

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051623\
 Data File : VL040436.D
 Acq On : 16 May 2023 12:53
 Operator : SY/MD
 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

Quant Time: May 17 07:29:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed May 17 05:12:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	998706	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2507087	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.484	117	2177022	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.796	95	1713286	9.787	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.729	85	10825	0.055	ppbv	97
3) Chlorodifluoromethane	2.671	51	6652	0.052	ppbv	94
4) Chloromethane	2.813	50	3548	0.044	ppbv #	65
5) Vinyl Chloride	2.922	62	3301	0.046	ppbv #	62
6) Bromomethane	3.124	94	1325	0.061	ppbv #	58
7) Chloroethane	3.195	64	1386	0.055	ppbv	97
8) Dichlorotetrafluoroethane	2.858	85	8524	0.048	ppbv	100
9) Propene	2.697	41	2640	0.053	ppbv #	1
10) Heptane	7.594	43	2040	0.018	ppbv #	70
11) Trichlorofluoromethane	3.562	101	4243	0.024	ppbv	92
12) 1,1,2-Trichlorotrifluo...	4.073	101	5475	0.042	ppbv	96
13) Ethanol	3.247	45	198	0.052	ppbv #	42
14) Bromoethene	3.372	108	2110	0.041	ppbv #	88
15) Acetone	3.494	43	21735	0.172	ppbv #	85
16) 1,3-Butadiene	2.989	39	1765	0.030	ppbv #	48
17) tert-Butyl alcohol	3.902	59	983	0.008	ppbv #	72
18) 1,1-Dichloroethene	3.883	96	1469	0.026	ppbv #	76
19) Isopropyl Alcohol	3.555	45	120	0.002	ppbv #	92
20) Methylene Chloride	3.944	84	11298	0.201	ppbv #	73
21) Allyl Chloride	4.002	41	3303	0.041	ppbv #	50
22) trans-1,2-Dichloroethene	4.456	96	1260	0.022	ppbv #	48
23) Vinyl Acetate	4.632	43	1161	0.033	ppbv #	66
24) 1,1-Dichloroethane	4.562	63	2110	0.018	ppbv #	90
25) Ethyl Acetate	5.214	43	2276	0.010	ppbv #	73
26) Hexane	5.214	57	2029	0.021	ppbv #	1
27) Carbon Disulfide	4.131	76	2612	0.020	ppbv #	51
28) Methyl tert-Butyl Ether	4.600	73	1151	0.011	ppbv #	52
29) Chloroform	5.314	83	243	0.001	ppbv	96
30) Cyclohexane	6.607	84	488	0.006	ppbv #	1
31) cis-1,2-Dichloroethene	5.089	61	1254	0.013	ppbv #	24
32) 1,1,1-Trichloroethane	6.018	97	3199	0.017	ppbv #	11
34) 2-Butanone	4.784	43	288	0.002	ppbv #	53
35) Carbon Tetrachloride	6.500	117	5604	0.031	ppbv #	72
36) Benzene	6.385	78	5160	0.025	ppbv #	79
37) 1,2-Dichloroethane	5.816	62	3633	0.027	ppbv #	75
38) Trichloroethene	7.308	130	2061	0.016	ppbv #	44
39) 1,2-Dichloropropane	6.664	63	651798	8.172	ppbv #	23
40) 1,4-Dioxane	7.269	88	74	0.002	ppbv #	1
41) Tetrahydrofuran	5.600	42	836	0.011	ppbv #	35
42) Bromodichloromethane	7.259	83	1883	0.010	ppbv #	65
43) Methyl Methacrylate	7.484	69	399	0.005	ppbv #	1
44) 2,2,4-Trimethylpentane	7.336	57	1901	0.006	ppbv #	1
45) t-1,3-Dichloropropene	8.729	75	336	0.005	ppbv	89

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051623\
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 Sample : VSTDIC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

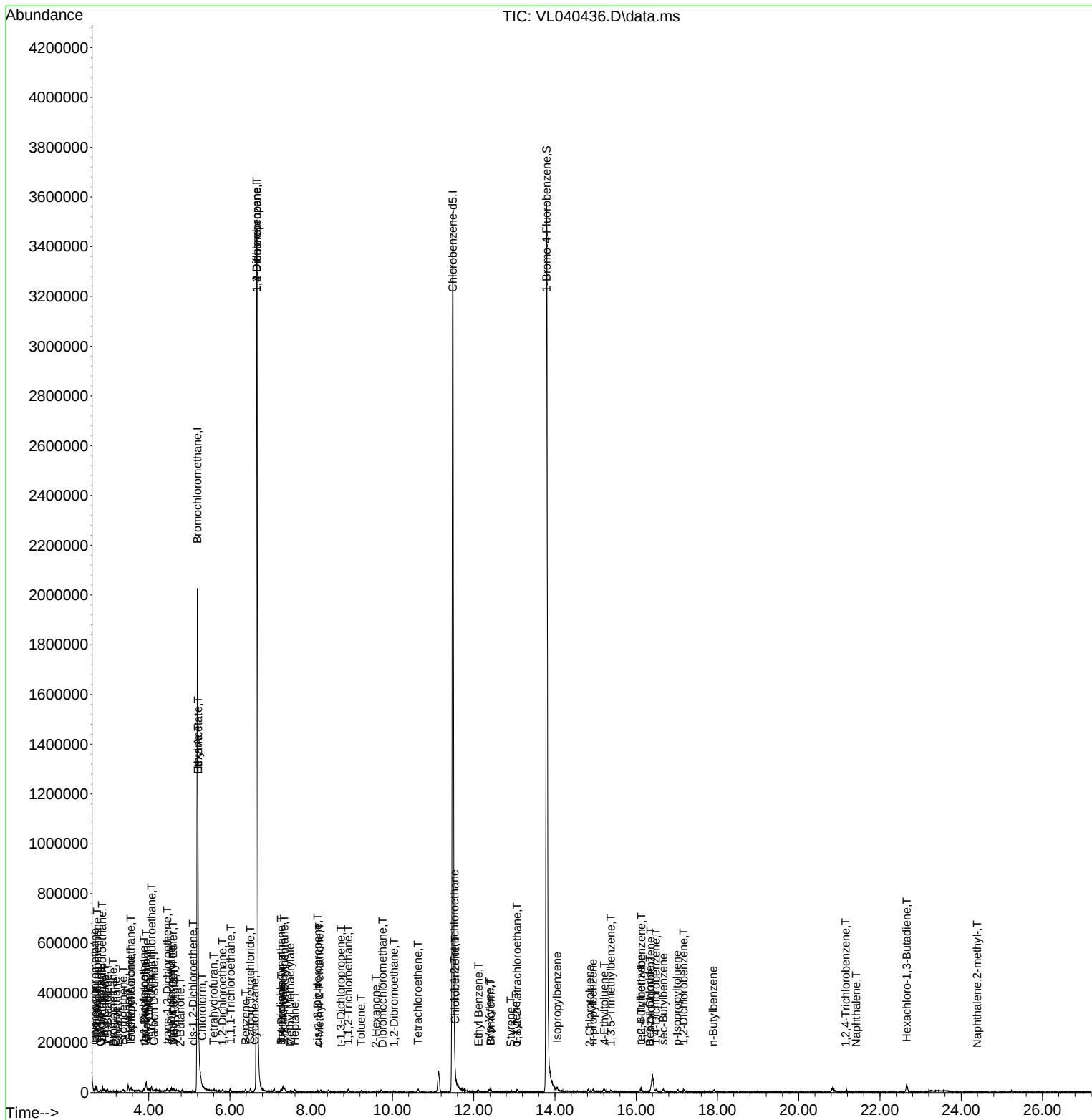
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

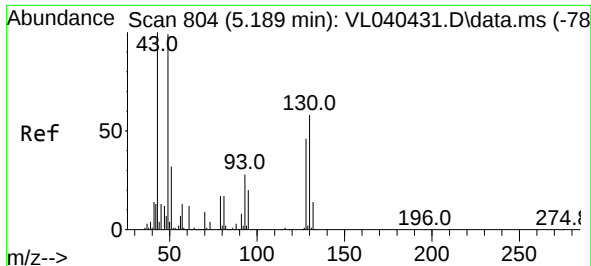
Quant Time: May 17 07:29:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed May 17 05:12:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	8.160	75	1074	0.012	ppbv	#	44
47) 1,1,2-Trichloroethane	8.909	97	1562	0.018	ppbv	#	63
48) Dibromochloromethane	9.761	129	179	0.001	ppbv		86
49) Bromoform	12.417	173	506	0.005	ppbv	#	1
50) 4-Methyl-2-Pentanone	8.198	43	178	0.001	ppbv	#	39
51) 2-Hexanone	9.594	43	892	0.006	ppbv	#	1
52) Tetrachloroethene	10.629	164	1505	0.022	ppbv	#	16
53) Toluene	9.230	91	910	0.004	ppbv	#	1
54) 1,2-Dibromoethane	10.041	107	528	0.006	ppbv		90
56) 1,1,1,2-Tetrachloroethane	11.529	131	1809	0.018	ppbv	#	1
57) Chlorobenzene	11.545	112	1734	0.010	ppbv	#	36
58) Ethyl Benzene	12.121	91	1417	0.005	ppbv		91
59) m/p-Xylene	12.388	91	2200	0.009	ppbv	#	1
60) o-Xylene	13.044	91	179	0.001	ppbv		97
61) Styrene	12.912	104	701	0.006	ppbv	#	27
62) Isopropylbenzene	14.053	105	2615	0.007	ppbv	#	50
63) 1,1,2,2-Tetrachloroethane	13.066	83	1843	0.021	ppbv	#	94
64) n-propylbenzene	14.934	120	876	0.010	ppbv	#	1
65) tert-Butylbenzene	16.117	119	2293	0.007	ppbv	#	1
66) Benzyl Chloride	16.336	91	139	0.008	ppbv	#	68
67) sec-Butylbenzene	16.664	105	782	0.002	ppbv	#	60
69) p-Isopropyltoluene	17.008	119	1546	0.004	ppbv	#	1
70) n-Butylbenzene	17.896	91	1160	0.003	ppbv	#	33
71) 2-Chlorotoluene	14.857	91	519	0.002	ppbv		82
72) 4-Ethyltoluene	15.217	105	2100	0.008	ppbv	#	19
73) 1,3,5-Trimethylbenzene	15.371	105	2445	0.010	ppbv	#	66
74) 1,2,4-Trimethylbenzene	16.127	105	1270	0.004	ppbv	#	84
75) 1,3-Dichlorobenzene	16.355	146	1409	0.009	ppbv	#	22
76) 1,4-Dichlorobenzene	16.487	146	1033	0.007	ppbv	#	1
77) 1,2-Dichlorobenzene	17.166	146	1703	0.011	ppbv	#	22
78) Hexachloro-1,3-Butadiene	22.661	225	2841	0.025	ppbv	#	15
79) Naphthalene	21.413	128	1055	0.006	ppbv	#	69
80) Naphthalene,2-methyl-	24.394	142	44	0.001	ppbv	#	34
81) 1,2,4-Trichlorobenzene	21.153	180	421	0.004	ppbv	#	1

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051623AIR.M
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QLast Update : Wed May 17 05:12:40 2023
Response via : Initial Calibration

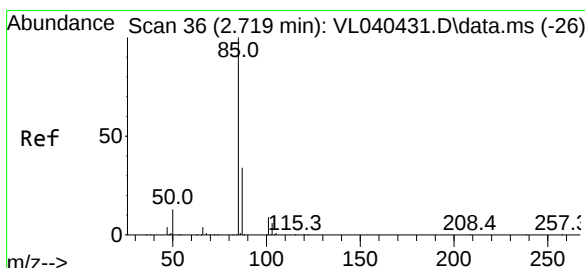
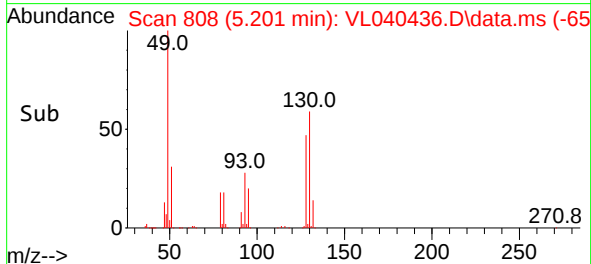
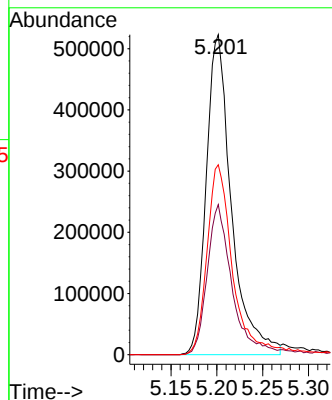
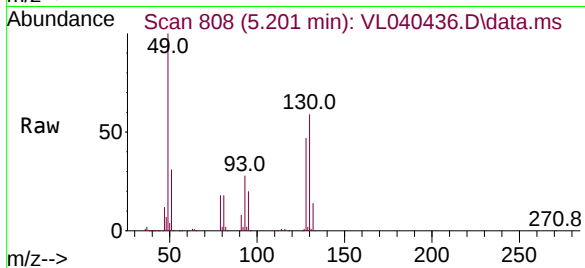




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. -0.004 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

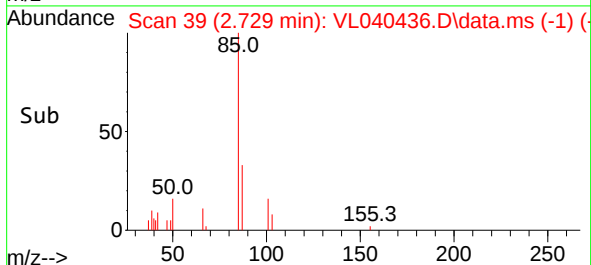
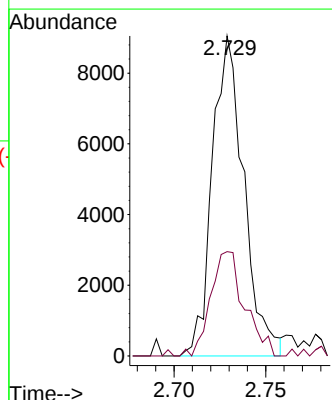
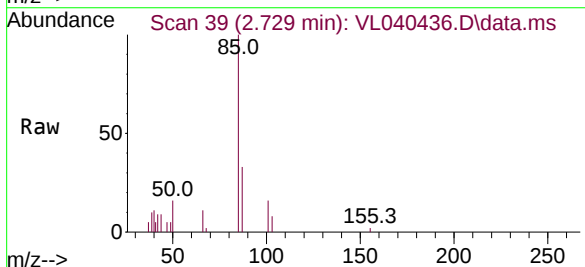
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

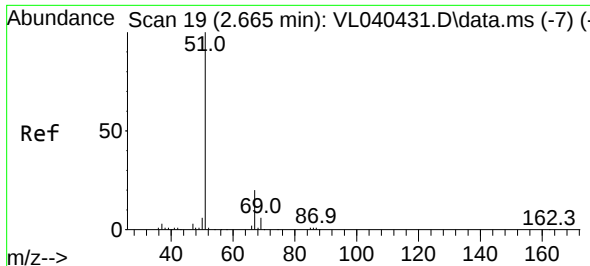
Tgt Ion: 49 Resp: 998706
Ion Ratio Lower Upper
49 100
128 47.0 24.3 72.8
130 62.2 30.2 90.6



#2
Dichlorodifluoromethane
Concen: 0.055 ppbv
RT: 2.729 min Scan# 39
Delta R.T. 0.000 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

Tgt Ion: 85 Resp: 10825
Ion Ratio Lower Upper
85 100
87 32.6 27.4 41.0

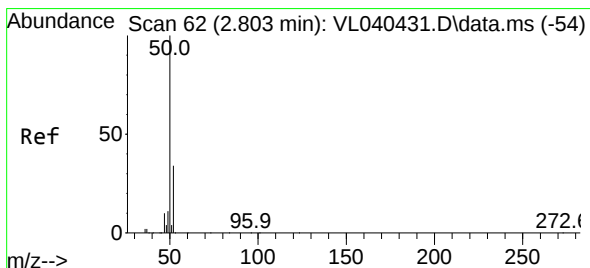
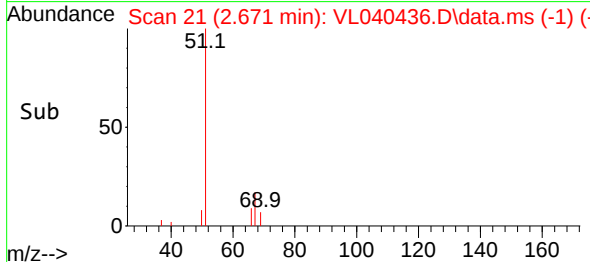
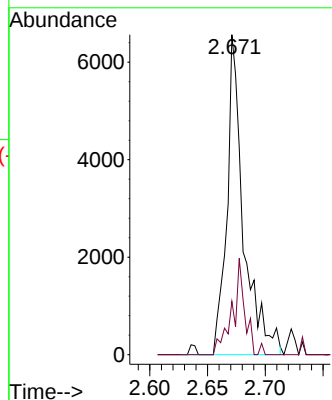
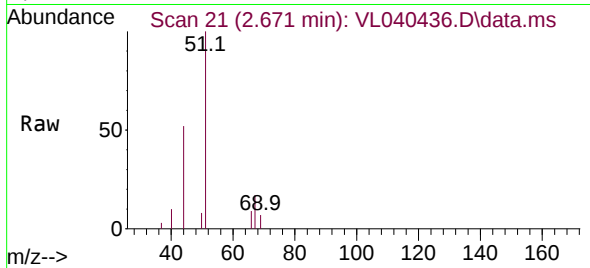




#3
Chlorodifluoromethane
Concen: 0.052 ppbv
RT: 2.671 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

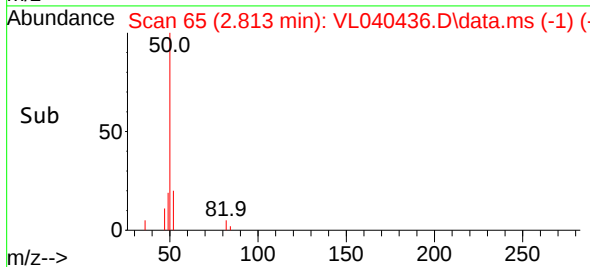
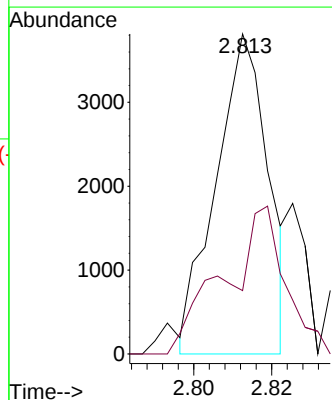
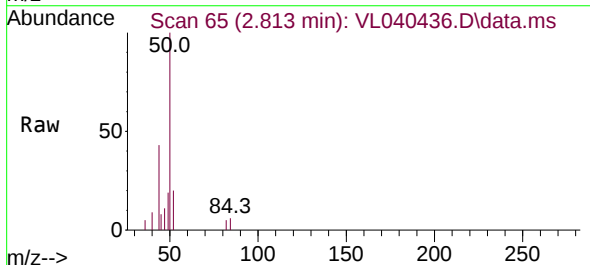
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ClientSampleId :
VSTDIC0.03

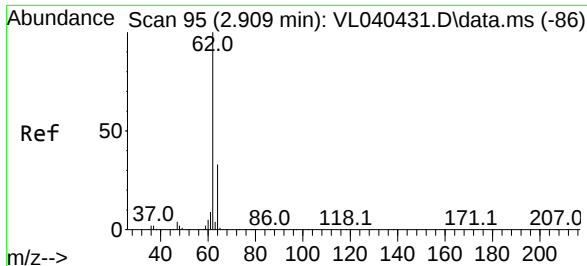
Tgt Ion: 51 Resp: 6652
Ion Ratio Lower Upper
51 100
67 22.4 15.8 23.6



#4
Chloromethane
Concen: 0.044 ppbv
RT: 2.813 min Scan# 65
Delta R.T. 0.000 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

Tgt Ion: 50 Resp: 3548
Ion Ratio Lower Upper
50 100
52 14.1 27.6 41.4#

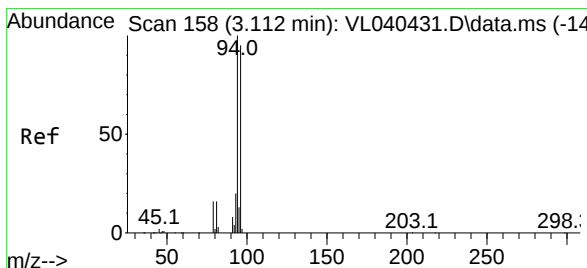
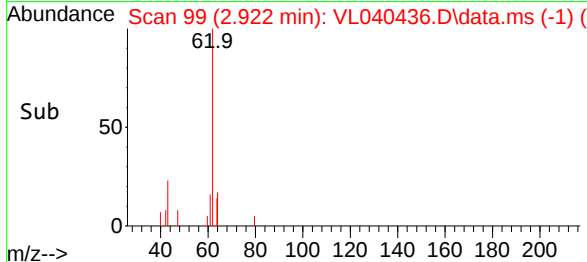
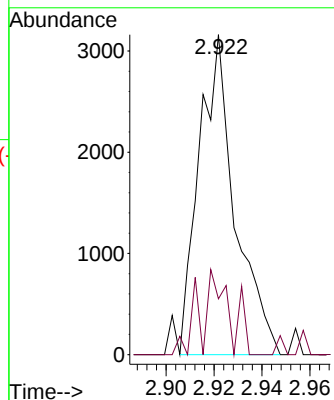
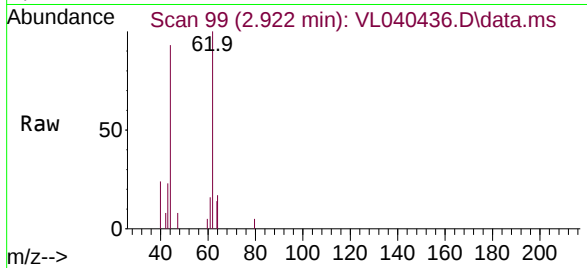




#5
 Vinyl Chloride
 Concen: 0.046 ppbv
 RT: 2.922 min Scan# 94
 Delta R.T. 0.000 min
 Lab File: VL040436.D
 Acq: 16 May 2023 12:53

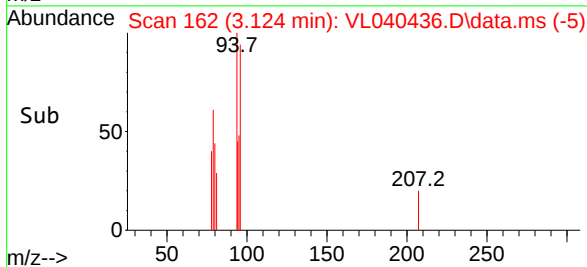
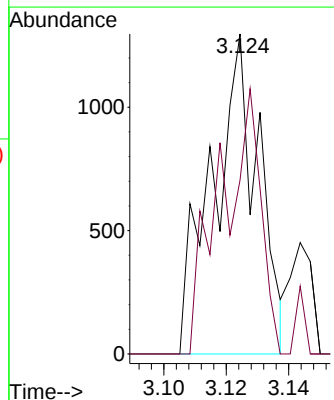
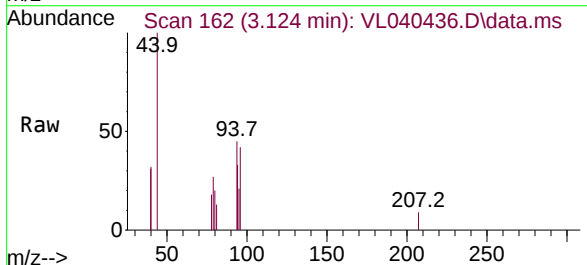
Instrument :
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 ClientSampleId :
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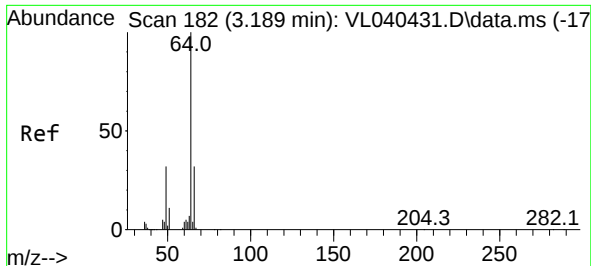
Tgt Ion: 62 Resp: 3301
 Ion Ratio Lower Upper
 62 100
 64 11.7 26.6 40.0#



#6
 Bromomethane
 Concen: 0.061 ppbv
 RT: 3.124 min Scan# 162
 Delta R.T. 0.003 min
 Lab File: VL040436.D
 Acq: 16 May 2023 12:53

Tgt Ion: 94 Resp: 1325
 Ion Ratio Lower Upper
 94 100
 96 54.4 75.7 113.5#

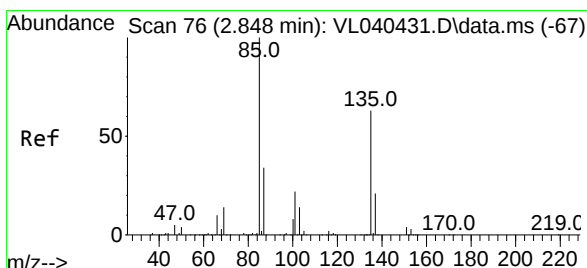
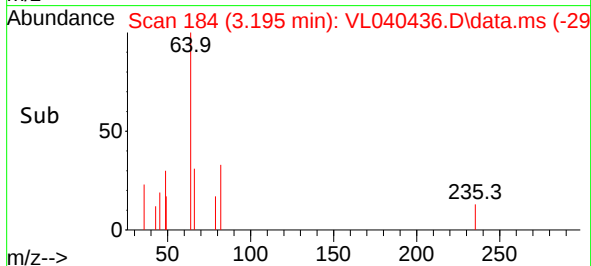
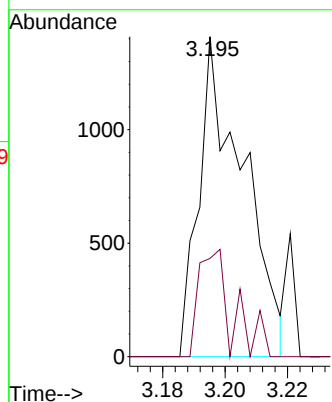
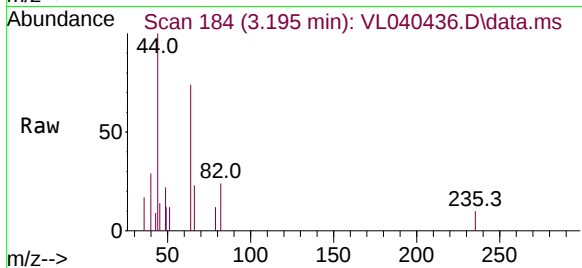




#7
Chloroethane
Concen: 0.055 ppbv
RT: 3.195 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

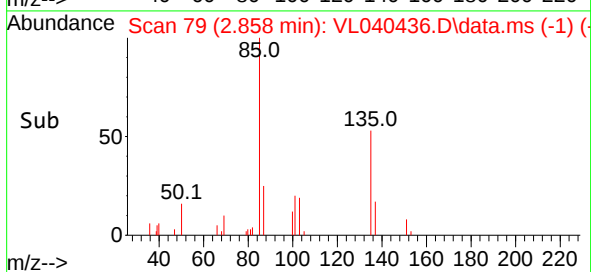
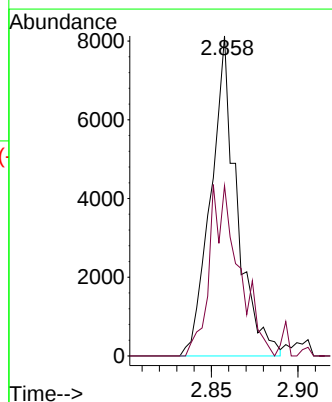
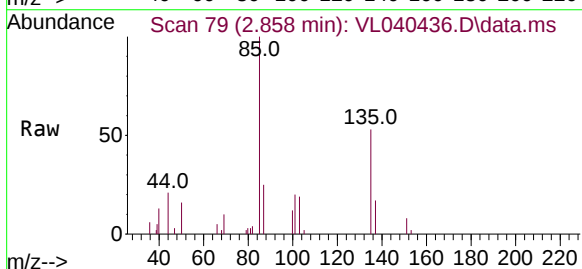
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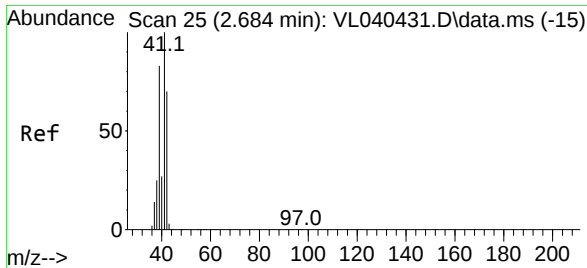
Tgt Ion: 64 Resp: 1386
Ion Ratio Lower Upper
64 100
66 30.7 25.8 38.8



#8
Dichlorotetrafluoroethane
Concen: 0.048 ppbv
RT: 2.858 min Scan# 79
Delta R.T. 0.000 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

Tgt Ion: 85 Resp: 8524
Ion Ratio Lower Upper
85 100
135 62.9 50.6 75.8

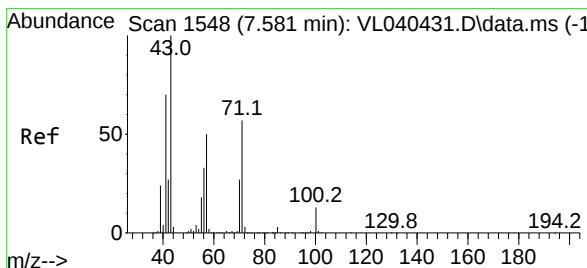
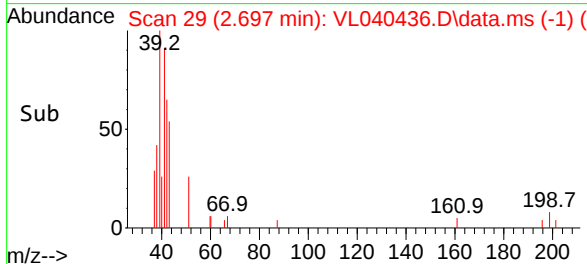
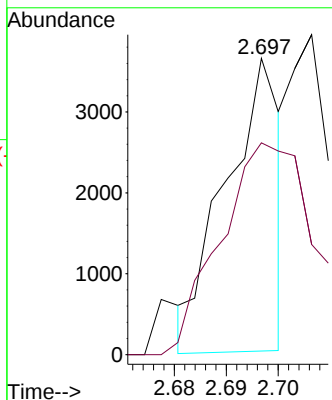
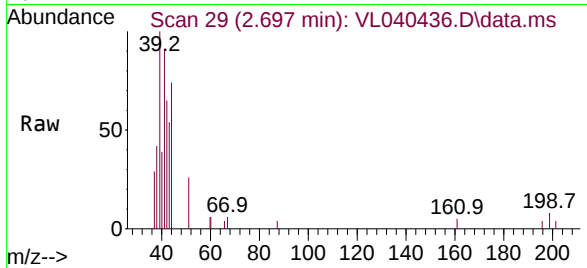




#9
 Propene
 Concen: 0.053 ppbv
 RT: 2.697 min Scan# 24
 Delta R.T. 0.003 min
 Lab File: VL040436.D
 Acq: 16 May 2023 12:53

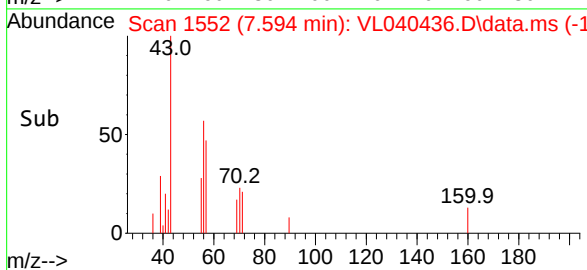
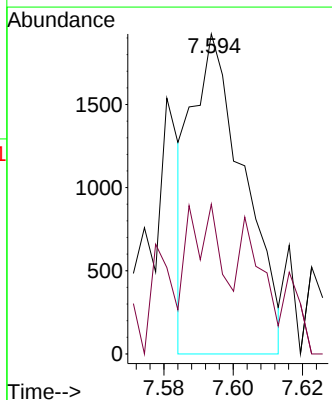
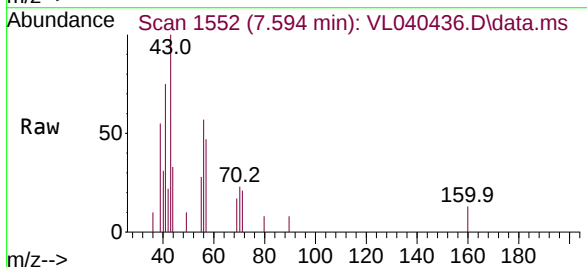
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

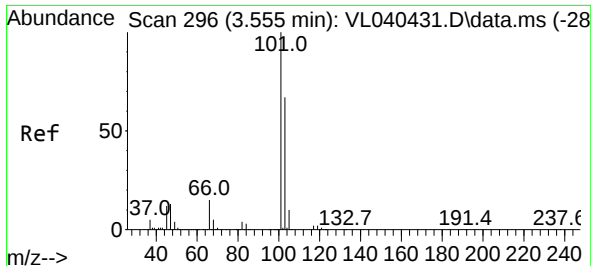
Tgt Ion: 41 Resp: 2640
 Ion Ratio Lower Upper
 41 100
 42 169.2 56.6 84.8#



#10
 Heptane
 Concen: 0.018 ppbv
 RT: 7.594 min Scan# 1552
 Delta R.T. -0.003 min
 Lab File: VL040436.D
 Acq: 16 May 2023 12:53

Tgt Ion: 43 Resp: 2040
 Ion Ratio Lower Upper
 43 100
 57 74.0 42.2 63.2#

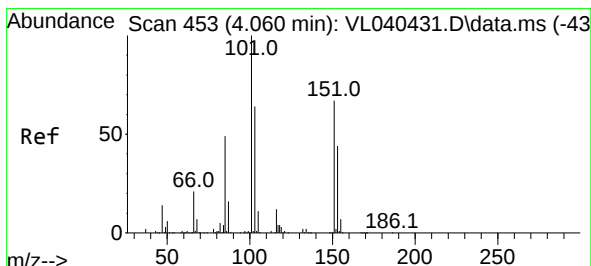
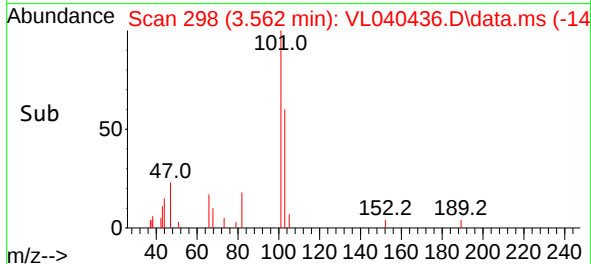
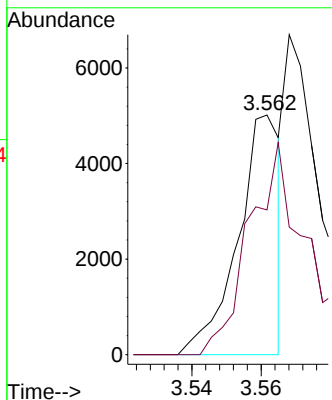
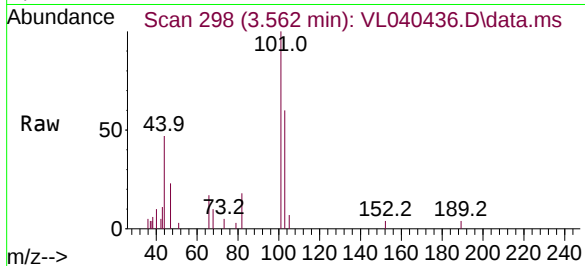




#11
 Trichlorofluoromethane
 Concen: 0.024 ppbv
 RT: 3.562 min Scan# 296
 Delta R.T. -0.006 min
 Lab File: VL040436.D
 Acq: 16 May 2023 12:53

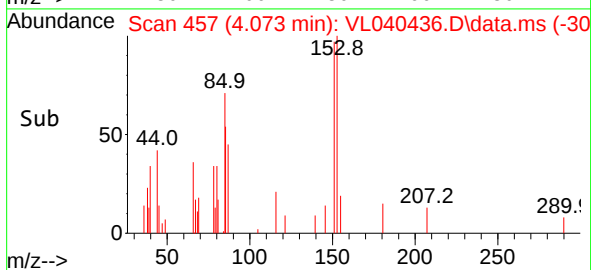
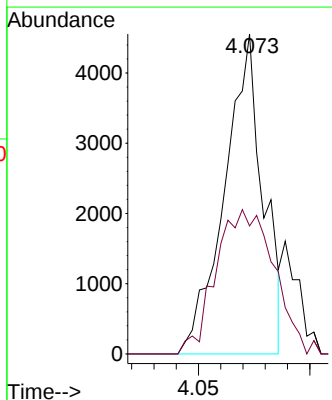
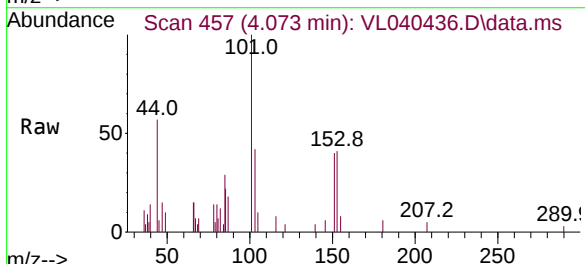
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

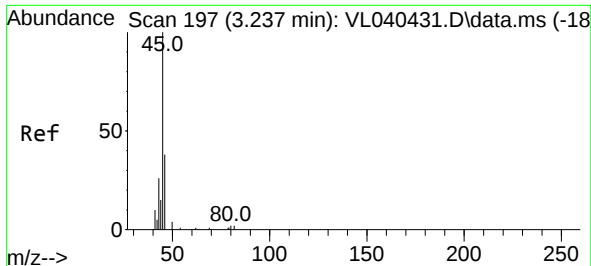
Tgt Ion:101 Resp: 4243
 Ion Ratio Lower Upper
 101 100
 103 60.4 53.3 79.9



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.042 ppbv
 RT: 4.073 min Scan# 457
 Delta R.T. 0.000 min
 Lab File: VL040436.D
 Acq: 16 May 2023 12:53

Tgt Ion:101 Resp: 5475
 Ion Ratio Lower Upper
 101 100
 151 70.5 53.8 80.6

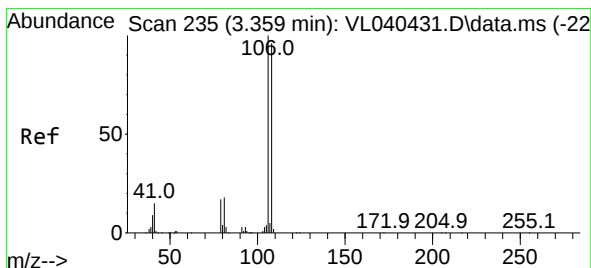
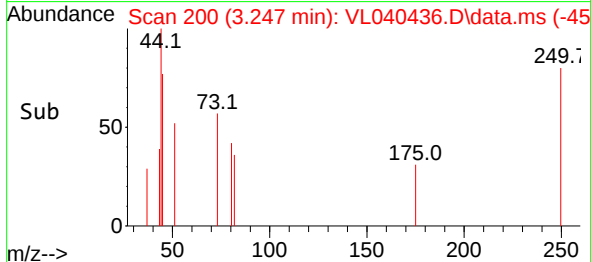
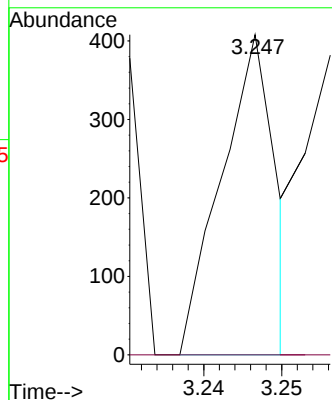
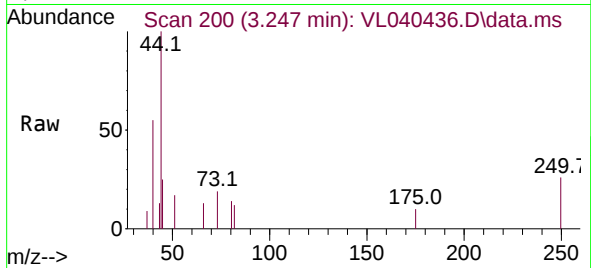




#13
Ethanol
Concen: 0.052 ppbv
RT: 3.247 min Scan# 200
Delta R.T. -0.003 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

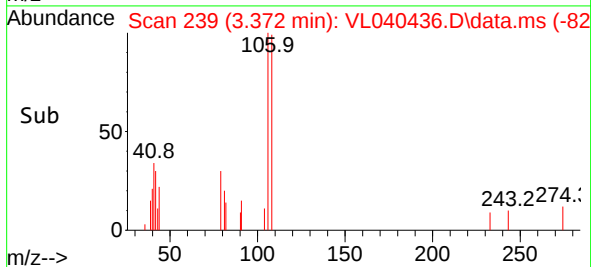
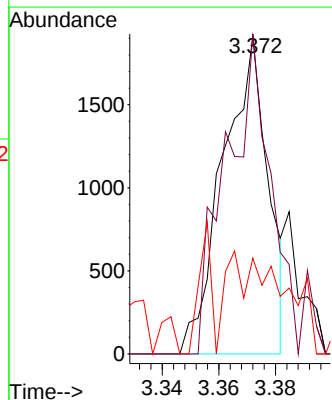
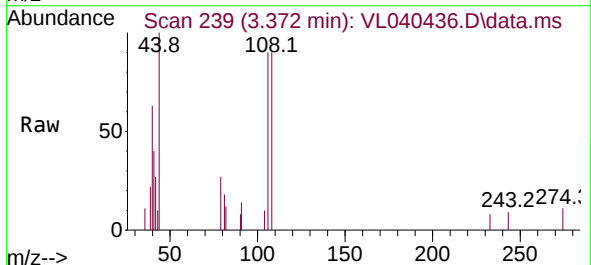
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

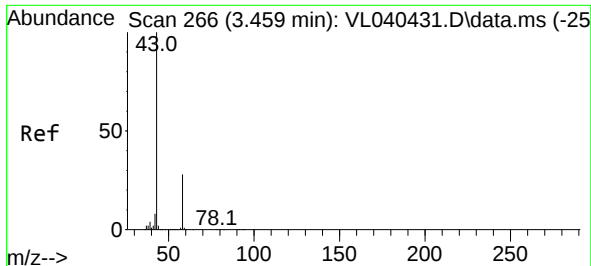
Tgt Ion: 45 Resp: 198
Ion Ratio Lower Upper
45 100
46 0.0 13.2 52.8#



#14
Bromoethene
Concen: 0.041 ppbv
RT: 3.372 min Scan# 239
Delta R.T. 0.003 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

Tgt Ion: 108 Resp: 2110
Ion Ratio Lower Upper
108 100
106 105.4 89.5 134.3
79 40.8 16.1 24.1#

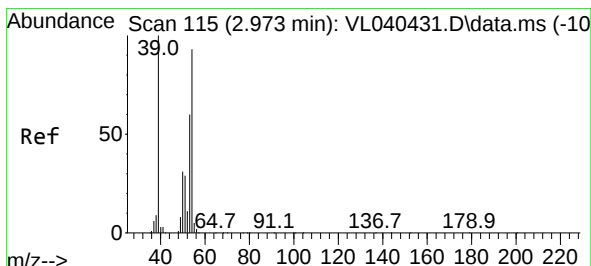
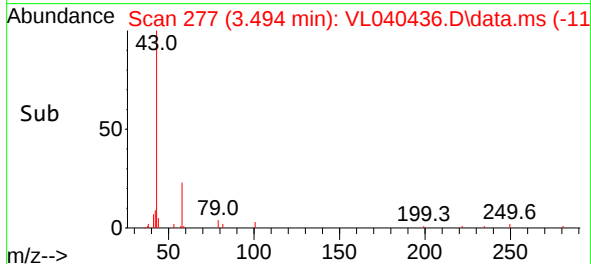
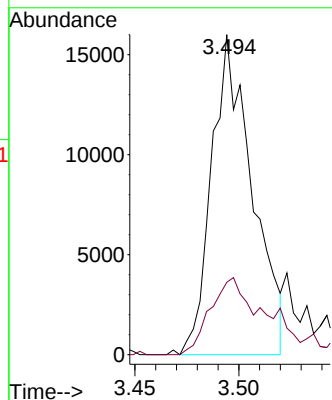
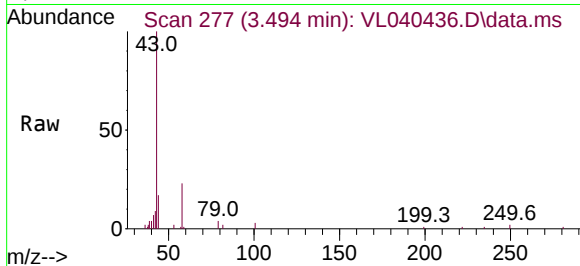




#15
Acetone
Concen: 0.172 ppbv
RT: 3.494 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

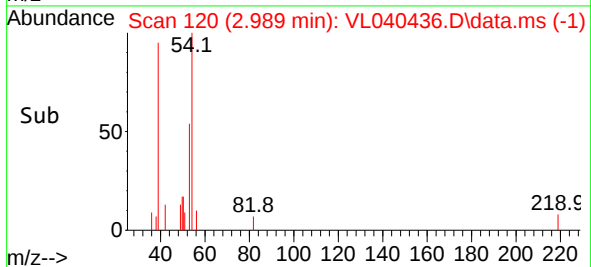
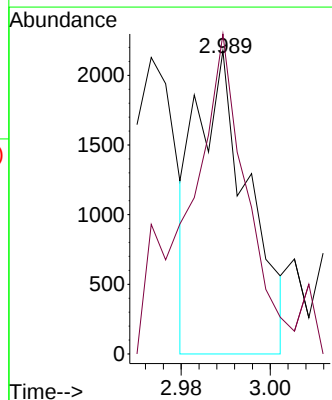
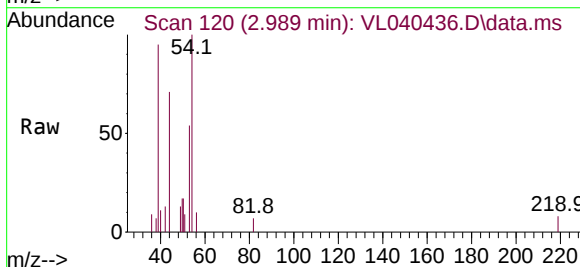
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

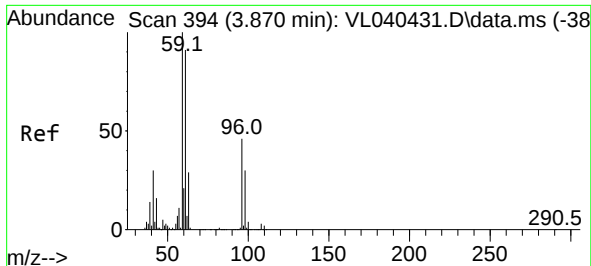
Tgt Ion: 43 Resp: 21735
Ion Ratio Lower Upper
43 100
58 35.8 22.2 33.4#



#16
1,3-Butadiene
Concen: 0.030 ppbv
RT: 2.989 min Scan# 120
Delta R.T. 0.003 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

Tgt Ion: 39 Resp: 1765
Ion Ratio Lower Upper
39 100
54 133.7 68.9 103.3#





#17

tert-Butyl alcohol

Concen: 0.008 ppbv

RT: 3.902 min Scan# 404

Delta R.T. 0.023 min

Lab File: VL040436.D

Acq: 16 May 2023 12:53

Instrument :

MSVOA_L

ClientSampleId :

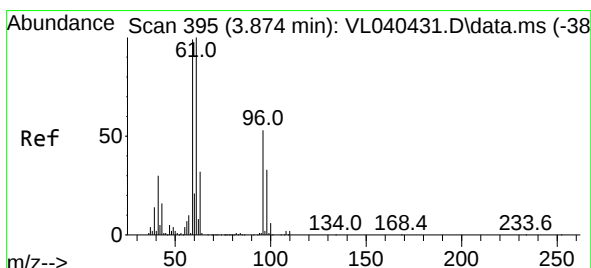
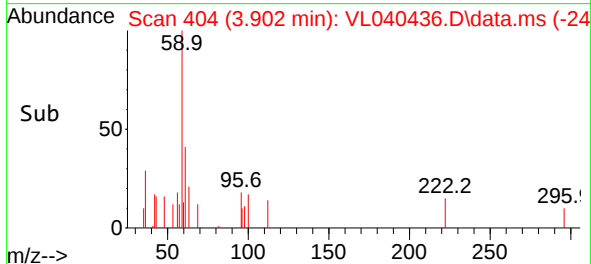
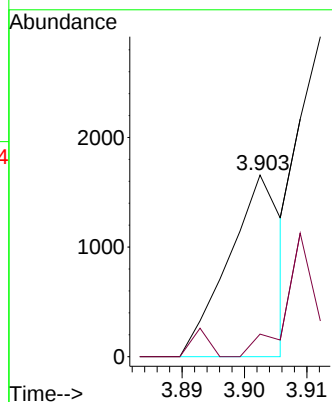
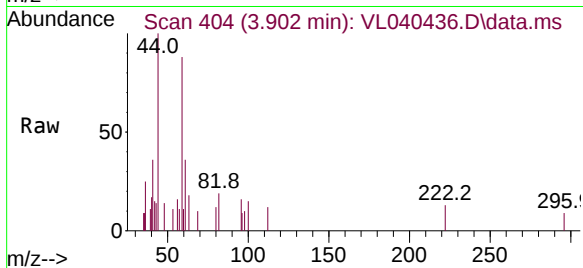
VSTDIC0.03

Tgt Ion: 59 Resp: 983

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#18

1,1-Dichloroethene

Concen: 0.026 ppbv

RT: 3.883 min Scan# 398

Delta R.T. -0.003 min

Lab File: VL040436.D

Acq: 16 May 2023 12:53

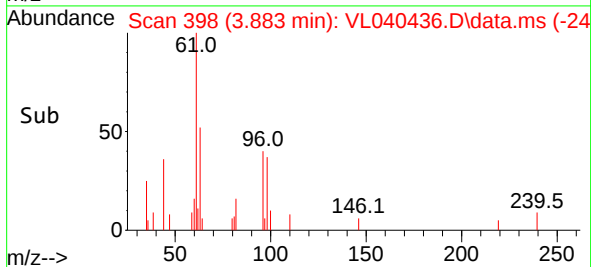
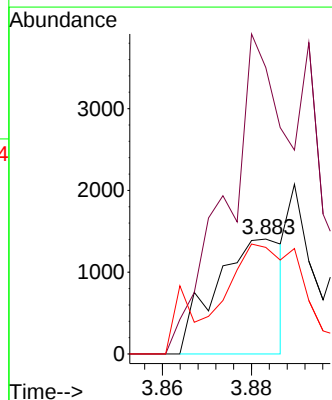
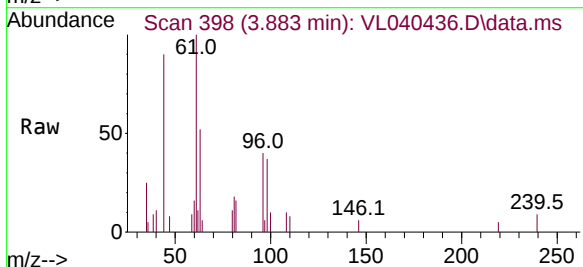
Tgt Ion: 96 Resp: 1469

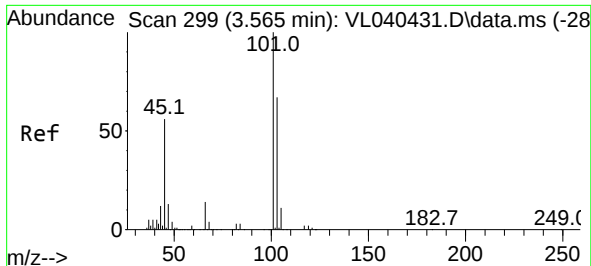
Ion Ratio Lower Upper

96 100

61 219.0 151.8 227.8

98 33.4 50.5 75.7#

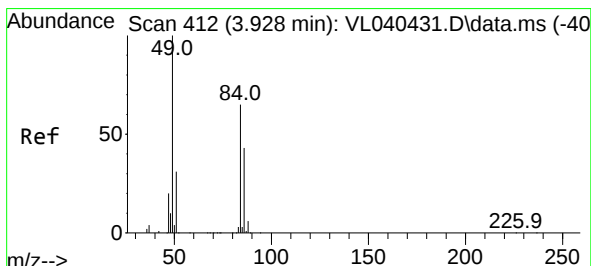
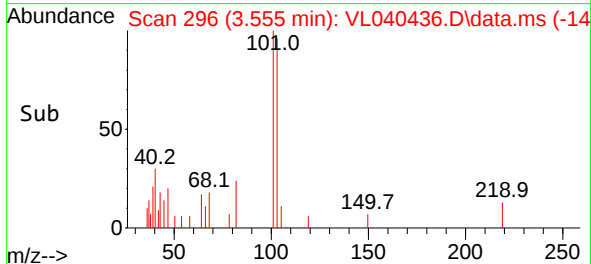
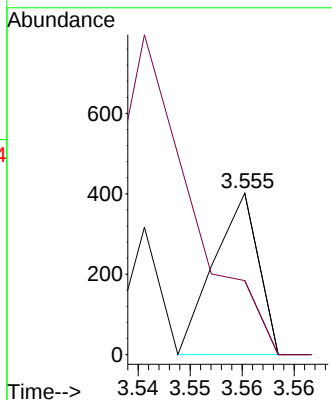
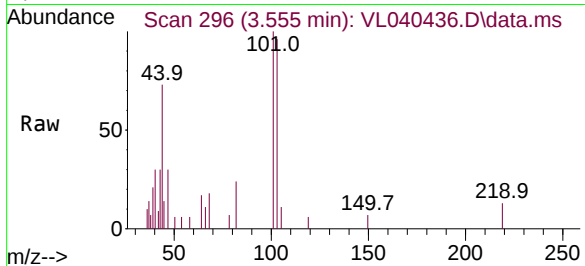




#19
Isopropyl Alcohol
Concen: 0.002 ppbv
RT: 3.555 min Scan# 299
Delta R.T. -0.022 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

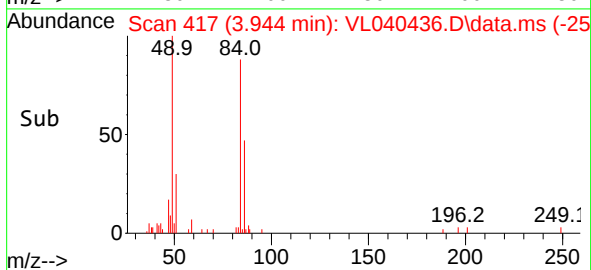
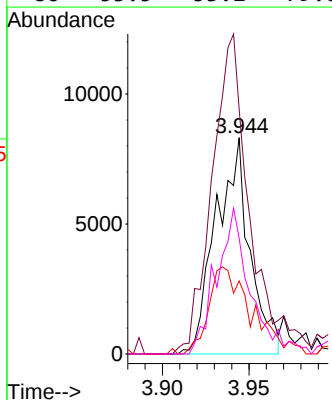
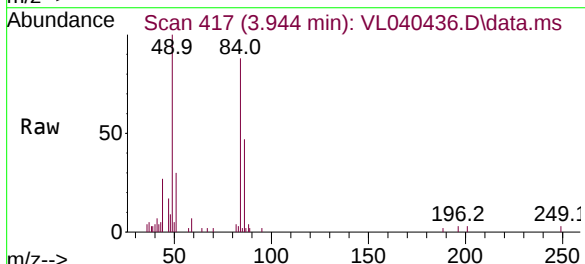
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

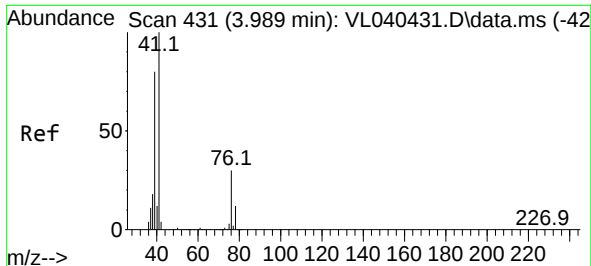
Tgt Ion: 45 Resp: 120
Ion Ratio Lower Upper
45 100
58 0.0 2.1 3.1#



#20
Methylene Chloride
Concen: 0.201 ppbv
RT: 3.944 min Scan# 417
Delta R.T. 0.007 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

Tgt Ion: 84 Resp: 11298
Ion Ratio Lower Upper
84 100
49 110.5 123.7 185.5#
51 33.8 38.6 57.8#
86 53.5 53.2 79.8





#21

Allyl Chloride

Concen: 0.041 ppbv

RT: 4.002 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL040436.D

Acq: 16 May 2023 12:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

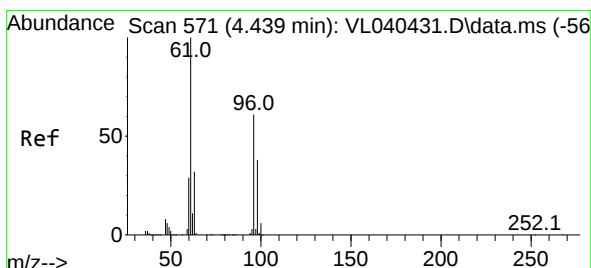
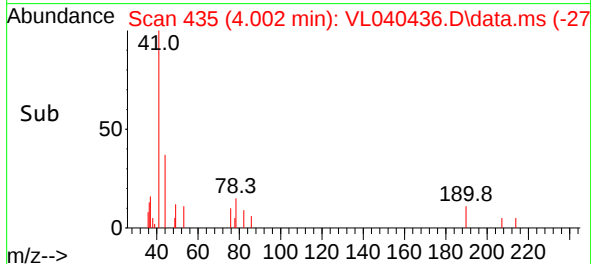
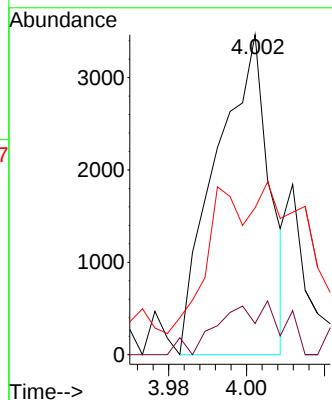
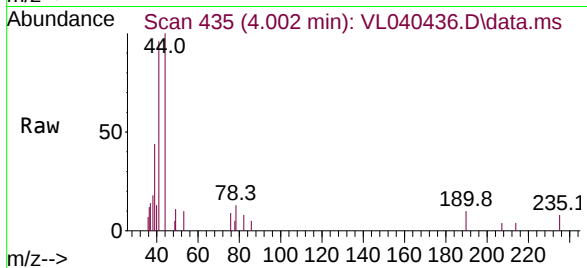
Tgt Ion: 41 Resp: 3303

Ion Ratio Lower Upper

41 100

76 25.9 25.3 37.9

39 137.6 63.5 95.3#



#22

trans-1,2-Dichloroethene

Concen: 0.022 ppbv

RT: 4.456 min Scan# 576

Delta R.T. 0.000 min

Lab File: VL040436.D

Acq: 16 May 2023 12:53

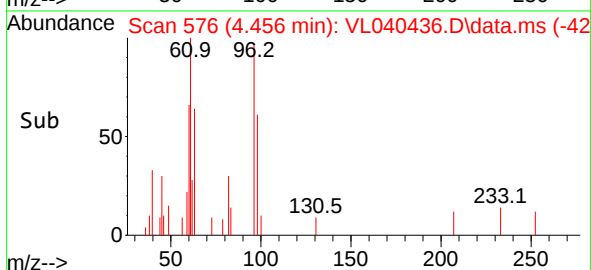
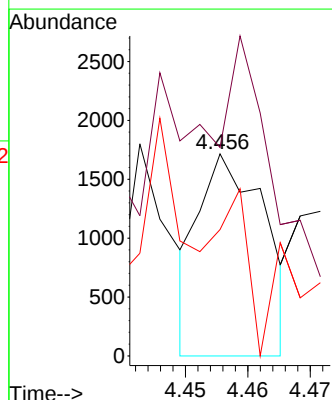
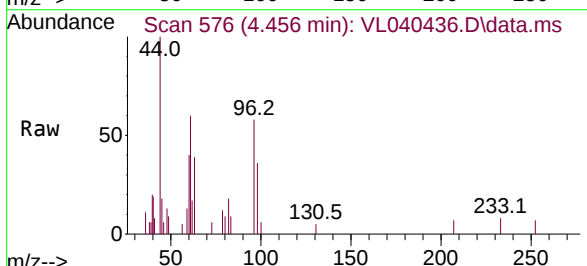
Tgt Ion: 96 Resp: 1260

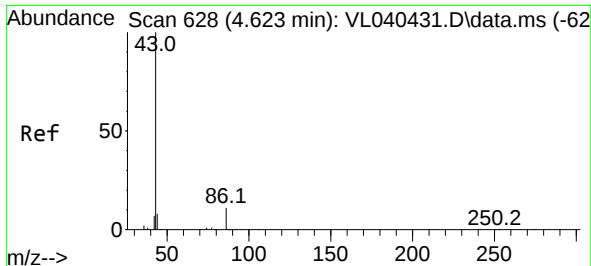
Ion Ratio Lower Upper

96 100

61 101.4 131.8 197.6#

98 11.8 50.1 75.1#

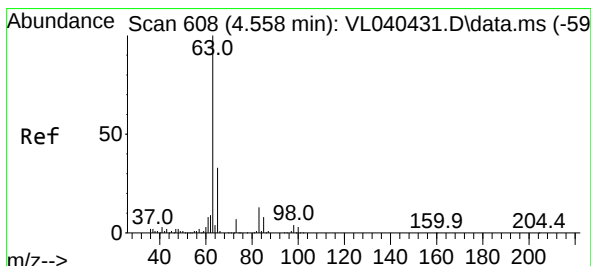
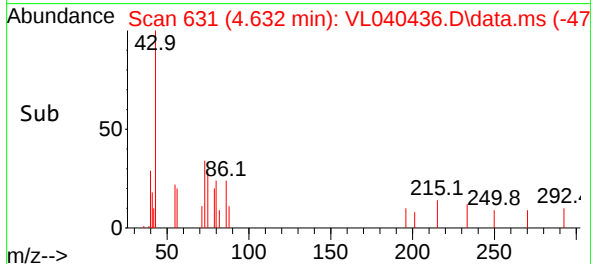
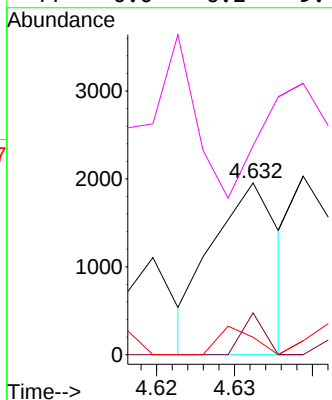
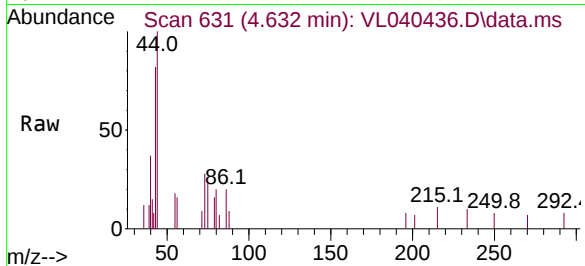




#23
 Vinyl Acetate
 Concen: 0.033 ppbv
 RT: 4.632 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL040436.D
 Acq: 16 May 2023 12:53

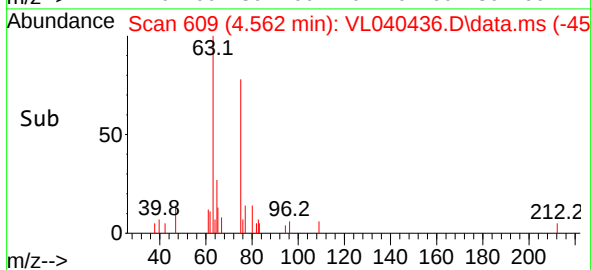
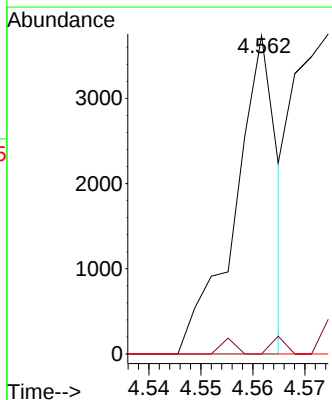
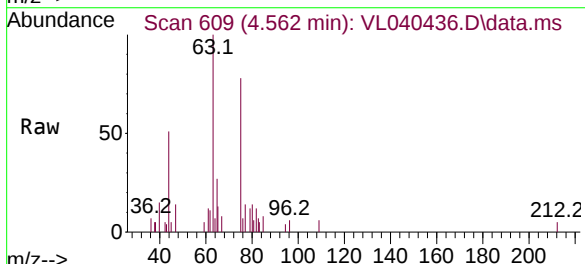
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.03

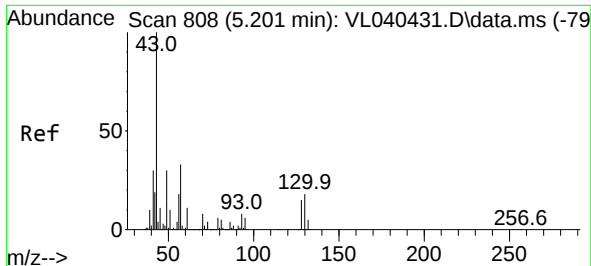
Tgt Ion: 43	Resp:	1161	
Ion	Ratio	Lower	Upper
43	100		
86	33.6	5.4	8.2#
42	14.0	7.8	11.6#
44	0.0	6.2	9.4#



#24
 1,1-Dichloroethane
 Concen: 0.018 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. -0.010 min
 Lab File: VL040436.D
 Acq: 16 May 2023 12:53

Tgt Ion: 63	Resp: 2110
Ion Ratio	Lower Upper
63 100	
98 0.0	2.0 5.8#
100 0.0	1.4 4.2#



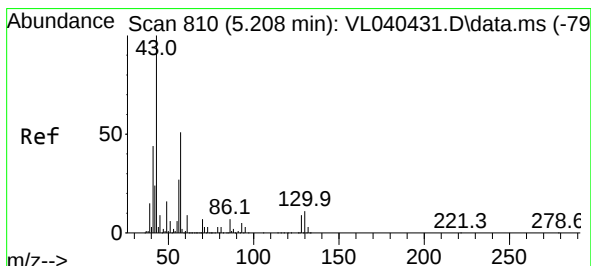
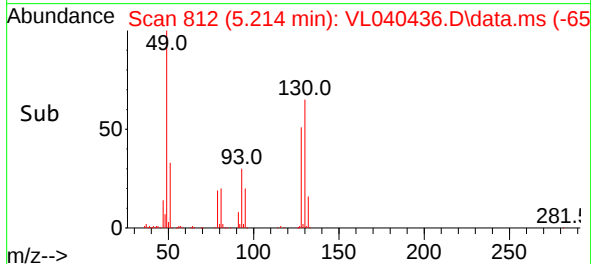
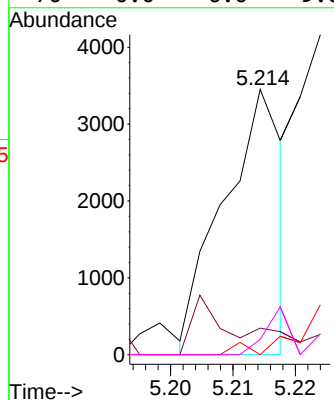
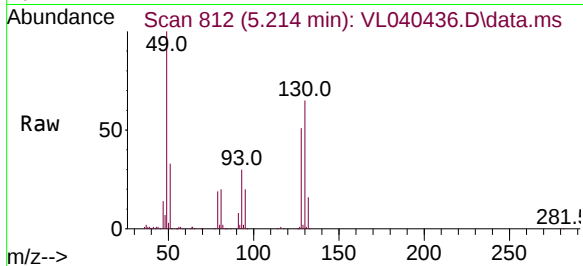


#25
Ethyl Acetate
Concen: 0.010 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.000 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 43 Resp: 2276

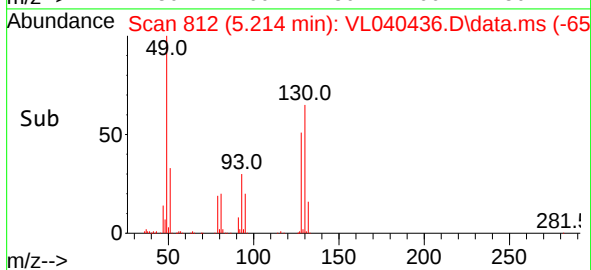
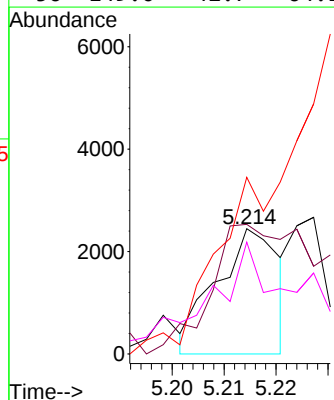
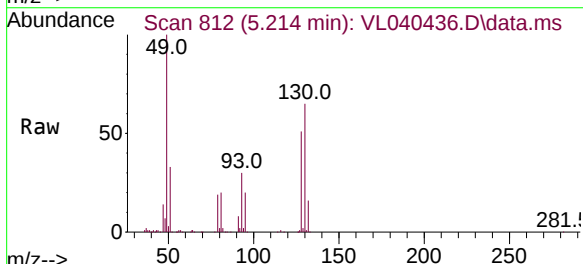
Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.6	13.0#
61	0.0	8.6	12.8#
70	0.0	6.0	9.0#

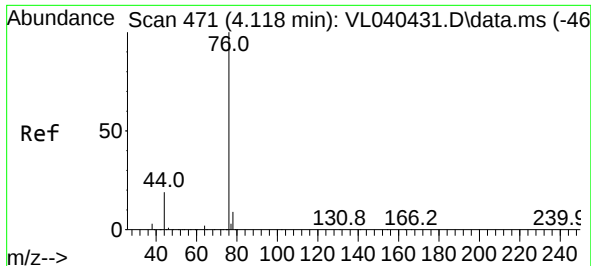


#26
Hexane
Concen: 0.021 ppbv
RT: 5.214 min Scan# 812
Delta R.T. -0.010 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

Tgt Ion: 57 Resp: 2029

Ion	Ratio	Lower	Upper
57	100		
41	263.2	75.1	112.7#
43	0.0	194.4	291.6#
56	149.0	42.7	64.1#

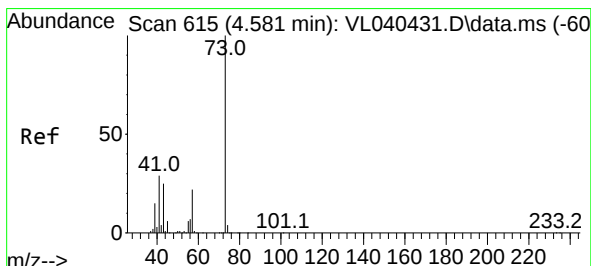
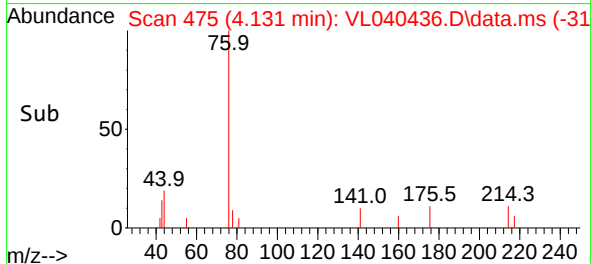
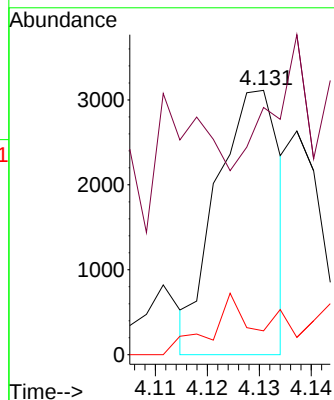
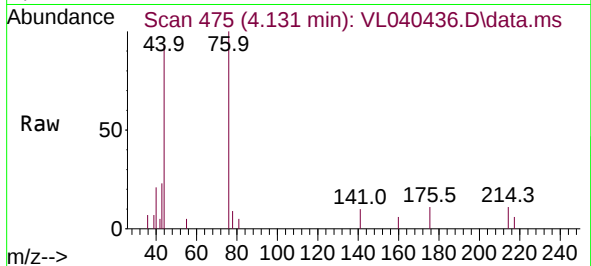




#27
Carbon Disulfide
Concen: 0.020 ppbv
RT: 4.131 min Scan# 411
Delta R.T. 0.000 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

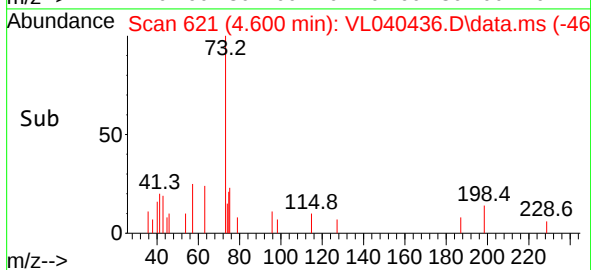
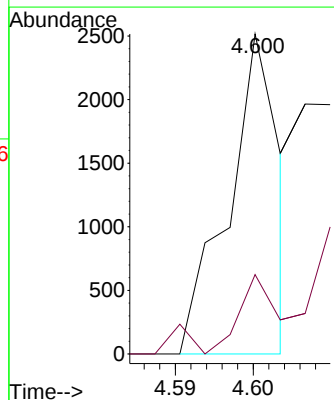
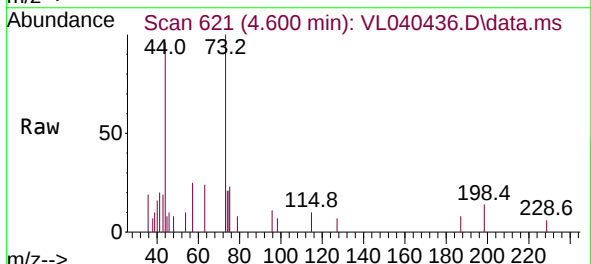
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

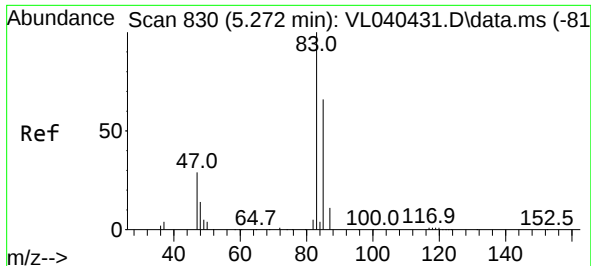
Tgt Ion: 76 Resp: 2612
Ion Ratio Lower Upper
76 100
44 0.0 15.3 22.9#
78 31.9 7.4 11.2#



#28
Methyl tert-Butyl Ether
Concen: 0.011 ppbv
RT: 4.600 min Scan# 621
Delta R.T. 0.007 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

Tgt Ion: 73 Resp: 1151
Ion Ratio Lower Upper
73 100
57 0.0 18.9 28.3#





#29

Chloroform

Concen: 0.001 ppbv

RT: 5.314 min Scan# 84

Delta R.T. 0.029 min

Lab File: VL040436.D

Acq: 16 May 2023 12:53

Instrument :

MSVOA_L

ClientSampleId :

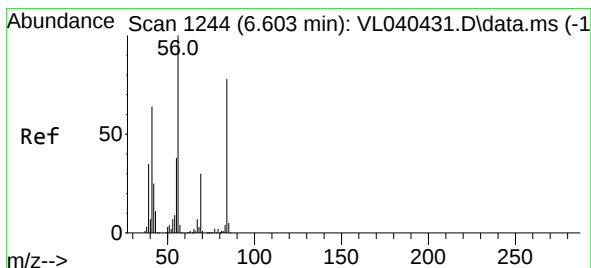
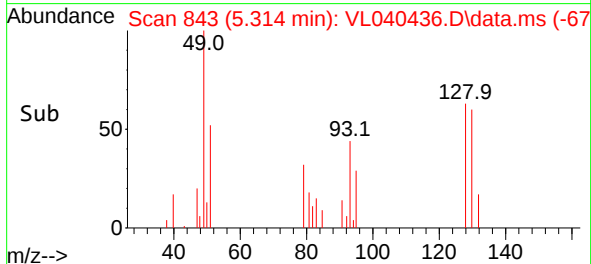
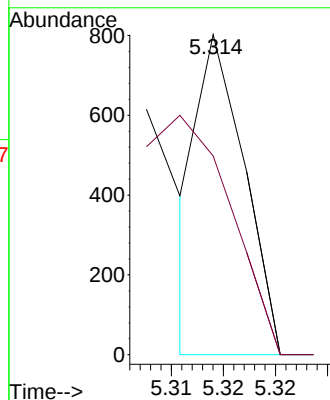
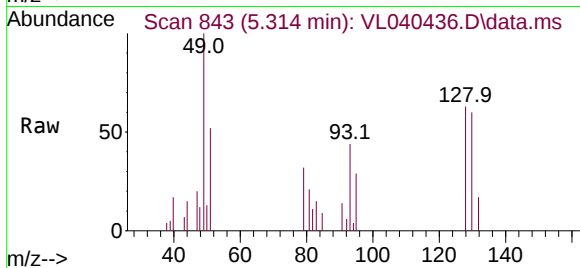
VSTDIC0.03

Tgt Ion: 83 Resp: 243

Ion Ratio Lower Upper

83 100

85 62.1 52.4 78.6



#30

Cyclohexane

Concen: 0.006 ppbv

RT: 6.607 min Scan# 1245

Delta R.T. -0.010 min

Lab File: VL040436.D

Acq: 16 May 2023 12:53

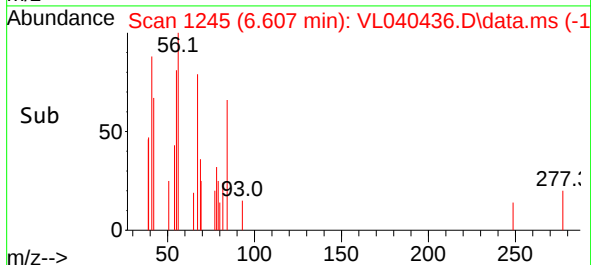
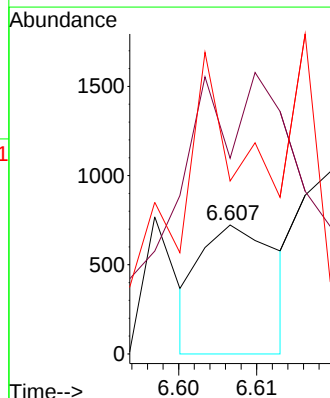
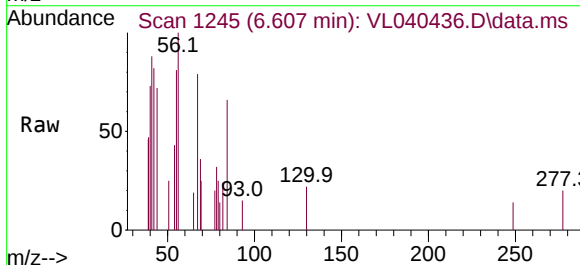
Tgt Ion: 84 Resp: 488

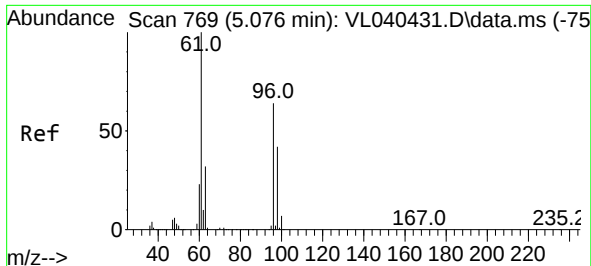
Ion Ratio Lower Upper

84 100

56 0.0 108.2 162.4#

41 0.0 66.9 100.3#

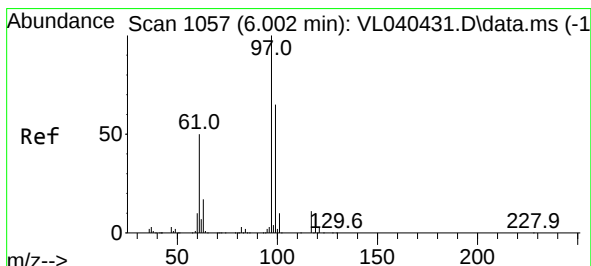
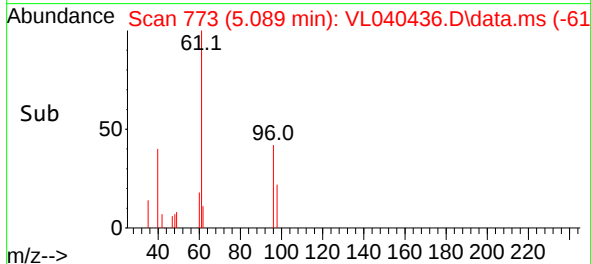
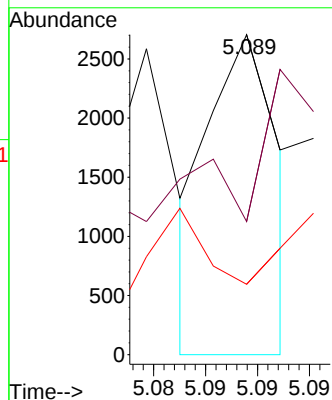
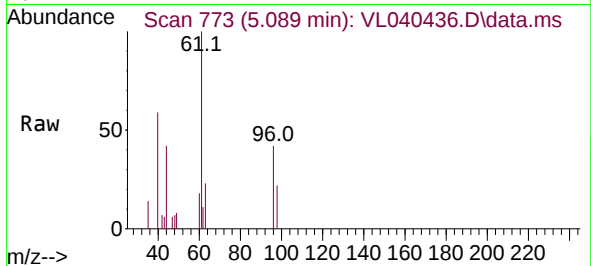




#31
 cis-1,2-Dichloroethene
 Concen: 0.013 ppbv
 RT: 5.089 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL040436.D
 Acq: 16 May 2023 12:53

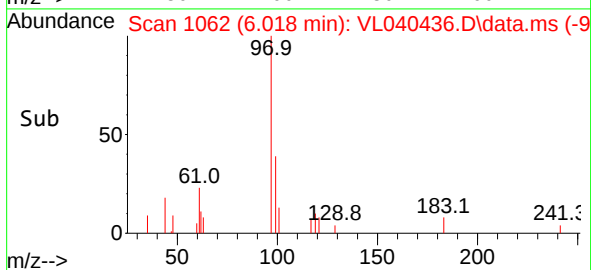
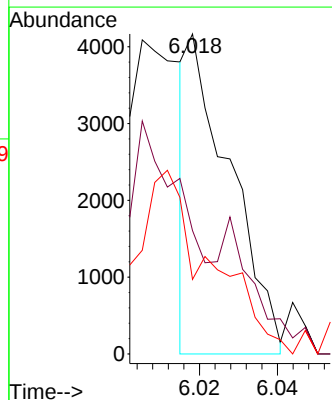
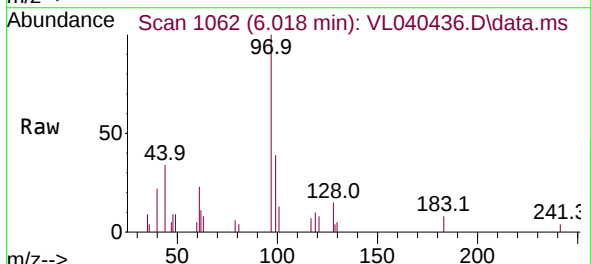
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

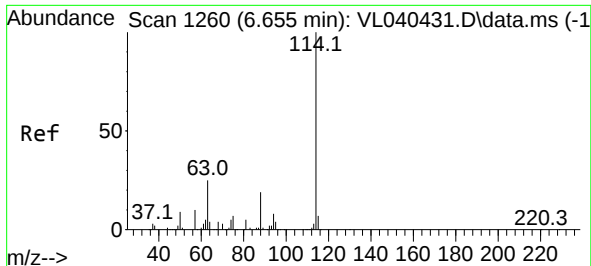
Tgt Ion: 61 Resp: 1254
 Ion Ratio Lower Upper
 61 100
 96 0.0 51.4 77.0#
 98 0.0 33.6 50.4#



#32
 1,1,1-Trichloroethane
 Concen: 0.017 ppbv
 RT: 6.018 min Scan# 1062
 Delta R.T. 0.003 min
 Lab File: VL040436.D
 Acq: 16 May 2023 12:53

Tgt Ion: 97 Resp: 3199
 Ion Ratio Lower Upper
 97 100
 99 0.0 52.2 78.2#
 61 117.2 40.2 60.4#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.664 min Scan# 114

Delta R.T. -0.006 min

Lab File: VL040436.D

Acq: 16 May 2023 12:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

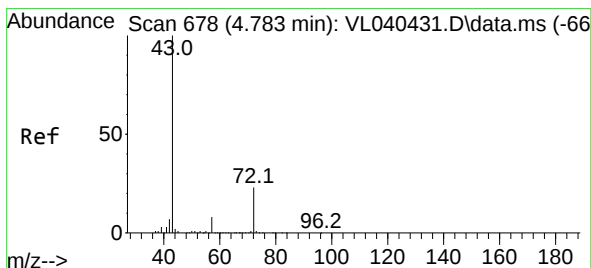
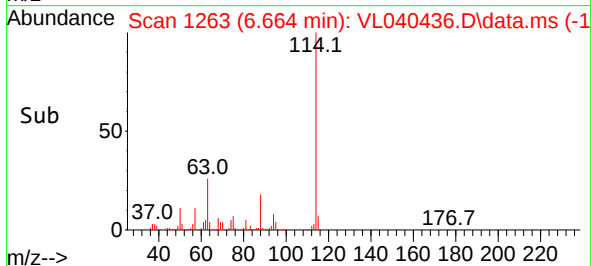
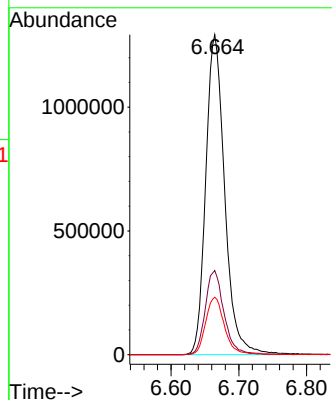
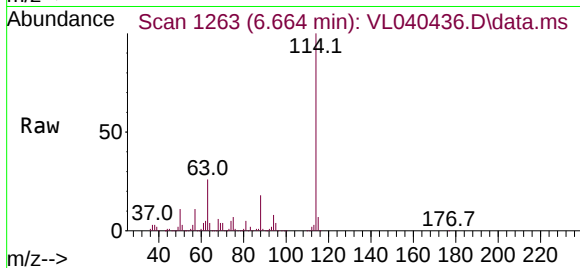
Tgt Ion:114 Resp: 2507087

Ion Ratio Lower Upper

114 100

63 26.2 21.0 31.6

88 17.9 14.6 22.0



#34

2-Butanone

Concen: 0.002 ppbv

RT: 4.784 min Scan# 678

Delta R.T. -0.013 min

Lab File: VL040436.D

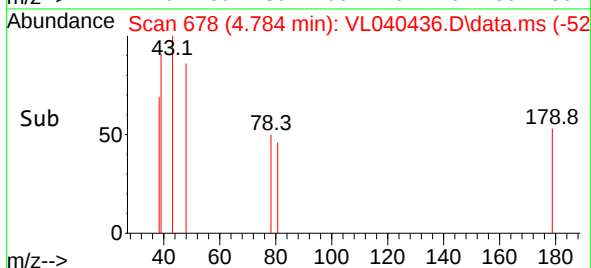
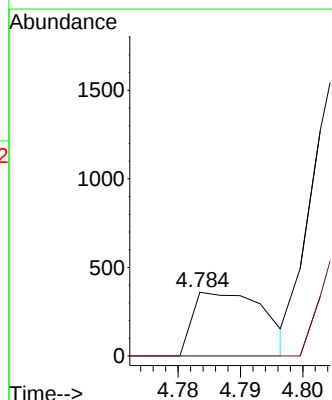
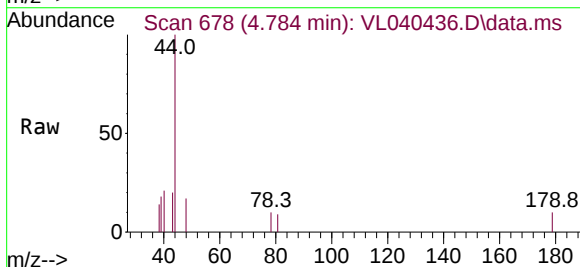
Acq: 16 May 2023 12:53

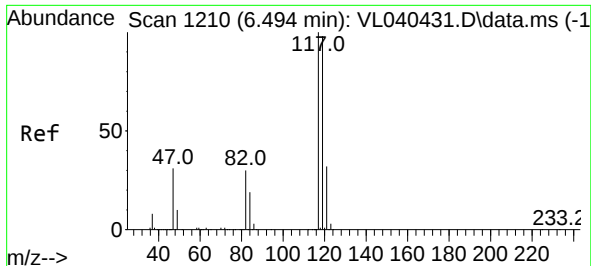
Tgt Ion: 43 Resp: 288

Ion Ratio Lower Upper

43 100

72 0.0 18.3 27.5#

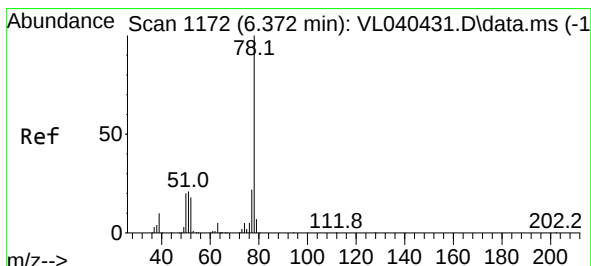
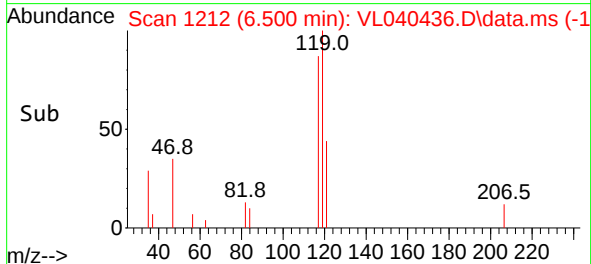
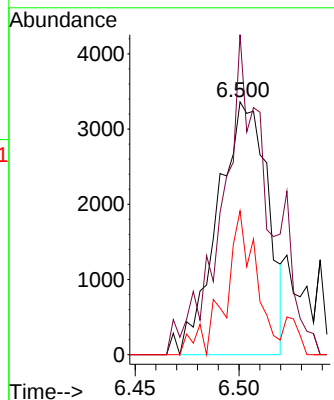
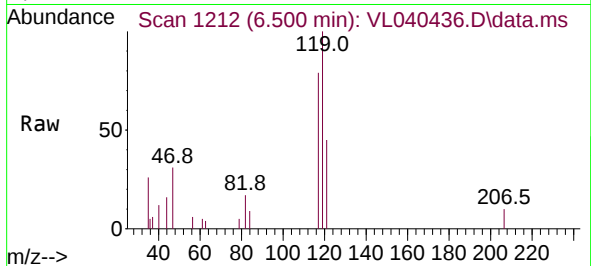




#35
Carbon Tetrachloride
Concen: 0.031 ppbv
RT: 6.500 min Scan# 1176
Delta R.T. -0.010 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

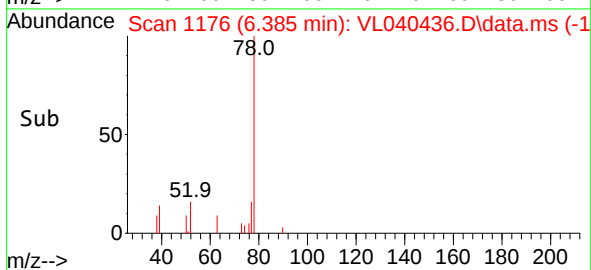
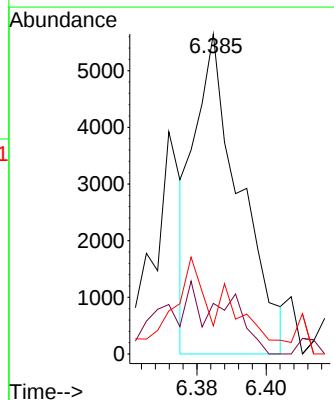
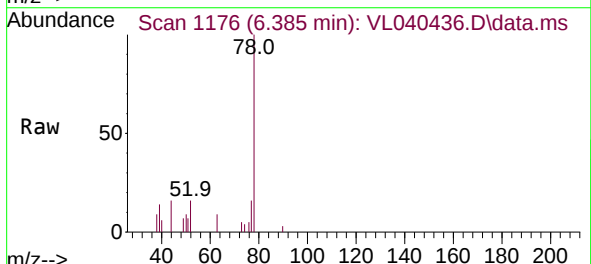
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

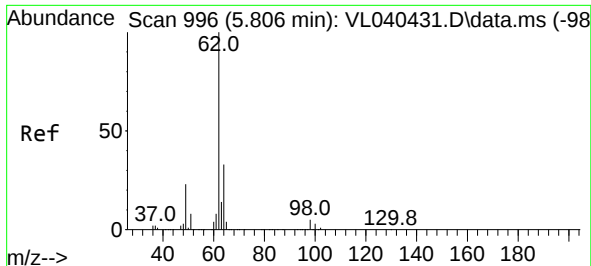
Tgt Ion:117 Resp: 5604
Ion Ratio Lower Upper
117 100
119 119.7 78.0 117.0#
121 56.9 25.2 37.8#



#36
Benzene
Concen: 0.025 ppbv
RT: 6.385 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

Tgt Ion: 78 Resp: 5160
Ion Ratio Lower Upper
78 100
77 8.5 17.7 26.5#
50 14.0 15.8 23.8#

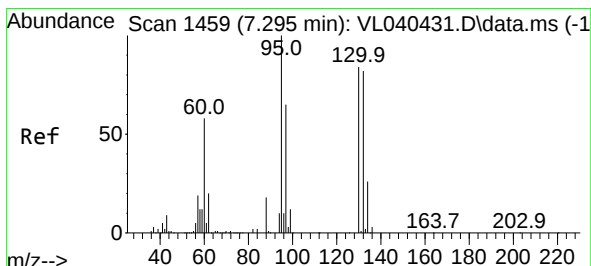
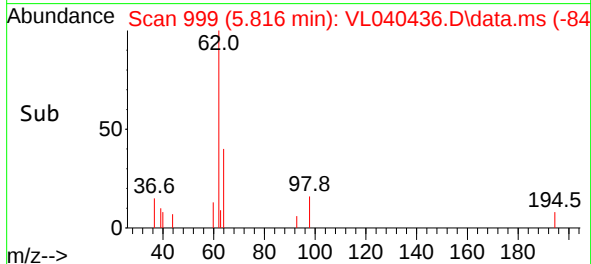
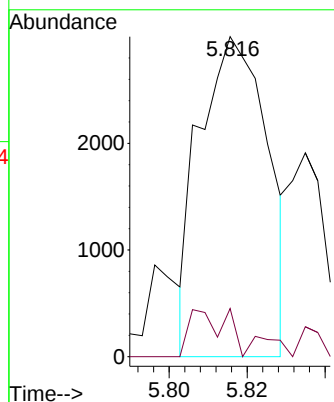
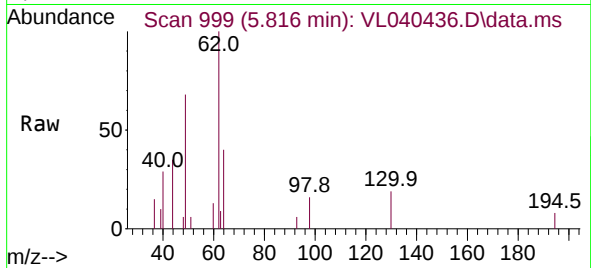




#37
1,2-Dichloroethane
Concen: 0.027 ppbv
RT: 5.816 min Scan# 996
Delta R.T. -0.003 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

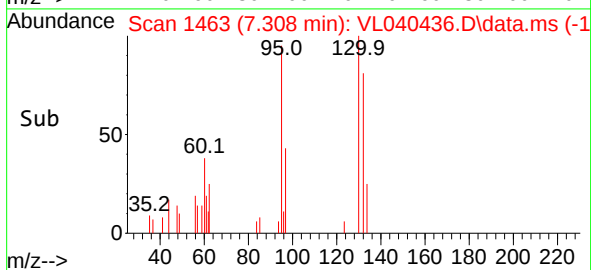
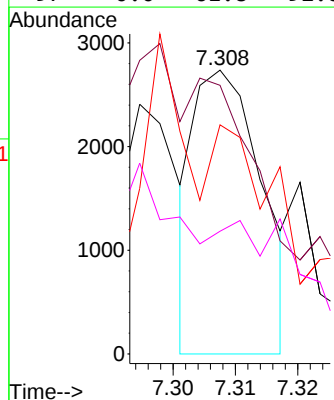
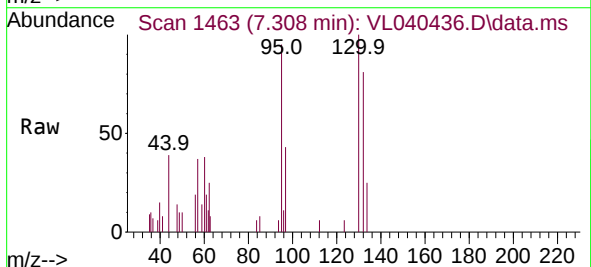
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

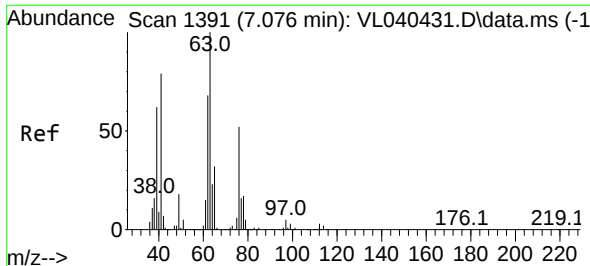
Tgt Ion: 62 Resp: 3633
Ion Ratio Lower Upper
62 100
98 14.1 4.5 6.7#



#38
Trichloroethene
Concen: 0.016 ppbv
RT: 7.308 min Scan# 1463
Delta R.T. -0.003 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

Tgt Ion:130 Resp: 2061
Ion Ratio Lower Upper
130 100
95 96.8 94.8 142.2
132 26.1 78.2 117.4#
97 0.0 61.8 92.8#





#39

1,2-Dichloropropane

Concen: 8.172 ppbv

RT: 6.664 min Scan# 11

Delta R.T. -0.424 min

Lab File: VL040436.D

Acq: 16 May 2023 12:53

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.03

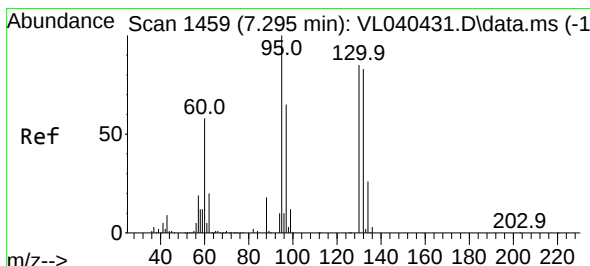
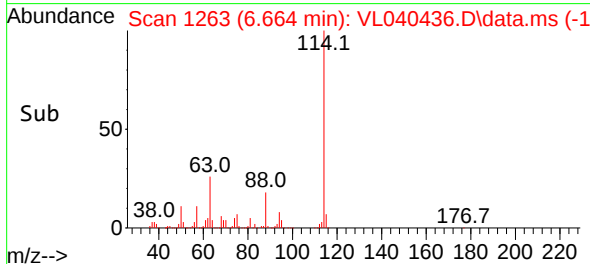
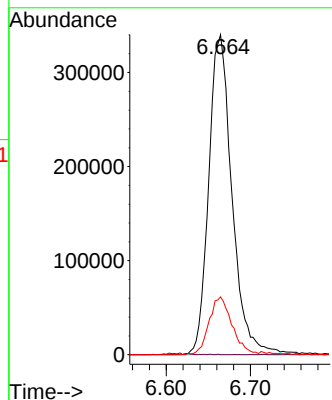
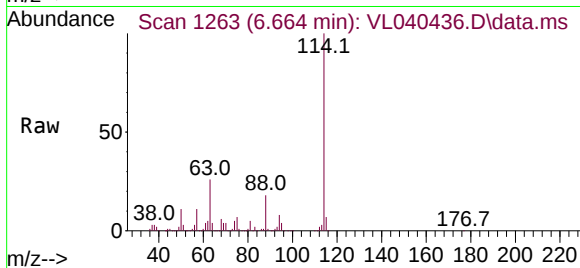
Tgt Ion: 63 Resp: 651798

Ion Ratio Lower Upper

63 100

41 0.0 63.3 94.9#

62 18.1 54.2 81.4#



#40

1,4-Dioxane

Concen: 0.002 ppbv

RT: 7.269 min Scan# 1451

Delta R.T. -0.035 min

Lab File: VL040436.D

Acq: 16 May 2023 12:53

Tgt Ion: 88 Resp: 74

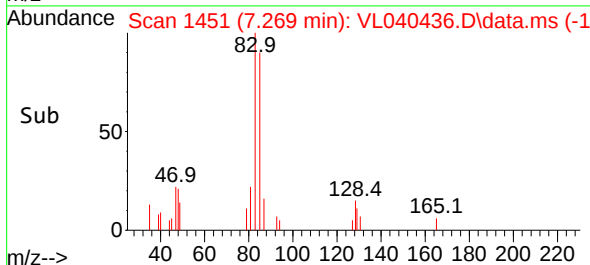
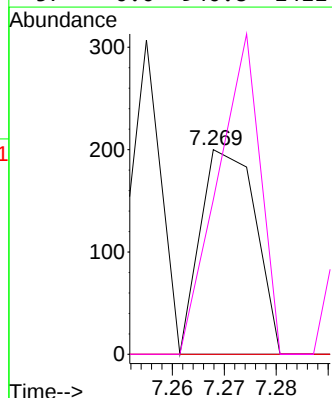
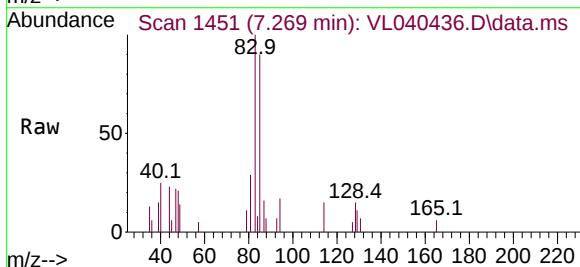
Ion Ratio Lower Upper

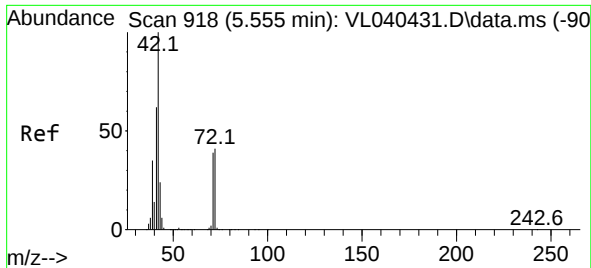
88 100

58 0.0 101.5 152.3#

43 0.0 211.7 317.5#

57 0.0 940.8 1411.2#

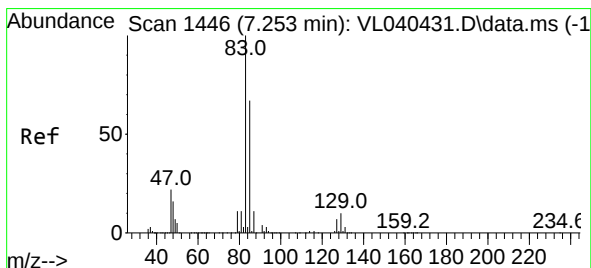
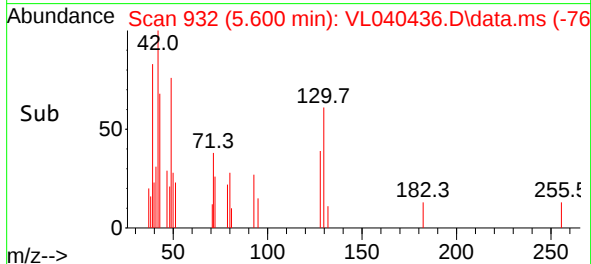
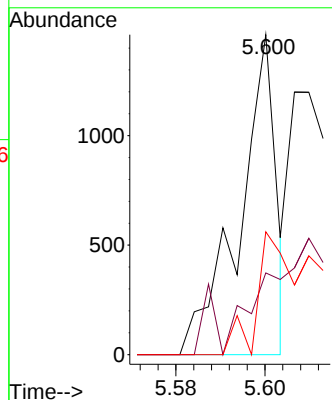
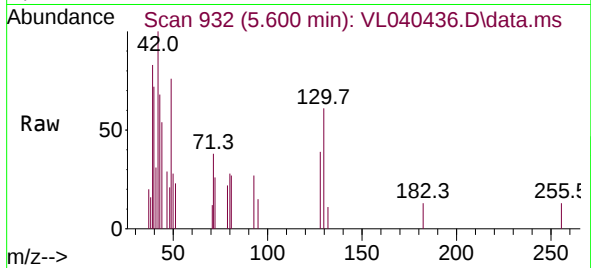




#41
Tetrahydrofuran
Concen: 0.011 ppbv
RT: 5.600 min Scan# 918
Delta R.T. 0.032 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

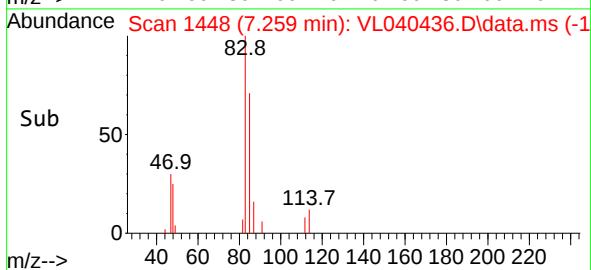
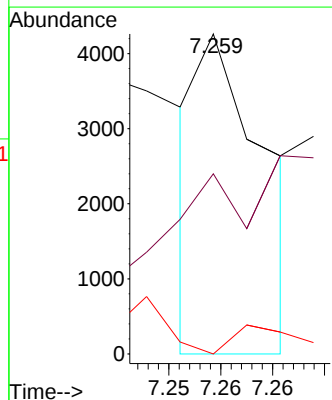
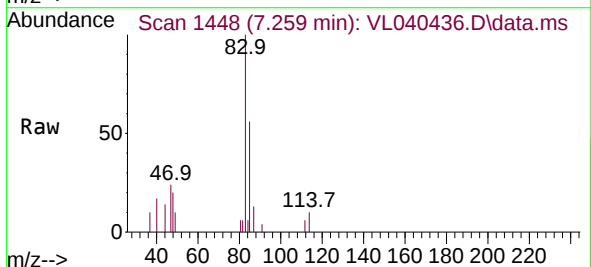
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

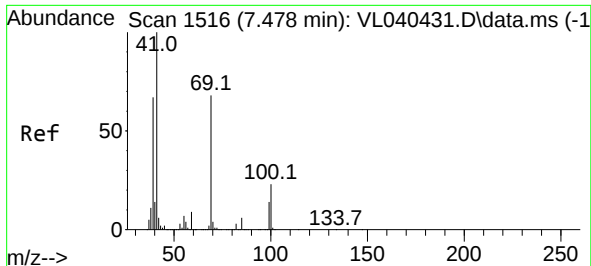
Tgt Ion: 42 Resp: 836
Ion Ratio Lower Upper
42 100
72 0.0 33.0 49.4#
71 0.0 32.2 48.2#



#42
Bromodichloromethane
Concen: 0.010 ppbv
RT: 7.259 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

Tgt Ion: 83 Resp: 1883
Ion Ratio Lower Upper
83 100
85 37.4 53.6 80.4#
127 0.0 5.9 8.9#





#43

Methyl Methacrylate

Concen: 0.005 ppbv

RT: 7.484 min Scan# 1

Delta R.T. -0.006 min

Lab File: VL040436.D

Acq: 16 May 2023 12:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

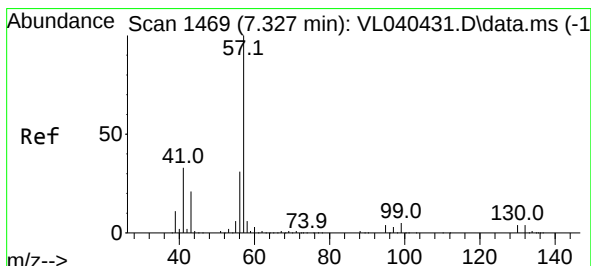
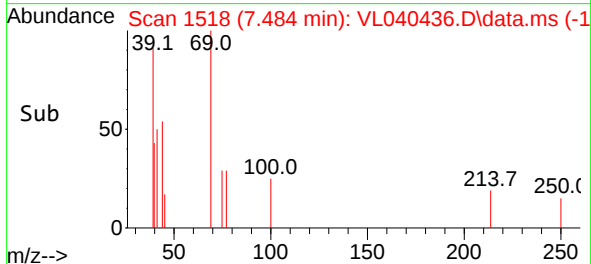
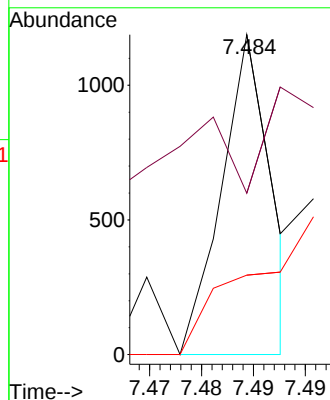
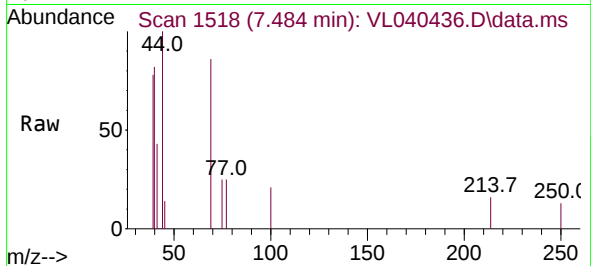
Tgt Ion: 69 Resp: 399

Ion Ratio Lower Upper

69 100

41 0.0 114.8 172.2#

100 0.0 25.4 38.0#



#44

2,2,4-Trimethylpentane

Concen: 0.006 ppbv

RT: 7.336 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VL040436.D

Acq: 16 May 2023 12:53

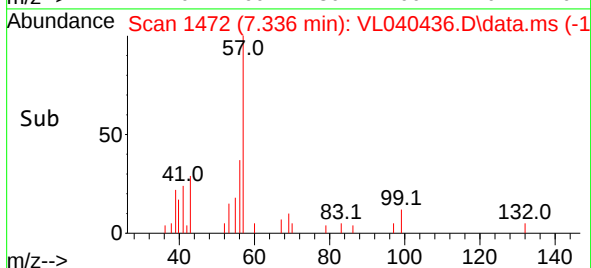
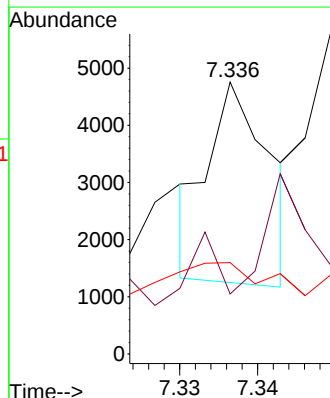
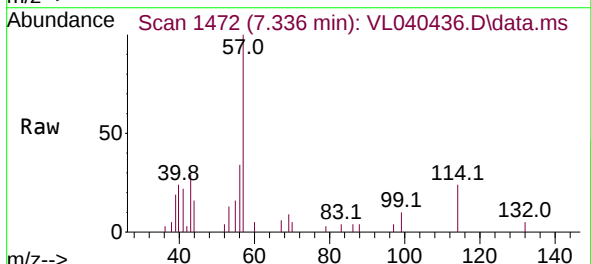
Tgt Ion: 57 Resp: 1901

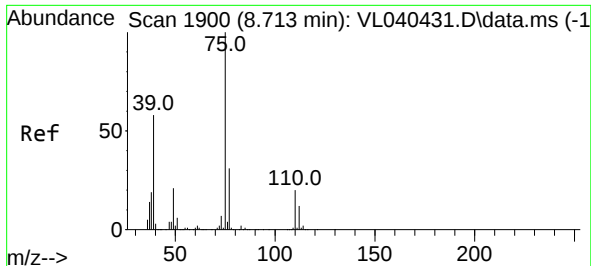
Ion Ratio Lower Upper

57 100

41 0.0 27.0 40.4#

56 213.6 25.0 37.4#

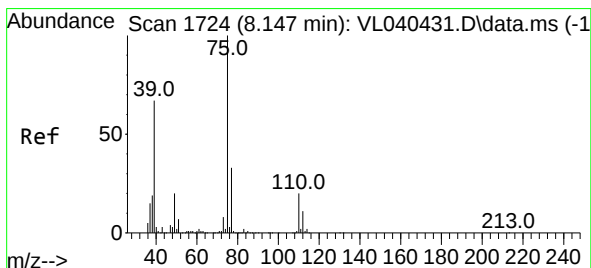
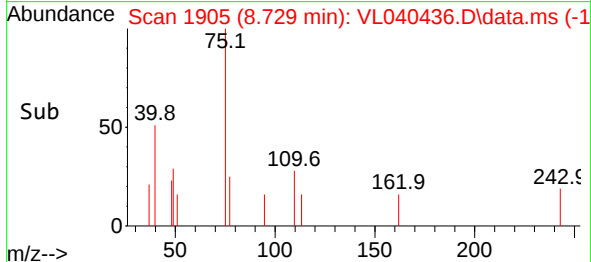
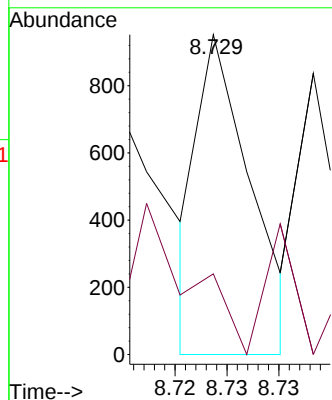
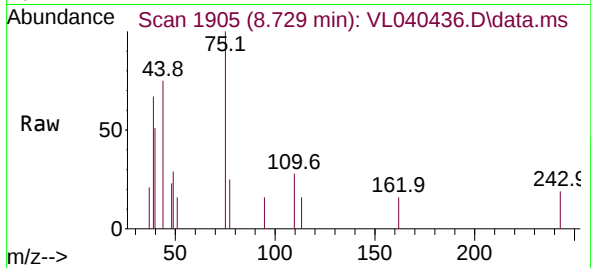




#45
t-1,3-Dichloropropene
Concen: 0.005 ppbv
RT: 8.729 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

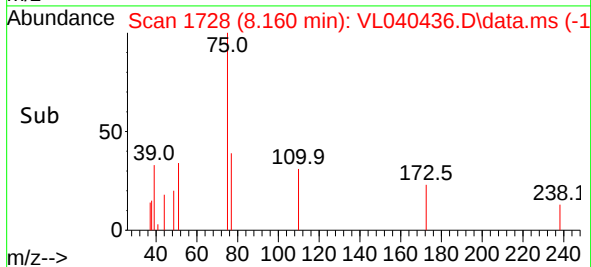
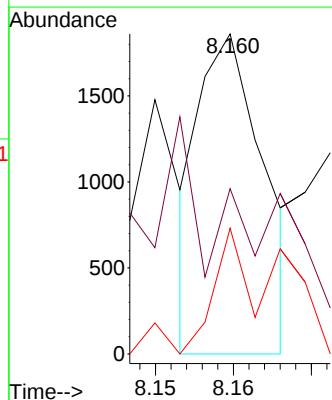
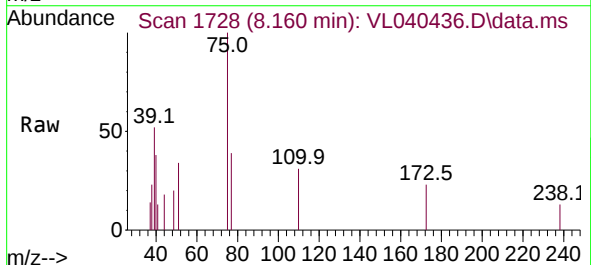
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

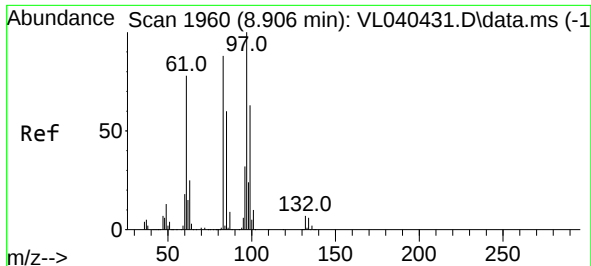
Tgt Ion: 75 Resp: 336
Ion Ratio Lower Upper
75 100
77 25.2 25.0 37.6



#46
cis-1,3-Dichloropropene
Concen: 0.012 ppbv
RT: 8.160 min Scan# 1728
Delta R.T. -0.003 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

Tgt Ion: 75 Resp: 1074
Ion Ratio Lower Upper
75 100
39 2.8 53.8 80.8#
77 35.7 26.3 39.5

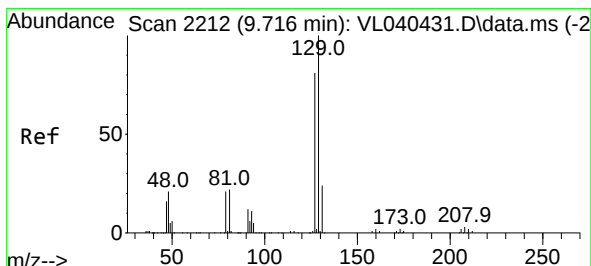
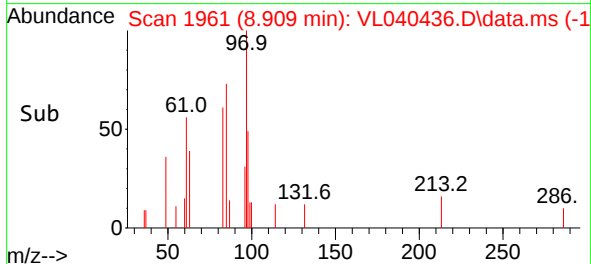
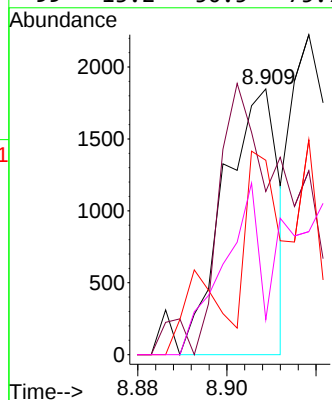
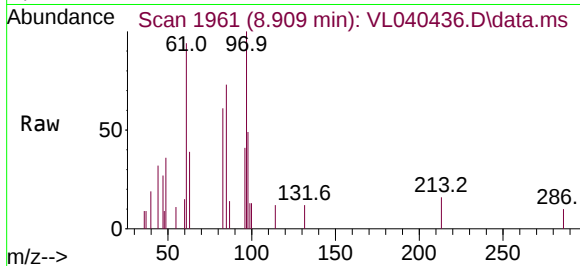




#47
1,1,2-Trichloroethane
Concen: 0.018 ppbv
RT: 8.909 min Scan# 1960
Delta R.T. -0.013 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

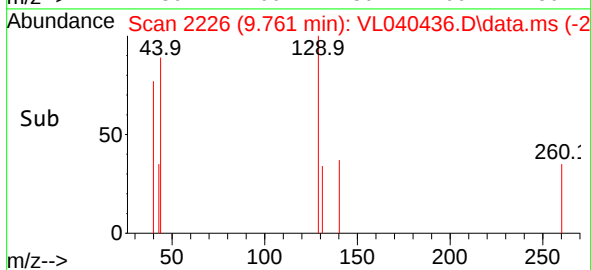
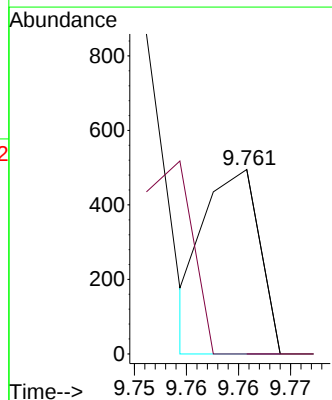
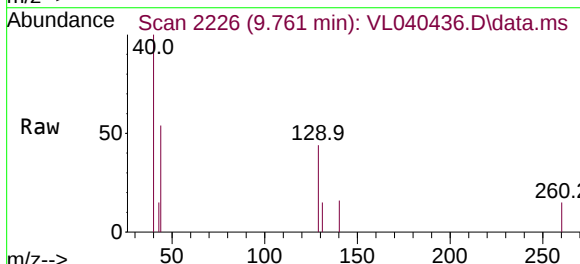
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

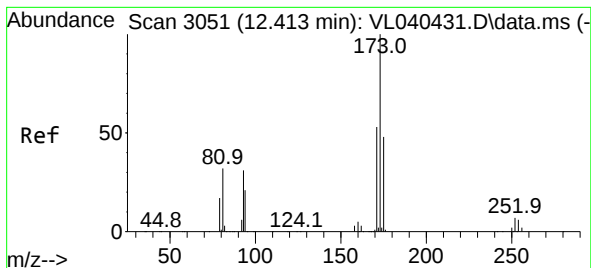
Tgt Ion: 97 Resp: 1562
Ion Ratio Lower Upper
97 100
83 47.9 70.3 105.5#
85 59.9 47.7 71.5
99 13.2 50.5 75.7#



#48
Dibromochloromethane
Concen: 0.001 ppbv
RT: 9.761 min Scan# 2226
Delta R.T. 0.029 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

Tgt Ion: 129 Resp: 179
Ion Ratio Lower Upper
129 100
127 65.9 39.2 117.6





#49

Bromoform

Concen: 0.005 ppbv

RT: 12.417 min Scan# 3051

Delta R.T. -0.016 min

Lab File: VL040436.D

Acq: 16 May 2023 12:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

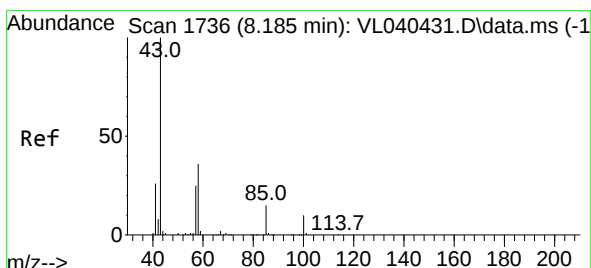
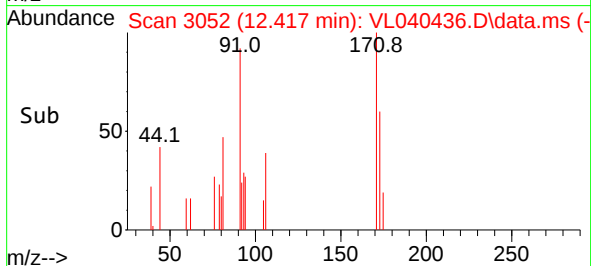
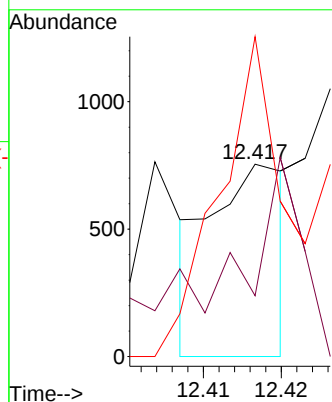
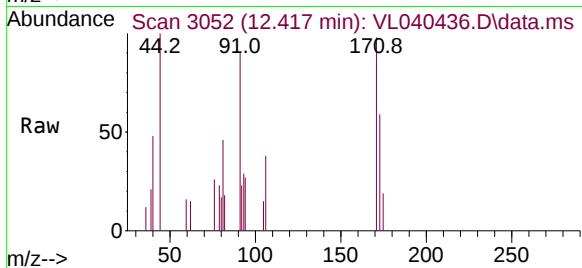
Tgt Ion:173 Resp: 506

Ion Ratio Lower Upper

173 100

175 196.4 39.4 59.2#

171 323.7 42.0 63.0#



#50

4-Methyl-2-Pentanone

Concen: 0.001 ppbv

RT: 8.198 min Scan# 1740

Delta R.T. 0.000 min

Lab File: VL040436.D

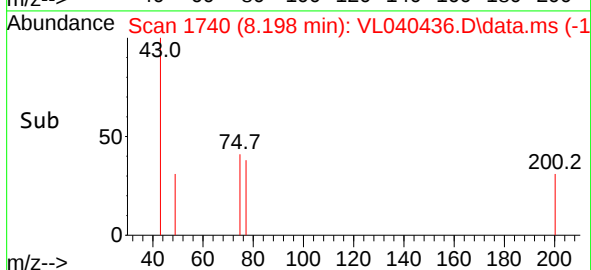
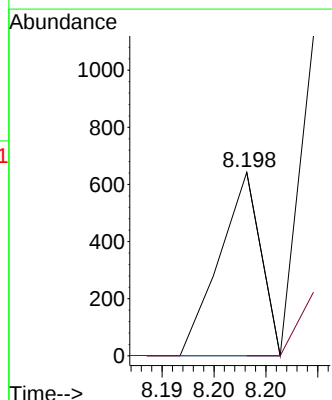
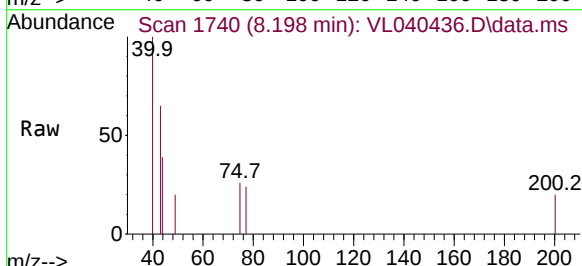
Acq: 16 May 2023 12:53

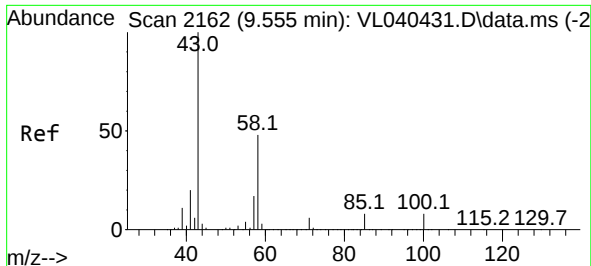
Tgt Ion: 43 Resp: 178

Ion Ratio Lower Upper

43 100

58 0.0 28.8 43.2#

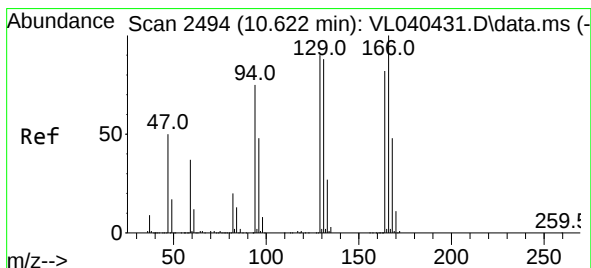
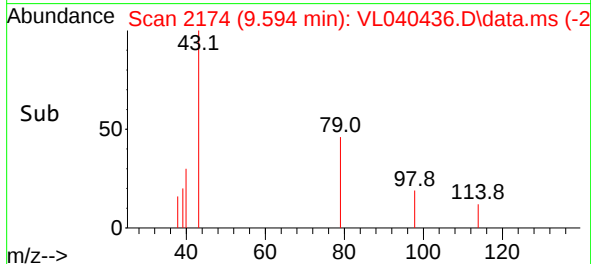
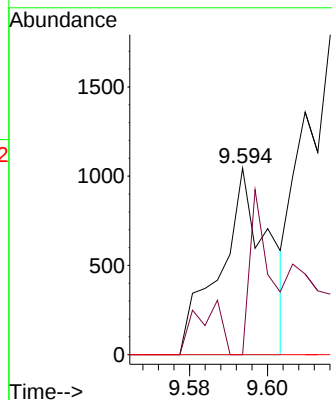
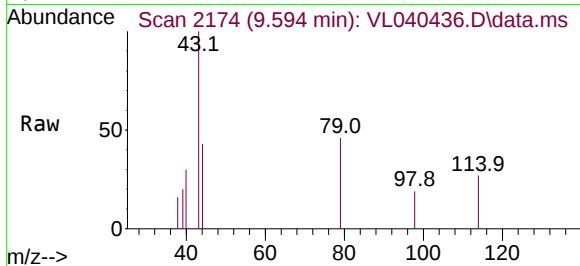




#51
2-Hexanone
Concen: 0.006 ppbv
RT: 9.594 min Scan# 2162
Delta R.T. 0.026 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

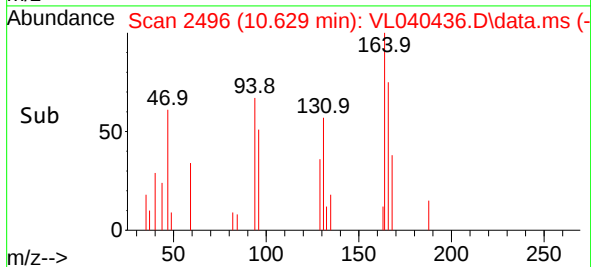
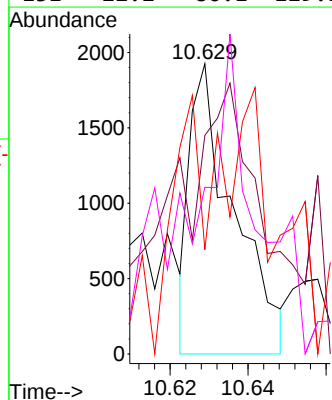
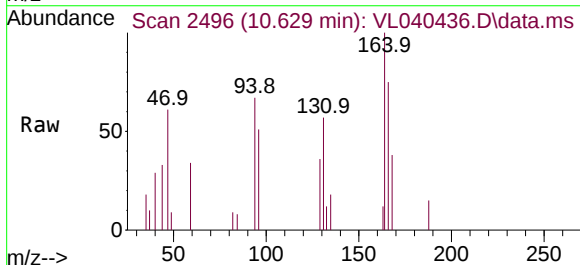
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

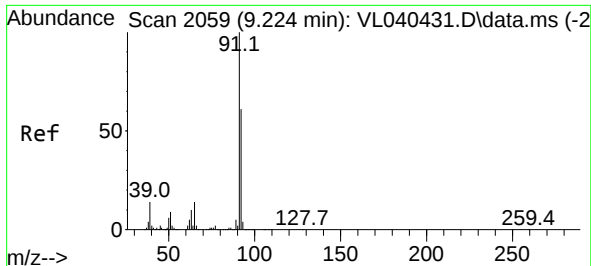
Tgt Ion: 43 Resp: 892
Ion Ratio Lower Upper
43 100
58 169.5 38.5 57.7#
98 9.4 0.2 0.4#



#52
Tetrachloroethene
Concen: 0.022 ppbv
RT: 10.629 min Scan# 2496
Delta R.T. -0.010 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

Tgt Ion: 164 Resp: 1505
Ion Ratio Lower Upper
164 100
166 47.3 97.8 146.6#
129 0.0 88.4 132.6#
131 22.2 86.1 129.1#

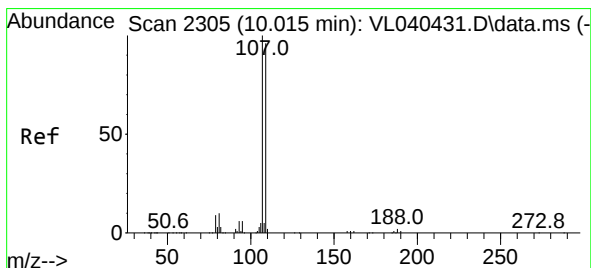
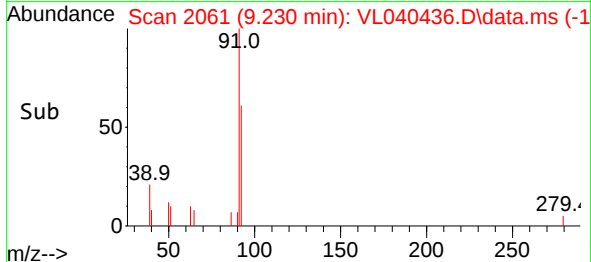
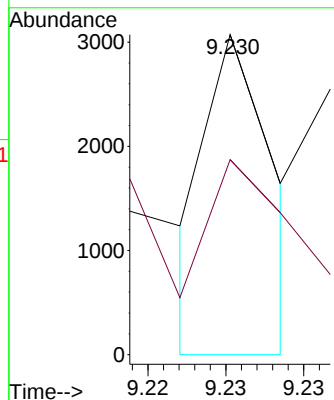
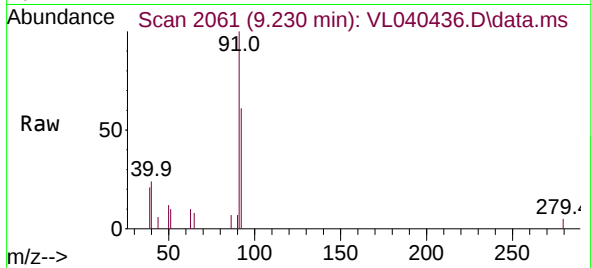




#53
Toluene
Concen: 0.004 ppbv
RT: 9.230 min Scan# 2059
Delta R.T. -0.013 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

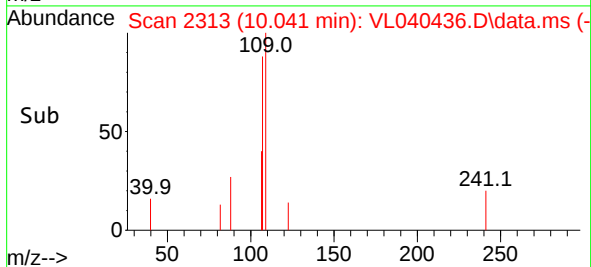
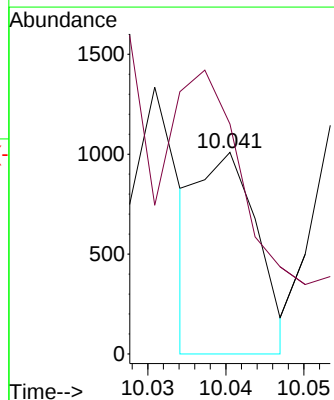
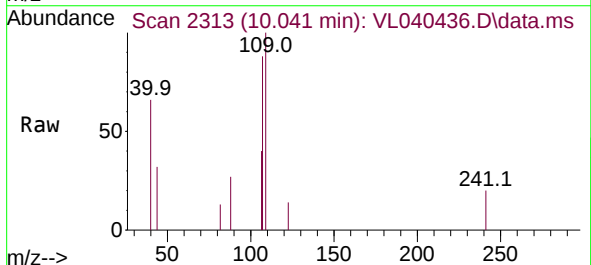
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

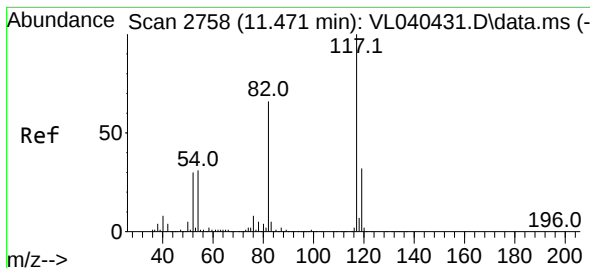
Tgt Ion: 91 Resp: 910
Ion Ratio Lower Upper
91 100
92 402.9 49.1 73.7#



#54
1,2-Dibromoethane
Concen: 0.006 ppbv
RT: 10.041 min Scan# 2313
Delta R.T. 0.010 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

Tgt Ion: 107 Resp: 528
Ion Ratio Lower Upper
107 100
109 86.2 76.7 115.1

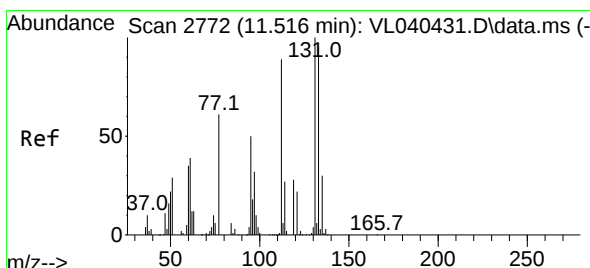
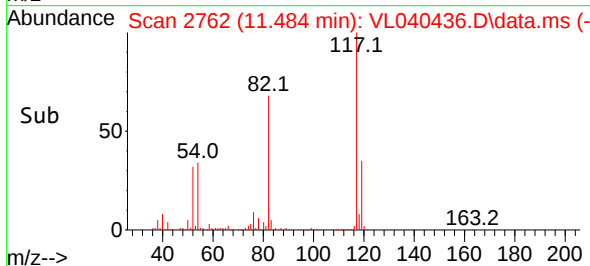
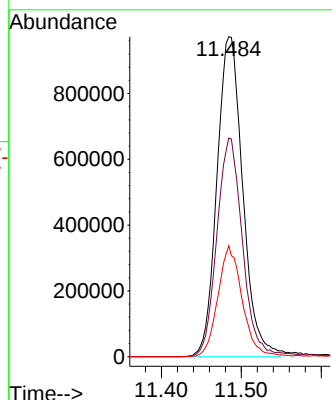
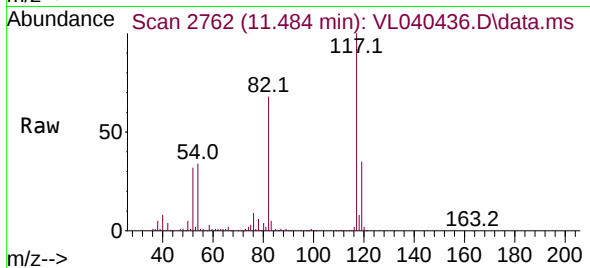




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.484 min Scan# 2177022
Delta R.T. -0.006 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

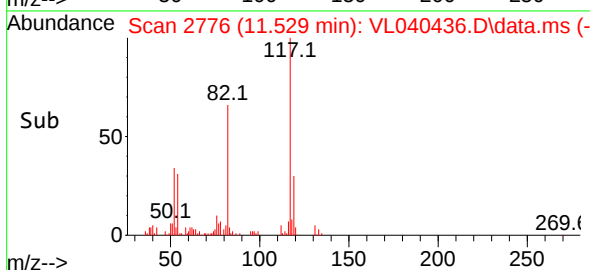
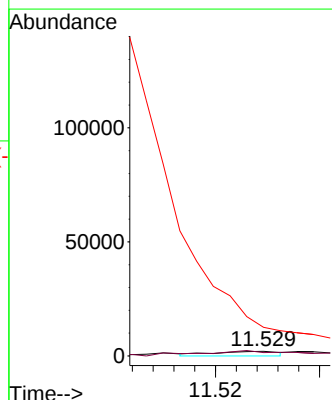
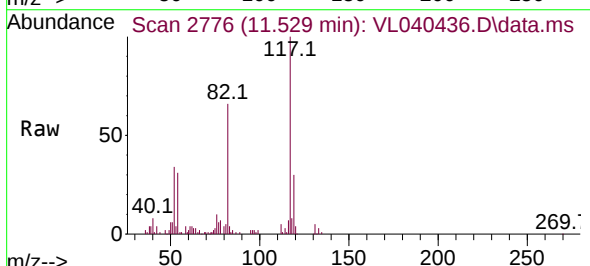
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

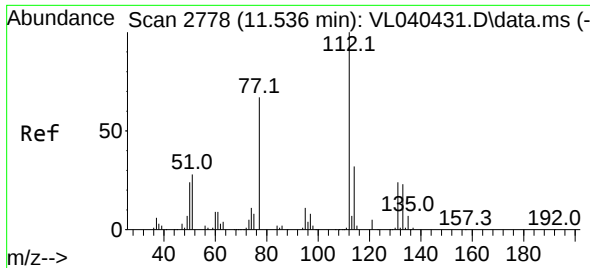
Tgt Ion:117 Resp: 2177022
Ion Ratio Lower Upper
117 100
82 68.5 52.5 78.7
119 32.8 24.0 36.0



#56
1,1,1,2-Tetrachloroethane
Concen: 0.018 ppbv
RT: 11.529 min Scan# 2776
Delta R.T. 0.000 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

Tgt Ion:131 Resp: 1809
Ion Ratio Lower Upper
131 100
133 243.8 75.8 113.8#
119 0.0 48.7 73.1#

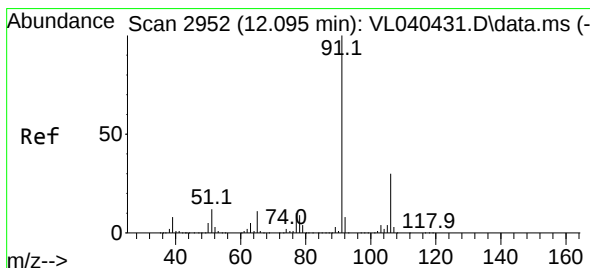
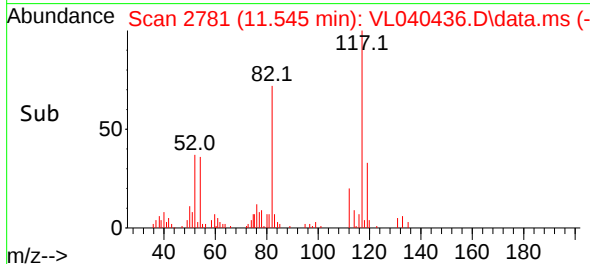
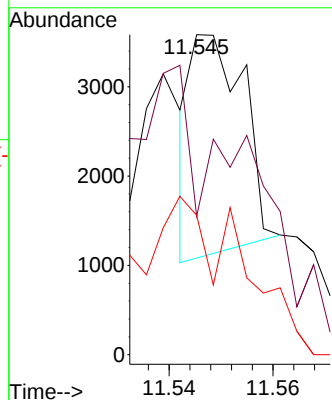
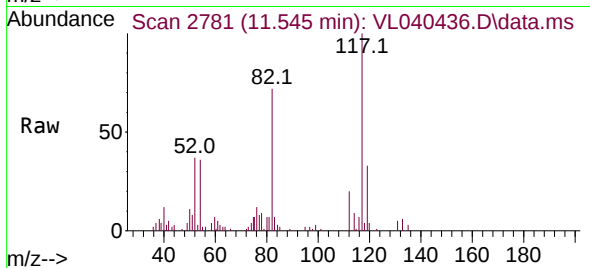




#57
Chlorobenzene
Concen: 0.010 ppbv
RT: 11.545 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

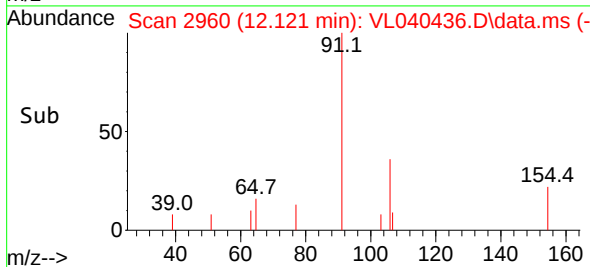
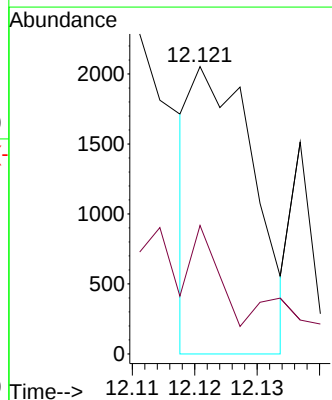
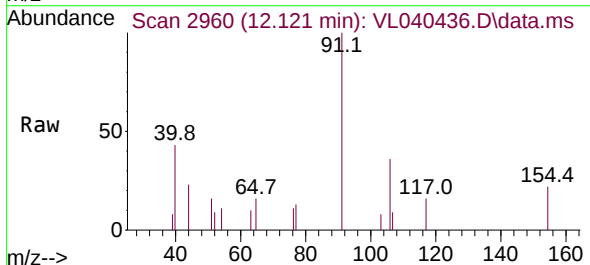
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

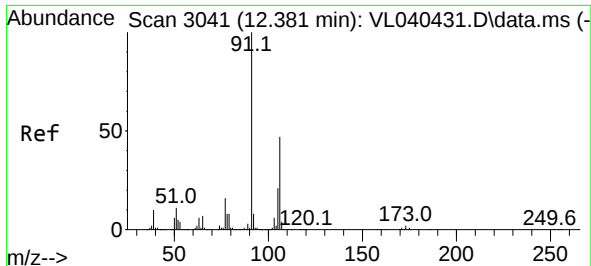
Tgt Ion:112 Resp: 1734
Ion Ratio Lower Upper
112 100
77 0.0 54.7 82.1#
114 43.5 29.0 35.4#



#58
Ethyl Benzene
Concen: 0.005 ppbv
RT: 12.121 min Scan# 2960
Delta R.T. 0.010 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

Tgt Ion: 91 Resp: 1417
Ion Ratio Lower Upper
91 100
106 34.6 23.8 35.8





#59

m/p-Xylene

Concen: 0.009 ppbv

RT: 12.388 min Scan# 3043

Delta R.T. -0.009 min

Lab File: VL040436.D

Acq: 16 May 2023 12:53

Instrument :

MSVOA_L

ClientSampleId :

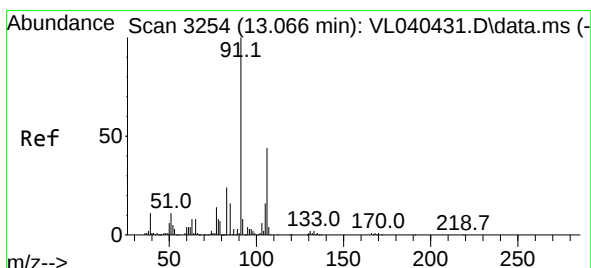
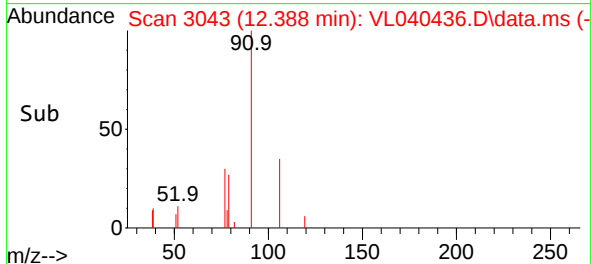
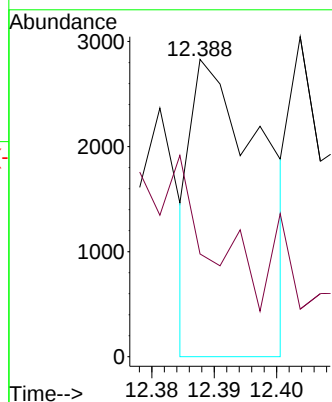
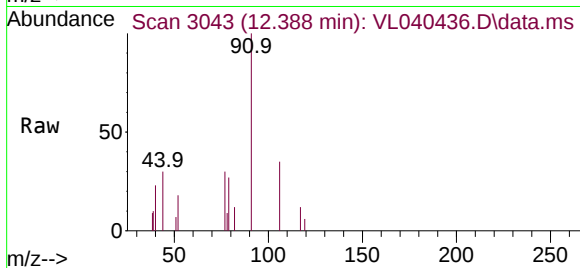
VSTDIC0.03

Tgt Ion: 91 Resp: 2200

Ion Ratio Lower Upper

91 100

106 126.2 34.9 52.3#



#60

o-Xylene

Concen: 0.001 ppbv

RT: 13.044 min Scan# 3247

Delta R.T. -0.038 min

Lab File: VL040436.D

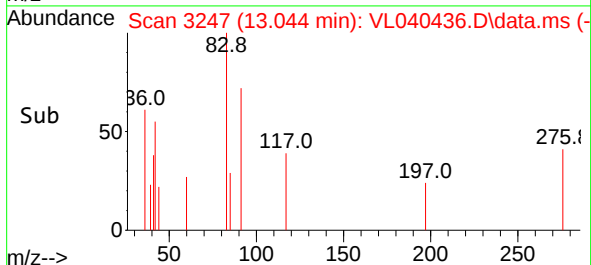
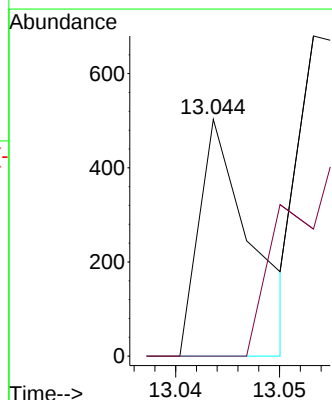
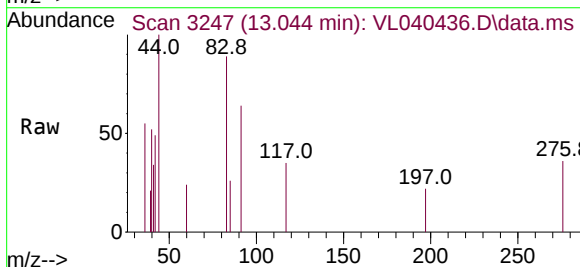
Acq: 16 May 2023 12:53

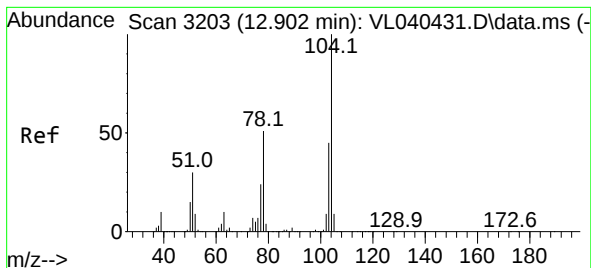
Tgt Ion: 91 Resp: 179

Ion Ratio Lower Upper

91 100

106 41.9 21.8 65.4





#61

Styrene

Concen: 0.006 ppbv

RT: 12.912 min Scan# 31

Delta R.T. -0.010 min

Lab File: VL040436.D

Acq: 16 May 2023 12:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

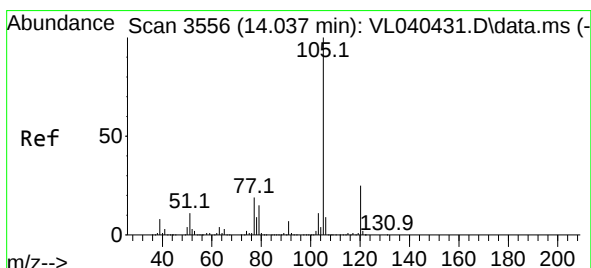
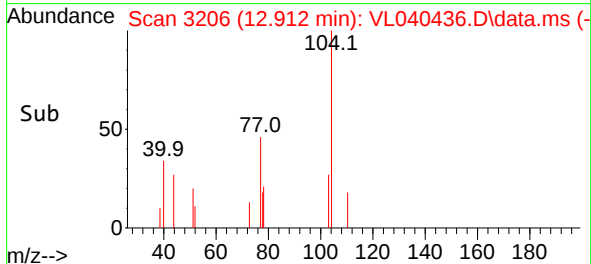
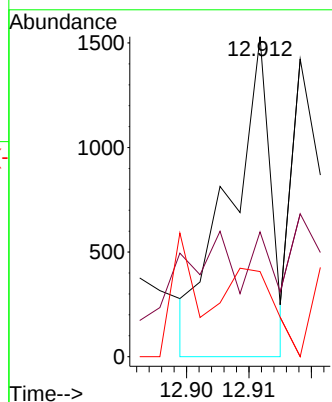
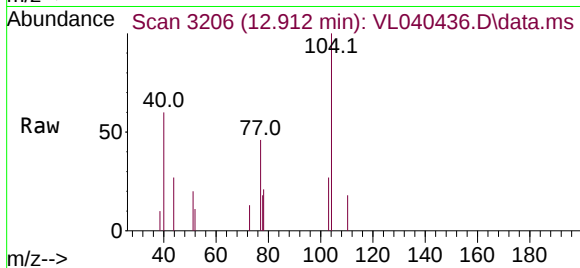
Tgt Ion:104 Resp: 701

Ion Ratio Lower Upper

104 100

78 0.0 43.3 64.9#

103 0.0 37.4 56.2#



#62

Isopropylbenzene

Concen: 0.007 ppbv

RT: 14.053 min Scan# 3561

Delta R.T. -0.003 min

Lab File: VL040436.D

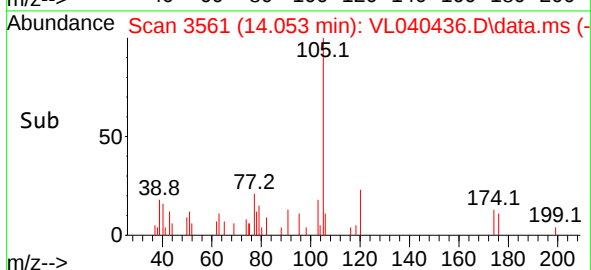
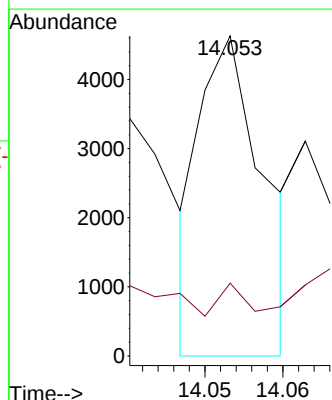
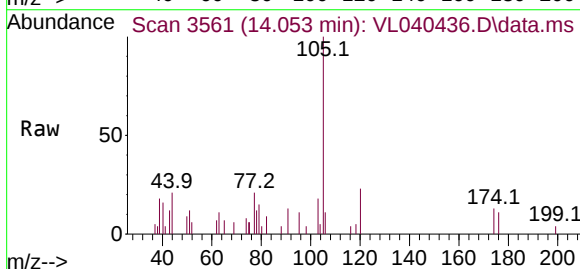
Acq: 16 May 2023 12:53

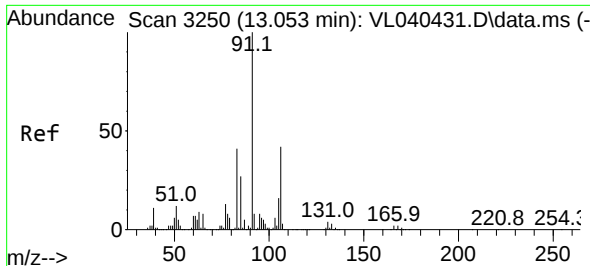
Tgt Ion:105 Resp: 2615

Ion Ratio Lower Upper

105 100

120 0.0 20.0 30.0#

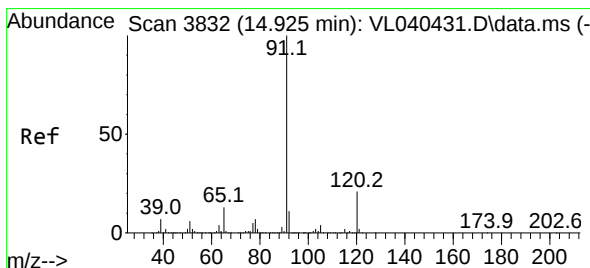
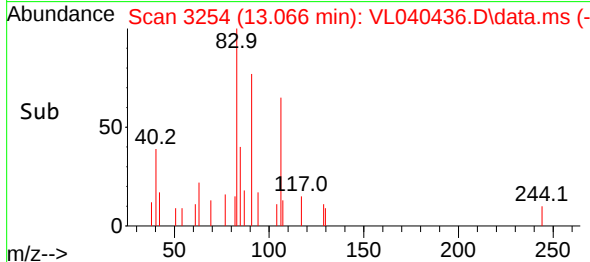
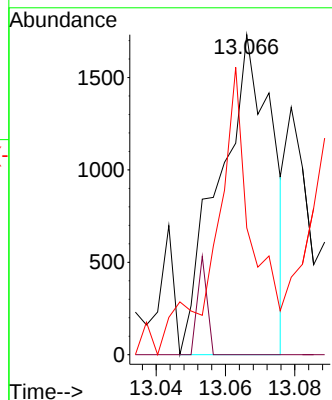
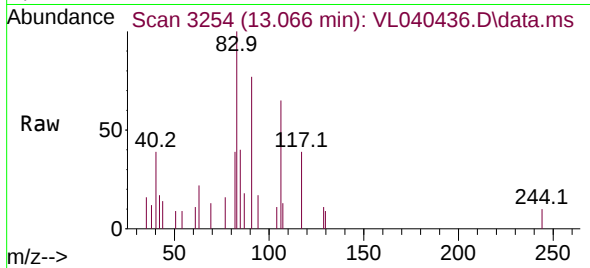




#63
1,1,2,2-Tetrachloroethane
Concen: 0.021 ppbv
RT: 13.066 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

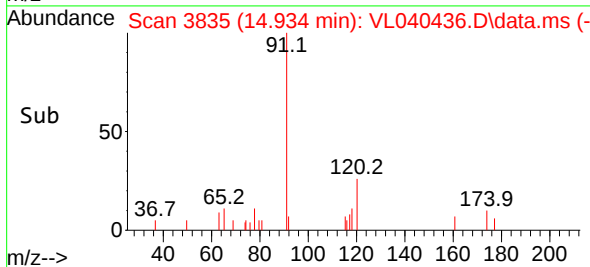
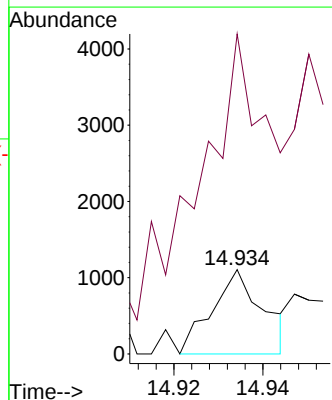
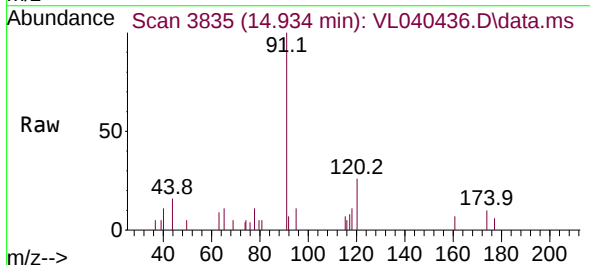
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

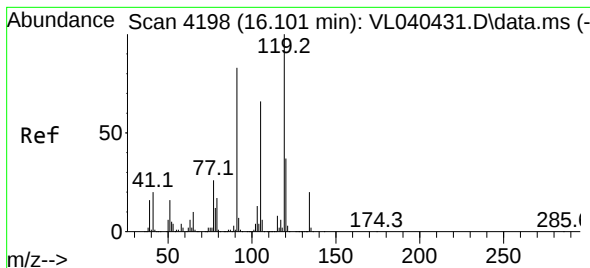
Tgt Ion: 83 Resp: 1843
Ion Ratio Lower Upper
83 100
131 0.0 4.5 13.5#
85 63.6 33.0 99.0



#64
n-propylbenzene
Concen: 0.010 ppbv
RT: 14.934 min Scan# 3835
Delta R.T. -0.010 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

Tgt Ion:120 Resp: 876
Ion Ratio Lower Upper
120 100
91 1064.7 393.2 589.8#

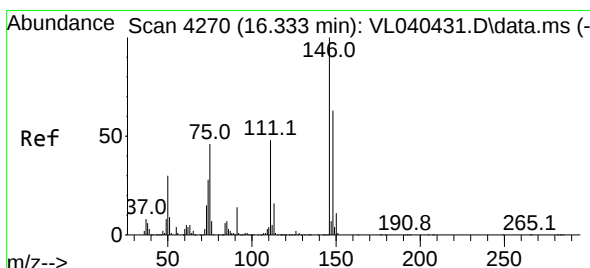
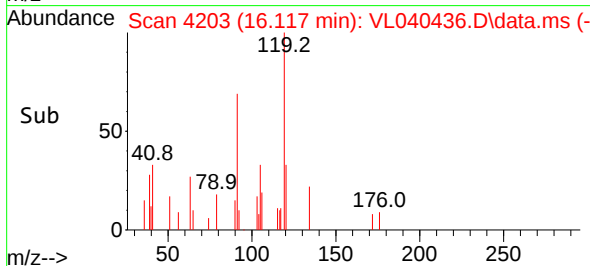
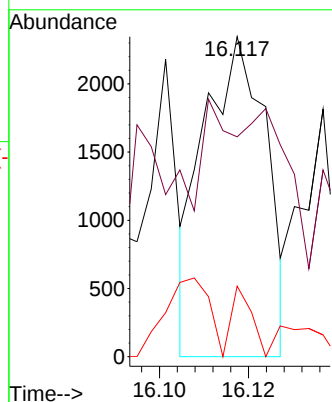
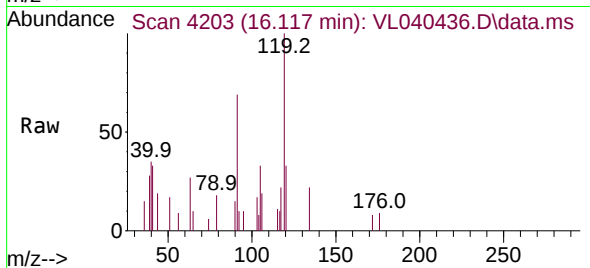




#65
tert-Butylbenzene
Concen: 0.007 ppbv
RT: 16.117 min Scan# 4198
Delta R.T. 0.000 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

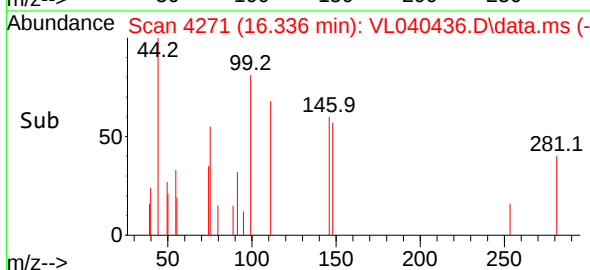
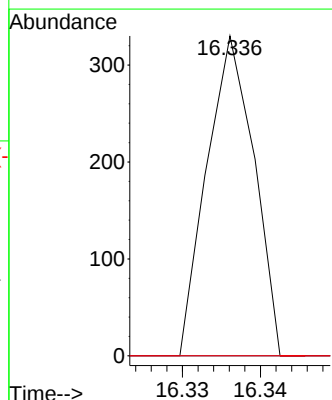
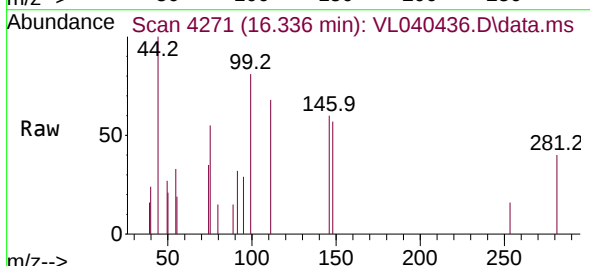
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

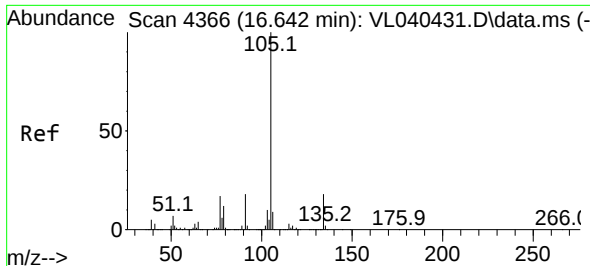
Tgt Ion: 119 Resp: 2293
Ion Ratio Lower Upper
119 100
91 246.9 69.8 104.6#
134 37.5 15.4 23.2#



#66
Benzyl Chloride
Concen: 0.008 ppbv
RT: 16.336 min Scan# 4271
Delta R.T. -0.016 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

Tgt Ion: 91 Resp: 139
Ion Ratio Lower Upper
91 100
126 0.0 12.6 19.0#
128 0.0 3.9 5.9#

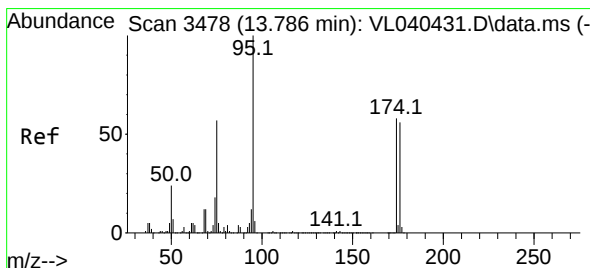
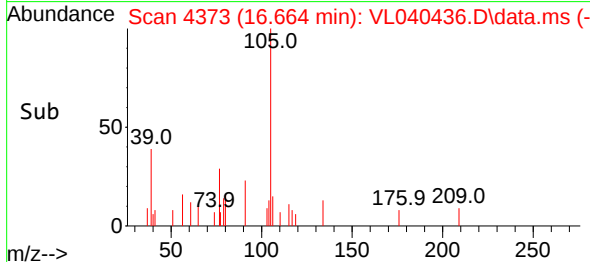
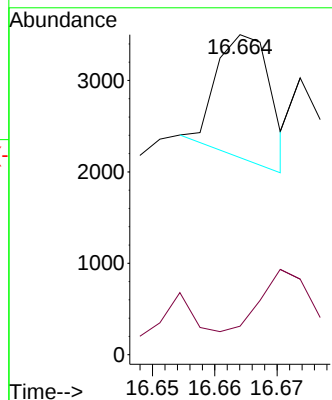
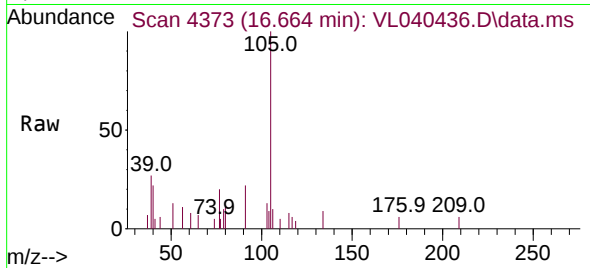




#67
 sec-Butylbenzene
 Concen: 0.002 ppbv
 RT: 16.664 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040436.D
 Acq: 16 May 2023 12:53

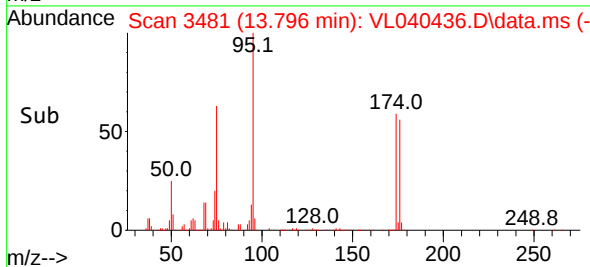
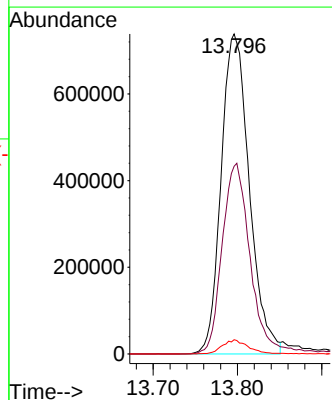
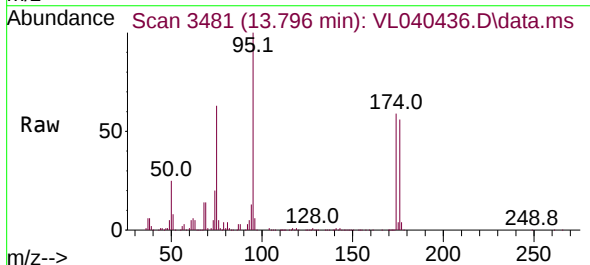
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

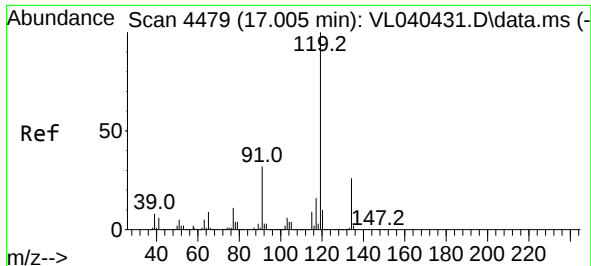
Tgt Ion:105 Resp: 782
 Ion Ratio Lower Upper
 105 100
 134 0.0 14.1 21.1#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.787 ppbv
 RT: 13.796 min Scan# 3481
 Delta R.T. -0.003 min
 Lab File: VL040436.D
 Acq: 16 May 2023 12:53

Tgt Ion: 95 Resp: 1713286
 Ion Ratio Lower Upper
 95 100
 174 61.0 47.0 70.6
 175 4.3 3.4 5.0





#69

p-Isopropyltoluene

Concen: 0.004 ppbv

RT: 17.008 min Scan# 4479

Delta R.T. -0.013 min

Lab File: VL040436.D

Acq: 16 May 2023 12:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

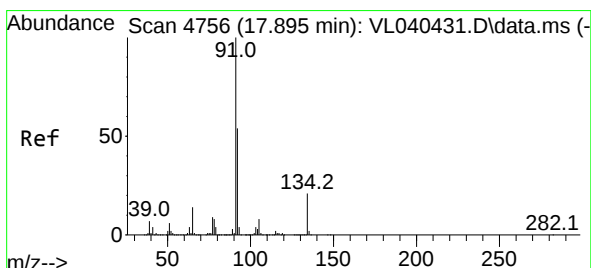
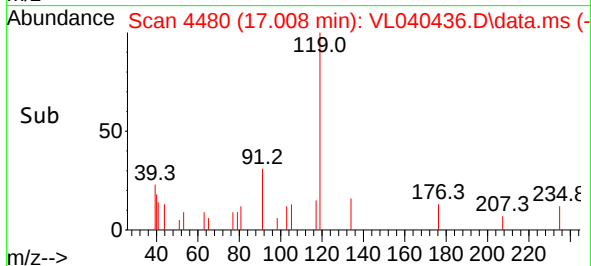
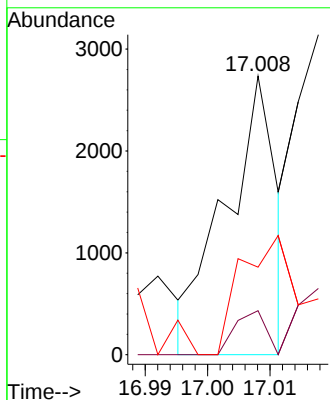
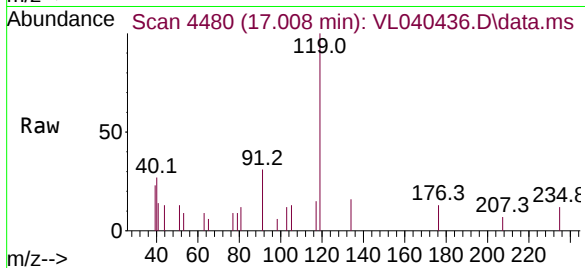
Tgt Ion:119 Resp: 1546

Ion Ratio Lower Upper

119 100

134 0.0 20.2 30.4#

91 132.4 25.4 38.0#



#70

n-Butylbenzene

Concen: 0.003 ppbv

RT: 17.896 min Scan# 4756

Delta R.T. -0.016 min

Lab File: VL040436.D

Acq: 16 May 2023 12:53

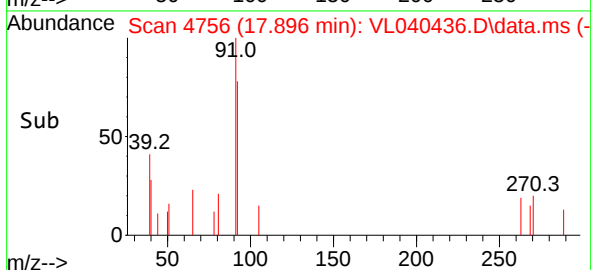
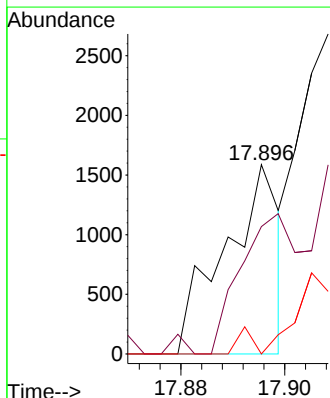
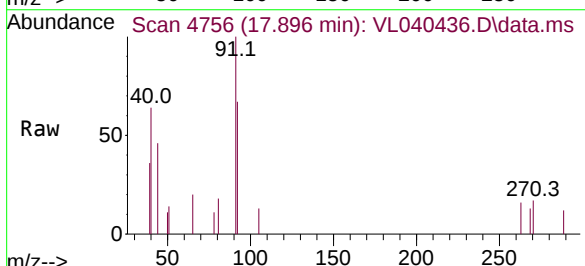
Tgt Ion: 91 Resp: 1160

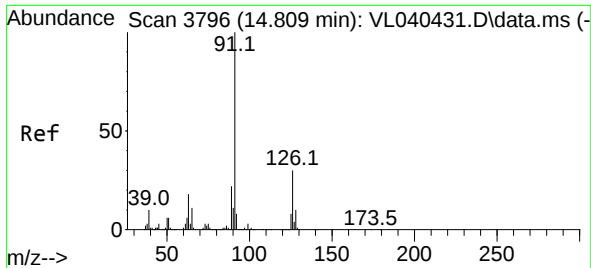
Ion Ratio Lower Upper

91 100

92 0.0 43.2 64.8#

134 0.0 16.9 25.3#

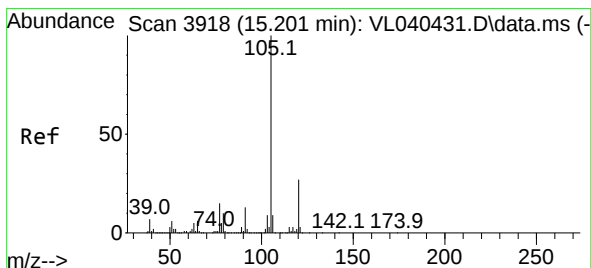
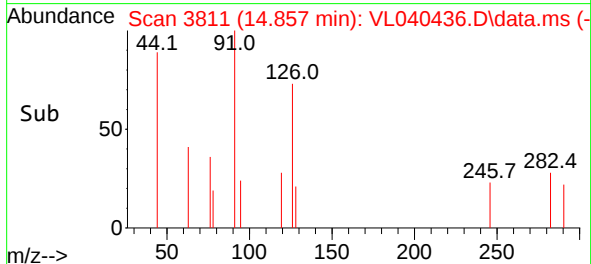
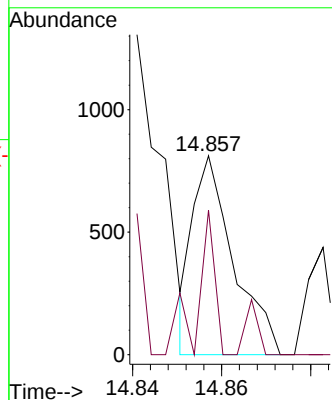
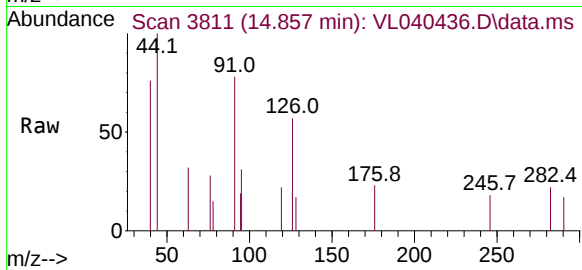




#71
2-Chlorotoluene
Concen: 0.002 ppbv
RT: 14.857 min Scan# 3811
Delta R.T. 0.032 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

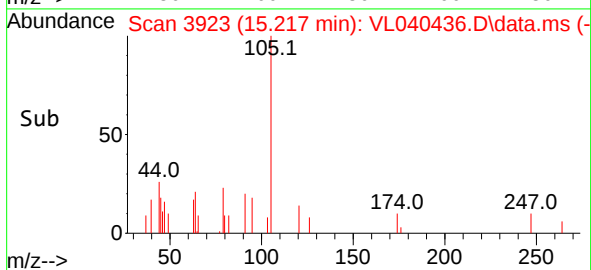
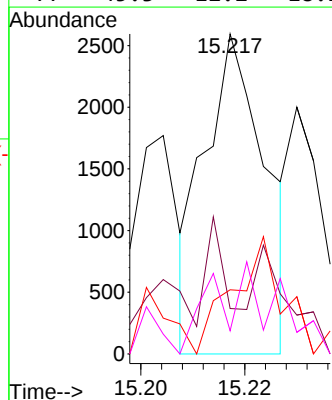
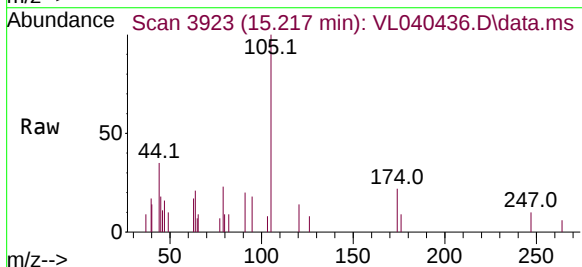
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

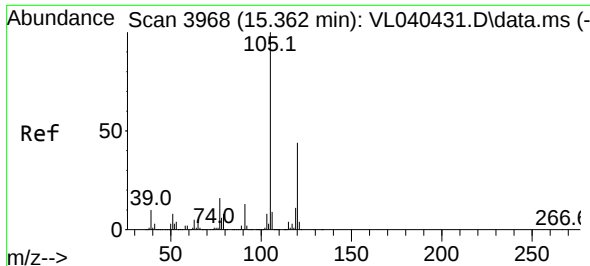
Tgt Ion: 91 Resp: 519
Ion Ratio Lower Upper
91 100
126 39.7 12.0 48.0



#72
4-Ethyltoluene
Concen: 0.008 ppbv
RT: 15.217 min Scan# 3923
Delta R.T. -0.003 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

Tgt Ion: 105 Resp: 2100
Ion Ratio Lower Upper
105 100
120 67.3 23.8 35.8#
91 60.8 11.0 16.4#
77 45.3 12.2 18.2#

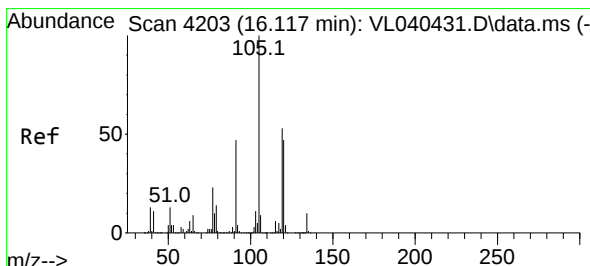
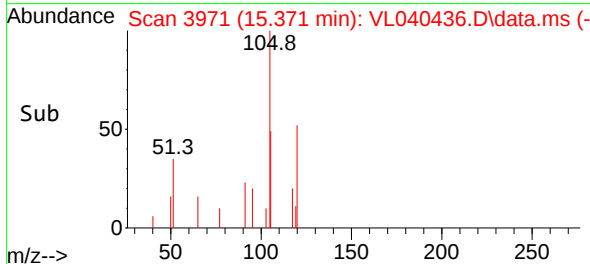
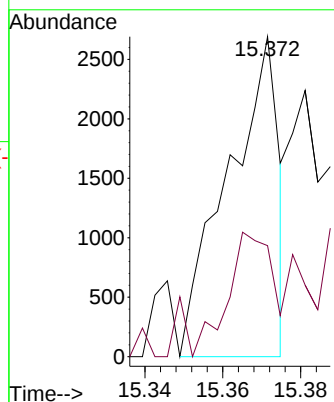
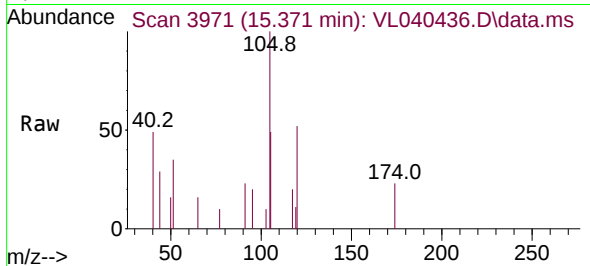




#73
1,3,5-Trimethylbenzene
Concen: 0.010 ppbv
RT: 15.371 min Scan# 3968
Delta R.T. -0.003 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

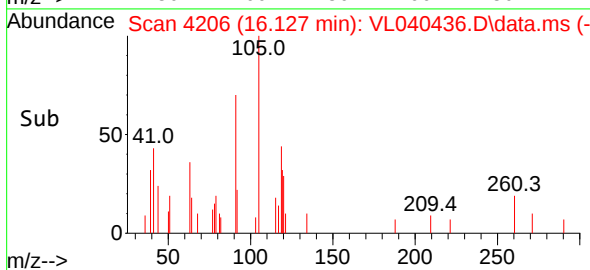
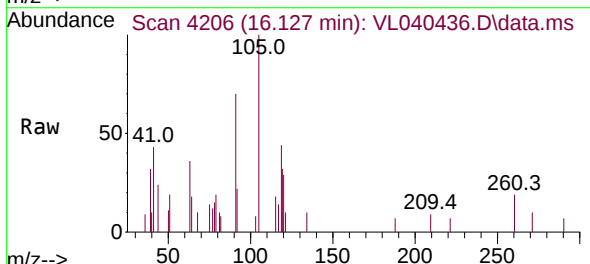
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

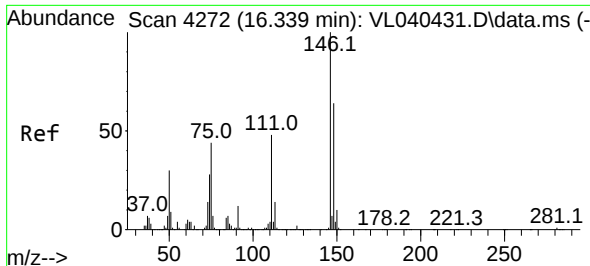
Tgt Ion:105 Resp: 2445
Ion Ratio Lower Upper
105 100
120 21.9 35.2 52.8#



#74
1,2,4-Trimethylbenzene
Concen: 0.004 ppbv
RT: 16.127 min Scan# 4206
Delta R.T. -0.006 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

Tgt Ion:105 Resp: 1270
Ion Ratio Lower Upper
105 100
120 25.8 38.1 57.1#
91 48.3 40.2 60.2
77 18.6 19.0 28.4#

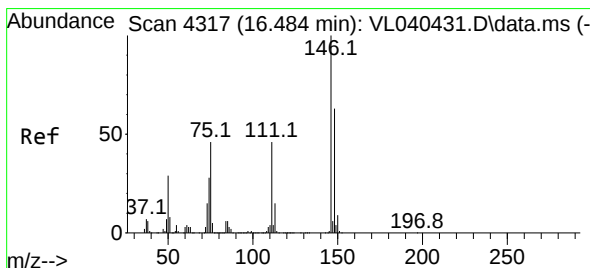
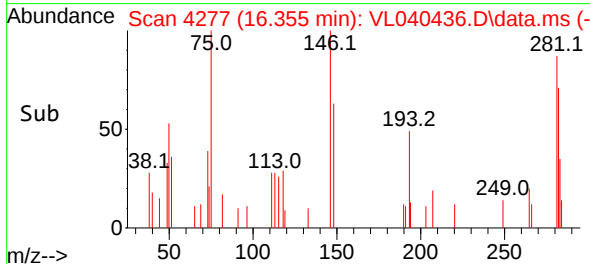
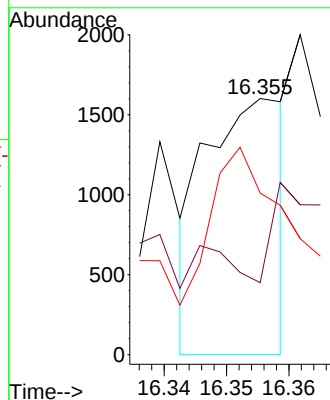
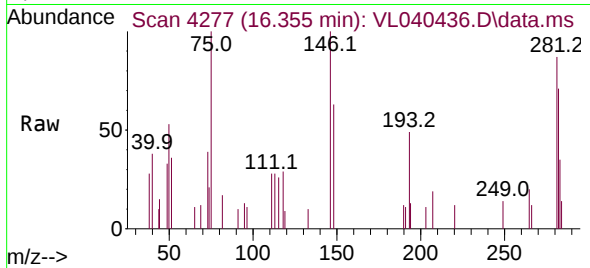




#75
1,3-Dichlorobenzene
Concen: 0.009 ppbv
RT: 16.355 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

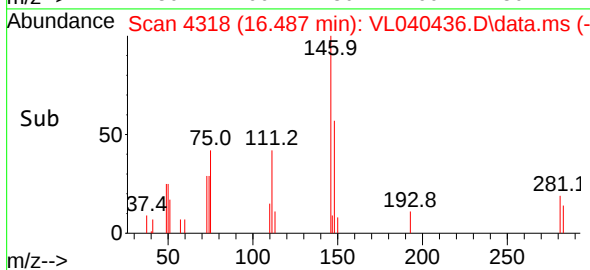
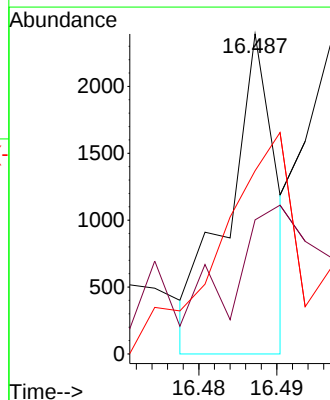
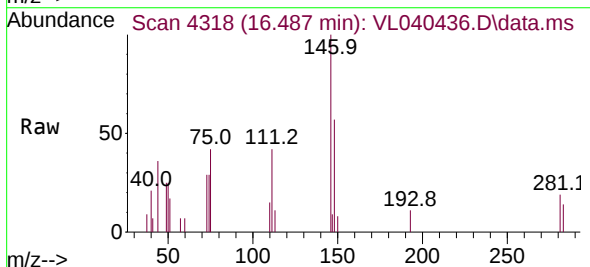
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.03

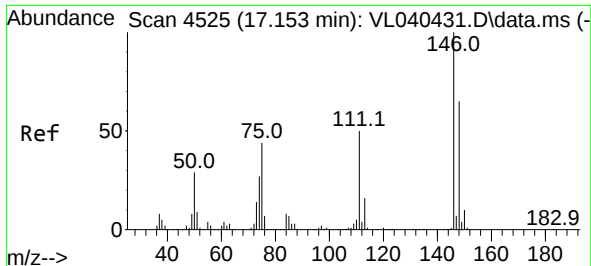
Tgt Ion:146 Resp: 1409
Ion Ratio Lower Upper
146 100
111 0.0 24.6 74.0#
148 0.0 32.1 96.3#



#76
1,4-Dichlorobenzene
Concen: 0.007 ppbv
RT: 16.487 min Scan# 4318
Delta R.T. -0.013 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

Tgt Ion:146 Resp: 1033
Ion Ratio Lower Upper
146 100
111 215.8 24.0 72.0#
148 239.7 32.5 97.4#

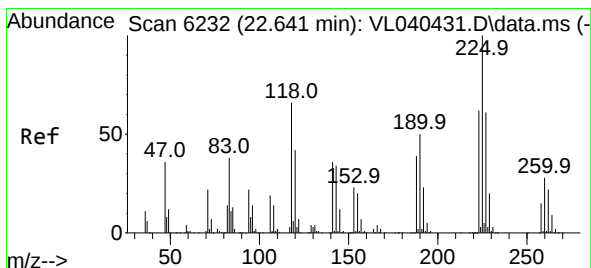
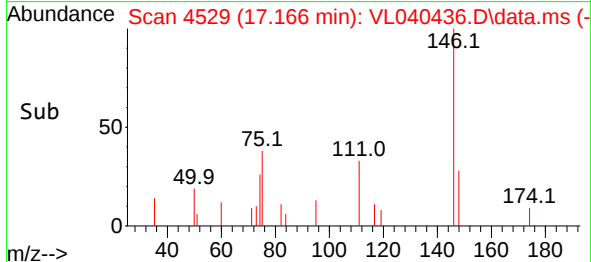
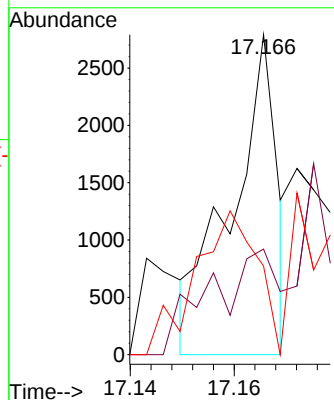
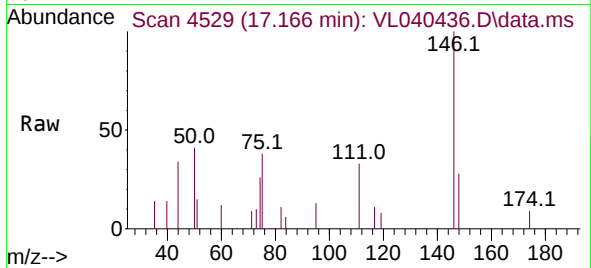




#77
1,2-Dichlorobenzene
Concen: 0.011 ppbv
RT: 17.166 min Scan# 4529
Delta R.T. -0.003 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

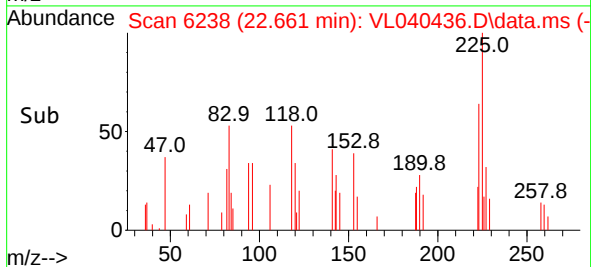
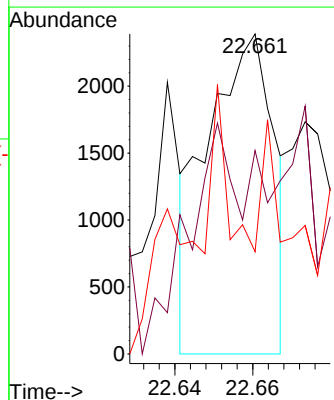
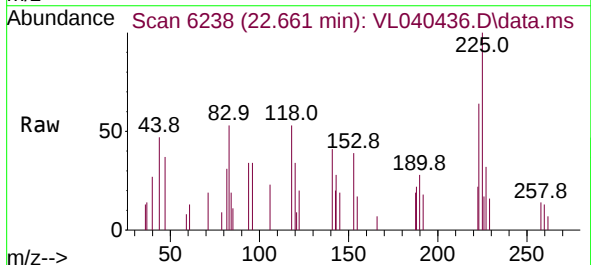
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

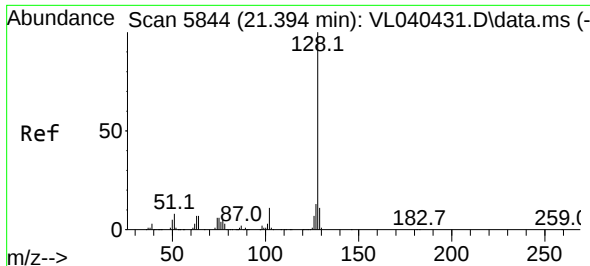
Tgt Ion:146 Resp: 1703
Ion Ratio Lower Upper
146 100
111 0.0 25.2 75.6#
148 0.0 32.1 96.5#



#78
Hexachloro-1,3-Butadiene
Concen: 0.025 ppbv
RT: 22.661 min Scan# 6238
Delta R.T. -0.003 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

Tgt Ion:225 Resp: 2841
Ion Ratio Lower Upper
225 100
223 0.0 51.2 76.8#
227 132.5 51.0 76.6#

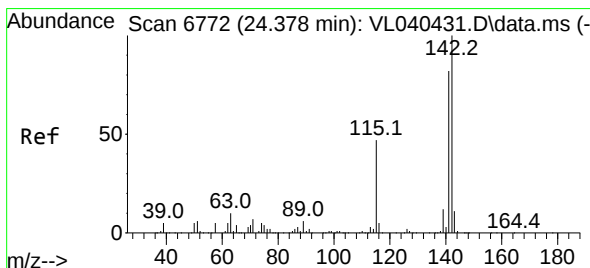
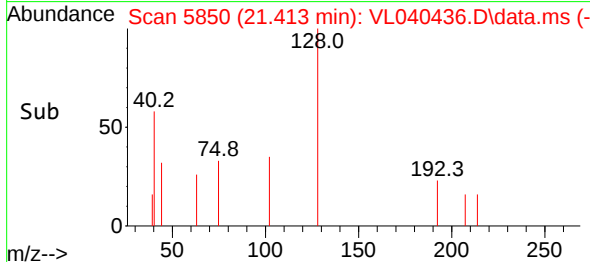
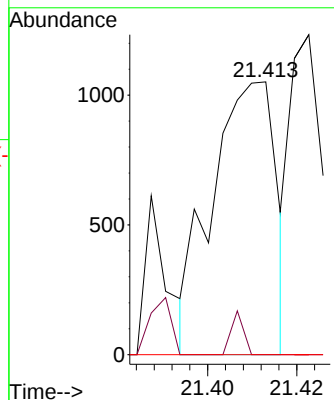
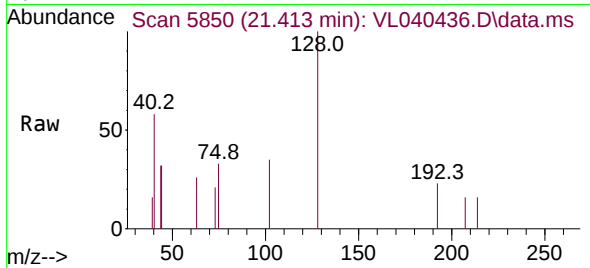




#79
Naphthalene
Concen: 0.006 ppbv
RT: 21.413 min Scan# 5850
Delta R.T. -0.003 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

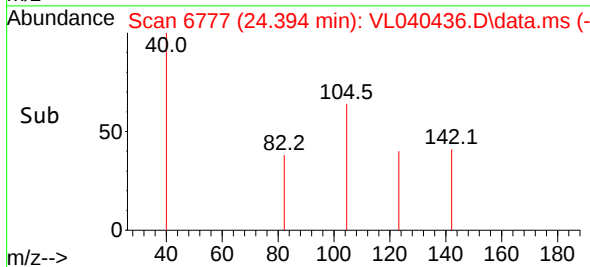
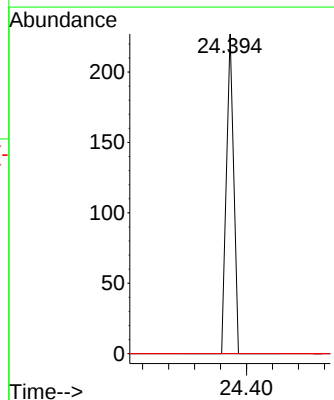
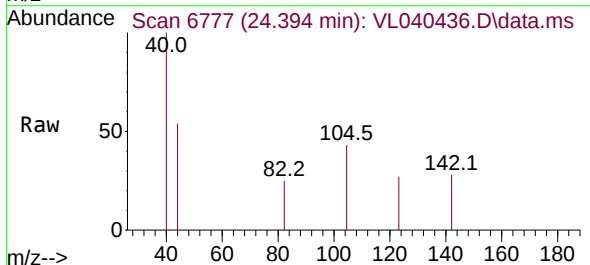
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

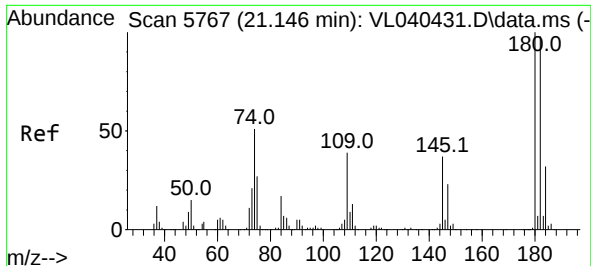
Tgt Ion:128 Resp: 1055
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 9.0 13.6#



#80
Naphthalene,2-methyl-
Concen: 0.001 ppbv
RT: 24.394 min Scan# 6777
Delta R.T. -0.003 min
Lab File: VL040436.D
Acq: 16 May 2023 12:53

Tgt Ion:142 Resp: 44
Ion Ratio Lower Upper
142 100
141 140.9 66.2 99.2#
115 0.0 36.8 55.2#





#81

1,2,4-Trichlorobenzene

Concen: 0.004 ppbv

RT: 21.153 min Scan# 51

Delta R.T. -0.016 min

Lab File: VL040436.D

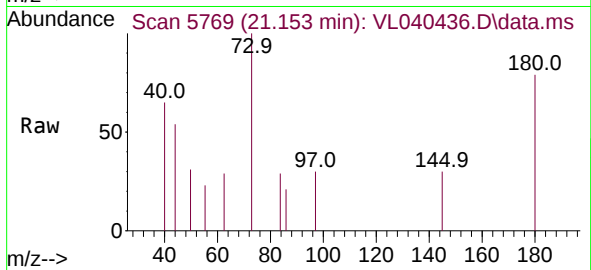
Acq: 16 May 2023 12:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03



Tgt Ion:180 Resp: 421

Ion Ratio Lower Upper

180 100

182 0.0 77.0 115.6#

184 106.2 24.7 37.1#

