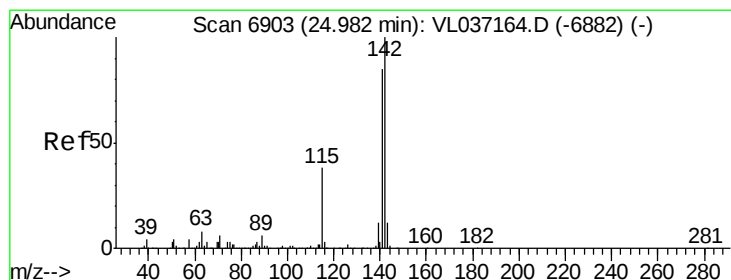
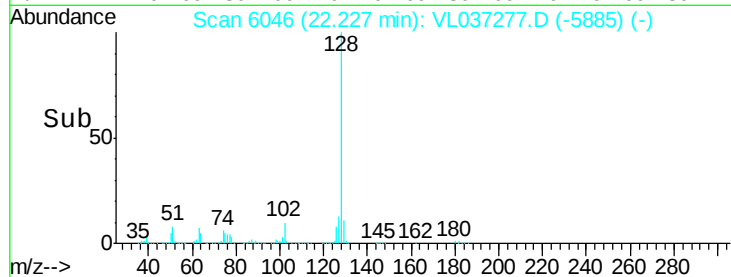
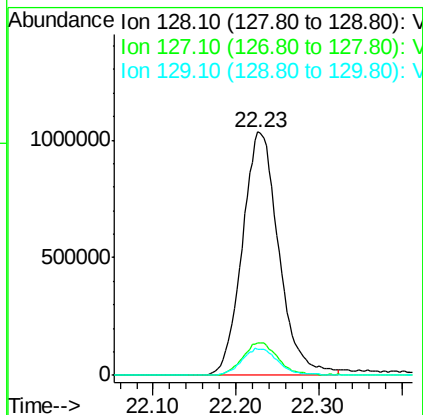
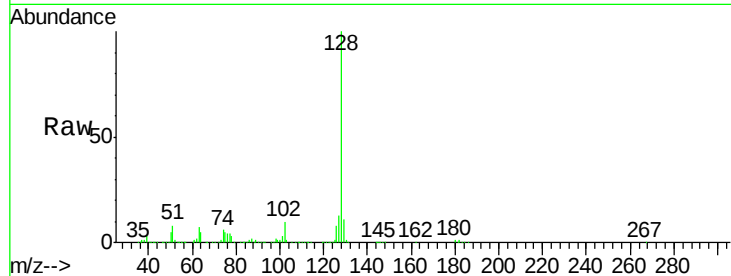




#79
Naphthalene
Concen: 6.693 ppbv
RT: 22.23 min Scan# 6046
Delta R.T. 0.02 min
Lab File: VL037277.D
Acq: 2 Jul 2021 16:29

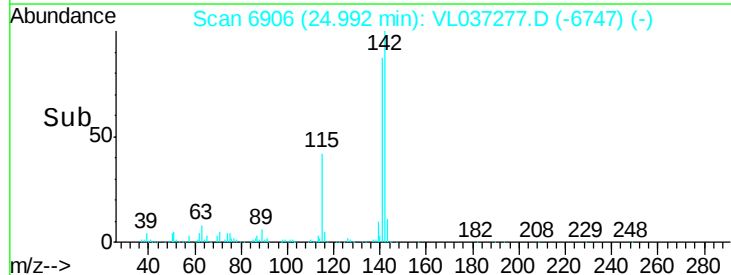
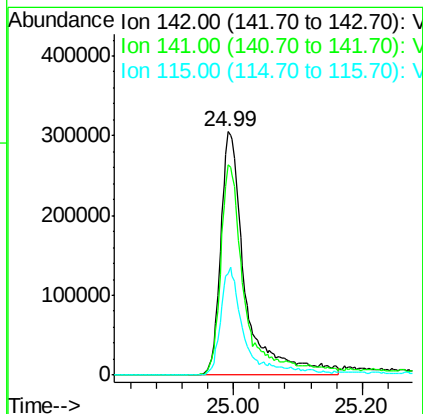
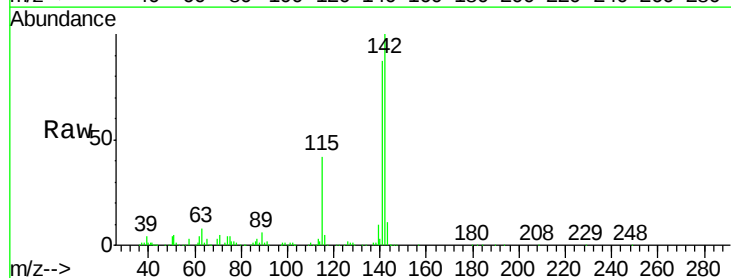
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

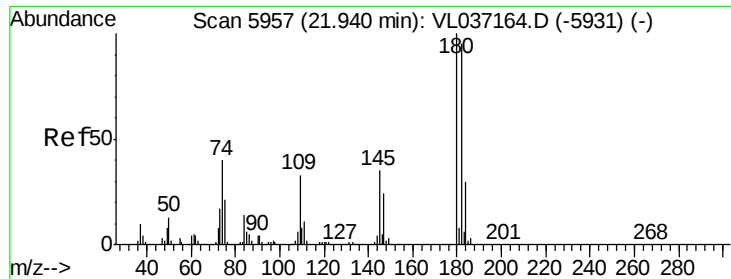
Tgt Ion:128 Resp: 3153963
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 10.9 9.3 13.9



#80
Naphthalene, 2-methyl-
Concen: 6.611 ppbv
RT: 24.99 min Scan# 6906
Delta R.T. 0.01 min
Lab File: VL037277.D
Acq: 2 Jul 2021 16:29

Tgt Ion:142 Resp: 817038
Ion Ratio Lower Upper
142 100
141 85.5 63.7 95.5
115 41.1 30.6 45.8





#81

1,2,4-Trichlorobenzene

Concen: 6.709 ppbv

RT: 21.96 min Scan# 5962

Delta R.T. 0.02 min

Lab File: VL037277.D

Acq: 2 Jul 2021 16:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

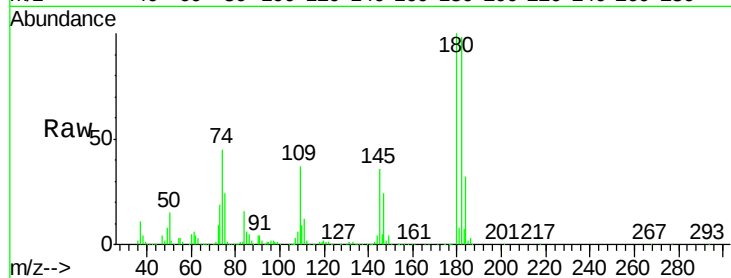
Tgt Ion:180 Resp: 1824251

Ion Ratio Lower Upper

180 100

182 100.1 79.3 118.9

184 31.3 24.7 37.1



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

