

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111323\
 Data File : VL040837.D
 Acq On : 13 Nov 2023 12:03
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Quant Time: Nov 22 00:30:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Nov 20 03:50:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	1163155	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.635	114	3038114	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.439	117	2793969	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.748	95	2171964	9.929	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.735	85	252127	1.069	ppbv	97
3) Chlorodifluoromethane	2.681	51	198994	1.072	ppbv	100
4) Chloromethane	2.819	50	69094	1.035	ppbv	89
5) Vinyl Chloride	2.925	62	70388	1.060	ppbv	92
6) Bromomethane	3.144	94	1976	0.078	ppbv	83
7) Chloroethane	3.224	64	2438	0.106	ppbv #	74
8) Dichlorotetrafluoroethane	2.861	85	179266	1.053	ppbv	97
9) Propene	2.700	41	63188	1.010	ppbv	94
10) Heptane	7.561	43	162318	1.054	ppbv	99
11) Trichlorofluoromethane	3.562	101	191295	1.056	ppbv	94
12) 1,1,2-Trichlorotrifluo...	4.060	101	135408	1.052	ppbv	100
13) Ethanol	3.256	45	11844	0.975	ppbv #	100
14) Bromoethene	3.365	108	55831	1.078	ppbv	97
15) Acetone	3.478	43	126075	1.018	ppbv	92
16) 1,3-Butadiene	2.986	39	68968	1.100	ppbv	100
17) tert-Butyl alcohol	3.883	59	111857	1.056	ppbv	100
18) 1,1-Dichloroethene	3.877	96	62066	1.082	ppbv	90
19) Isopropyl Alcohol	3.587	45	72668	0.975	ppbv #	93
20) Methylene Chloride	3.928	84	53198	1.041	ppbv	91
21) Allyl Chloride	3.992	41	79749	1.006	ppbv	91
22) trans-1,2-Dichloroethene	4.436	96	63636	0.977	ppbv	93
23) Vinyl Acetate	4.619	43	156807	0.980	ppbv	99
24) 1,1-Dichloroethane	4.555	63	152764	1.071	ppbv	97
25) Ethyl Acetate	5.201	43	274895	1.072	ppbv	99
26) Hexane	5.201	57	119825	1.055	ppbv	94
27) Carbon Disulfide	4.121	76	147050	1.021	ppbv #	86
28) Methyl tert-Butyl Ether	4.587	73	110701	1.078	ppbv	97
29) Chloroform	5.259	83	203626	1.058	ppbv	99
30) Cyclohexane	6.584	84	99102	1.015	ppbv	92
31) cis-1,2-Dichloroethene	5.066	61	122763	1.093	ppbv	98
32) 1,1,1-Trichloroethane	5.989	97	194447	1.083	ppbv	98
34) 2-Butanone	4.783	43	163382	1.056	ppbv	95
35) Carbon Tetrachloride	6.475	117	203828	1.093	ppbv	98
36) Benzene	6.349	78	258412	1.048	ppbv	97
37) 1,2-Dichloroethane	5.793	62	154641	1.063	ppbv	98
38) Trichloroethene	7.272	130	95983	1.001	ppbv	96
39) 1,2-Dichloropropane	7.057	63	103066	1.054	ppbv	92
40) 1,4-Dioxane	7.291	88	18793	0.484	ppbv #	1
41) Tetrahydrofuran	5.555	42	93736	0.984	ppbv	94
42) Bromodichloromethane	7.227	83	210280	1.010	ppbv	90
43) Methyl Methacrylate	7.459	69	92492	0.984	ppbv	93
44) 2,2,4-Trimethylpentane	7.307	57	432580	1.056	ppbv	99
45) t-1,3-Dichloropropene	8.687	75	23756	0.430	ppbv	93

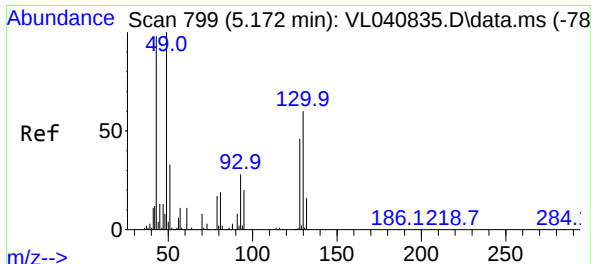
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111323\
 Data File : VL040837.D
 Acq On : 13 Nov 2023 12:03
 Operator : SY/MD
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Instrument :
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Quant Time: Nov 22 00:30:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Nov 20 03:50:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.121	75	36407	0.509	ppbv	92
47) 1,1,2-Trichloroethane	8.883	97	40368	0.394	ppbv	94
48) Dibromochloromethane	9.687	129	170964	1.006	ppbv	99
49) Bromoform	12.378	173	123087	0.963	ppbv	97
50) 4-Methyl-2-Pentanone	8.176	43	232718	0.972	ppbv	96
51) 2-Hexanone	9.545	43	149993	0.888	ppbv #	90
52) Tetrachloroethene	10.593	164	87141	1.049	ppbv	95
53) Toluene	9.201	91	285623	1.053	ppbv	99
54) 1,2-Dibromoethane	9.986	107	137404	1.042	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.484	131	123240	1.031	ppbv #	1
57) Chlorobenzene	11.497	112	222740	1.076	ppbv	88
58) Ethyl Benzene	12.063	91	391353	1.074	ppbv	92
59) m/p-Xylene	12.346	91	176993	0.570	ppbv #	32
60) o-Xylene	13.027	91	154883	0.524	ppbv #	32
61) Styrene	12.873	104	139790	0.981	ppbv	98
62) Isopropylbenzene	14.005	105	477751	1.094	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.018	83	220731	1.054	ppbv	98
64) n-propylbenzene	14.889	120	115722	1.058	ppbv	85
65) tert-Butylbenzene	16.063	119	395501	1.074	ppbv	92
66) Benzyl Chloride	16.063	91	362557	26.726	ppbv #	62
67) sec-Butylbenzene	16.609	105	585185	1.113	ppbv	98
69) p-Isopropyltoluene	16.973	119	464152	1.107	ppbv	98
70) n-Butylbenzene	17.863	91	481193	1.087	ppbv	97
71) 2-Chlorotoluene	14.773	91	356964	1.073	ppbv	99
72) 4-Ethyltoluene	15.169	105	349169	1.075	ppbv	98
73) 1,3,5-Trimethylbenzene	15.326	105	298454	1.039	ppbv	99
74) 1,2,4-Trimethylbenzene	16.085	105	146436	0.457	ppbv	92
75) 1,3-Dichlorobenzene	16.307	146	187741	1.060	ppbv	98
76) 1,4-Dichlorobenzene	16.449	146	178889	1.055	ppbv	96
77) 1,2-Dichlorobenzene	17.121	146	188602	1.096	ppbv	97
78) Hexachloro-1,3-Butadiene	22.587	225	27987	0.260	ppbv #	18
79) Naphthalene	21.358	128	82278	0.499	ppbv #	91
80) Naphthalene,2-methyl-	24.355	142	14145	0.486	ppbv #	76
81) 1,2,4-Trichlorobenzene	21.104	180	27409	0.274	ppbv #	12

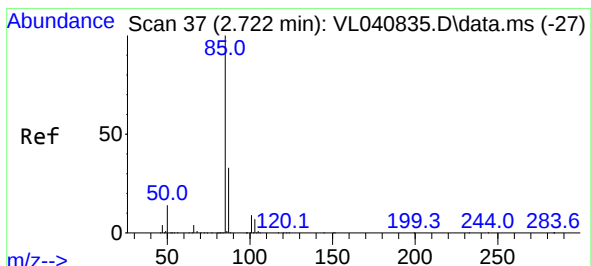
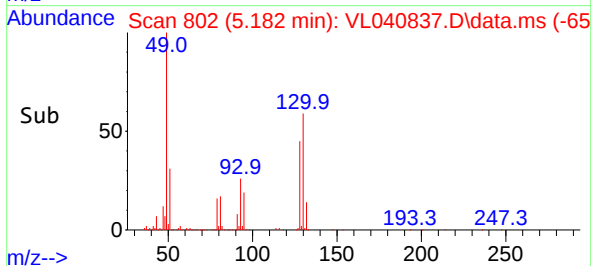
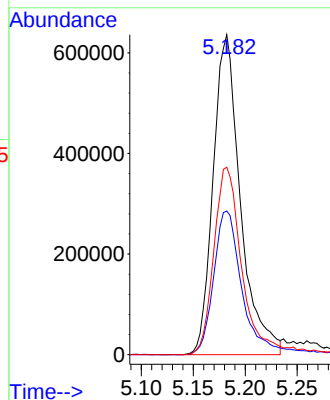
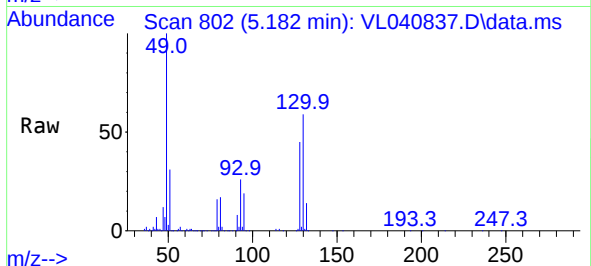
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.029 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

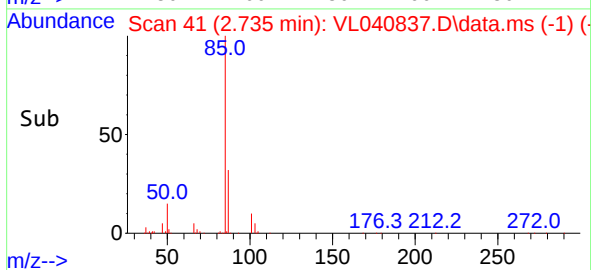
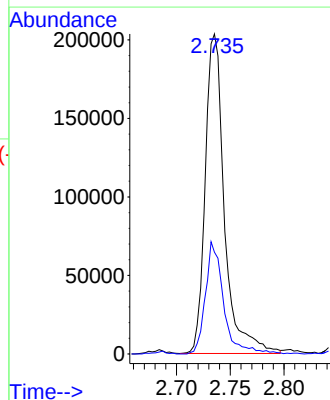
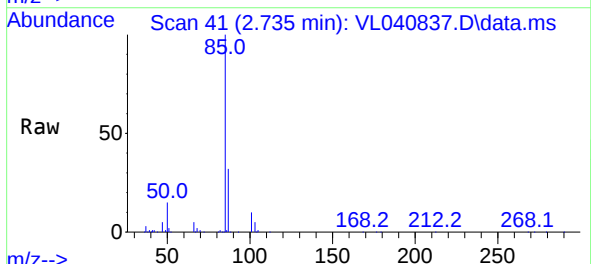
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

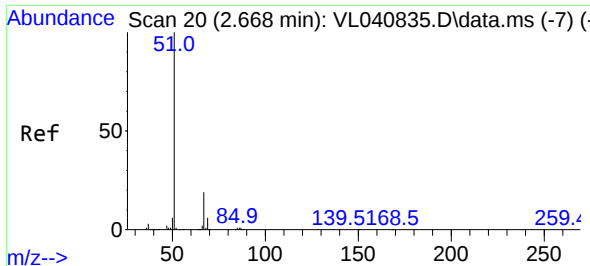
Tgt Ion: 49 Resp: 1163155
Ion Ratio Lower Upper
49 100
128 48.8 23.8 71.2
130 62.6 30.9 92.8



#2
Dichlorodifluoromethane
Concen: 1.069 ppbv
RT: 2.735 min Scan# 41
Delta R.T. -0.039 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

Tgt Ion: 85 Resp: 252127
Ion Ratio Lower Upper
85 100
87 31.8 26.7 40.1

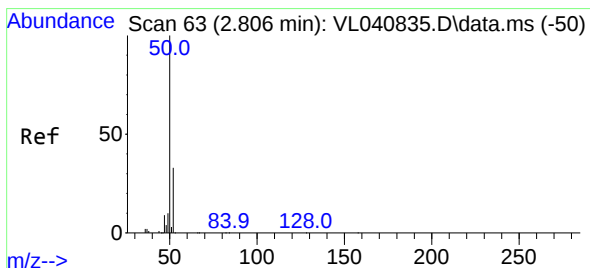
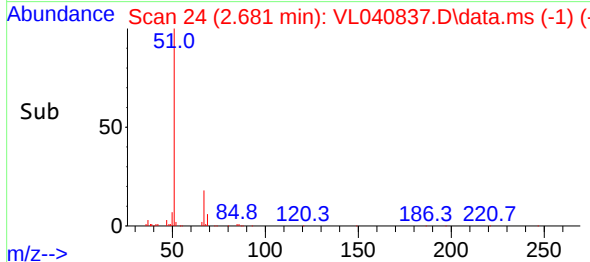
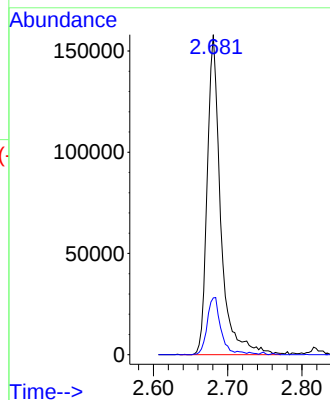
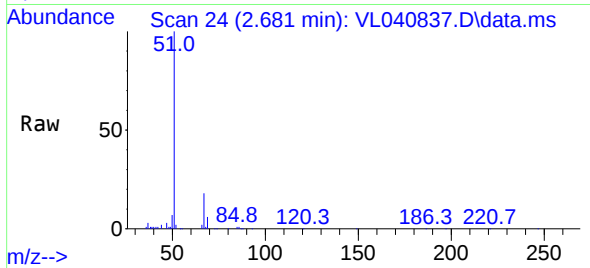




#3
Chlorodifluoromethane
Concen: 1.072 ppbv
RT: 2.681 min Scan# 24
Delta R.T. -0.039 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

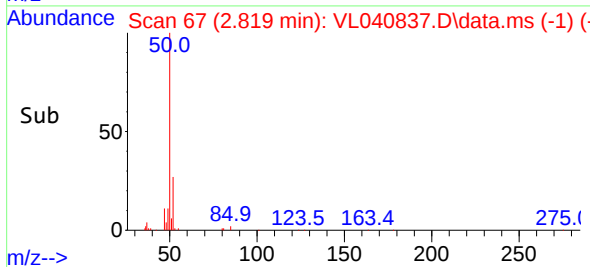
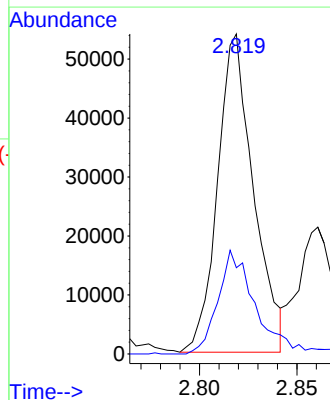
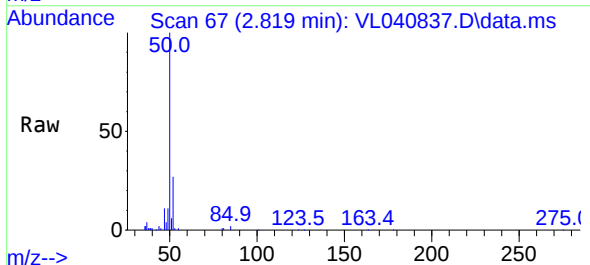
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 51 Resp: 198994
Ion Ratio Lower Upper
51 100
67 18.9 15.0 22.4

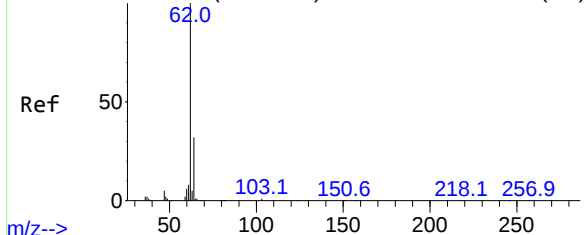


#4
Chloromethane
Concen: 1.035 ppbv
RT: 2.819 min Scan# 67
Delta R.T. -0.036 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

Tgt Ion: 50 Resp: 69094
Ion Ratio Lower Upper
50 100
52 27.1 26.5 39.7



Abundance Scan 96 (2.912 min): VL040835.D\data.ms (-86)

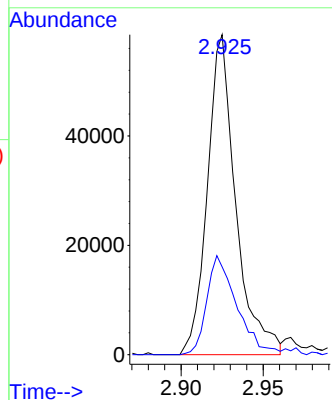
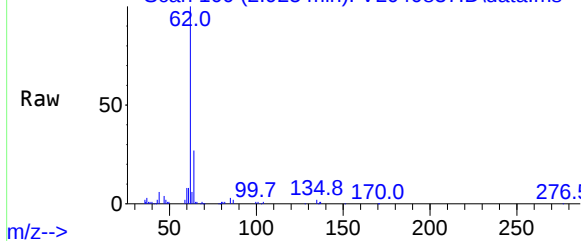


#5
Vinyl Chloride
Concen: 1.060 ppbv
RT: 2.925 min Scan# 100
Delta R.T. -0.036 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

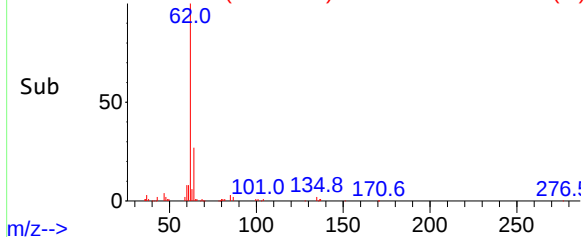
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 62 Resp: 70388
Ion Ratio Lower Upper
62 100
64 27.4 25.4 38.2

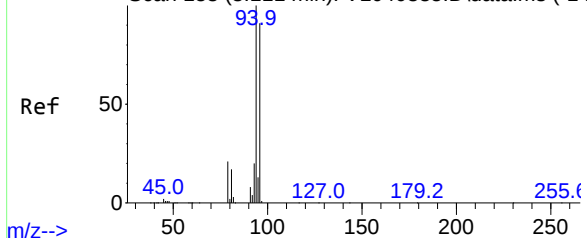
Abundance Scan 100 (2.925 min): VL040837.D\data.ms



Abundance Scan 100 (2.925 min): VL040837.D\data.ms (-1)



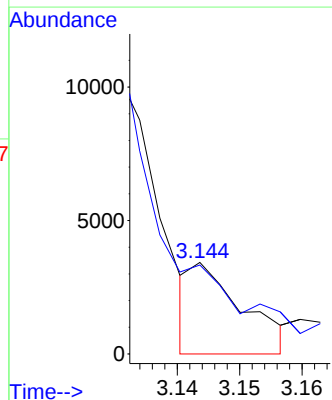
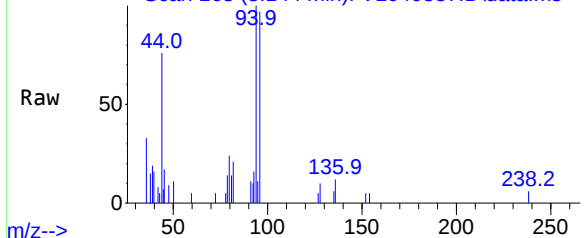
Abundance Scan 158 (3.111 min): VL040835.D\data.ms (-14)



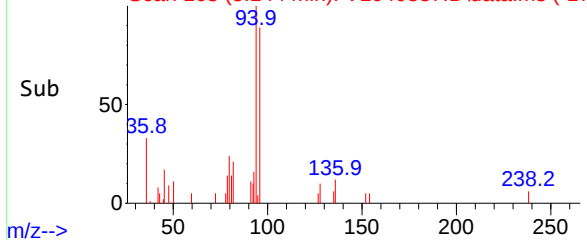
#6
Bromomethane
Concen: 0.078 ppbv
RT: 3.144 min Scan# 168
Delta R.T. -0.013 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

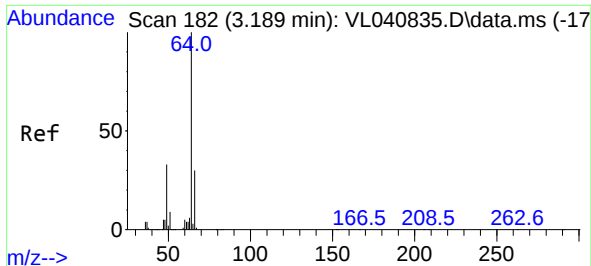
Tgt Ion: 94 Resp: 1976
Ion Ratio Lower Upper
94 100
96 74.7 73.0 109.4

Abundance Scan 168 (3.144 min): VL040837.D\data.ms



Abundance Scan 168 (3.144 min): VL040837.D\data.ms (-17)

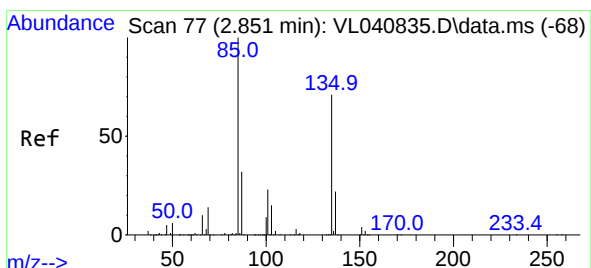
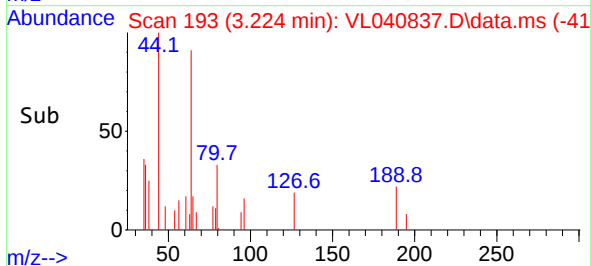
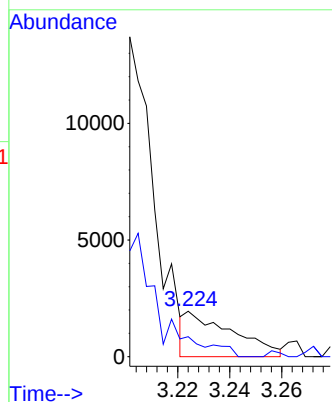
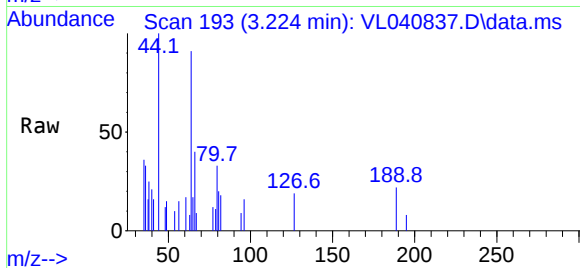




#7
Chloroethane
Concen: 0.106 ppbv
RT: 3.224 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

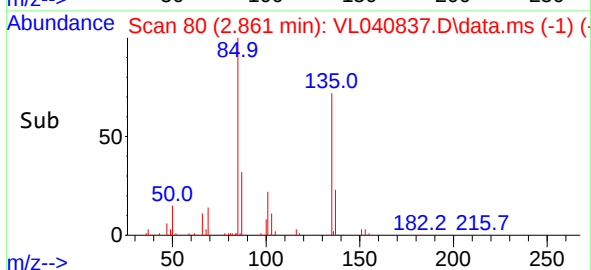
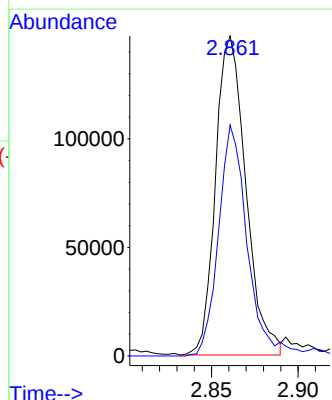
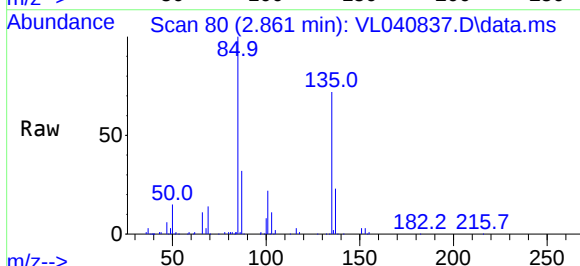
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 64 Resp: 2438
Ion Ratio Lower Upper
64 100
66 43.8 23.8 35.6#

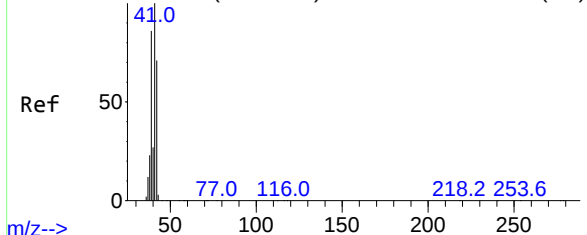


#8
Dichlorotetrafluoroethane
Concen: 1.053 ppbv
RT: 2.861 min Scan# 80
Delta R.T. -0.039 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

Tgt Ion: 85 Resp: 179266
Ion Ratio Lower Upper
85 100
135 71.3 55.3 82.9



Abundance Scan 26 (2.687 min): VL040835.D\data.ms (-18)



#9

Propene

Concen: 1.010 ppbv

RT: 2.700 min Scan# 30

Delta R.T. -0.039 min

Lab File: VL040837.D

Acq: 13 Nov 2023 12:03

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

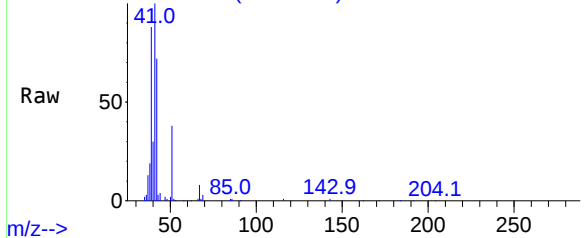
Tgt Ion: 41 Resp: 63188

Ion Ratio Lower Upper

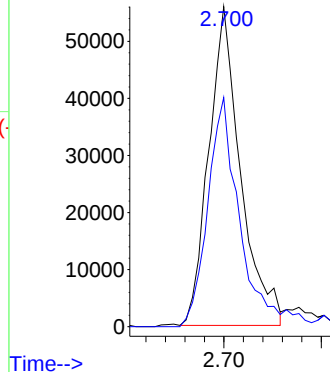
41 100

42 75.8 56.5 84.7

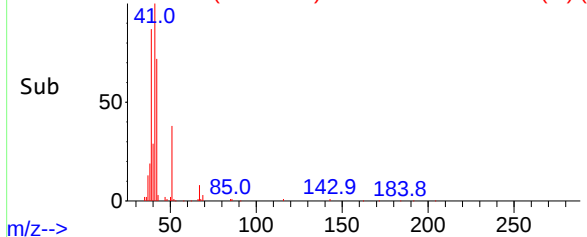
Abundance Scan 30 (2.700 min): VL040837.D\data.ms



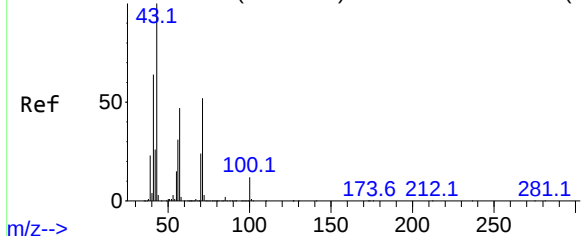
Abundance



Abundance Scan 30 (2.700 min): VL040837.D\data.ms (-1)



Abundance Scan 1540 (7.555 min): VL040835.D\data.ms (-1)



#10

Heptane

Concen: 1.054 ppbv

RT: 7.561 min Scan# 1542

Delta R.T. -0.026 min

Lab File: VL040837.D

Acq: 13 Nov 2023 12:03

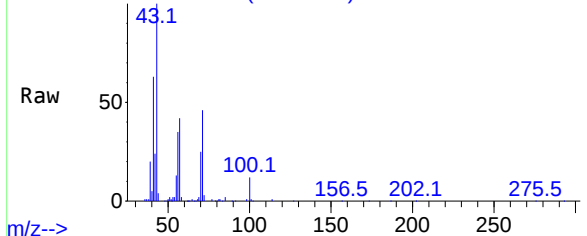
Tgt Ion: 43 Resp: 162318

Ion Ratio Lower Upper

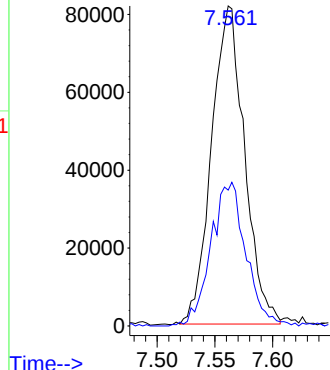
43 100

57 48.4 39.4 59.0

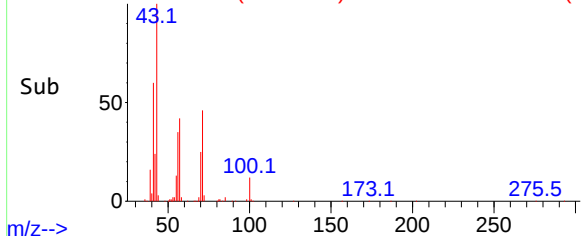
Abundance Scan 1542 (7.561 min): VL040837.D\data.ms

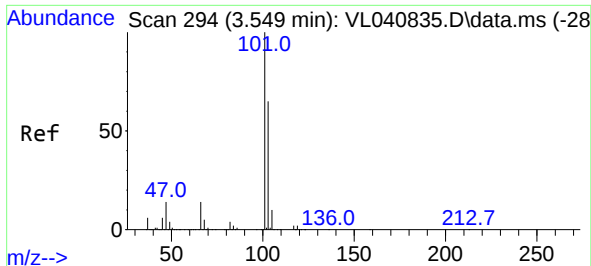


Abundance



Abundance Scan 1542 (7.561 min): VL040837.D\data.ms (-1)

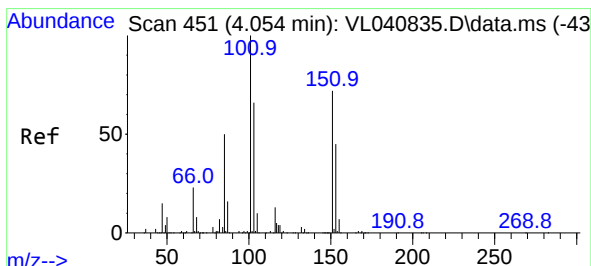
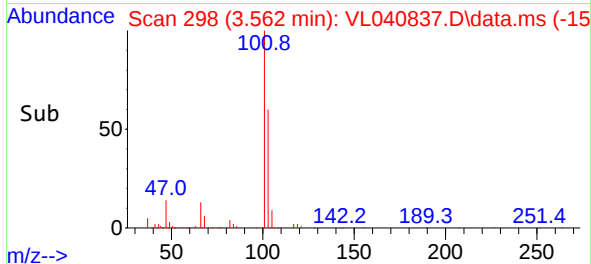
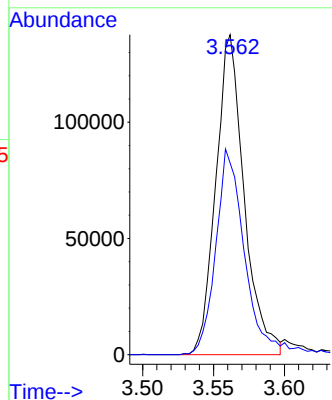
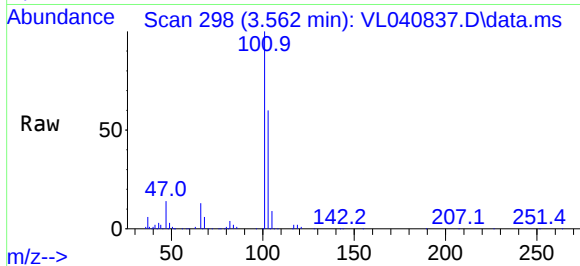




#11
 Trichlorofluoromethane
 Concen: 1.056 ppbv
 RT: 3.562 min Scan# 294
 Delta R.T. -0.032 min
 Lab File: VL040837.D
 Acq: 13 Nov 2023 12:03

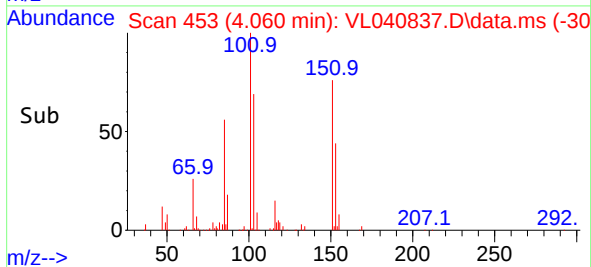
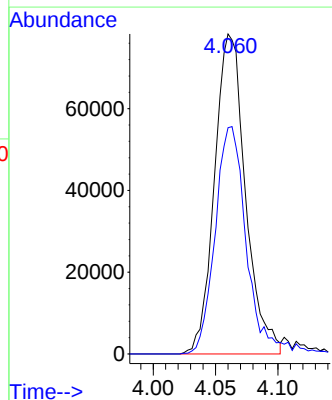
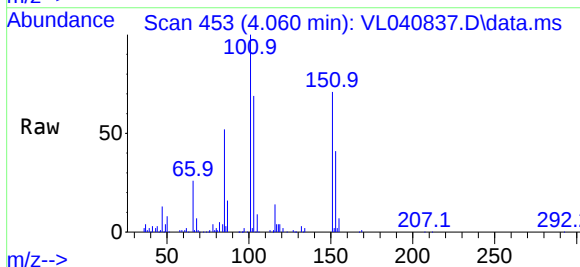
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

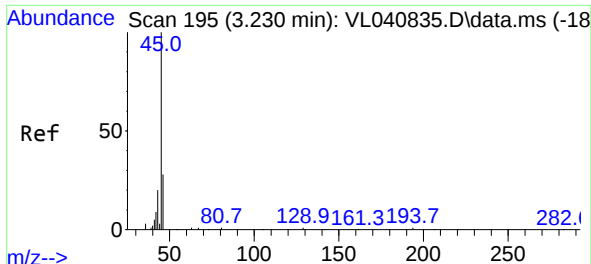
Tgt Ion:101 Resp: 191295
 Ion Ratio Lower Upper
 101 100
 103 59.9 51.8 77.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.052 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. -0.036 min
 Lab File: VL040837.D
 Acq: 13 Nov 2023 12:03

Tgt Ion:101 Resp: 135408
 Ion Ratio Lower Upper
 101 100
 151 72.5 57.8 86.6

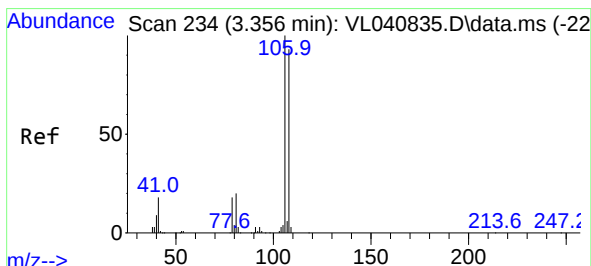
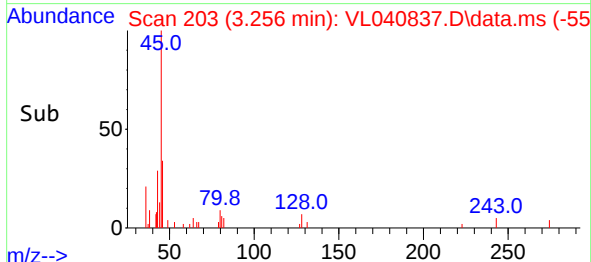
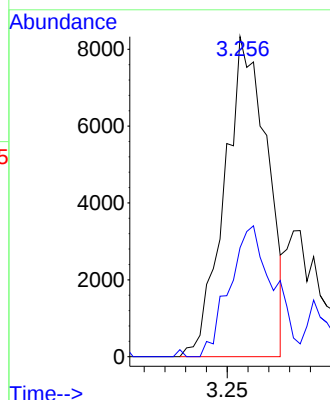
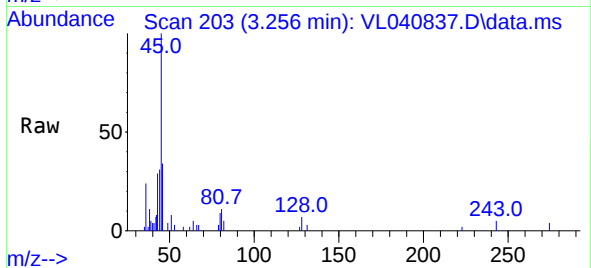




#13
Ethanol
Concen: 0.975 ppbv
RT: 3.256 min Scan# 203
Delta R.T. -0.023 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

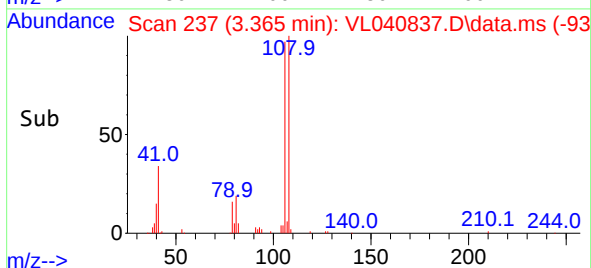
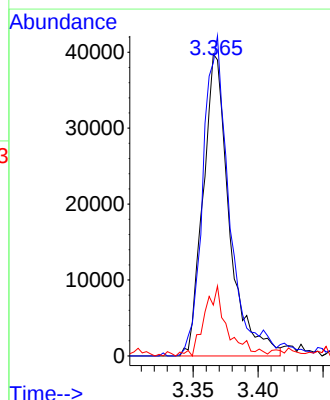
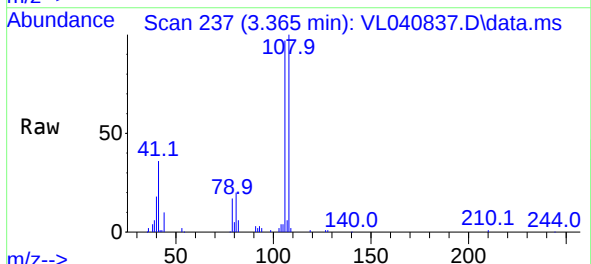
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

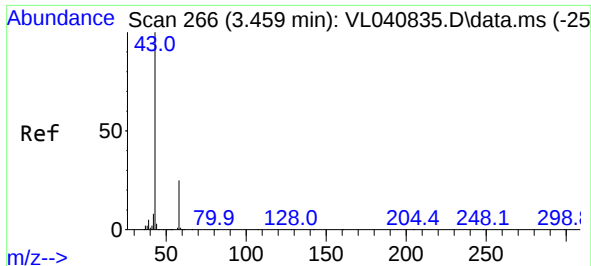
Tgt Ion: 45 Resp: 11844
Ion Ratio Lower Upper
45 100
46 57.0 0.0 0.0#



#14
Bromoethene
Concen: 1.078 ppbv
RT: 3.365 min Scan# 237
Delta R.T. -0.036 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

Tgt Ion: 108 Resp: 55831
Ion Ratio Lower Upper
108 100
106 110.8 85.4 128.2
79 20.7 16.7 25.1

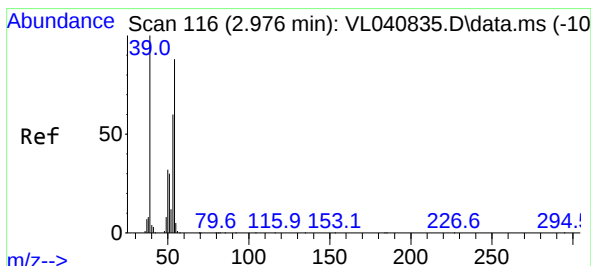
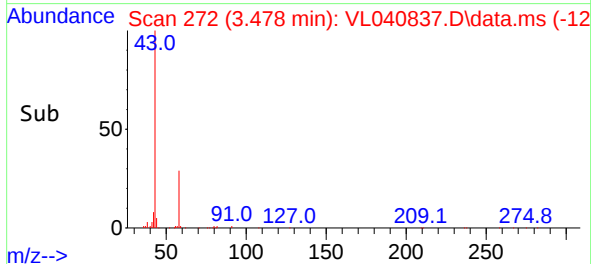
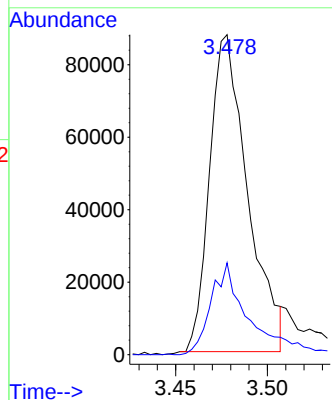
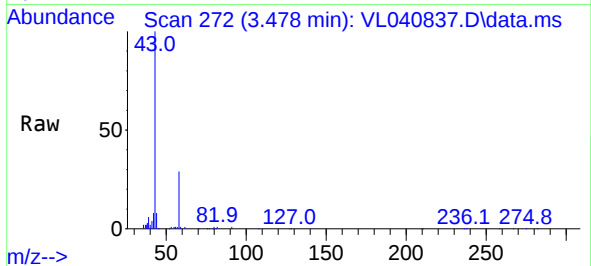




#15
Acetone
Concen: 1.018 ppbv
RT: 3.478 min Scan# 21
Delta R.T. -0.023 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

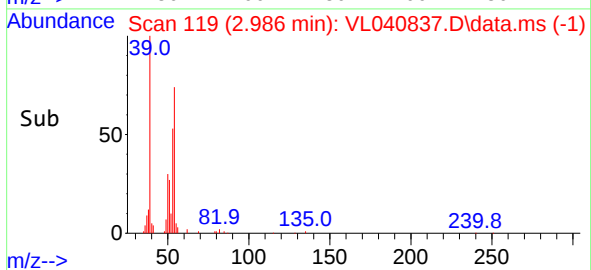
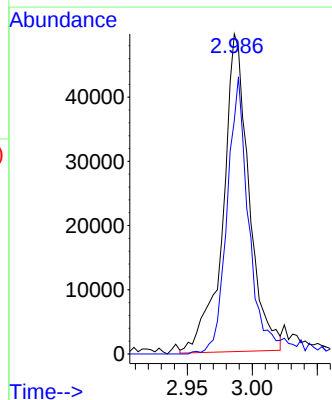
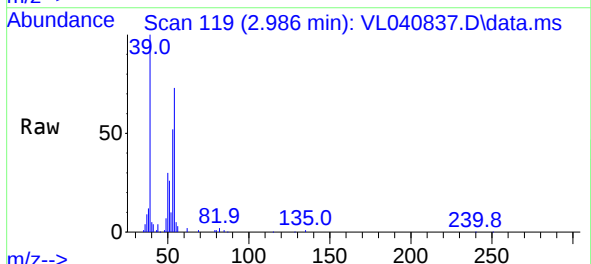
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

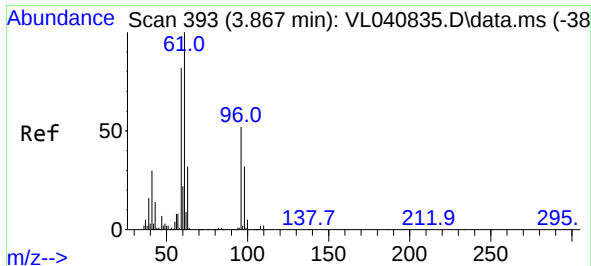
Tgt Ion: 43 Resp: 126075
Ion Ratio Lower Upper
43 100
58 30.0 20.9 31.3



#16
1,3-Butadiene
Concen: 1.100 ppbv
RT: 2.986 min Scan# 119
Delta R.T. -0.039 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

Tgt Ion: 39 Resp: 68968
Ion Ratio Lower Upper
39 100
54 77.2 61.8 92.6

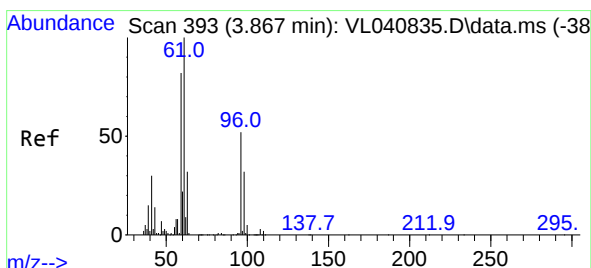
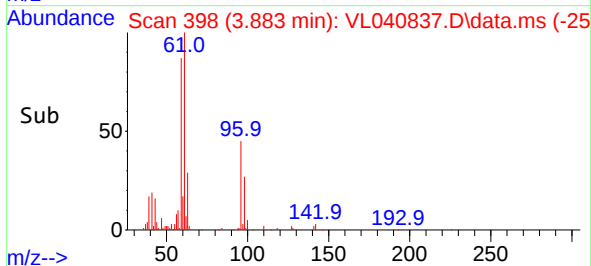
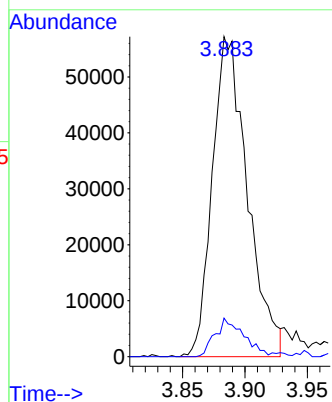
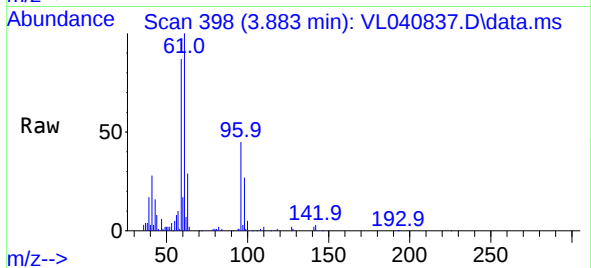




#17
tert-Butyl alcohol
Concen: 1.056 ppbv
RT: 3.883 min Scan# 398
Delta R.T. -0.026 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

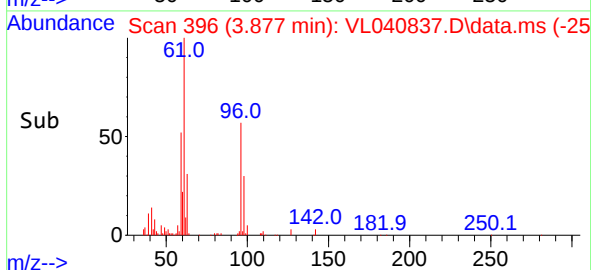
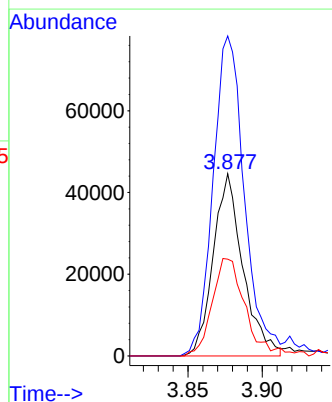
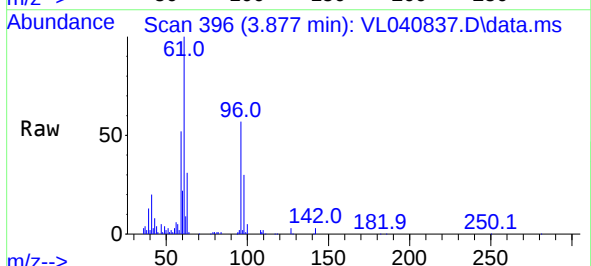
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

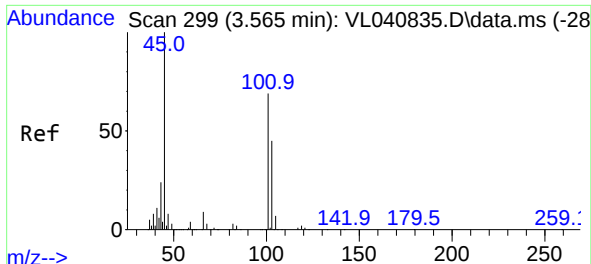
Tgt Ion: 59 Resp: 111857
Ion Ratio Lower Upper
59 100
57 11.2 9.0 13.4



#18
1,1-Dichloroethene
Concen: 1.082 ppbv
RT: 3.877 min Scan# 396
Delta R.T. -0.036 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

Tgt Ion: 96 Resp: 62066
Ion Ratio Lower Upper
96 100
61 175.5 152.6 228.8
98 53.1 49.2 73.8

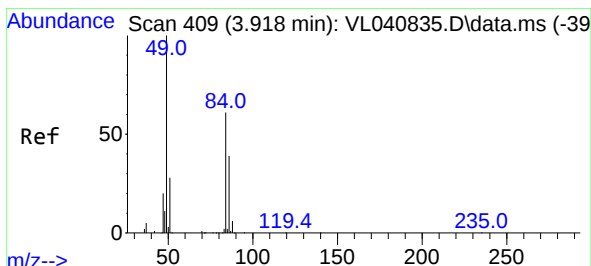
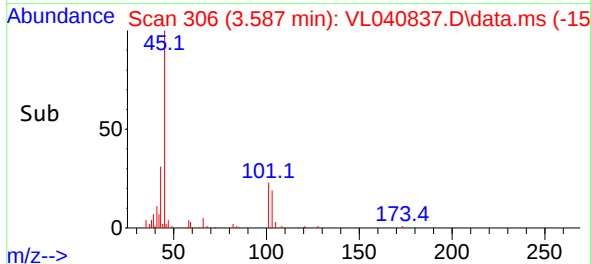
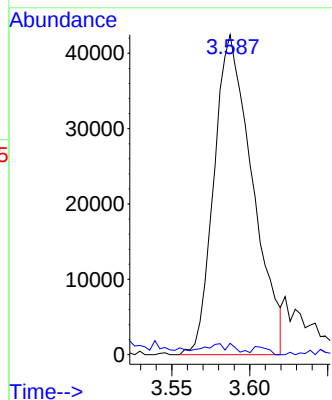
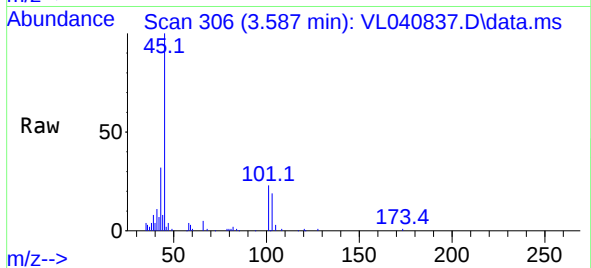




#19
Isopropyl Alcohol
Concen: 0.975 ppbv
RT: 3.587 min Scan# 306
Delta R.T. -0.023 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

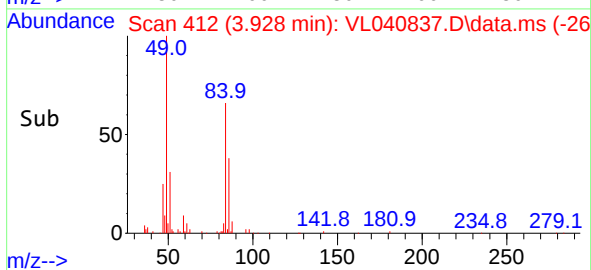
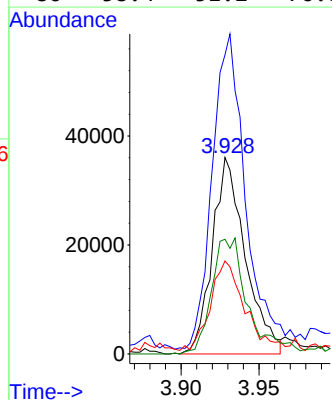
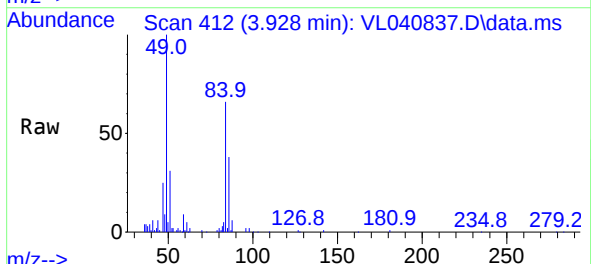
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

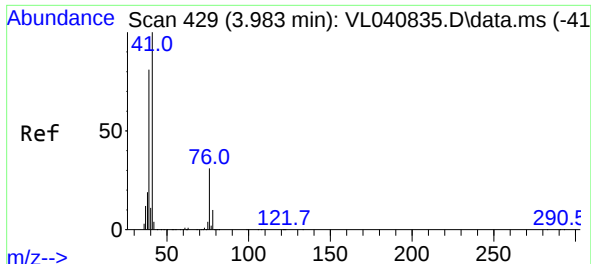
Tgt Ion: 45 Resp: 72668
Ion Ratio Lower Upper
45 100
58 4.4 1.6 2.4#



#20
Methylene Chloride
Concen: 1.041 ppbv
RT: 3.928 min Scan# 412
Delta R.T. -0.035 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

Tgt Ion: 84 Resp: 53198
Ion Ratio Lower Upper
84 100
49 149.2 131.0 196.4
51 44.2 36.9 55.3
86 58.4 51.2 76.8





#21

Allyl Chloride

Concen: 1.006 ppbv

RT: 3.992 min Scan# 41

Delta R.T. -0.032 min

Lab File: VL040837.D

Acq: 13 Nov 2023 12:03

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

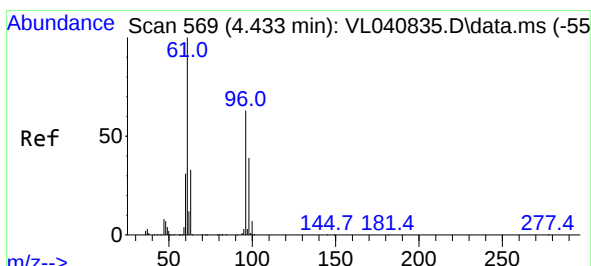
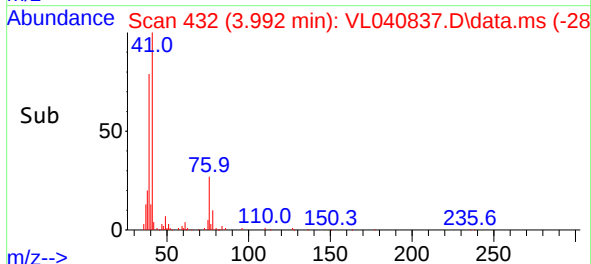
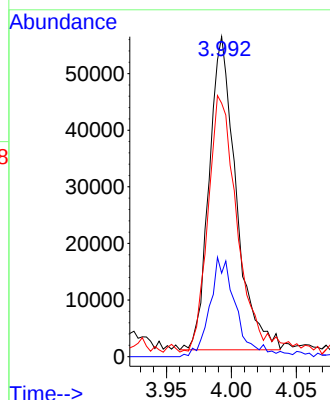
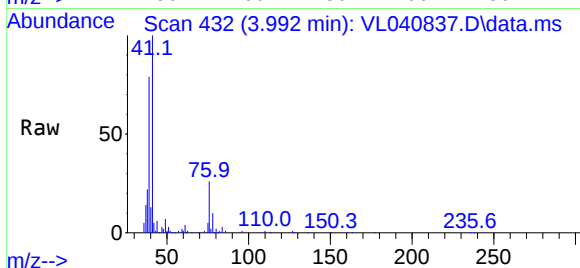
Tgt Ion: 41 Resp: 79749

Ion Ratio Lower Upper

41 100

76 32.4 24.4 36.6

39 95.4 68.1 102.1



#22

trans-1,2-Dichloroethene

Concen: 0.977 ppbv

RT: 4.436 min Scan# 570

Delta R.T. -0.032 min

Lab File: VL040837.D

Acq: 13 Nov 2023 12:03

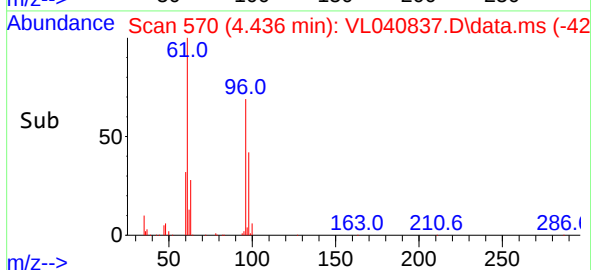
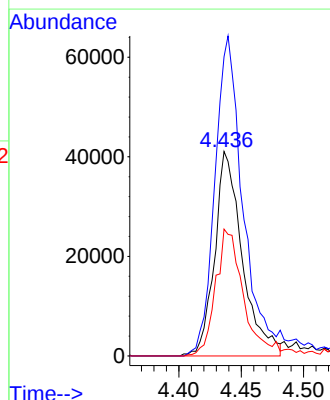
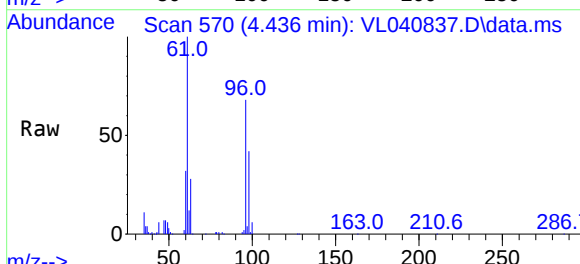
Tgt Ion: 96 Resp: 63636

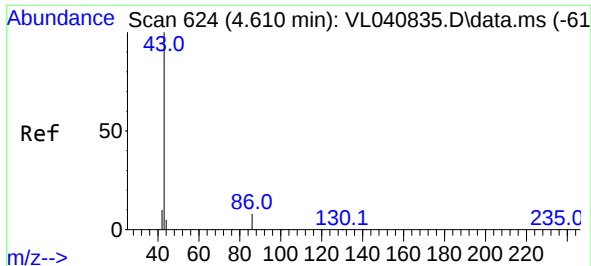
Ion Ratio Lower Upper

96 100

61 146.3 126.8 190.2

98 62.1 49.9 74.9



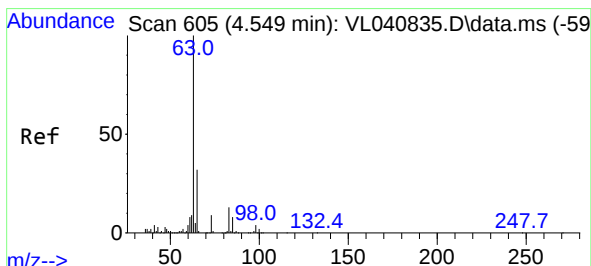
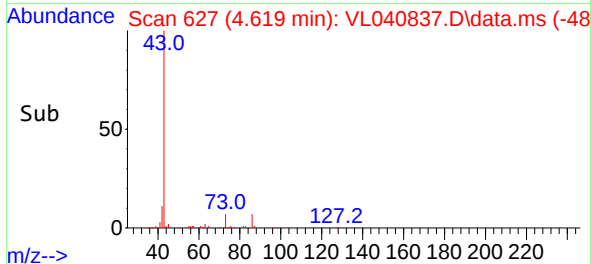
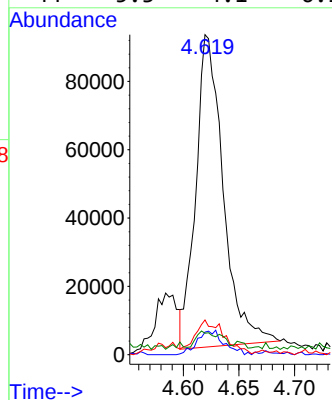
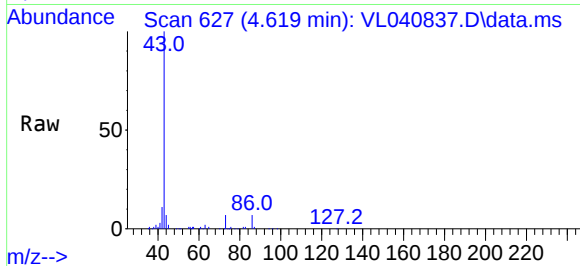


#23
 Vinyl Acetate
 Concen: 0.980 ppbv
 RT: 4.619 min Scan# 61
 Delta R.T. -0.029 min
 Lab File: VL040837.D
 Acq: 13 Nov 2023 12:03

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC001

Tgt Ion: 43 Resp: 156807

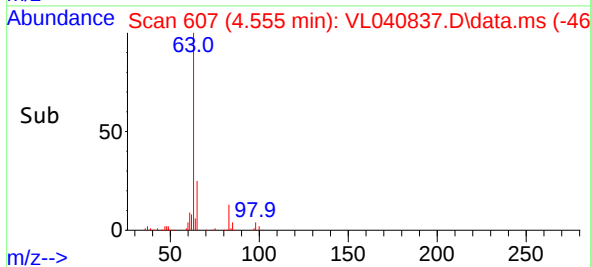
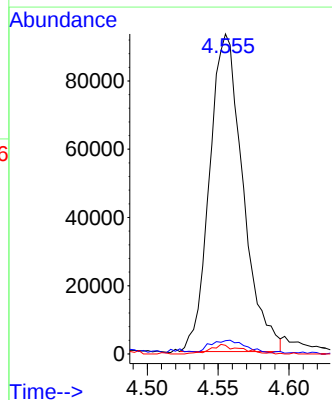
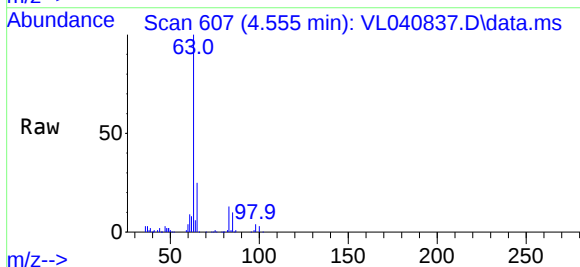
Ion	Ratio	Lower	Upper
43	100		
86	7.1	5.5	8.3
42	10.9	8.2	12.2
44	5.3	4.1	6.1

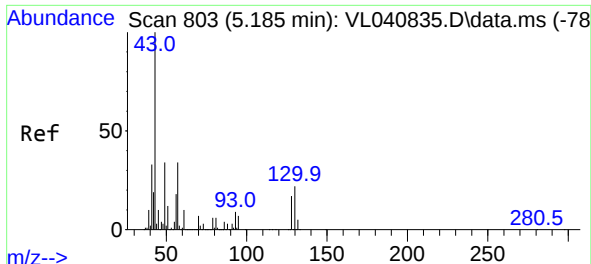


#24
 1,1-Dichloroethane
 Concen: 1.071 ppbv
 RT: 4.555 min Scan# 607
 Delta R.T. -0.032 min
 Lab File: VL040837.D
 Acq: 13 Nov 2023 12:03

Tgt Ion: 63 Resp: 152764

Ion	Ratio	Lower	Upper
63	100		
98	3.4	2.2	6.6
100	2.7	1.0	3.0





#25

Ethyl Acetate

Concen: 1.072 ppbv

RT: 5.201 min Scan# 808

Delta R.T. -0.019 min

Lab File: VL040837.D

Acq: 13 Nov 2023 12:03

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 274895

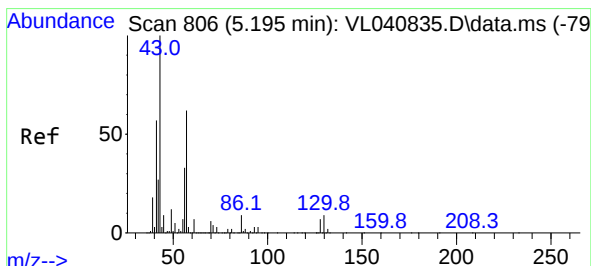
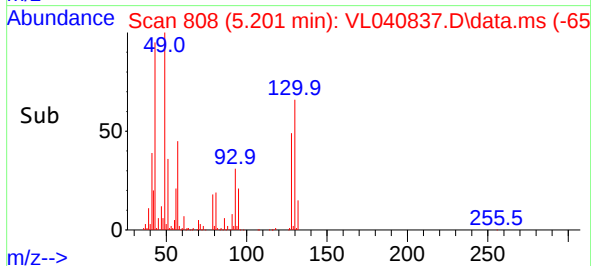
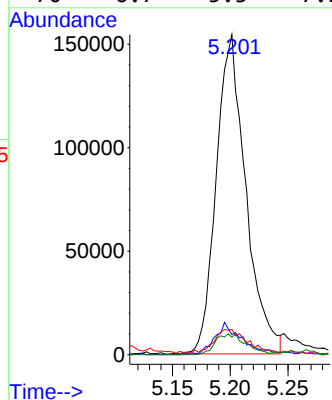
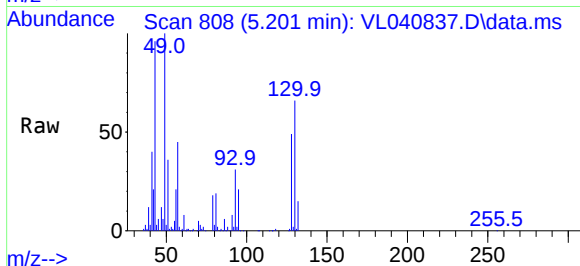
Ion Ratio Lower Upper

43 100

45 10.3 8.1 12.1

61 10.5 7.8 11.6

70 6.7 5.3 7.9



#26

Hexane

Concen: 1.055 ppbv

RT: 5.201 min Scan# 808

Delta R.T. -0.029 min

Lab File: VL040837.D

Acq: 13 Nov 2023 12:03

Tgt Ion: 57 Resp: 119825

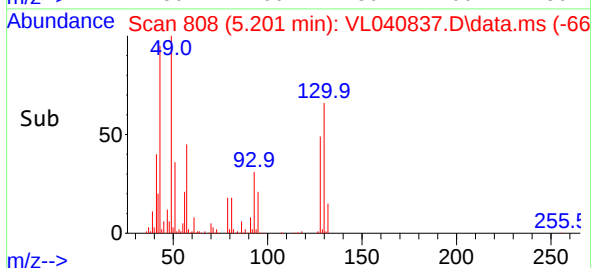
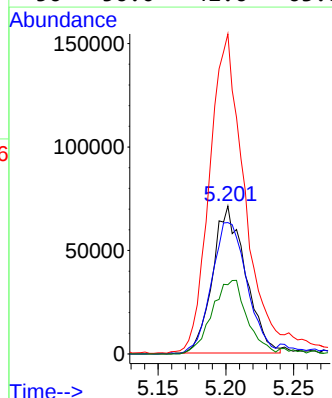
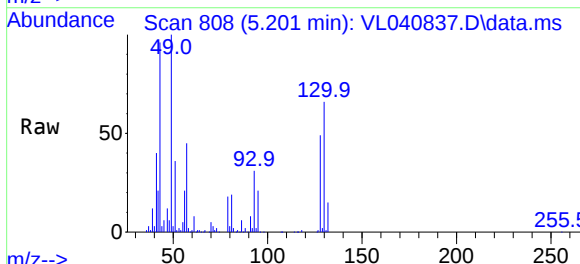
Ion Ratio Lower Upper

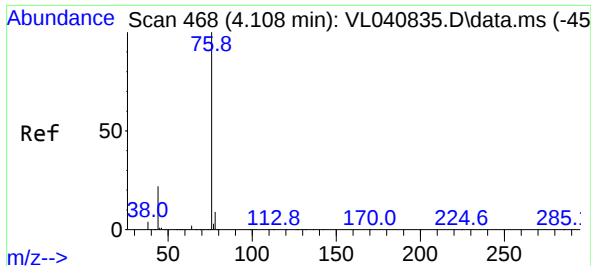
57 100

41 102.3 75.4 113.0

43 242.5 185.9 278.9

56 56.0 42.6 63.8

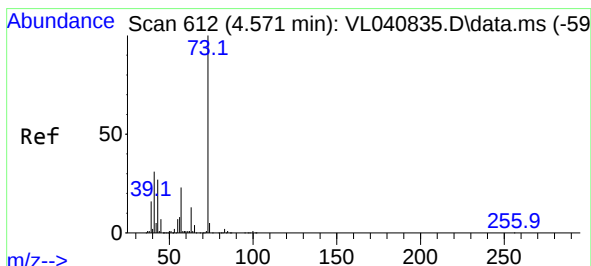
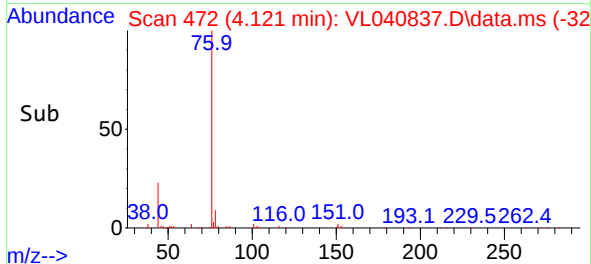
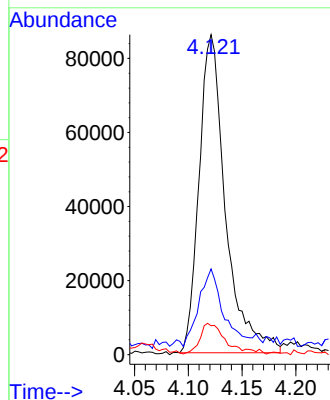
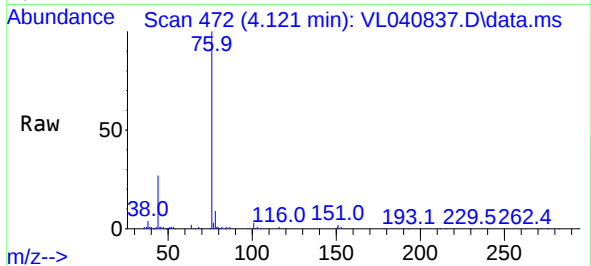




#27
Carbon Disulfide
Concen: 1.021 ppbv
RT: 4.121 min Scan# 41
Delta R.T. -0.032 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

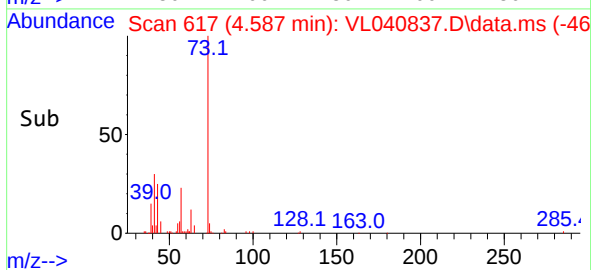
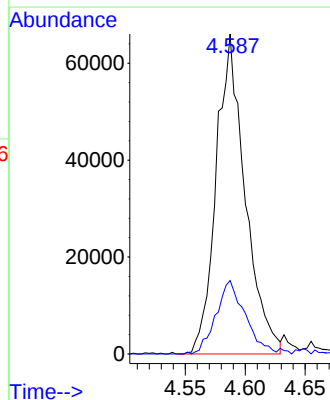
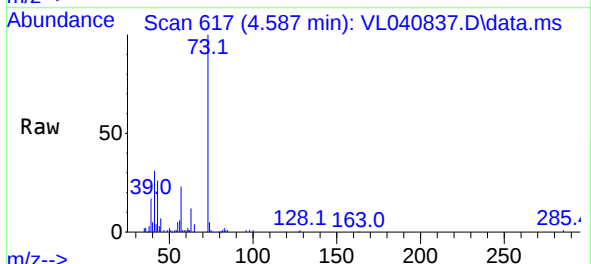
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

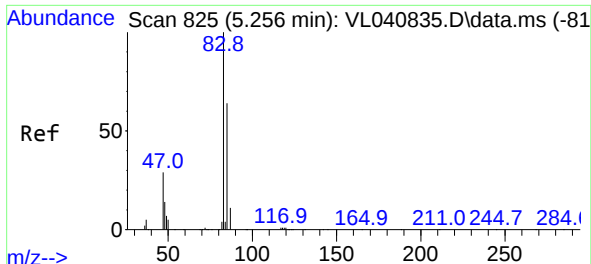
Tgt Ion: 76 Resp: 147050
Ion Ratio Lower Upper
76 100
44 30.0 16.7 25.1#
78 10.0 7.6 11.4



#28
Methyl tert-Butyl Ether
Concen: 1.078 ppbv
RT: 4.587 min Scan# 617
Delta R.T. -0.023 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

Tgt Ion: 73 Resp: 110701
Ion Ratio Lower Upper
73 100
57 24.1 18.0 27.0





#29

Chloroform

Concen: 1.058 ppbv

RT: 5.259 min Scan# 81

Delta R.T. -0.036 min

Lab File: VL040837.D

Acq: 13 Nov 2023 12:03

Instrument :

MSVOA_L

ClientSampleId :

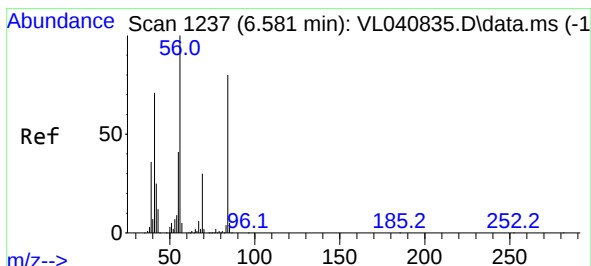
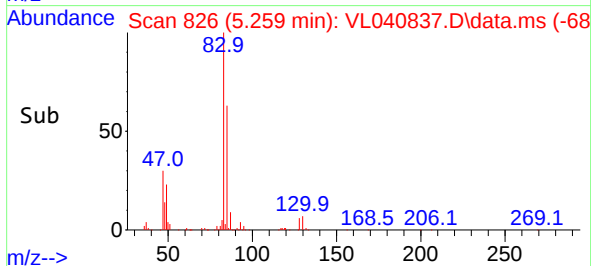
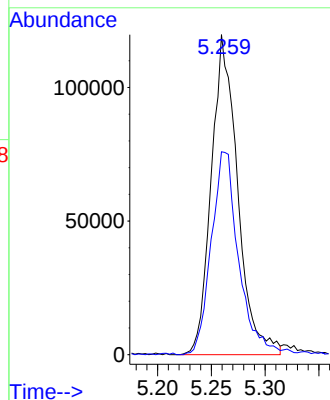
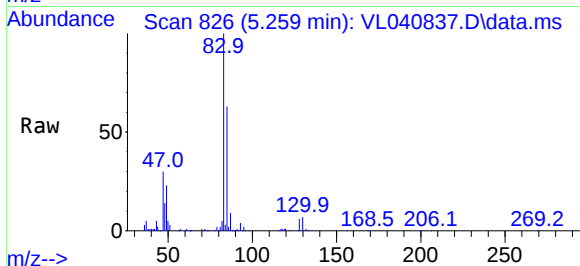
VSTDIC001

Tgt Ion: 83 Resp: 203626

Ion Ratio Lower Upper

83 100

85 63.4 51.4 77.0



#30

Cyclohexane

Concen: 1.015 ppbv

RT: 6.584 min Scan# 1238

Delta R.T. -0.029 min

Lab File: VL040837.D

Acq: 13 Nov 2023 12:03

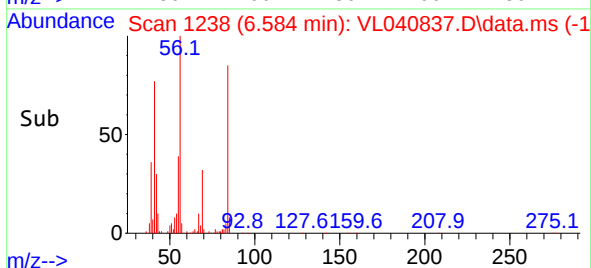
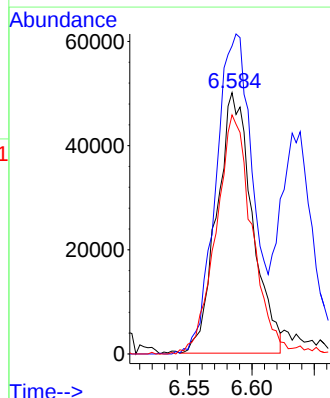
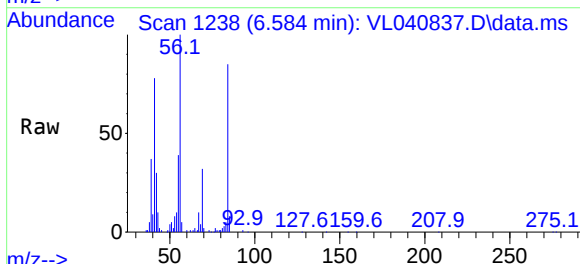
Tgt Ion: 84 Resp: 99102

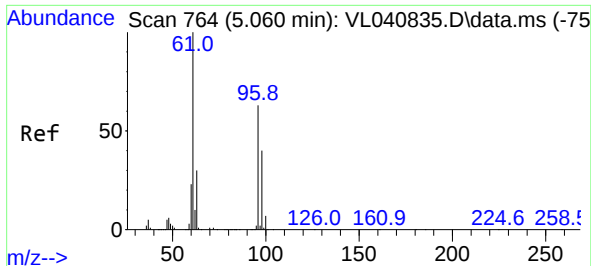
Ion Ratio Lower Upper

84 100

56 124.6 109.3 163.9

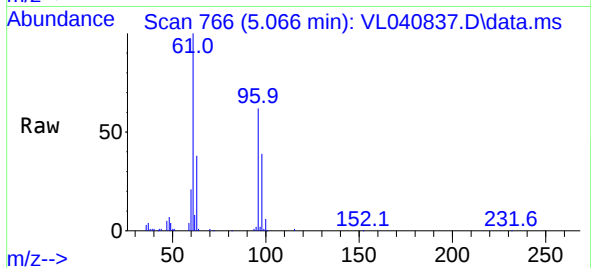
41 95.2 71.4 107.2



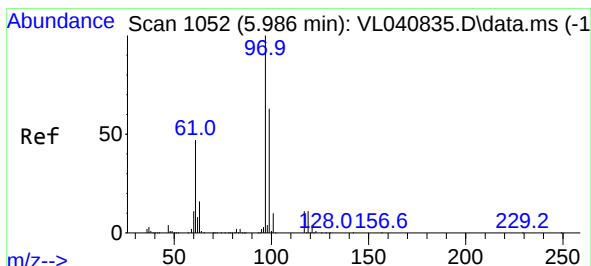
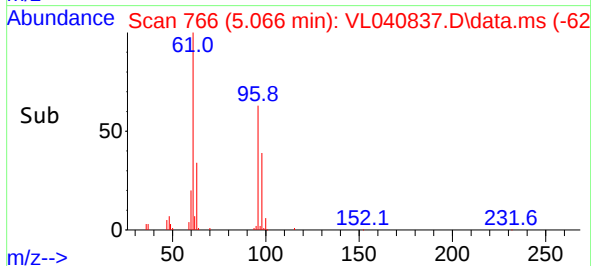
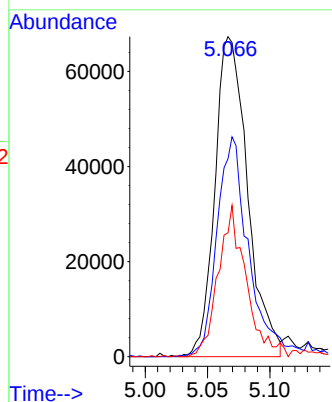


#31
 cis-1,2-Dichloroethene
 Concen: 1.093 ppbv
 RT: 5.066 min Scan# 764
 Delta R.T. -0.032 min
 Lab File: VL040837.D
 Acq: 13 Nov 2023 12:03

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC001

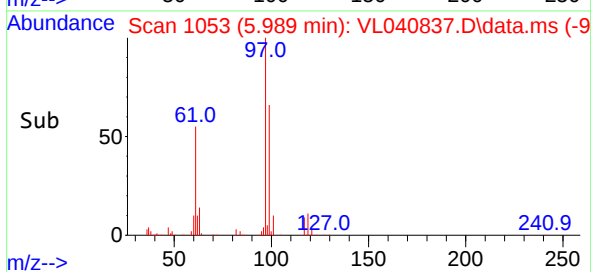
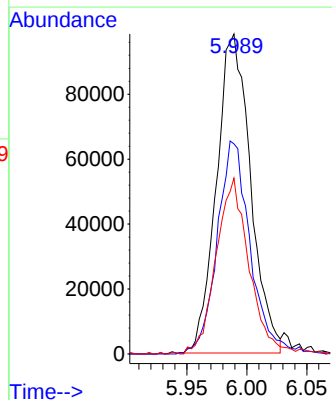
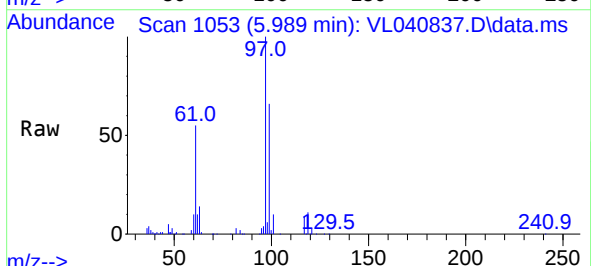


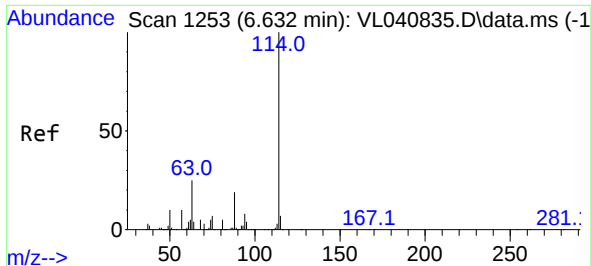
Tgt Ion: 61 Resp: 122763
 Ion Ratio Lower Upper
 61 100
 96 61.4 50.5 75.7
 98 38.7 31.9 47.9



#32
 1,1,1-Trichloroethane
 Concen: 1.083 ppbv
 RT: 5.989 min Scan# 1053
 Delta R.T. -0.029 min
 Lab File: VL040837.D
 Acq: 13 Nov 2023 12:03

Tgt Ion: 97 Resp: 194447
 Ion Ratio Lower Upper
 97 100
 99 65.0 52.2 78.4
 61 53.9 41.0 61.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.635 min Scan# 11

Delta R.T. -0.029 min

Lab File: VL040837.D

Acq: 13 Nov 2023 12:03

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

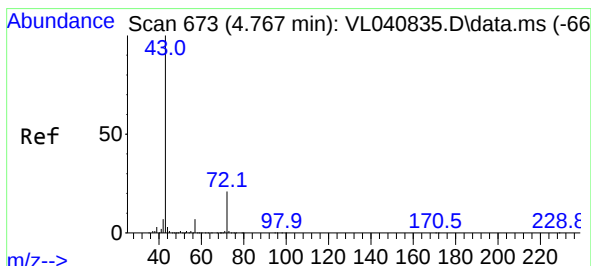
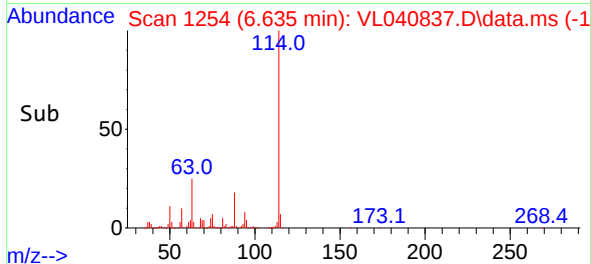
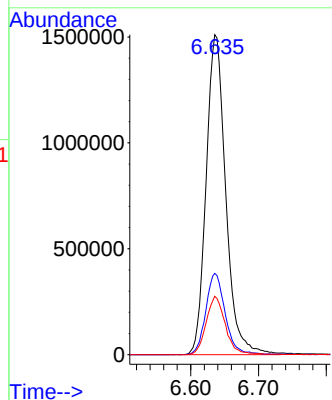
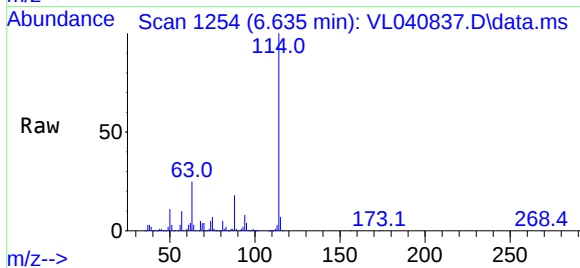
Tgt Ion:114 Resp: 3038114

Ion Ratio Lower Upper

114 100

63 25.4 20.9 31.3

88 18.0 14.3 21.5



#34

2-Butanone

Concen: 1.056 ppbv

RT: 4.783 min Scan# 678

Delta R.T. -0.023 min

Lab File: VL040837.D

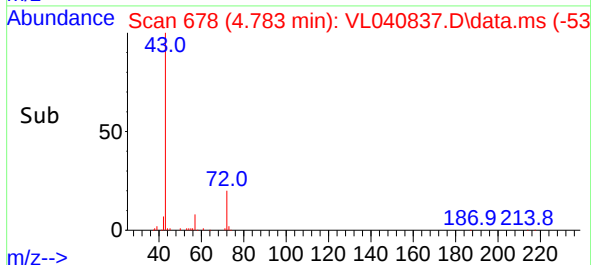
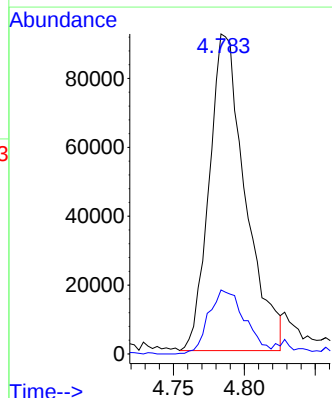
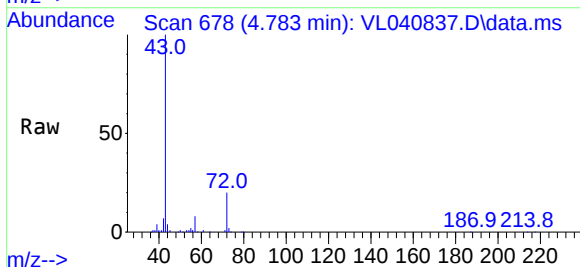
Acq: 13 Nov 2023 12:03

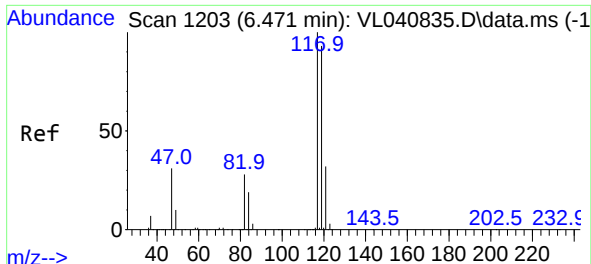
Tgt Ion: 43 Resp: 163382

Ion Ratio Lower Upper

43 100

72 23.7 17.2 25.8

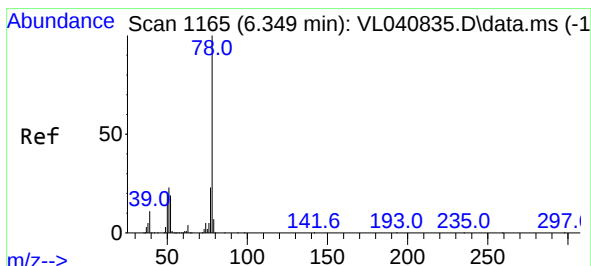
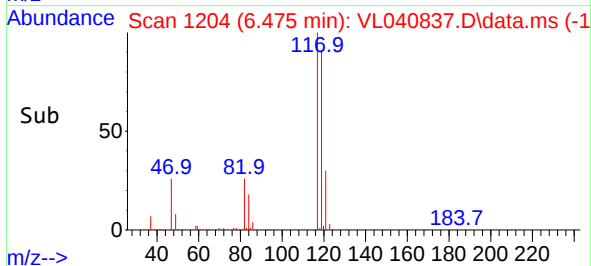
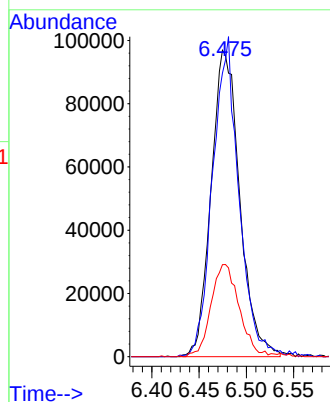
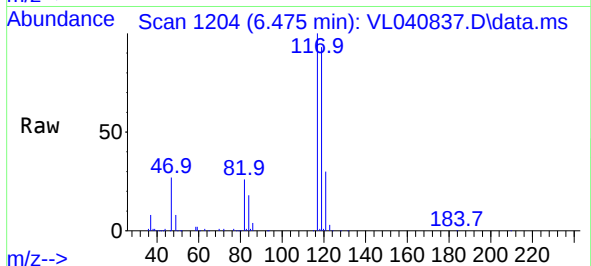




#35
Carbon Tetrachloride
Concen: 1.093 ppbv
RT: 6.475 min Scan# 117
Delta R.T. -0.032 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

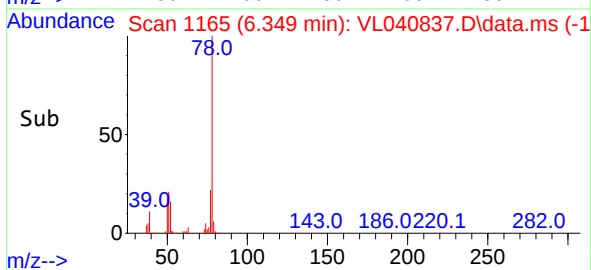
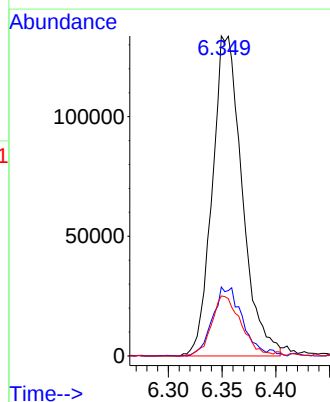
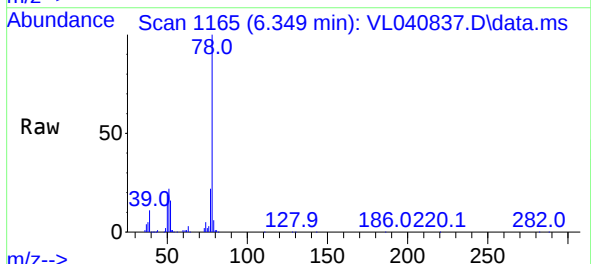
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

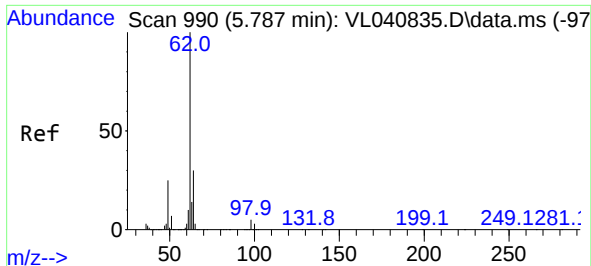
Tgt Ion:117 Resp: 203828
Ion Ratio Lower Upper
117 100
119 92.0 74.7 112.1
121 29.8 25.5 38.3



#36
Benzene
Concen: 1.048 ppbv
RT: 6.349 min Scan# 1165
Delta R.T. -0.036 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

Tgt Ion: 78 Resp: 258412
Ion Ratio Lower Upper
78 100
77 21.6 18.4 27.6
50 18.8 16.2 24.2

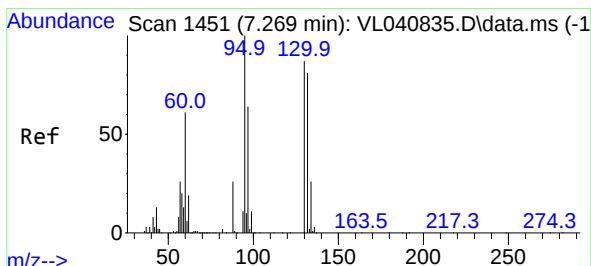
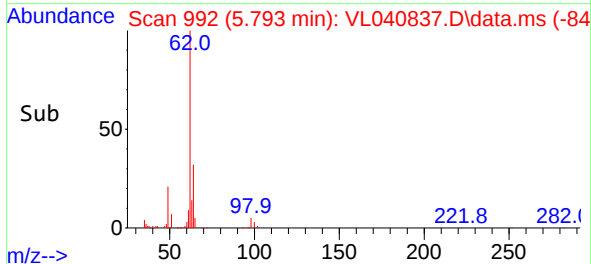
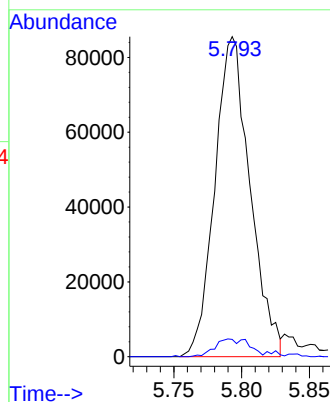
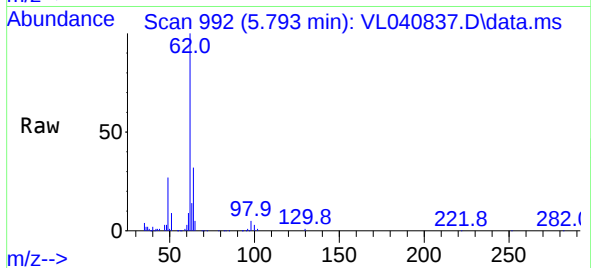




#37
1,2-Dichloroethane
Concen: 1.063 ppbv
RT: 5.793 min Scan# 990
Delta R.T. -0.029 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

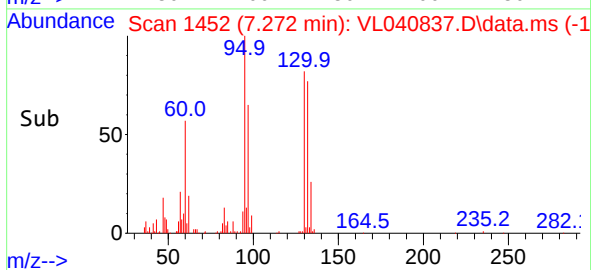
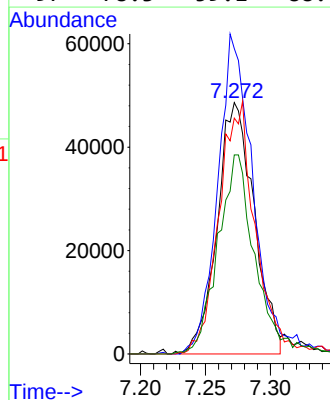
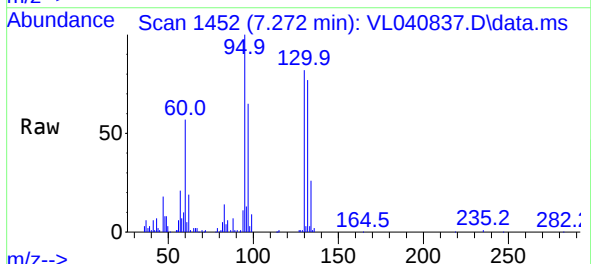
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

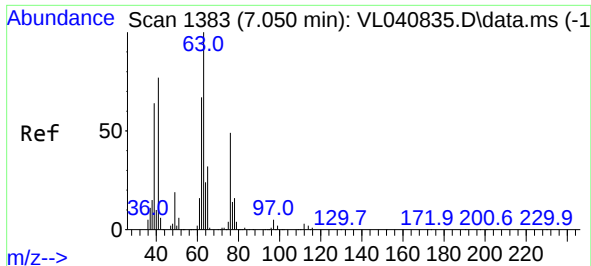
Tgt Ion: 62 Resp: 154641
Ion Ratio Lower Upper
62 100
98 6.3 4.6 6.8



#38
Trichloroethene
Concen: 1.001 ppbv
RT: 7.272 min Scan# 1452
Delta R.T. -0.026 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

Tgt Ion:130 Resp: 95983
Ion Ratio Lower Upper
130 100
95 121.5 92.4 138.6
132 93.2 75.1 112.7
97 78.3 59.1 88.7





#39

1,2-Dichloropropane

Concen: 1.054 ppbv

RT: 7.057 min Scan# 11

Delta R.T. -0.026 min

Lab File: VL040837.D

Acq: 13 Nov 2023 12:03

Instrument :

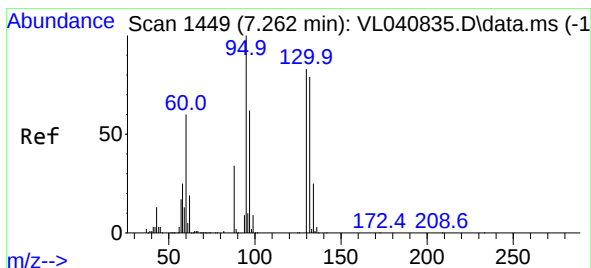
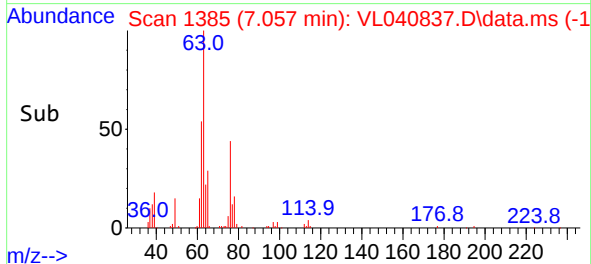
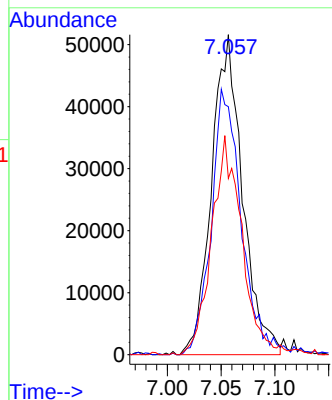
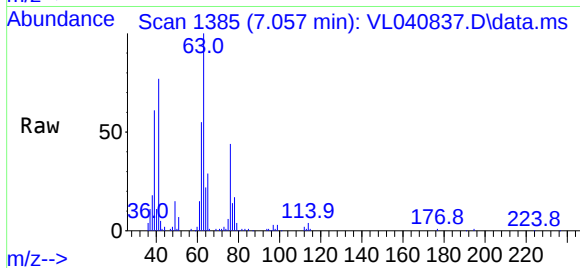
MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion: 63 Resp: 103066

Ion	Ratio	Lower	Upper
63	100		
41	77.5	61.5	92.3
62	55.1	53.9	80.9



#40

1,4-Dioxane

Concen: 0.484 ppbv

RT: 7.291 min Scan# 1458

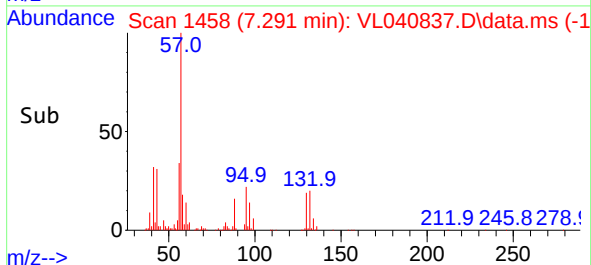
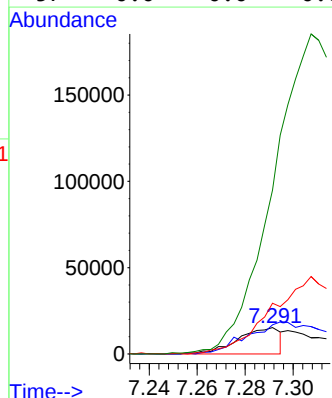
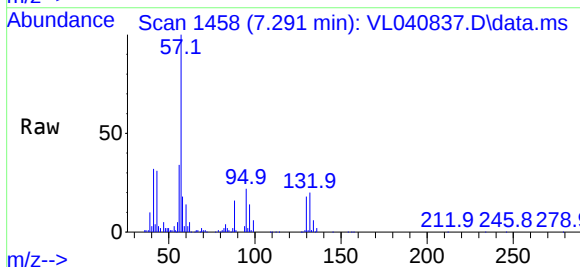
Delta R.T. -0.000 min

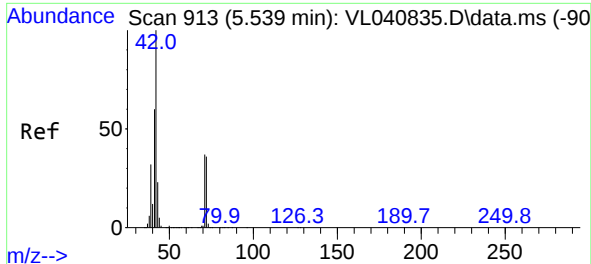
Lab File: VL040837.D

Acq: 13 Nov 2023 12:03

Tgt Ion: 88 Resp: 18793

Ion	Ratio	Lower	Upper
88	100		
58	0.0	101.0	151.6#
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 0.984 ppbv

RT: 5.555 min Scan# 913

Delta R.T. -0.019 min

Lab File: VL040837.D

Acq: 13 Nov 2023 12:03

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

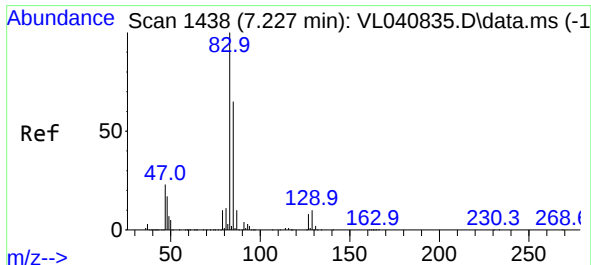
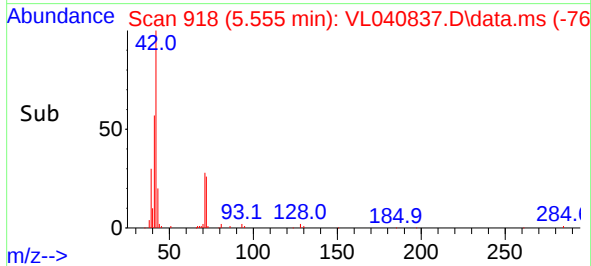
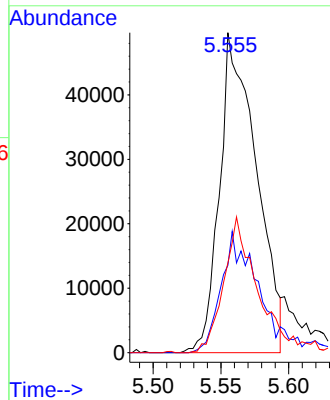
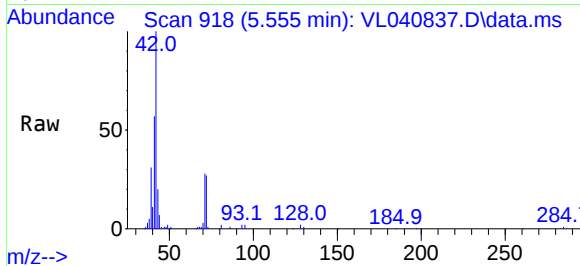
Tgt Ion: 42 Resp: 93736

Ion Ratio Lower Upper

42 100

72 42.1 30.8 46.2

71 40.6 30.0 45.0



#42

Bromodichloromethane

Concen: 1.010 ppbv

RT: 7.227 min Scan# 1438

Delta R.T. -0.032 min

Lab File: VL040837.D

Acq: 13 Nov 2023 12:03

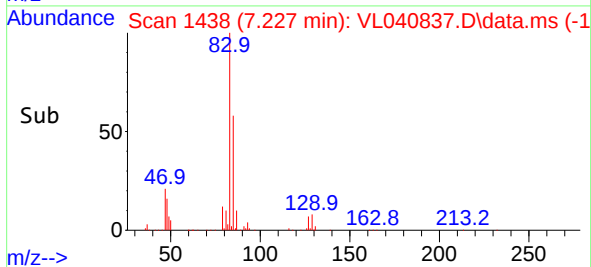
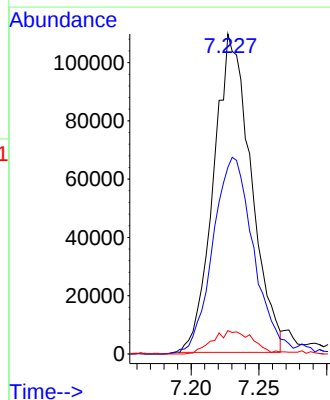
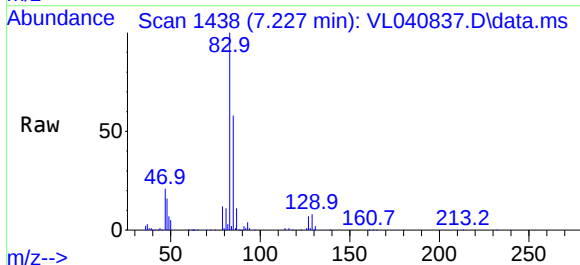
Tgt Ion: 83 Resp: 210280

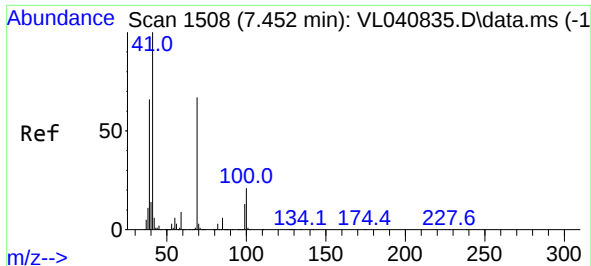
Ion Ratio Lower Upper

83 100

85 56.9 52.3 78.5

127 7.3 6.6 10.0

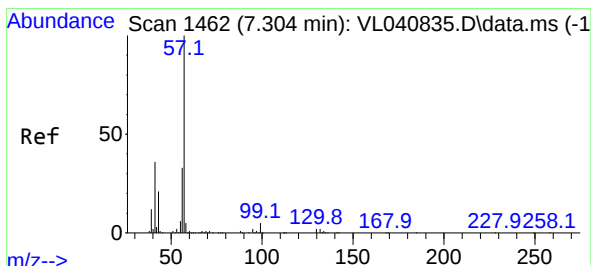
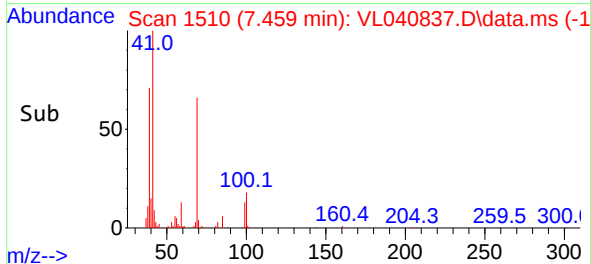
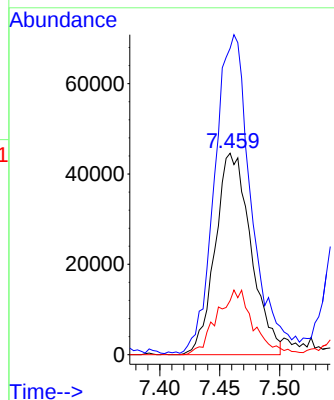
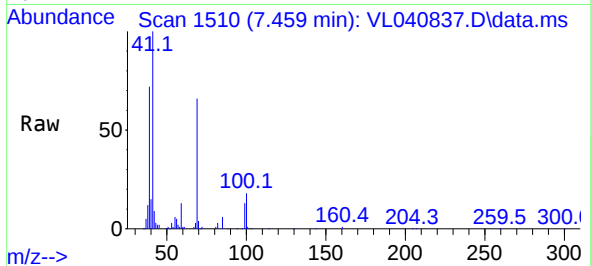




#43
Methyl Methacrylate
Concen: 0.984 ppbv
RT: 7.459 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

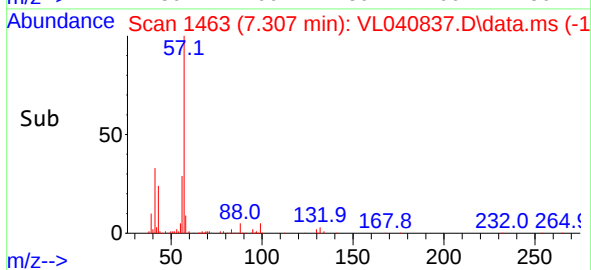
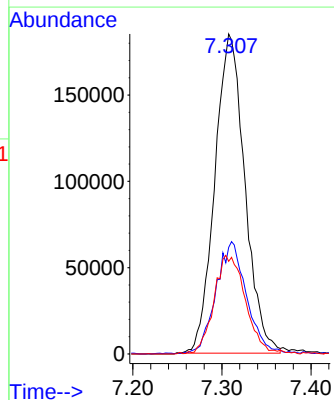
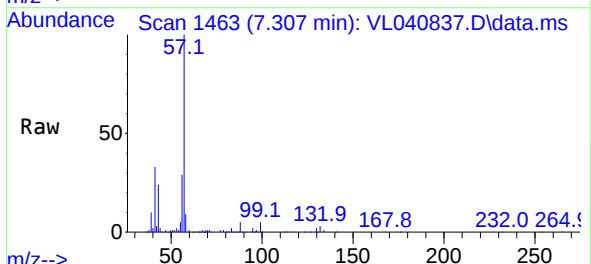
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

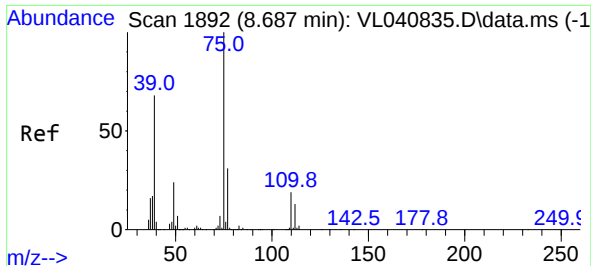
Tgt Ion: 69 Resp: 92492
Ion Ratio Lower Upper
69 100
41 163.9 123.0 184.4
100 33.1 25.4 38.2



#44
2,2,4-Trimethylpentane
Concen: 1.056 ppbv
RT: 7.307 min Scan# 1463
Delta R.T. -0.026 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

Tgt Ion: 57 Resp: 432580
Ion Ratio Lower Upper
57 100
41 36.6 29.0 43.6
56 32.9 25.2 37.8

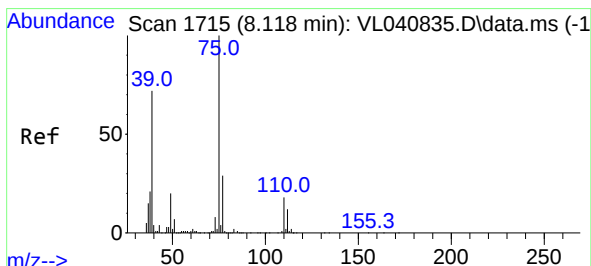
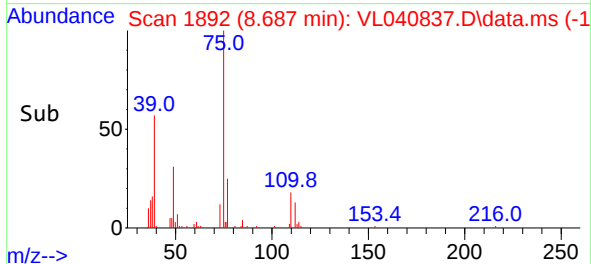
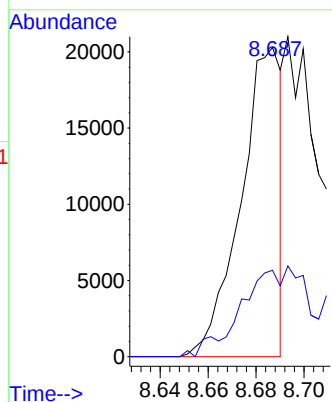
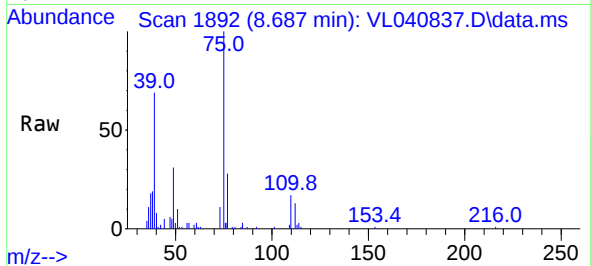




#45
t-1,3-Dichloropropene
Concen: 0.430 ppbv
RT: 8.687 min Scan# 11
Delta R.T. -0.023 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

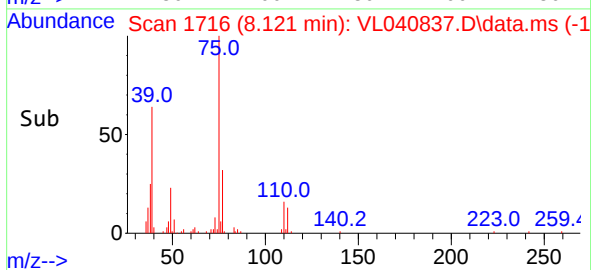
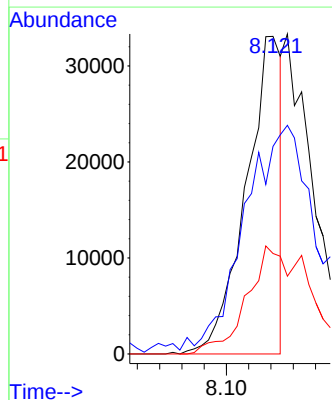
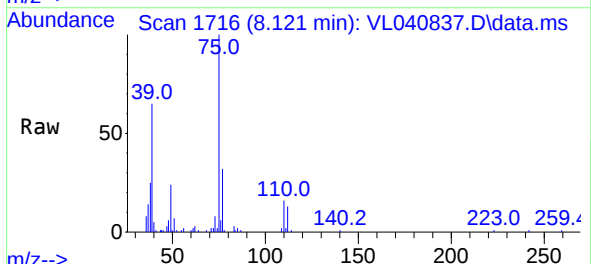
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

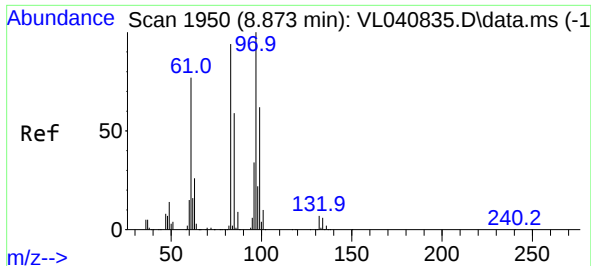
Tgt Ion: 75 Resp: 23756
Ion Ratio Lower Upper
75 100
77 27.2 24.9 37.3



#46
cis-1,3-Dichloropropene
Concen: 0.509 ppbv
RT: 8.121 min Scan# 1716
Delta R.T. -0.026 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

Tgt Ion: 75 Resp: 36407
Ion Ratio Lower Upper
75 100
39 64.1 57.3 85.9
77 31.7 23.0 34.6



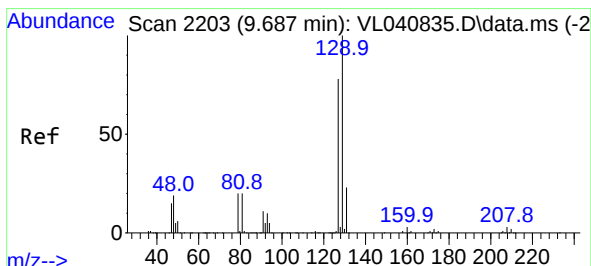
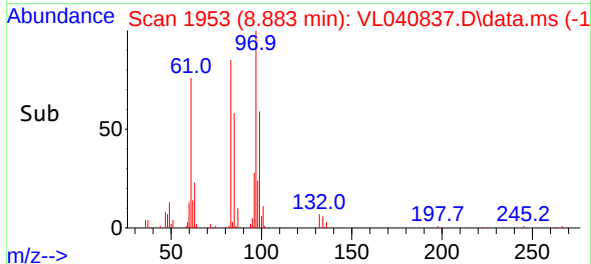
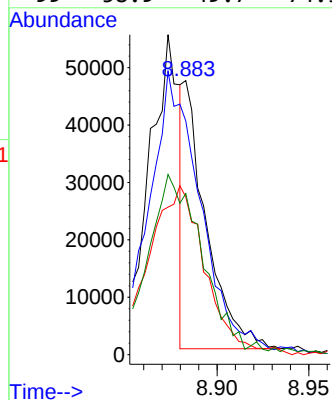
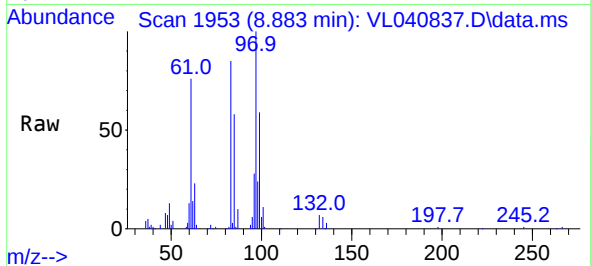


#47
1,1,2-Trichloroethane
Concen: 0.394 ppbv
RT: 8.883 min Scan# 1953
Delta R.T. -0.016 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 97 Resp: 40368

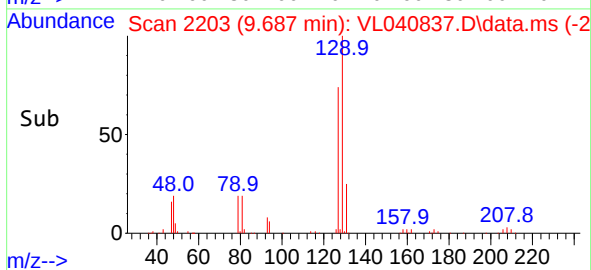
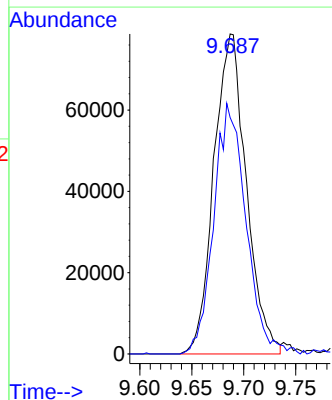
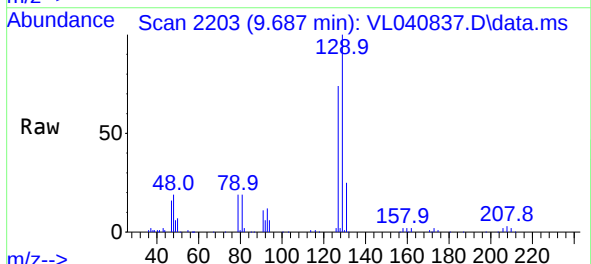
Ion	Ratio	Lower	Upper
97	100		
83	84.2	74.8	112.2
85	57.1	47.4	71.0
99	58.9	49.7	74.5

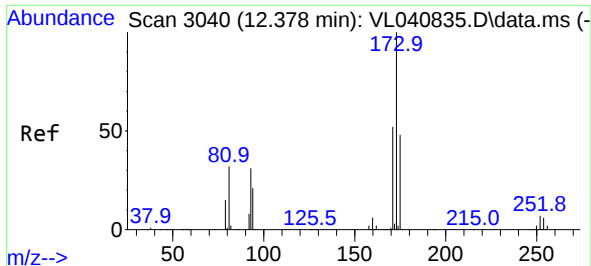


#48
Dibromochloromethane
Concen: 1.006 ppbv
RT: 9.687 min Scan# 2203
Delta R.T. -0.026 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

Tgt Ion: 129 Resp: 170964

Ion	Ratio	Lower	Upper
129	100		
127	77.8	39.3	117.9

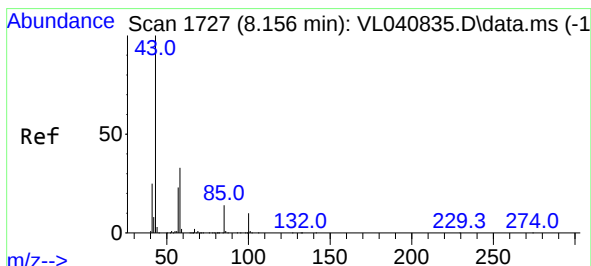
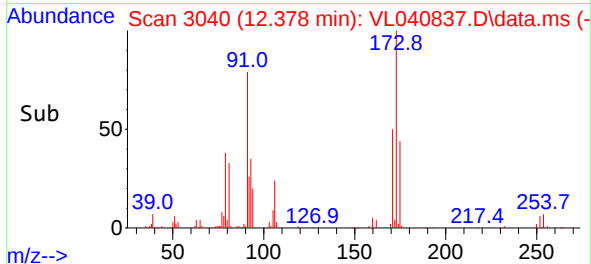
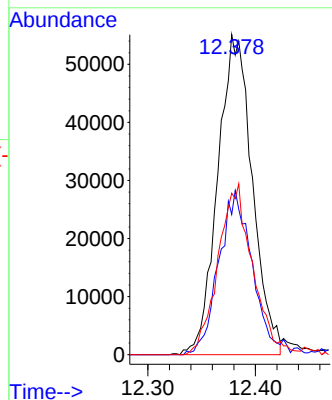
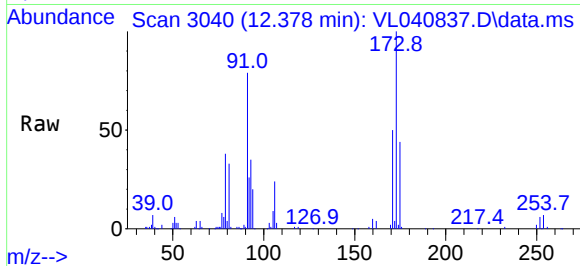




#49
Bromoform
Concen: 0.963 ppbv
RT: 12.378 min Scan# 3040
Delta R.T. -0.026 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

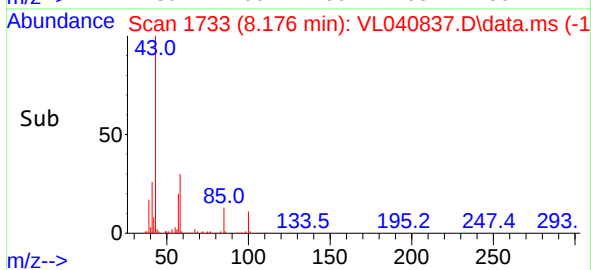
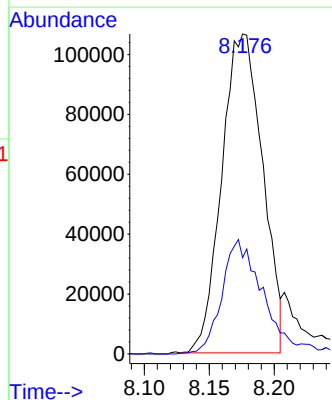
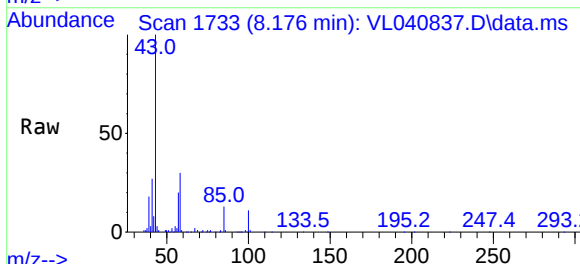
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

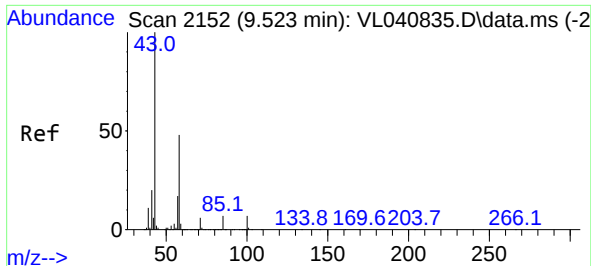
Tgt Ion:173 Resp: 123087
Ion Ratio Lower Upper
173 100
175 50.7 39.0 58.6
171 54.0 41.8 62.6



#50
4-Methyl-2-Pentanone
Concen: 0.972 ppbv
RT: 8.176 min Scan# 1733
Delta R.T. -0.010 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

Tgt Ion: 43 Resp: 232718
Ion Ratio Lower Upper
43 100
58 37.1 27.8 41.6

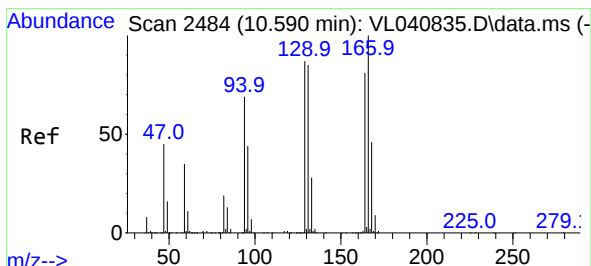
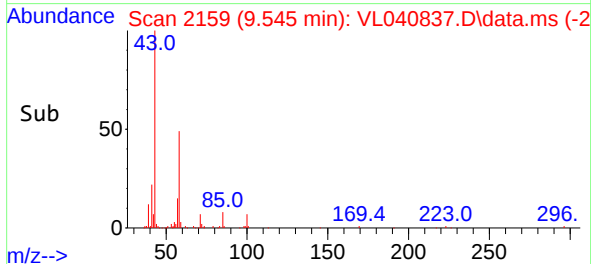
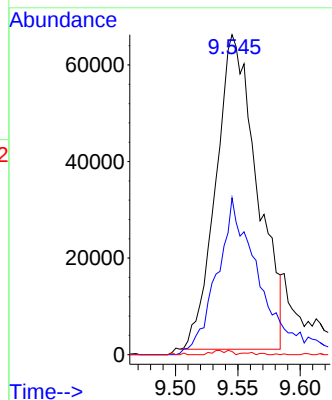
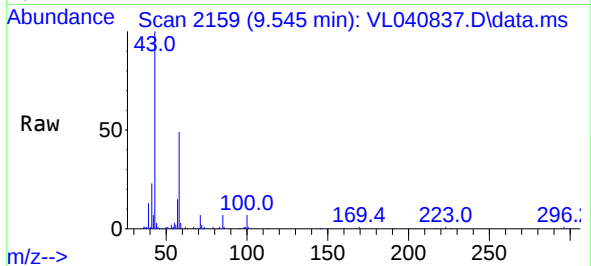




#51
2-Hexanone
Concen: 0.888 ppbv
RT: 9.545 min Scan# 2152
Delta R.T. -0.003 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

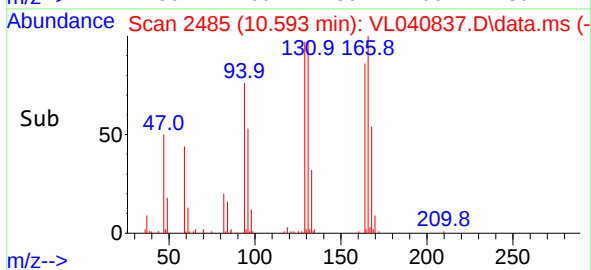
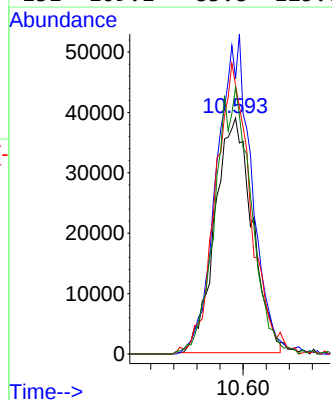
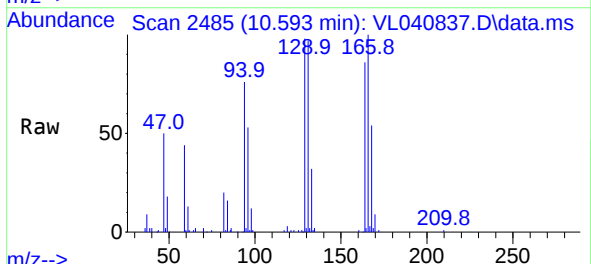
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

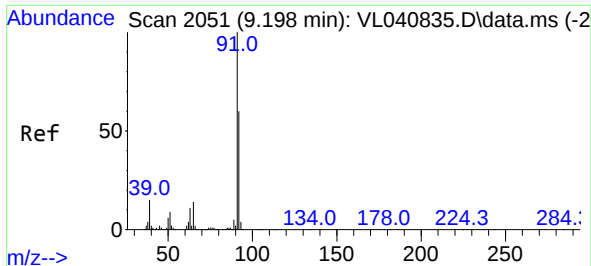
Tgt Ion: 43 Resp: 149993
Ion Ratio Lower Upper
43 100
58 53.4 37.4 56.2
98 0.6 0.2 0.2#



#52
Tetrachloroethene
Concen: 1.049 ppbv
RT: 10.593 min Scan# 2485
Delta R.T. -0.023 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

Tgt Ion:164 Resp: 87141
Ion Ratio Lower Upper
164 100
166 113.5 98.3 147.5
129 108.5 85.1 127.7
131 109.1 83.8 125.6

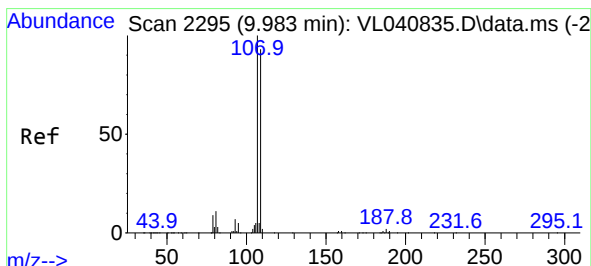
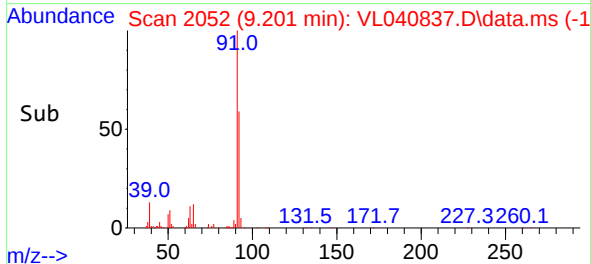
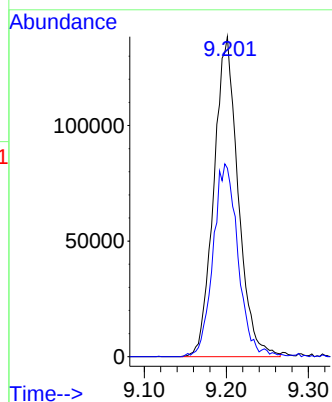
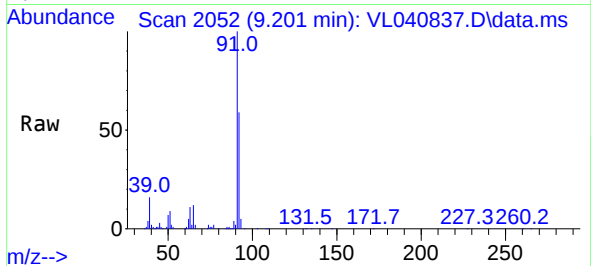




#53
Toluene
Concen: 1.053 ppbv
RT: 9.201 min Scan# 2051
Delta R.T. -0.023 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

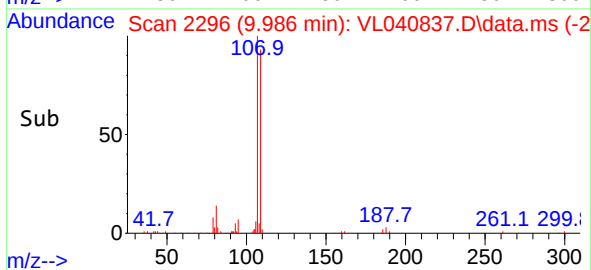
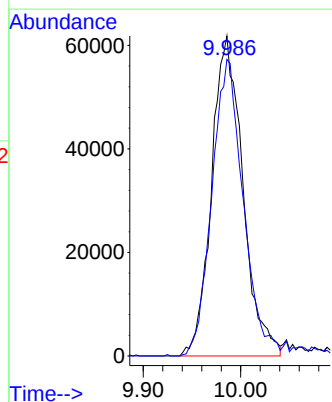
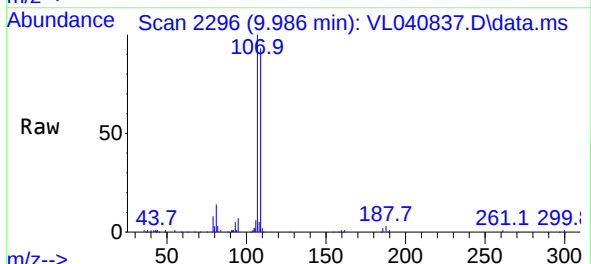
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC001

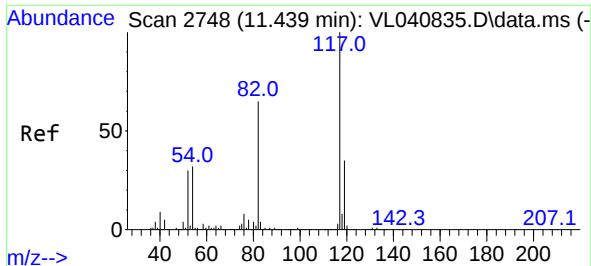
Tgt Ion: 91 Resp: 285623
Ion Ratio Lower Upper
91 100
92 62.2 49.4 74.2



#54
1,2-Dibromoethane
Concen: 1.042 ppbv
RT: 9.986 min Scan# 2296
Delta R.T. -0.023 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

Tgt Ion: 107 Resp: 137404
Ion Ratio Lower Upper
107 100
109 92.6 74.5 111.7

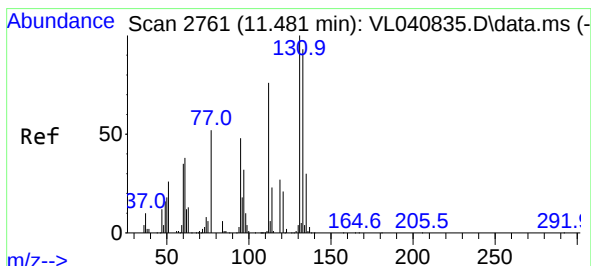
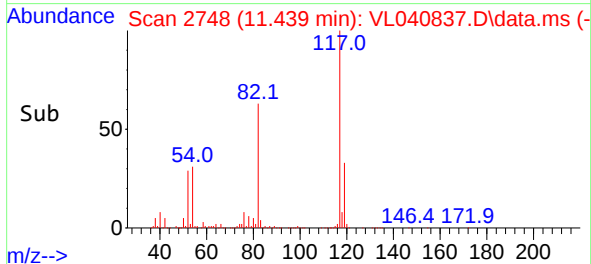
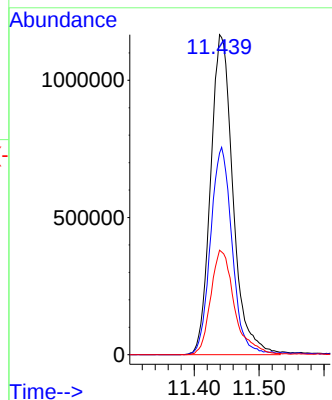
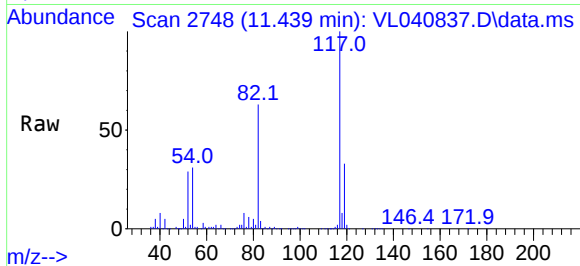




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.439 min Scan# 21
Delta R.T. -0.023 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

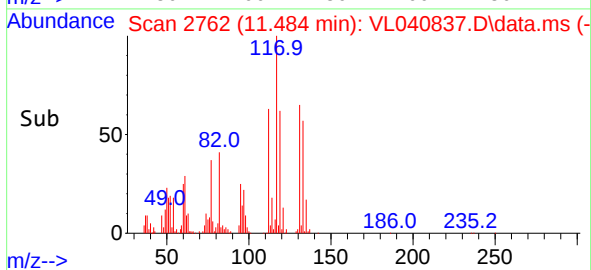
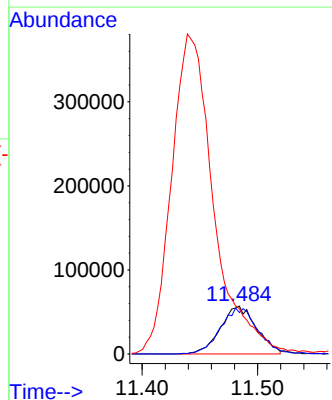
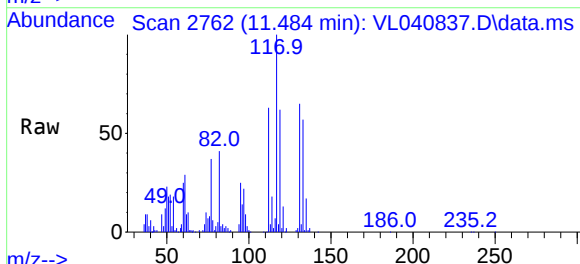
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

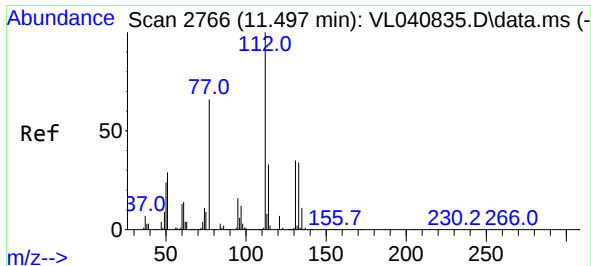
Tgt Ion:117 Resp: 2793969
Ion Ratio Lower Upper
117 100
82 63.4 50.6 75.8
119 34.9 23.3 34.9



#56
1,1,1,2-Tetrachloroethane
Concen: 1.031 ppbv
RT: 11.484 min Scan# 2762
Delta R.T. -0.023 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

Tgt Ion:131 Resp: 123240
Ion Ratio Lower Upper
131 100
133 100.1 76.4 114.6
119 791.4 51.1 76.7#

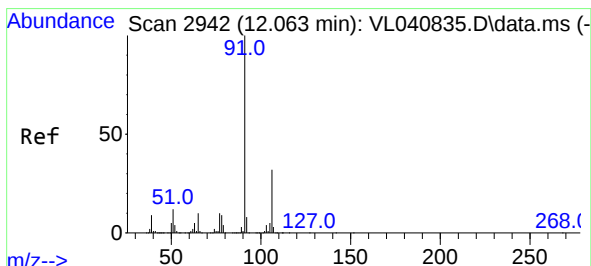
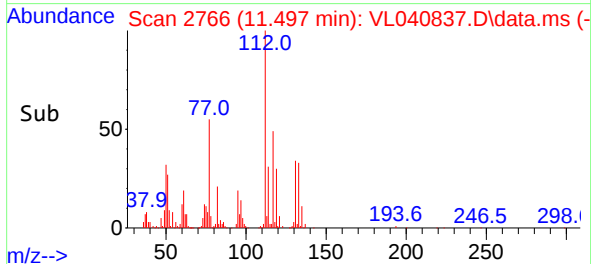
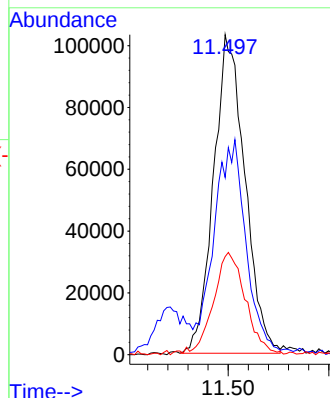
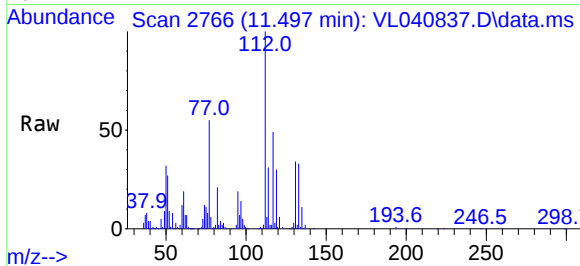




#57
Chlorobenzene
Concen: 1.076 ppbv
RT: 11.497 min Scan# 2112
Delta R.T. -0.026 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

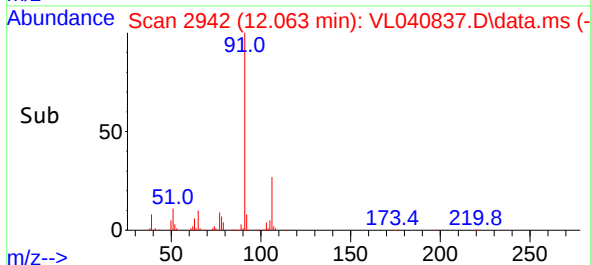
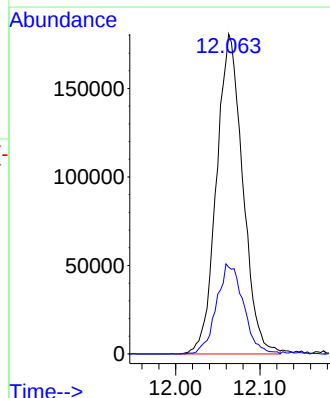
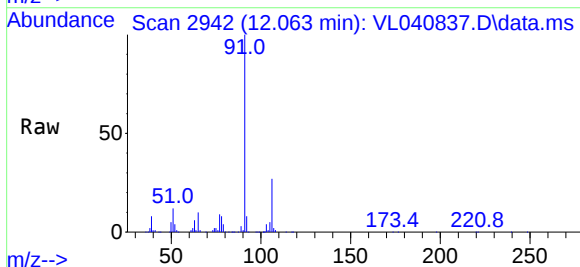
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

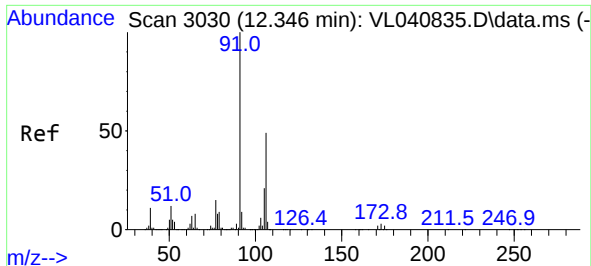
Tgt Ion:112 Resp: 222740
Ion Ratio Lower Upper
112 100
77 54.3 53.3 79.9
114 29.7 29.3 35.9



#58
Ethyl Benzene
Concen: 1.074 ppbv
RT: 12.063 min Scan# 2942
Delta R.T. -0.023 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

Tgt Ion: 91 Resp: 391353
Ion Ratio Lower Upper
91 100
106 27.1 25.2 37.8





#59

m/p-Xylene

Concen: 0.570 ppbv

RT: 12.346 min Scan# 3030

Delta R.T. -0.023 min

Lab File: VL040837.D

Acq: 13 Nov 2023 12:03

Instrument :

MSVOA_L

ClientSampleId :

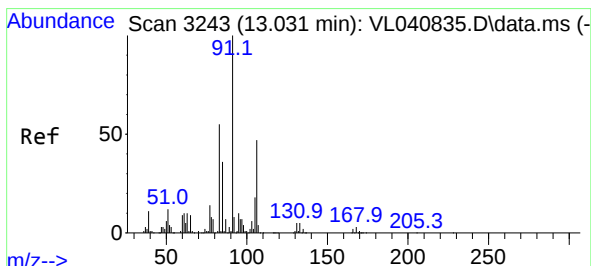
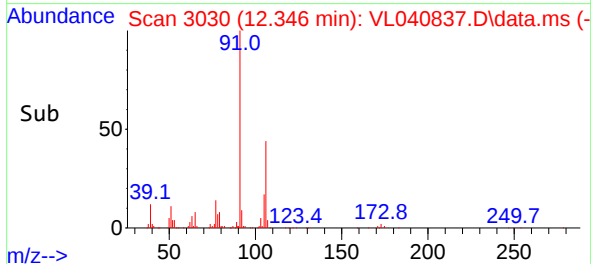
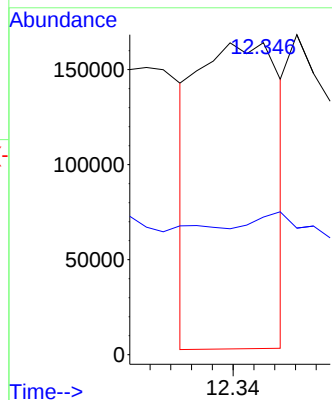
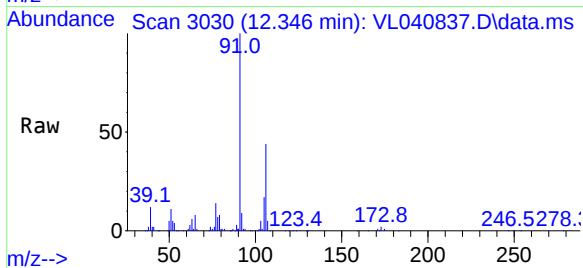
VSTDIC001

Tgt Ion: 91 Resp: 176993

Ion Ratio Lower Upper

91 100

106 0.0 35.4 53.0#



#60

o-Xylene

Concen: 0.524 ppbv

RT: 13.027 min Scan# 3242

Delta R.T. -0.026 min

Lab File: VL040837.D

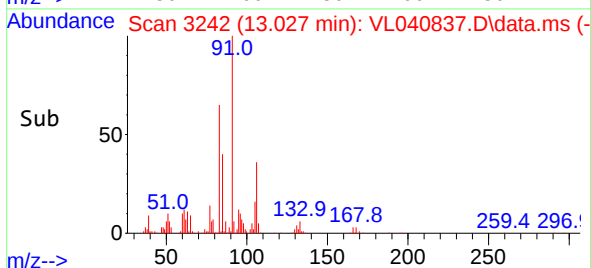
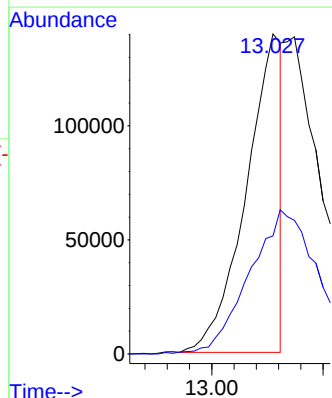
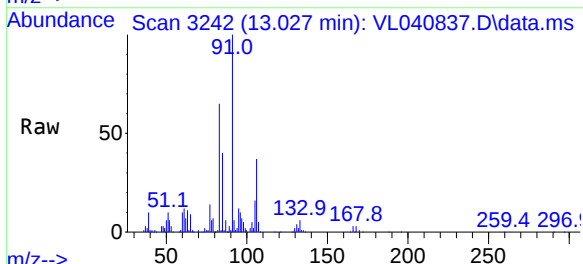
Acq: 13 Nov 2023 12:03

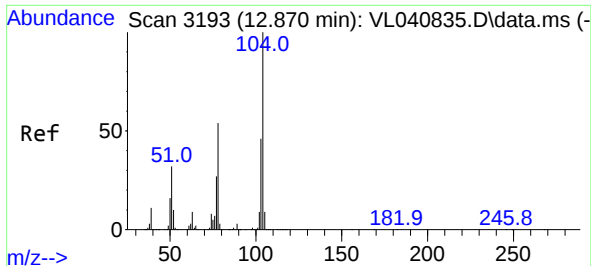
Tgt Ion: 91 Resp: 154883

Ion Ratio Lower Upper

91 100

106 90.5 22.9 68.5#

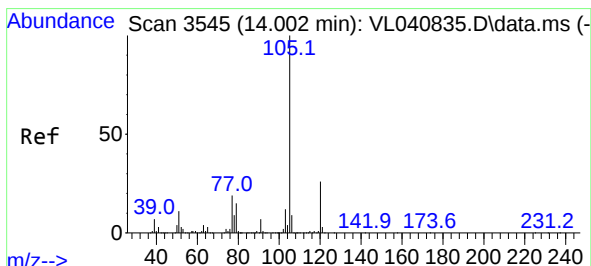
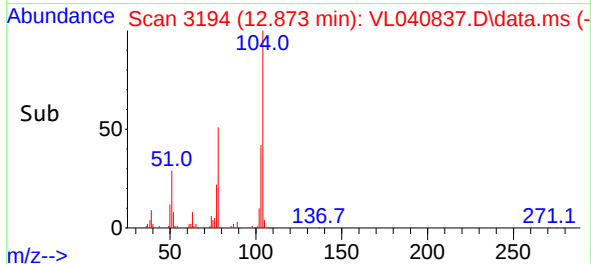
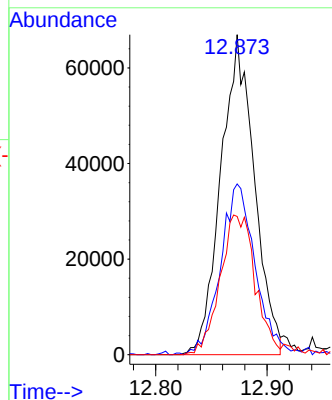
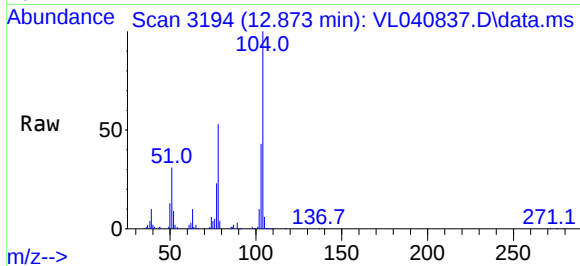




#61
Styrene
Concen: 0.981 ppbv
RT: 12.873 min Scan# 3194
Delta R.T. -0.019 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

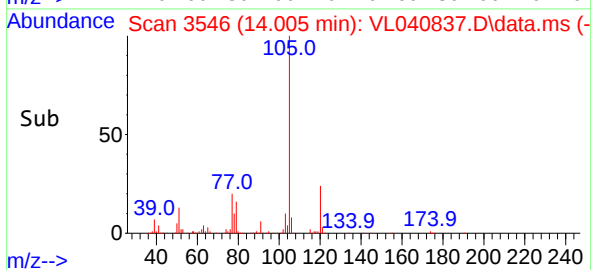
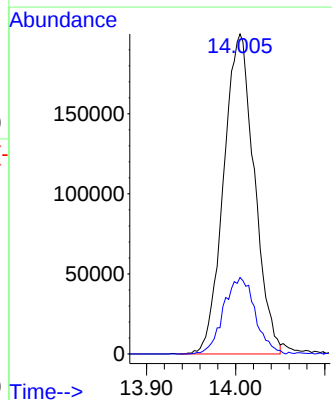
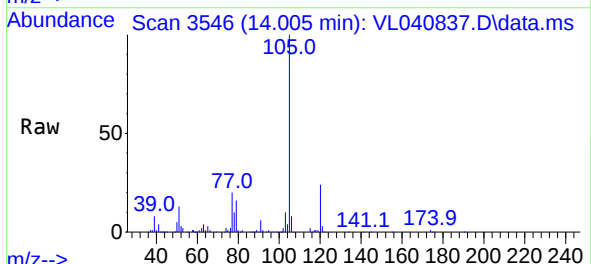
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

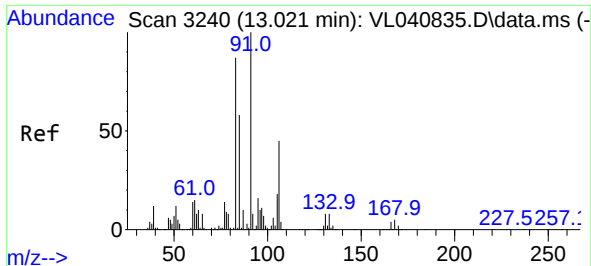
Tgt Ion:104 Resp: 139790
Ion Ratio Lower Upper
104 100
78 56.9 43.3 64.9
103 47.3 37.6 56.4



#62
Isopropylbenzene
Concen: 1.094 ppbv
RT: 14.005 min Scan# 3546
Delta R.T. -0.019 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

Tgt Ion:105 Resp: 477751
Ion Ratio Lower Upper
105 100
120 24.6 20.7 31.1

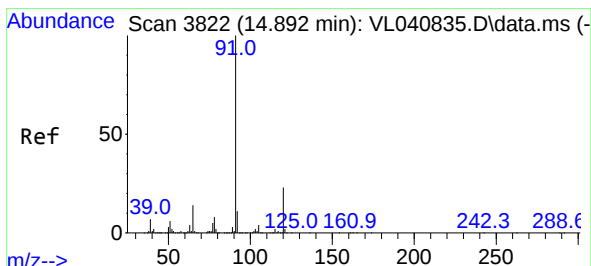
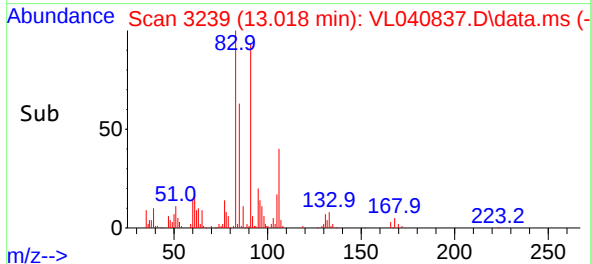
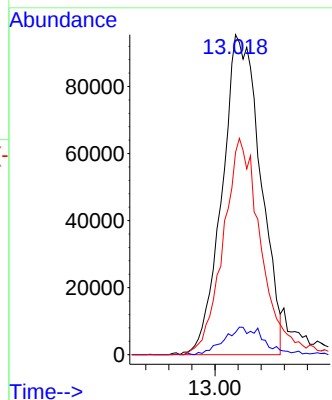
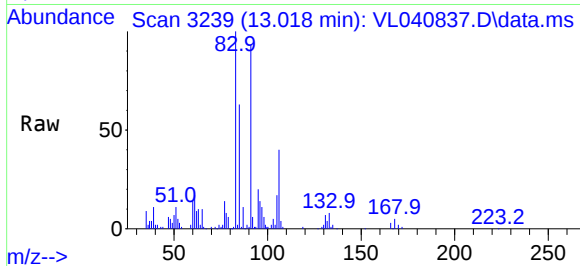




#63
1,1,2,2-Tetrachloroethane
Concen: 1.054 ppbv
RT: 13.018 min Scan# 31
Delta R.T. -0.023 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

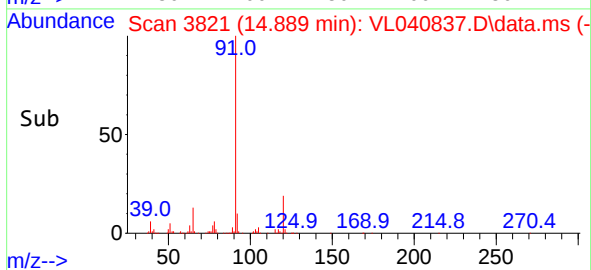
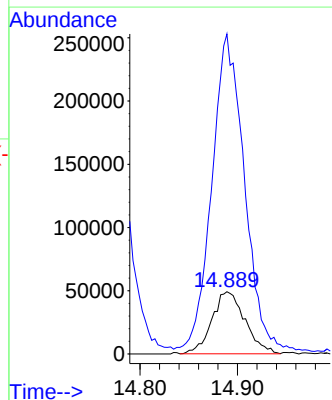
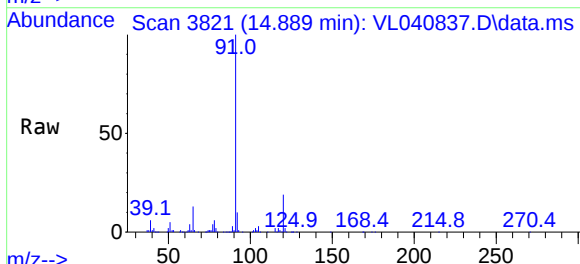
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

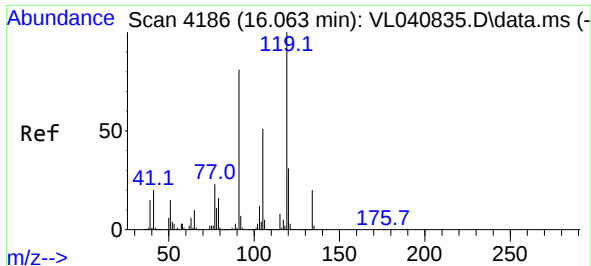
Tgt Ion: 83 Resp: 220731
Ion Ratio Lower Upper
83 100
131 9.1 4.5 13.7
85 68.1 32.9 98.7



#64
n-propylbenzene
Concen: 1.058 ppbv
RT: 14.889 min Scan# 3821
Delta R.T. -0.019 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

Tgt Ion: 120 Resp: 115722
Ion Ratio Lower Upper
120 100
91 515.4 381.1 571.7

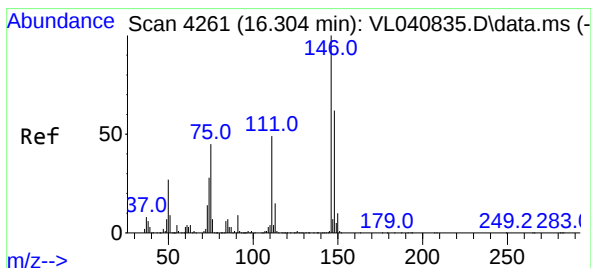
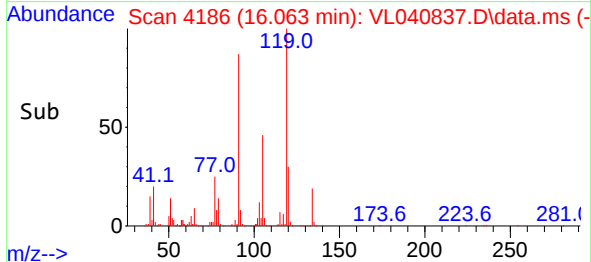
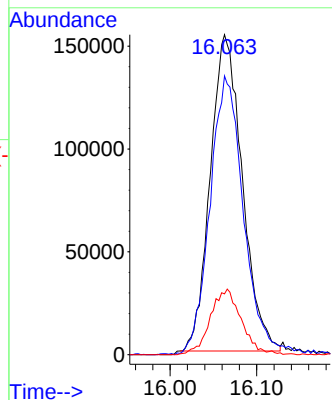
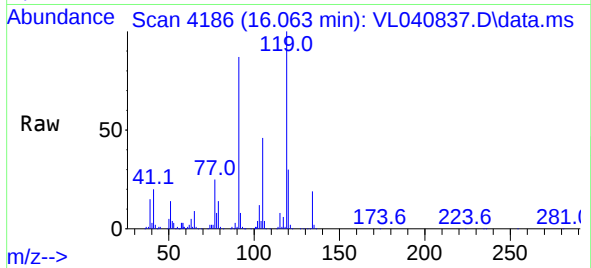




#65
tert-Butylbenzene
Concen: 1.074 ppbv
RT: 16.063 min Scan# 4186
Delta R.T. -0.019 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

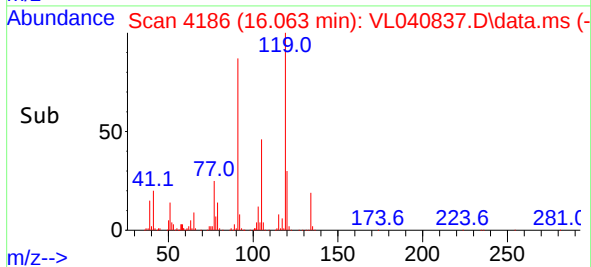
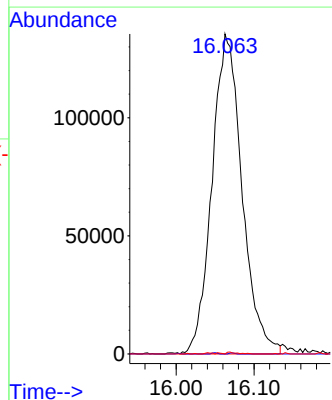
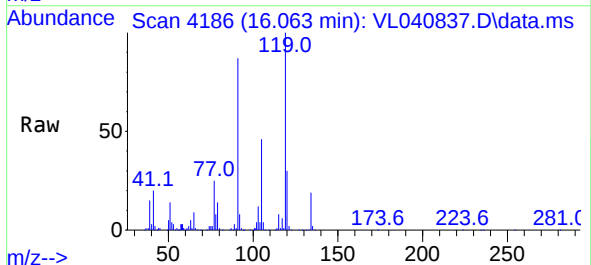
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

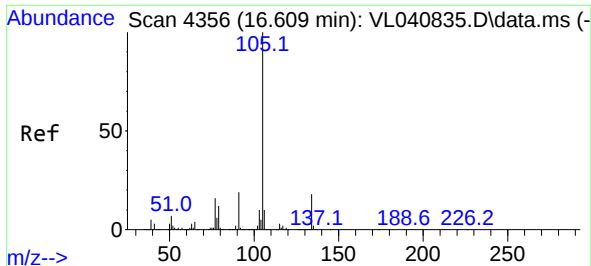
Tgt Ion:119 Resp: 395501
Ion Ratio Lower Upper
119 100
91 93.3 67.5 101.3
134 20.2 15.9 23.9



#66
Benzyl Chloride
Concen: 26.726 ppbv
RT: 16.063 min Scan# 4186
Delta R.T. -0.264 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

Tgt Ion: 91 Resp: 362557
Ion Ratio Lower Upper
91 100
126 0.1 12.8 19.2#
128 0.4 0.0 0.0#

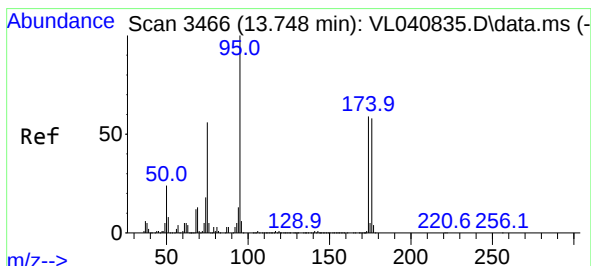
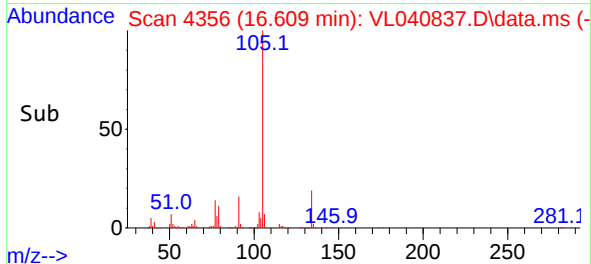
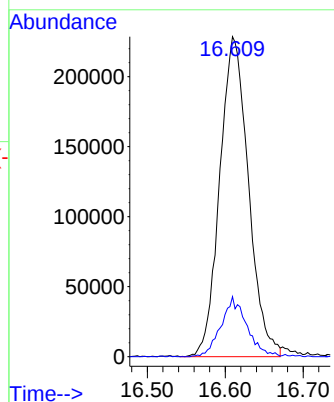
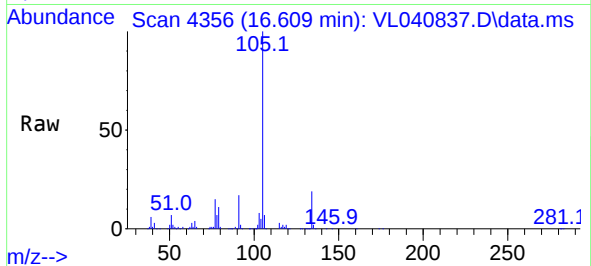




#67
 sec-Butylbenzene
 Concen: 1.113 ppbv
 RT: 16.609 min Scan# 4356
 Delta R.T. -0.019 min
 Lab File: VL040837.D
 Acq: 13 Nov 2023 12:03

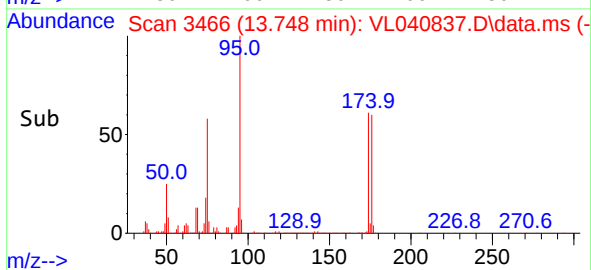
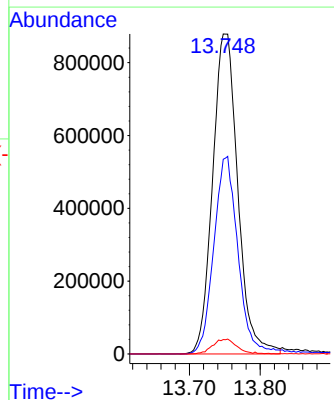
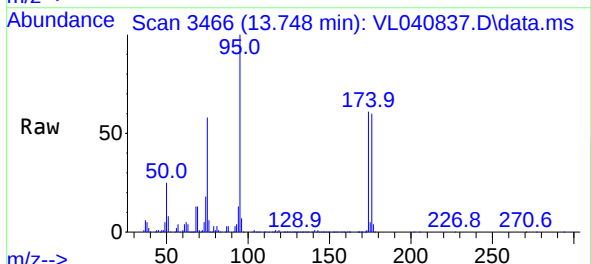
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

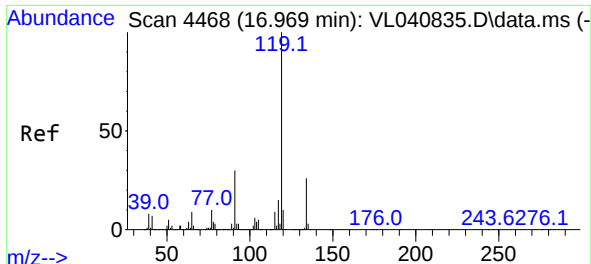
Tgt Ion:105 Resp: 585185
 Ion Ratio Lower Upper
 105 100
 134 17.0 14.3 21.5



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.929 ppbv
 RT: 13.748 min Scan# 3466
 Delta R.T. -0.023 min
 Lab File: VL040837.D
 Acq: 13 Nov 2023 12:03

Tgt Ion: 95 Resp: 2171964
 Ion Ratio Lower Upper
 95 100
 174 60.5 47.5 71.3
 175 4.5 3.6 5.4

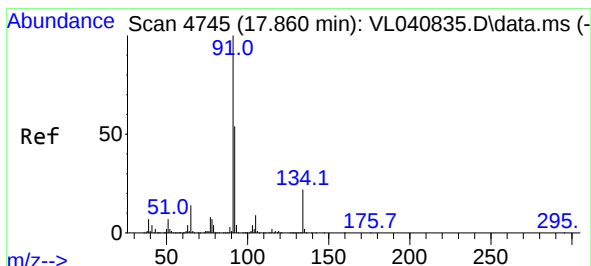
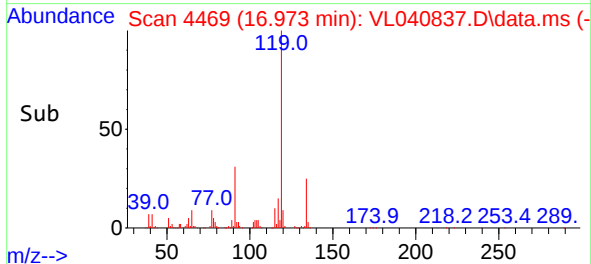
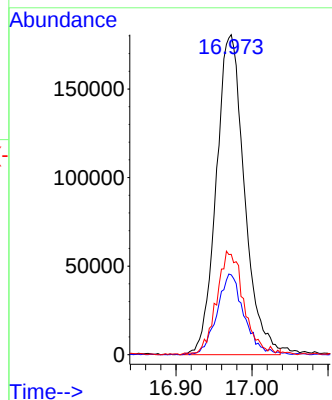
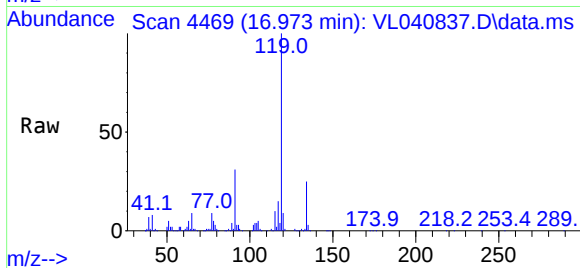




#69
p-Isopropyltoluene
Concen: 1.107 ppbv
RT: 16.973 min Scan# 4468
Delta R.T. -0.013 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

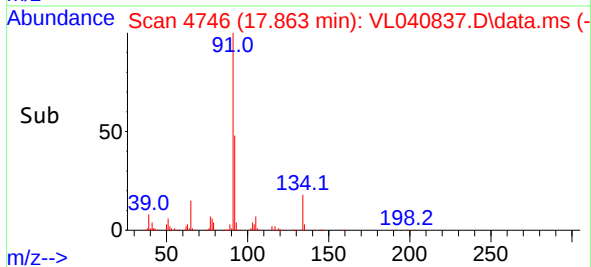
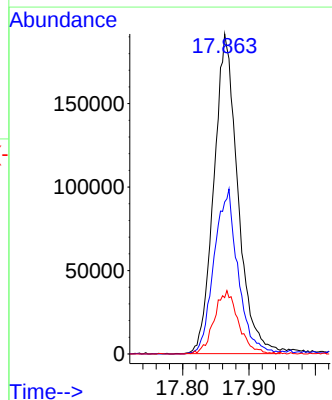
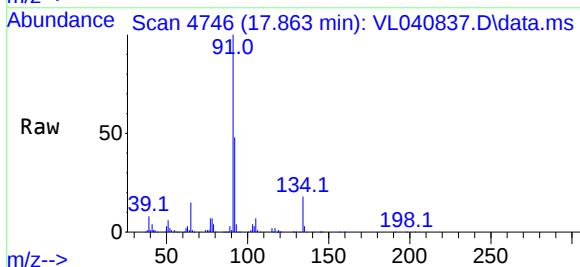
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

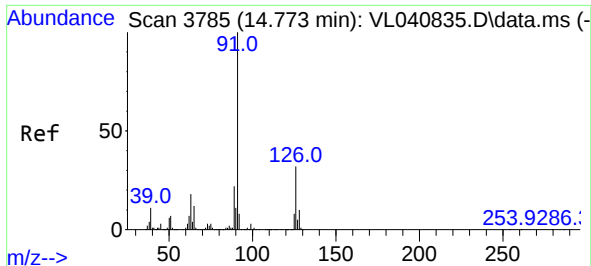
Tgt Ion:119 Resp: 464152
Ion Ratio Lower Upper
119 100
134 24.5 20.5 30.7
91 31.8 24.7 37.1



#70
n-Butylbenzene
Concen: 1.087 ppbv
RT: 17.863 min Scan# 4746
Delta R.T. -0.016 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

Tgt Ion: 91 Resp: 481193
Ion Ratio Lower Upper
91 100
92 51.9 43.4 65.2
134 20.2 17.4 26.0

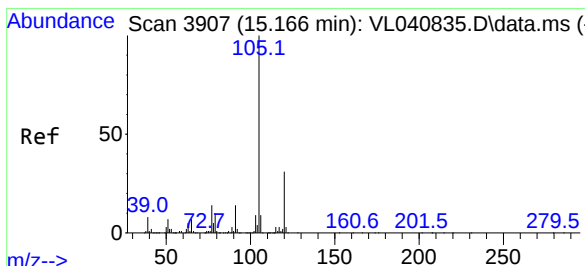
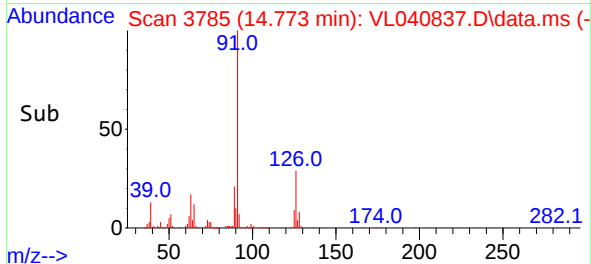
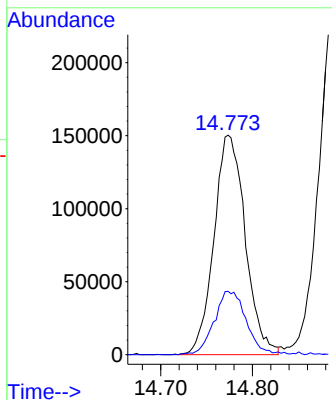
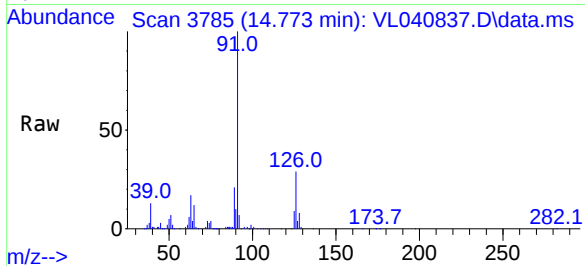




#71
2-Chlorotoluene
Concen: 1.073 ppbv
RT: 14.773 min Scan# 31
Delta R.T. -0.023 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

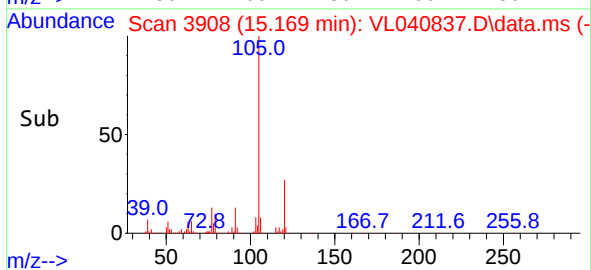
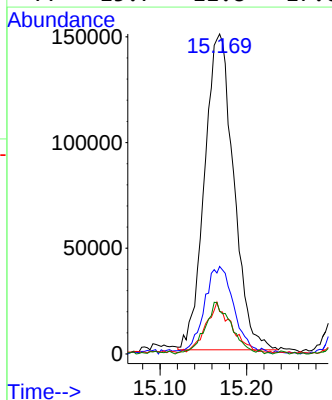
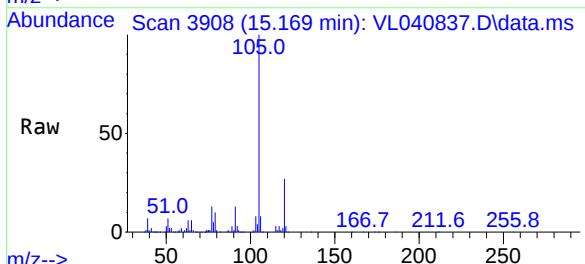
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

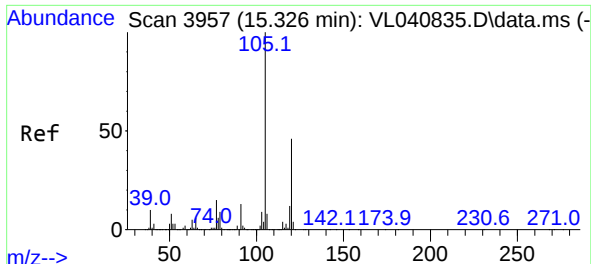
Tgt Ion: 91 Resp: 356964
Ion Ratio Lower Upper
91 100
126 30.0 12.1 48.5



#72
4-Ethyltoluene
Concen: 1.075 ppbv
RT: 15.169 min Scan# 3908
Delta R.T. -0.016 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

Tgt Ion:105 Resp: 349169
Ion Ratio Lower Upper
105 100
120 30.2 24.5 36.7
91 15.4 10.6 16.0
77 15.7 11.8 17.6

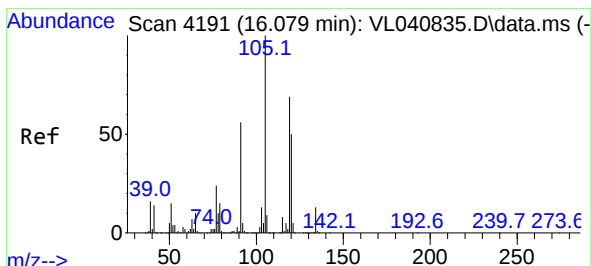
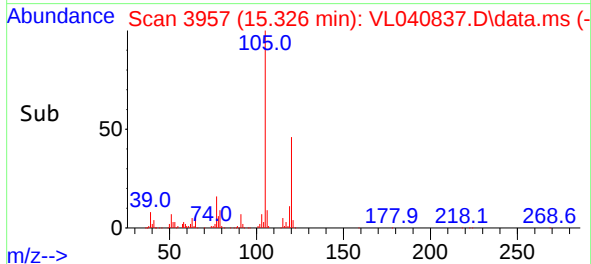
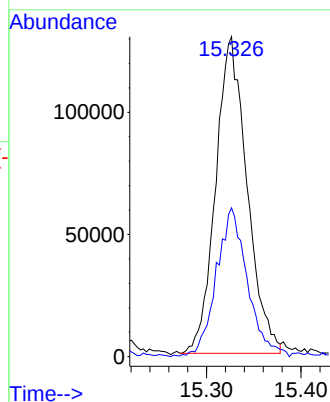
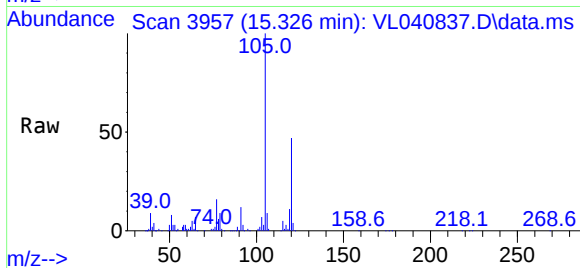




#73
 1,3,5-Trimethylbenzene
 Concen: 1.039 ppbv
 RT: 15.326 min Scan# 3957
 Delta R.T. -0.016 min
 Lab File: VL040837.D
 Acq: 13 Nov 2023 12:03

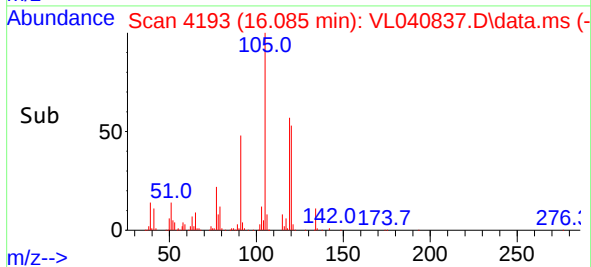
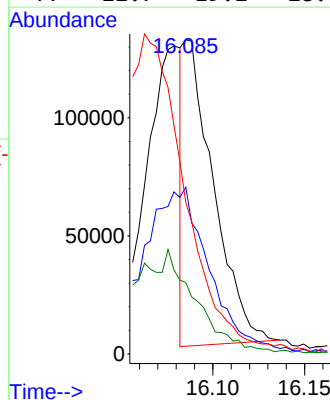
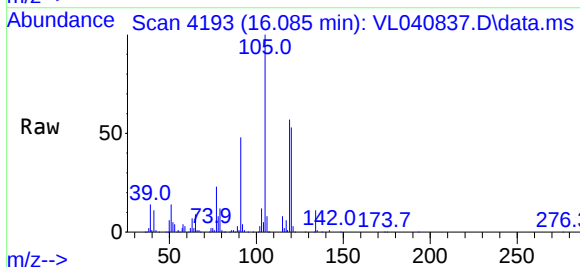
Instrument :
 MSVOA_L
 ClientSampleId :
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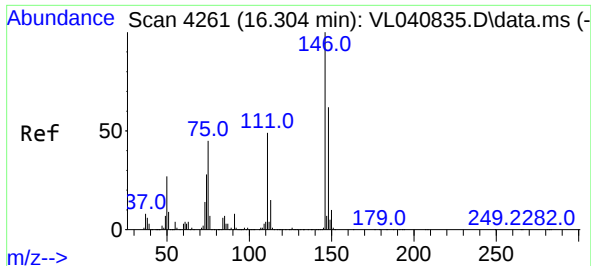
Tgt Ion:105 Resp: 298454
 Ion Ratio Lower Upper
 105 100
 120 46.8 36.8 55.2



#74
 1,2,4-Trimethylbenzene
 Concen: 0.457 ppbv
 RT: 16.085 min Scan# 4193
 Delta R.T. -0.016 min
 Lab File: VL040837.D
 Acq: 13 Nov 2023 12:03

Tgt Ion:105 Resp: 146436
 Ion Ratio Lower Upper
 105 100
 120 53.7 40.2 60.2
 91 46.8 45.7 68.5
 77 22.7 19.2 28.8

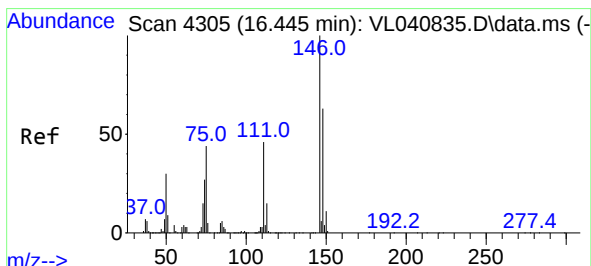
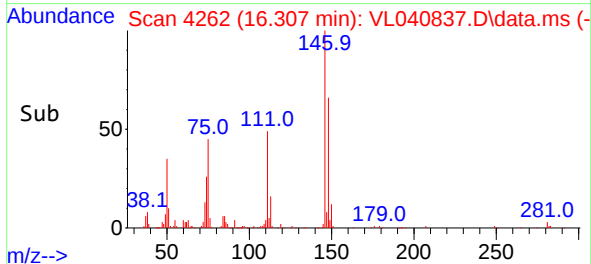
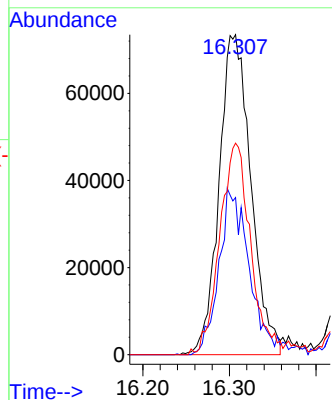
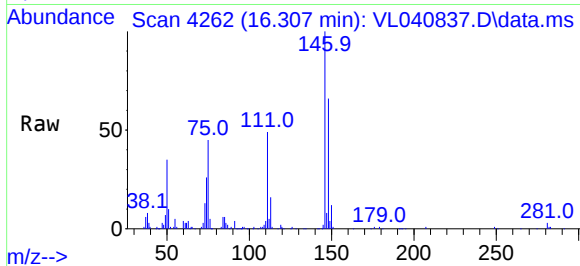




#75
1,3-Dichlorobenzene
Concen: 1.060 ppbv
RT: 16.307 min Scan# 41
Delta R.T. -0.016 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

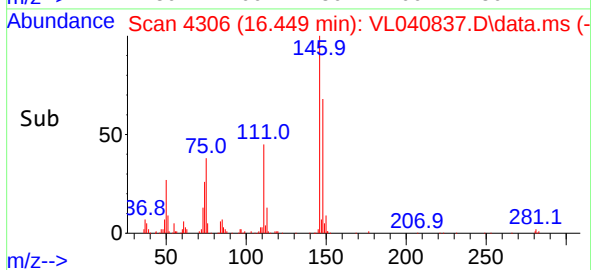
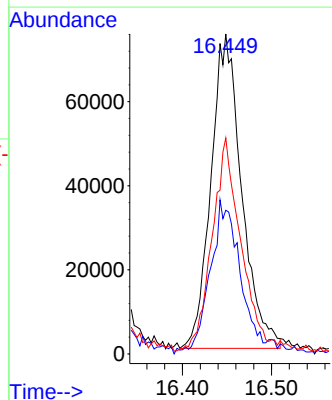
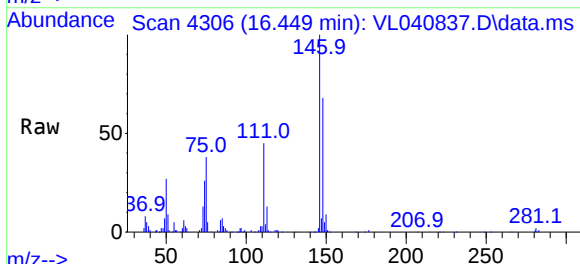
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

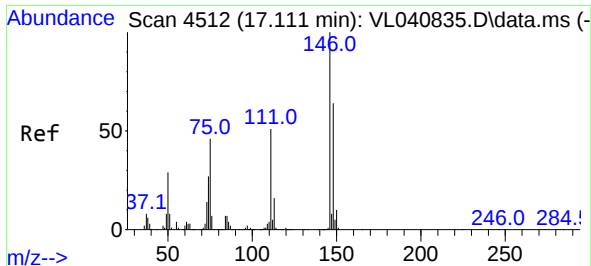
Tgt Ion:146 Resp: 187741
Ion Ratio Lower Upper
146 100
111 50.7 24.9 74.8
148 65.7 32.1 96.5



#76
1,4-Dichlorobenzene
Concen: 1.055 ppbv
RT: 16.449 min Scan# 4306
Delta R.T. -0.016 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

Tgt Ion:146 Resp: 178889
Ion Ratio Lower Upper
146 100
111 51.1 24.1 72.4
148 67.2 32.3 96.9

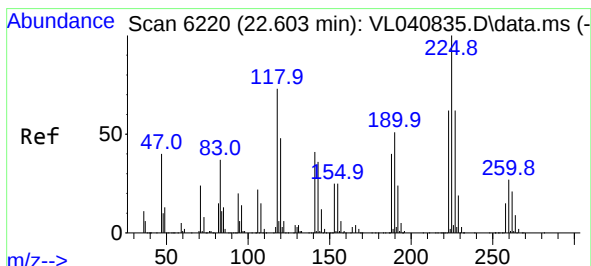
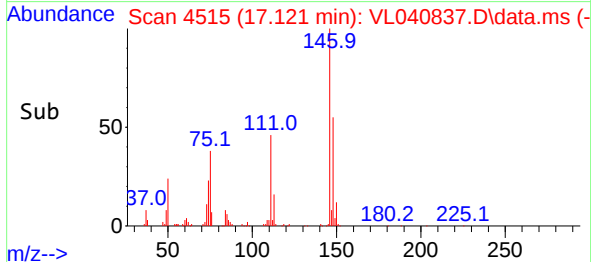
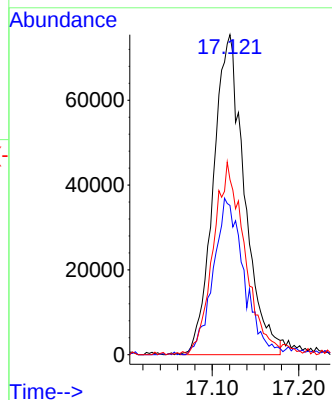
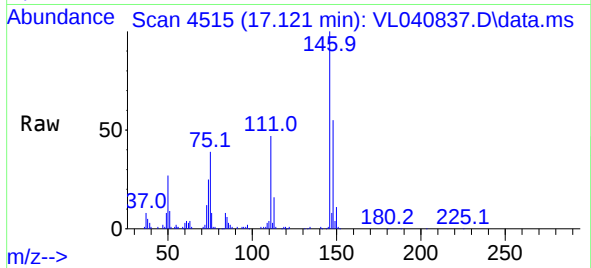




#77
1,2-Dichlorobenzene
Concen: 1.096 ppbv
RT: 17.121 min Scan# 411
Delta R.T. -0.013 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

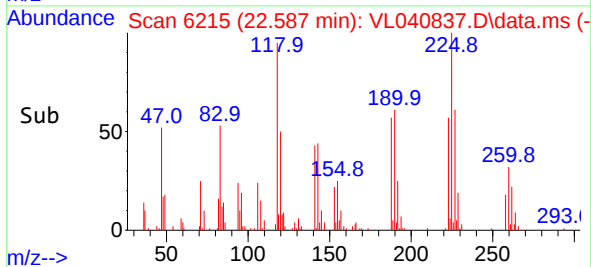
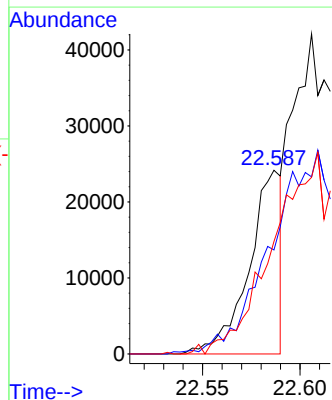
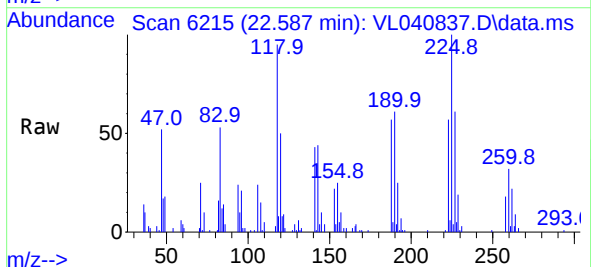
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

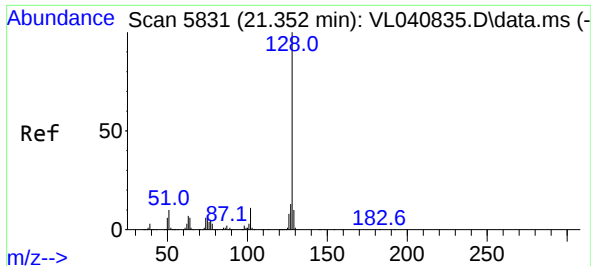
Tgt Ion:146 Resp: 188602
Ion Ratio Lower Upper
146 100
111 49.9 25.7 77.1
148 61.3 32.3 96.9



#78
Hexachloro-1,3-Butadiene
Concen: 0.260 ppbv
RT: 22.587 min Scan# 6215
Delta R.T. -0.039 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

Tgt Ion:225 Resp: 27987
Ion Ratio Lower Upper
225 100
223 0.0 51.1 76.7#
227 0.0 50.8 76.2#

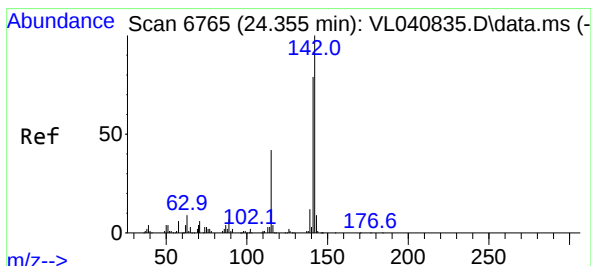
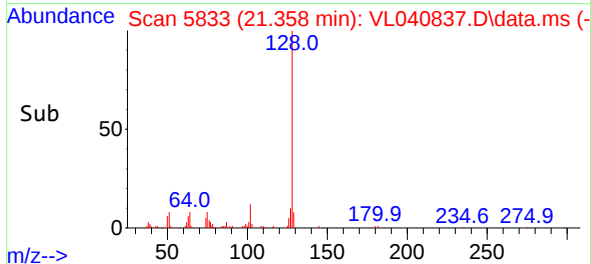
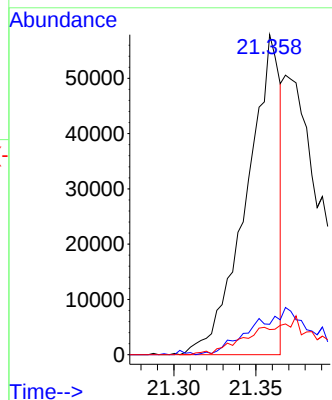
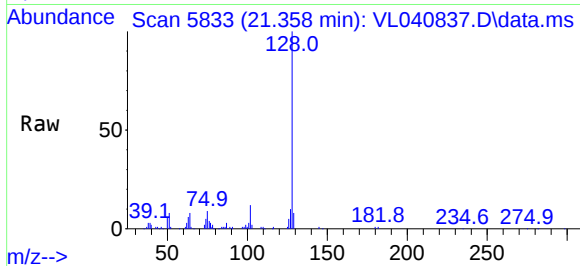




#79
Naphthalene
Concen: 0.499 ppbv
RT: 21.358 min Scan# 5833
Delta R.T. -0.019 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

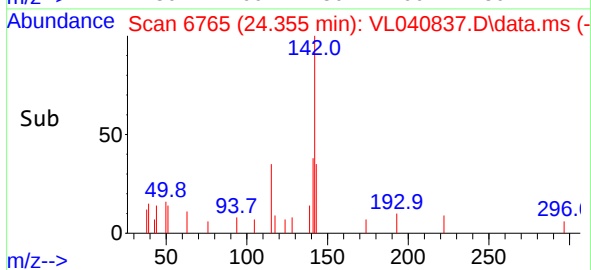
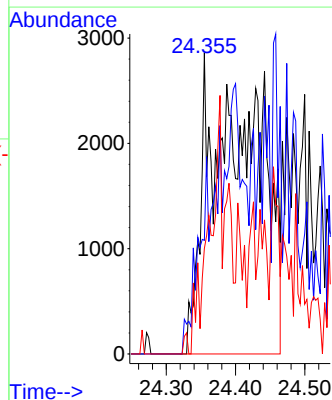
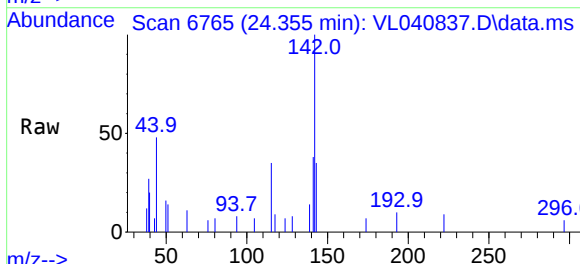
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

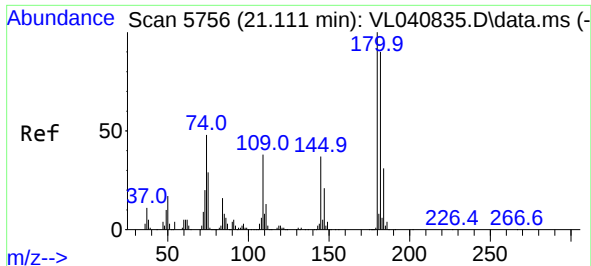
Tgt Ion:128 Resp: 82278
Ion Ratio Lower Upper
128 100
127 8.2 10.0 15.0#
129 7.8 8.3 12.5#



#80
Naphthalene,2-methyl-
Concen: 0.486 ppbv
RT: 24.355 min Scan# 6765
Delta R.T. -0.019 min
Lab File: VL040837.D
Acq: 13 Nov 2023 12:03

Tgt Ion:142 Resp: 14145
Ion Ratio Lower Upper
142 100
141 55.2 65.8 98.8#
115 37.1 35.6 53.4





#81

1,2,4-Trichlorobenzene

Concen: 0.274 ppbv

RT: 21.104 min Scan# 51

Delta R.T. -0.023 min

Lab File: VL040837.D

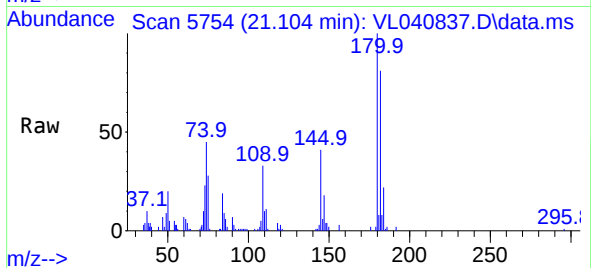
Acq: 13 Nov 2023 12:03

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001



Tgt Ion:180 Resp: 27409

Ion Ratio Lower Upper

180 100

182 0.0 77.6 116.4#

184 0.0 24.2 36.2#

