

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073021\
 Data File : VL037288.D
 Acq On : 30 Jul 2021 17:02
 Operator : SY/AP
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Quant Time: Jul 30 22:49:51 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL073021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 30 22:49:48 2021
 QLast Update : Fri Jul 30 22:49:48 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1311102	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4118069	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4803883	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	2927922	8.13	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	81.30%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	1481877	6.786	ppbv 100
3) Chlorodifluoromethane	2.99	51	2324982	9.080	ppbv 100
4) Chloromethane	3.14	50	812058	9.505	ppbv 100
5) Vinyl Chloride	3.26	62	884298	9.430	ppbv 100
6) Bromomethane	3.47	94	528918	9.474	ppbv 100
7) Chloroethane	3.56	64	309231	9.213	ppbv 100
8) Dichlorotetrafluoroethane	3.19	85	2071670	8.878	ppbv 100
9) Propene	3.01	41	751241	9.188	ppbv 100
10) Heptane	8.13	43	1947085	9.782	ppbv 100
11) Trichlorofluoromethane	3.95	101	2099673	8.713	ppbv 100
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1563115	9.121	ppbv 100
13) Ethanol	3.61	45	127379	9.748	ppbv 97
14) Bromoethene	3.74	108	699091	9.710	ppbv 100
15) Acetone	3.85	43	1177407	7.867	ppbv 99
16) 1,3-Butadiene	3.33	39	810691	9.318	ppbv 100
17) tert-Butyl alcohol	4.29	59	1392712	10.190	ppbv 100
18) 1,1-Dichloroethene	4.29	96	716071	9.392	ppbv 100
19) Isopropyl Alcohol	3.97	45	818164	9.170	ppbv 98
20) Methylene Chloride	4.35	84	837380	8.973	ppbv 100
21) Allyl Chloride	4.42	41	1036395	9.302	ppbv 100
22) trans-1,2-Dichloroethene	4.89	96	742166	9.752	ppbv 100
23) Vinyl Acetate	5.08	43	1764483	8.503	ppbv 100
24) 1,1-Dichloroethane	5.02	63	1421456	8.516	ppbv 100
25) Ethyl Acetate	5.69	43	3224785	9.889	ppbv 100
26) Hexane	5.69	57	1681209	10.048	ppbv 100
27) Carbon Disulfide	4.56	76	1623491	10.283	ppbv 100
28) Methyl tert-Butyl Ether	5.04	73	1514768	8.069	ppbv 100
29) Chloroform	5.76	83	2333831	9.296	ppbv 100
30) Cyclohexane	7.14	84	1333581	9.747	ppbv 100
31) cis-1,2-Dichloroethene	5.56	61	1480090	9.843	ppbv 100
32) 1,1,1-Trichloroethane	6.52	97	2404111	8.982	ppbv 100
34) 2-Butanone	5.25	43	1420343	8.875	ppbv 100
35) Carbon Tetrachloride	7.03	117	2543046	9.292	ppbv 100
36) Benzene	6.90	78	3196973	9.570	ppbv 100
37) 1,2-Dichloroethane	6.31	62	1731980	9.050	ppbv 100
38) Trichloroethene	7.84	130	1412321	8.854	ppbv 100
39) 1,2-Dichloropropane	7.62	63	1204871	9.746	ppbv 100
40) 1,4-Dioxane	7.84	88	322514	9.577	ppbv 100
41) Tetrahydrofuran	6.06	42	719308	9.669	ppbv 100
42) Bromodichloromethane	7.80	83	2529248	9.572	ppbv 100
43) Methyl Methacrylate	8.02	69	1149151	10.008	ppbv 100

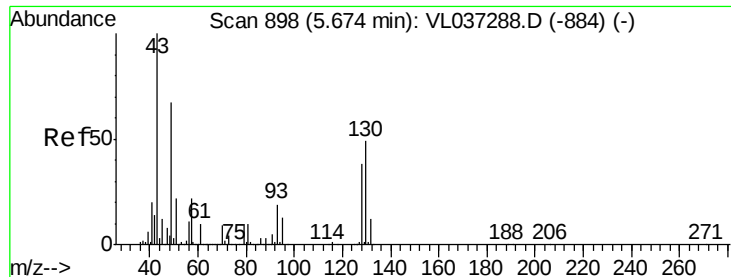
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073021\
 Data File : VL037288.D
 Acq On : 30 Jul 2021 17:02
 Operator : SY/AP
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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 VSTDICCC010

Quant Time: Jul 30 22:49:51 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL073021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 30 22:49:48 2021
 QLast Update : Fri Jul 30 22:49:48 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	5157786	9.195	ppbv	100
45) t-1,3-Dichloropropene	9.29	75	1122351	11.228	ppbv	100
46) cis-1,3-Dichloropropene	8.71	75	1428313	10.411	ppbv	100
47) 1,1,2-Trichloroethane	9.49	97	1356358	9.569	ppbv	100
48) Dibromochloromethane	10.32	129	2362687	10.608	ppbv	100
49) Bromoform	13.06	173	1988985	11.827	ppbv	99
50) 4-Methyl-2-Pentanone	8.75	43	2076479	9.530	ppbv	100
51) 2-Hexanone	10.15	43	1032385	9.748	ppbv	100
52) Tetrachloroethene	11.24	164	1360243	8.747	ppbv	100
53) Toluene	9.82	91	3868629	9.670	ppbv	100
54) 1,2-Dibromoethane	10.62	107	1997108	9.822	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.14	131	1636499	7.836	ppbv	100
57) Chlorobenzene	12.16	112	2983568	7.656	ppbv	100
58) Ethyl Benzene	12.73	91	5094099	7.735	ppbv	100
59) m/p-Xylene	13.01	91	4848705	8.687	ppbv #	47
60) o-Xylene	13.71	91	4048974	7.608	ppbv	100
61) Styrene	13.54	104	2354507	8.589	ppbv	100
62) Isopropylbenzene	14.68	105	5710046	7.528	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.69	83	2775109	7.770	ppbv	100
64) n-propylbenzene	15.58	120	1559990	8.192	ppbv	100
65) tert-Butylbenzene	16.76	119	5270359	7.783	ppbv	100
66) Benzyl Chloride	17.00	91	332255	10.638	ppbv	100
67) sec-Butylbenzene	17.31	105	7035646	7.785	ppbv	100
69) p-Isopropyltoluene	17.67	119	6116572	8.008	ppbv	100
70) n-Butylbenzene	18.56	91	5751996	8.136	ppbv	100
71) 2-Chlorotoluene	15.46	91	4154129	7.820	ppbv	100
72) 4-Ethyltoluene	15.85	105	5108855	8.344	ppbv	100
73) 1,3,5-Trimethylbenzene	16.01	105	4559806	7.737	ppbv	100
74) 1,2,4-Trimethylbenzene	16.78	105	4746302	7.822	ppbv	100
75) 1,3-Dichlorobenzene	17.01	146	3014119	8.105	ppbv	100
76) 1,4-Dichlorobenzene	17.15	146	2979409	7.970	ppbv	100
77) 1,2-Dichlorobenzene	17.83	146	2899387	8.032	ppbv	100
78) Hexachloro-1,3-Butadiene	23.39	225	1930584	6.366	ppbv	100
79) Naphthalene	22.22	128	3694163	7.553	ppbv	100
80) Naphthalene, 2-methyl-	24.98	142	1071894	8.398	ppbv	97
81) 1,2,4-Trichlorobenzene	21.94	180	2161060	7.543	ppbv	100

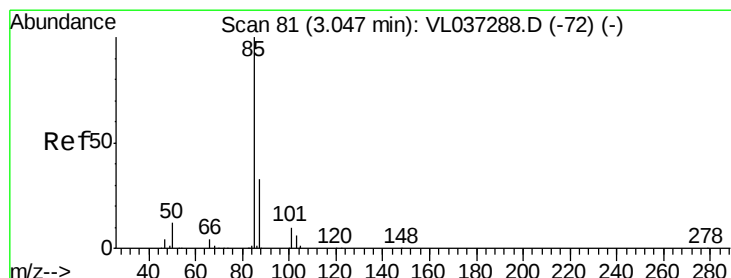
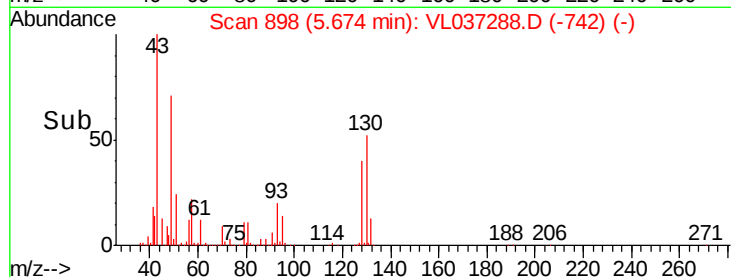
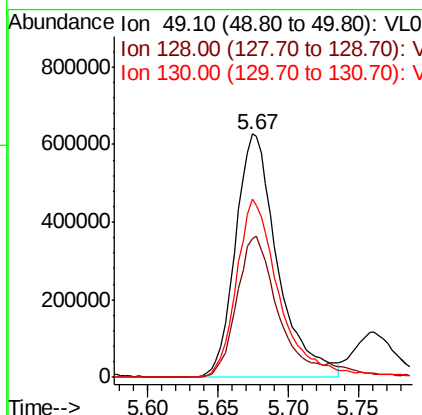
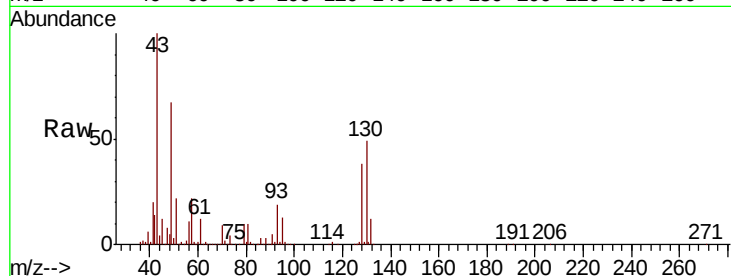
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: VL037288.D
 Acq: 30 Jul 2021 17:02

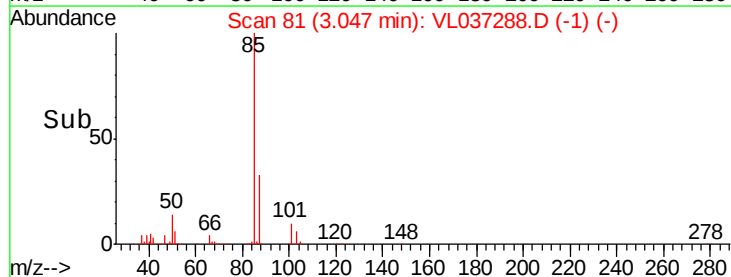
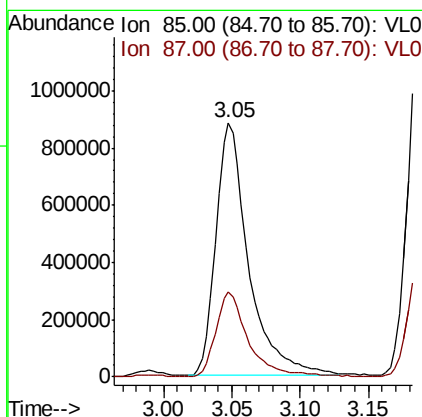
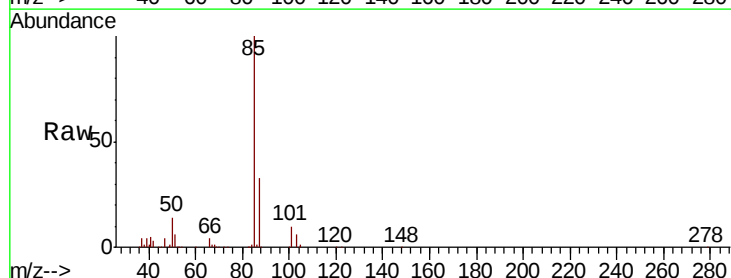
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

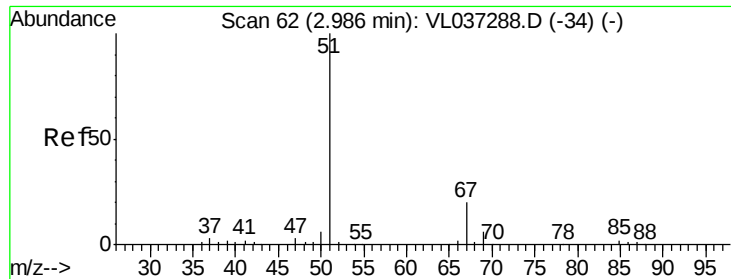
Tot Ion: 49 Resp: 1311102
 Ion Ratio Lower Upper
 49 100
 128 61.3 30.6 92.0
 130 75.6 37.8 113.4



#2
 Dichlorodifluoromethane
 Concen: 6.786 ppbv
 RT: 3.05 min Scan# 81
 Delta R.T. 0.00 min
 Lab File: VL037288.D
 Acq: 30 Jul 2021 17:02

Tgt Ion: 85 Resp: 1481877
 Ion Ratio Lower Upper
 85 100
 87 33.3 26.6 40.0

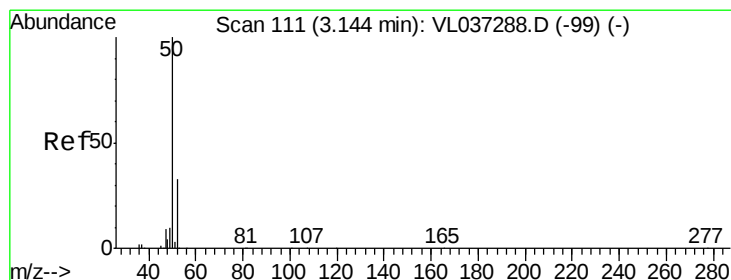
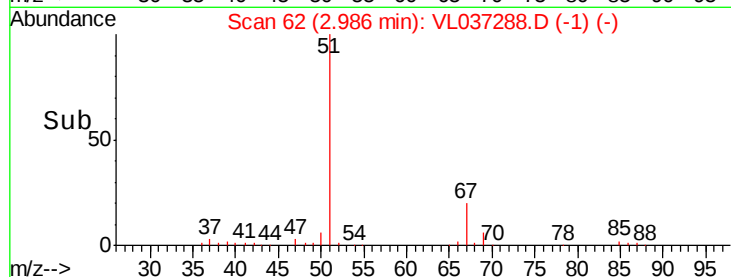
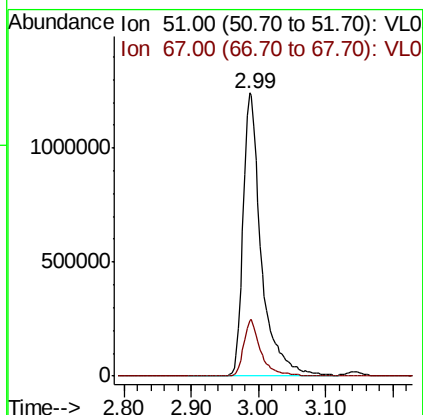
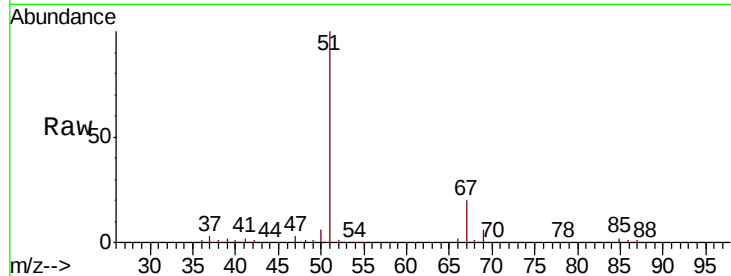




#3
Chlorodifluoromethane
Concen: 9.080 ppbv
RT: 2.99 min Scan# 62
Delta R.T. 0.00 min
Lab File: VL037288.D
Acq: 30 Jul 2021 17:02

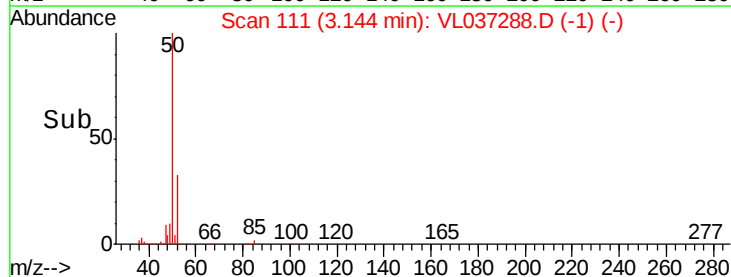
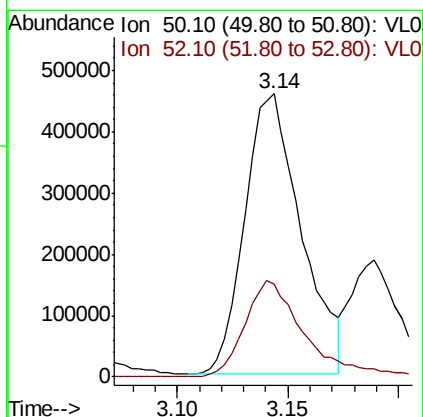
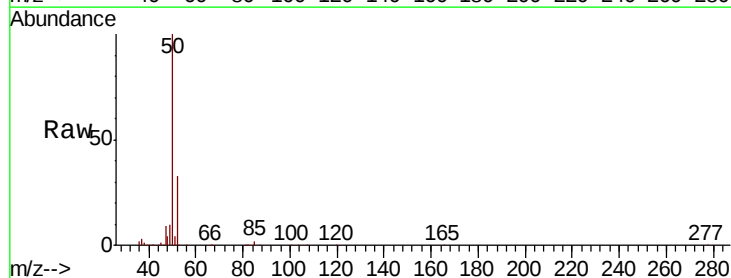
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

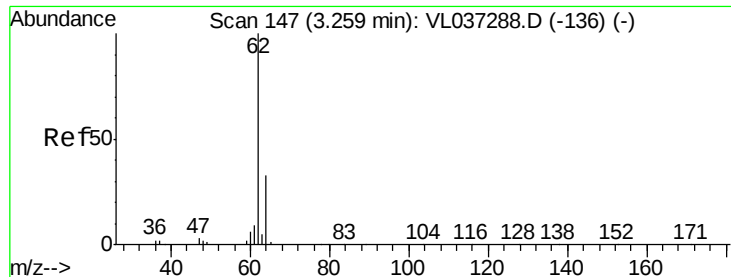
Tot Ion: 51 Resp: 2324982
Ion Ratio Lower Upper
51 100
67 19.0 15.2 22.8



#4
Chloromethane
Concen: 9.505 ppbv
RT: 3.14 min Scan# 111
Delta R.T. 0.00 min
Lab File: VL037288.D
Acq: 30 Jul 2021 17:02

Tgt Ion: 50 Resp: 812058
Ion Ratio Lower Upper
50 100
52 32.8 26.2 39.4





#5

Vinyl Chloride

Concen: 9.430 ppbv

RT: 3.26 min Scan# 147

Delta R.T. 0.00 min

Lab File: VL037288.D

Acq: 30 Jul 2021 17:02

Instrument :

MSVOA_L

ClientSampleId :

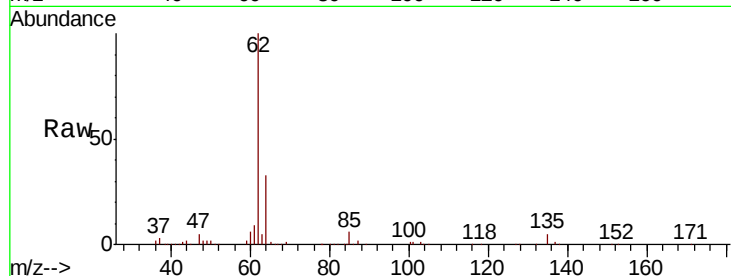
VSTDICCC010

Tot Ion: 62 Resp: 884298

Ion Ratio Lower Upper

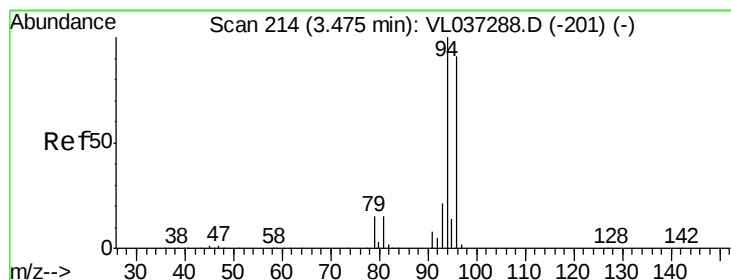
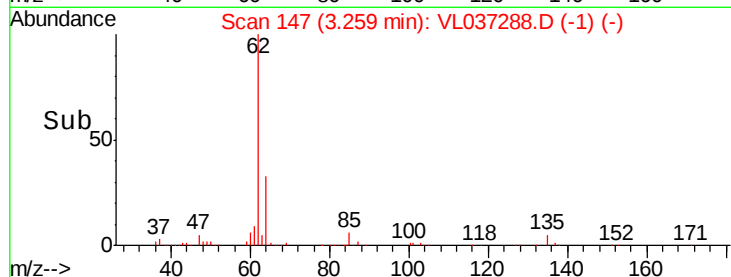
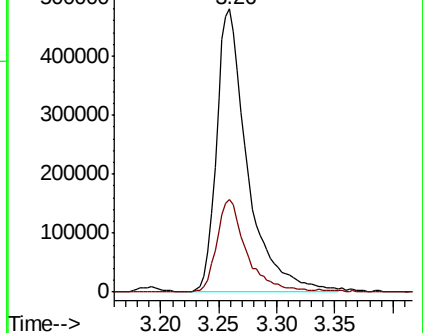
62 100

64 32.6 26.1 39.1



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 9.474 ppbv

RT: 3.47 min Scan# 214

Delta R.T. 0.00 min

Lab File: VL037288.D

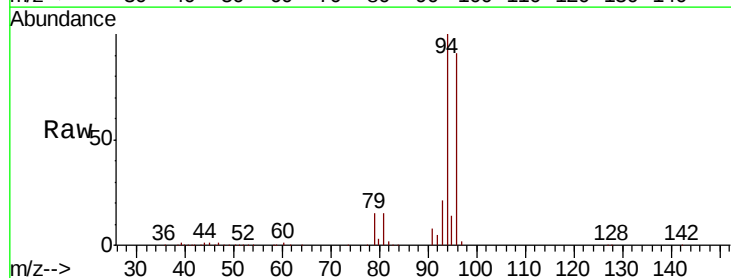
Acq: 30 Jul 2021 17:02

Tgt Ion: 94 Resp: 528918

Ion Ratio Lower Upper

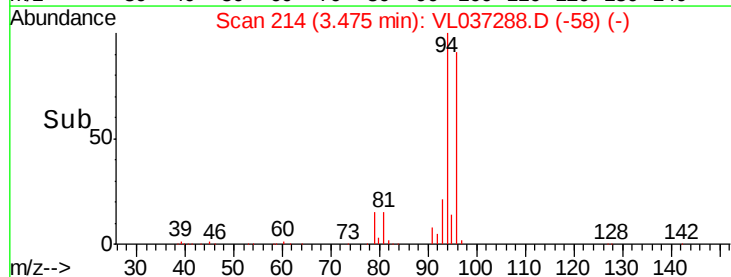
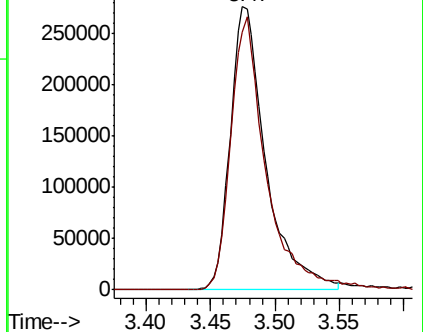
94 100

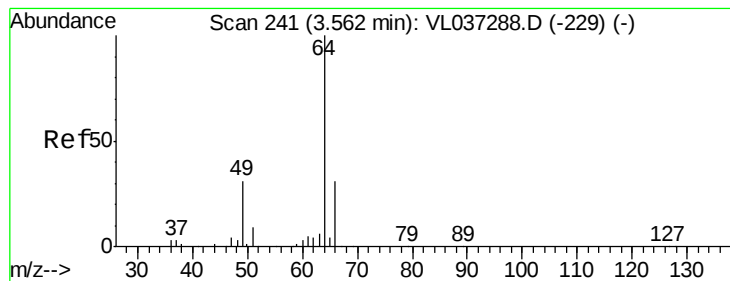
96 90.9 72.7 109.1



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 9.213 ppbv

RT: 3.56 min Scan# 241

Delta R.T. 0.00 min

Lab File: VL037288.D

Acq: 30 Jul 2021 17:02

Instrument :

MSVOA_L

ClientSampleId :

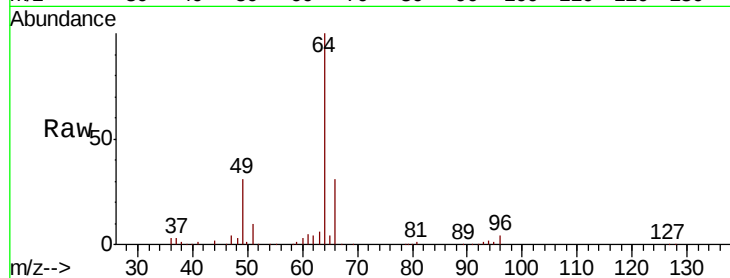
VSTDICCC010

Tot Ion: 64 Resp: 309231

Ion Ratio Lower Upper

64 100

66 31.1 24.9 37.3



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.56

200000

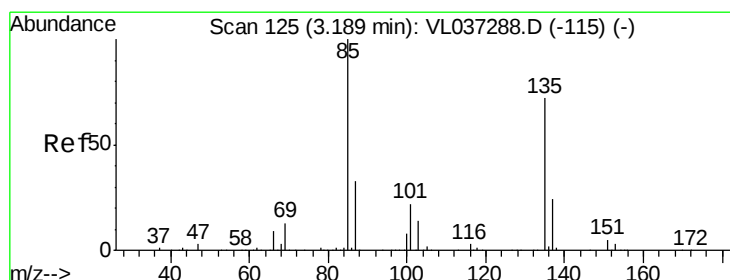
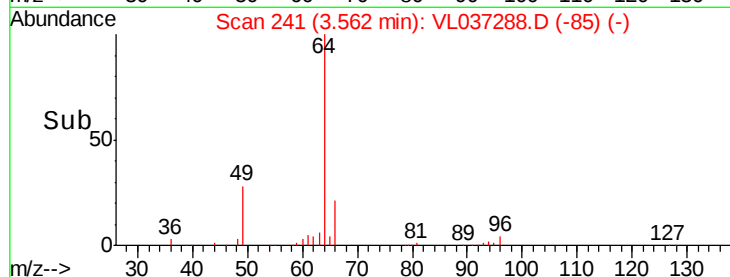
150000

100000

50000

0

Time-->



#8

Dichlorotetrafluoroethane

Concen: 8.878 ppbv

RT: 3.19 min Scan# 125

Delta R.T. 0.00 min

Lab File: VL037288.D

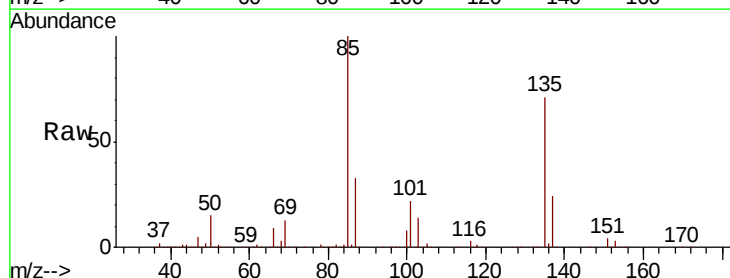
Acq: 30 Jul 2021 17:02

Tgt Ion: 85 Resp: 2071670

Ion Ratio Lower Upper

85 100

135 76.2 61.0 91.4



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

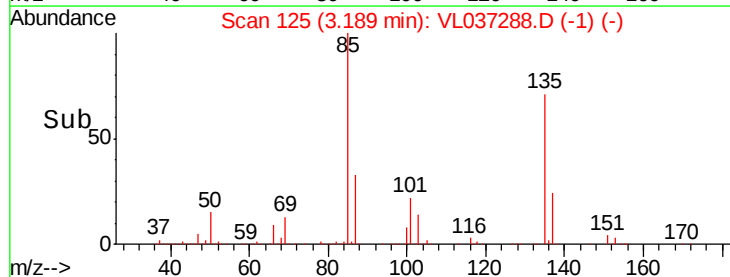
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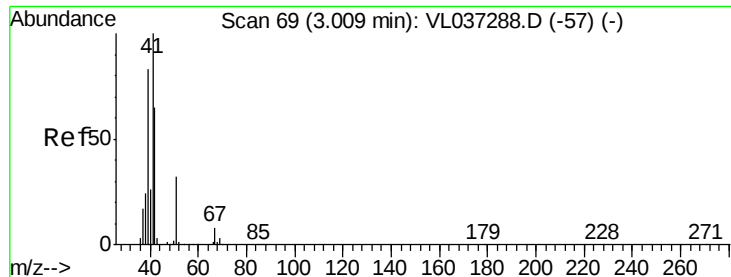
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500000

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Time-->





#9

Propene

Concen: 9.188 ppbv

RT: 3.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VL037288.D

Acq: 30 Jul 2021 17:02

Instrument :

MSVOA_L

ClientSampleId :

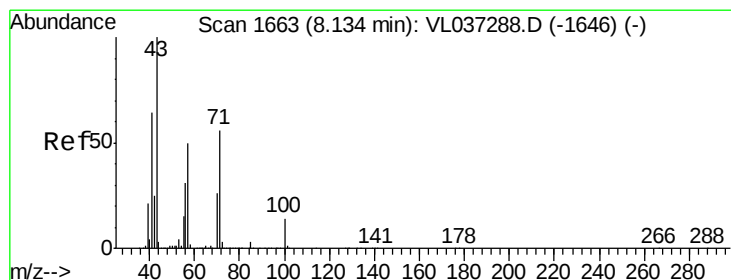
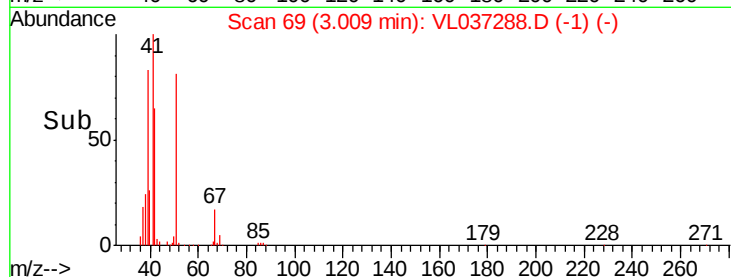
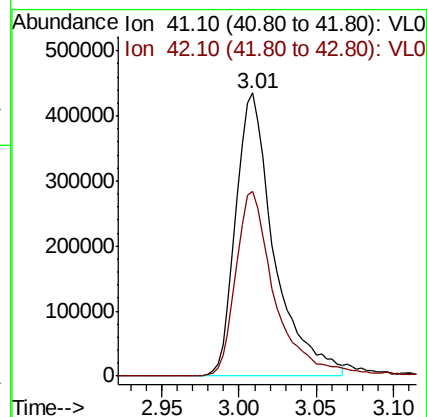
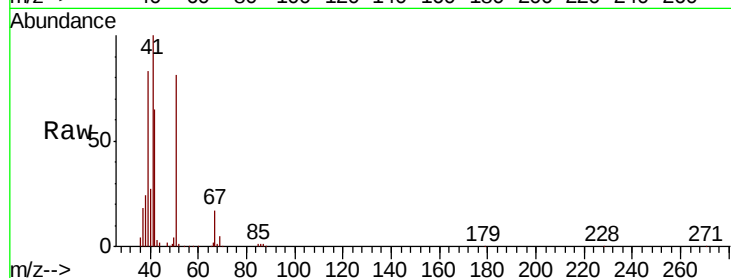
VSTDICCC010

Tot Ion: 41 Resp: 751241

Ion Ratio Lower Upper

41 100

42 67.5 54.0 81.0



#10

Heptane

Concen: 9.782 ppbv

RT: 8.13 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VL037288.D

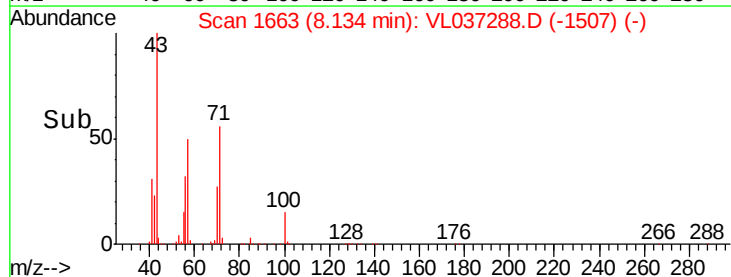
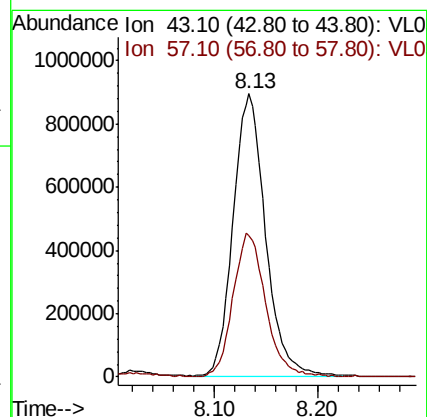
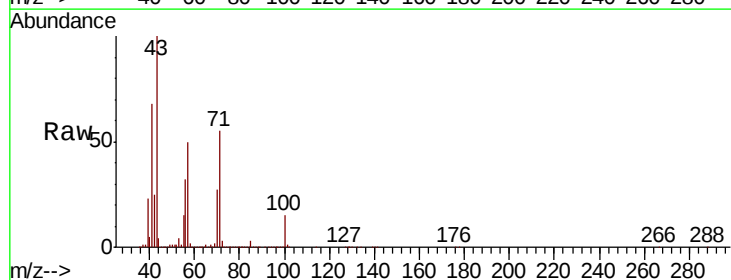
Acq: 30 Jul 2021 17:02

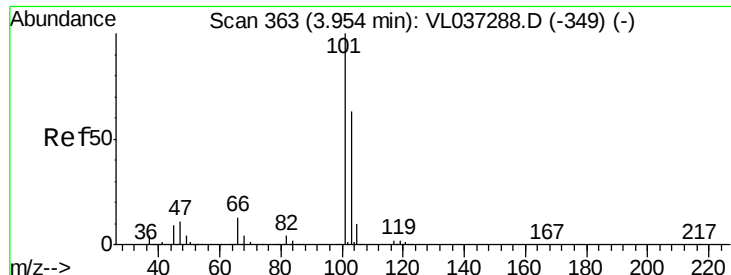
Tgt Ion: 43 Resp: 1947085

Ion Ratio Lower Upper

43 100

57 51.1 40.9 61.3

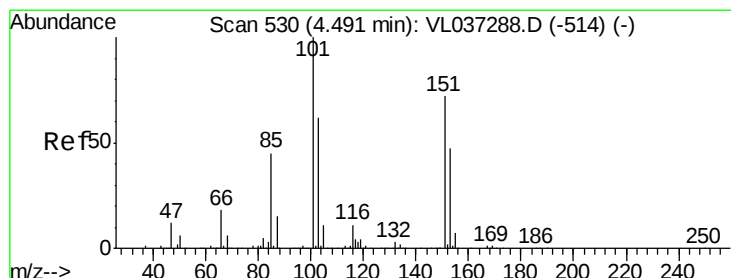
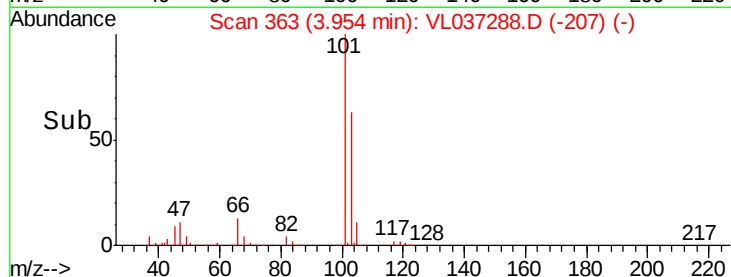
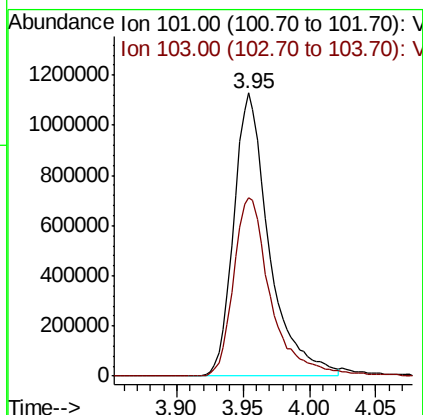
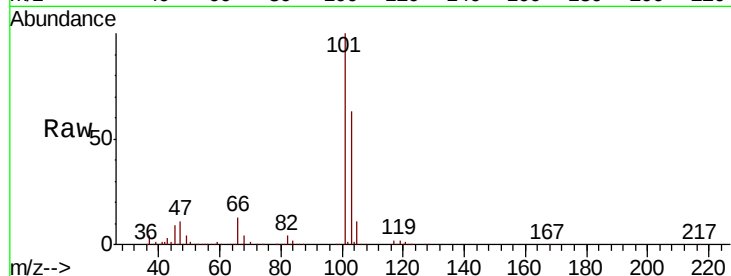




#11
 Trichlorofluoromethane
 Concen: 8.713 ppbv
 RT: 3.95 min Scan# 363
 Delta R.T. 0.00 min
 Lab File: VL037288.D
 Acq: 30 Jul 2021 17:02

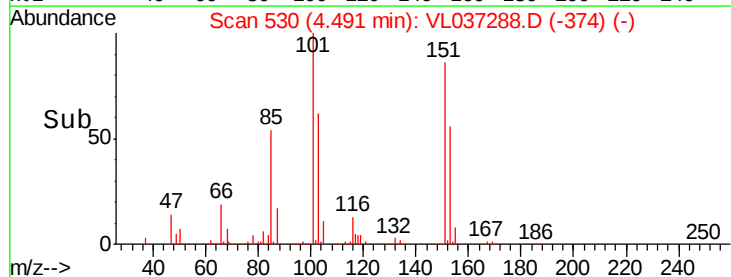
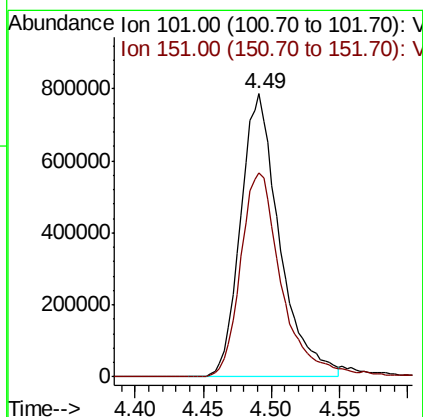
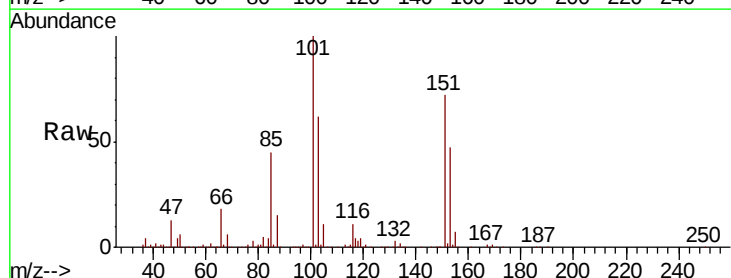
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

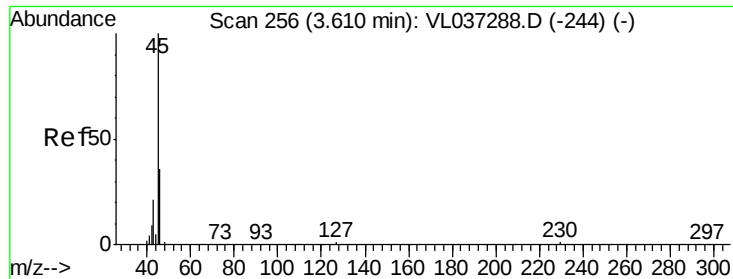
Tot Ion:101 Resp: 2099673
 Ion Ratio Lower Upper
 101 100
 103 63.2 50.6 75.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.121 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VL037288.D
 Acq: 30 Jul 2021 17:02

Tgt Ion:101 Resp: 1563115
 Ion Ratio Lower Upper
 101 100
 151 76.7 61.4 92.0





#13

Ethanol

Concen: 9.748 ppbv

RT: 3.61 min Scan# 256

Delta R.T. 0.00 min

Lab File: VL037288.D

Acq: 30 Jul 2021 17:02

Instrument :

MSVOA_L

ClientSampleId :

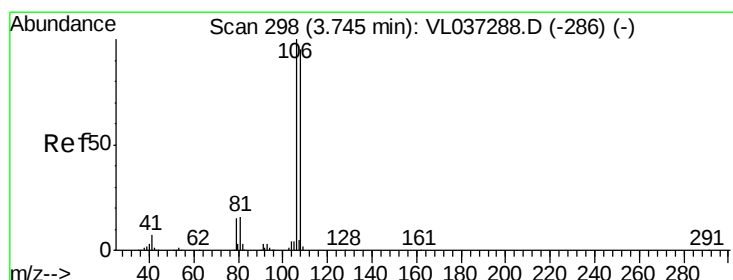
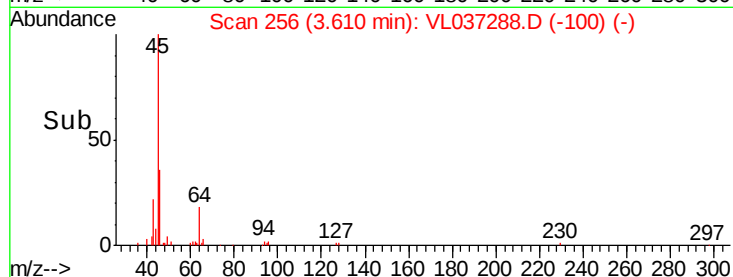
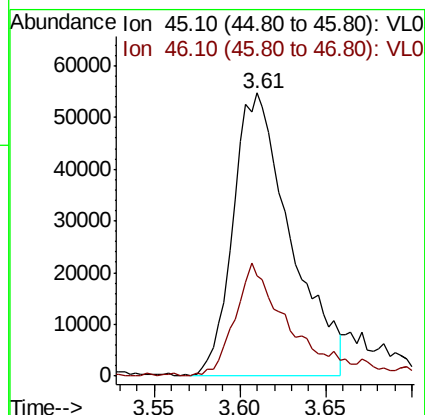
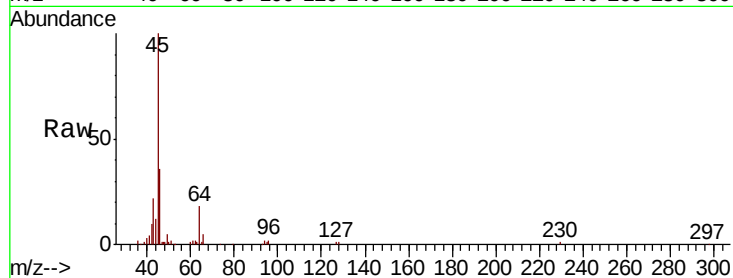
VSTDICCC010

Tot Ion: 45 Resp: 127379

Ion Ratio Lower Upper

45 100

46 38.9 16.2 64.8



#14

Bromoethene

Concen: 9.710 ppbv

RT: 3.74 min Scan# 298

Delta R.T. 0.00 min

Lab File: VL037288.D

Acq: 30 Jul 2021 17:02

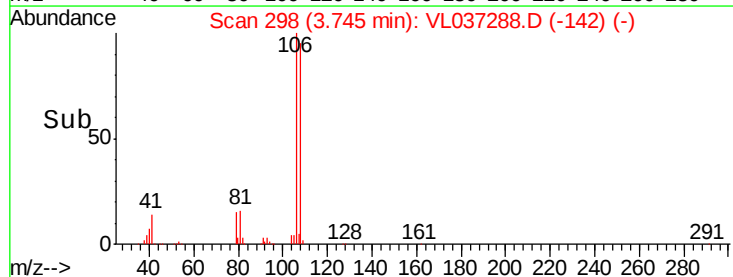
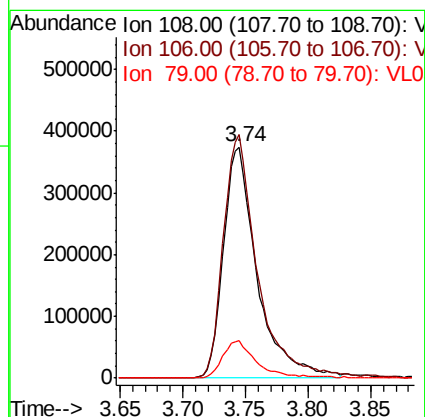
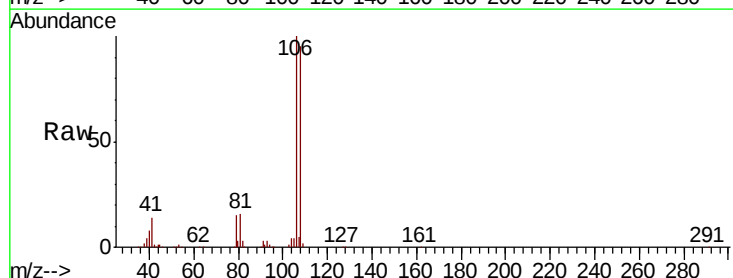
Tgt Ion: 108 Resp: 699091

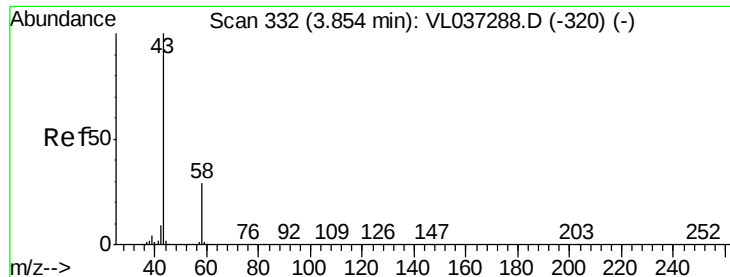
Ion Ratio Lower Upper

108 100

106 107.7 86.2 129.2

79 16.6 13.3 19.9





#15

Acetone

Concen: 7.867 ppbv

RT: 3.85 min Scan# 332

Delta R.T. 0.00 min

Lab File: VL037288.D

Acq: 30 Jul 2021 17:02

Instrument :

MSVOA_L

ClientSampleId :

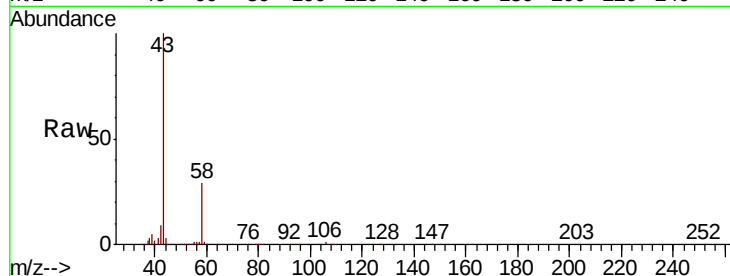
VSTDICCC010

Tot Ion: 43 Resp: 1177407

Ion Ratio Lower Upper

43 100

58 30.0 24.2 36.4



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.85

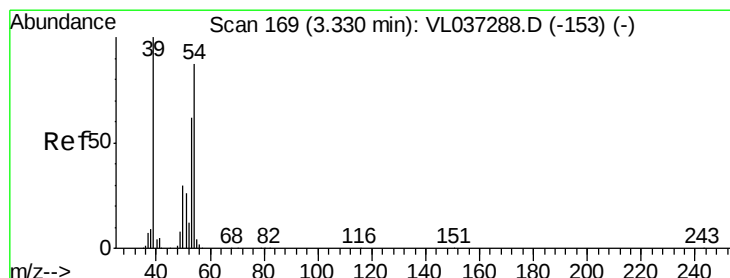
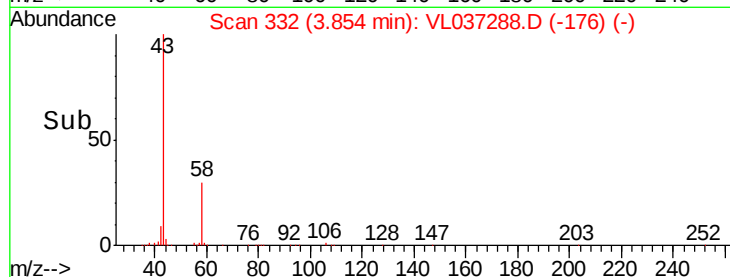
600000

400000

200000

0

Time-->



#16

1,3-Butadiene

Concen: 9.318 ppbv

RT: 3.33 min Scan# 169

Delta R.T. 0.00 min

Lab File: VL037288.D

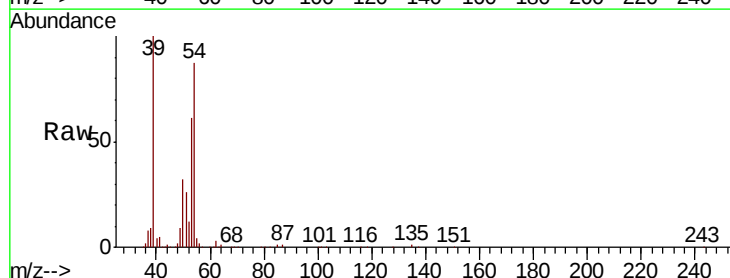
Acq: 30 Jul 2021 17:02

Tgt Ion: 39 Resp: 810691

Ion Ratio Lower Upper

39 100

54 79.9 63.9 95.9



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0

3.33

400000

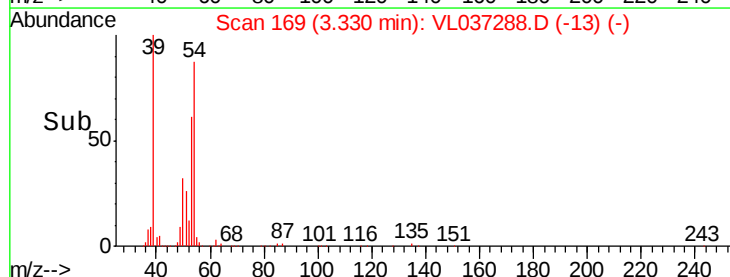
300000

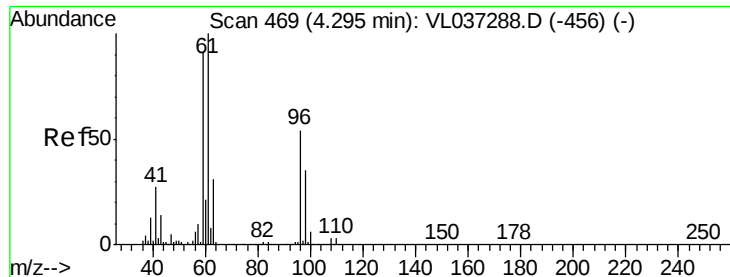
200000

100000

0

Time-->





#17

tert-Butyl alcohol

Concen: 10.190 ppbv

RT: 4.29 min Scan# 469

Delta R.T. 0.00 min

Lab File: VL037288.D

Acq: 30 Jul 2021 17:02

Instrument :

MSVOA_L

ClientSampleId :

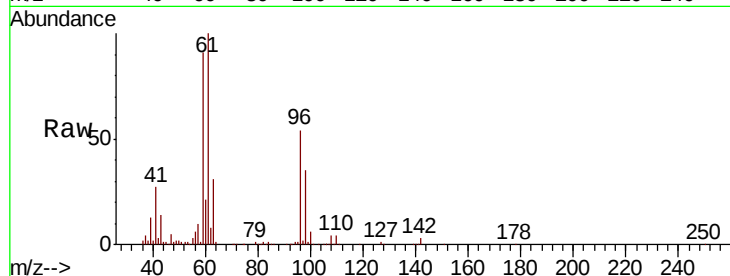
VSTDICCC010

Tot Ion: 59 Resp: 1392712

Ion Ratio Lower Upper

59 100

57 10.8 8.6 13.0



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

4.29

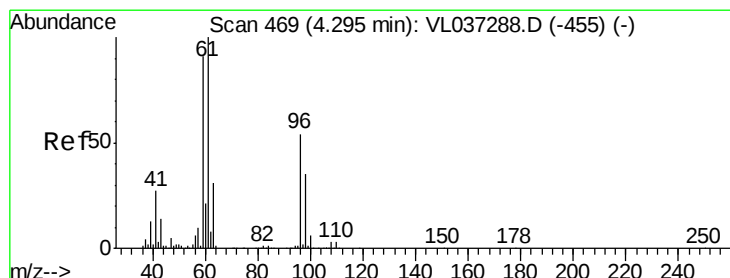
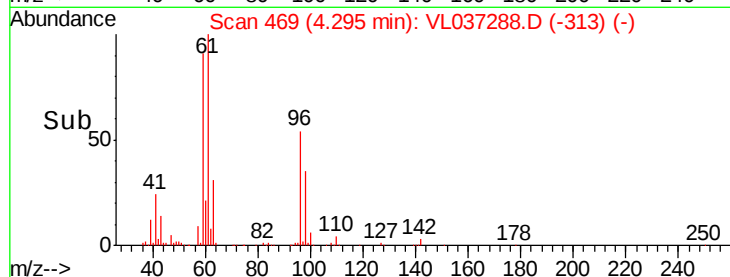
600000

400000

200000

0

Time-->



#18

1,1-Dichloroethene

Concen: 9.392 ppbv

RT: 4.29 min Scan# 469

Delta R.T. 0.00 min

Lab File: VL037288.D

Acq: 30 Jul 2021 17:02

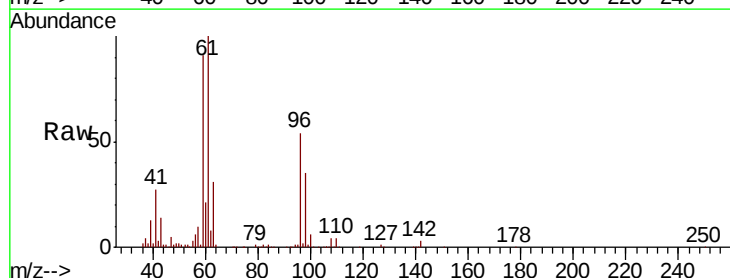
Tgt Ion: 96 Resp: 716071

Ion Ratio Lower Upper

96 100

61 185.4 148.3 222.5

98 64.2 51.4 77.0



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

4.29

800000

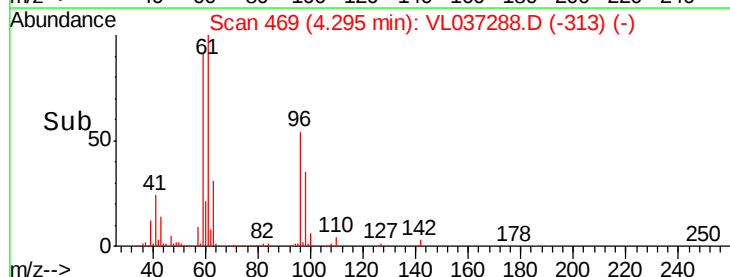
600000

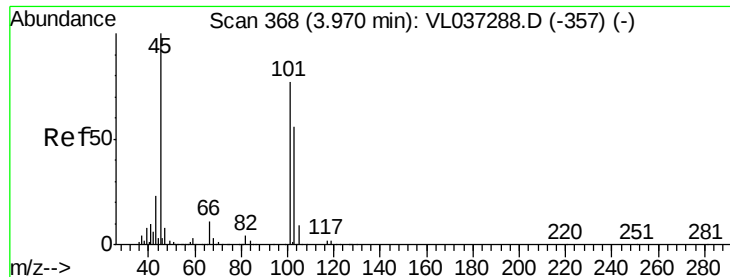
400000

200000

0

Time-->





#19

Isopropyl Alcohol

Concen: 9.170 ppbv

RT: 3.97 min Scan# 368

Delta R.T. 0.00 min

Lab File: VL037288.D

Acq: 30 Jul 2021 17:02

Instrument :

MSVOA_L

ClientSampleId :

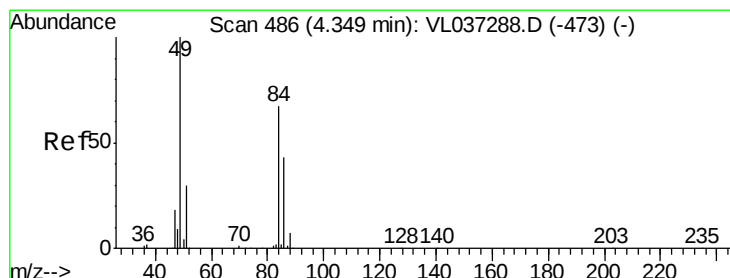
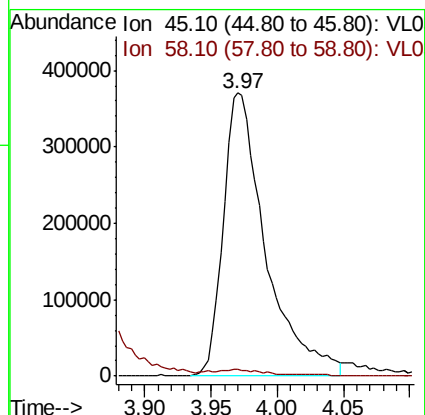
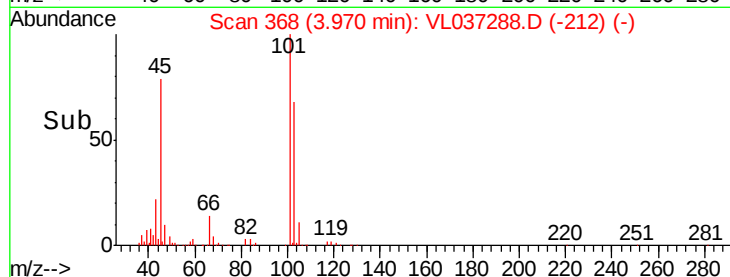
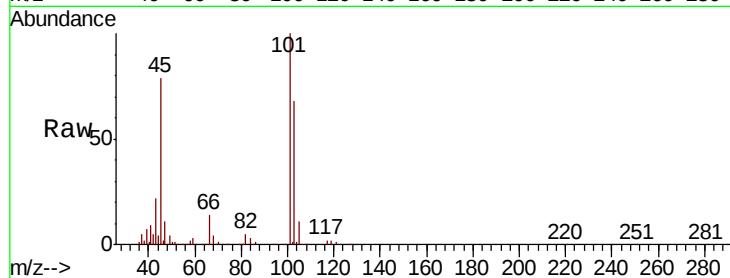
VSTDICCC010

Tot Ion: 45 Resp: 818164

Ion Ratio Lower Upper

45 100

58 2.2 2.2 3.2



#20

Methylene Chloride

Concen: 8.973 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.00 min

Lab File: VL037288.D

Acq: 30 Jul 2021 17:02

Tgt Ion: 84 Resp: 837380

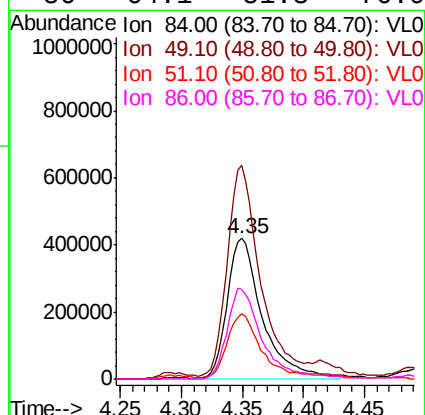
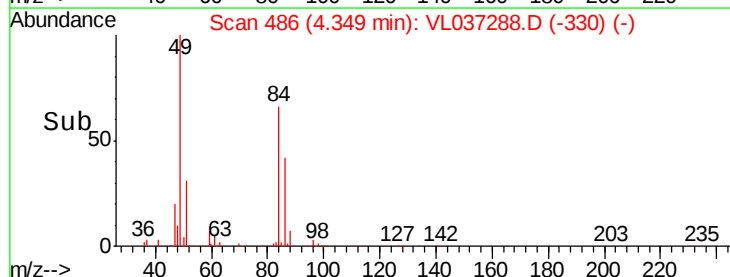
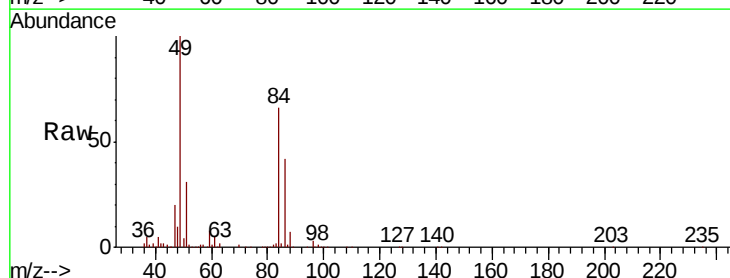
Ion Ratio Lower Upper

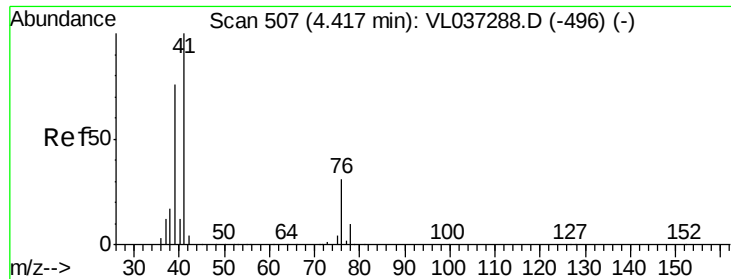
84 100

49 150.3 120.2 180.4

51 45.6 36.5 54.7

86 64.1 51.3 76.9

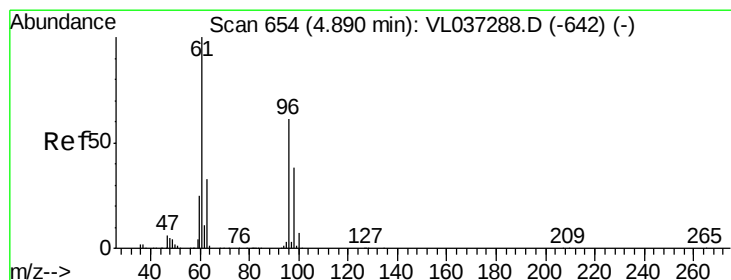
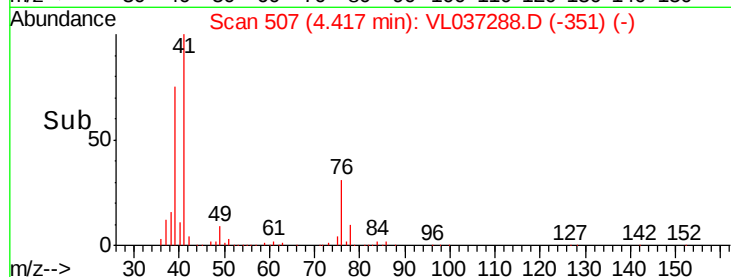
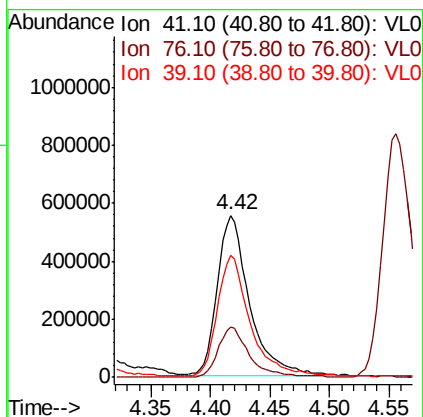
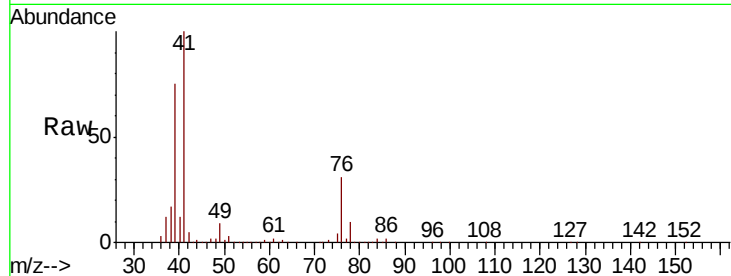




#21
Allvl Chloride
Concen: 9.302 ppbv
RT: 4.42 min Scan# 507
Delta R.T. 0.00 min
Lab File: VL037288.D
Acq: 30 Jul 2021 17:02

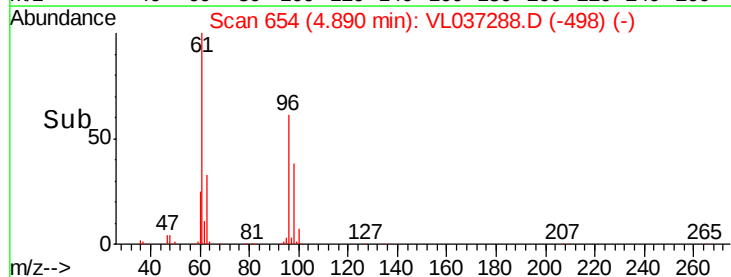
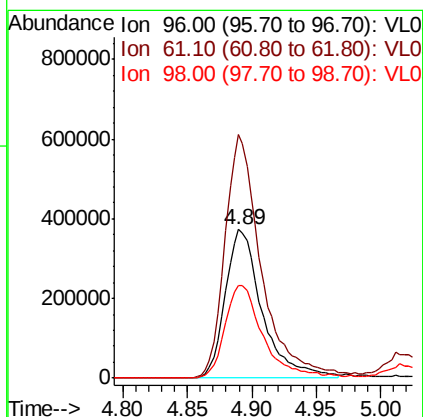
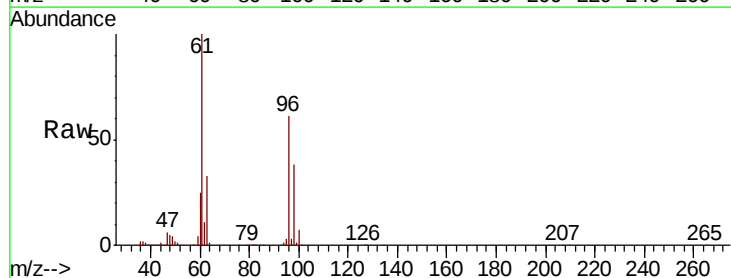
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

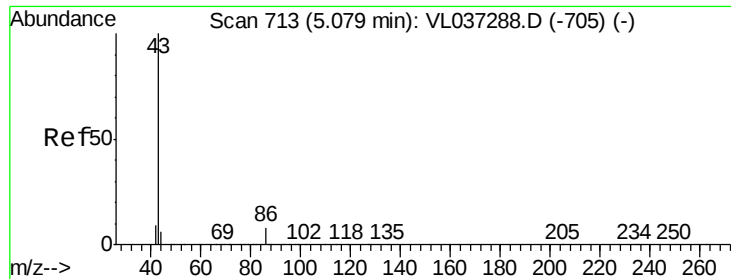
Tot Ion: 41 Resp: 1036395
Ion Ratio Lower Upper
41 100
76 30.9 24.7 37.1
39 80.6 64.5 96.7



#22
trans-1,2-Dichloroethene
Concen: 9.752 ppbv
RT: 4.89 min Scan# 654
Delta R.T. 0.00 min
Lab File: VL037288.D
Acq: 30 Jul 2021 17:02

Tgt Ion: 96 Resp: 742166
Ion Ratio Lower Upper
96 100
61 163.9 131.1 196.7
98 62.4 49.9 74.9



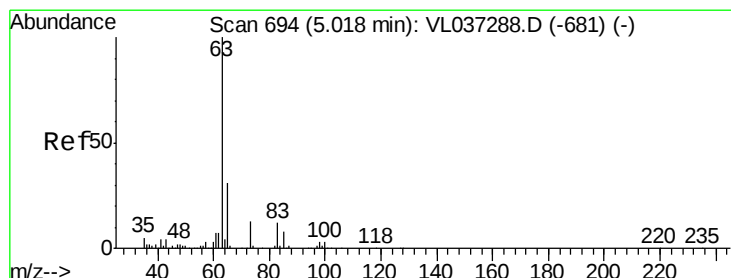
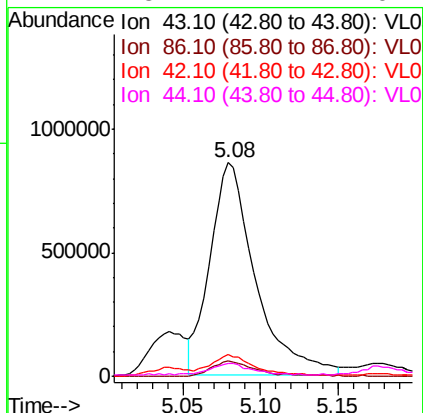
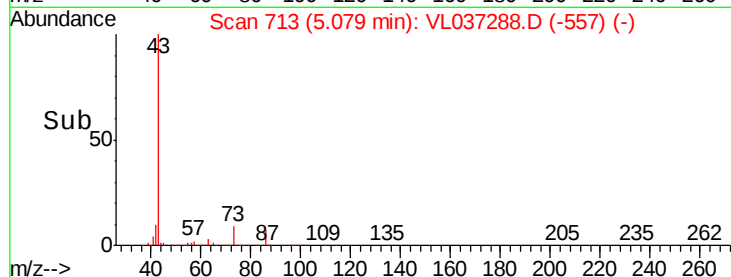
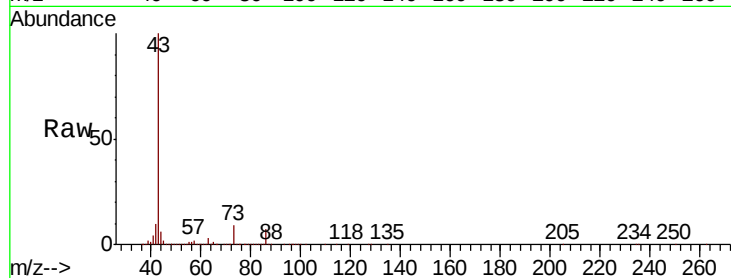


#23
 Vinyl Acetate
 Concen: 8.503 ppbv
 RT: 5.08 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VL037288.D
 Acq: 30 Jul 2021 17:02

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion: 43 Resp: 1764483

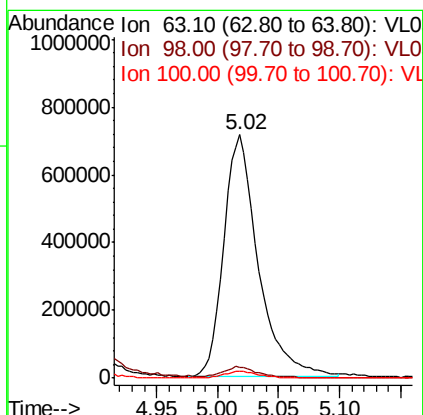
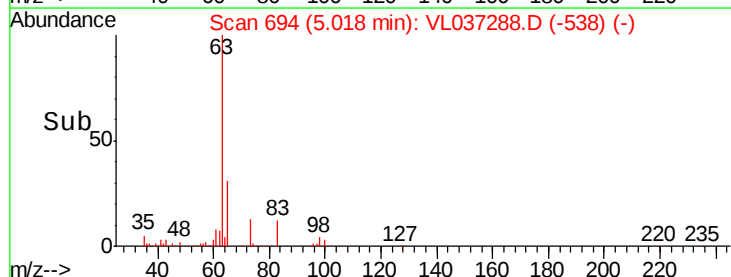
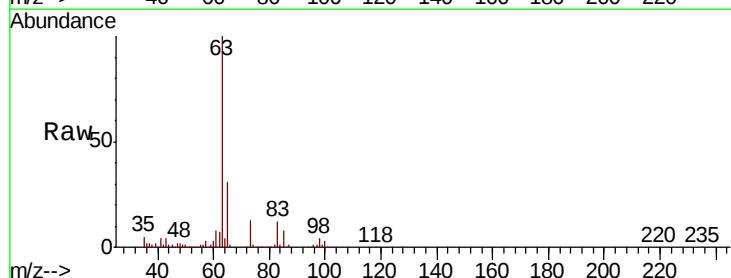
Ion	Ratio	Lower	Upper
43	100		
86	7.1	5.7	8.5
42	10.1	8.1	12.1
44	5.1	4.1	6.1

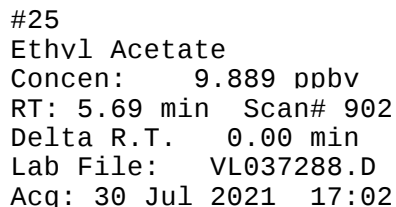


#24
 1,1-Dichloroethane
 Concen: 8.516 ppbv
 RT: 5.02 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: VL037288.D
 Acq: 30 Jul 2021 17:02

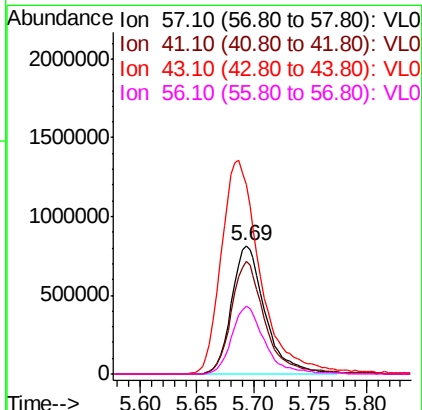
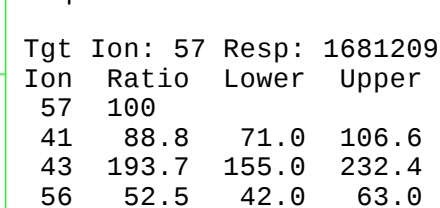
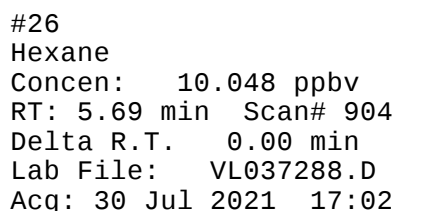
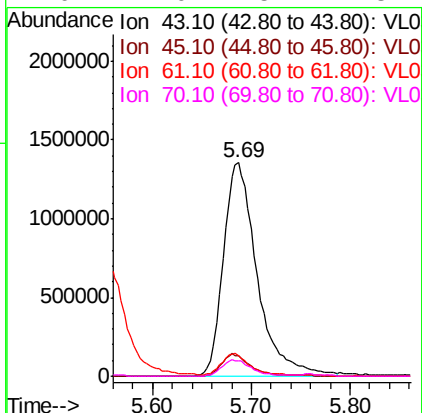
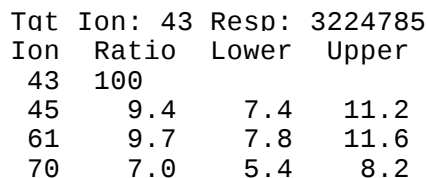
Tgt Ion: 63 Resp: 1421456

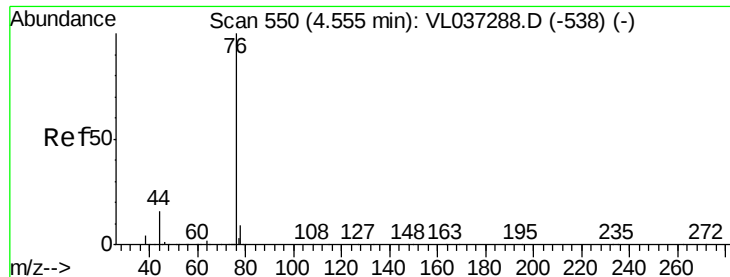
Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.0	5.8
100	2.8	1.4	4.2





Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010





#27

Carbon Disulfide

Concen: 10.283 ppbv

RT: 4.56 min Scan# 550

Delta R.T. 0.00 min

Lab File: VL037288.D

Acq: 30 Jul 2021 17:02

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

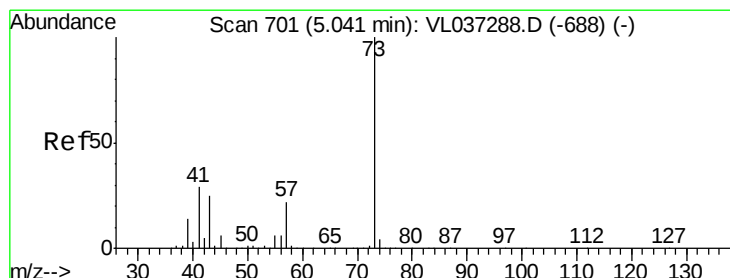
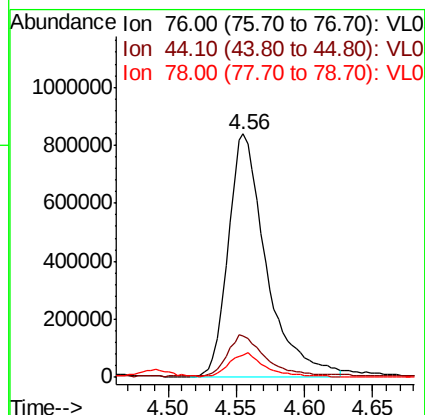
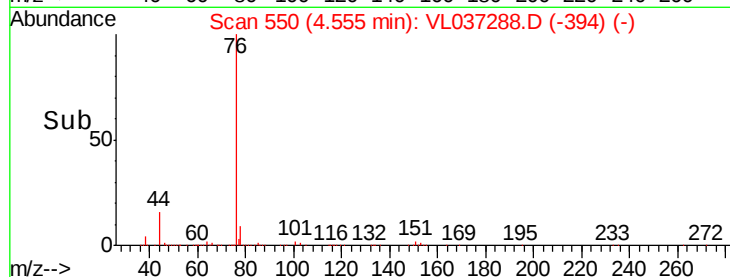
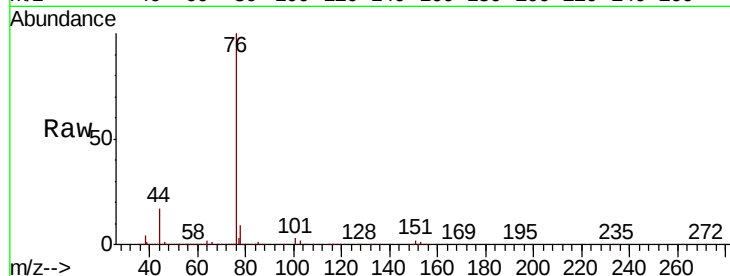
Tot Ion: 76 Resp: 1623491

Ion	Ratio	Lower	Upper
76	100		
44	17.6	14.1	21.1
78	10.0	8.0	12.0

76 100

44 17.6 14.1 21.1

78 10.0 8.0 12.0



#28

Methyl tert-Butyl Ether

Concen: 8.069 ppbv

RT: 5.04 min Scan# 701

Delta R.T. 0.00 min

Lab File: VL037288.D

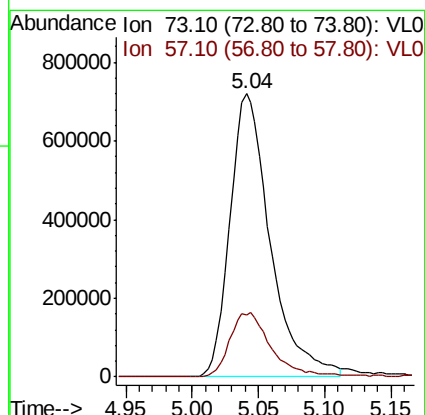
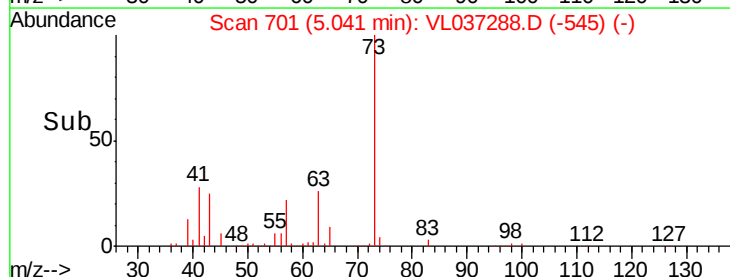
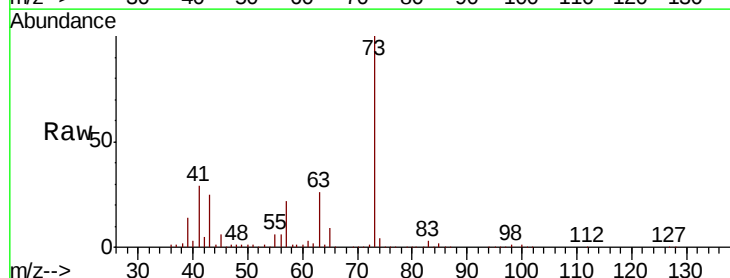
Acq: 30 Jul 2021 17:02

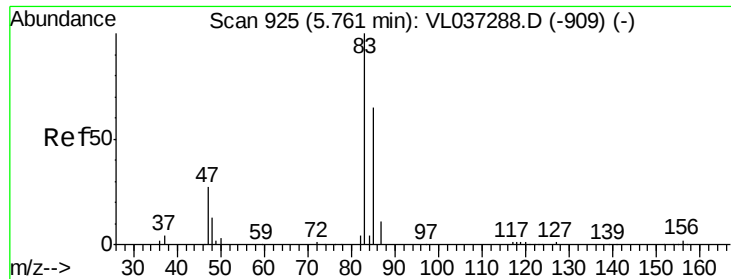
Tgt Ion: 73 Resp: 1514768

Ion	Ratio	Lower	Upper
73	100		
57	23.8	19.0	28.6

73 100

57 23.8 19.0 28.6

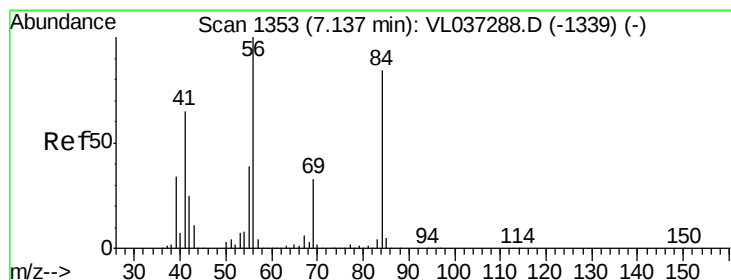
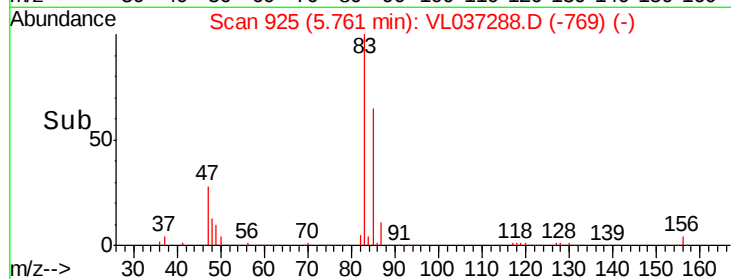
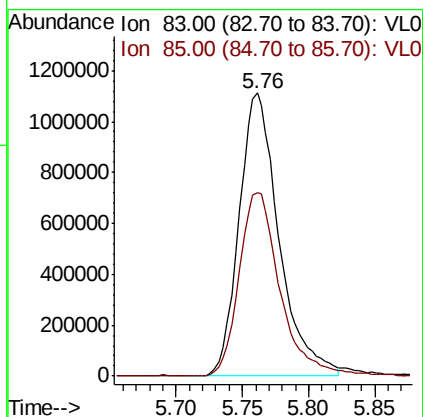
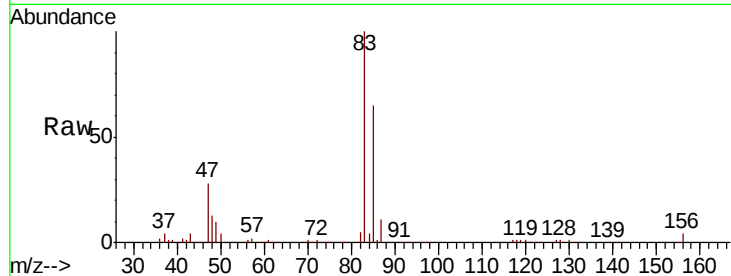




#29
Chloroform
Concen: 9.296 ppbv
RT: 5.76 min Scan# 925
Delta R.T. 0.00 min
Lab File: VL037288.D
Acq: 30 Jul 2021 17:02

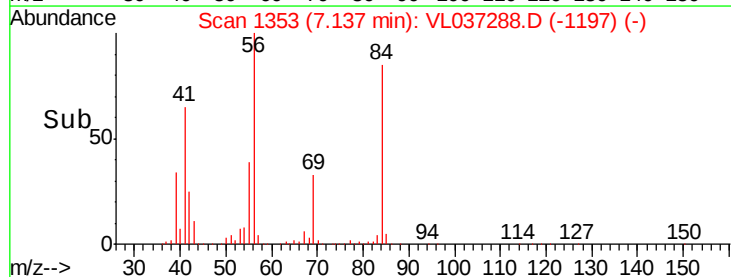
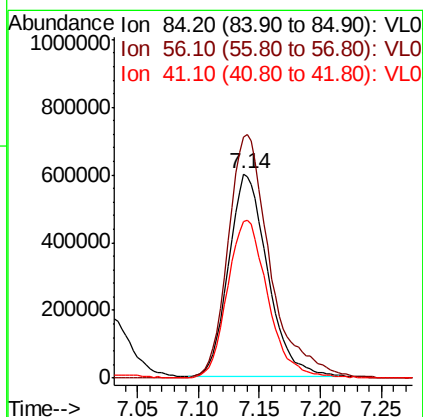
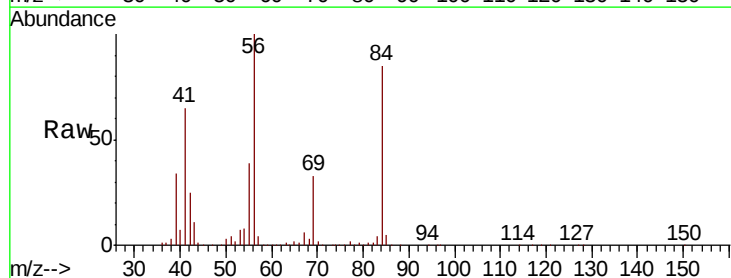
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

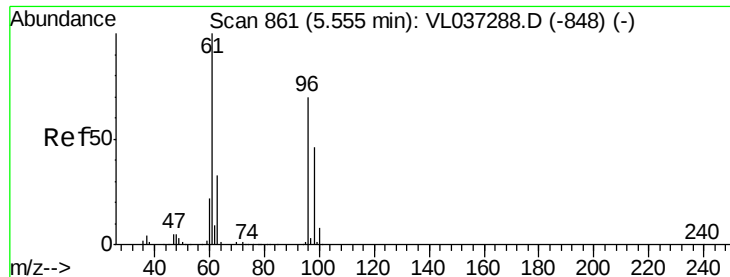
Tot Ion: 83 Resp: 2333831
Ion Ratio Lower Upper
83 100
85 64.9 51.9 77.9



#30
Cyclohexane
Concen: 9.747 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. 0.00 min
Lab File: VL037288.D
Acq: 30 Jul 2021 17:02

Tgt Ion: 84 Resp: 1333581
Ion Ratio Lower Upper
84 100
56 130.1 104.1 156.1
41 80.6 64.7 97.1



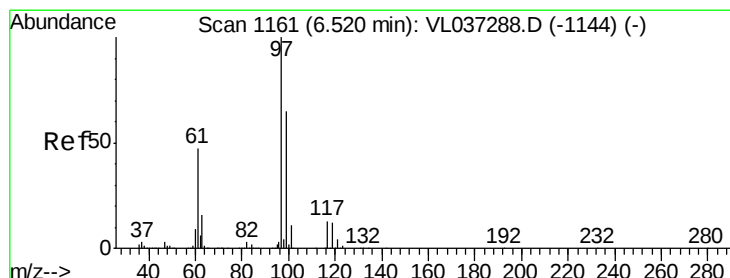
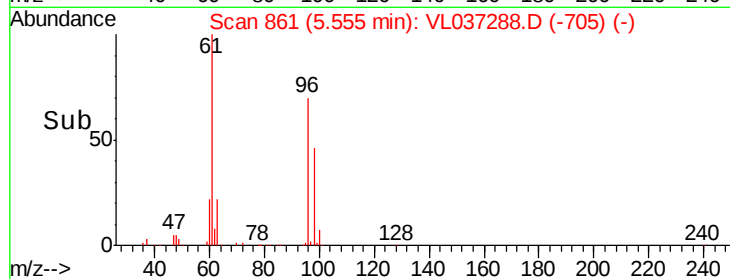
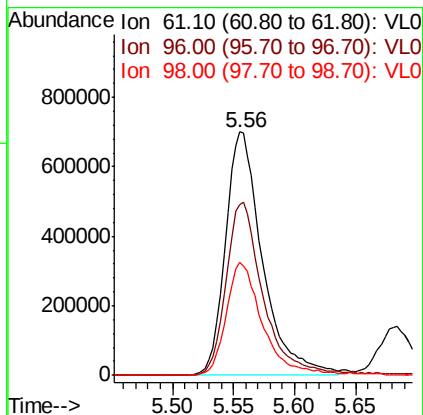
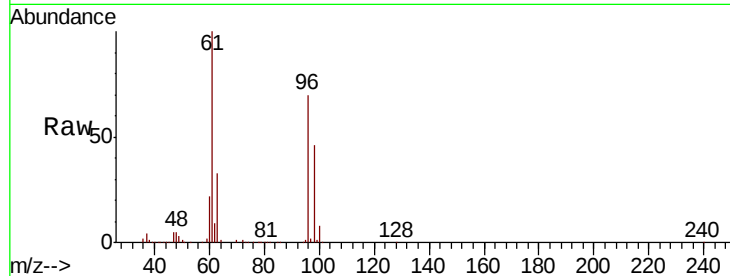


#31

cis-1,2-Dichloroethene
 Concen: 9.843 ppbv
 RT: 5.56 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: VL037288.D
 Acq: 30 Jul 2021 17:02

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

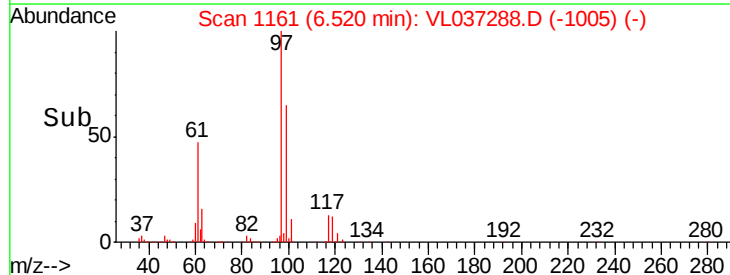
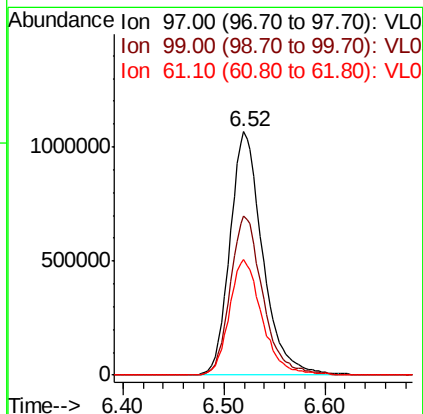
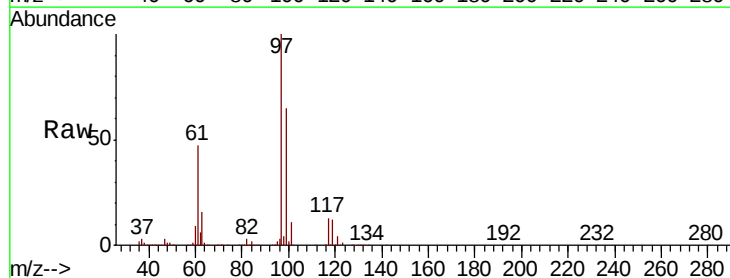
Tot Ion: 61 Resp: 1480090
 Ion Ratio Lower Upper
 61 100
 96 69.9 55.9 83.9
 98 46.4 37.1 55.7

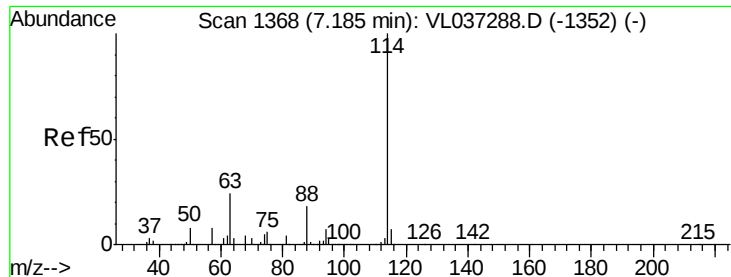


#32

1,1,1-Trichloroethane
 Concen: 8.982 ppbv
 RT: 6.52 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VL037288.D
 Acq: 30 Jul 2021 17:02

Tgt Ion: 97 Resp: 2404111
 Ion Ratio Lower Upper
 97 100
 99 65.6 52.5 78.7
 61 47.8 38.2 57.4

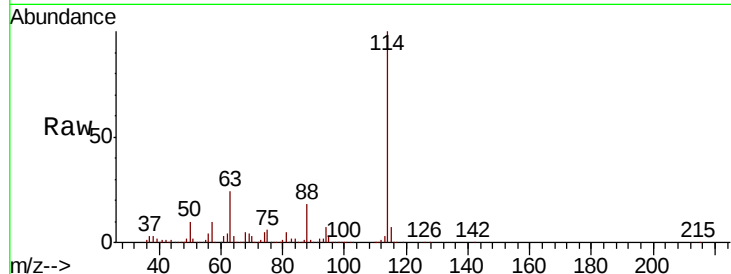




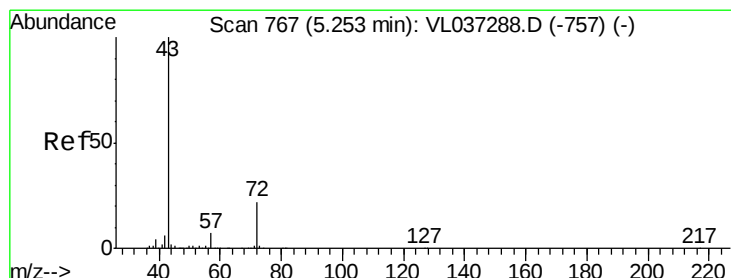
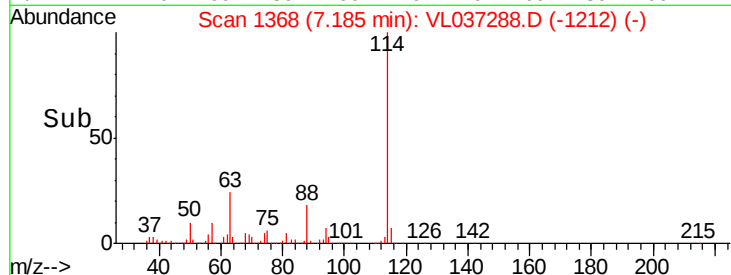
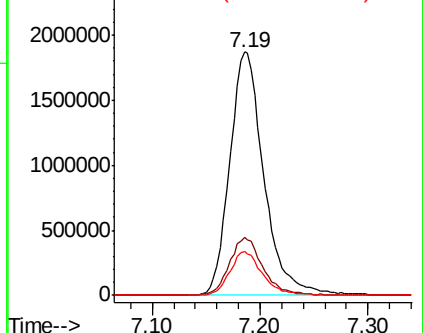
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VL037288.D
 Acq: 30 Jul 2021 17:02

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion:114 Resp: 4118069
 Ion Ratio Lower Upper
 114 100
 63 23.8 19.0 28.4
 88 17.5 14.0 21.0

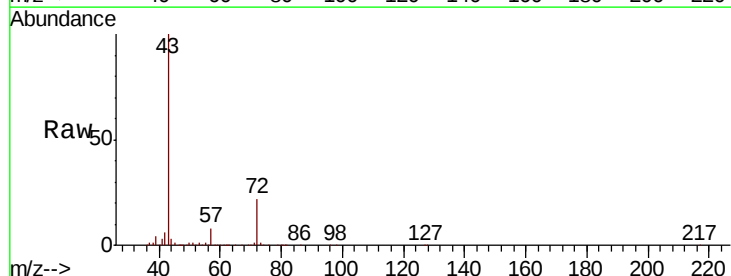


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

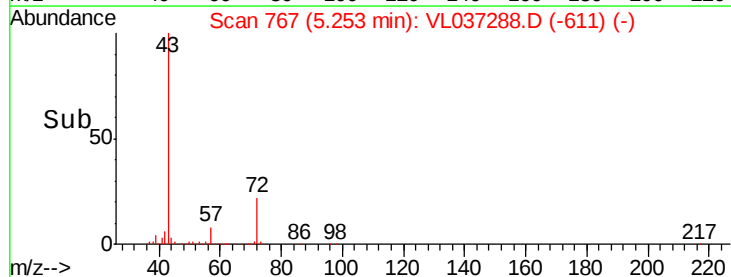
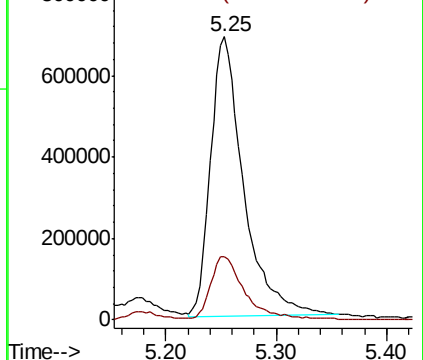


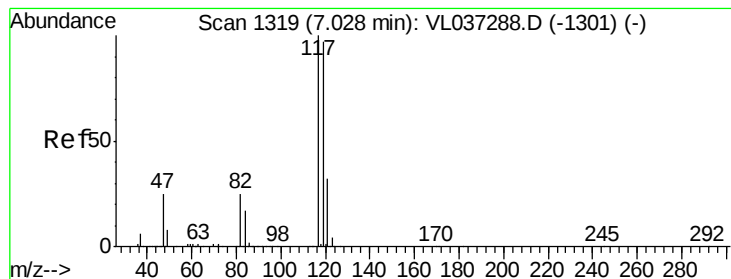
#34
 2-Butanone
 Concen: 8.875 ppbv
 RT: 5.25 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: VL037288.D
 Acq: 30 Jul 2021 17:02

Tgt Ion: 43 Resp: 1420343
 Ion Ratio Lower Upper
 43 100
 72 23.1 18.5 27.7



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





#35

Carbon Tetrachloride

Concen: 9.292 ppbv

RT: 7.03 min Scan# 1319

Delta R.T. 0.00 min

Lab File: VL037288.D

Acq: 30 Jul 2021 17:02

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

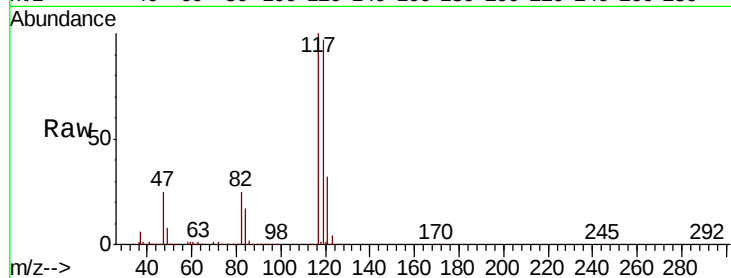
Tot Ion:117 Resp: 2543046

Ion Ratio Lower Upper

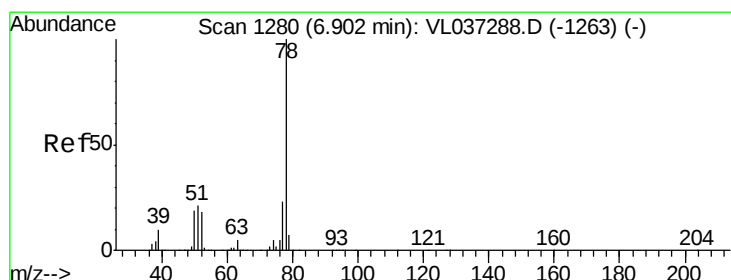
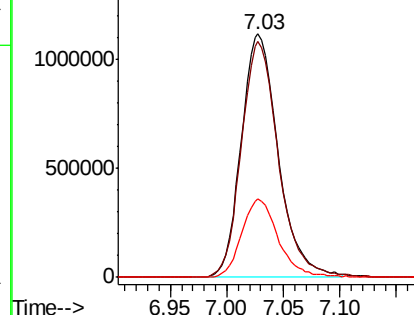
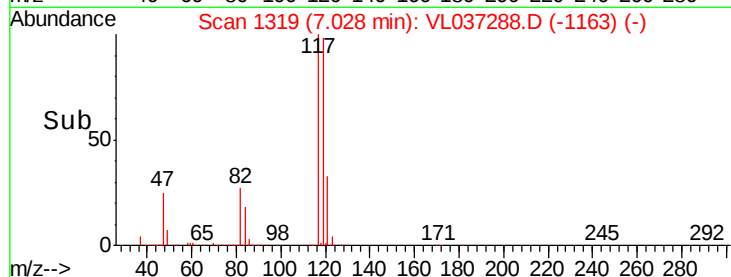
117 100

119 96.8 77.4 116.2

121 32.3 25.8 38.8



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 9.570 ppbv

RT: 6.90 min Scan# 1280

Delta R.T. 0.00 min

Lab File: VL037288.D

Acq: 30 Jul 2021 17:02

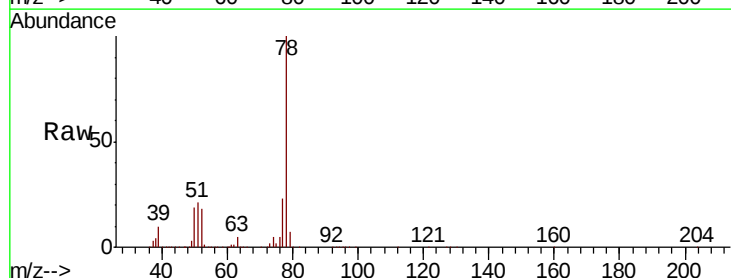
Tgt Ion: 78 Resp: 3196973

Ion Ratio Lower Upper

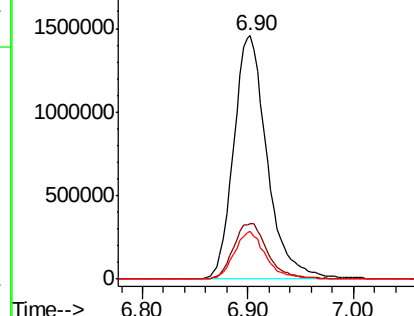
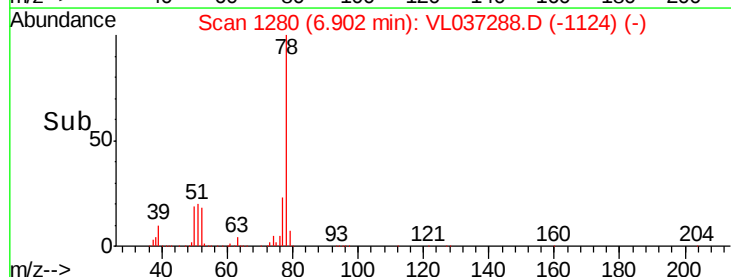
78 100

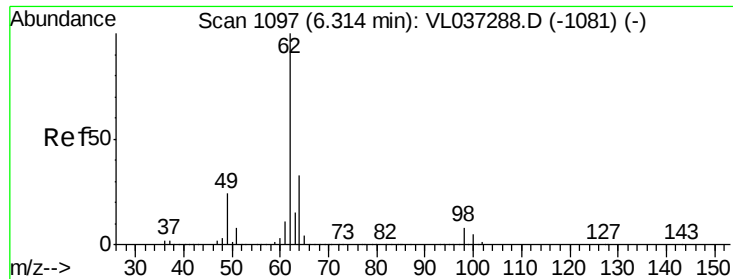
77 22.9 18.3 27.5

50 19.4 15.5 23.3



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

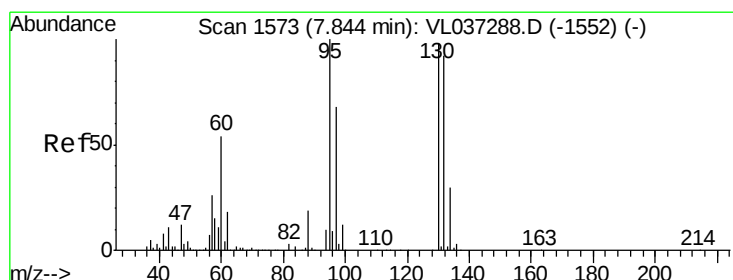
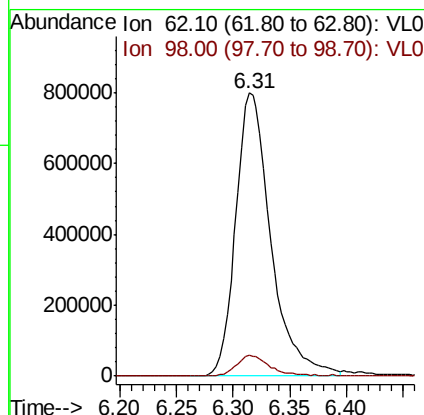
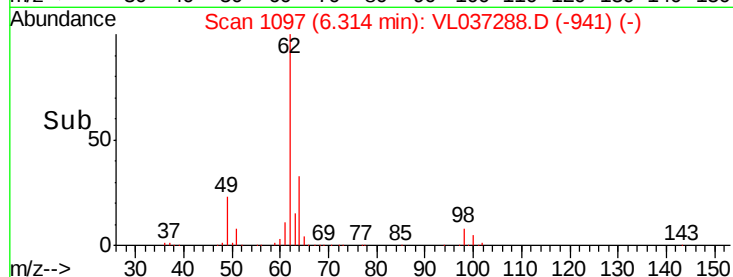
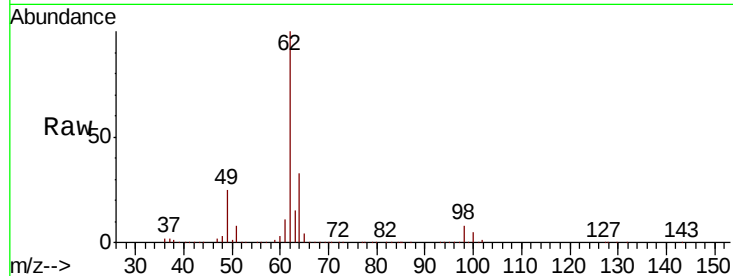




#37
 1,2-Dichloroethane
 Concen: 9.050 ppbv
 RT: 6.31 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: VL037288.D
 Acq: 30 Jul 2021 17:02

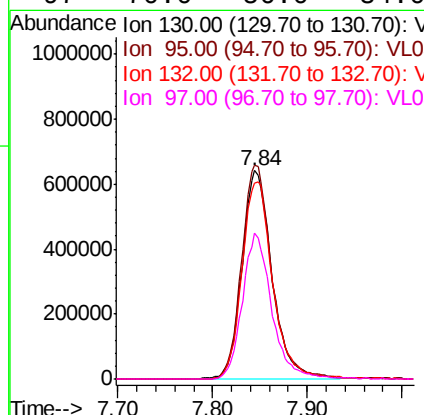
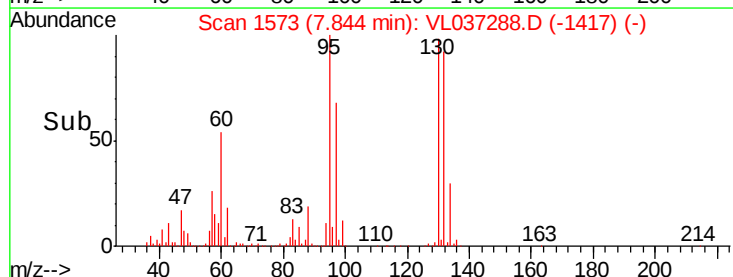
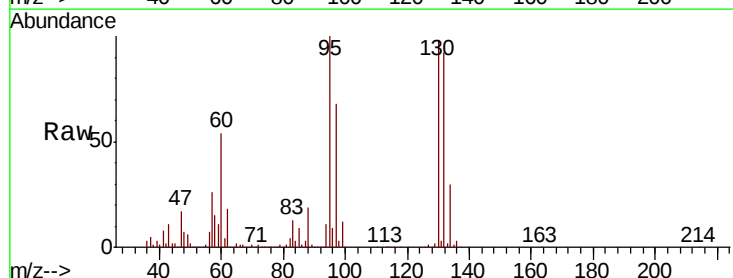
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

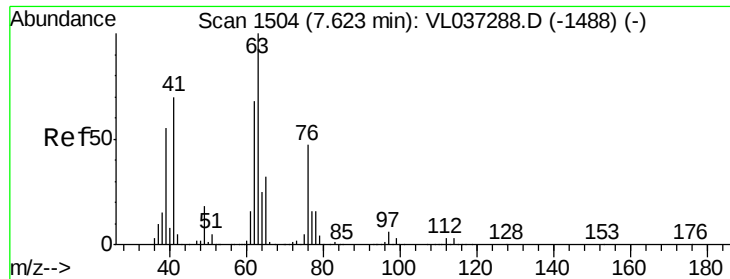
Tot Ion: 62 Resp: 1731980
 Ion Ratio Lower Upper
 62 100
 98 7.2 5.8 8.6



#38
 Trichloroethene
 Concen: 8.854 ppbv
 RT: 7.84 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VL037288.D
 Acq: 30 Jul 2021 17:02

Tgt Ion:130 Resp: 1412321
 Ion Ratio Lower Upper
 130 100
 95 102.5 82.0 123.0
 132 93.8 75.0 112.6
 97 70.0 56.0 84.0





#39

1,2-Dichloropropane

Concen: 9.746 ppbv

RT: 7.62 min Scan# 1504

Delta R.T. 0.00 min

Lab File: VL037288.D

Acq: 30 Jul 2021 17:02

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

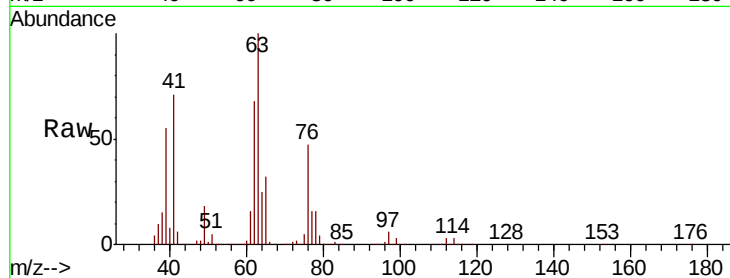
Tot Ion: 63 Resp: 1204871

Ion Ratio Lower Upper

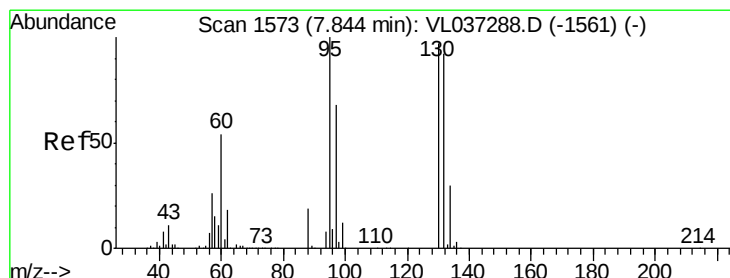
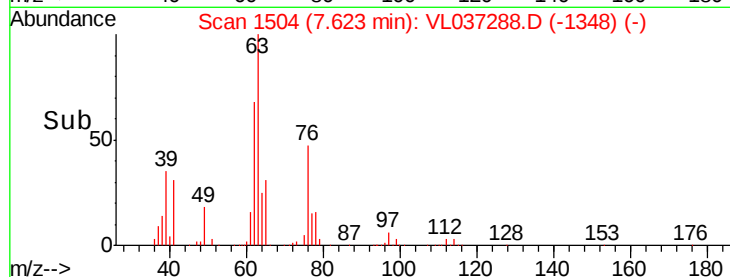
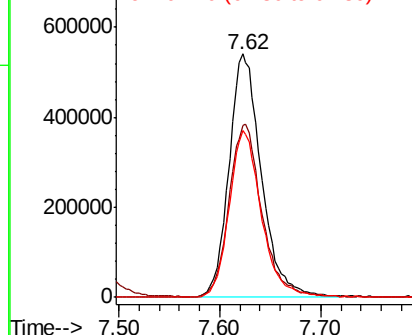
63 100

41 70.5 56.4 84.6

62 68.3 54.6 82.0



Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 62.10 (61.80 to 62.80): VL0



#40

1,4-Dioxane

Concen: 9.577 ppbv

RT: 7.84 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VL037288.D

Acq: 30 Jul 2021 17:02

Tgt Ion: 88 Resp: 322514

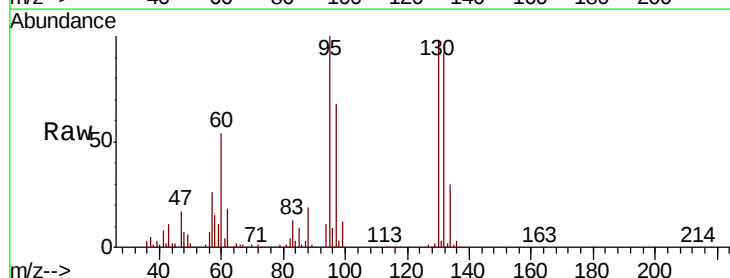
Ion Ratio Lower Upper

88 100

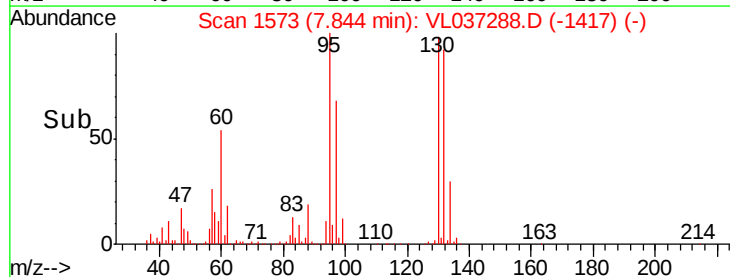
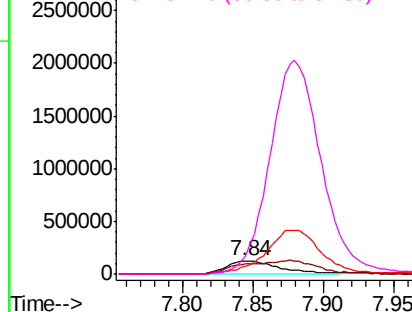
58 149.0 119.2 178.8

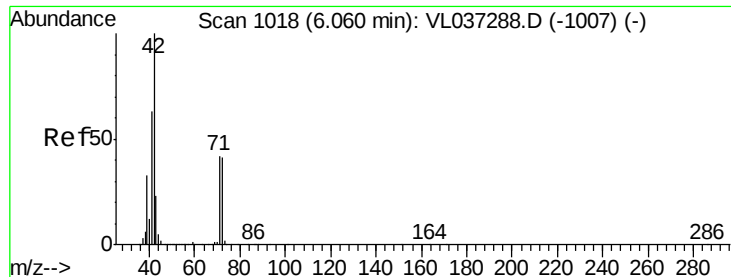
43 352.7 282.2 423.2

57 1610.9 1288.7 1933.1



Abundance Ion 88.10 (87.80 to 88.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 57.10 (56.80 to 57.80): VL0





#41

Tetrahydrofuran

Concen: 9.669 ppbv

RT: 6.06 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VL037288.D

Acq: 30 Jul 2021 17:02

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

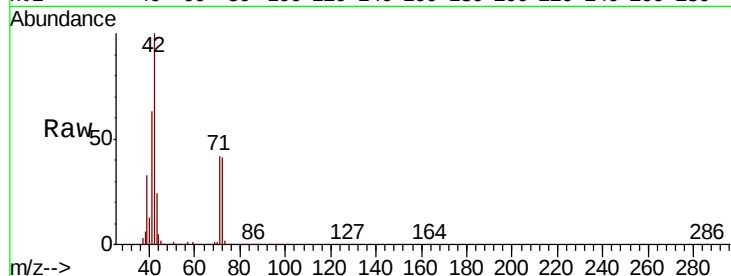
Tot Ion: 42 Resp: 719308

Ion Ratio Lower Upper

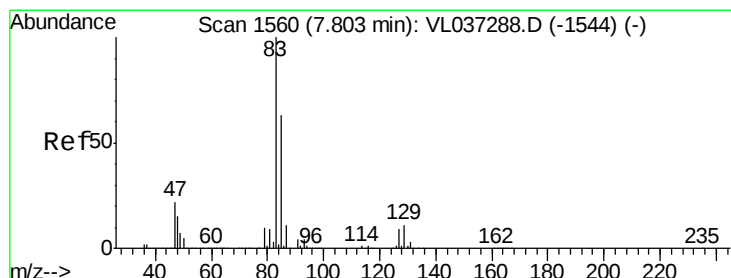
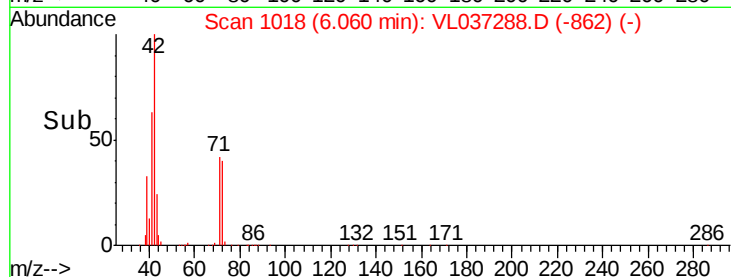
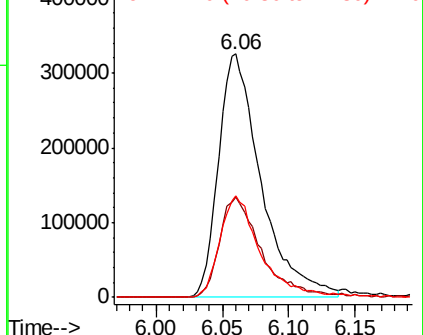
42 100

72 41.6 33.0 49.6

71 40.9 32.7 49.1



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: 9.572 ppbv

RT: 7.80 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VL037288.D

Acq: 30 Jul 2021 17:02

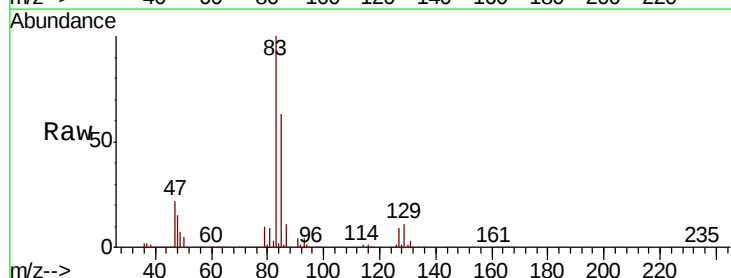
Tgt Ion: 83 Resp: 2529248

Ion Ratio Lower Upper

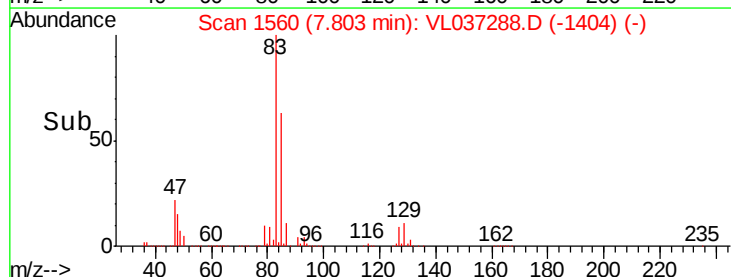
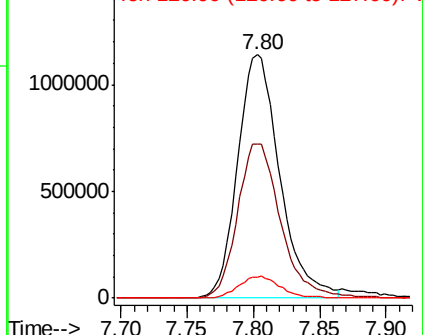
83 100

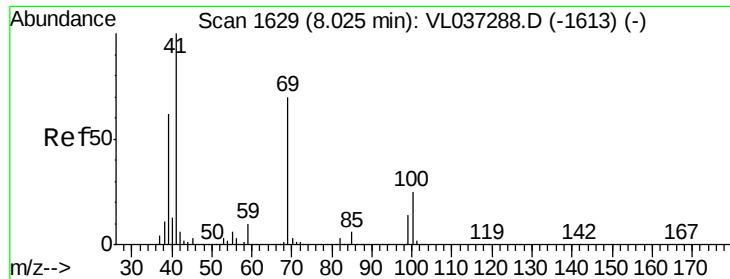
85 63.1 50.5 75.7

127 8.8 7.0 10.6



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

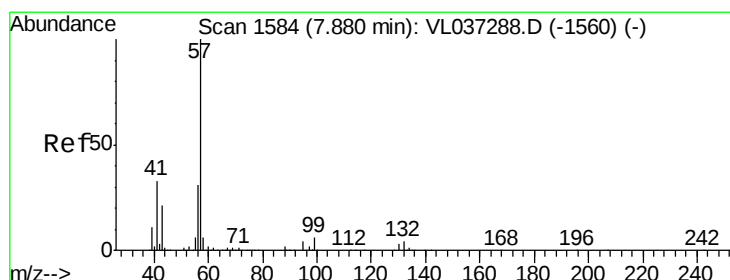
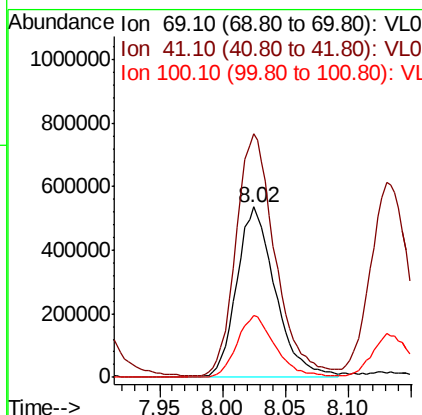
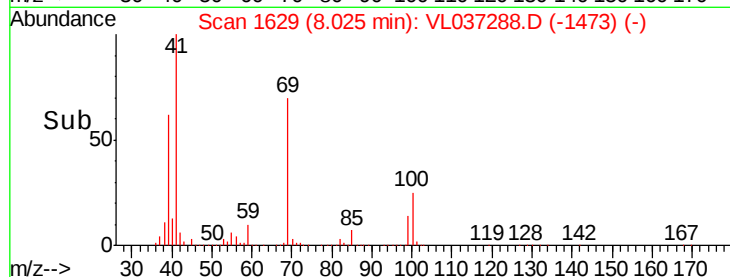
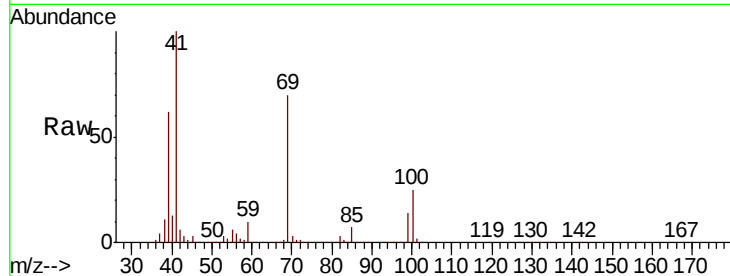




#43
Methyl Methacrylate
Concen: 10.008 ppbv
RT: 8.02 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VL037288.D
Acq: 30 Jul 2021 17:02

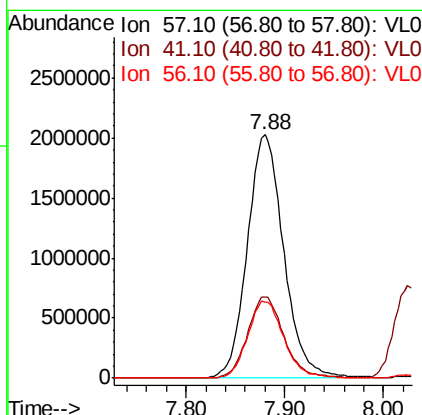
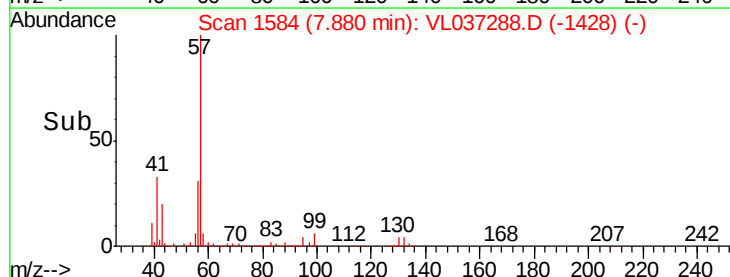
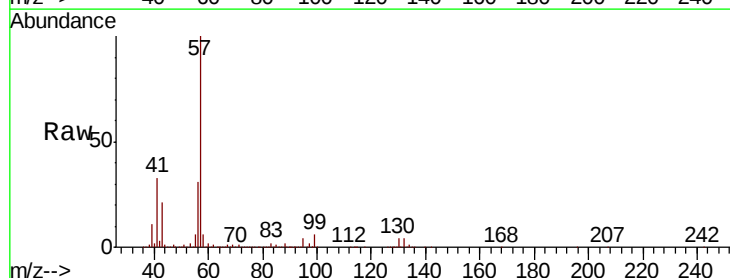
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

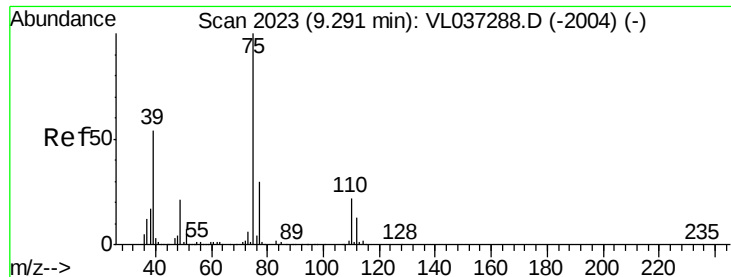
Tot Ion: 69 Resp: 1149151
Ion Ratio Lower Upper
69 100
41 145.6 116.5 174.7
100 35.9 28.7 43.1



#44
2,2,4-Trimethylpentane
Concen: 9.195 ppbv
RT: 7.88 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VL037288.D
Acq: 30 Jul 2021 17:02

Tgt Ion: 57 Resp: 5157786
Ion Ratio Lower Upper
57 100
41 33.3 26.6 40.0
56 31.6 25.3 37.9

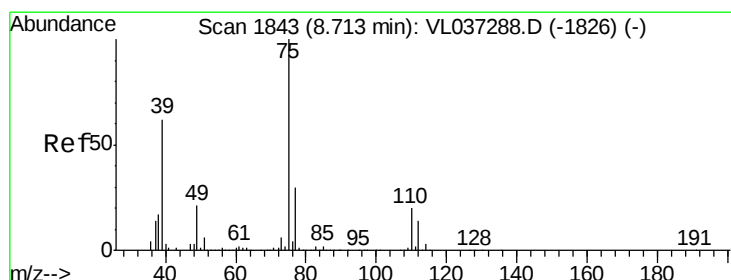
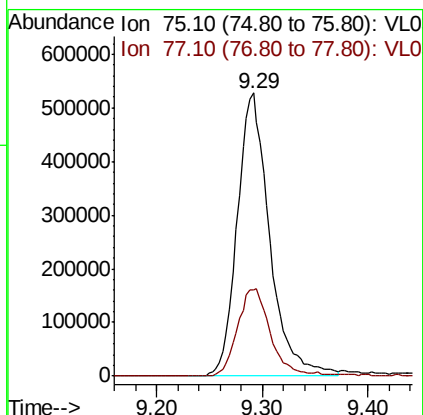
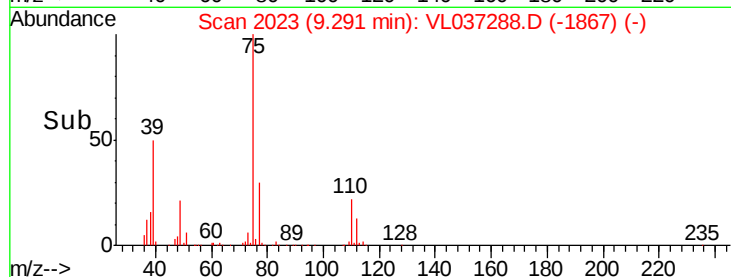
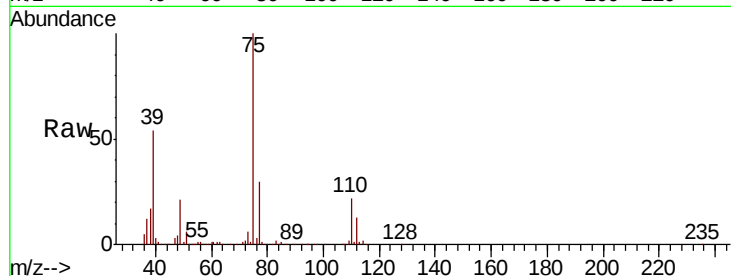




#45
 t-1,3-Dichloropropene
 Concen: 11.228 ppbv
 RT: 9.29 min Scan# 2023
 Delta R.T. 0.00 min
 Lab File: VL037288.D
 Acq: 30 Jul 2021 17:02

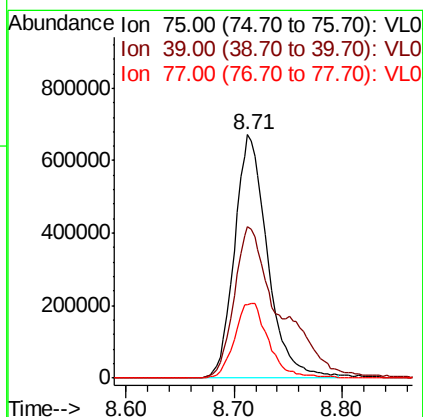
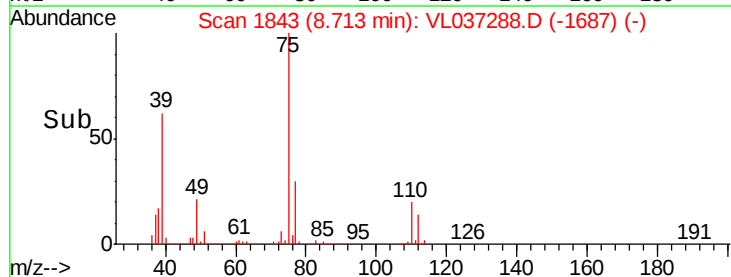
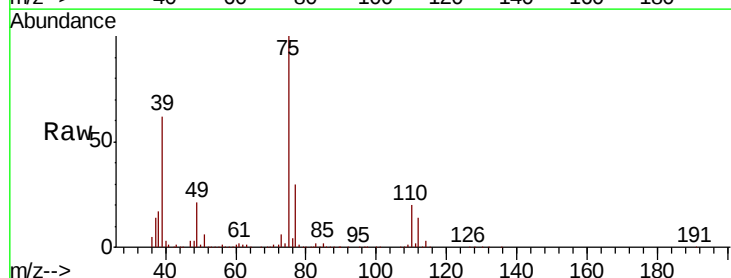
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

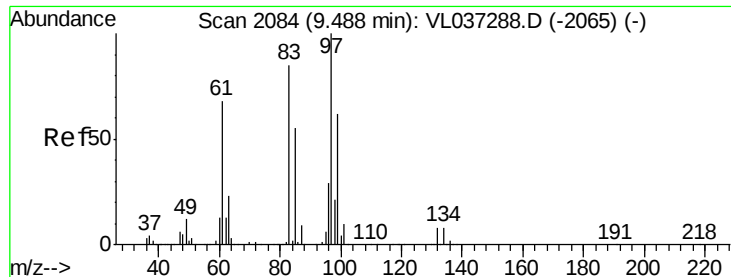
Tot Ion: 75 Resp: 1122351
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.3 36.5



#46
 cis-1,3-Dichloropropene
 Concen: 10.411 ppbv
 RT: 8.71 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VL037288.D
 Acq: 30 Jul 2021 17:02

Tgt Ion: 75 Resp: 1428313
 Ion Ratio Lower Upper
 75 100
 39 62.2 49.8 74.6
 77 30.4 24.3 36.5



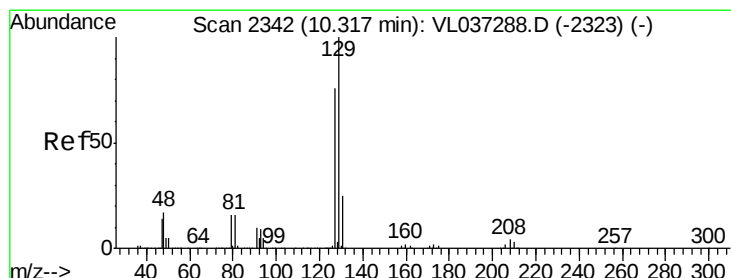
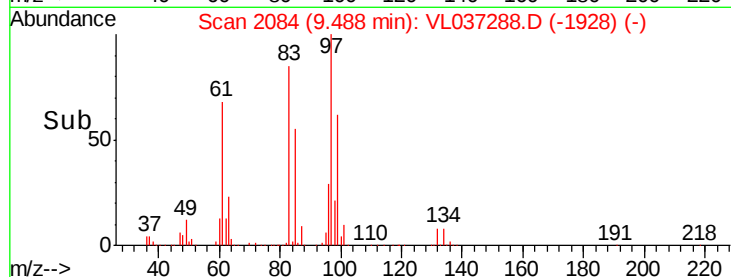
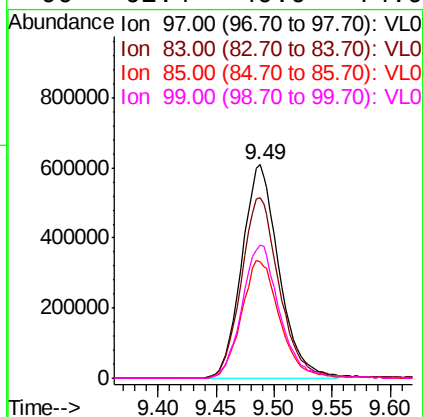
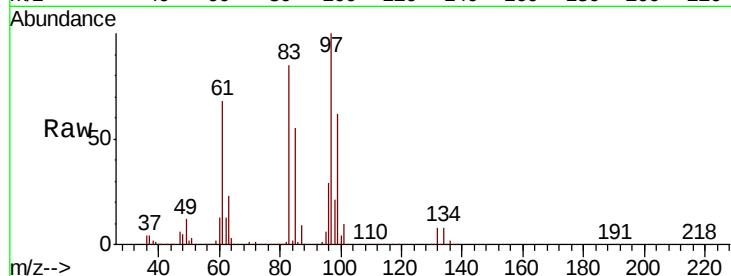


#47
 1,1,2-Trichloroethane
 Concen: 9.569 ppbv
 RT: 9.49 min Scan# 2084
 Delta R.T. 0.00 min
 Lab File: VL037288.D
 Acq: 30 Jul 2021 17:02

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion: 97 Resp: 1356358

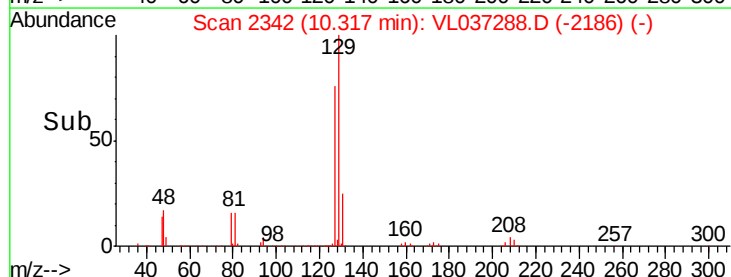
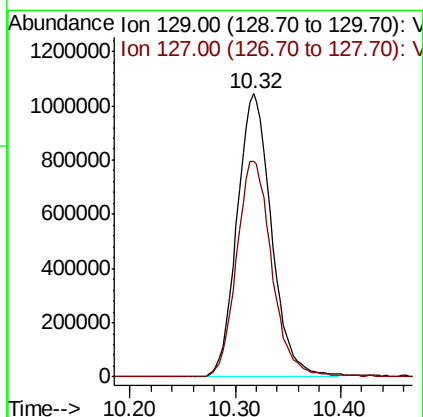
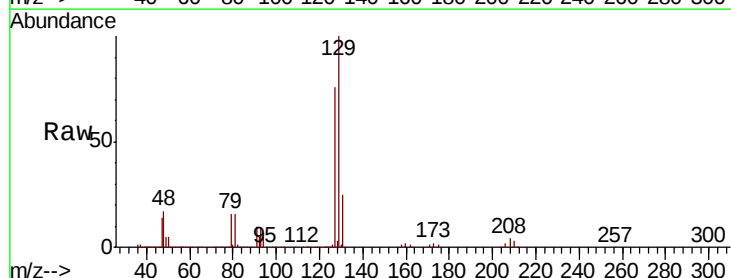
Ion	Ratio	Lower	Upper
97	100		
83	84.6	67.7	101.5
85	54.7	43.8	65.6
99	62.4	49.9	74.9

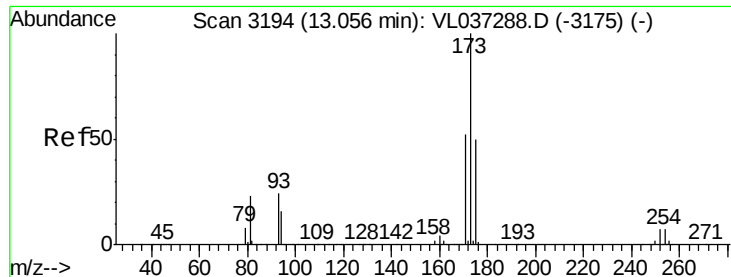


#48
 Dibromochloromethane
 Concen: 10.608 ppbv
 RT: 10.32 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VL037288.D
 Acq: 30 Jul 2021 17:02

Tgt Ion: 129 Resp: 2362687

Ion	Ratio	Lower	Upper
129	100		
127	78.5	39.5	118.3





#49

Bromoform

Concen: 11.827 ppbv

RT: 13.06 min Scan# 3194

Delta R.T. 0.00 min

Lab File: VL037288.D

Acq: 30 Jul 2021 17:02

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

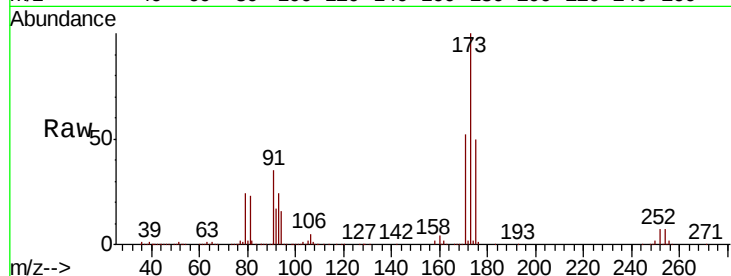
Tot Ion:173 Resp: 1988985

Ion Ratio Lower Upper

173 100

175 50.0 40.4 60.6

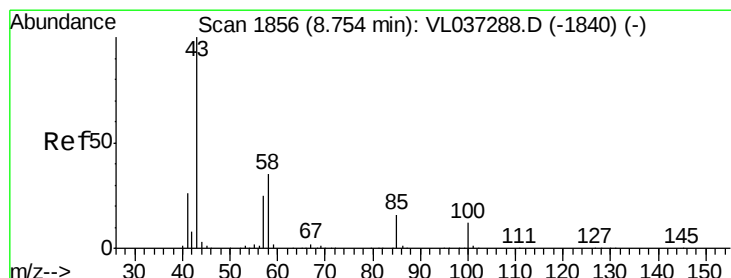
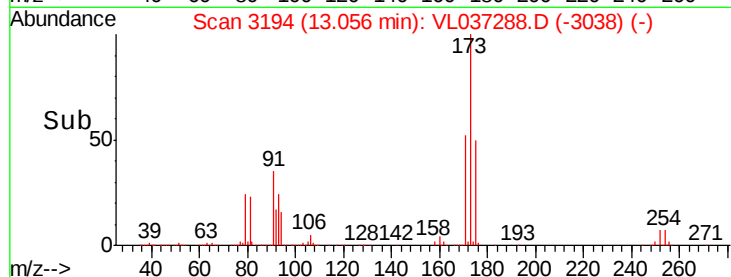
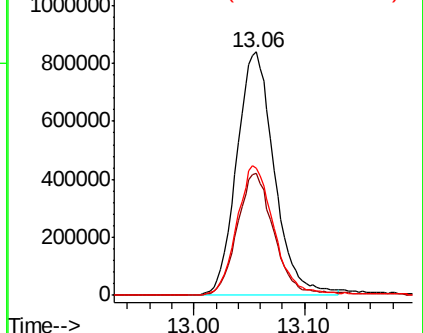
171 53.7 43.3 64.9



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: 9.530 ppbv

RT: 8.75 min Scan# 1856

Delta R.T. 0.00 min

Lab File: VL037288.D

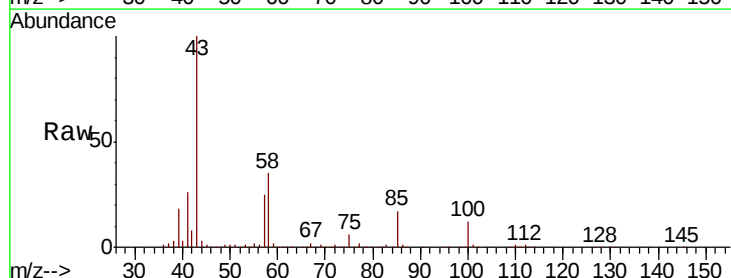
Acq: 30 Jul 2021 17:02

Tgt Ion: 43 Resp: 2076479

Ion Ratio Lower Upper

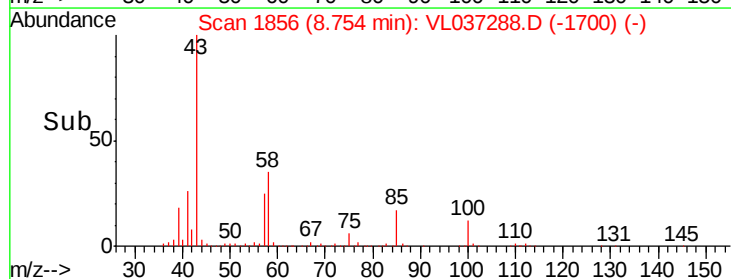
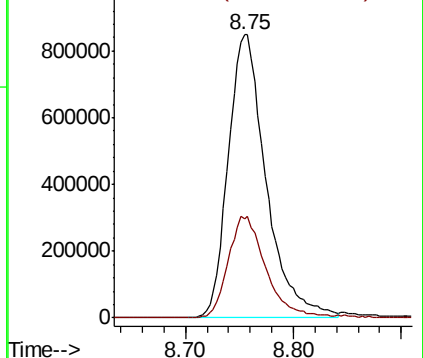
43 100

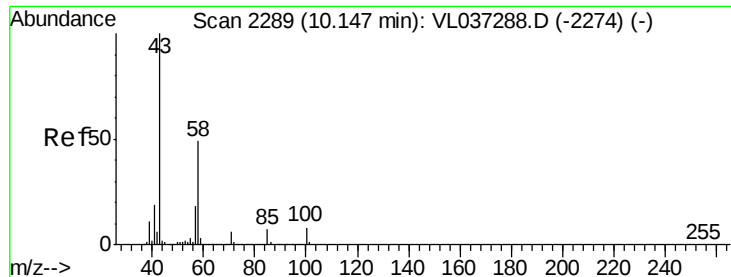
58 36.3 29.2 43.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

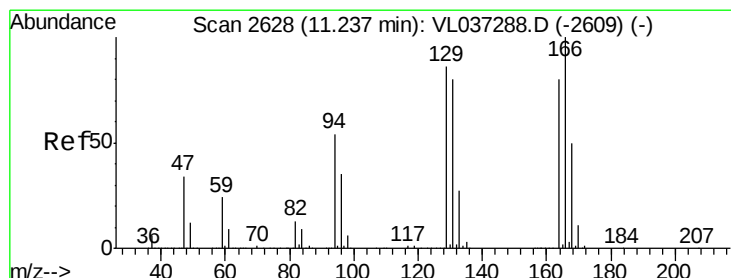
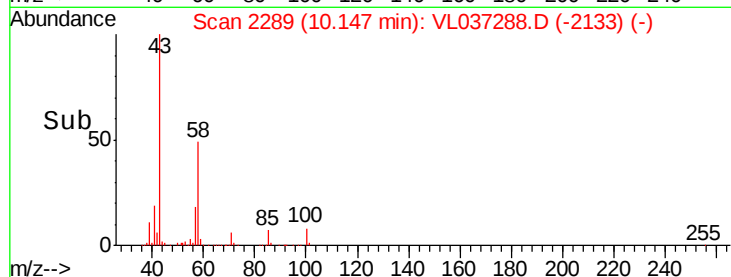
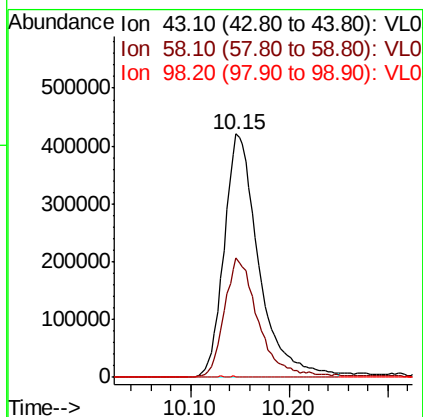
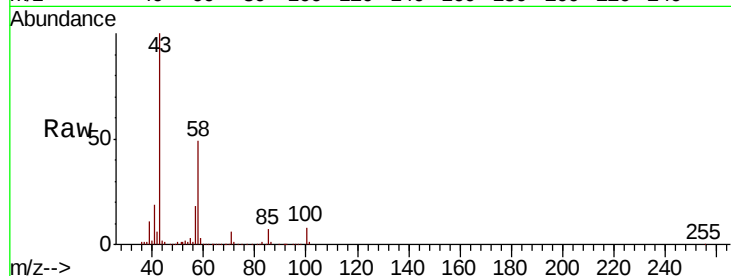




#51
2-Hexanone
Concen: 9.748 ppbv
RT: 10.15 min Scan# 2289
Delta R.T. 0.00 min
Lab File: VL037288.D
Acq: 30 Jul 2021 17:02

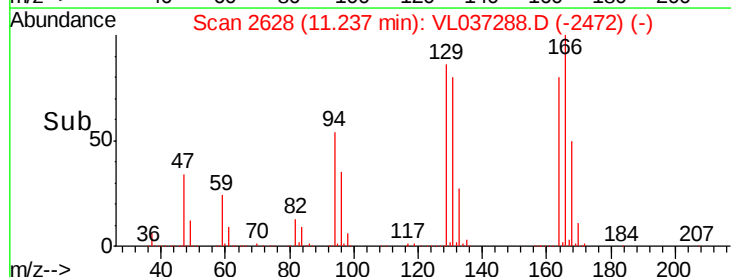
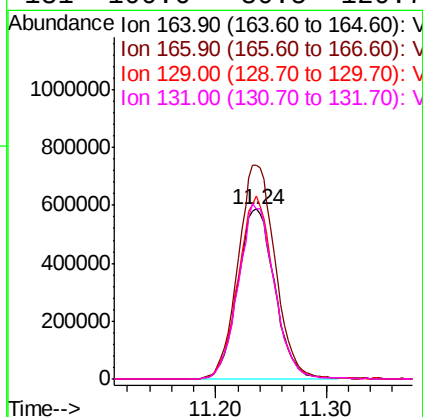
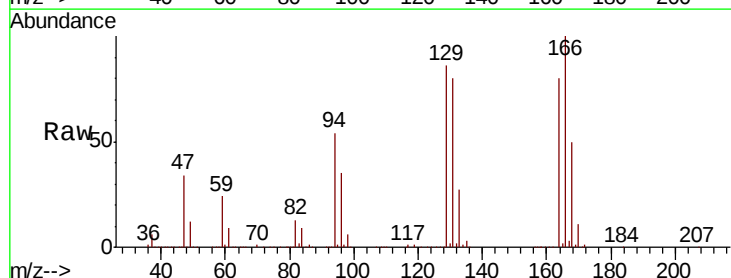
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

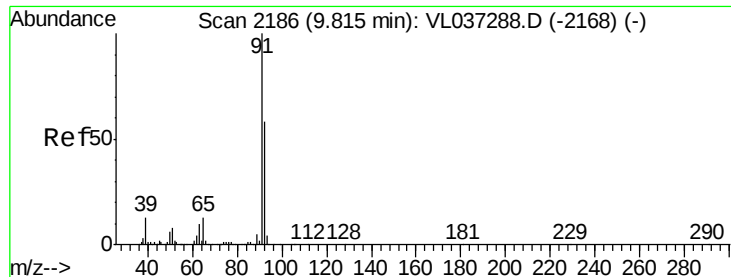
Tot Ion: 43 Resp: 1032385
Ion Ratio Lower Upper
43 100
58 48.4 39.0 58.4
98 0.5 0.4 0.6



#52
Tetrachloroethene
Concen: 8.747 ppbv
RT: 11.24 min Scan# 2628
Delta R.T. 0.00 min
Lab File: VL037288.D
Acq: 30 Jul 2021 17:02

Tgt Ion: 164 Resp: 1360243
Ion Ratio Lower Upper
164 100
166 125.5 100.4 150.6
129 107.8 86.2 129.4
131 100.6 80.5 120.7





#53

Toluene

Concen: 9.670 ppbv

RT: 9.82 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VL037288.D

Acq: 30 Jul 2021 17:02

Instrument :

MSVOA_L

ClientSampleId :

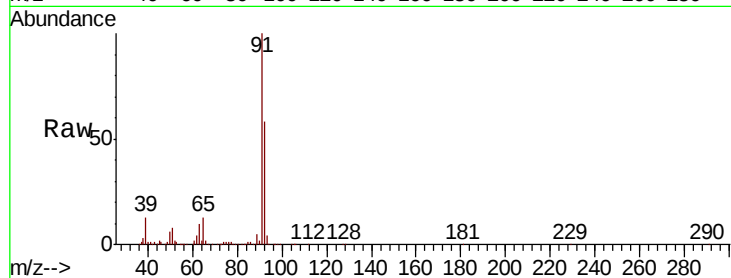
VSTDICCC010

Tot Ion: 91 Resp: 3868629

Ion Ratio Lower Upper

91 100

92 60.2 48.2 72.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

2000000 Ion 92.10 (91.80 to 92.80): VL0

1500000

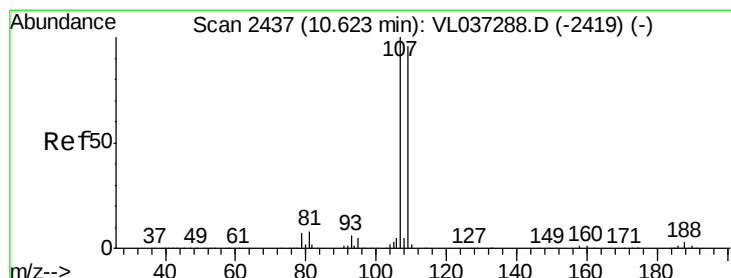
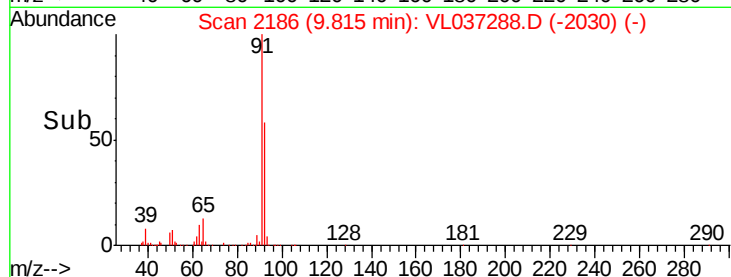
1000000

500000

0

9.70 9.80 9.90

Time-->



#54

1,2-Dibromoethane

Concen: 9.822 ppbv

RT: 10.62 min Scan# 2437

Delta R.T. 0.00 min

Lab File: VL037288.D

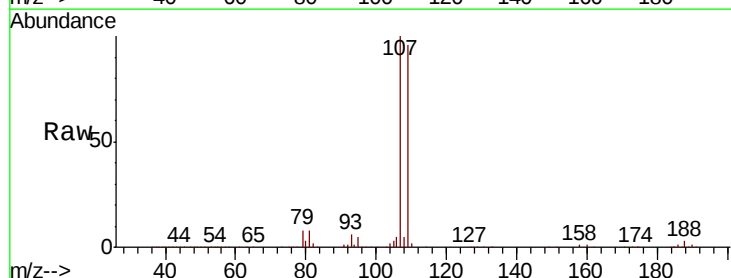
Acq: 30 Jul 2021 17:02

Tgt Ion: 107 Resp: 1997108

Ion Ratio Lower Upper

107 100

109 96.2 77.0 115.4



Abundance Ion 107.00 (106.70 to 107.70): V

1000000 Ion 109.00 (108.70 to 109.70): V

800000

600000

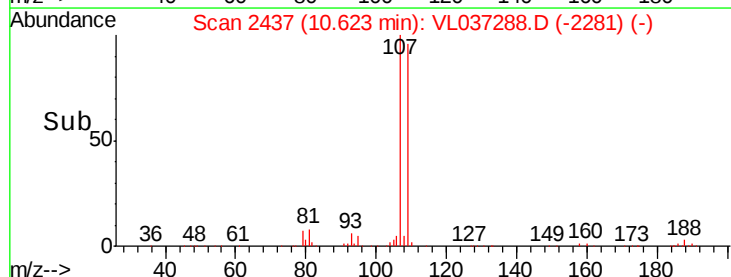
400000

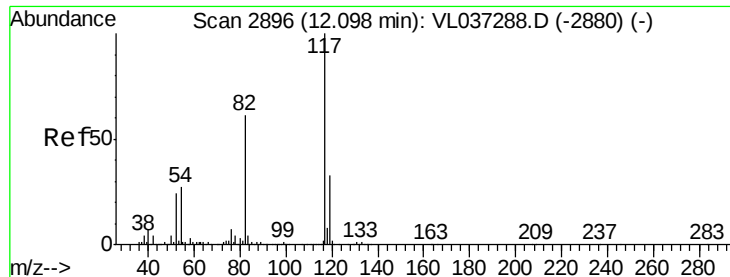
200000

0

10.60 10.70

Time-->

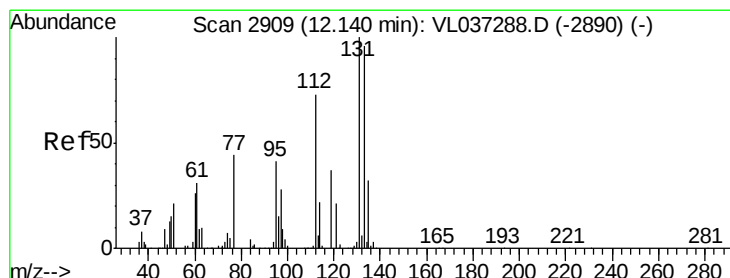
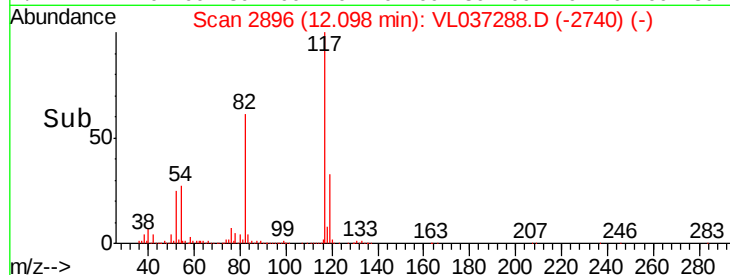
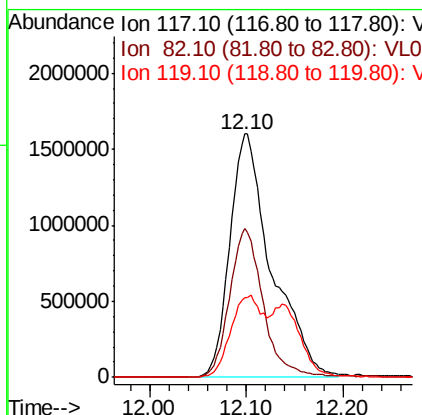
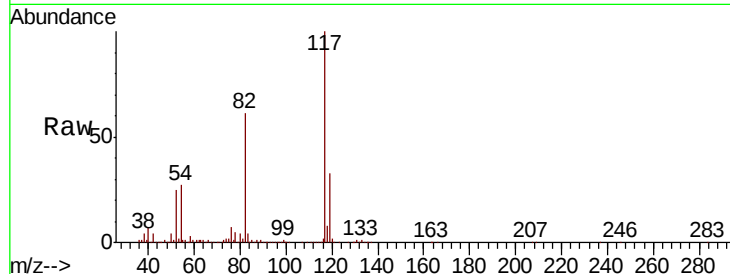




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2896
Delta R.T. 0.00 min
Lab File: VL037288.D
Acq: 30 Jul 2021 17:02

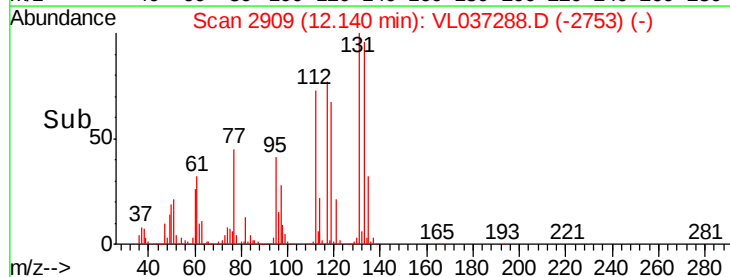
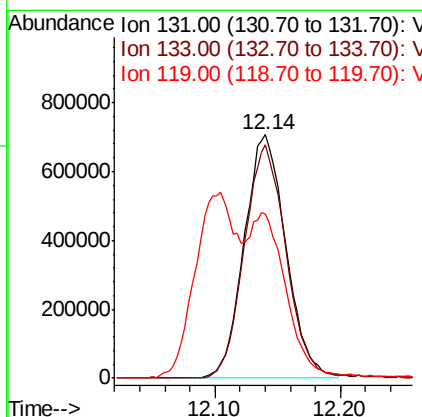
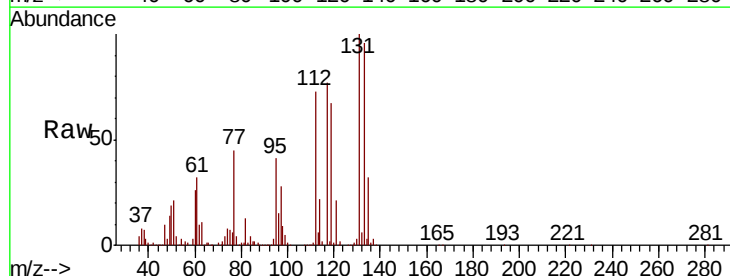
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

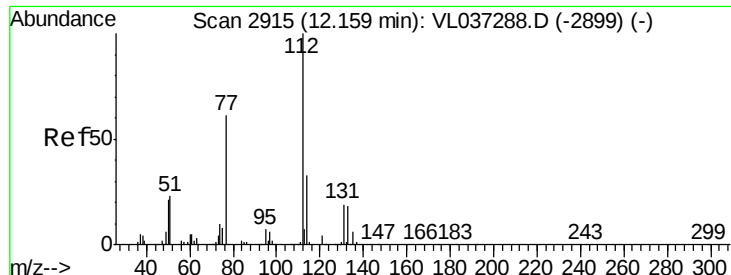
Tot Ion:117 Resp: 4803883
Ion Ratio Lower Upper
117 100
82 49.1 47.2 70.8
119 47.6 45.8 68.8



#56
1,1,1,2-Tetrachloroethane
Concen: 7.836 ppbv
RT: 12.14 min Scan# 2909
Delta R.T. 0.00 min
Lab File: VL037288.D
Acq: 30 Jul 2021 17:02

Tgt Ion:131 Resp: 1636499
Ion Ratio Lower Upper
131 100
133 96.8 77.4 116.2
119 63.7 51.0 76.4

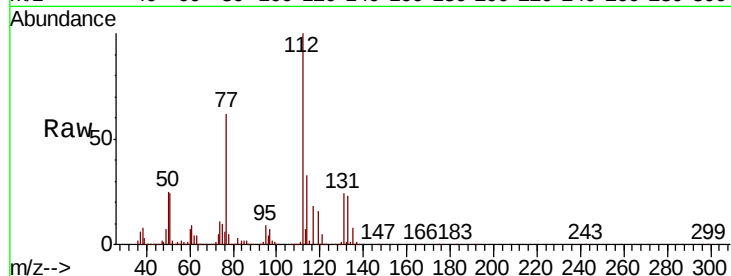




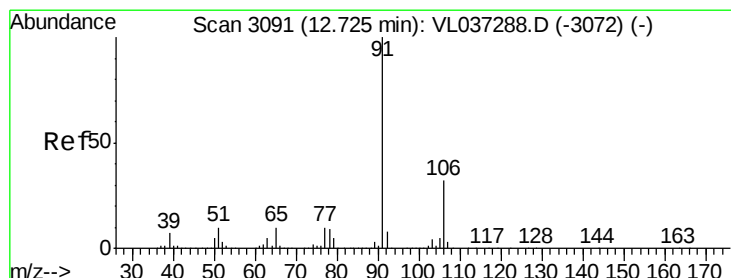
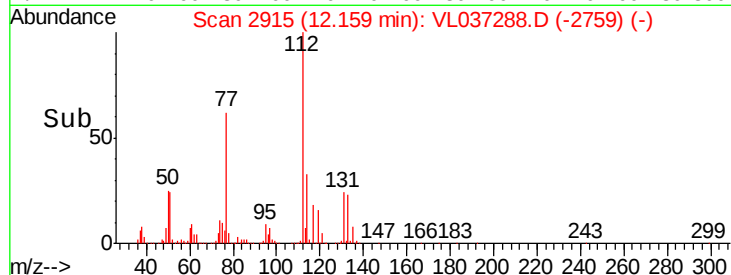
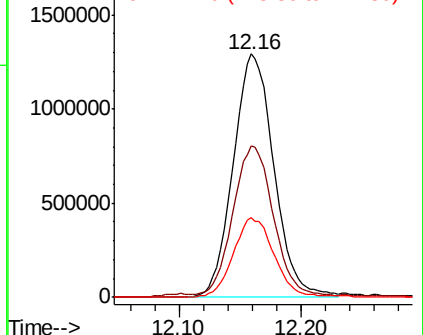
#57
Chlorobenzene
Concen: 7.656 ppbv
RT: 12.16 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VL037288.D
Acq: 30 Jul 2021 17:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion:112 Resp: 2983568
Ion Ratio Lower Upper
112 100
77 61.3 49.0 73.6
114 32.6 29.3 35.9

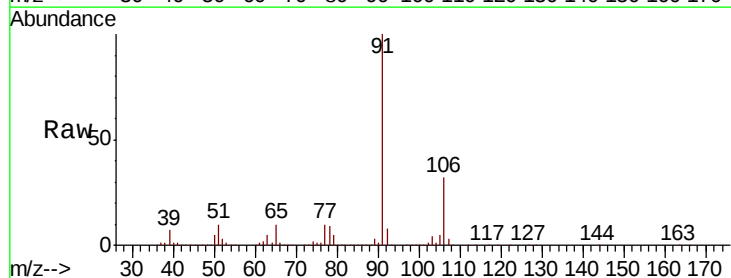


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

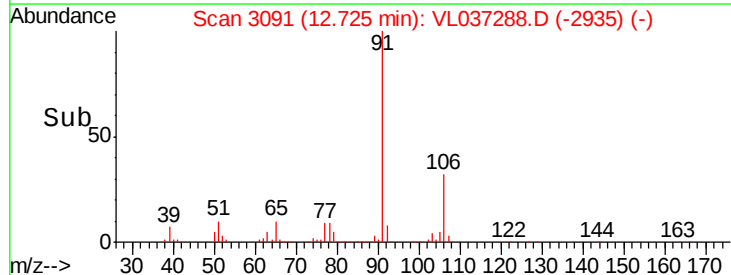
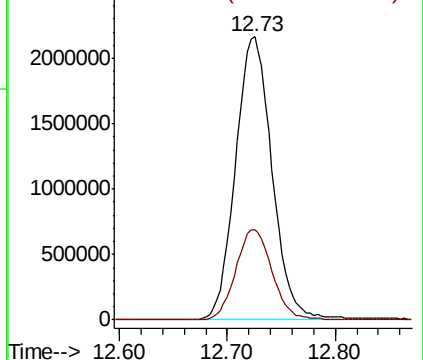


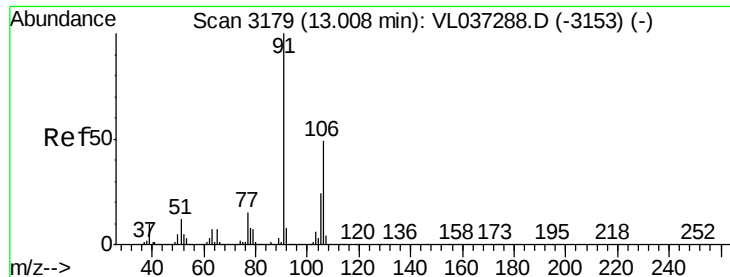
#58
Ethyl Benzene
Concen: 7.735 ppbv
RT: 12.73 min Scan# 3091
Delta R.T. 0.00 min
Lab File: VL037288.D
Acq: 30 Jul 2021 17:02

Tgt Ion: 91 Resp: 5094099
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.0



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

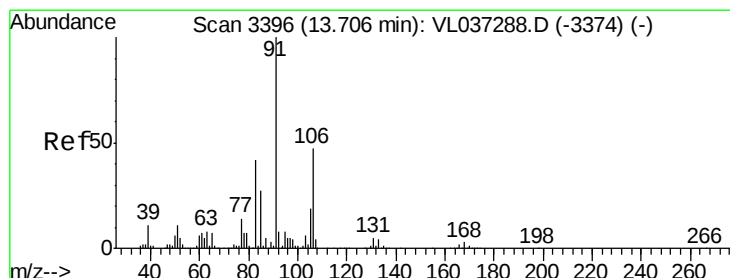
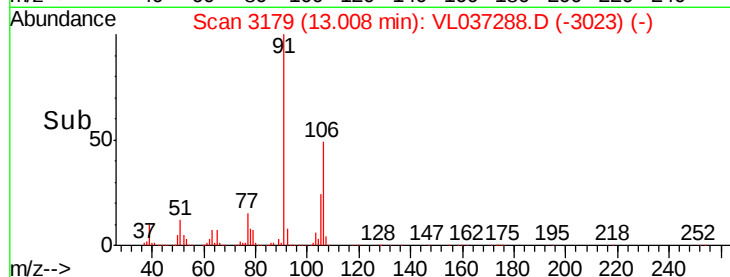
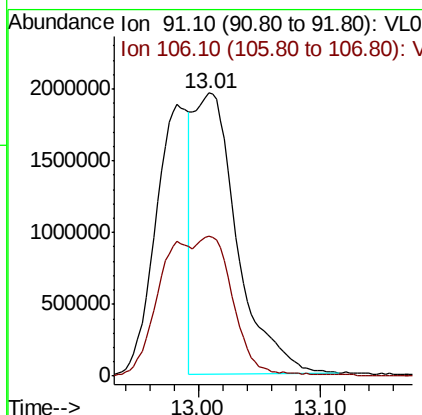
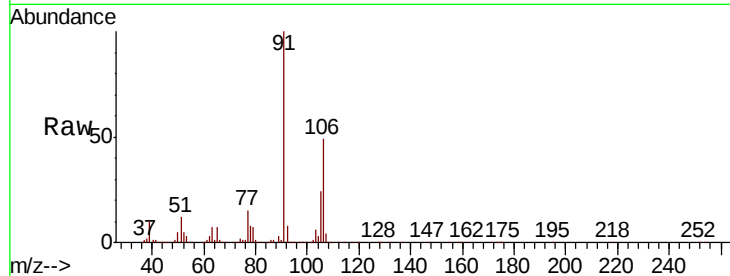




#59
m/p-Xylene
Concen: 8.687 ppbv
RT: 13.01 min Scan# 3179
Delta R.T. 0.00 min
Lab File: VL037288.D
Acq: 30 Jul 2021 17:02

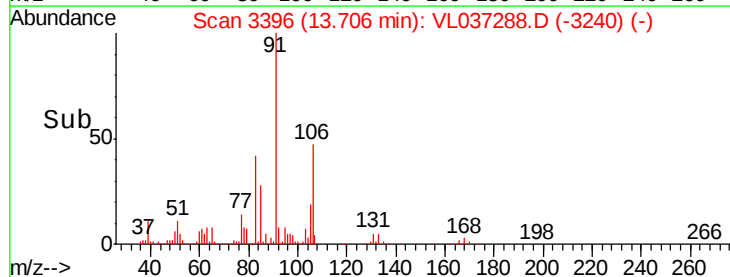
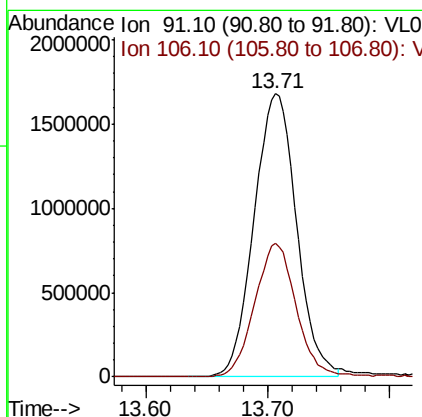
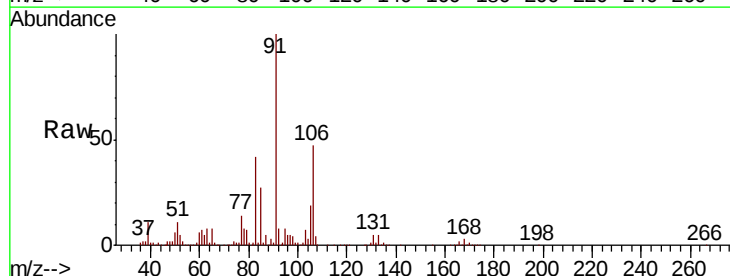
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

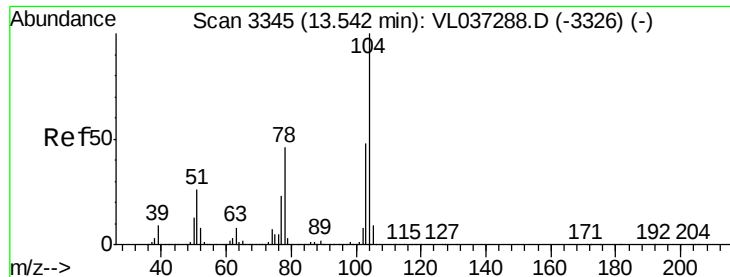
Tot Ion: 91 Resp: 4848705
Ion Ratio Lower Upper
91 100
106 82.1 37.3 55.9#



#60
o-Xylene
Concen: 7.608 ppbv
RT: 13.71 min Scan# 3396
Delta R.T. 0.00 min
Lab File: VL037288.D
Acq: 30 Jul 2021 17:02

Tgt Ion: 91 Resp: 4048974
Ion Ratio Lower Upper
91 100
106 46.7 23.4 70.0





#61

Stvrene

Concen: 8.589 ppbv

RT: 13.54 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VL037288.D

Acq: 30 Jul 2021 17:02

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

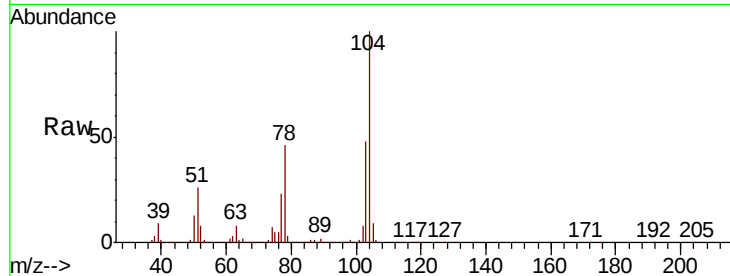
Tot Ion:104 Resp: 2354507

Ion Ratio Lower Upper

104 100

78 48.8 39.0 58.6

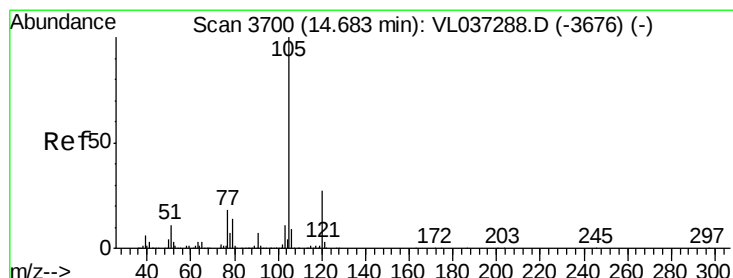
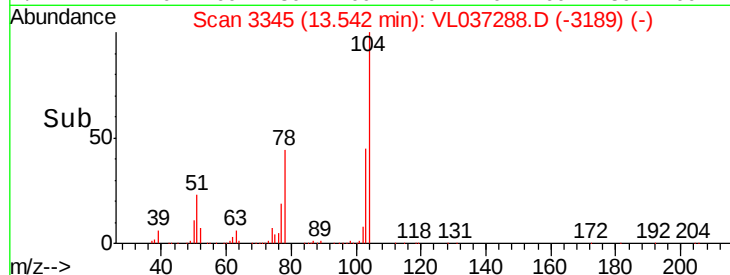
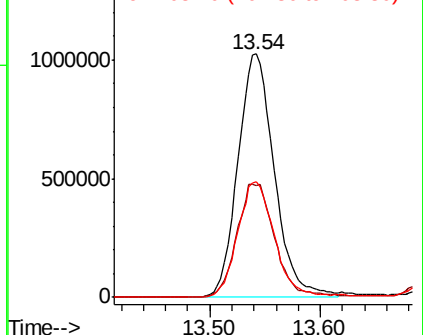
103 48.3 38.6 58.0



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: 7.528 ppbv

RT: 14.68 min Scan# 3700

Delta R.T. 0.00 min

Lab File: VL037288.D

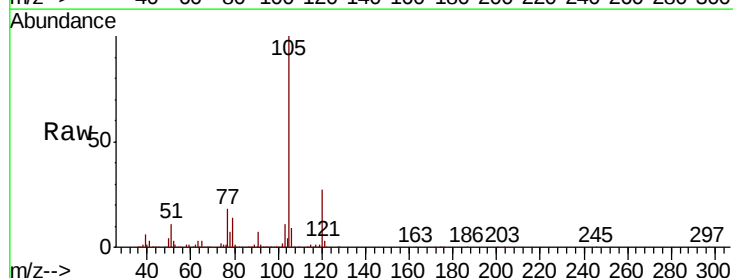
Acq: 30 Jul 2021 17:02

Tgt Ion:105 Resp: 5710046

Ion Ratio Lower Upper

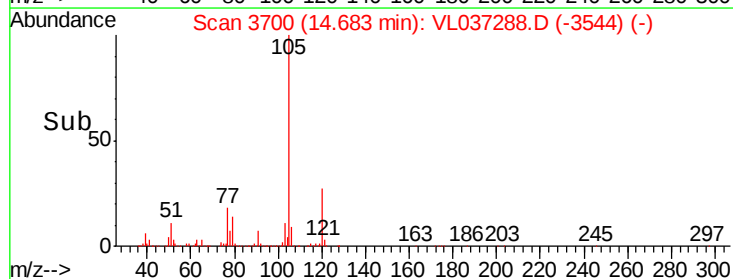
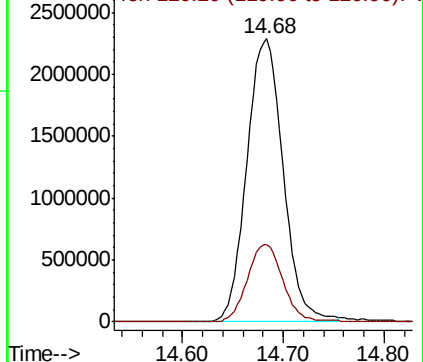
105 100

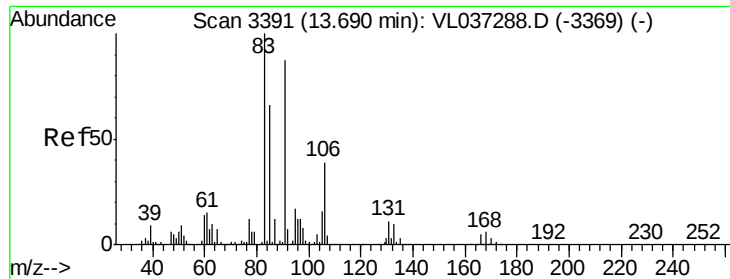
120 27.2 21.8 32.6



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

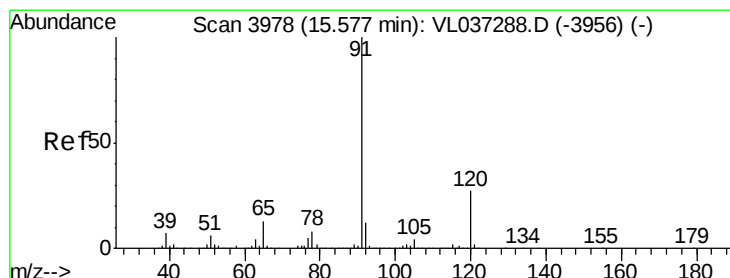
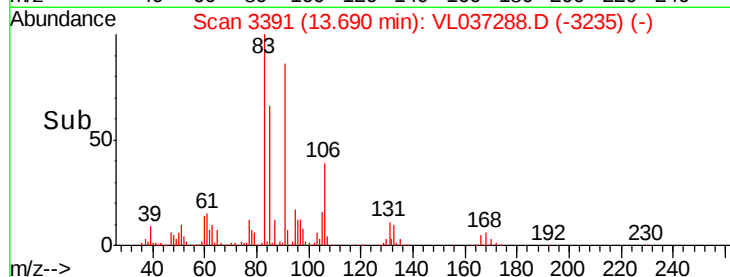
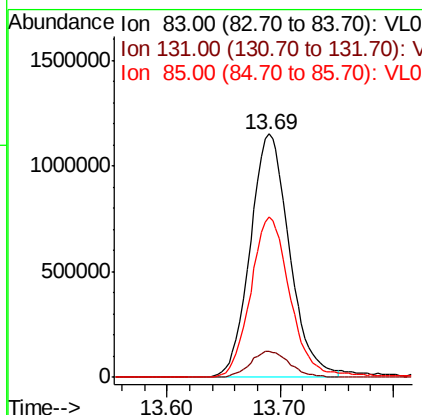
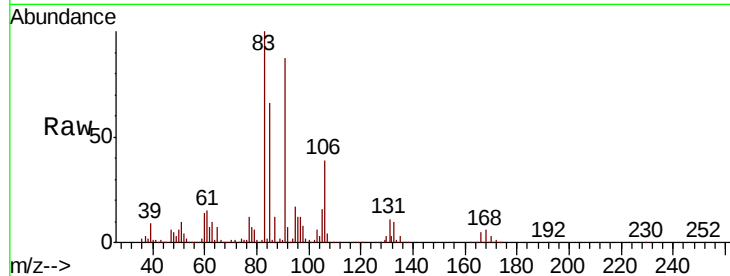




#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.770 ppbv
 RT: 13.69 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VL037288.D
 Acq: 30 Jul 2021 17:02

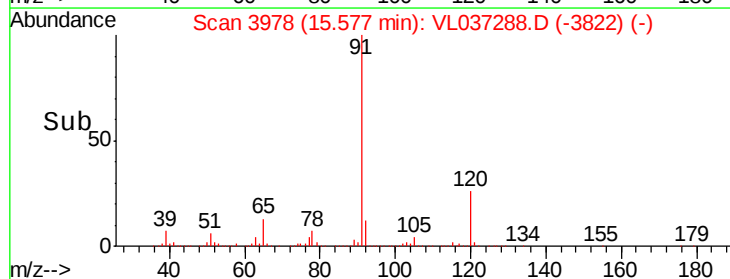
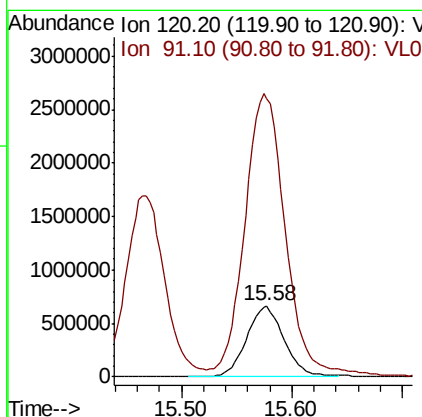
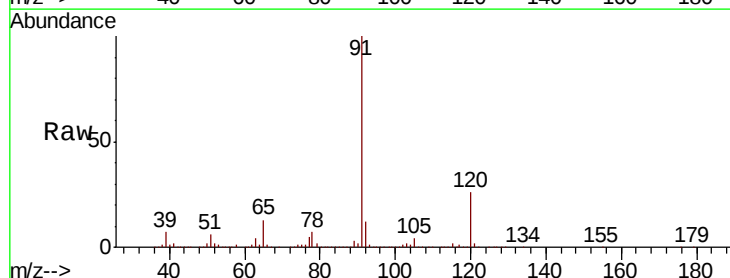
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

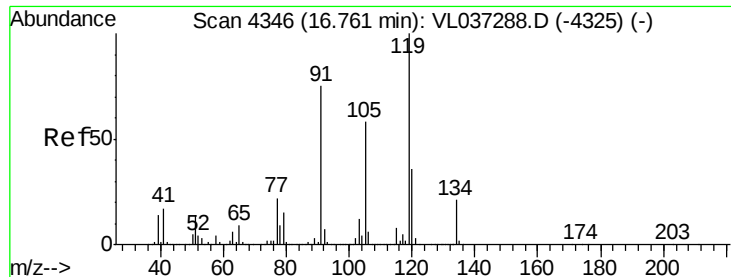
Tot Ion: 83 Resp: 2775109
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.5 16.5
 85 67.2 33.6 100.8



#64
 n-propylbenzene
 Concen: 8.192 ppbv
 RT: 15.58 min Scan# 3978
 Delta R.T. 0.00 min
 Lab File: VL037288.D
 Acq: 30 Jul 2021 17:02

Tgt Ion: 120 Resp: 1559990
 Ion Ratio Lower Upper
 120 100
 91 433.7 347.0 520.4

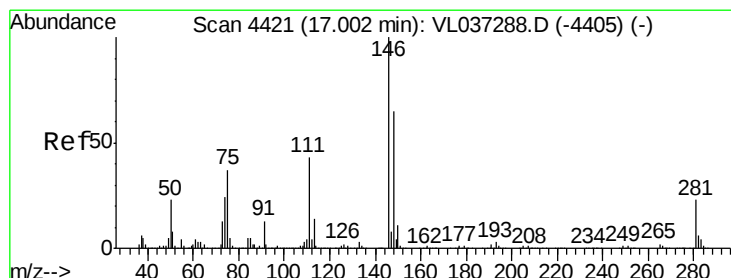
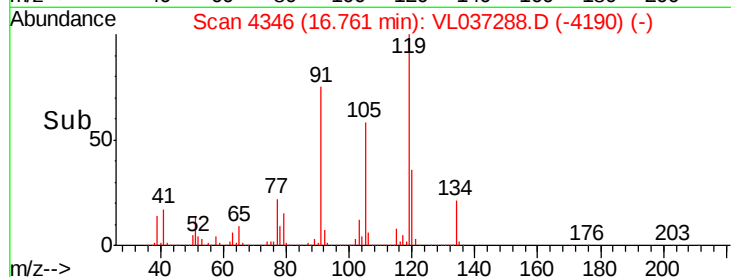
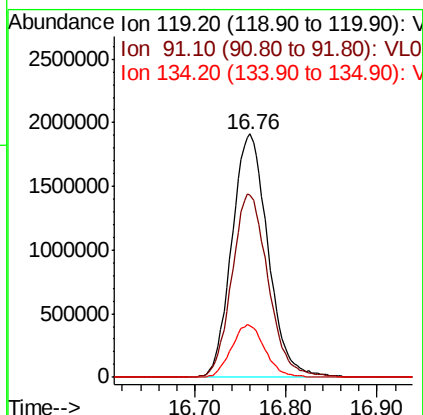
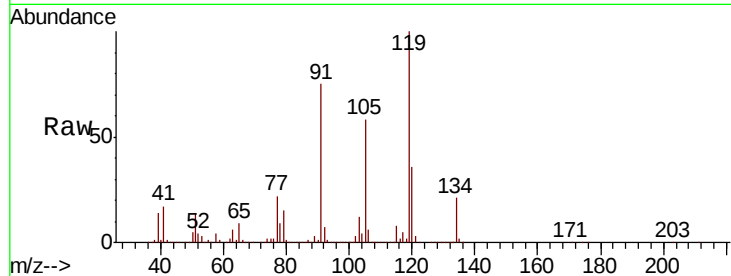




#65
tert-Butylbenzene
Concen: 7.783 ppbv
RT: 16.76 min Scan# 4346
Delta R.T. 0.00 min
Lab File: VL037288.D
Acq: 30 Jul 2021 17:02

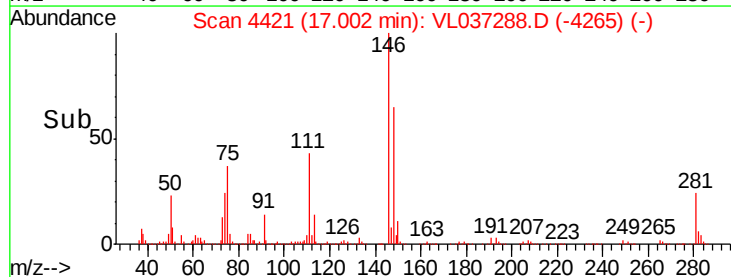
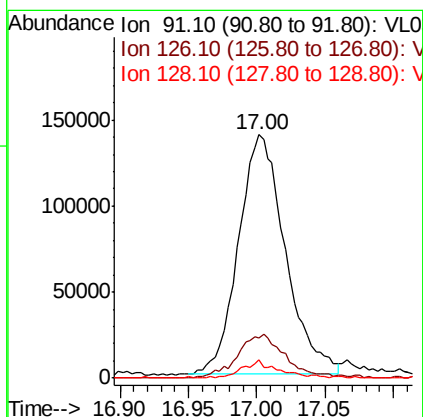
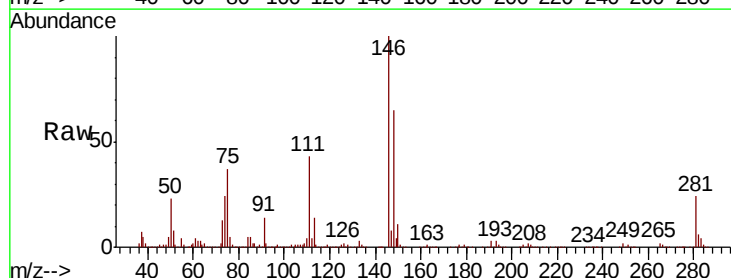
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

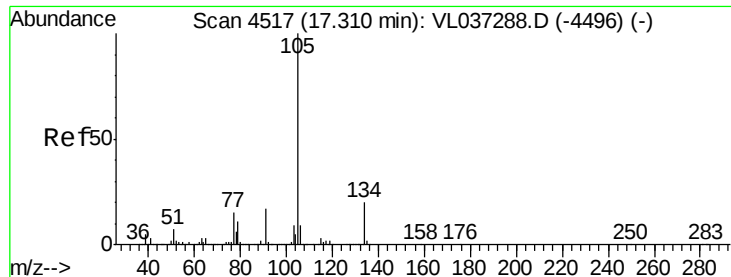
Tot Ion:119 Resp: 5270359
Ion Ratio Lower Upper
119 100
91 75.6 60.5 90.7
134 20.3 16.2 24.4



#66
Benzyl Chloride
Concen: 10.638 ppbv
RT: 17.00 min Scan# 4421
Delta R.T. 0.00 min
Lab File: VL037288.D
Acq: 30 Jul 2021 17:02

Tgt Ion: 91 Resp: 332255
Ion Ratio Lower Upper
91 100
126 19.4 15.4 23.0
128 6.2 5.0 7.4





#67

sec-Butylbenzene

Concen: 7.785 ppbv

RT: 17.31 min Scan# 4517

Delta R.T. 0.00 min

Lab File: VL037288.D

Acq: 30 Jul 2021 17:02

Instrument :

MSVOA_L

ClientSampleId :

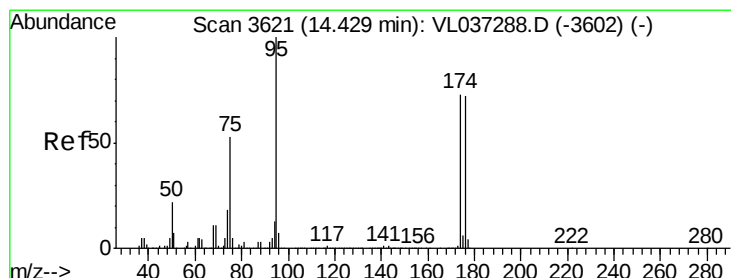
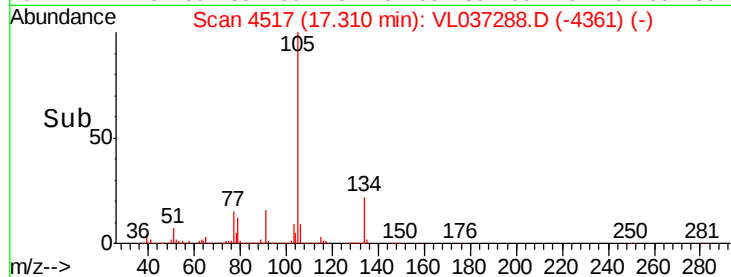
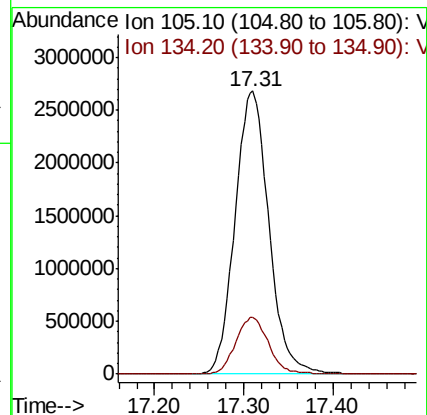
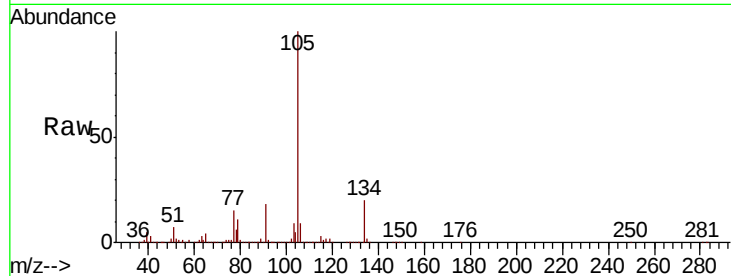
VSTDICCC010

Tot Ion:105 Resp: 7035646

Ion Ratio Lower Upper

105 100

134 19.7 15.8 23.6



#68

1-Bromo-4-Fluorobenzene

Concen: 8.128 ppbv

RT: 14.43 min Scan# 3621

Delta R.T. 0.00 min

Lab File: VL037288.D

Acq: 30 Jul 2021 17:02

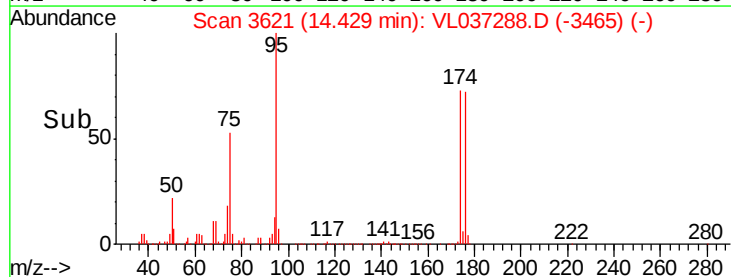
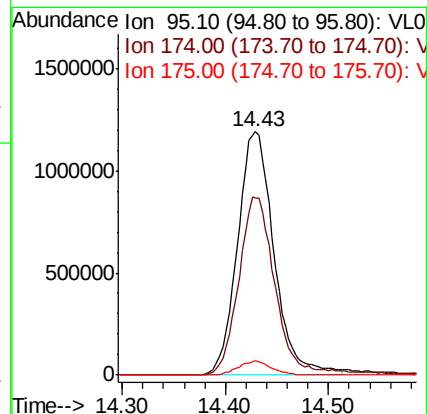
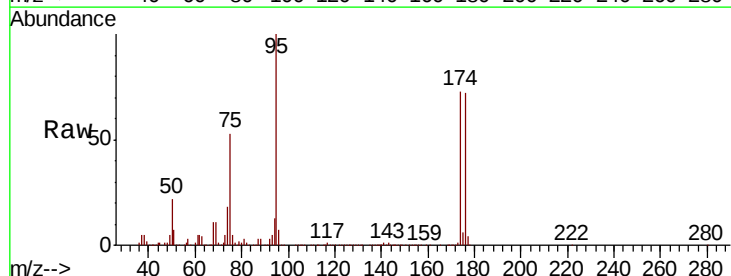
Tgt Ion: 95 Resp: 2927922

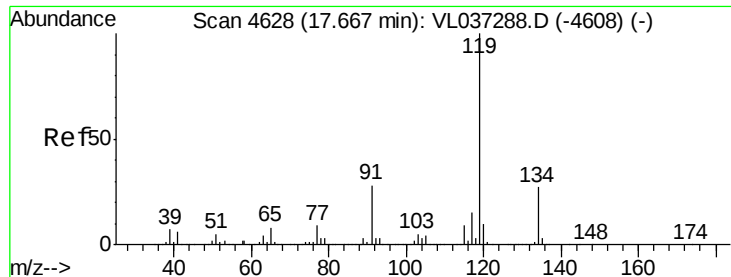
Ion Ratio Lower Upper

95 100

174 74.7 59.8 89.6

175 5.5 4.5 6.7

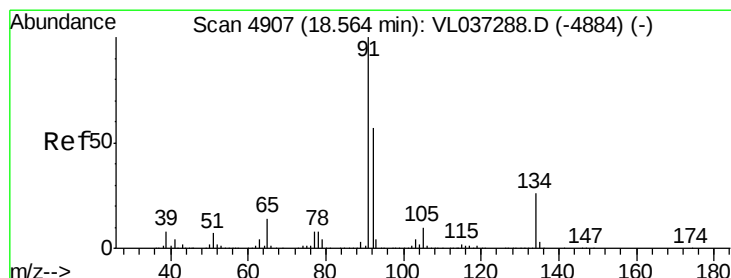
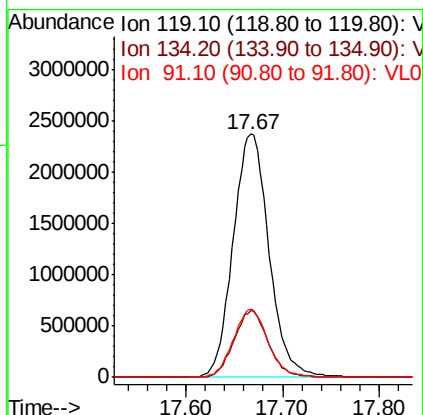
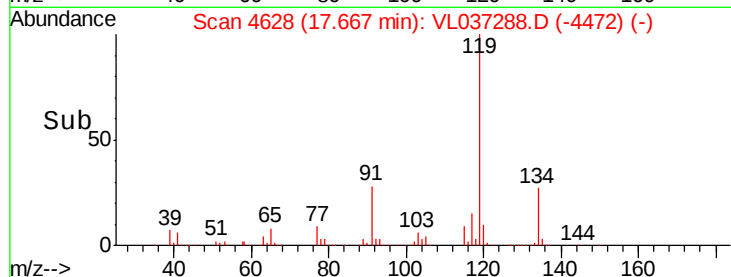
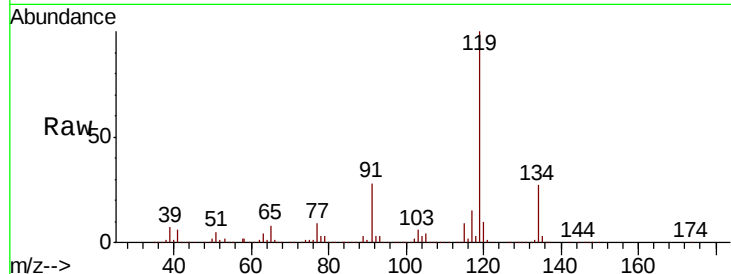




#69
 p-Isopropyltoluene
 Concen: 8.008 ppbv
 RT: 17.67 min Scan# 4628
 Delta R.T. 0.00 min
 Lab File: VL037288.D
 Acq: 30 Jul 2021 17:02

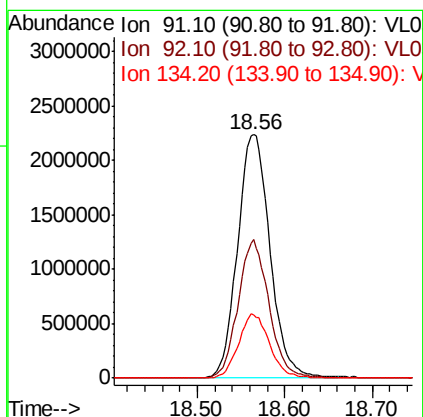
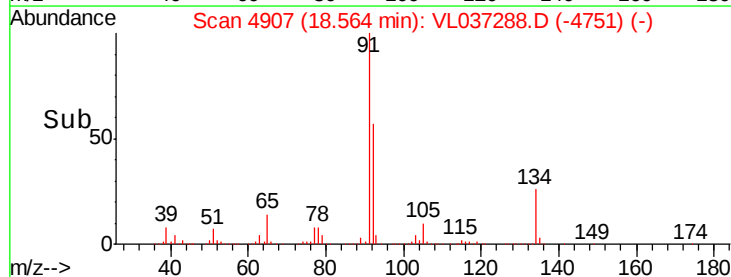
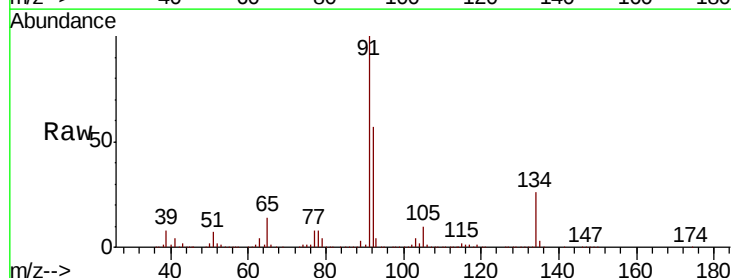
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

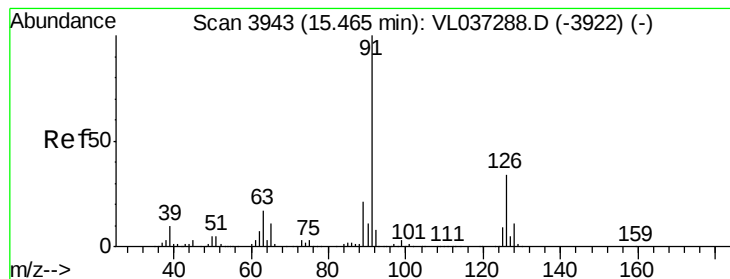
Tot Ion: 119 Resp: 6116572
 Ion Ratio Lower Upper
 119 100
 134 26.4 21.1 31.7
 91 27.2 21.8 32.6



#70
 n-Butylbenzene
 Concen: 8.136 ppbv
 RT: 18.56 min Scan# 4907
 Delta R.T. 0.00 min
 Lab File: VL037288.D
 Acq: 30 Jul 2021 17:02

Tgt Ion: 91 Resp: 5751996
 Ion Ratio Lower Upper
 91 100
 92 54.5 43.6 65.4
 134 25.4 20.3 30.5





#71

2-Chlorotoluene

Concen: 7.820 ppbv

RT: 15.46 min Scan# 3943

Delta R.T. 0.00 min

Lab File: VL037288.D

Acq: 30 Jul 2021 17:02

Instrument :

MSVOA_L

ClientSampleId :

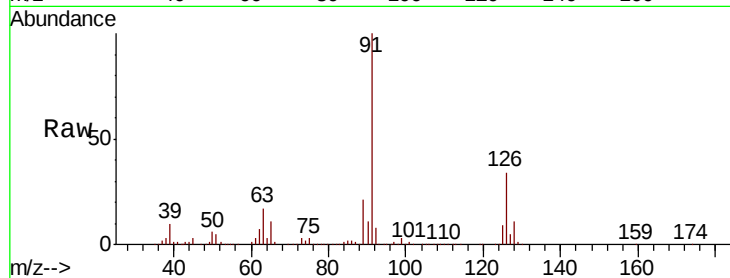
VSTDICCC010

Tot Ion: 91 Resp: 4154129

Ion Ratio Lower Upper

91 100

126 34.5 13.8 55.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

3000000

2500000

2000000

1500000

1000000

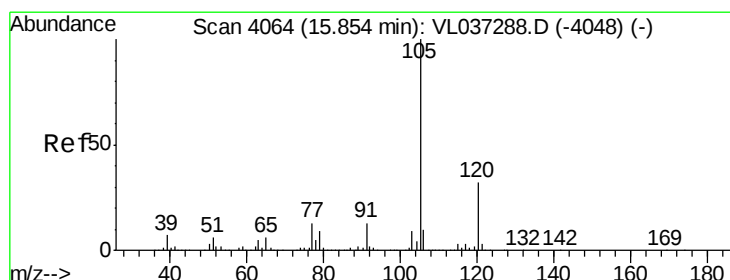
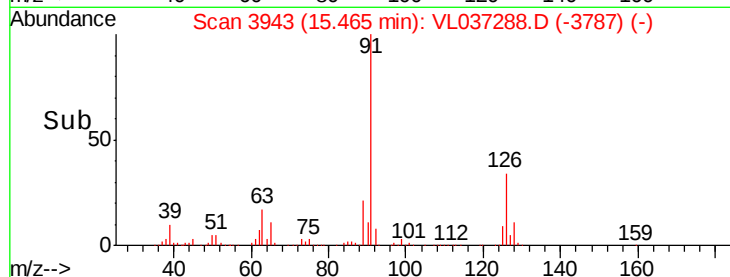
500000

0

15.40

15.50

Time-->



#72

4-Ethyltoluene

Concen: 8.344 ppbv

RT: 15.85 min Scan# 4064

Delta R.T. 0.00 min

Lab File: VL037288.D

Acq: 30 Jul 2021 17:02

Tgt Ion:105 Resp: 5108855

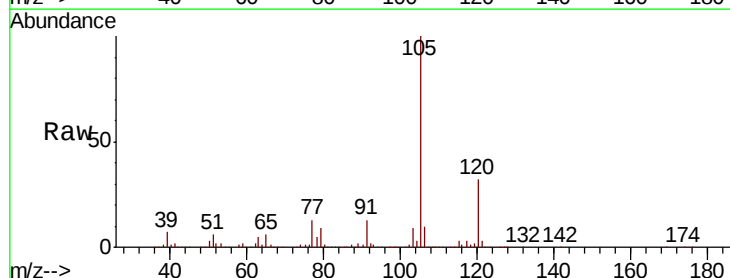
Ion Ratio Lower Upper

105 100

120 30.4 24.3 36.5

91 12.0 9.6 14.4

77 12.9 10.3 15.5



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

3000000

2500000

2000000

1500000

1000000

500000

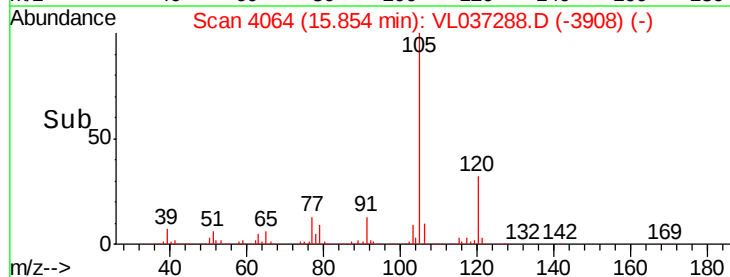
0

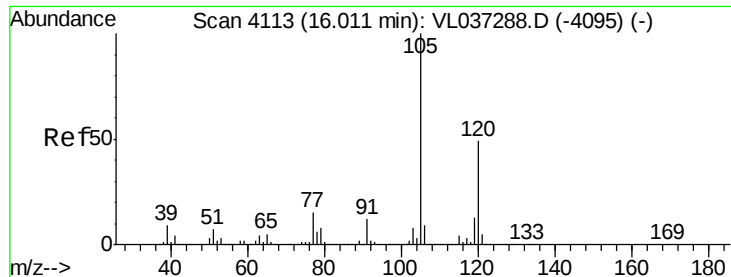
15.80

15.90

16.00

Time-->

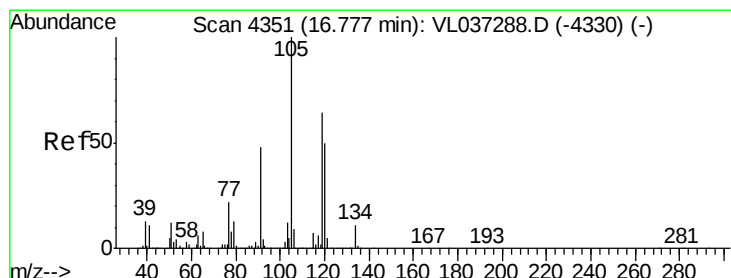
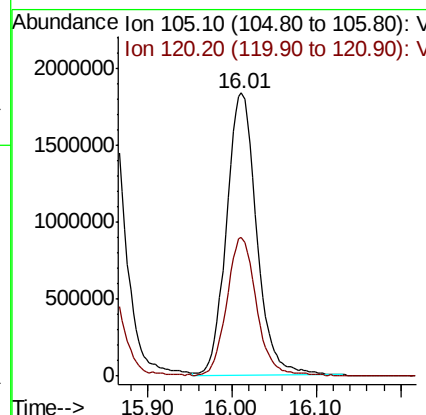
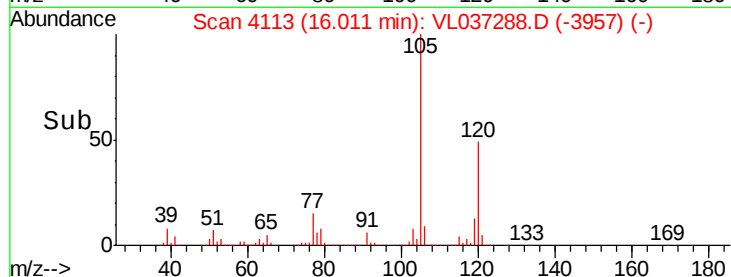
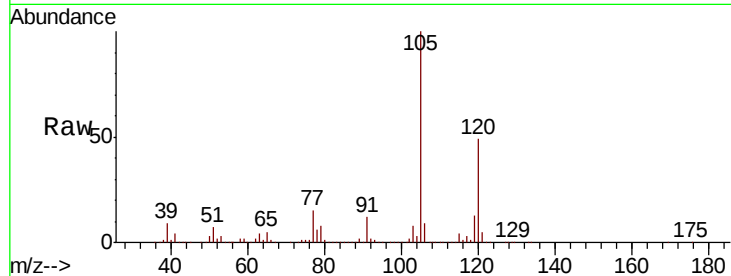




#73
 1,3,5-Trimethylbenzene
 Concen: 7.737 ppbv
 RT: 16.01 min Scan# 4113
 Delta R.T. 0.00 min
 Lab File: VL037288.D
 Acq: 30 Jul 2021 17:02

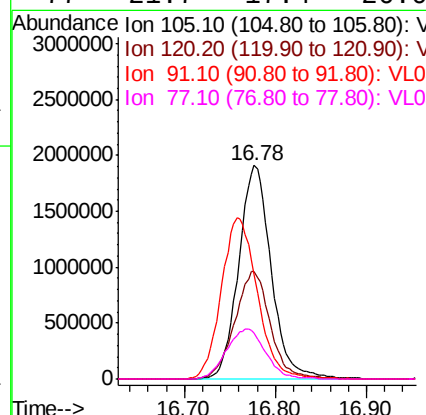
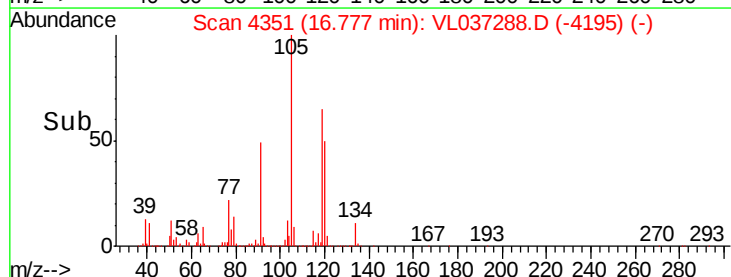
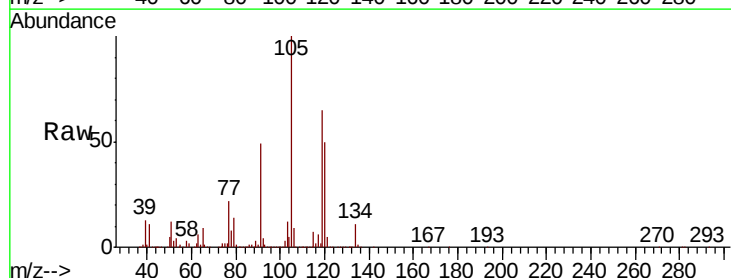
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

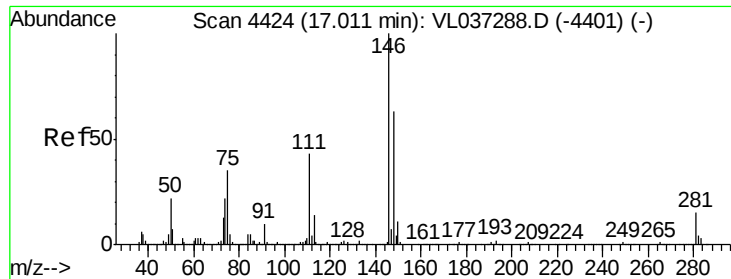
Tot Ion:105 Resp: 4559806
 Ion Ratio Lower Upper
 105 100
 120 48.8 39.0 58.6



#74
 1,2,4-Trimethylbenzene
 Concen: 7.822 ppbv
 RT: 16.78 min Scan# 4351
 Delta R.T. 0.00 min
 Lab File: VL037288.D
 Acq: 30 Jul 2021 17:02

Tgt Ion:105 Resp: 4746302
 Ion Ratio Lower Upper
 105 100
 120 50.3 40.2 60.4
 91 48.8 39.0 58.6
 77 21.7 17.4 26.0

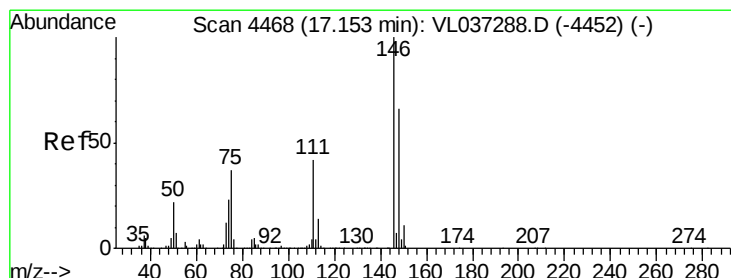
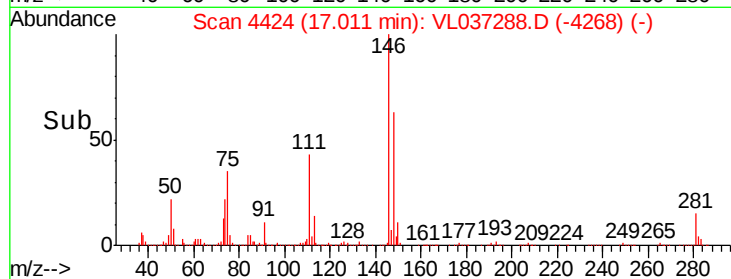
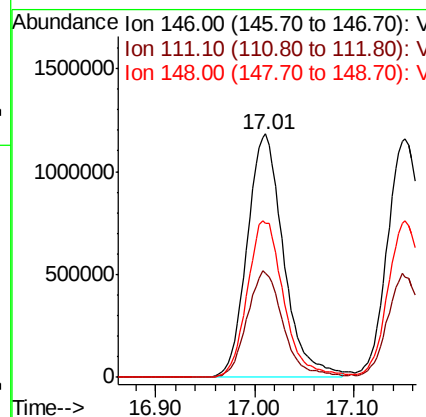
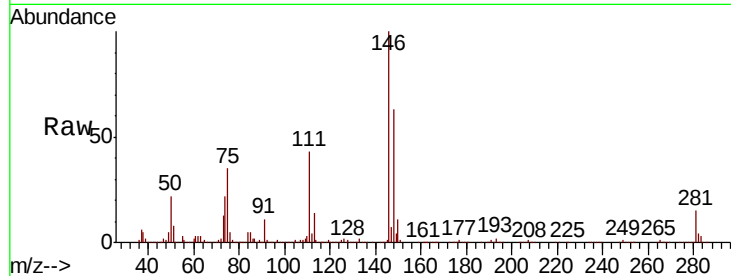




#75
 1,3-Dichlorobenzene
 Concen: 8.105 ppbv
 RT: 17.01 min Scan# 4424
 Delta R.T. 0.00 min
 Lab File: VL037288.D
 Acq: 30 Jul 2021 17:02

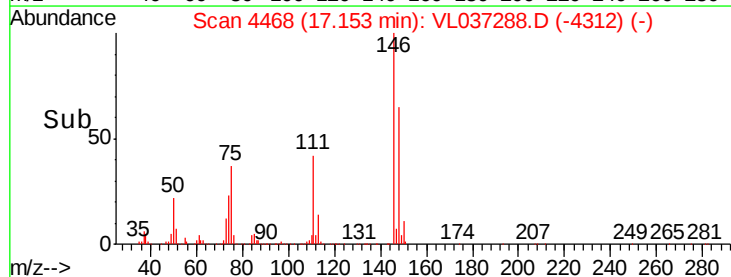
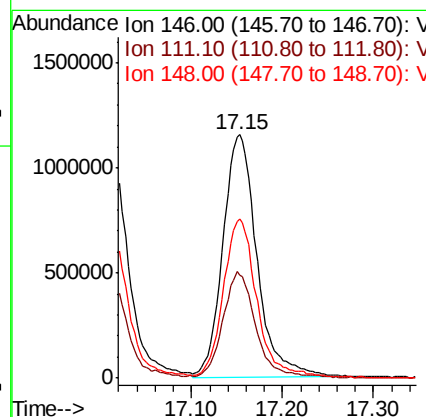
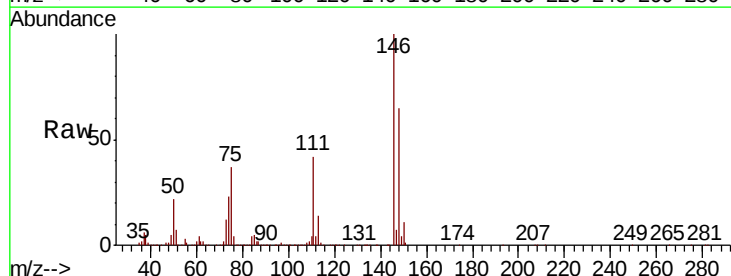
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

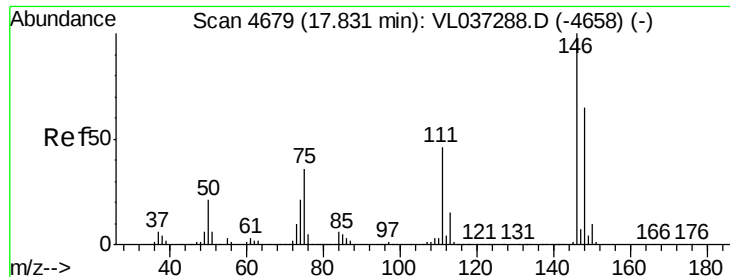
Tot Ion:146 Resp: 3014119
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.7 65.1
 148 64.6 32.3 96.9



#76
 1,4-Dichlorobenzene
 Concen: 7.970 ppbv
 RT: 17.15 min Scan# 4468
 Delta R.T. 0.00 min
 Lab File: VL037288.D
 Acq: 30 Jul 2021 17:02

Tgt Ion:146 Resp: 2979409
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.2 63.6
 148 65.7 32.9 98.6



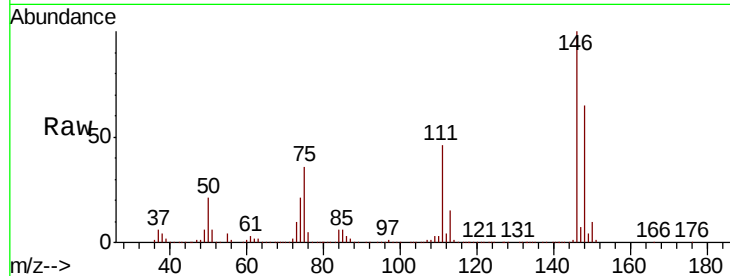


#77
 1,2-Dichlorobenzene
 Concen: 8.032 ppbv
 RT: 17.83 min Scan# 4679
 Delta R.T. 0.00 min
 Lab File: VL037288.D
 Acq: 30 Jul 2021 17:02

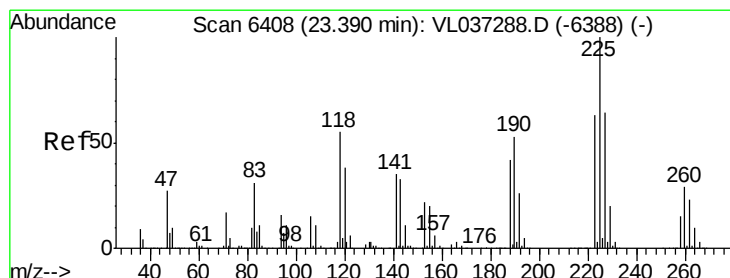
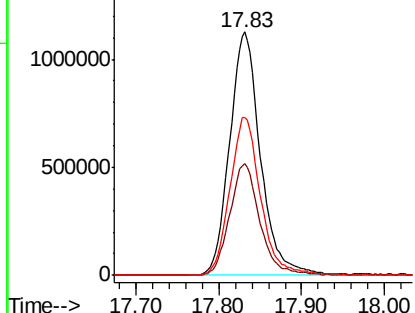
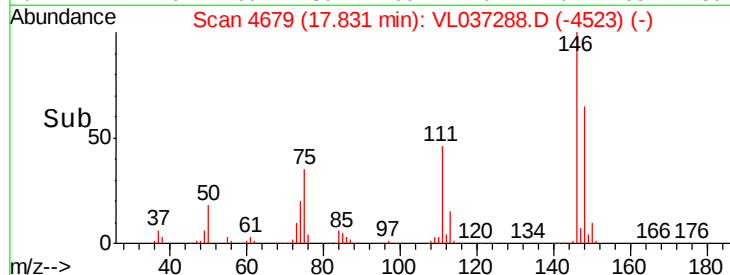
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion:146 Resp: 2899387

Ion	Ratio	Lower	Upper
146	100		
111	45.1	22.6	67.7
148	64.9	32.5	97.4



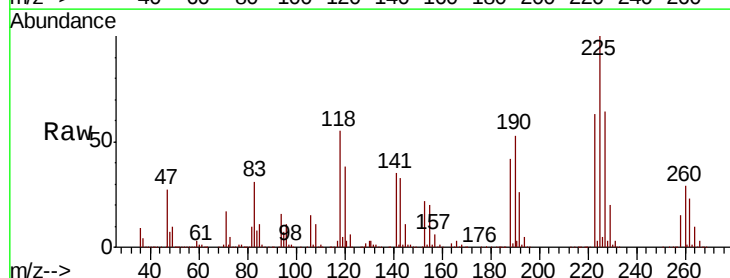
Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V



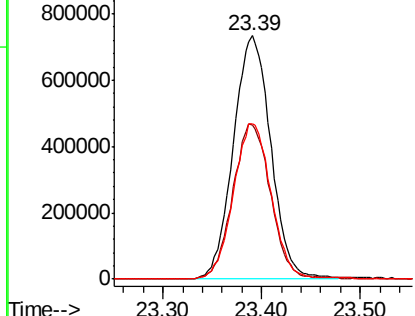
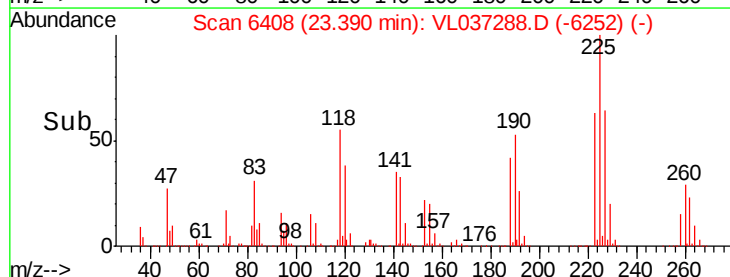
#78
 Hexachloro-1,3-Butadiene
 Concen: 6.366 ppbv
 RT: 23.39 min Scan# 6408
 Delta R.T. 0.00 min
 Lab File: VL037288.D
 Acq: 30 Jul 2021 17:02

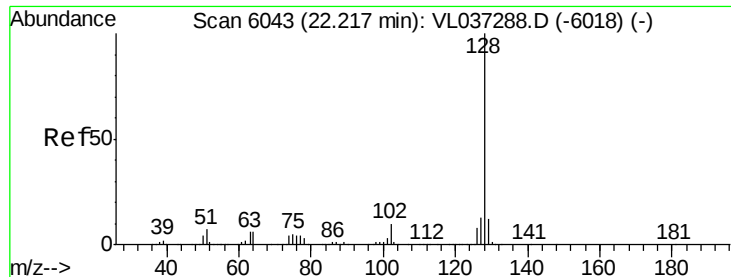
Tgt Ion:225 Resp: 1930584

Ion	Ratio	Lower	Upper
225	100		
223	65.0	51.7	77.5
227	65.1	51.8	77.8



Abundance Ion 224.90 (224.60 to 225.60): V
 Ion 222.90 (222.60 to 223.60): V
 Ion 226.90 (226.60 to 227.60): V

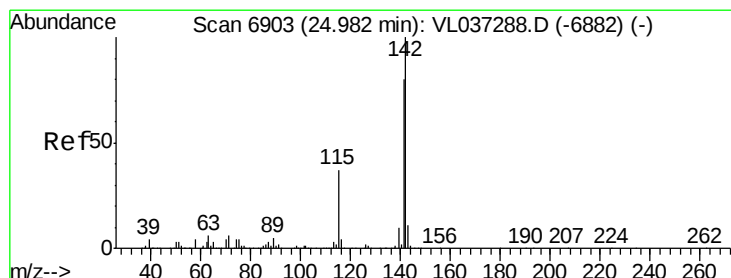
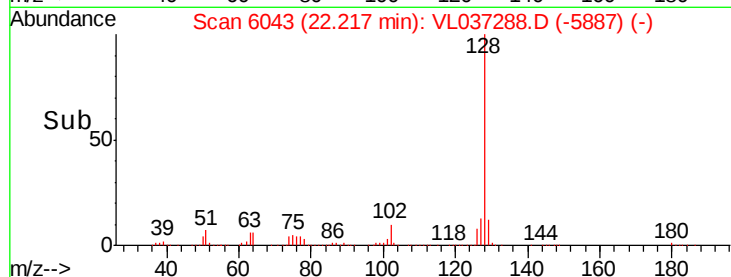
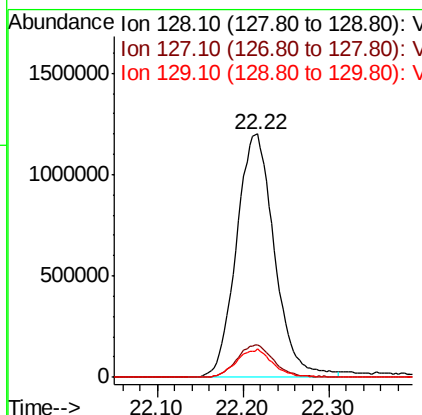
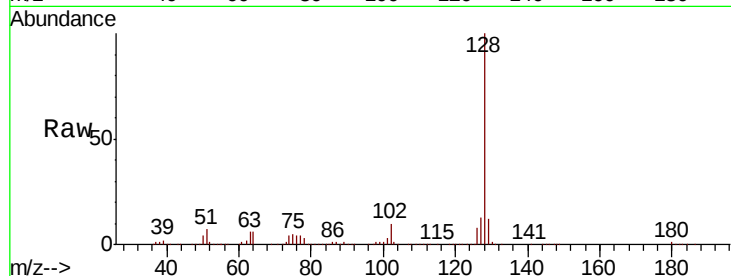




#79
Naphthalene
Concen: 7.553 ppbv
RT: 22.22 min Scan# 6043
Delta R.T. 0.00 min
Lab File: VL037288.D
Acq: 30 Jul 2021 17:02

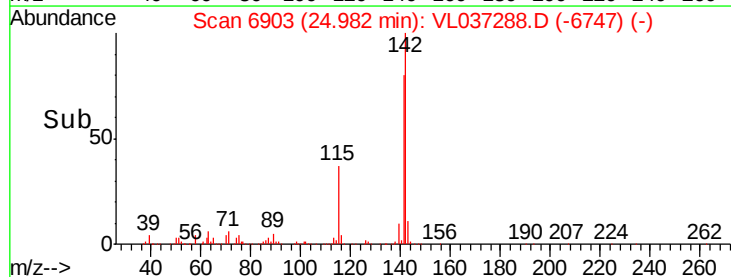
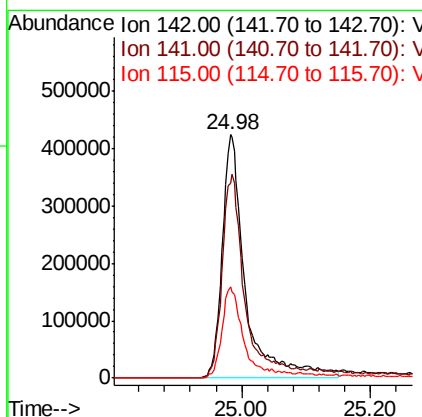
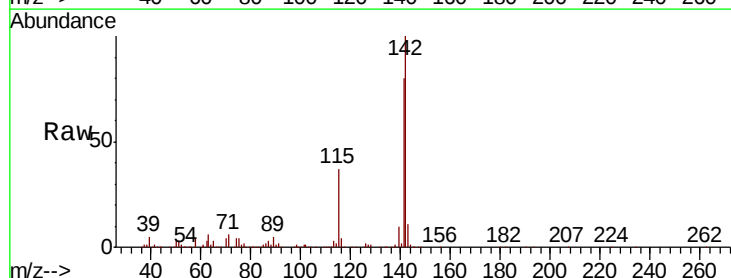
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

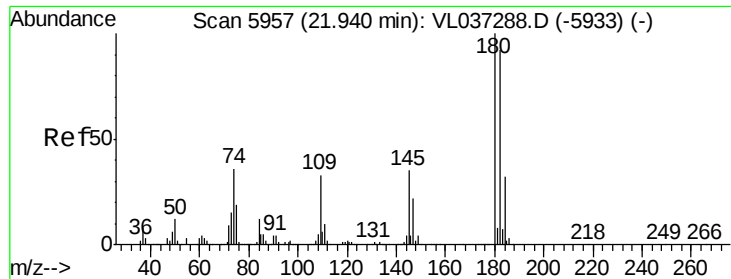
Tot Ion:128 Resp: 3694163
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 11.8 9.4 14.2



#80
Naphthalene, 2-methyl-
Concen: 8.398 ppbv
RT: 24.98 min Scan# 6903
Delta R.T. 0.00 min
Lab File: VL037288.D
Acq: 30 Jul 2021 17:02

Tgt Ion:142 Resp: 1071894
Ion Ratio Lower Upper
142 100
141 81.8 67.0 100.6
115 38.7 28.6 42.8





#81
 1,2,4-Trichlorobenzene
 Concen: 7.543 ppbv
 RT: 21.94 min Scan# 5957
 Delta R.T. 0.00 min
 Lab File: VL037288.D
 Acq: 30 Jul 2021 17:02

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion:180 Resp: 2161060
 Ion Ratio Lower Upper
 180 100
 182 100.9 80.8 121.2
 184 31.4 25.4 38.2

