

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011623\Not Reviewed Data\
 Data File : VL040100.D
 Acq On : 16 Jan 2023 16:28
 Operator : SY/MD
 Sample : VL0116ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0116ABS01

Quant Time: Jan 17 05:56:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jan 16 14:40:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.195	49	1206029	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.661	114	3009097	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.484	117	3532250	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	2440429	8.313	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	83.100%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.719	85	2156666	10.199	ppbv	100
3) Chlorodifluoromethane	2.665	51	1266054	8.752	ppbv	98
4) Chloromethane	2.803	50	809159	9.051	ppbv	97
5) Vinyl Chloride	2.912	62	702021	9.262	ppbv	98
6) Bromomethane	3.115	94	237489	8.587	ppbv	96
7) Chloroethane	3.192	64	259074	8.942	ppbv	99
8) Dichlorotetrafluoroethane	2.848	85	1731764	8.773	ppbv	99
9) Propene	2.684	41	531286	8.840	ppbv	98
10) Heptane	7.587	43	1347381	9.727	ppbv	100
11) Trichlorofluoromethane	3.558	101	1801623	8.537	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.063	101	1344197	8.473	ppbv	98
13) Ethanol	3.240	45	29092	5.259	ppbv	89
14) Bromoethene	3.359	108	544909	9.252	ppbv	98
15) Acetone	3.462	43	1199528	8.293	ppbv	99
16) 1,3-Butadiene	2.977	39	629544	9.336	ppbv	98
17) tert-Butyl alcohol	3.874	59	1152053	8.553	ppbv	100
18) 1,1-Dichloroethene	3.877	96	595742	8.642	ppbv	100
19) Isopropyl Alcohol	3.571	45	574826	8.123	ppbv	99
20) Methylene Chloride	3.931	84	504322	7.903	ppbv	94
21) Allyl Chloride	3.996	41	868067	9.347	ppbv	96
22) trans-1,2-Dichloroethene	4.446	96	634893	9.014	ppbv	97
23) Vinyl Acetate	4.626	43	440811	9.402	ppbv #	97
24) 1,1-Dichloroethane	4.565	63	1252763	8.823	ppbv	99
25) Ethyl Acetate	5.205	43	2484665	9.751	ppbv	100
26) Hexane	5.214	57	1053735	9.449	ppbv	99
27) Carbon Disulfide	4.121	76	1478082	10.231	ppbv	99
28) Methyl tert-Butyl Ether	4.587	73	1126973	8.983	ppbv	99
29) Chloroform	5.279	83	1798223	10.086	ppbv	98
30) Cyclohexane	6.610	84	870590	9.821	ppbv	99
31) cis-1,2-Dichloroethene	5.079	61	1066463	9.879	ppbv	99
32) 1,1,1-Trichloroethane	6.009	97	1789119	9.873	ppbv	100
34) 2-Butanone	4.787	43	1366860	9.603	ppbv	100
35) Carbon Tetrachloride	6.500	117	1825414	10.729	ppbv	98
36) Benzene	6.378	78	2210167	9.925	ppbv	99
37) 1,2-Dichloroethane	5.812	62	1403049	9.803	ppbv	100
38) Trichloroethene	7.301	130	1294568	10.243	ppbv	98
39) 1,2-Dichloropropane	7.082	63	862418	9.901	ppbv	98
40) 1,4-Dioxane	7.298	88	304628	8.813	ppbv	73
41) Tetrahydrofuran	5.562	42	860864	10.479	ppbv	100
42) Bromodichloromethane	7.256	83	1977029	10.229	ppbv	96
43) Methyl Methacrylate	7.484	69	887468	10.860	ppbv	99
44) 2,2,4-Trimethylpentane	7.333	57	3670322	9.911	ppbv	99
45) t-1,3-Dichloropropene	8.722	75	867060	11.899	ppbv	98

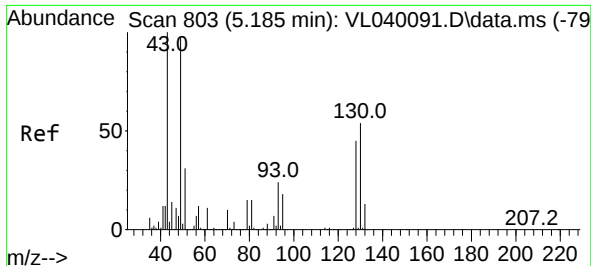
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011623\Not Reviewed Data\
 Data File : VL040100.D
 Acq On : 16 Jan 2023 16:28
 Operator : SY/MD
 Sample : VL0116ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0116ABS01

Quant Time: Jan 17 05:56:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jan 16 14:40:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	1169603	11.746	ppbv	98
47) 1,1,2-Trichloroethane	8.912	97	924559	10.082	ppbv	98
48) Dibromochloromethane	9.722	129	1578816	10.712	ppbv	99
49) Bromoform	12.426	173	1203837	10.603	ppbv	100
50) 4-Methyl-2-Pentanone	8.192	43	2307113	10.305	ppbv	100
51) 2-Hexanone	9.565	43	1814913	10.700	ppbv #	99
52) Tetrachloroethene	10.632	164	747331	10.259	ppbv	96
53) Toluene	9.233	91	2514723	10.588	ppbv	100
54) 1,2-Dibromoethane	10.021	107	1041989	10.853	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.526	131	1128225	8.207	ppbv	96
57) Chlorobenzene	11.542	112	1903892	7.907	ppbv	99
58) Ethyl Benzene	12.105	91	3405794	8.640	ppbv	100
59) m/p-Xylene	12.391	91	3083344	8.700	ppbv #	39
60) o-Xylene	13.076	91	2805908	8.341	ppbv	100
61) Styrene	12.915	104	1618617	9.233	ppbv	98
62) Isopropylbenzene	14.047	105	3892974	8.045	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.063	83	914315	7.485	ppbv	99
64) n-propylbenzene	14.934	120	982814	8.171	ppbv	99
65) tert-Butylbenzene	16.111	119	3307250	7.983	ppbv	100
66) Benzyl Chloride	16.346	91	214603	7.580	ppbv #	95
67) sec-Butylbenzene	16.658	105	4664116	7.941	ppbv	100
69) p-Isopropyltoluene	17.011	119	3721265	8.063	ppbv	100
70) n-Butylbenzene	17.905	91	4003918	8.045	ppbv	100
71) 2-Chlorotoluene	14.818	91	2979563	8.006	ppbv	100
72) 4-Ethyltoluene	15.211	105	3052504	8.177	ppbv	99
73) 1,3,5-Trimethylbenzene	15.368	105	2744540	8.165	ppbv	99
74) 1,2,4-Trimethylbenzene	16.130	105	2961238	7.953	ppbv	93
75) 1,3-Dichlorobenzene	16.349	146	1597523	7.725	ppbv	100
76) 1,4-Dichlorobenzene	16.494	146	1565183	7.698	ppbv	100
77) 1,2-Dichlorobenzene	17.166	146	1517941	7.676	ppbv	99
78) Hexachloro-1,3-Butadiene	22.654	225	1137816	7.855	ppbv	99
79) Naphthalene	21.407	128	2403894	11.270	ppbv	99
80) Naphthalene,2-methyl-	24.390	142	605987	8.432	ppbv	97
81) 1,2,4-Trichlorobenzene	21.166	180	1209342	9.199	ppbv	99

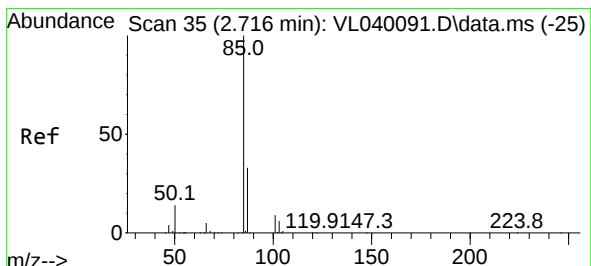
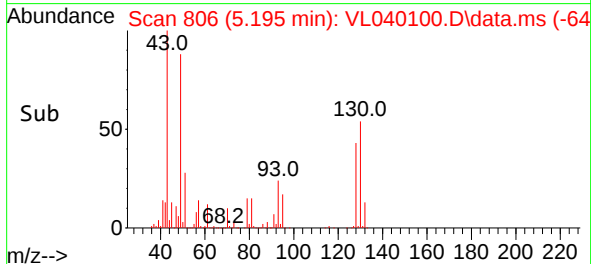
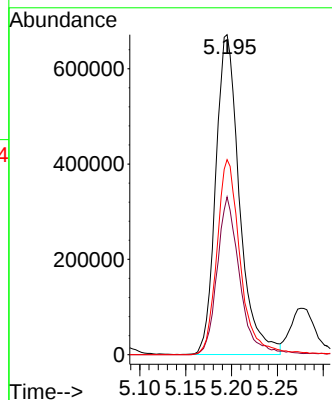
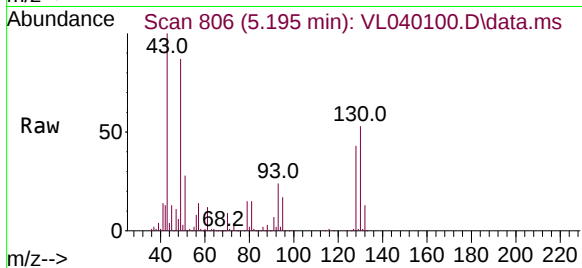
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.195 min Scan# 80
 Delta R.T. 0.010 min
 Lab File: VL040100.D
 Acq: 16 Jan 2023 16:28

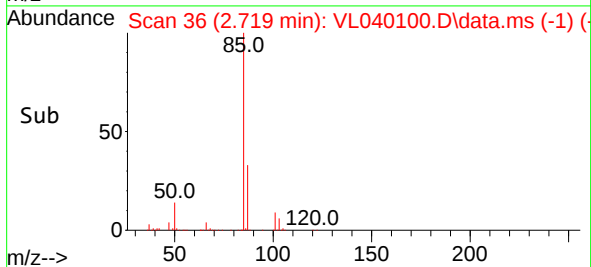
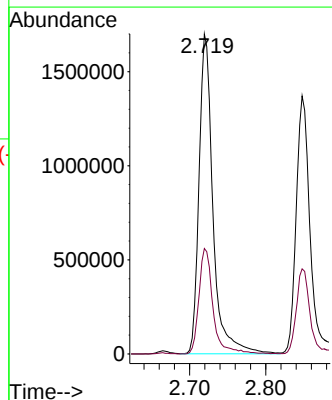
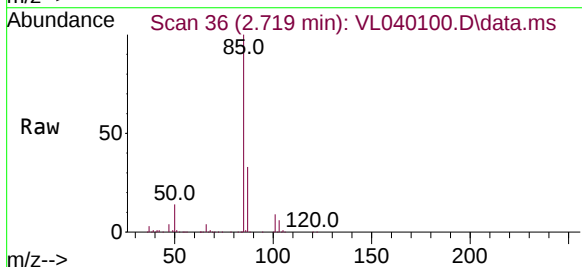
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0116ABS01

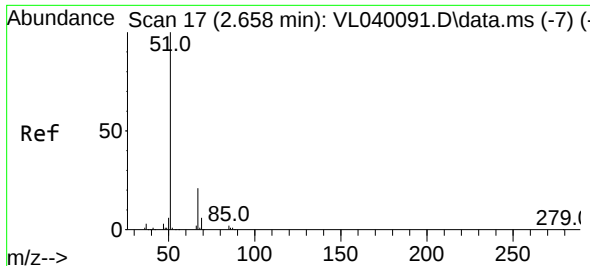
Tgt Ion: 49 Resp: 1206029
 Ion Ratio Lower Upper
 49 100
 128 47.7 23.6 71.0
 130 61.1 29.8 89.3



#2
 Dichlorodifluoromethane
 Concen: 10.199 ppbv
 RT: 2.719 min Scan# 36
 Delta R.T. 0.003 min
 Lab File: VL040100.D
 Acq: 16 Jan 2023 16:28

Tgt Ion: 85 Resp: 2156666
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.5 39.7

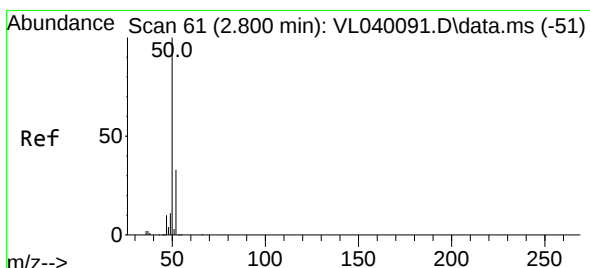
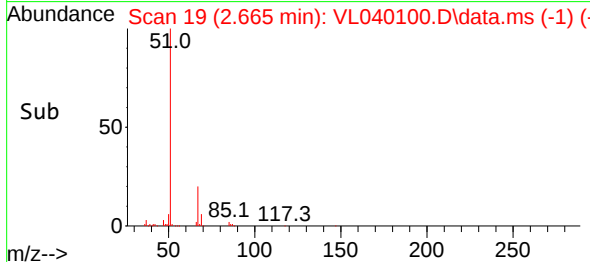
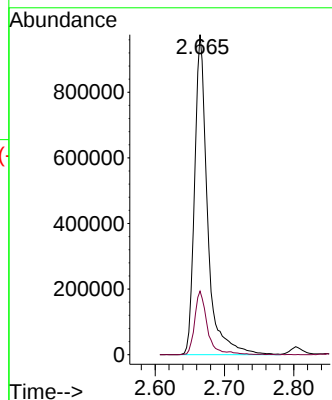
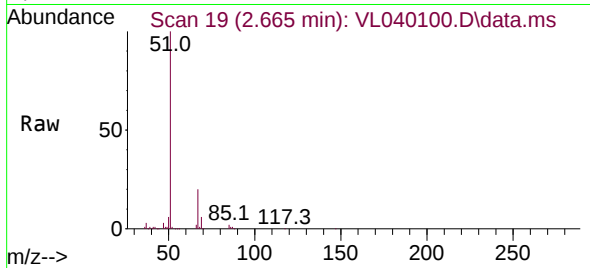




#3
Chlorodifluoromethane
Concen: 8.752 ppbv
RT: 2.665 min Scan# 19
Delta R.T. 0.006 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

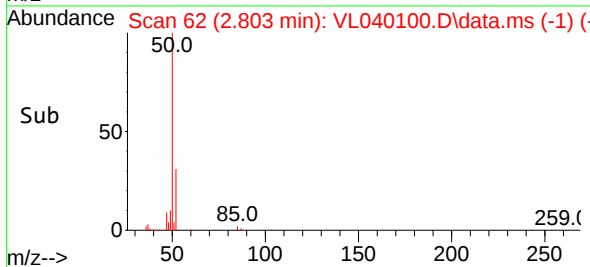
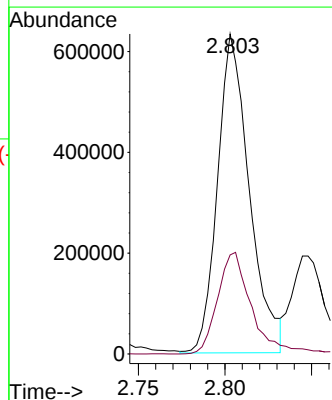
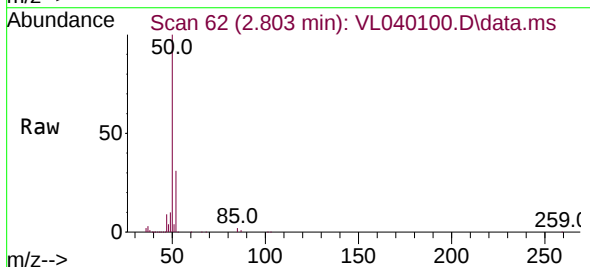
Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01

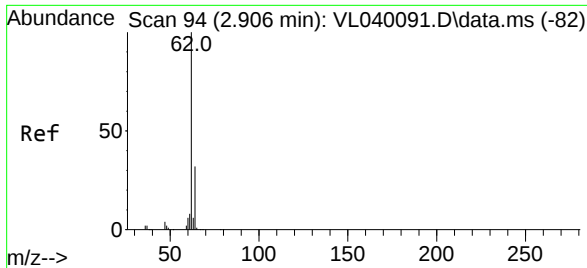
Tgt Ion: 51 Resp: 1266054
Ion Ratio Lower Upper
51 100
67 19.7 16.4 24.6



#4
Chloromethane
Concen: 9.051 ppbv
RT: 2.803 min Scan# 62
Delta R.T. 0.003 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

Tgt Ion: 50 Resp: 809159
Ion Ratio Lower Upper
50 100
52 31.2 26.5 39.7

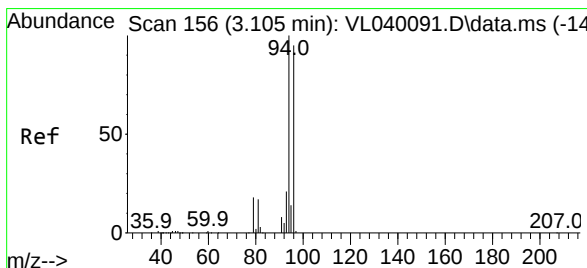
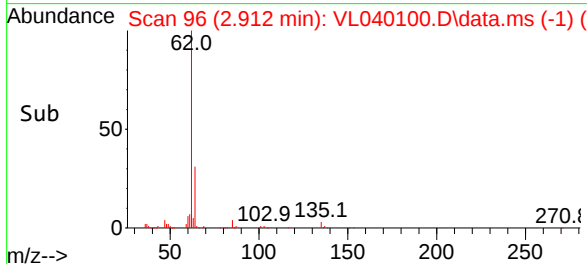
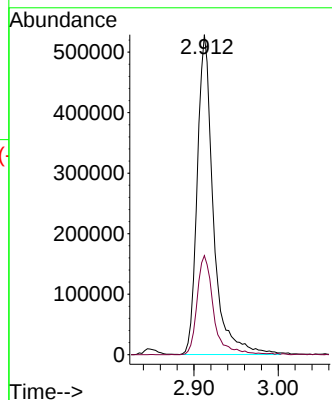
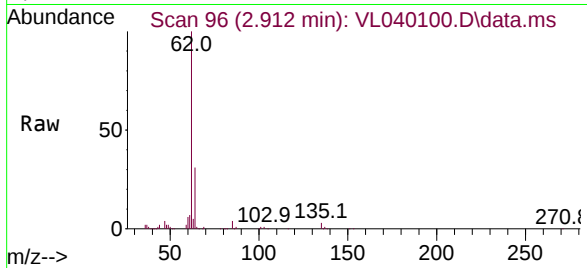




#5
 Vinyl Chloride
 Concen: 9.262 ppbv
 RT: 2.912 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: VL040100.D
 Acq: 16 Jan 2023 16:28

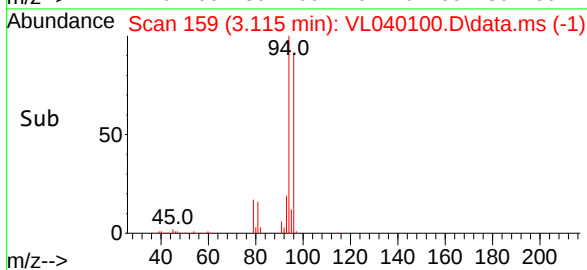
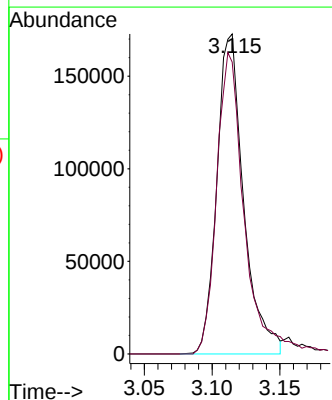
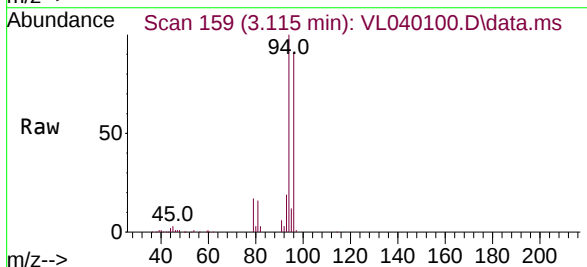
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0116ABS01

Tgt Ion: 62 Resp: 702021
 Ion Ratio Lower Upper
 62 100
 64 31.0 25.8 38.6



#6
 Bromomethane
 Concen: 8.587 ppbv
 RT: 3.115 min Scan# 159
 Delta R.T. 0.010 min
 Lab File: VL040100.D
 Acq: 16 Jan 2023 16:28

Tgt Ion: 94 Resp: 237489
 Ion Ratio Lower Upper
 94 100
 96 91.2 76.2 114.2

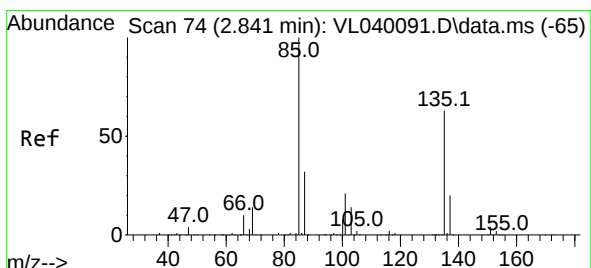
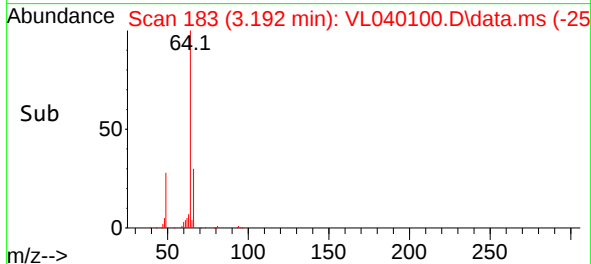
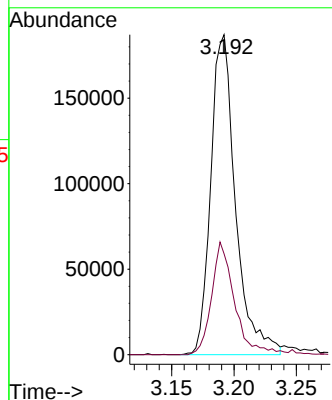
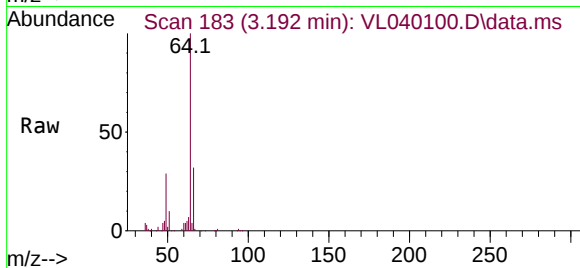




#7
Chloroethane
Concen: 8.942 ppbv
RT: 3.192 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

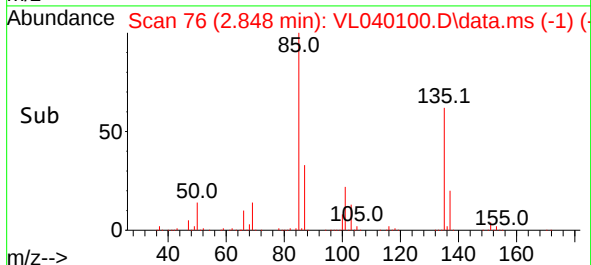
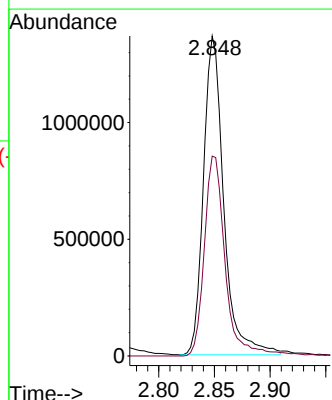
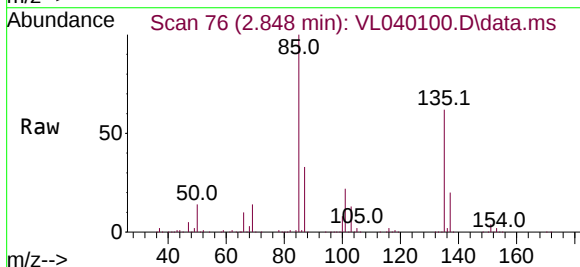
Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01

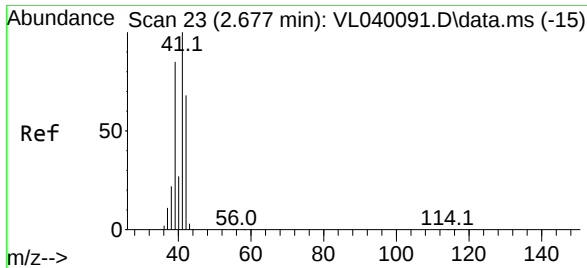
Tgt Ion: 64 Resp: 259074
Ion Ratio Lower Upper
64 100
66 31.6 25.6 38.4



#8
Dichlorotetrafluoroethane
Concen: 8.773 ppbv
RT: 2.848 min Scan# 76
Delta R.T. 0.006 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

Tgt Ion: 85 Resp: 1731764
Ion Ratio Lower Upper
85 100
135 65.3 51.4 77.2

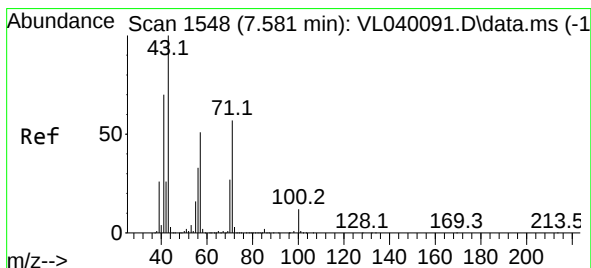
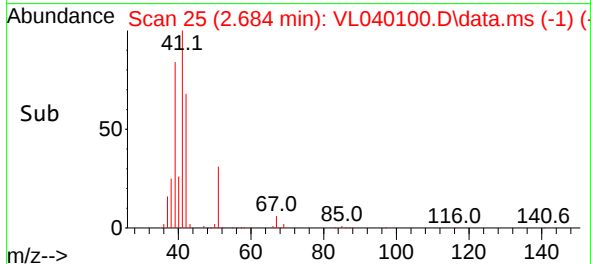
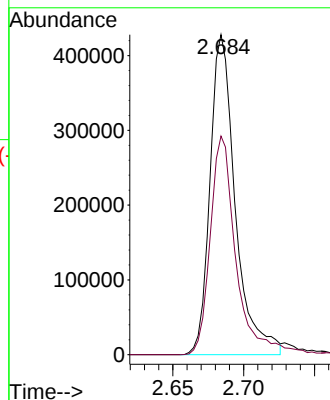
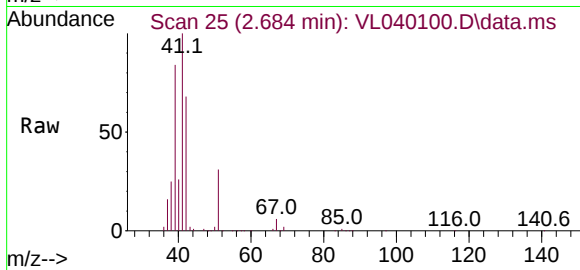




#9
Propene
Concen: 8.840 ppbv
RT: 2.684 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

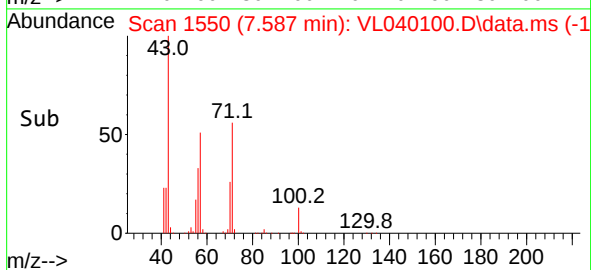
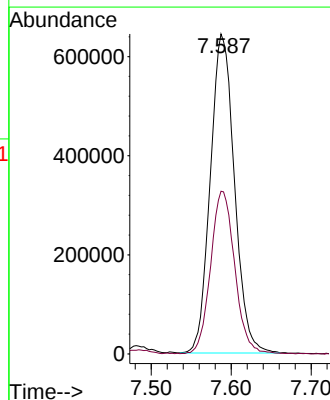
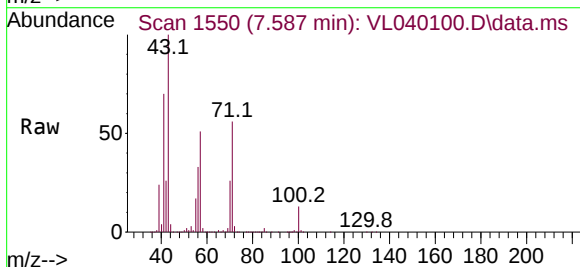
Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01

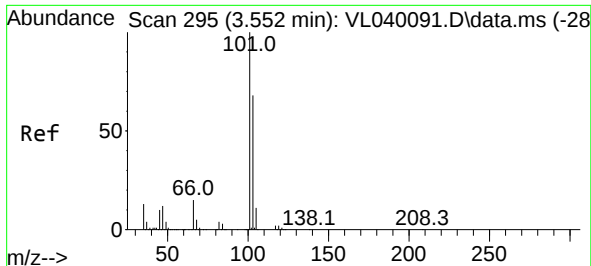
Tgt Ion: 41 Resp: 531286
Ion Ratio Lower Upper
41 100
42 70.9 55.6 83.4



#10
Heptane
Concen: 9.727 ppbv
RT: 7.587 min Scan# 1550
Delta R.T. 0.006 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

Tgt Ion: 43 Resp: 1347381
Ion Ratio Lower Upper
43 100
57 51.4 40.9 61.3

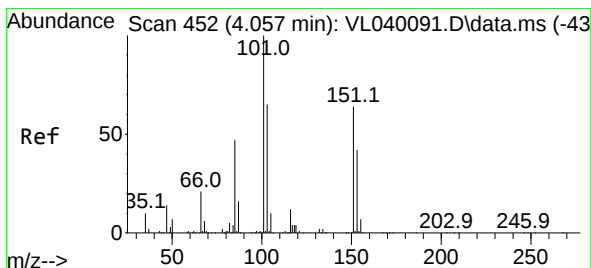
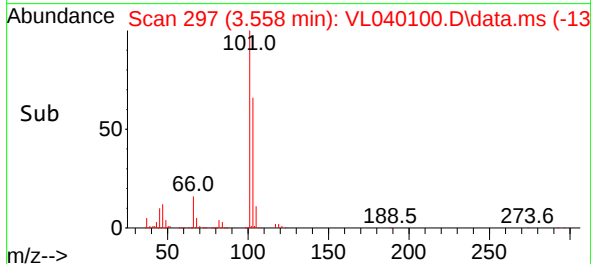
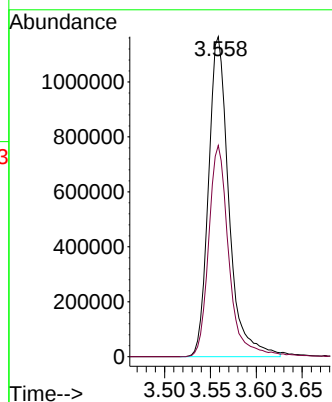
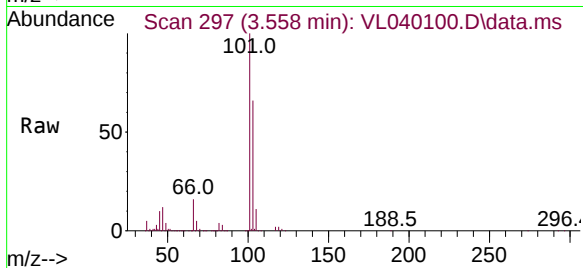




#11
 Trichlorofluoromethane
 Concen: 8.537 ppbv
 RT: 3.558 min Scan# 295
 Delta R.T. 0.006 min
 Lab File: VL040100.D
 Acq: 16 Jan 2023 16:28

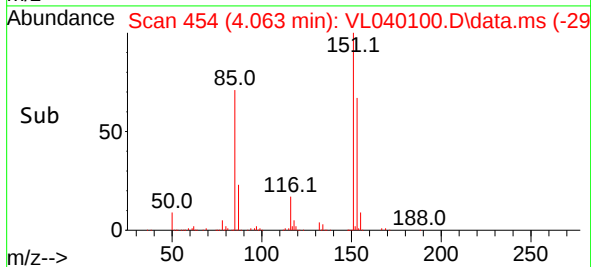
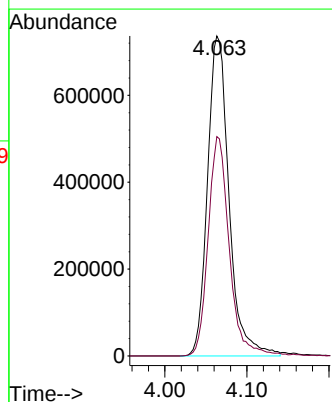
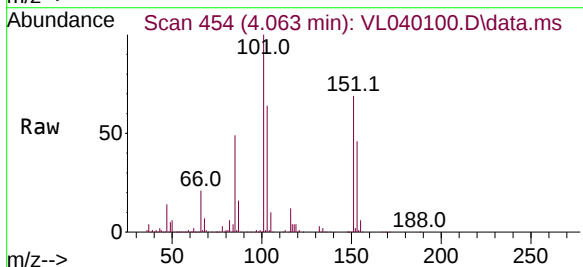
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0116ABS01

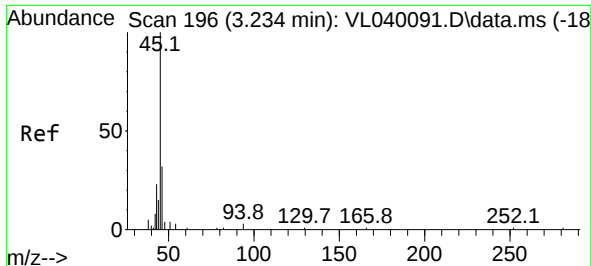
Tgt Ion:101 Resp: 1801623
 Ion Ratio Lower Upper
 101 100
 103 66.0 54.0 81.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.473 ppbv
 RT: 4.063 min Scan# 454
 Delta R.T. 0.006 min
 Lab File: VL040100.D
 Acq: 16 Jan 2023 16:28

Tgt Ion:101 Resp: 1344197
 Ion Ratio Lower Upper
 101 100
 151 67.7 53.2 79.8

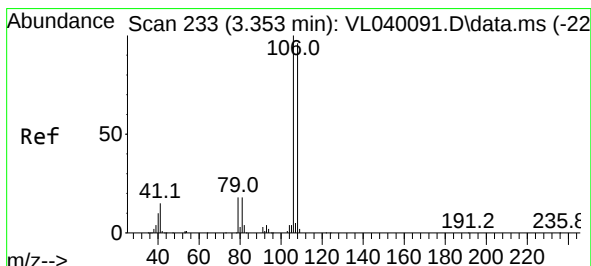
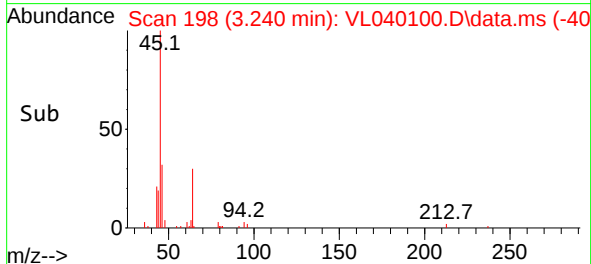
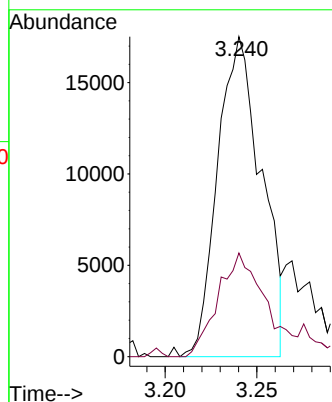
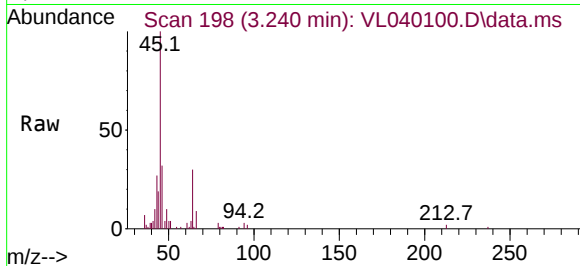




#13
Ethanol
Concen: 5.259 ppbv
RT: 3.240 min Scan# 196
Delta R.T. 0.006 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

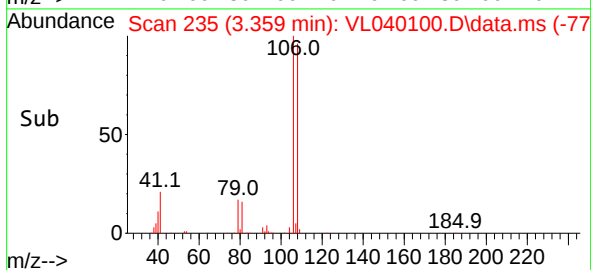
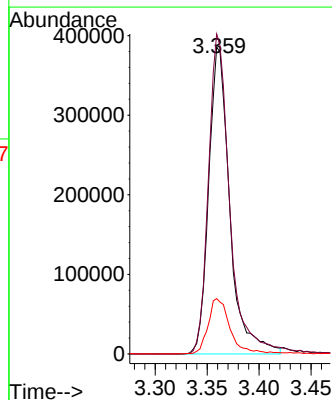
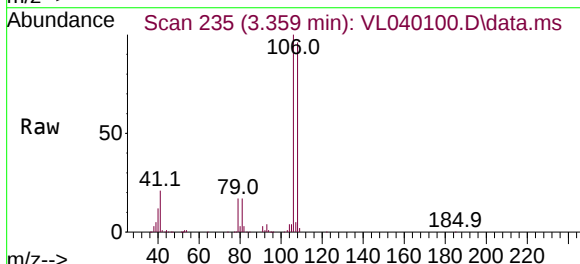
Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01

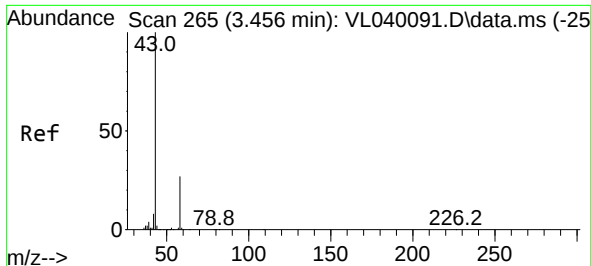
Tgt Ion: 45 Resp: 29092
Ion Ratio Lower Upper
45 100
46 43.6 14.8 59.2



#14
Bromoethene
Concen: 9.252 ppbv
RT: 3.359 min Scan# 235
Delta R.T. 0.006 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

Tgt Ion: 108 Resp: 544909
Ion Ratio Lower Upper
108 100
106 106.8 87.0 130.6
79 19.4 16.1 24.1





#15

Acetone

Concen: 8.293 ppbv

RT: 3.462 min Scan# 2

Delta R.T. 0.006 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

Instrument :

MSVOA_L

ClientSampleId :

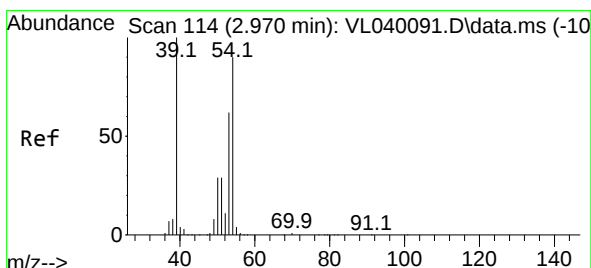
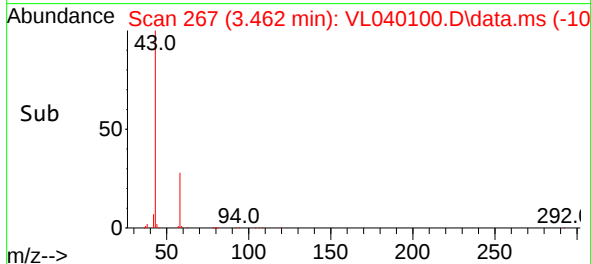
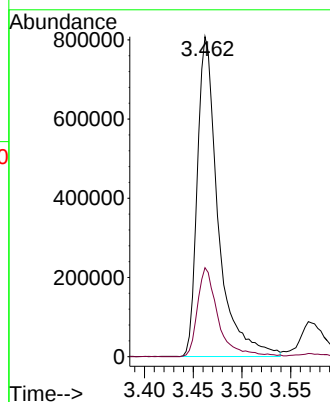
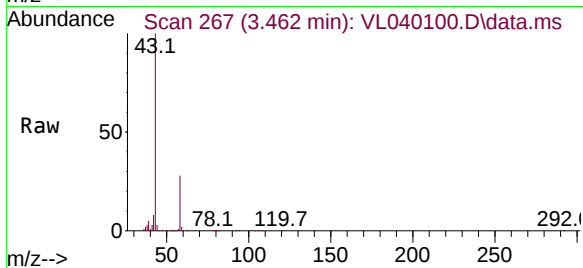
VL0116ABS01

Tgt Ion: 43 Resp: 1199528

Ion Ratio Lower Upper

43 100

58 27.8 21.8 32.8



#16

1,3-Butadiene

Concen: 9.336 ppbv

RT: 2.977 min Scan# 116

Delta R.T. 0.006 min

Lab File: VL040100.D

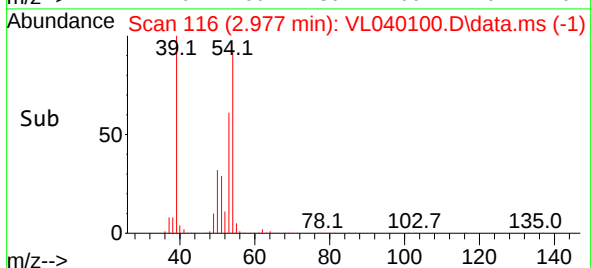
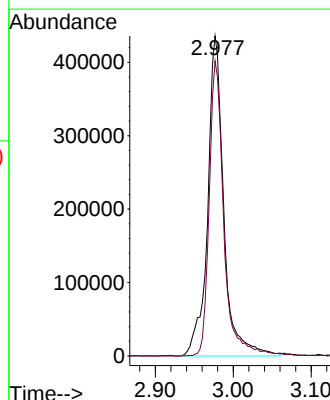
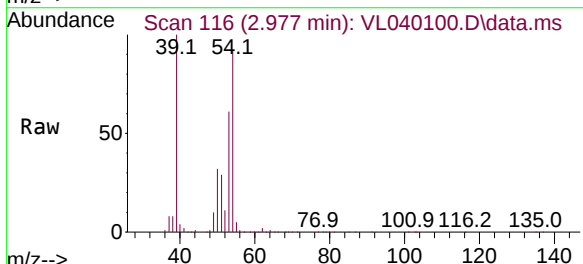
Acq: 16 Jan 2023 16:28

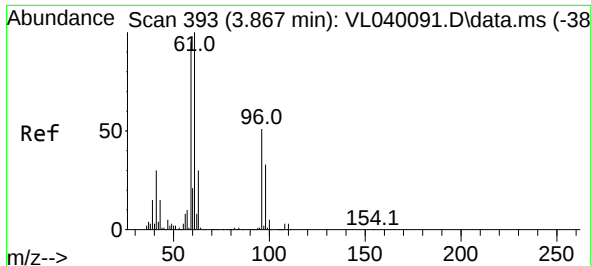
Tgt Ion: 39 Resp: 629544

Ion Ratio Lower Upper

39 100

54 83.4 67.9 101.9





#17

tert-Butyl alcohol

Concen: 8.553 ppbv

RT: 3.874 min Scan# 395

Delta R.T. 0.006 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

Instrument :

MSVOA_L

ClientSampleId :

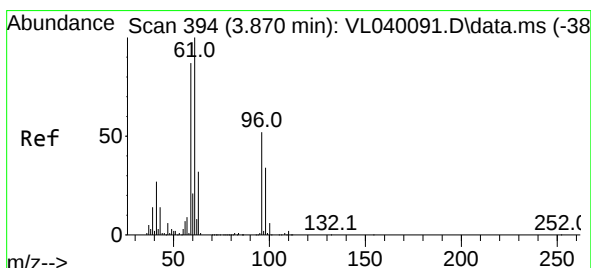
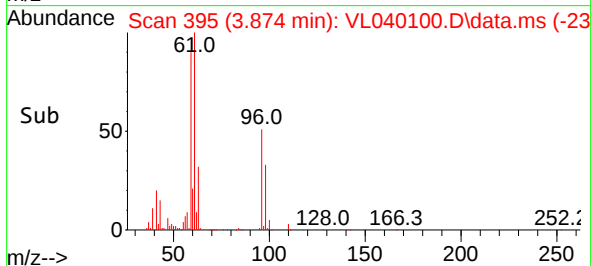
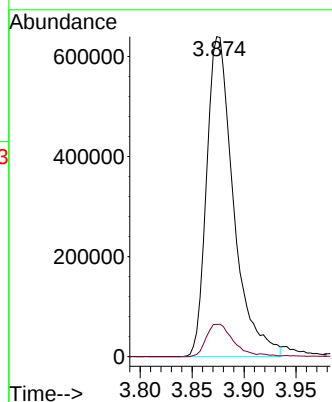
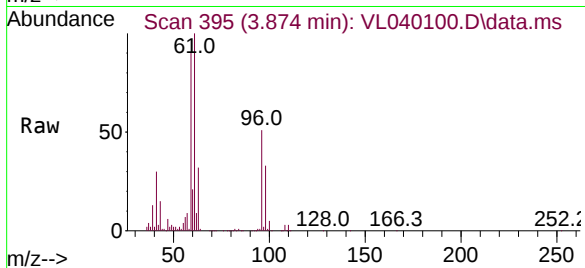
VL0116ABS01

Tgt Ion: 59 Resp: 1152053

Ion Ratio Lower Upper

59 100

57 10.7 8.5 12.7



#18

1,1-Dichloroethene

Concen: 8.642 ppbv

RT: 3.877 min Scan# 396

Delta R.T. 0.006 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

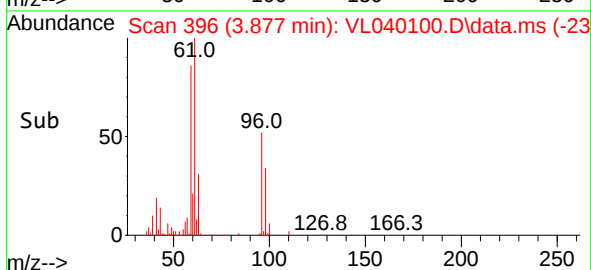
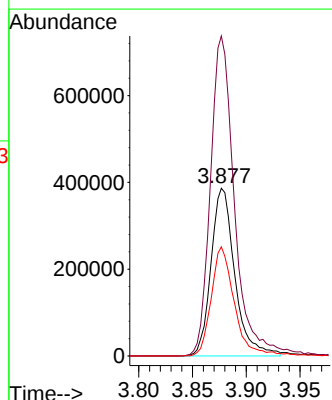
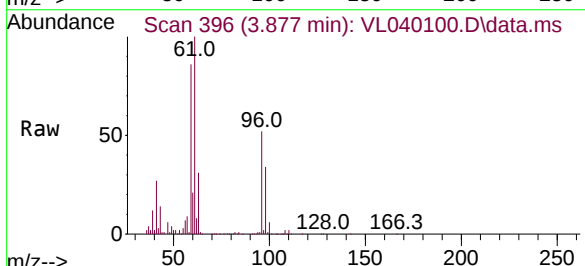
Tgt Ion: 96 Resp: 595742

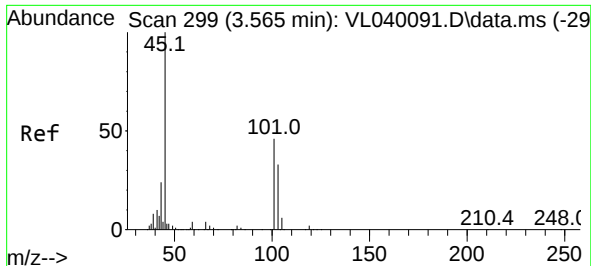
Ion Ratio Lower Upper

96 100

61 190.9 153.0 229.4

98 65.1 52.7 79.1





#19

Isopropyl Alcohol

Concen: 8.123 ppbv

RT: 3.571 min Scan# 301

Delta R.T. 0.006 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

Instrument :

MSVOA_L

ClientSampleId :

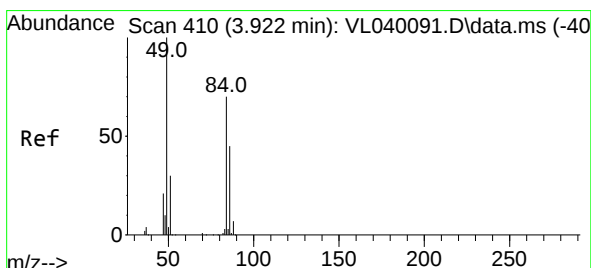
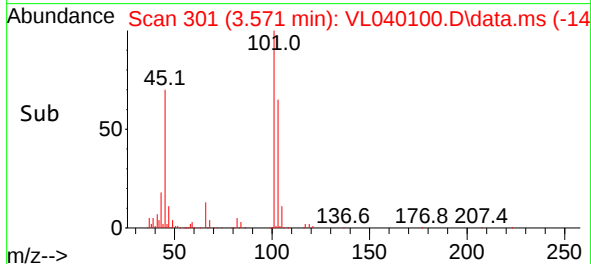
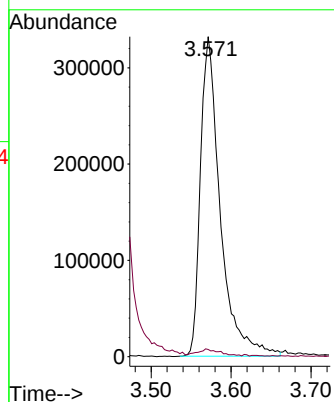
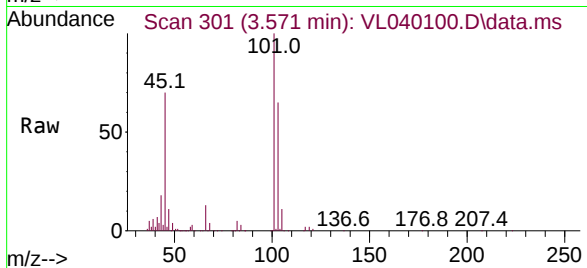
VL0116ABS01

Tgt Ion: 45 Resp: 574826

Ion Ratio Lower Upper

45 100

58 2.9 2.6 4.0



#20

Methylene Chloride

Concen: 7.903 ppbv

RT: 3.931 min Scan# 413

Delta R.T. 0.010 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

Tgt Ion: 84 Resp: 504322

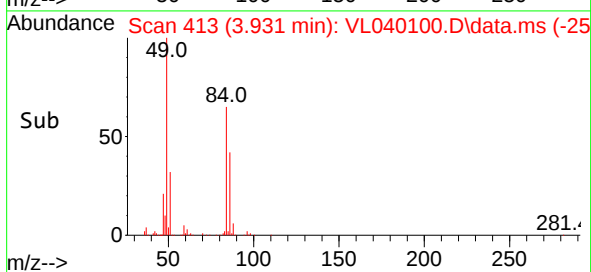
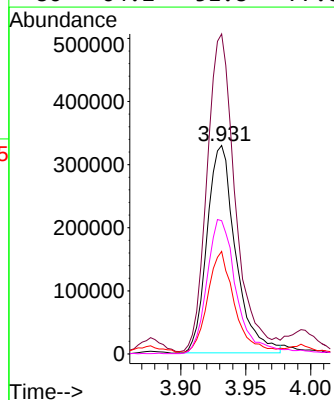
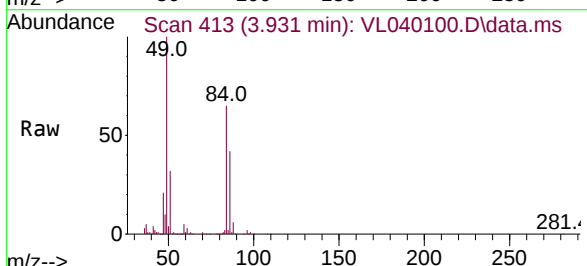
Ion Ratio Lower Upper

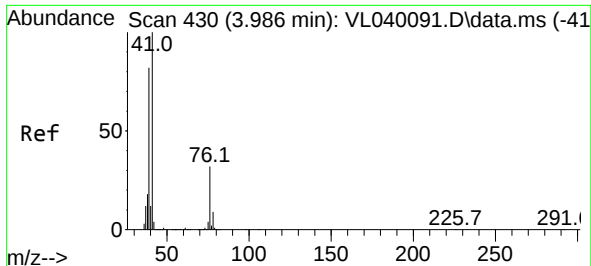
84 100

49 153.2 114.6 171.8

51 48.4 34.3 51.5

86 64.2 51.8 77.8





#21

Allyl Chloride

Concen: 9.347 ppbv

RT: 3.996 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

Instrument :

MSVOA_L

ClientSampleId :

VL0116ABS01

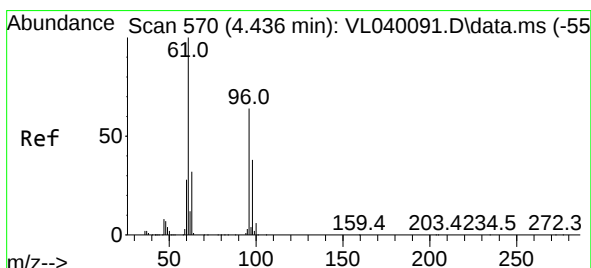
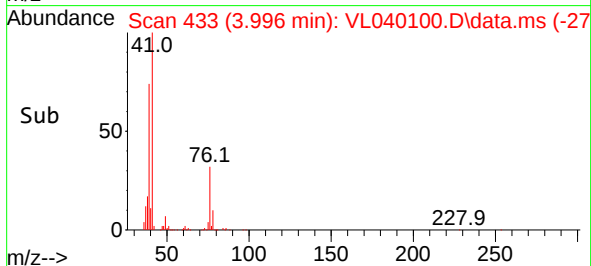
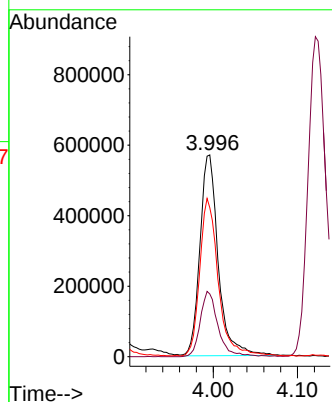
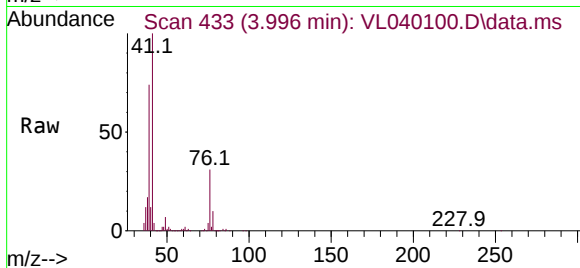
Tgt Ion: 41 Resp: 868067

Ion Ratio Lower Upper

41 100

76 31.4 25.9 38.9

39 79.3 66.8 100.2



#22

trans-1,2-Dichloroethene

Concen: 9.014 ppbv

RT: 4.446 min Scan# 573

Delta R.T. 0.010 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

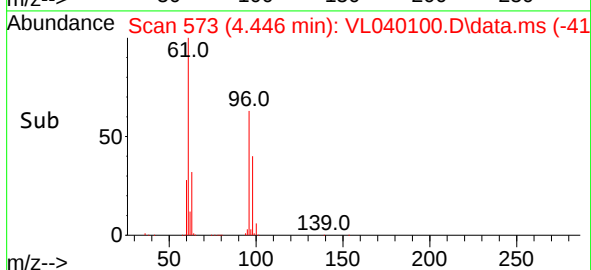
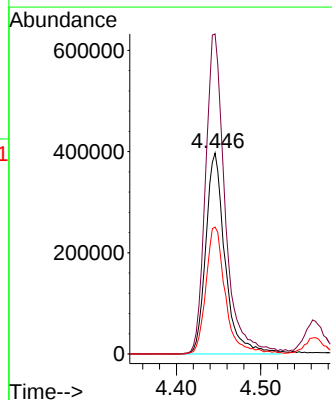
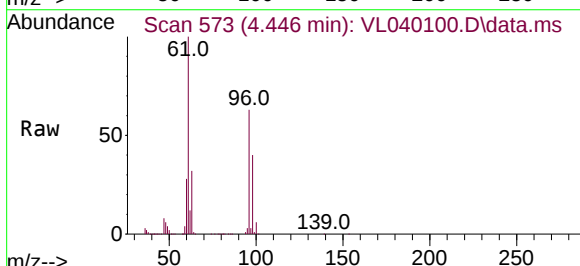
Tgt Ion: 96 Resp: 634893

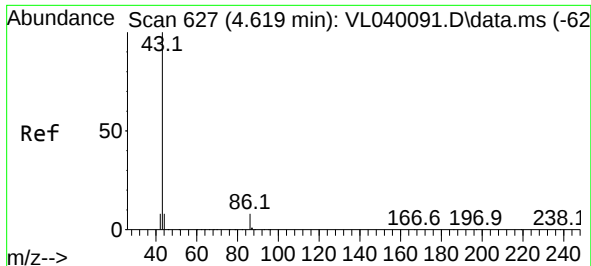
Ion Ratio Lower Upper

96 100

61 159.3 125.8 188.8

98 63.1 47.4 71.2

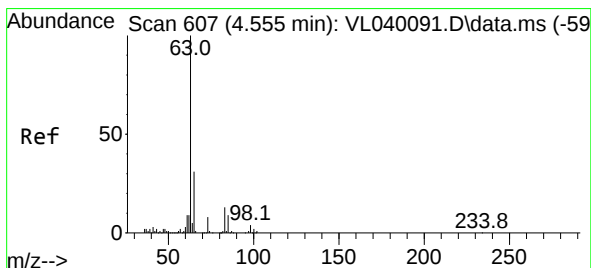
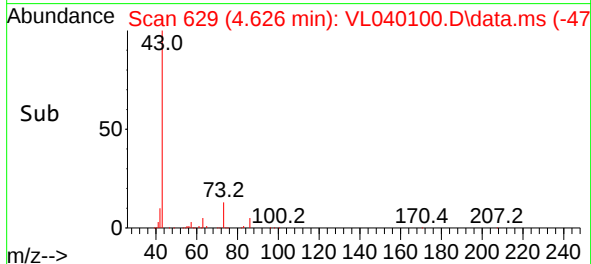
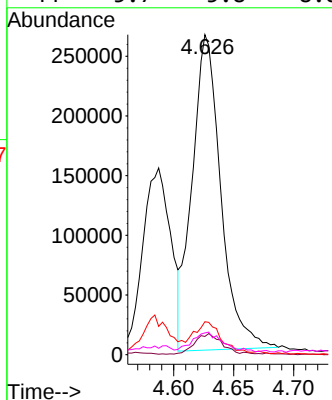
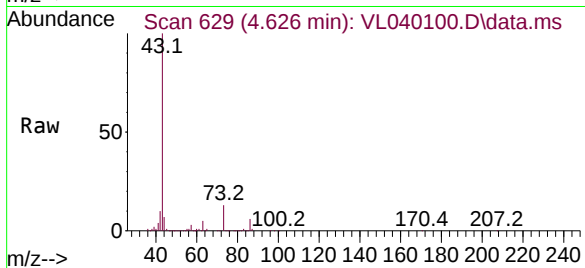




#23
 Vinyl Acetate
 Concen: 9.402 ppbv
 RT: 4.626 min Scan# 610
 Delta R.T. 0.006 min
 Lab File: VL040100.D
 Acq: 16 Jan 2023 16:28

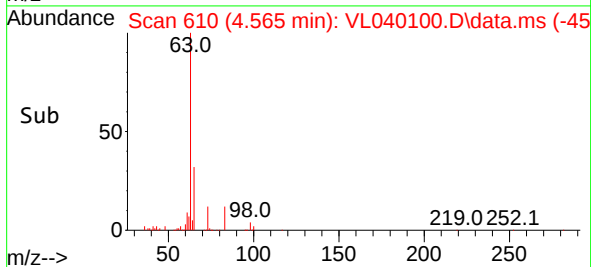
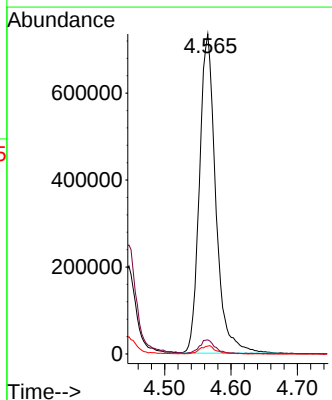
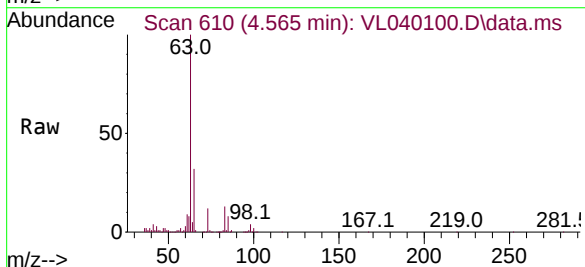
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0116ABS01

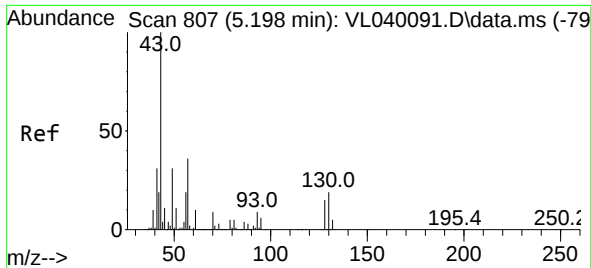
Tgt Ion: 43 Resp: 440811
 Ion Ratio Lower Upper
 43 100
 86 5.5 5.6 8.4#
 42 9.9 7.7 11.5
 44 5.7 5.8 8.8#



#24
 1,1-Dichloroethane
 Concen: 8.823 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. 0.010 min
 Lab File: VL040100.D
 Acq: 16 Jan 2023 16:28

Tgt Ion: 63 Resp: 1252763
 Ion Ratio Lower Upper
 63 100
 98 4.3 2.0 5.8
 100 2.4 1.1 3.5





#25

Ethyl Acetate

Concen: 9.751 ppbv

RT: 5.205 min Scan# 80

Delta R.T. 0.006 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

Instrument :

MSVOA_L

ClientSampleId :

VL0116ABS01

Tgt Ion: 43 Resp: 2484665

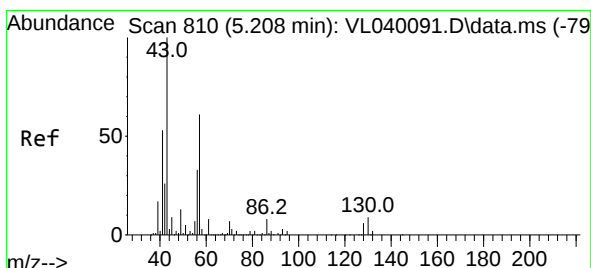
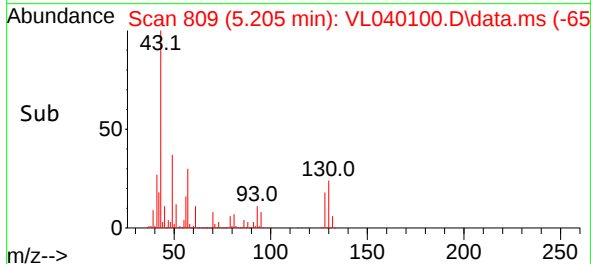
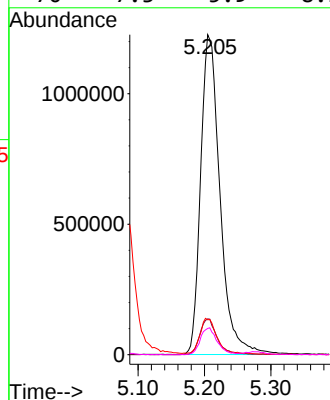
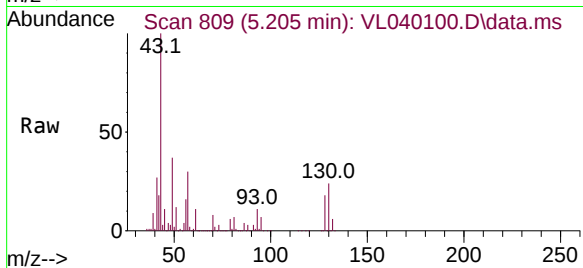
Ion Ratio Lower Upper

43 100

45 10.3 8.5 12.7

61 10.5 8.4 12.6

70 7.3 5.9 8.9



#26

Hexane

Concen: 9.449 ppbv

RT: 5.214 min Scan# 812

Delta R.T. 0.006 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

Tgt Ion: 57 Resp: 1053735

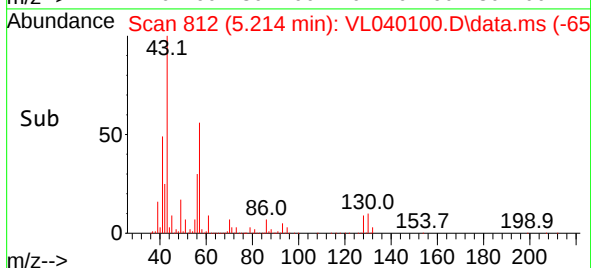
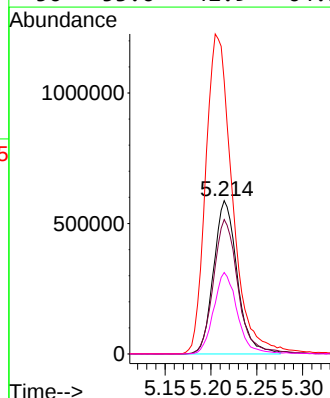
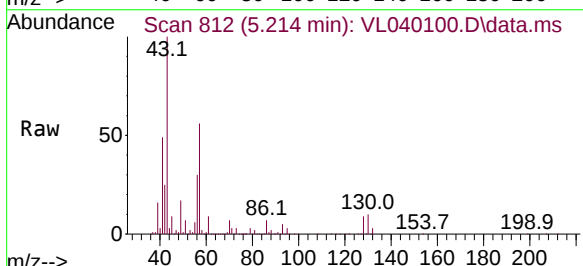
Ion Ratio Lower Upper

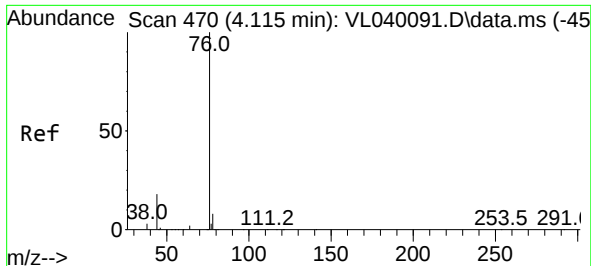
57 100

41 91.7 72.2 108.4

43 237.4 192.1 288.1

56 53.6 42.9 64.3



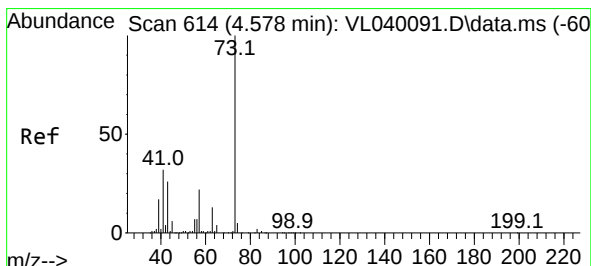
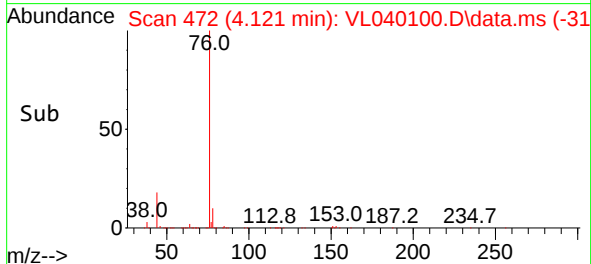
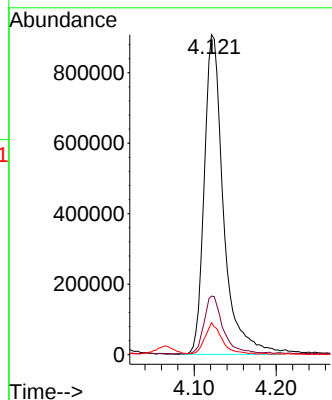
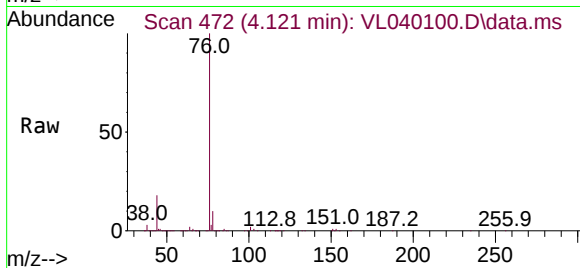


#27
Carbon Disulfide
Concen: 10.231 ppbv
RT: 4.121 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01

Tgt Ion: 76 Resp: 1478082

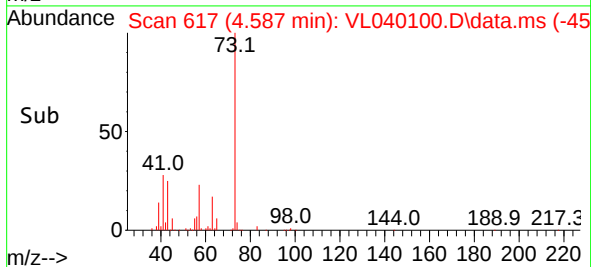
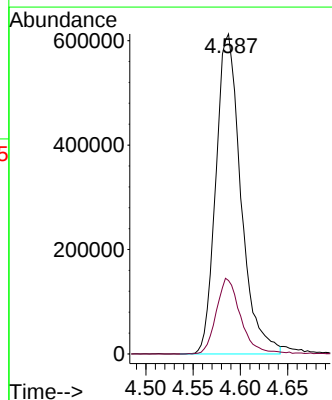
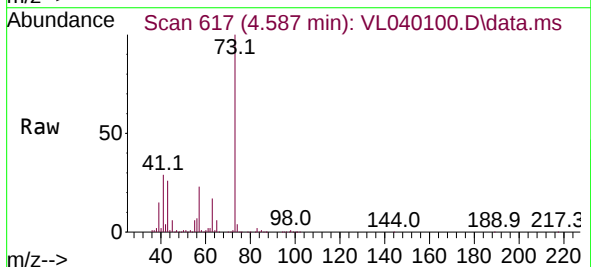
Ion	Ratio	Lower	Upper
76	100		
44	18.5	14.9	22.3
78	9.6	8.2	12.2

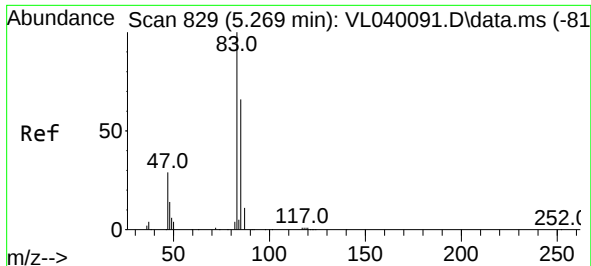


#28
Methyl tert-Butyl Ether
Concen: 8.983 ppbv
RT: 4.587 min Scan# 617
Delta R.T. 0.010 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

Tgt Ion: 73 Resp: 1126973

Ion	Ratio	Lower	Upper
73	100		
57	23.4	18.3	27.5





#29

Chloroform

Concen: 10.086 ppbv

RT: 5.279 min Scan# 81

Delta R.T. 0.010 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

Instrument :

MSVOA_L

ClientSampleId :

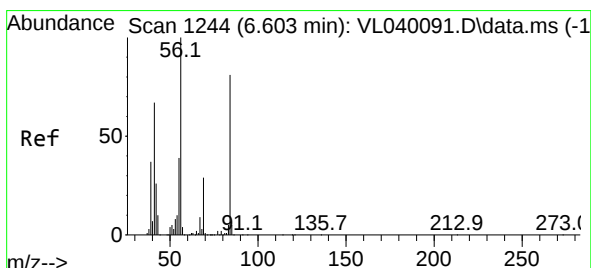
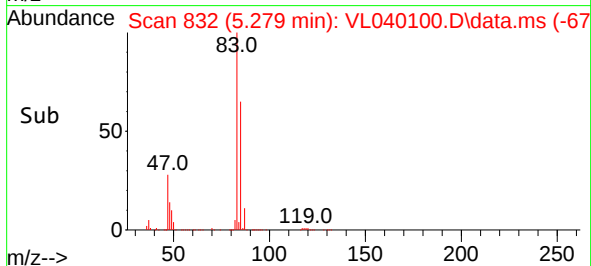
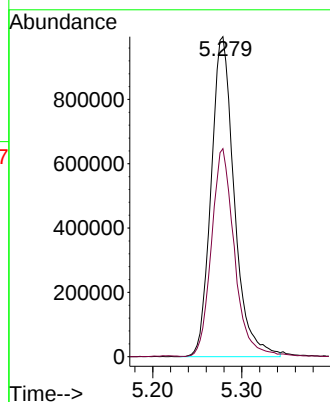
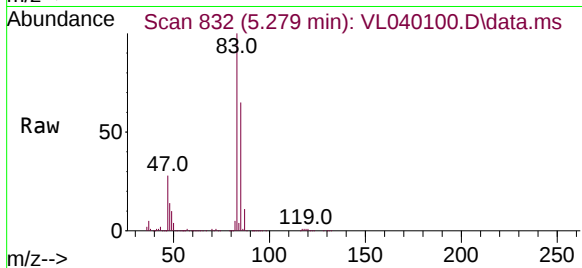
VL0116ABS01

Tgt Ion: 83 Resp: 1798223

Ion Ratio Lower Upper

83 100

85 64.9 53.1 79.7



#30

Cyclohexane

Concen: 9.821 ppbv

RT: 6.610 min Scan# 1246

Delta R.T. 0.006 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

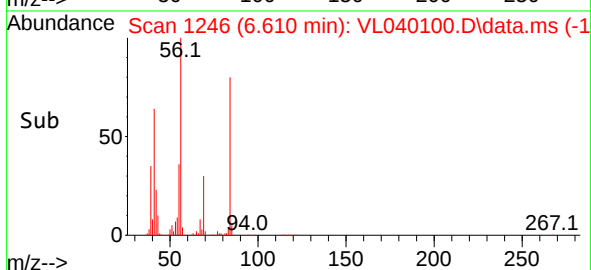
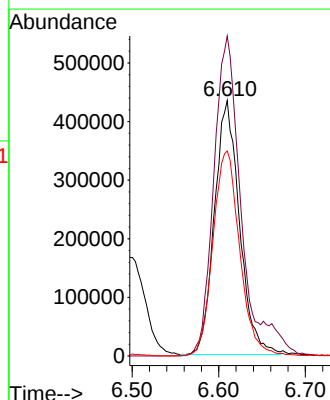
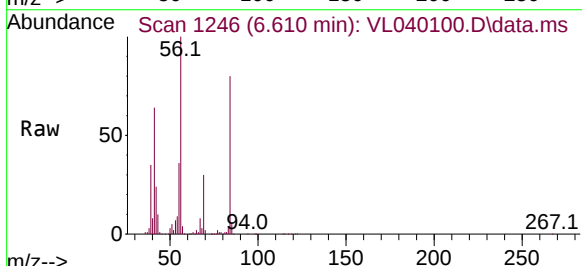
Tgt Ion: 84 Resp: 870590

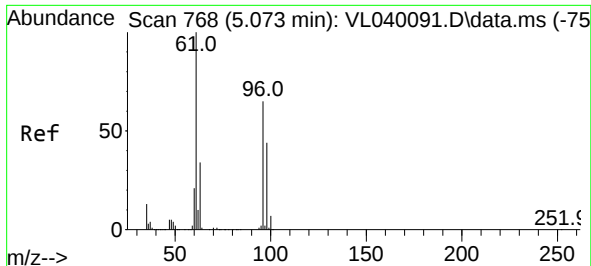
Ion Ratio Lower Upper

84 100

56 139.2 111.5 167.3

41 86.7 71.4 107.0





#31

cis-1,2-Dichloroethene

Concen: 9.879 ppbv

RT: 5.079 min Scan# 7

Delta R.T. 0.006 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

Instrument :

MSVOA_L

ClientSampleId :

VL0116ABS01

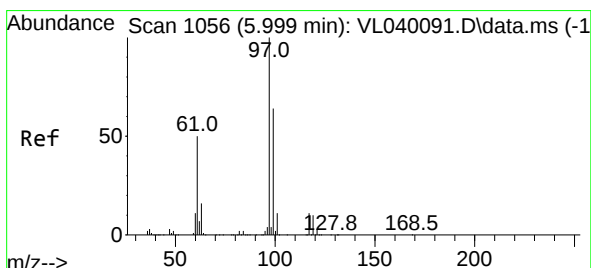
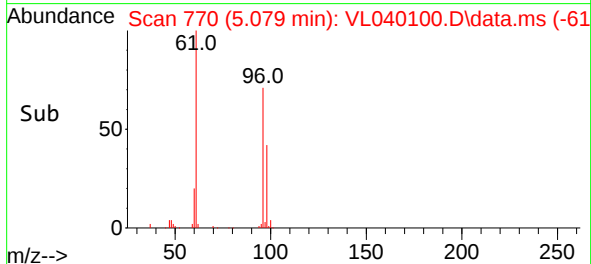
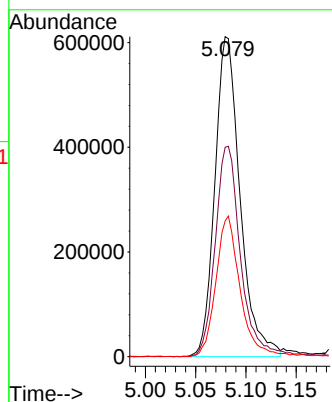
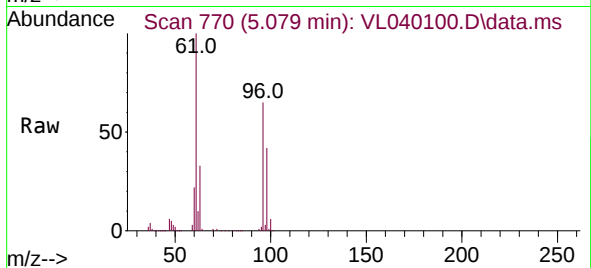
Tgt Ion: 61 Resp: 1066463

Ion Ratio Lower Upper

61 100

96 65.4 52.0 78.0

98 42.4 35.3 52.9



#32

1,1,1-Trichloroethane

Concen: 9.873 ppbv

RT: 6.009 min Scan# 1059

Delta R.T. 0.010 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

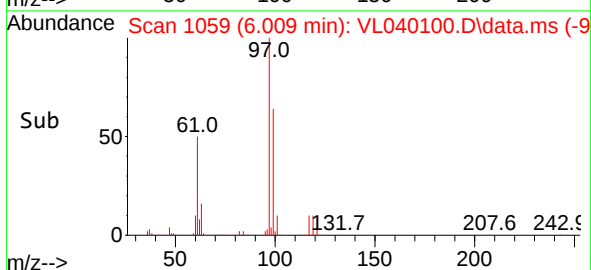
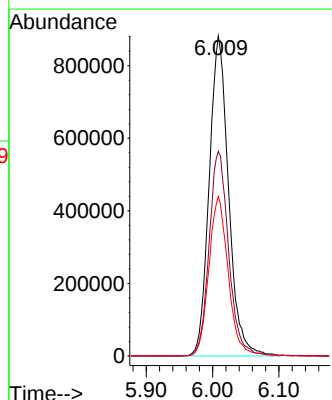
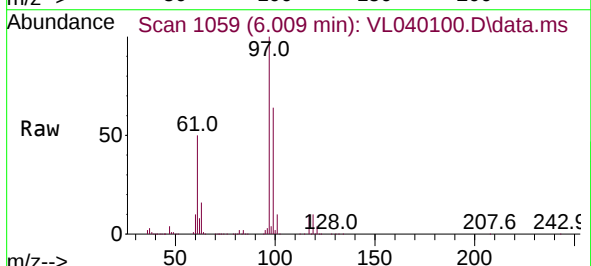
Tgt Ion: 97 Resp: 1789119

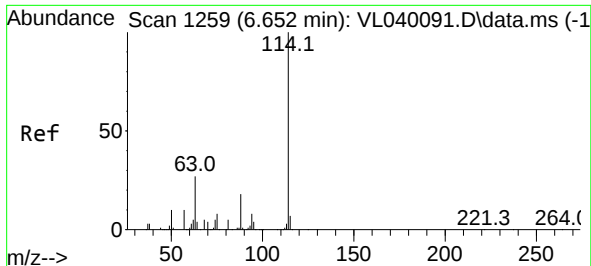
Ion Ratio Lower Upper

97 100

99 64.6 51.8 77.6

61 50.2 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.661 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

Instrument :

MSVOA_L

ClientSampleId :

VL0116ABS01

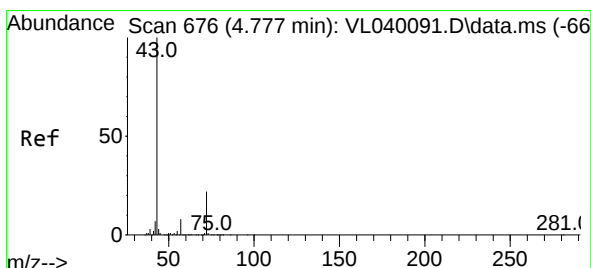
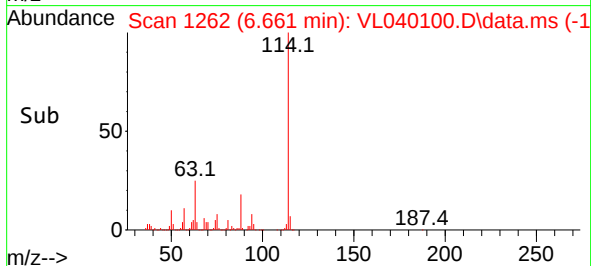
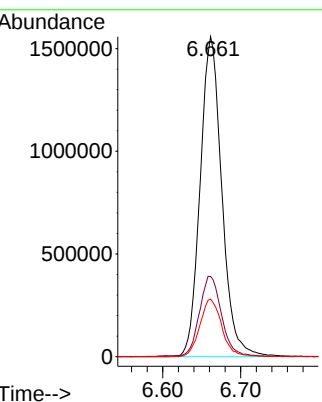
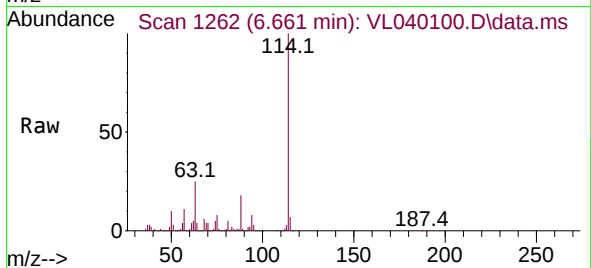
Tgt Ion:114 Resp: 3009097

Ion Ratio Lower Upper

114 100

63 26.2 21.8 32.8

88 18.2 14.8 22.2



#34

2-Butanone

Concen: 9.603 ppbv

RT: 4.787 min Scan# 679

Delta R.T. 0.010 min

Lab File: VL040100.D

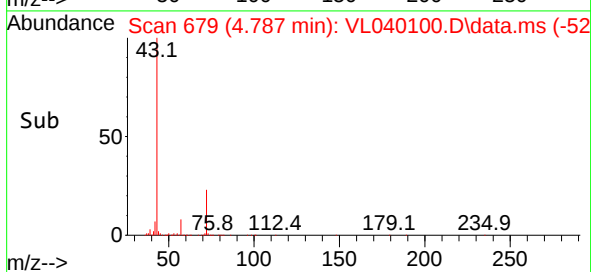
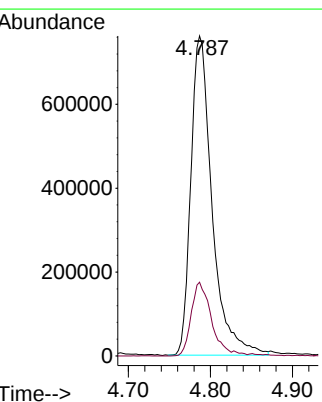
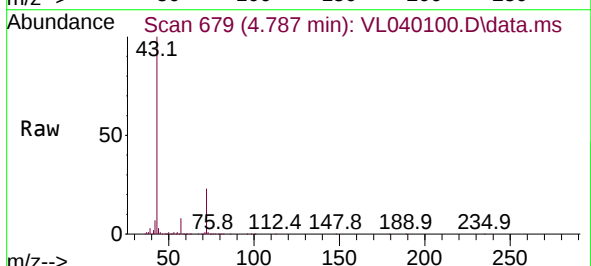
Acq: 16 Jan 2023 16:28

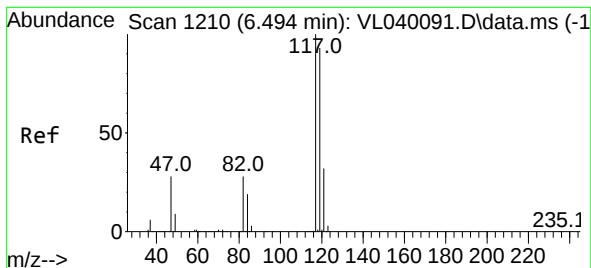
Tgt Ion: 43 Resp: 1366860

Ion Ratio Lower Upper

43 100

72 22.8 18.4 27.6





#35

Carbon Tetrachloride

Concen: 10.729 ppbv

RT: 6.500 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

Instrument :

MSVOA_1

ClientSampleId :

VL0116ABS01

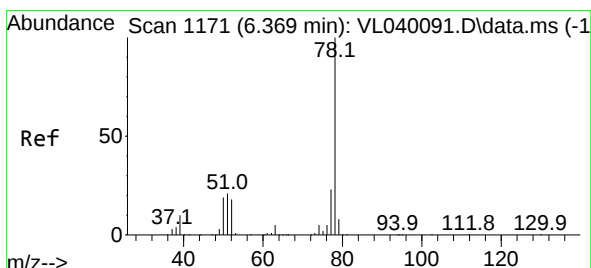
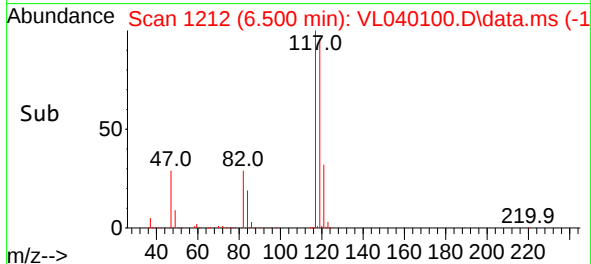
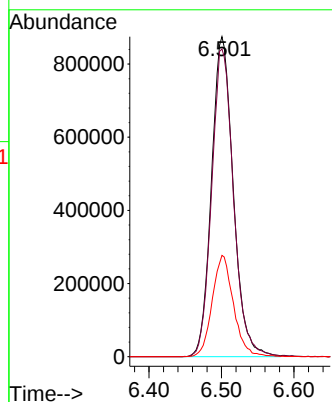
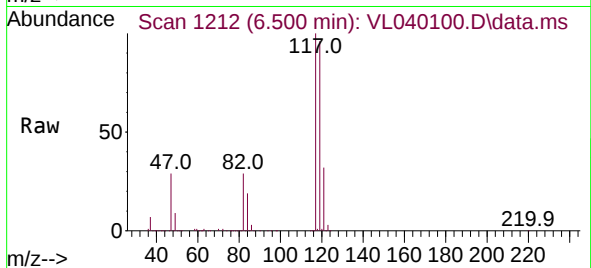
Tgt Ion:117 Resp: 1825414

Ion Ratio Lower Upper

117 100

119 96.1 74.5 111.7

121 31.7 25.4 38.0



#36

Benzene

Concen: 9.925 ppbv

RT: 6.378 min Scan# 1174

Delta R.T. 0.010 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

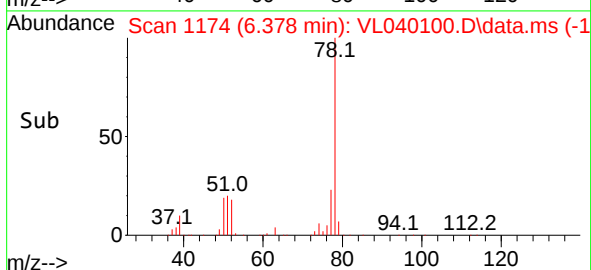
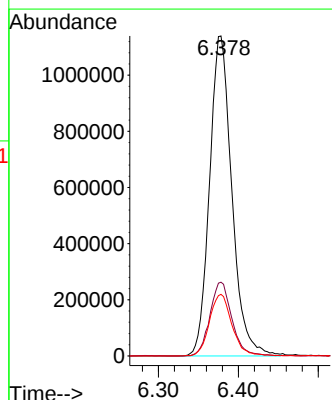
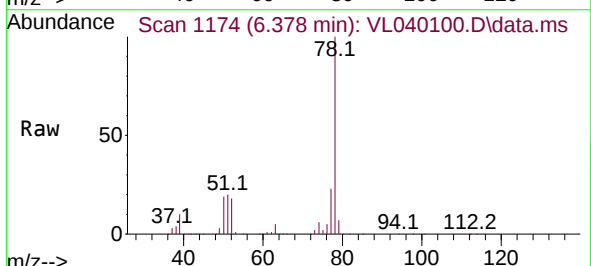
Tgt Ion: 78 Resp: 2210167

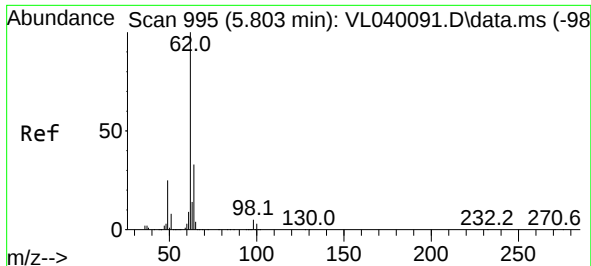
Ion Ratio Lower Upper

78 100

77 23.0 18.1 27.1

50 19.2 15.6 23.4

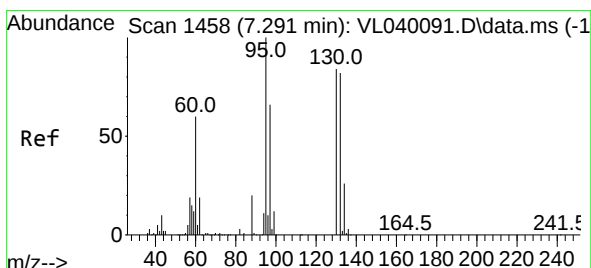
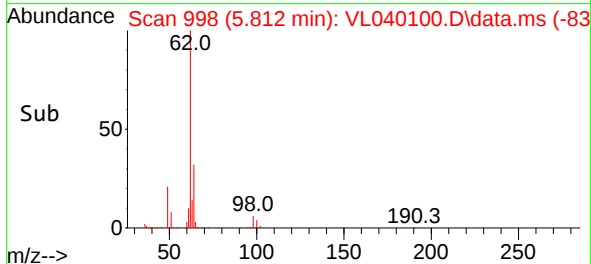
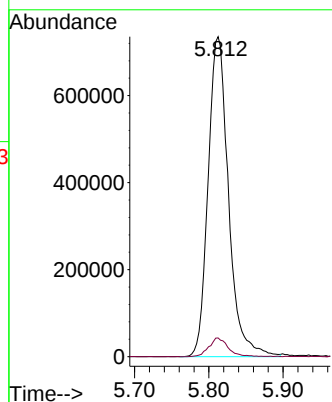
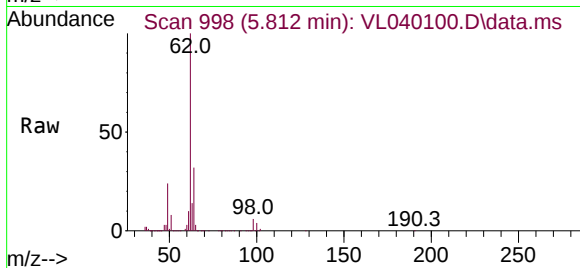




#37
1,2-Dichloroethane
Concen: 9.803 ppbv
RT: 5.812 min Scan# 995
Delta R.T. 0.010 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

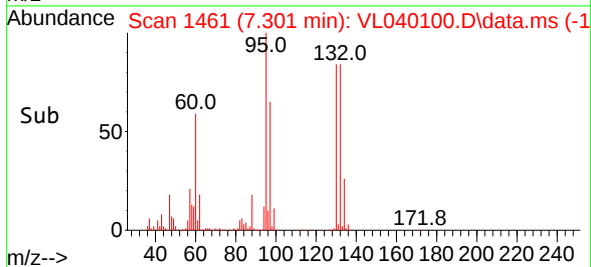
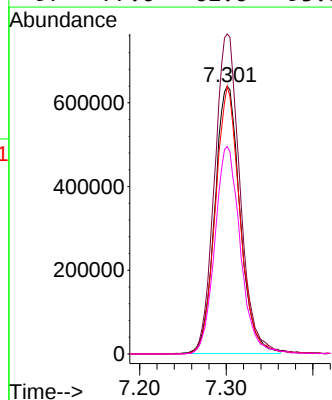
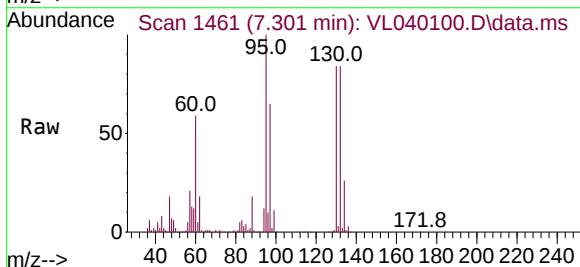
Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01

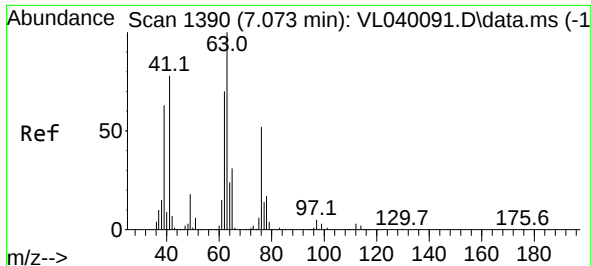
Tgt Ion: 62 Resp: 1403049
Ion Ratio Lower Upper
62 100
98 5.6 4.4 6.6



#38
Trichloroethene
Concen: 10.243 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. 0.010 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

Tgt Ion:130 Resp: 1294568
Ion Ratio Lower Upper
130 100
95 119.8 95.0 142.6
132 100.3 77.9 116.9
97 77.6 62.6 93.8





#39

1,2-Dichloropropane

Concen: 9.901 ppbv

RT: 7.082 min Scan# 1

Delta R.T. 0.010 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

Instrument :

MSVOA_L

ClientSampleId :

VL0116ABS01

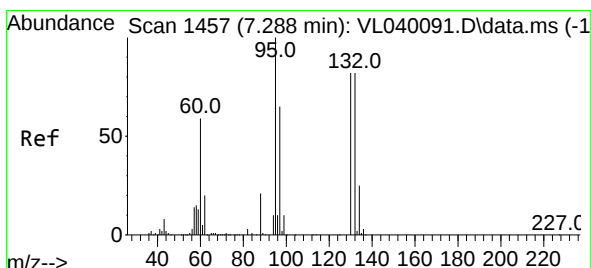
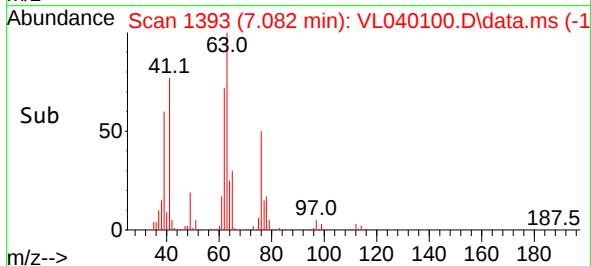
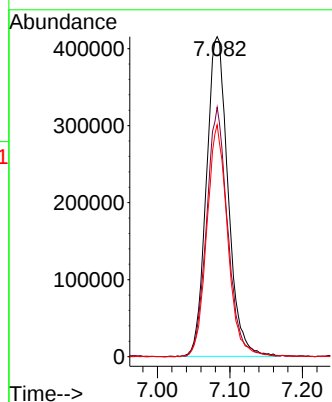
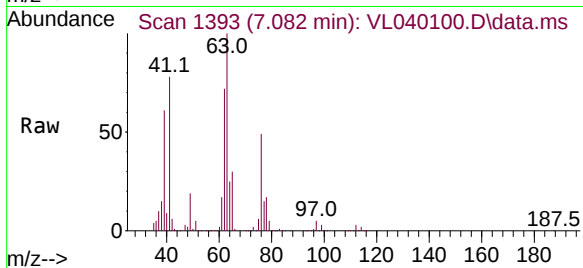
Tgt Ion: 63 Resp: 862418

Ion Ratio Lower Upper

63 100

41 78.0 62.2 93.4

62 72.5 55.8 83.8



#40

1,4-Dioxane

Concen: 8.813 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. 0.010 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

Tgt Ion: 88 Resp: 304628

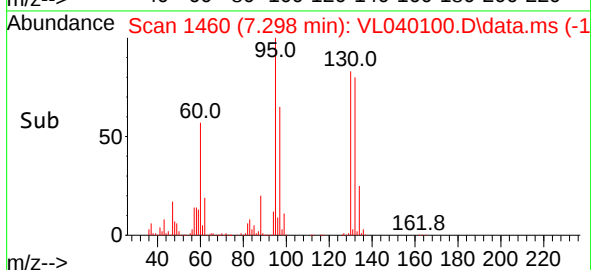
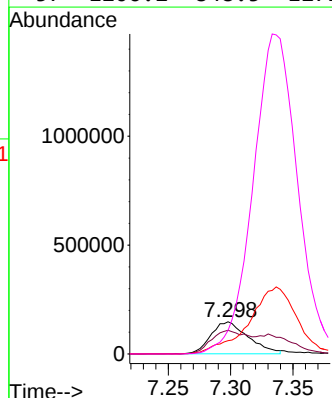
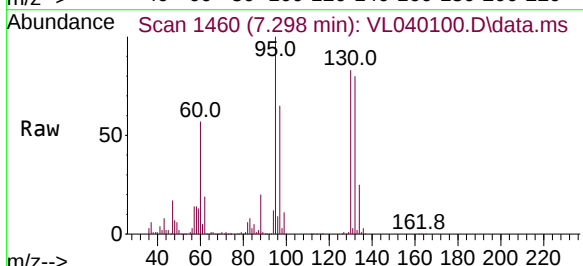
Ion Ratio Lower Upper

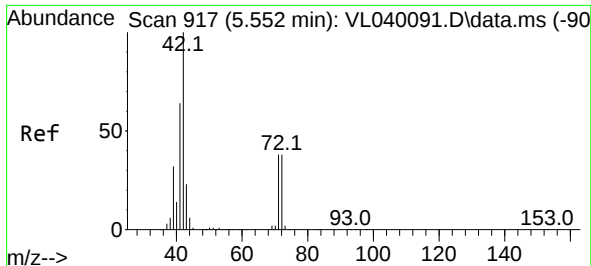
88 100

58 132.5 97.5 146.3

43 270.7 195.0 292.4

57 1206.2 848.5 1272.7





#41

Tetrahydrofuran

Concen: 10.479 ppbv

RT: 5.562 min Scan# 91

Delta R.T. 0.010 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

Instrument :

MSVOA_L

ClientSampleId :

VL0116ABS01

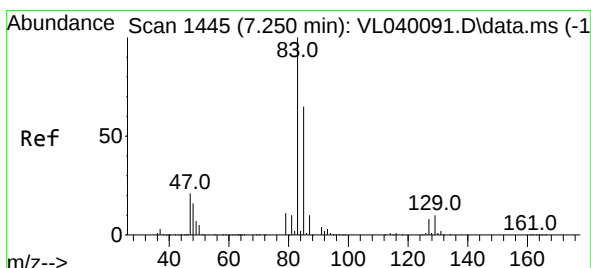
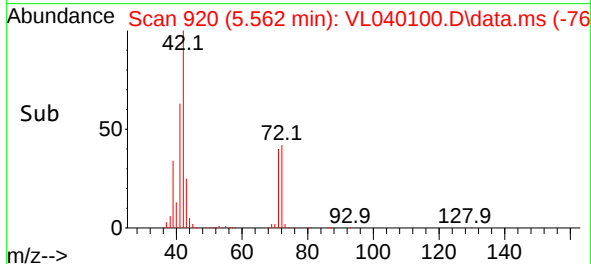
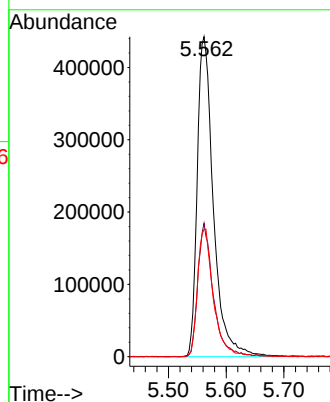
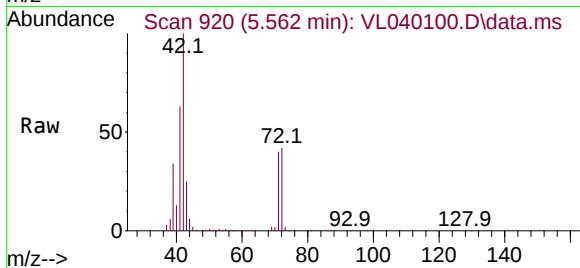
Tgt Ion: 42 Resp: 860864

Ion Ratio Lower Upper

42 100

72 39.9 31.9 47.9

71 39.5 31.4 47.2



#42

Bromodichloromethane

Concen: 10.229 ppbv

RT: 7.256 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

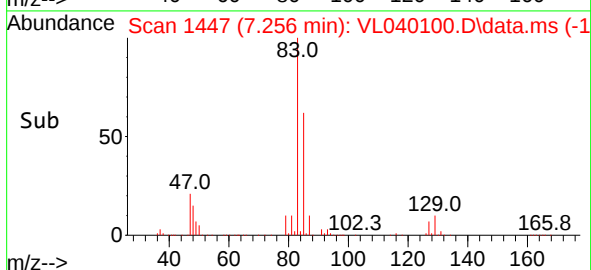
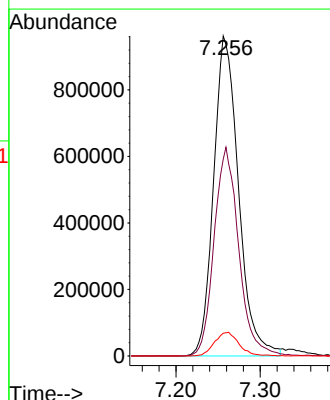
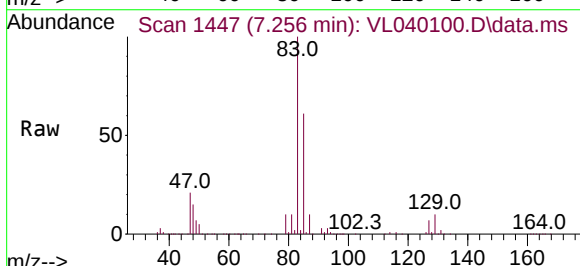
Tgt Ion: 83 Resp: 1977029

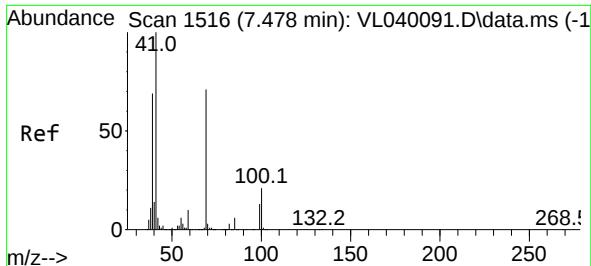
Ion Ratio Lower Upper

83 100

85 61.5 51.7 77.5

127 7.1 6.2 9.2

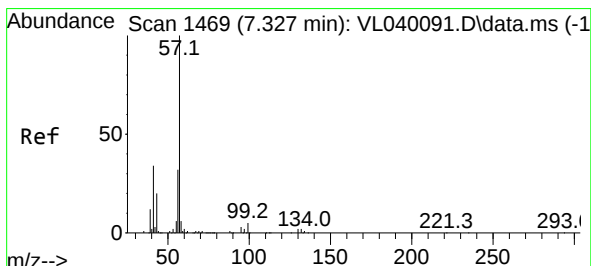
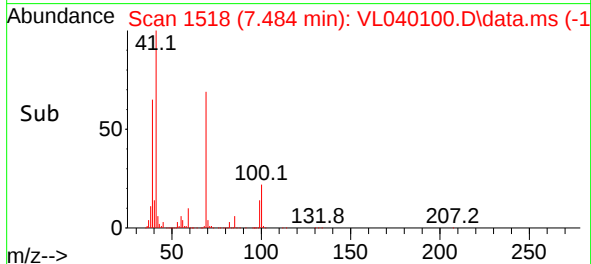
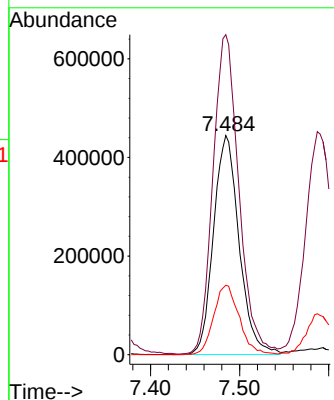
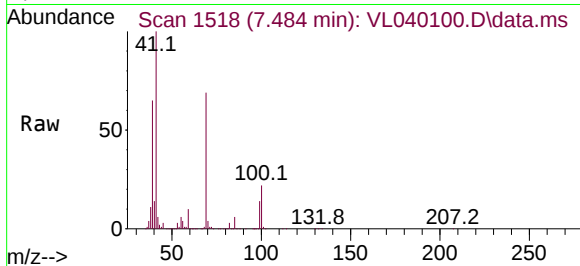




#43
Methyl Methacrylate
Concen: 10.860 ppbv
RT: 7.484 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

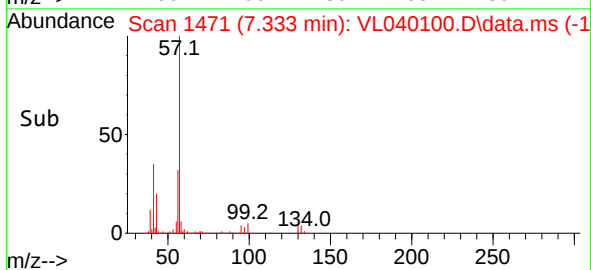
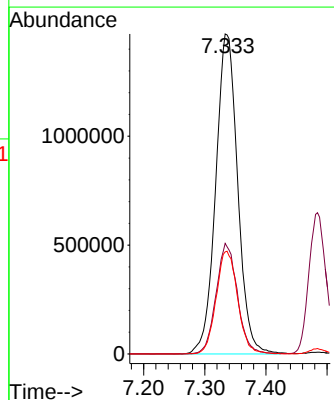
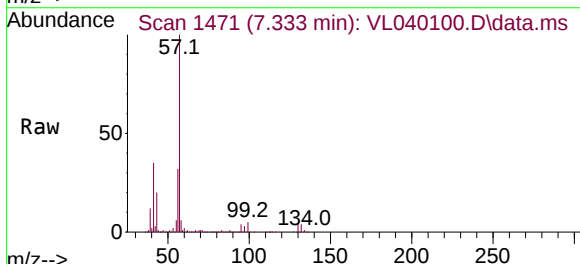
Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01

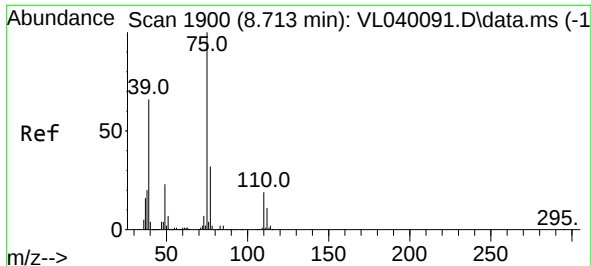
Tgt Ion: 69 Resp: 887468
Ion Ratio Lower Upper
69 100
41 148.4 118.2 177.2
100 31.6 24.2 36.4



#44
2,2,4-Trimethylpentane
Concen: 9.911 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

Tgt Ion: 57 Resp: 3670322
Ion Ratio Lower Upper
57 100
41 33.5 27.1 40.7
56 31.5 25.0 37.4

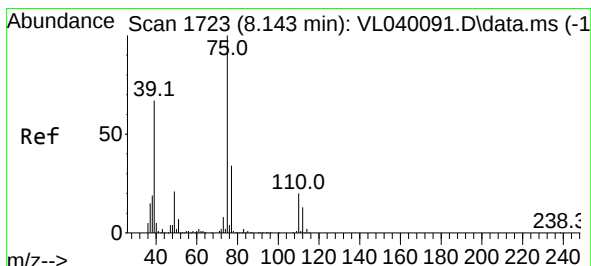
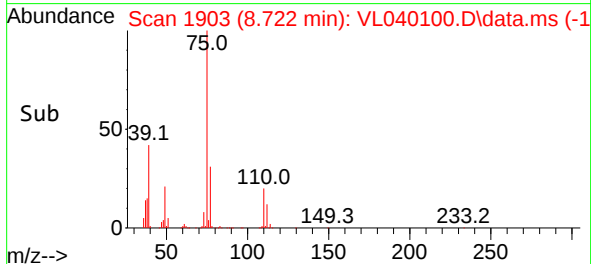
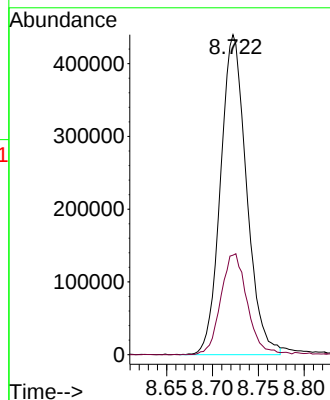
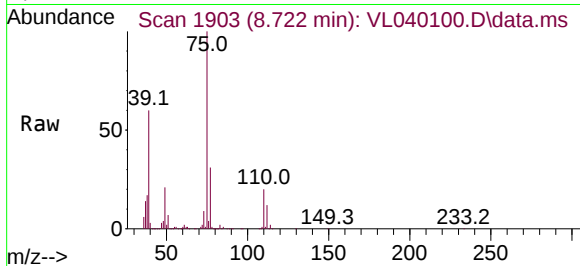




#45
t-1,3-Dichloropropene
Concen: 11.899 ppbv
RT: 8.722 min Scan# 1903
Delta R.T. 0.010 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

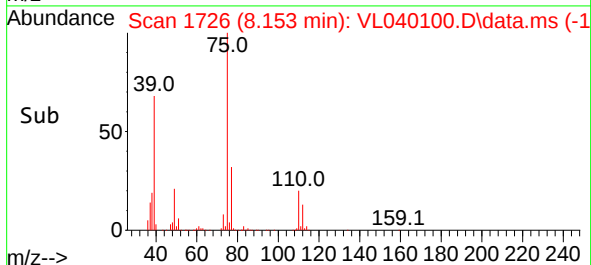
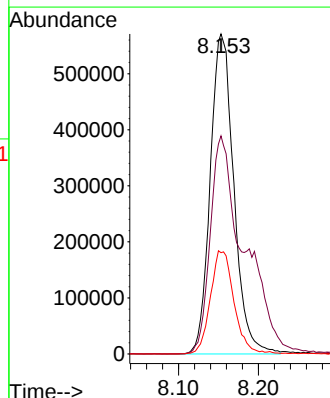
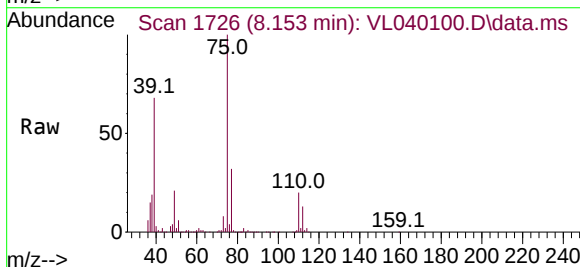
Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01

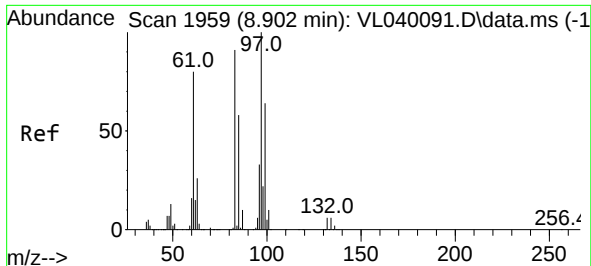
Tgt Ion: 75 Resp: 867060
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4



#46
cis-1,3-Dichloropropene
Concen: 11.746 ppbv
RT: 8.153 min Scan# 1726
Delta R.T. 0.010 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

Tgt Ion: 75 Resp: 1169603
Ion Ratio Lower Upper
75 100
39 68.1 53.6 80.4
77 31.7 26.9 40.3

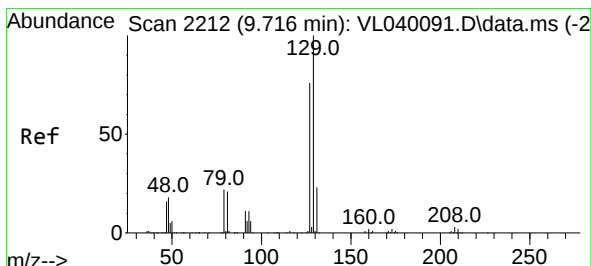
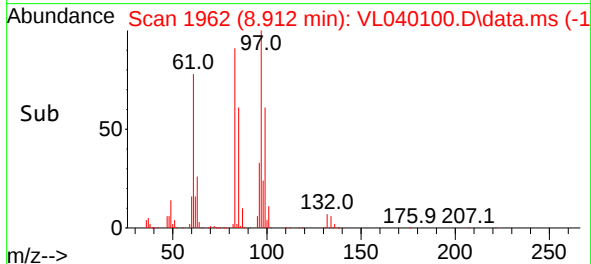
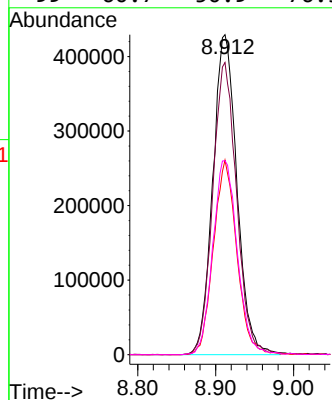
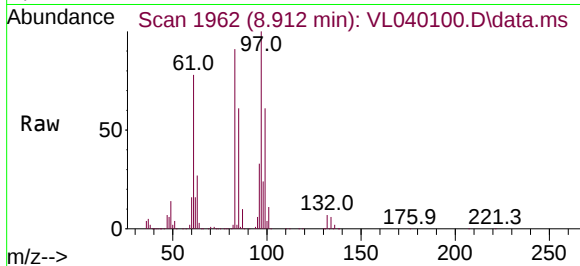




#47
1,1,2-Trichloroethane
Concen: 10.082 ppbv
RT: 8.912 min Scan# 1959
Delta R.T. 0.010 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

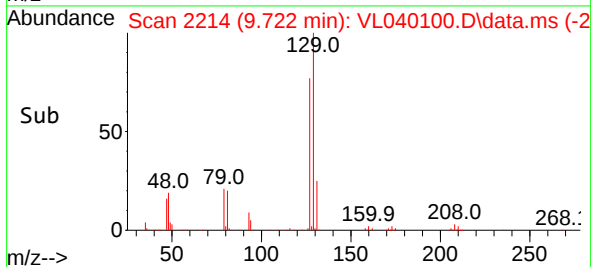
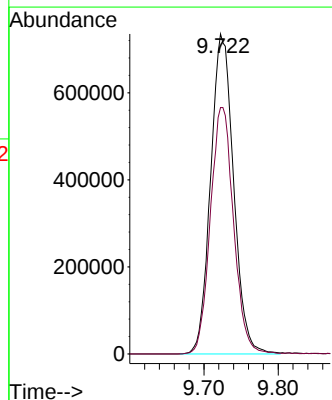
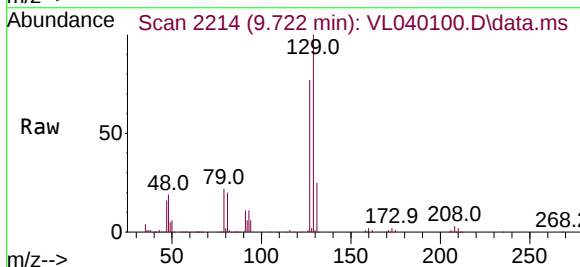
Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01

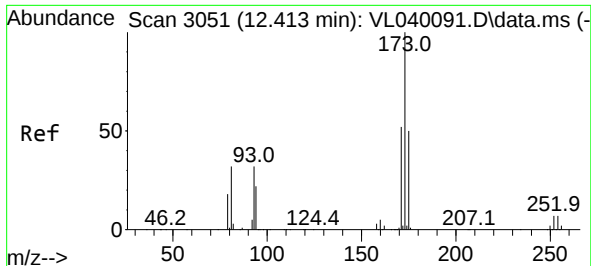
Tgt Ion: 97	Resp: 924559
Ion Ratio	Lower Upper
97 100	
83 91.2	72.9 109.3
85 60.8	46.0 69.0
99 60.7	50.9 76.3



#48
Dibromochloromethane
Concen: 10.712 ppbv
RT: 9.722 min Scan# 2214
Delta R.T. 0.007 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

Tgt Ion:129	Resp: 1578816		
Ion	Ratio	Lower	Upper
129	100		
127	77.9	39.3	117.9

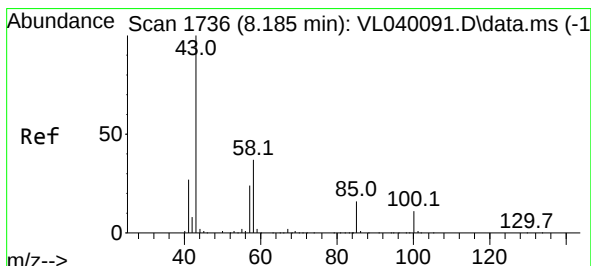
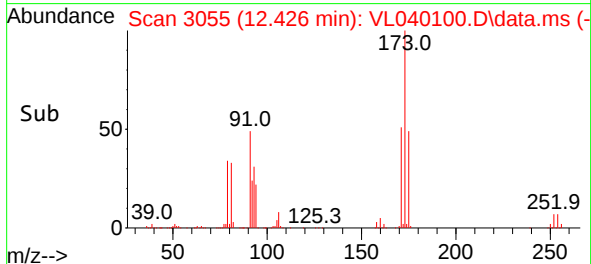
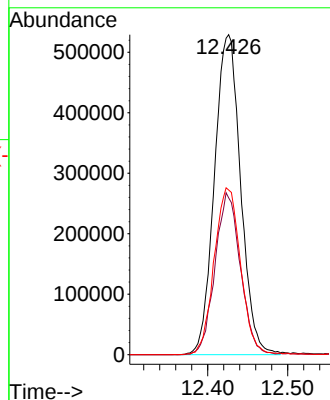
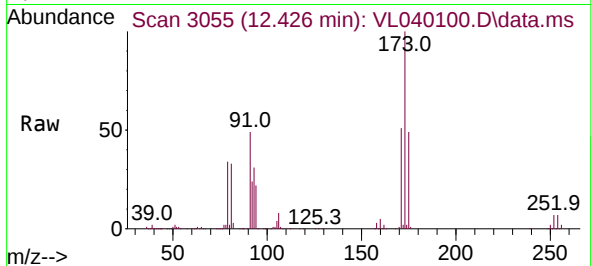




#49
Bromoform
Concen: 10.603 ppbv
RT: 12.426 min Scan# 3055
Delta R.T. 0.013 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

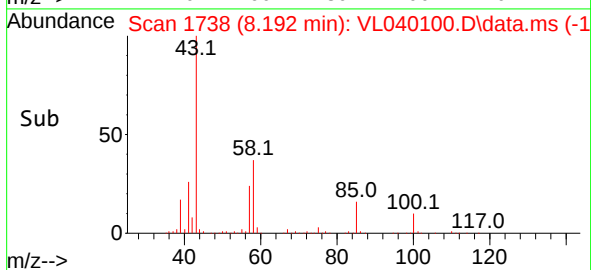
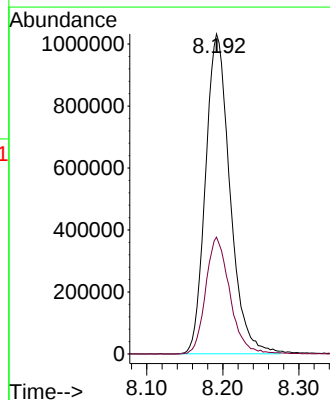
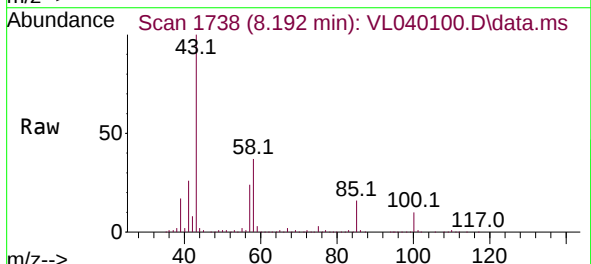
Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01

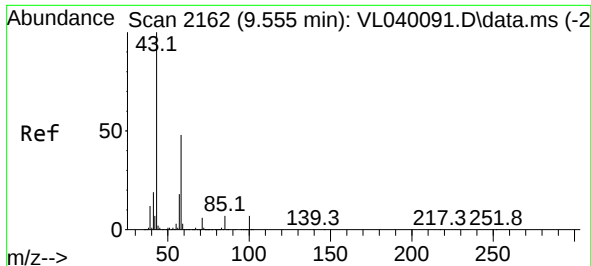
Tgt Ion:173 Resp: 1203837
Ion Ratio Lower Upper
173 100
175 49.2 39.7 59.5
171 52.8 42.2 63.2



#50
4-Methyl-2-Pentanone
Concen: 10.305 ppbv
RT: 8.192 min Scan# 1738
Delta R.T. 0.007 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

Tgt Ion: 43 Resp: 2307113
Ion Ratio Lower Upper
43 100
58 36.2 28.8 43.2

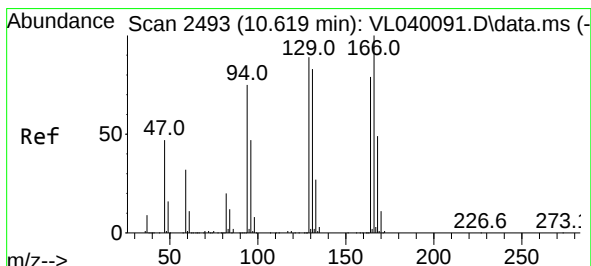
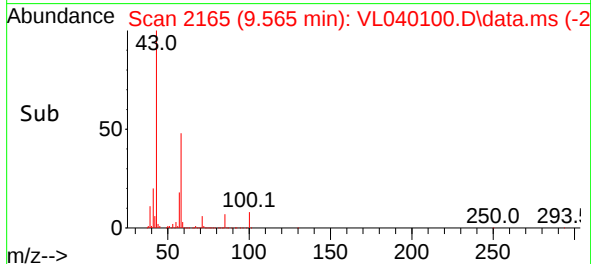
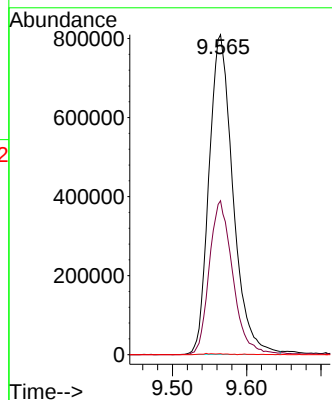
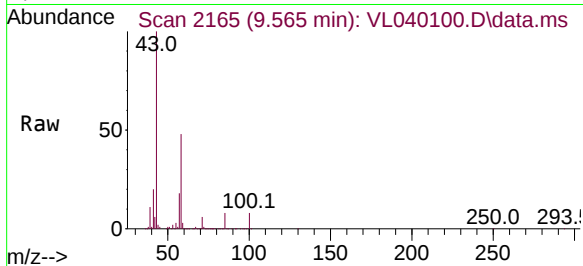




#51
2-Hexanone
Concen: 10.700 ppbv
RT: 9.565 min Scan# 2165
Delta R.T. 0.010 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

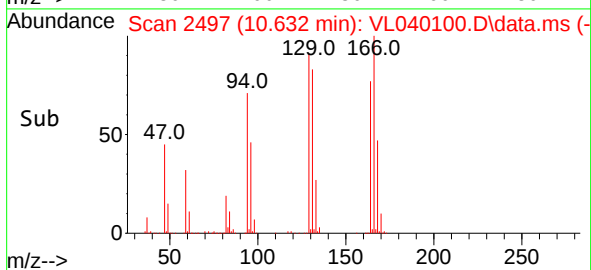
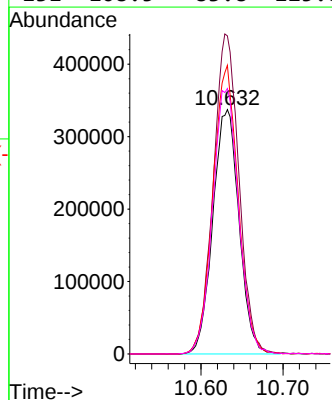
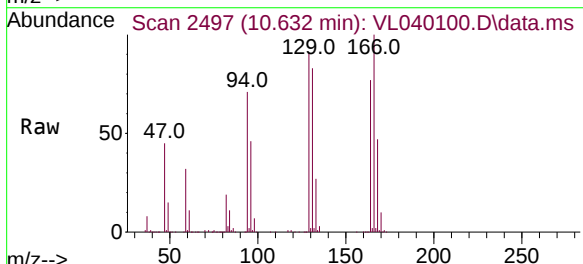
Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01

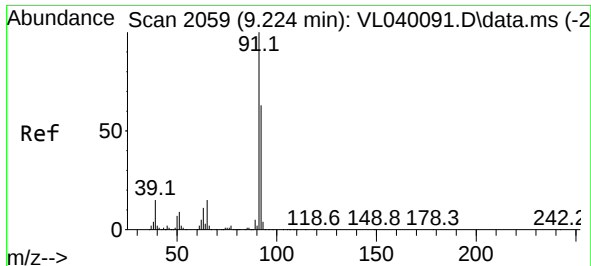
Tgt Ion: 43 Resp: 1814913
Ion Ratio Lower Upper
43 100
58 47.8 37.5 56.3
98 0.3 0.4 0.6#



#52
Tetrachloroethene
Concen: 10.259 ppbv
RT: 10.632 min Scan# 2497
Delta R.T. 0.013 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

Tgt Ion: 164 Resp: 747331
Ion Ratio Lower Upper
164 100
166 130.2 101.2 151.8
129 118.0 90.2 135.2
131 108.5 83.8 125.8





#53

Toluene

Concen: 10.588 ppbv

RT: 9.233 min Scan# 2059

Delta R.T. 0.010 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

Instrument :

MSVOA_L

ClientSampleId :

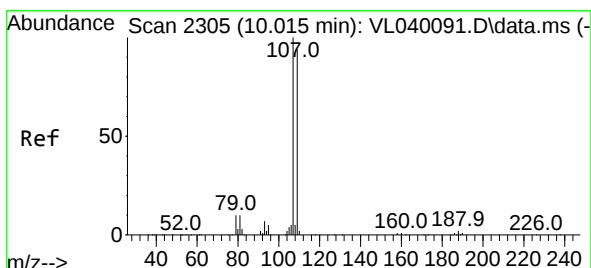
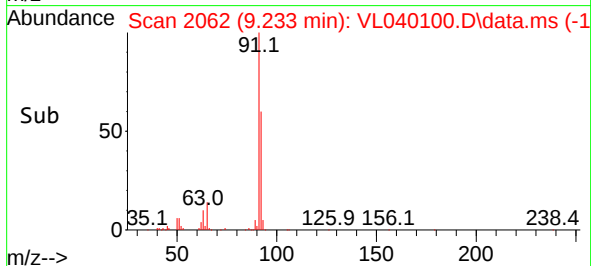
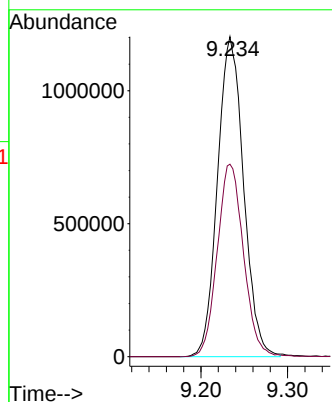
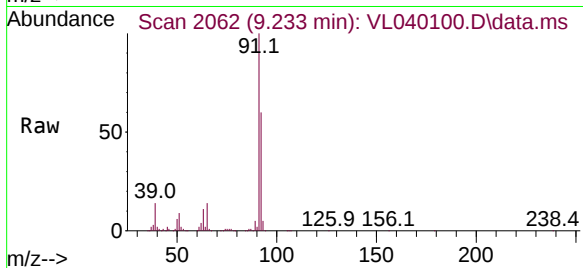
VL0116ABS01

Tgt Ion: 91 Resp: 2514723

Ion Ratio Lower Upper

91 100

92 60.8 48.3 72.5



#54

1,2-Dibromoethane

Concen: 10.853 ppbv

RT: 10.021 min Scan# 2307

Delta R.T. 0.007 min

Lab File: VL040100.D

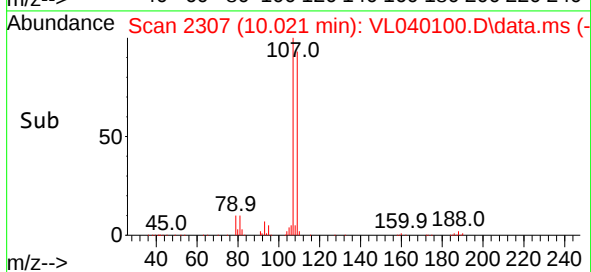
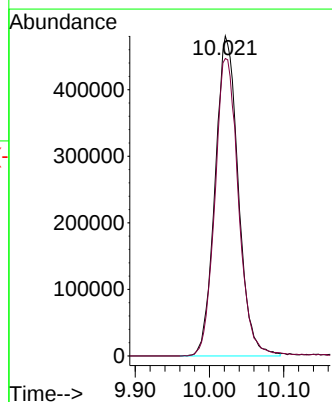
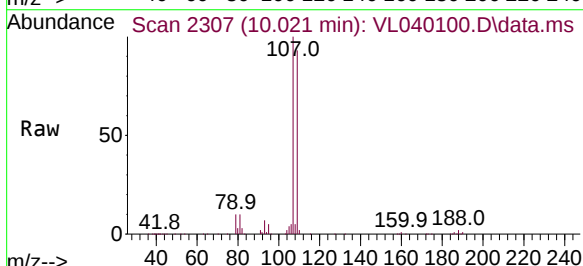
Acq: 16 Jan 2023 16:28

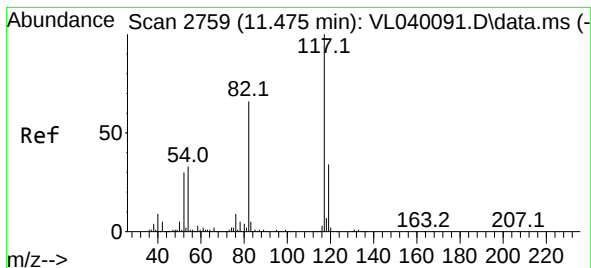
Tgt Ion: 107 Resp: 1041989

Ion Ratio Lower Upper

107 100

109 92.9 75.0 112.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.484 min Scan# 2759

Delta R.T. 0.010 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

Instrument :

MSVOA_1

ClientSampleId :

VL0116ABS01

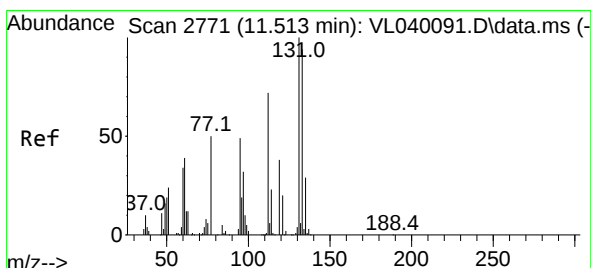
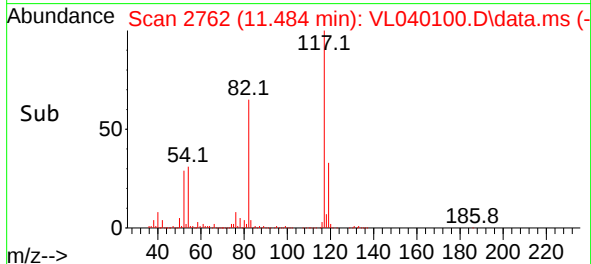
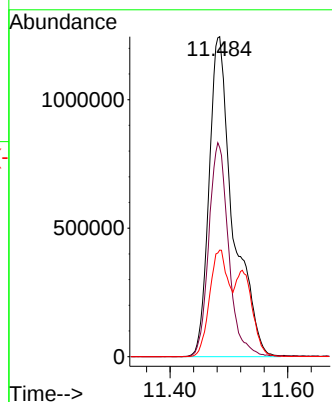
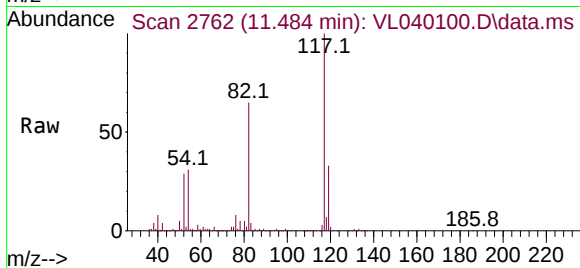
Tgt Ion:117 Resp: 3532250

Ion Ratio Lower Upper

117 100

82 55.4 54.4 81.6

119 28.5 26.8 40.2



#56

1,1,1,2-Tetrachloroethane

Concen: 8.207 ppbv

RT: 11.526 min Scan# 2775

Delta R.T. 0.013 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

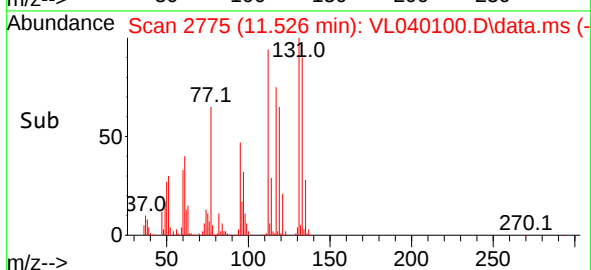
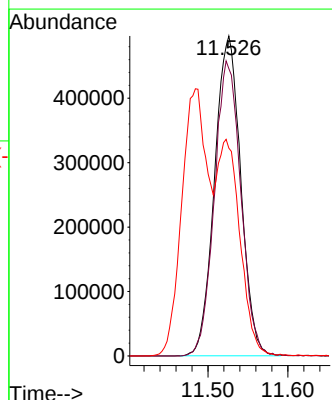
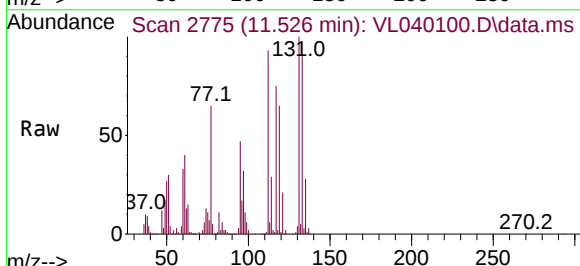
Tgt Ion:131 Resp: 1128225

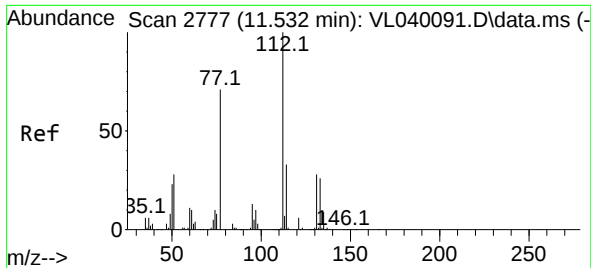
Ion Ratio Lower Upper

131 100

133 93.2 75.6 113.4

119 64.4 47.2 70.8

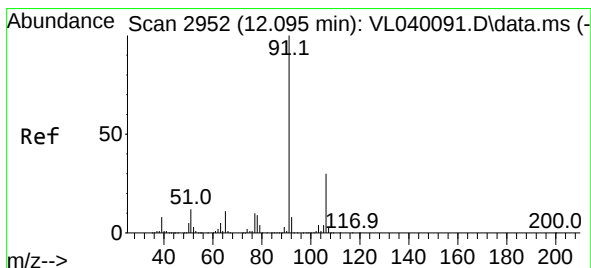
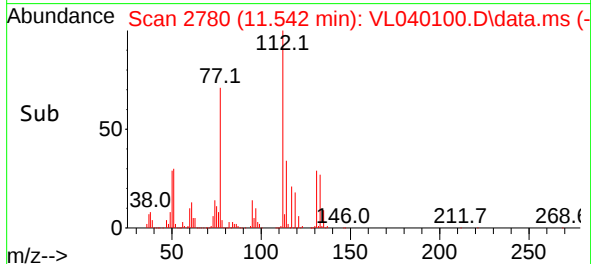
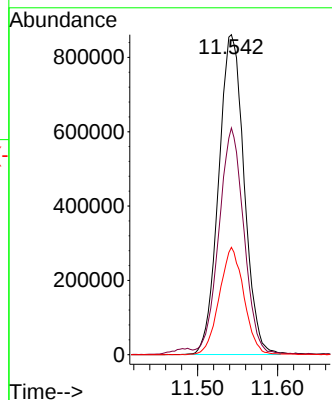
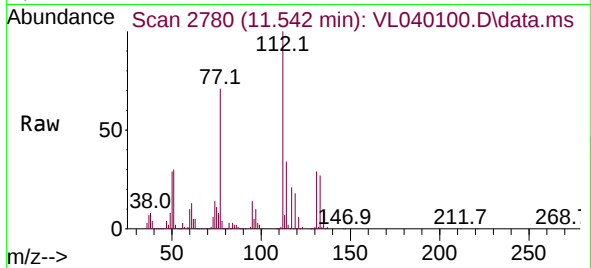




#57
Chlorobenzene
Concen: 7.907 ppbv
RT: 11.542 min Scan# 211
Delta R.T. 0.010 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

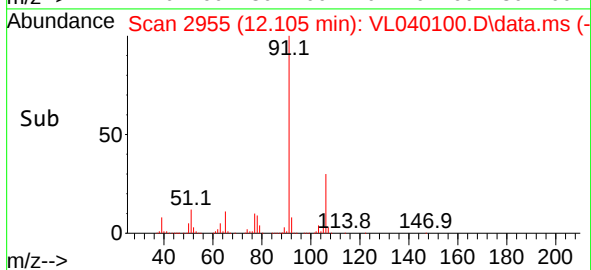
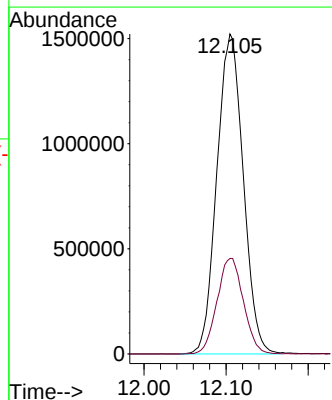
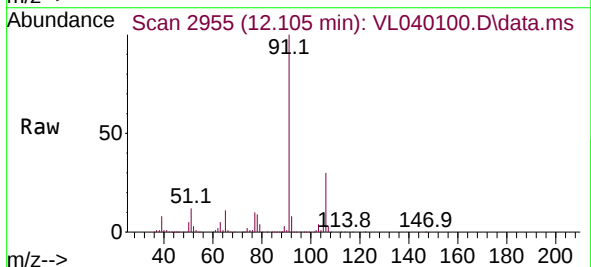
Instrument :
MSVOA_1
ClientSampleId :
VL0116ABS01

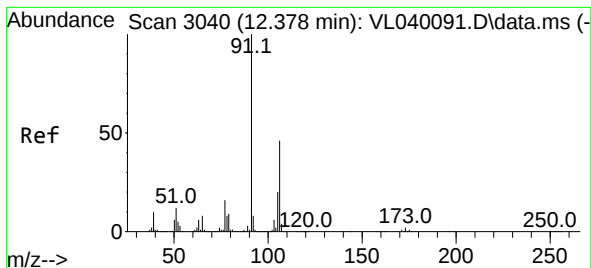
Tgt Ion:112 Resp: 1903892
Ion Ratio Lower Upper
112 100
77 70.4 57.3 85.9
114 33.6 29.6 36.2



#58
Ethyl Benzene
Concen: 8.640 ppbv
RT: 12.105 min Scan# 2955
Delta R.T. 0.010 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

Tgt Ion: 91 Resp: 3405794
Ion Ratio Lower Upper
91 100
106 29.9 23.7 35.5

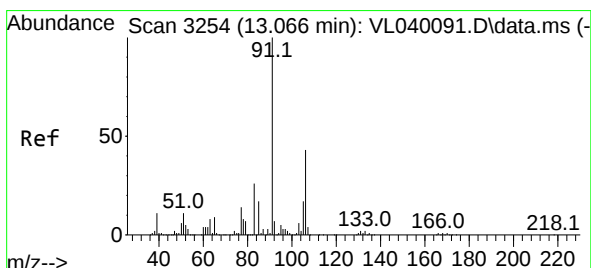
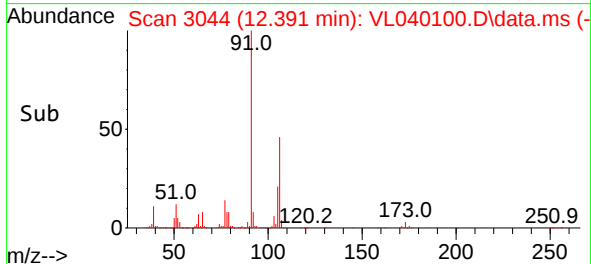
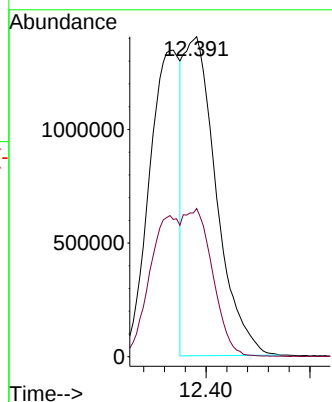
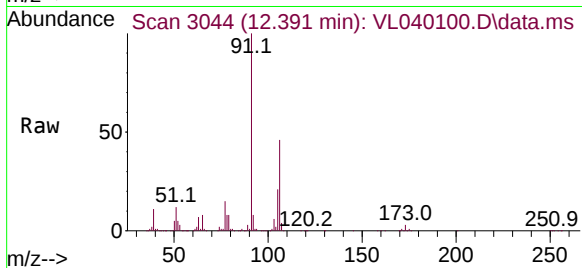




#59
m/p-Xylene
Concen: 8.700 ppbv
RT: 12.391 min Scan# 3044
Delta R.T. 0.013 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

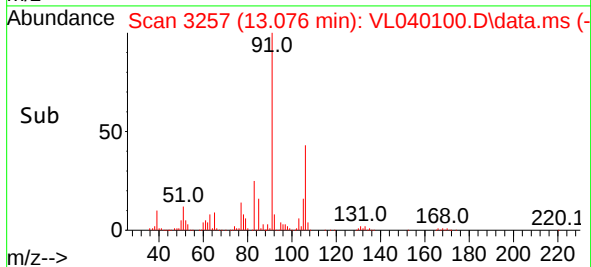
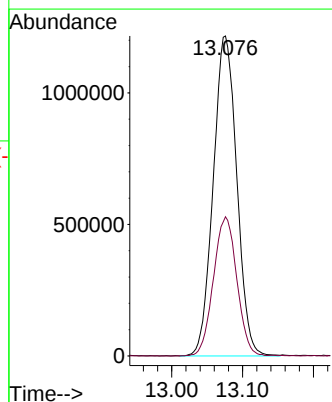
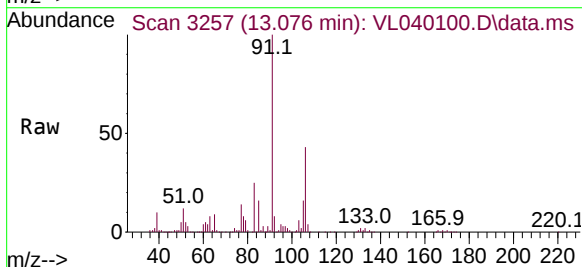
Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01

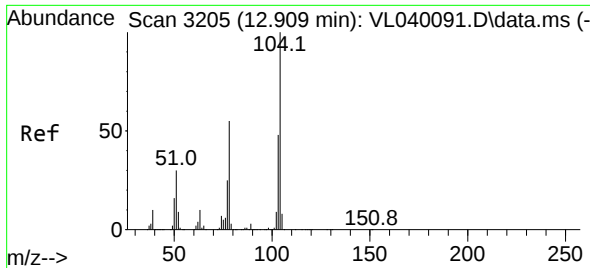
Tgt Ion: 91 Resp: 3083344
Ion Ratio Lower Upper
91 100
106 81.8 34.2 51.4#



#60
o-Xylene
Concen: 8.341 ppbv
RT: 13.076 min Scan# 3257
Delta R.T. 0.010 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

Tgt Ion: 91 Resp: 2805908
Ion Ratio Lower Upper
91 100
106 43.4 21.6 64.8

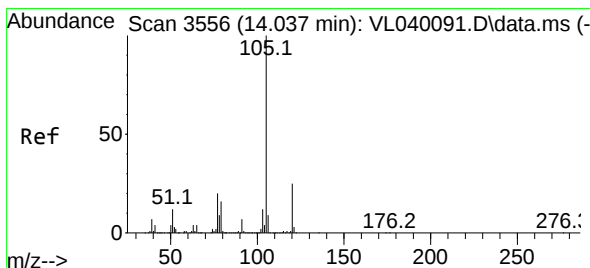
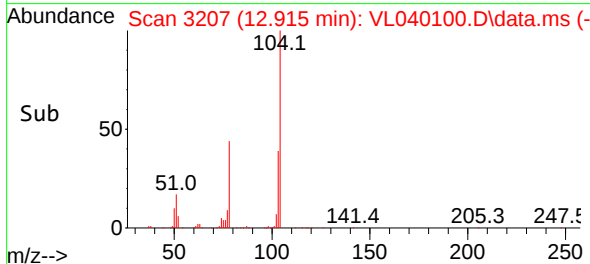
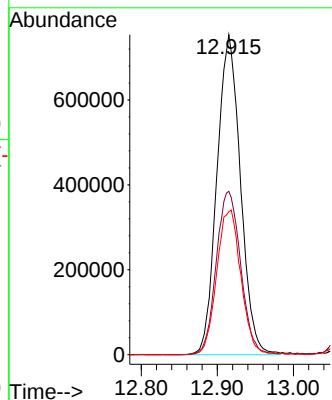
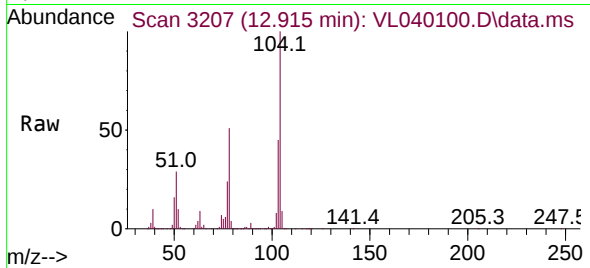




#61
Styrene
Concen: 9.233 ppbv
RT: 12.915 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

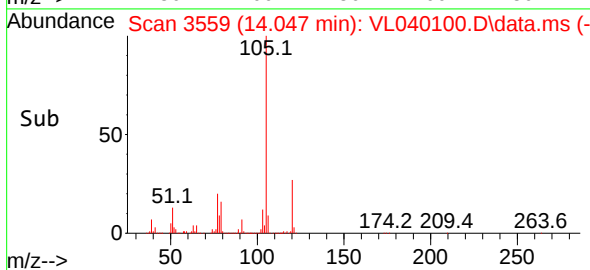
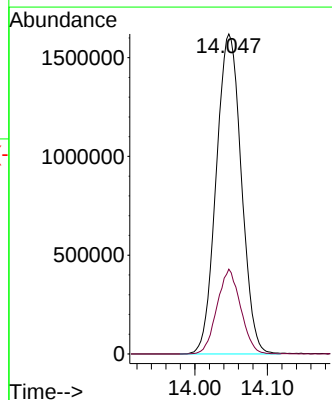
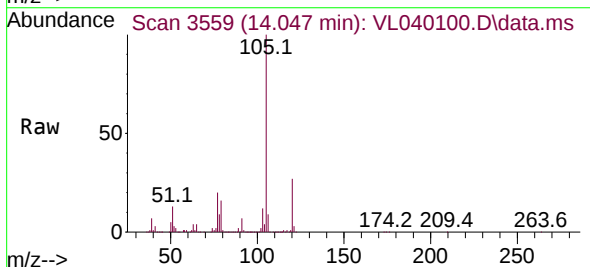
Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01

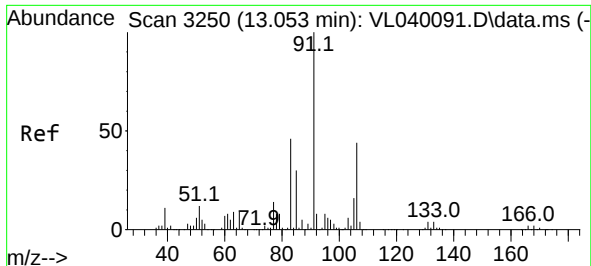
Tgt Ion:104 Resp: 1618617
Ion Ratio Lower Upper
104 100
78 53.2 44.0 66.0
103 46.8 37.8 56.6



#62
Isopropylbenzene
Concen: 8.045 ppbv
RT: 14.047 min Scan# 3559
Delta R.T. 0.010 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

Tgt Ion:105 Resp: 3892974
Ion Ratio Lower Upper
105 100
120 24.9 20.2 30.2





#63

1,1,2,2-Tetrachloroethane

Concen: 7.485 ppbv

RT: 13.063 min Scan# 31

Delta R.T. 0.010 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

Instrument :

MSVOA_L

ClientSampleId :

VL0116ABS01

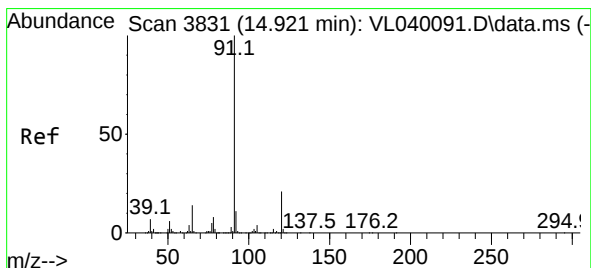
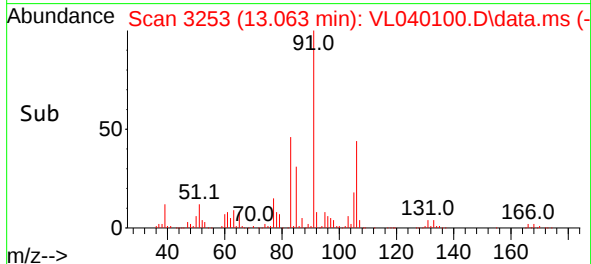
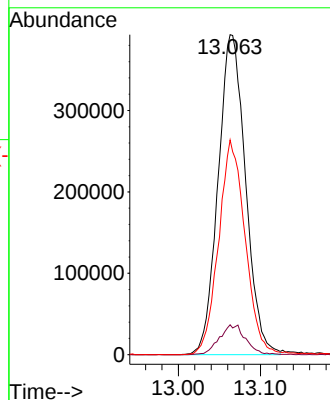
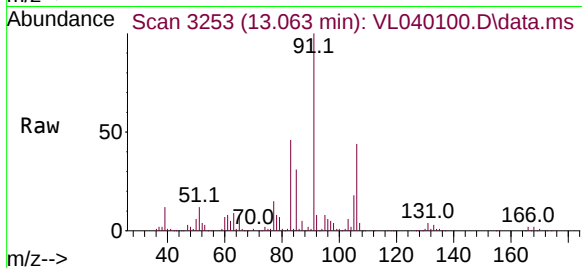
Tgt Ion: 83 Resp: 914315

Ion Ratio Lower Upper

83 100

131 9.0 4.3 13.1

85 65.6 32.5 97.5



#64

n-propylbenzene

Concen: 8.171 ppbv

RT: 14.934 min Scan# 3835

Delta R.T. 0.013 min

Lab File: VL040100.D

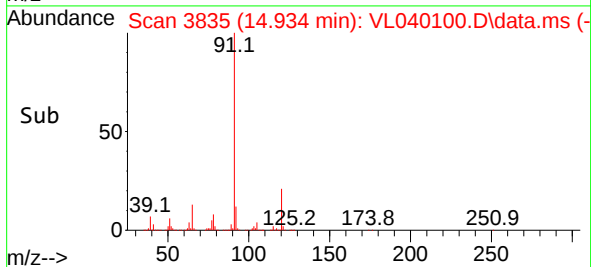
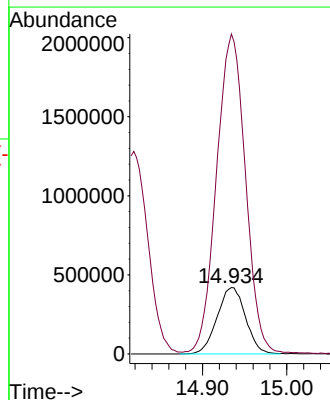
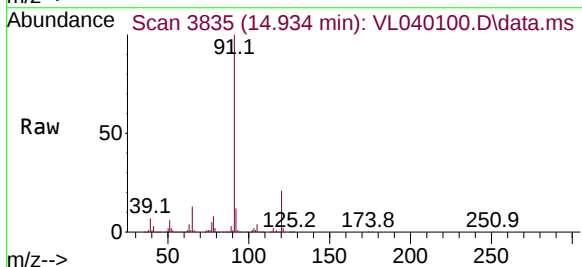
Acq: 16 Jan 2023 16:28

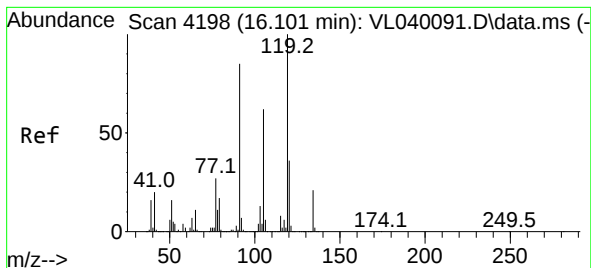
Tgt Ion:120 Resp: 982814

Ion Ratio Lower Upper

120 100

91 492.1 397.0 595.4

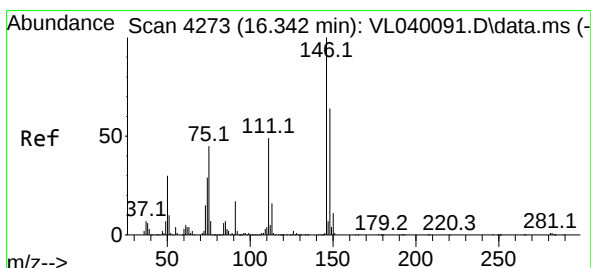
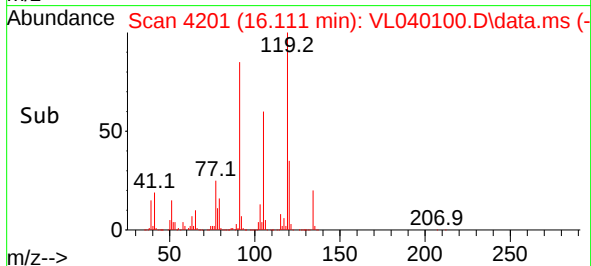
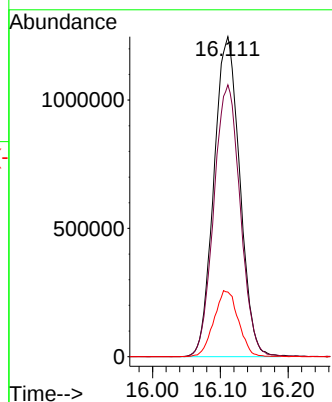
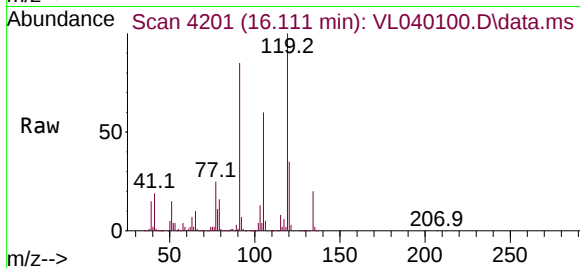




#65
tert-Butylbenzene
Concen: 7.983 ppbv
RT: 16.111 min Scan# 4198
Delta R.T. 0.010 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

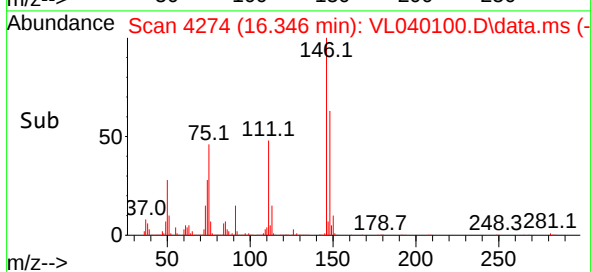
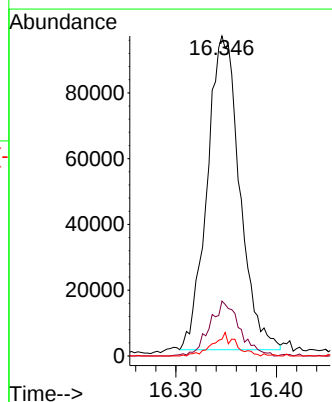
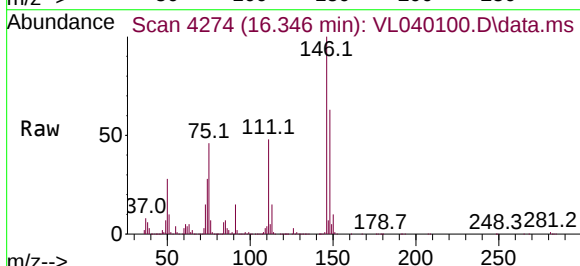
Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01

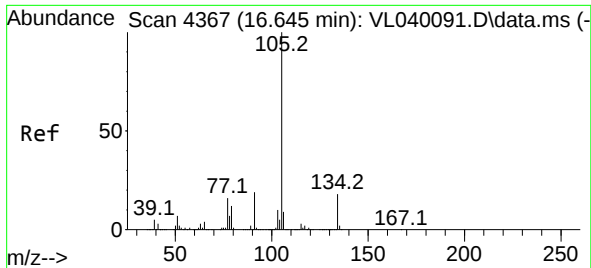
Tgt Ion:119 Resp: 3307250
Ion Ratio Lower Upper
119 100
91 86.6 69.5 104.3
134 19.6 15.8 23.8



#66
Benzyl Chloride
Concen: 7.580 ppbv
RT: 16.346 min Scan# 4274
Delta R.T. 0.003 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

Tgt Ion: 91 Resp: 214603
Ion Ratio Lower Upper
91 100
126 16.4 11.5 17.3
128 5.4 0.0 0.0#

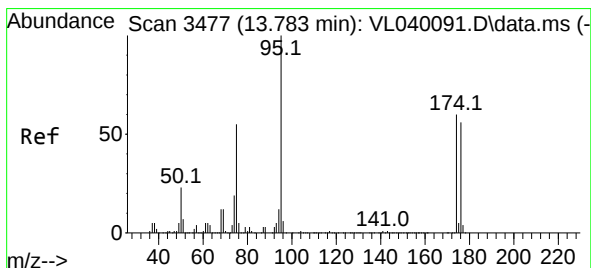
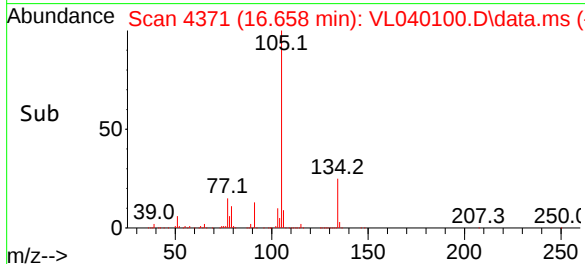
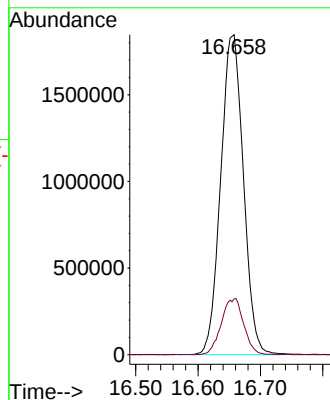
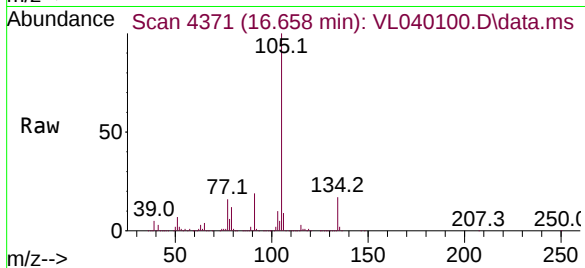




#67
 sec-Butylbenzene
 Concen: 7.941 ppbv
 RT: 16.658 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VL040100.D
 Acq: 16 Jan 2023 16:28

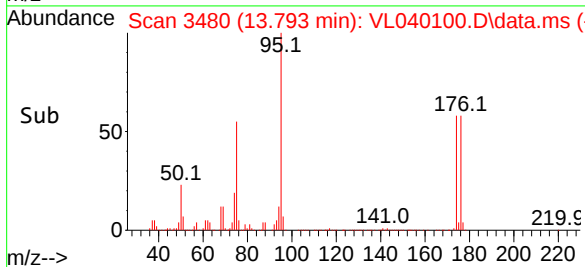
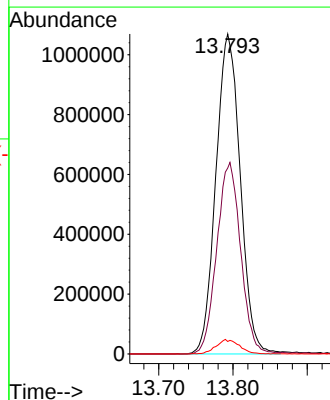
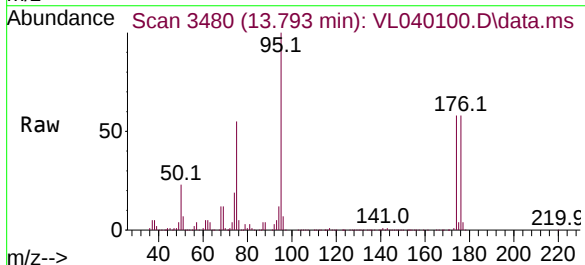
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0116ABS01

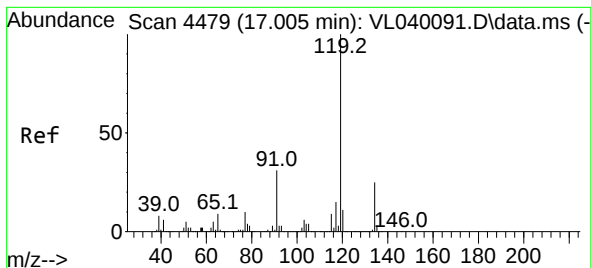
Tgt Ion:105 Resp: 4664116
 Ion Ratio Lower Upper
 105 100
 134 17.5 14.1 21.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.313 ppbv
 RT: 13.793 min Scan# 3480
 Delta R.T. 0.010 min
 Lab File: VL040100.D
 Acq: 16 Jan 2023 16:28

Tgt Ion: 95 Resp: 2440429
 Ion Ratio Lower Upper
 95 100
 174 58.9 47.7 71.5
 175 4.4 3.4 5.2





#69

p-Isopropyltoluene

Concen: 8.063 ppbv

RT: 17.011 min Scan# 4479

Delta R.T. 0.006 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

Instrument :

MSVOA_1

ClientSampleId :

VL0116ABS01

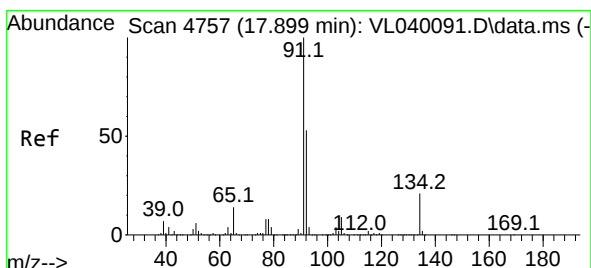
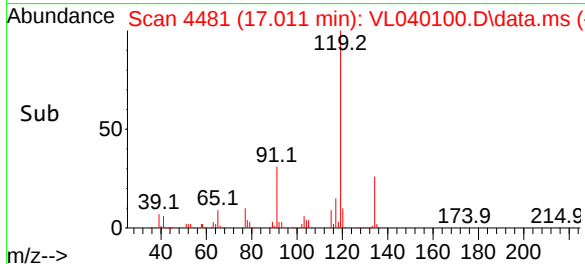
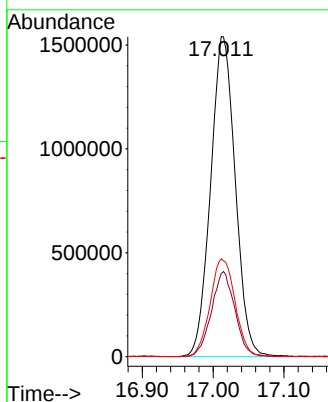
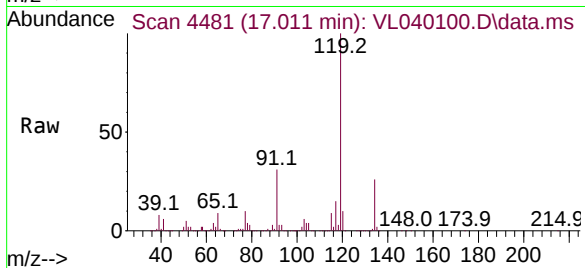
Tgt Ion:119 Resp: 3721265

Ion Ratio Lower Upper

119 100

134 25.3 20.1 30.1

91 31.1 25.0 37.4



#70

n-Butylbenzene

Concen: 8.045 ppbv

RT: 17.905 min Scan# 4759

Delta R.T. 0.006 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

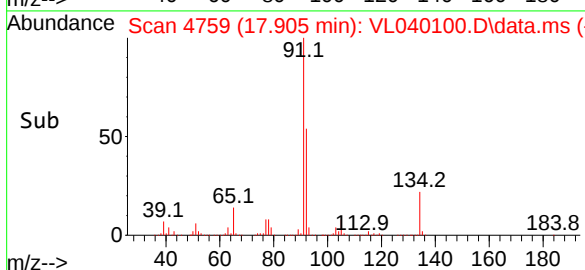
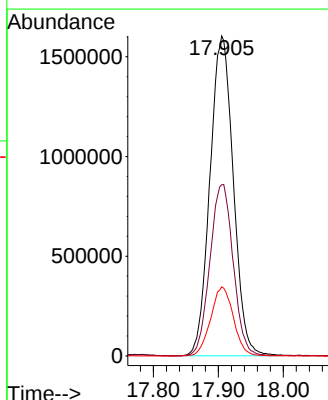
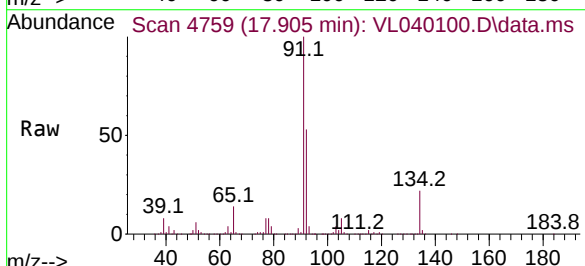
Tgt Ion: 91 Resp: 4003918

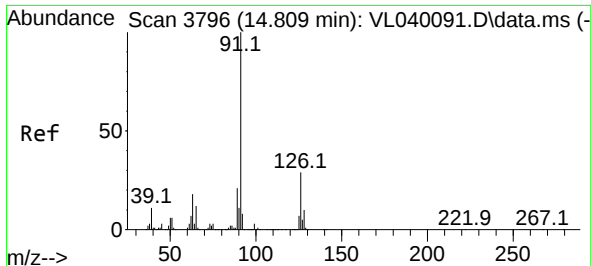
Ion Ratio Lower Upper

91 100

92 53.5 42.8 64.2

134 21.1 16.9 25.3

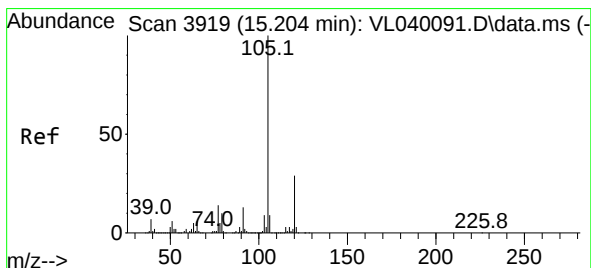
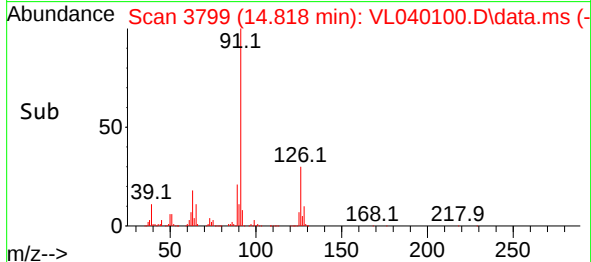
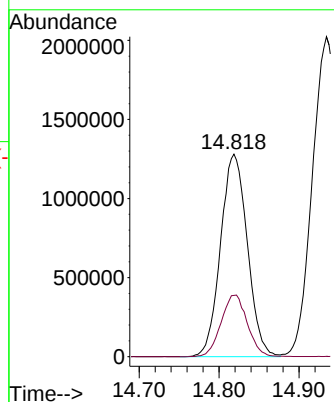
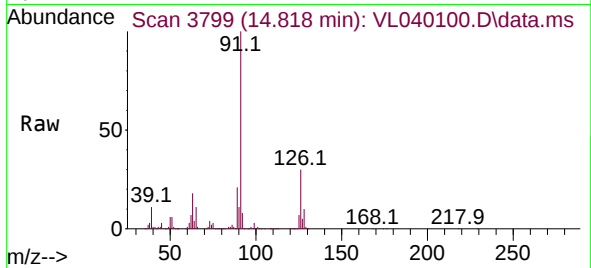




#71
2-Chlorotoluene
Concen: 8.006 ppbv
RT: 14.818 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

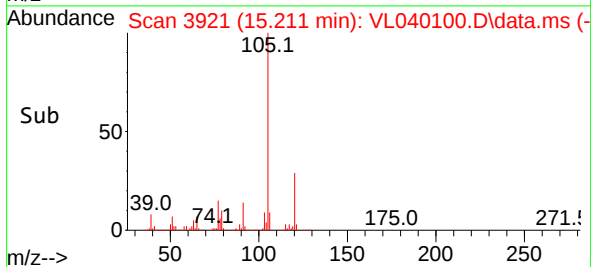
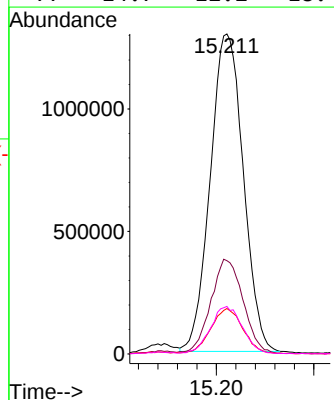
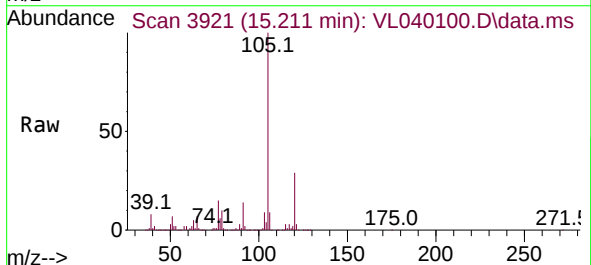
Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01

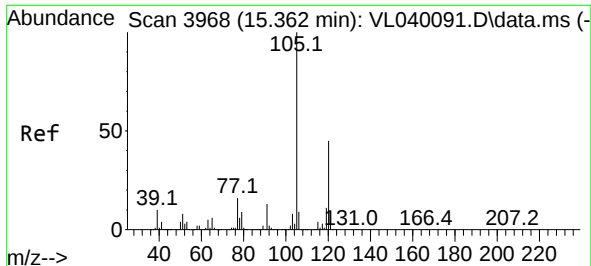
Tgt Ion: 91 Resp: 2979563
Ion Ratio Lower Upper
91 100
126 29.9 11.9 47.5



#72
4-Ethyltoluene
Concen: 8.177 ppbv
RT: 15.211 min Scan# 3921
Delta R.T. 0.007 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

Tgt Ion: 105 Resp: 3052504
Ion Ratio Lower Upper
105 100
120 29.4 23.1 34.7
91 13.9 11.2 16.8
77 14.7 12.2 18.4

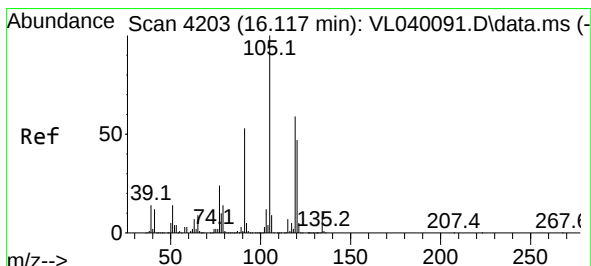
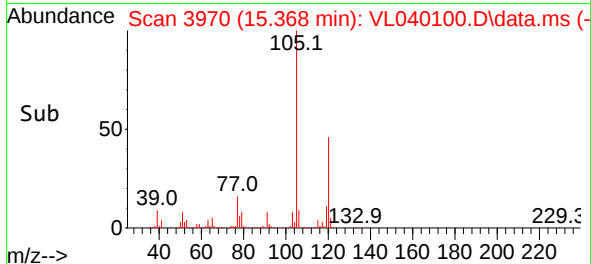
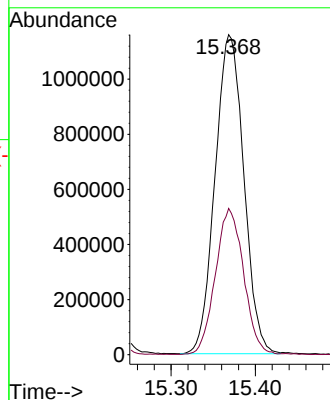
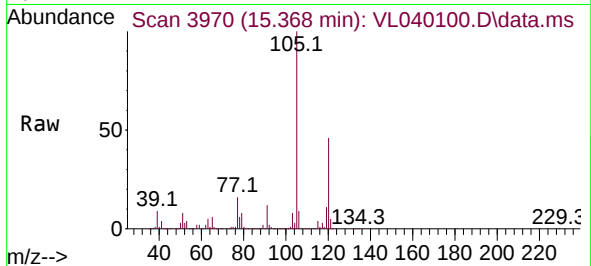




#73
1,3,5-Trimethylbenzene
Concen: 8.165 ppbv
RT: 15.368 min Scan# 3968
Delta R.T. 0.006 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

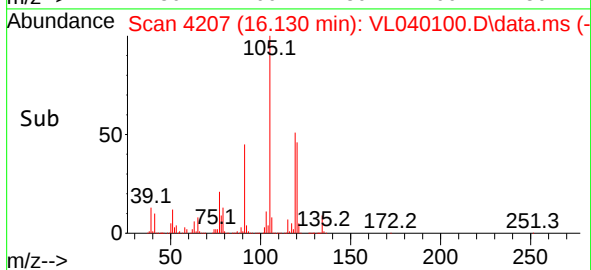
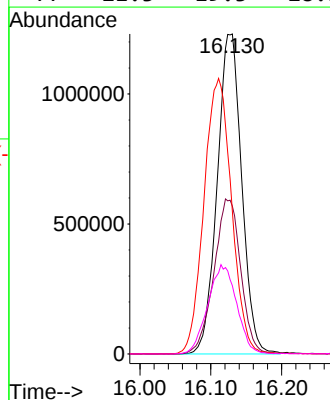
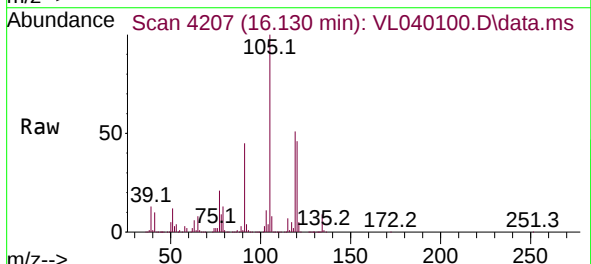
Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01

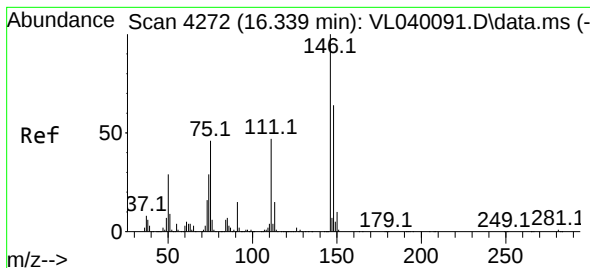
Tgt Ion:105 Resp: 2744540
Ion Ratio Lower Upper
105 100
120 45.7 36.2 54.4



#74
1,2,4-Trimethylbenzene
Concen: 7.953 ppbv
RT: 16.130 min Scan# 4207
Delta R.T. 0.013 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

Tgt Ion:105 Resp: 2961238
Ion Ratio Lower Upper
105 100
120 46.1 38.0 57.0
91 44.4 42.1 63.1
77 21.3 19.3 28.9





#75

1,3-Dichlorobenzene

Concen: 7.725 ppbv

RT: 16.349 min Scan# 4317

Delta R.T. 0.010 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

Instrument :

MSVOA_L

ClientSampleId :

VL0116ABS01

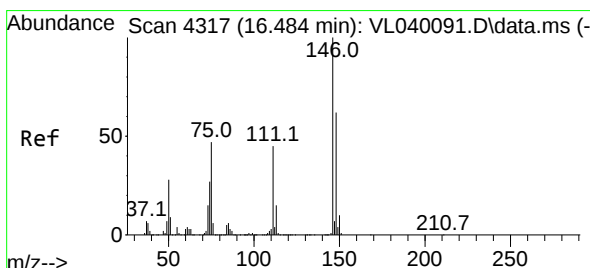
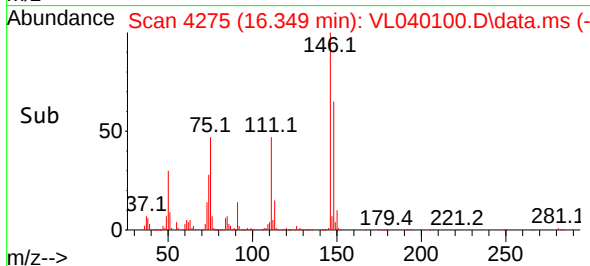
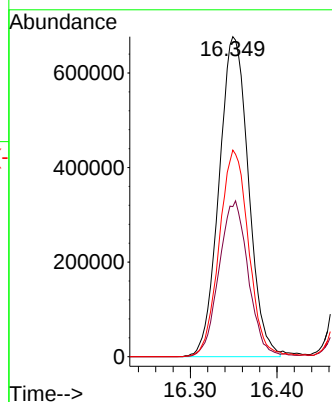
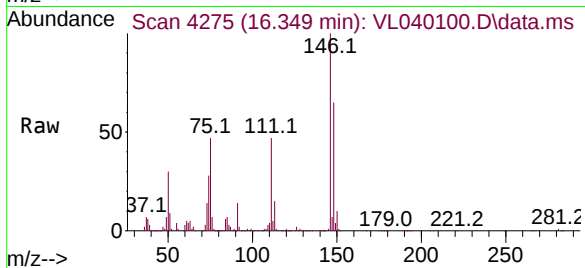
Tgt Ion:146 Resp: 1597523

Ion Ratio Lower Upper

146 100

111 48.5 24.3 73.0

148 64.5 32.3 96.8



#76

1,4-Dichlorobenzene

Concen: 7.698 ppbv

RT: 16.494 min Scan# 4320

Delta R.T. 0.010 min

Lab File: VL040100.D

Acq: 16 Jan 2023 16:28

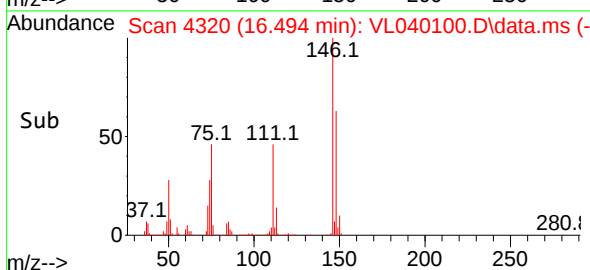
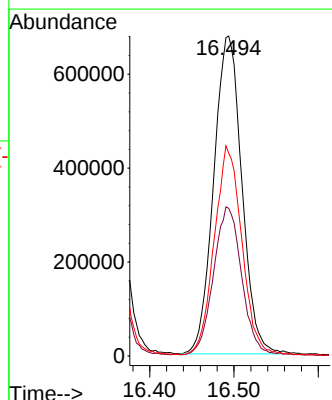
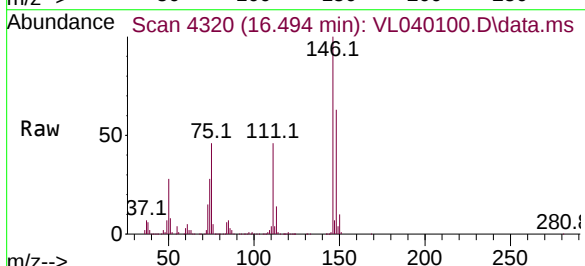
Tgt Ion:146 Resp: 1565183

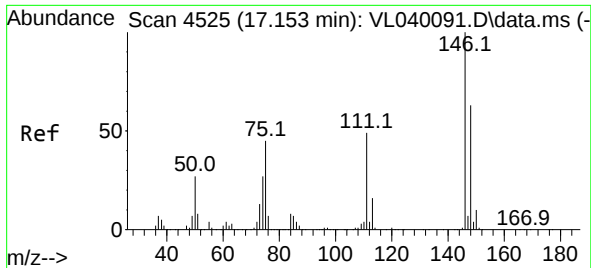
Ion Ratio Lower Upper

146 100

111 47.8 23.8 71.2

148 65.8 32.8 98.4

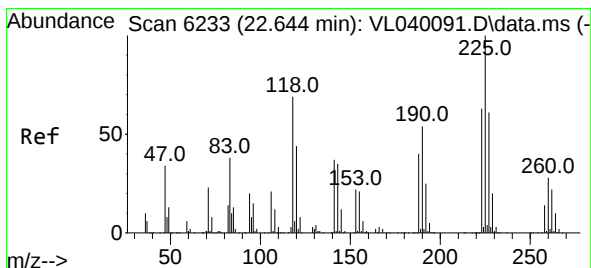
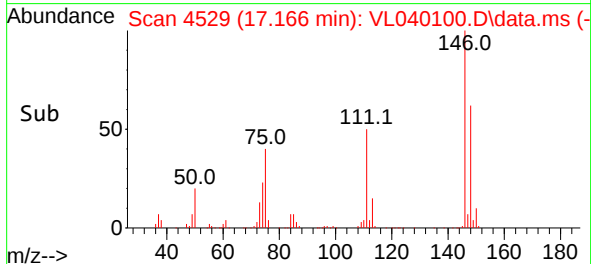
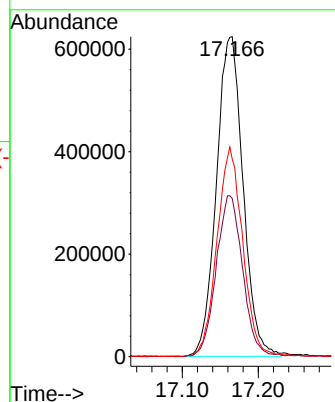
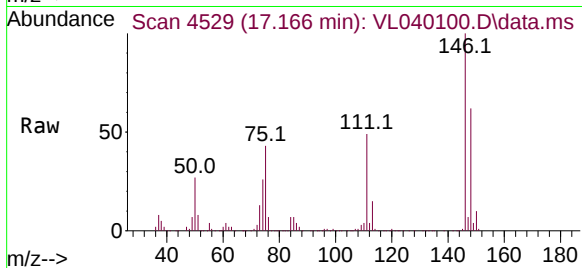




#77
1,2-Dichlorobenzene
Concen: 7.676 ppbv
RT: 17.166 min Scan# 4529
Delta R.T. 0.013 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

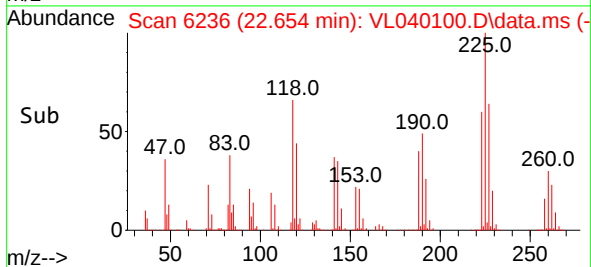
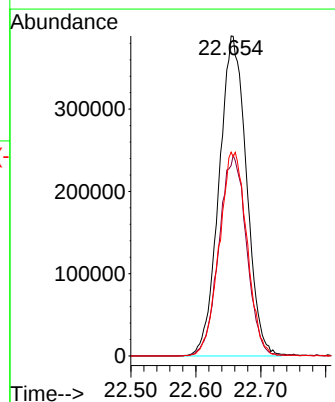
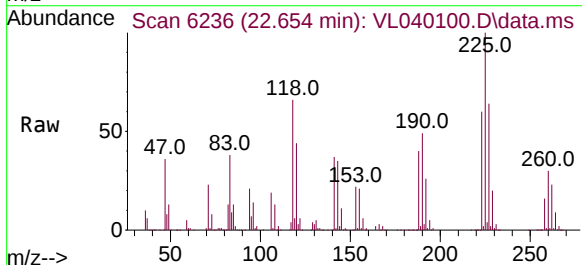
Instrument :
MSVOA_L
ClientSampleId :
VL0116ABS01

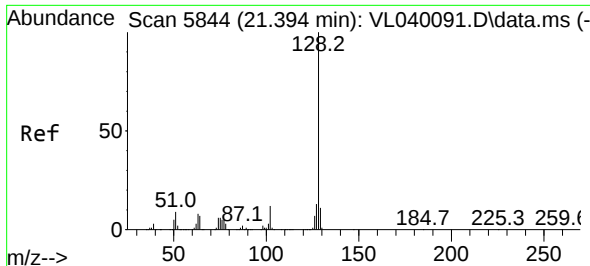
Tgt Ion:146 Resp: 1517941
Ion Ratio Lower Upper
146 100
111 50.4 25.1 75.2
148 63.8 32.4 97.0



#78
Hexachloro-1,3-Butadiene
Concen: 7.855 ppbv
RT: 22.654 min Scan# 6236
Delta R.T. 0.010 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

Tgt Ion:225 Resp: 1137816
Ion Ratio Lower Upper
225 100
223 63.4 51.5 77.3
227 64.6 50.6 76.0

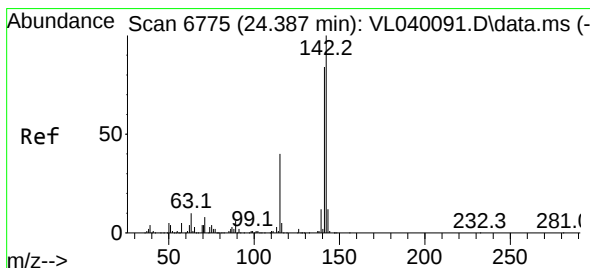
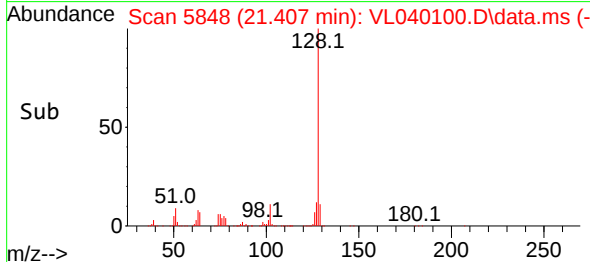
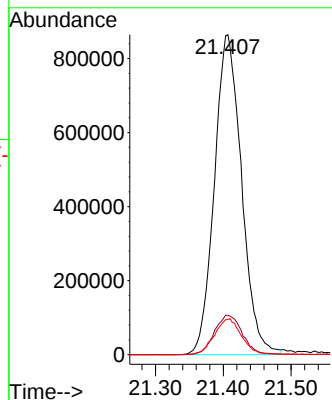
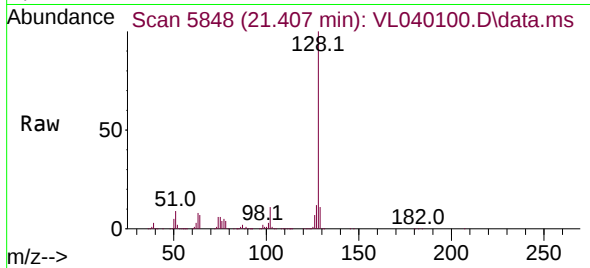




#79
Naphthalene
Concen: 11.270 ppbv
RT: 21.407 min Scan# 5848
Delta R.T. 0.013 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

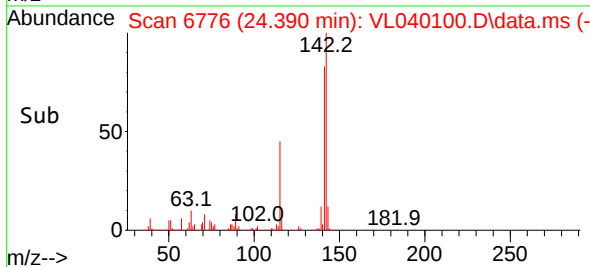
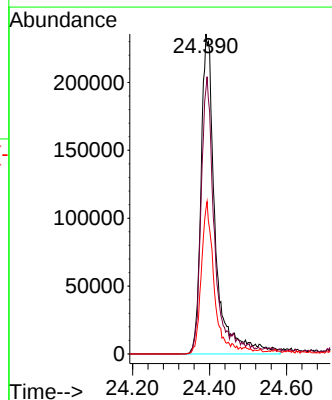
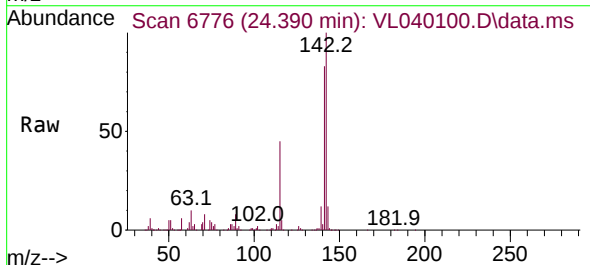
Instrument :
MSVOA_1
ClientSampleId :
VL0116ABS01

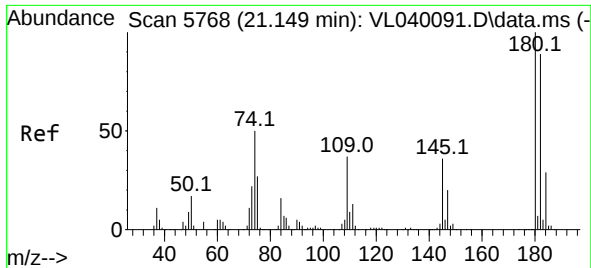
Tgt Ion:128 Resp: 2403894
Ion Ratio Lower Upper
128 100
127 12.2 10.3 15.5
129 11.0 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 8.432 ppbv
RT: 24.390 min Scan# 6776
Delta R.T. 0.003 min
Lab File: VL040100.D
Acq: 16 Jan 2023 16:28

Tgt Ion:142 Resp: 605987
Ion Ratio Lower Upper
142 100
141 81.5 65.0 97.6
115 44.7 31.8 47.8





#81

1,2,4-Trichlorobenzene

Concen: 9.199 ppbv

RT: 21.166 min Scan# 51

Delta R.T. 0.016 min

Lab File: VL040100.D

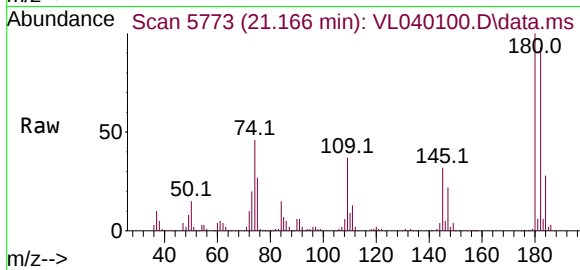
Acq: 16 Jan 2023 16:28

Instrument :

MSVOA_L

ClientSampleId :

VL0116ABS01



Tgt Ion:180 Resp: 1209342

Ion Ratio Lower Upper

180 100

182 96.7 78.6 117.8

184 30.8 25.1 37.7

