

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111323\
 Data File : VL040838.D
 Acq On : 13 Nov 2023 12:40
 Operator : SY/MD
 Sample : VSTDIC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Quant Time: Nov 22 00:31:19 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	5.185	49	1065150	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.639	114	2957094	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.442	117	2664111	10.000	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.751	95	2099679	10.066	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.735	85	125183	0.580	ppbv	95
3) Chlorodifluoromethane	2.681	51	97871	0.575	ppbv	99
4) Chloromethane	2.819	50	35760	0.585	ppbv	89
7) Chloroethane	3.198	64	12166	0.578	ppbv #	88
8) Dichlorotetrafluoroethane	2.864	85	88642	0.569	ppbv	98
9) Propene	2.700	41	32902	0.574	ppbv	100
10) Heptane	7.561	43	76146	0.540	ppbv	95
11) Trichlorofluoromethane	3.562	101	93747	0.565	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.066	101	67728	0.575	ppbv	99
13) Ethanol	3.266	45	3105	0.279	ppbv #	100
15) Acetone	3.481	43	69188	0.610	ppbv	92
17) tert-Butyl alcohol	3.890	59	26368	0.272	ppbv #	71
18) 1,1-Dichloroethene	3.877	96	29721	0.566	ppbv	85
19) Isopropyl Alcohol	3.600	45	41679	0.610	ppbv #	97
20) Methylene Chloride	3.931	84	31557	0.674	ppbv #	78
21) Allyl Chloride	3.993	41	38480	0.530	ppbv	94
22) trans-1,2-Dichloroethene	4.443	96	29109	0.488	ppbv #	90
23) Vinyl Acetate	4.623	43	23935	0.163	ppbv #	91
24) 1,1-Dichloroethane	4.555	63	60283	0.462	ppbv #	93
25) Ethyl Acetate	5.205	43	120655	0.514	ppbv #	95
26) Hexane	5.205	57	56530	0.544	ppbv	96
27) Carbon Disulfide	4.124	76	70890	0.538	ppbv #	82
28) Methyl tert-Butyl Ether	4.594	73	43407	0.462	ppbv #	88
29) Chloroform	5.266	83	97144	0.551	ppbv	97
30) Cyclohexane	6.581	84	24868	0.278	ppbv #	1
31) cis-1,2-Dichloroethene	5.073	61	44970	0.437	ppbv	91
32) 1,1,1-Trichloroethane	5.996	97	38801	0.236	ppbv #	1
34) 2-Butanone	4.793	43	62487	0.415	ppbv	92
35) Carbon Tetrachloride	6.481	117	89754	0.495	ppbv	93
36) Benzene	6.353	78	124659	0.519	ppbv	94
37) 1,2-Dichloroethane	5.793	62	69661	0.492	ppbv	98
38) Trichloroethene	7.272	130	23601	0.253	ppbv	89
39) 1,2-Dichloropropane	7.060	63	37919	0.398	ppbv	99
40) 1,4-Dioxane	7.304	88	15830	0.419	ppbv #	65
41) Tetrahydrofuran	5.574	42	46094	0.497	ppbv	96
42) Bromodichloromethane	7.234	83	101170	0.499	ppbv	90
43) Methyl Methacrylate	7.462	69	41075	0.449	ppbv	88
44) 2,2,4-Trimethylpentane	7.311	57	205499	0.515	ppbv	98
45) t-1,3-Dichloropropene	8.687	75	7348	0.137	ppbv	100
46) cis-1,3-Dichloropropene	8.121	75	8520	0.122	ppbv #	79
47) 1,1,2-Trichloroethane	8.883	97	35930	0.360	ppbv	91
48) Dibromochloromethane	9.680	129	35592	0.215	ppbv #	10
49) Bromoform	12.384	173	47541	0.382	ppbv	88

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111323\
 Data File : VL040838.D
 Acq On : 13 Nov 2023 12:40
 Operator : SY/MD
 Sample : VSTDIC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Quant Time: Nov 22 00:31:19 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

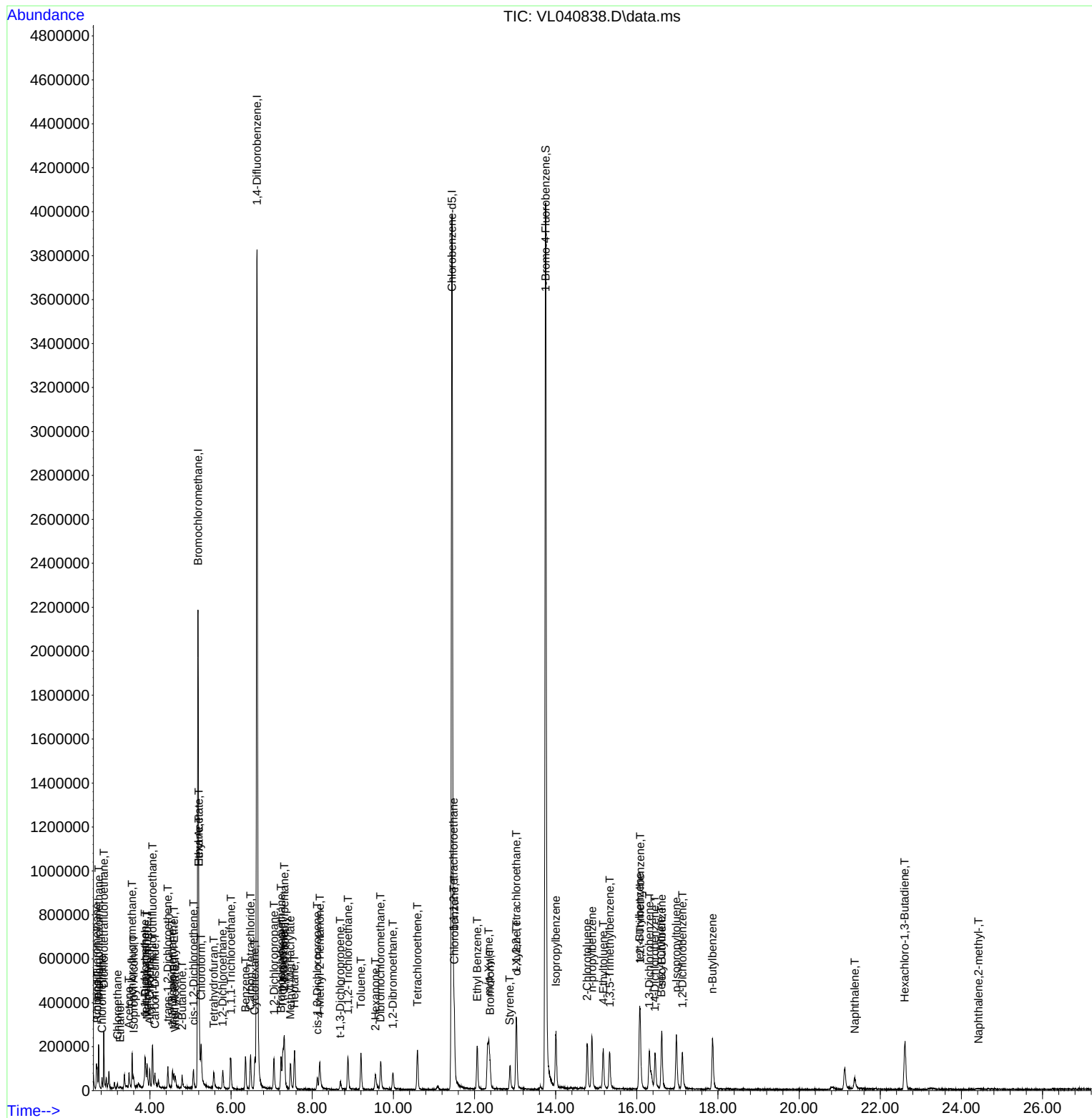
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) 4-Methyl-2-Pentanone	8.188	43	111927	0.480	ppbv	100
51) 2-Hexanone	9.558	43	35852	0.218	ppbv #	19
52) Tetrachloroethene	10.594	164	27873	0.345	ppbv	92
53) Toluene	9.201	91	127273	0.482	ppbv	100
54) 1,2-Dibromoethane	9.989	107	64702	0.504	ppbv	95
56) 1,1,1,2-Tetrachloroethane	11.484	131	57456	0.504	ppbv #	66
57) Chlorobenzene	11.503	112	103422	0.524	ppbv #	97
58) Ethyl Benzene	12.066	91	104188	0.300	ppbv	93
59) m/p-Xylene	12.349	91	127535	0.431	ppbv #	32
60) o-Xylene	13.037	91	147296	0.523	ppbv	97
61) Styrene	12.867	104	24944	0.184	ppbv #	27
62) Isopropylbenzene	14.008	105	135904	0.326	ppbv #	74
63) 1,1,2,2-Tetrachloroethane	13.031	83	105448	0.528	ppbv	100
64) n-propylbenzene	14.896	120	52740	0.505	ppbv	79
65) tert-Butylbenzene	16.069	119	175424	0.500	ppbv	88
66) Benzyl Chloride	16.603	91	15045	1.163	ppbv #	66
67) sec-Butylbenzene	16.616	105	251589	0.502	ppbv	99
69) p-Isopropyltoluene	16.973	119	193578	0.484	ppbv	96
70) n-Butylbenzene	17.863	91	94452	0.224	ppbv #	22
71) 2-Chlorotoluene	14.773	91	79115	0.249	ppbv #	44
72) 4-Ethyltoluene	15.172	105	151252	0.488	ppbv #	95
73) 1,3,5-Trimethylbenzene	15.330	105	78516	0.287	ppbv	92
74) 1,2,4-Trimethylbenzene	16.082	105	91932	0.301	ppbv	97
75) 1,3-Dichlorobenzene	16.307	146	53714	0.318	ppbv #	48
76) 1,4-Dichlorobenzene	16.445	146	78621	0.486	ppbv	91
77) 1,2-Dichlorobenzene	17.124	146	83101	0.506	ppbv	97
78) Hexachloro-1,3-Butadiene	22.599	225	22519	0.219	ppbv #	1
79) Naphthalene	21.374	128	38035	0.242	ppbv #	94
80) Naphthalene,2-methyl-	24.419	142	1808	0.065	ppbv	92

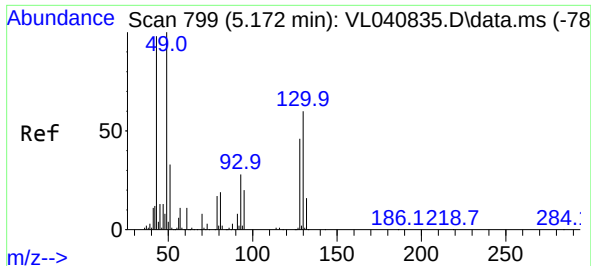
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111323\
Data File : VL040838.D
Acq On : 13 Nov 2023 12:40
Operator : SY/MD
Sample : VSTDICC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Quant Time: Nov 22 00:31:19 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

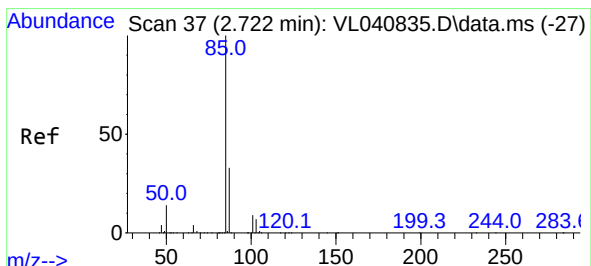
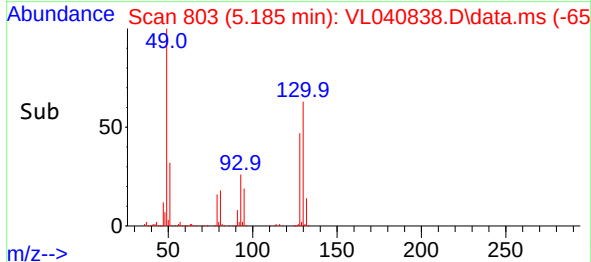
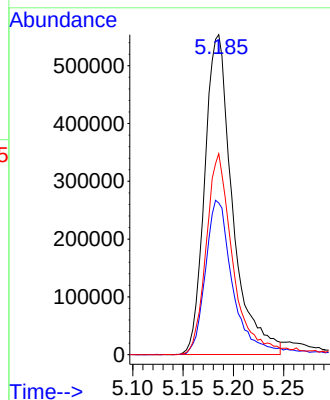
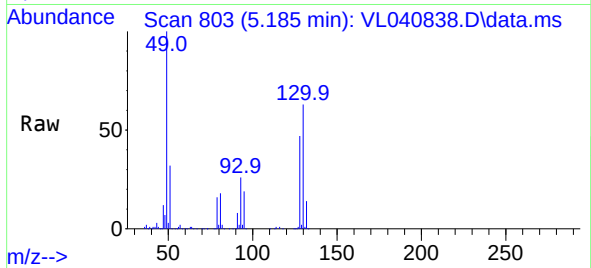




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. -0.026 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

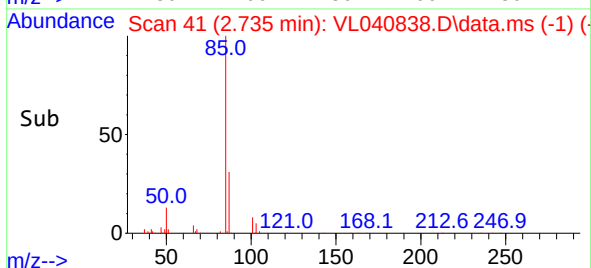
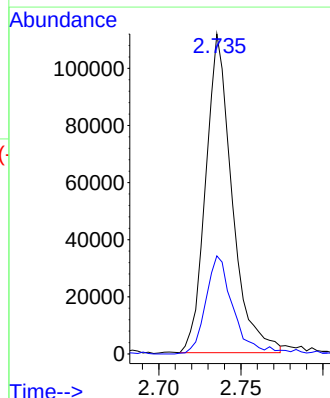
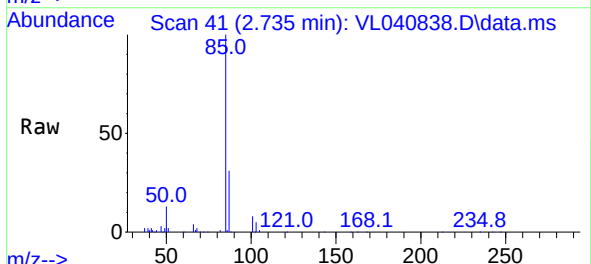
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

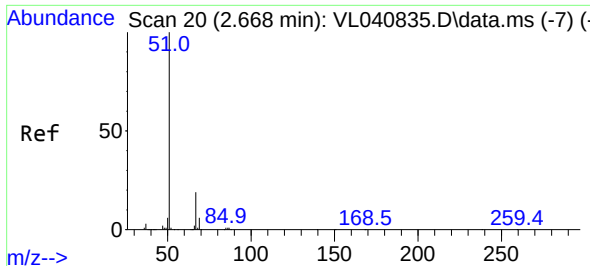
Tgt Ion: 49 Resp: 1065150
Ion Ratio Lower Upper
49 100
128 49.6 23.8 71.2
130 63.1 30.9 92.8



#2
Dichlorodifluoromethane
Concen: 0.580 ppbv
RT: 2.735 min Scan# 41
Delta R.T. -0.039 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 85 Resp: 125183
Ion Ratio Lower Upper
85 100
87 30.5 26.7 40.1

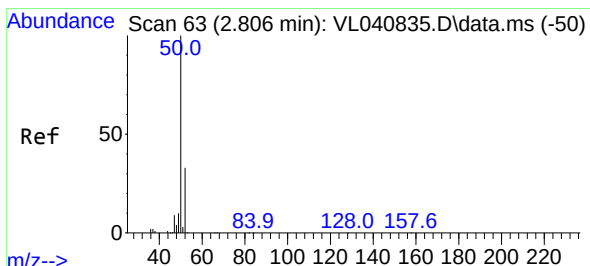
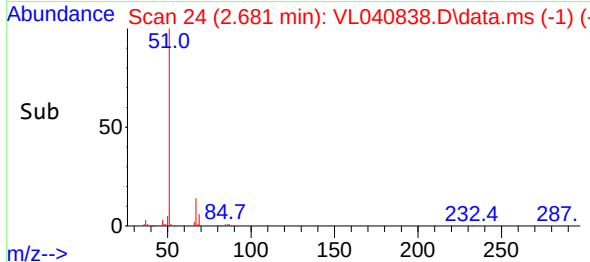
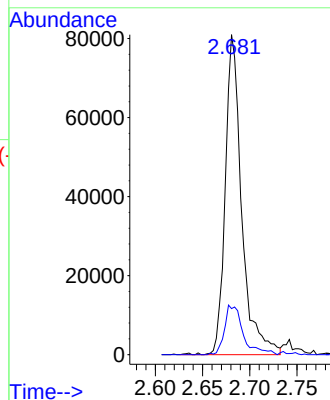
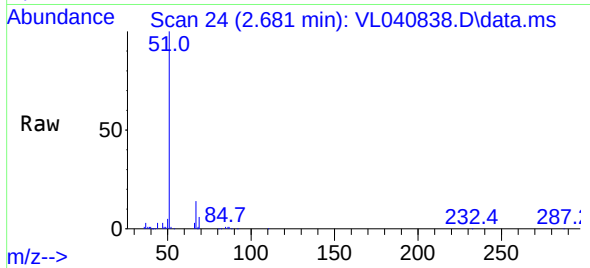




#3
Chlorodifluoromethane
Concen: 0.575 ppbv
RT: 2.681 min Scan# 24
Delta R.T. -0.039 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

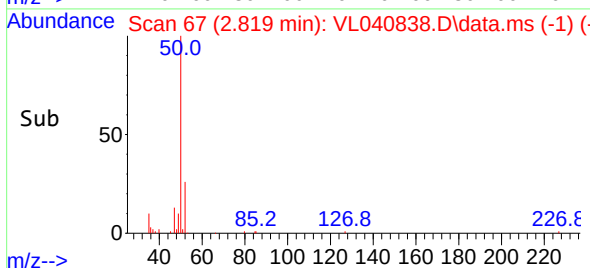
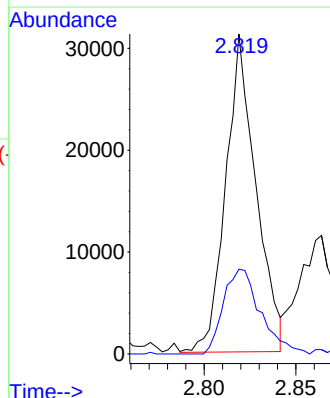
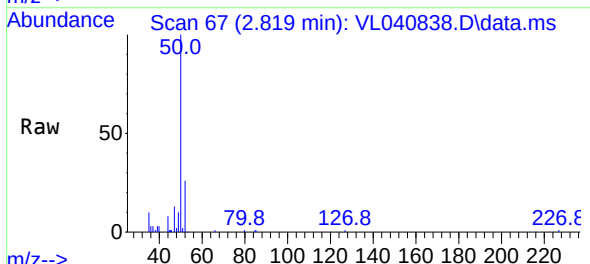
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

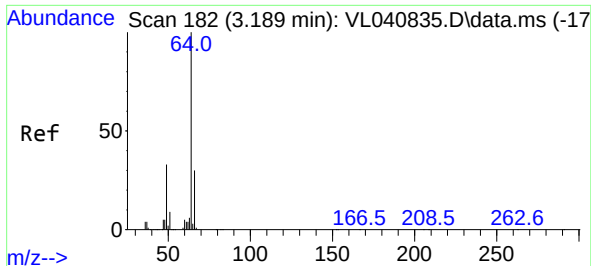
Tgt Ion: 51 Resp: 97871
Ion Ratio Lower Upper
51 100
67 18.1 15.0 22.4



#4
Chloromethane
Concen: 0.585 ppbv
RT: 2.819 min Scan# 67
Delta R.T. -0.035 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 50 Resp: 35760
Ion Ratio Lower Upper
50 100
52 26.7 26.5 39.7

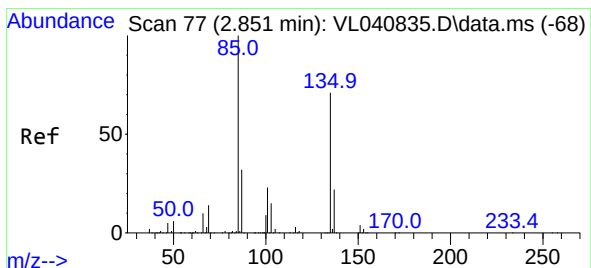
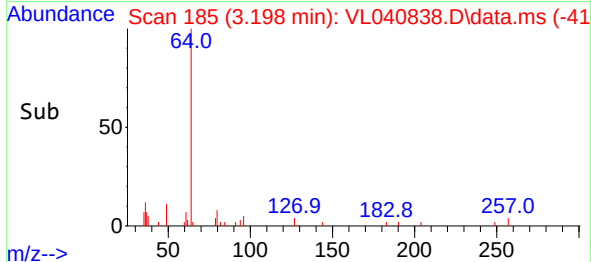
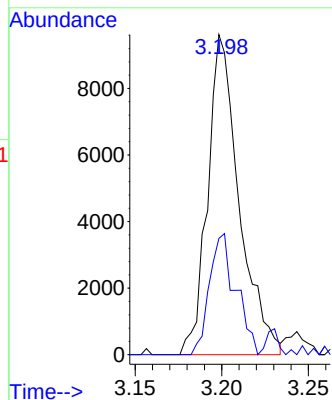
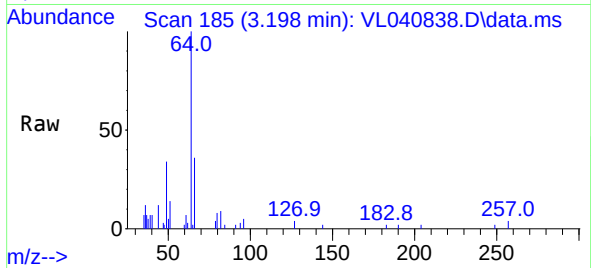




#7
Chloroethane
Concen: 0.578 ppbv
RT: 3.198 min Scan# 11
Delta R.T. -0.035 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

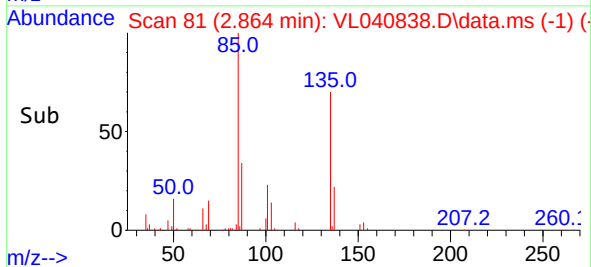
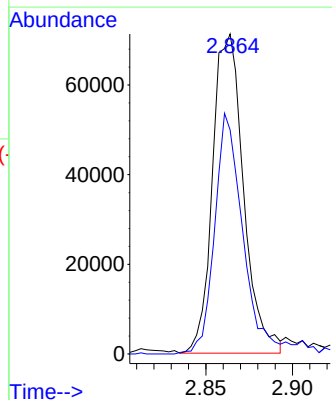
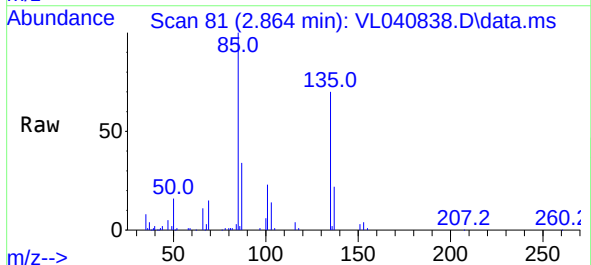
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 64 Resp: 12166
Ion Ratio Lower Upper
64 100
66 36.3 23.8 35.6#

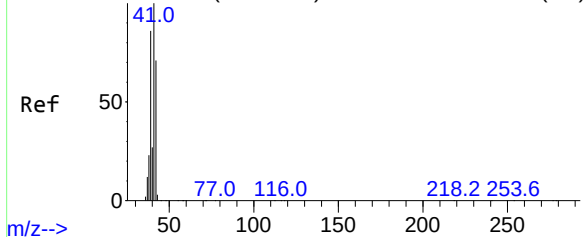


#8
Dichlorotetrafluoroethane
Concen: 0.569 ppbv
RT: 2.864 min Scan# 81
Delta R.T. -0.035 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 85 Resp: 88642
Ion Ratio Lower Upper
85 100
135 71.1 55.3 82.9



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



#9

Propene

Concen: 0.574 ppbv

RT: 2.700 min Scan# 30

Delta R.T. -0.039 min

Lab File: VL040838.D

Acq: 13 Nov 2023 12:40

Instrument :

MSVOA_1

ClientSampleId :

VSTDICC0.5

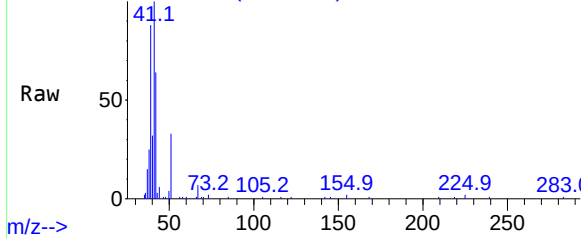
Tgt Ion: 41 Resp: 32902

Ion Ratio Lower Upper

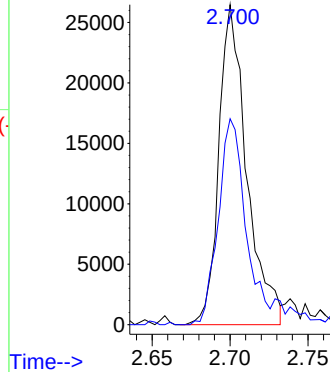
41 100

42 70.3 56.5 84.7

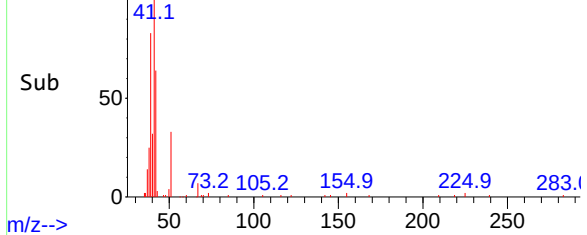
Abundance Scan 30 (2.700 min): VL040838.D\data.ms



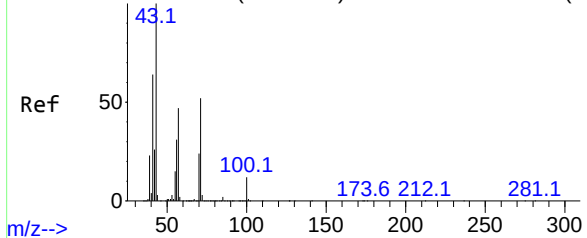
Abundance



Abundance Scan 30 (2.700 min): VL040838.D\data.ms (-1)



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



#10

Heptane

Concen: 0.540 ppbv

RT: 7.561 min Scan# 1542

Delta R.T. -0.026 min

Lab File: VL040838.D

Acq: 13 Nov 2023 12:40

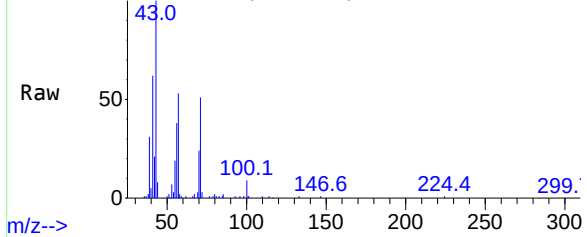
Tgt Ion: 43 Resp: 76146

Ion Ratio Lower Upper

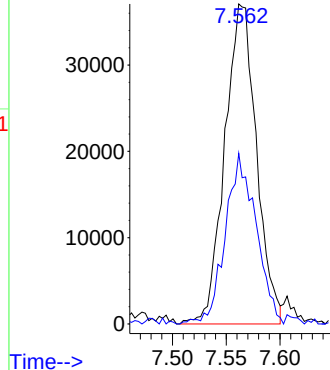
43 100

57 52.8 39.4 59.0

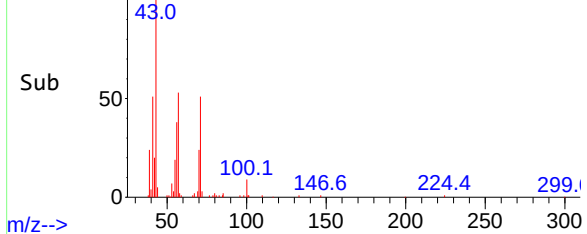
Abundance Scan 1542 (7.561 min): VL040838.D\data.ms

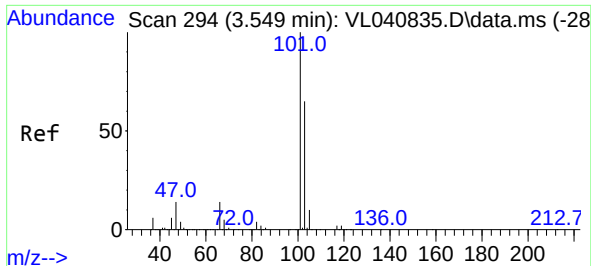


Abundance



Abundance Scan 1542 (7.561 min): VL040838.D\data.ms (-1)

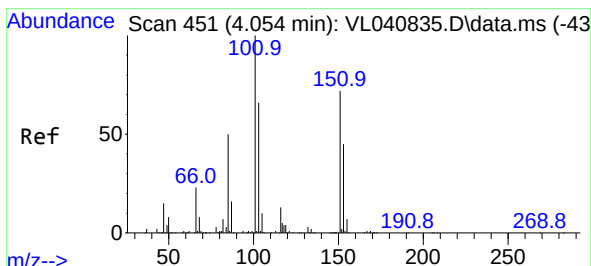
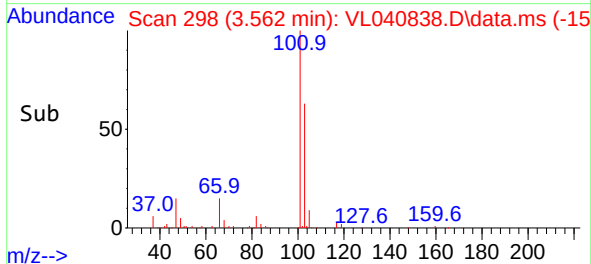
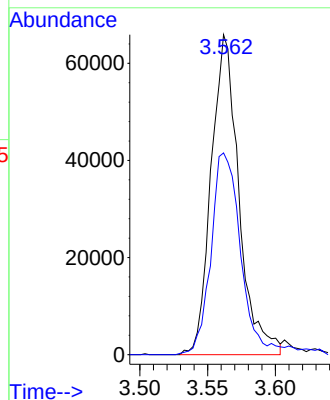
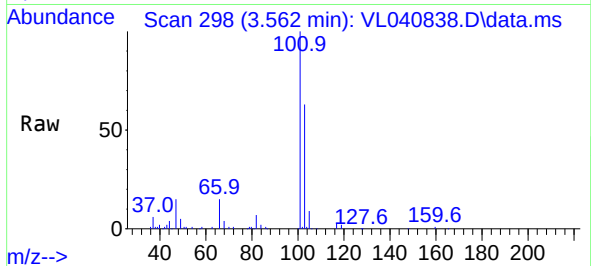




#11
 Trichlorofluoromethane
 Concen: 0.565 ppbv
 RT: 3.562 min Scan# 294
 Delta R.T. -0.032 min
 Lab File: VL040838.D
 Acq: 13 Nov 2023 12:40

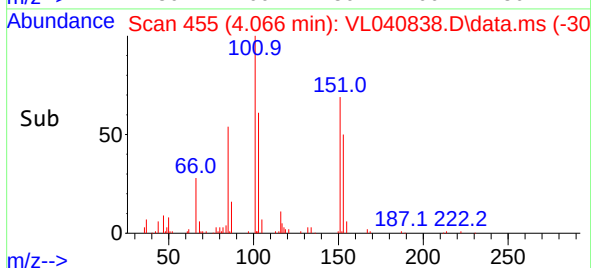
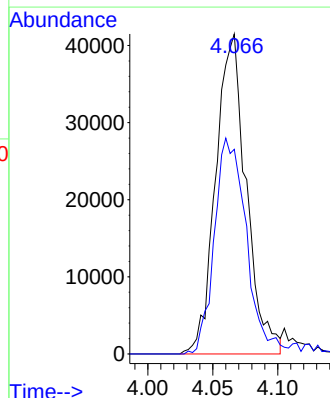
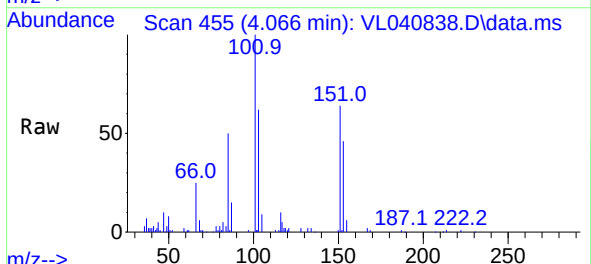
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

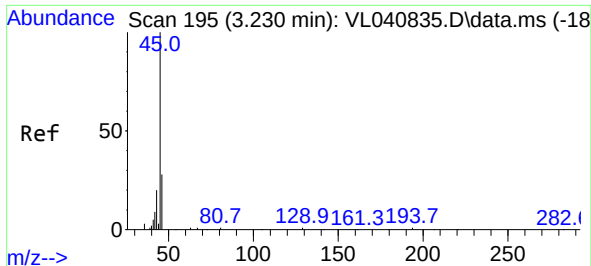
Tgt Ion:101 Resp: 93747
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.8 77.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.575 ppbv
 RT: 4.066 min Scan# 455
 Delta R.T. -0.029 min
 Lab File: VL040838.D
 Acq: 13 Nov 2023 12:40

Tgt Ion:101 Resp: 67728
 Ion Ratio Lower Upper
 101 100
 151 72.8 57.8 86.6

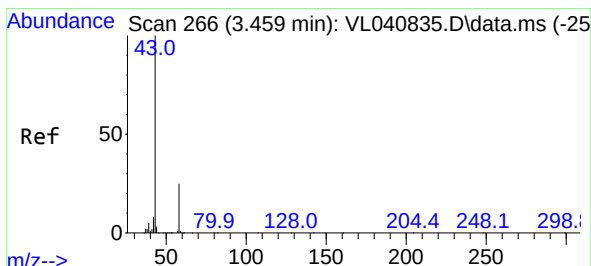
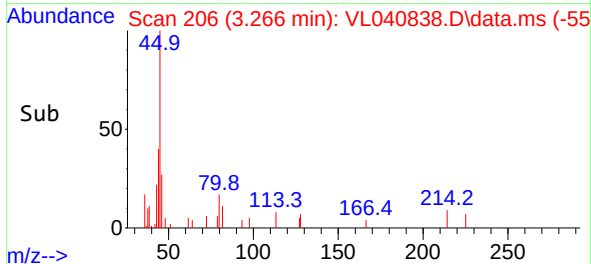
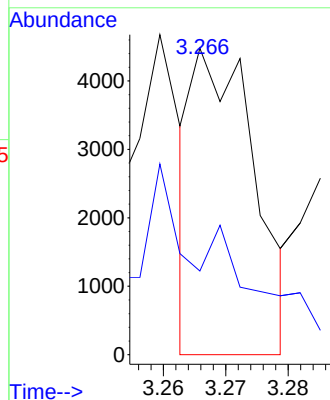
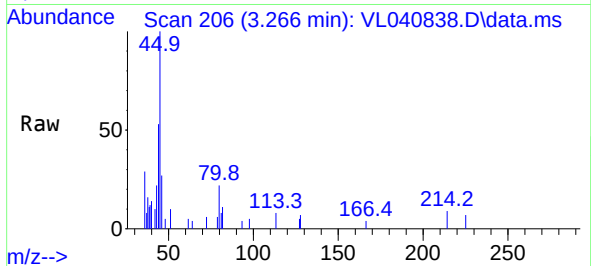




#13
Ethanol
Concen: 0.279 ppbv
RT: 3.266 min Scan# 206
Delta R.T. -0.013 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

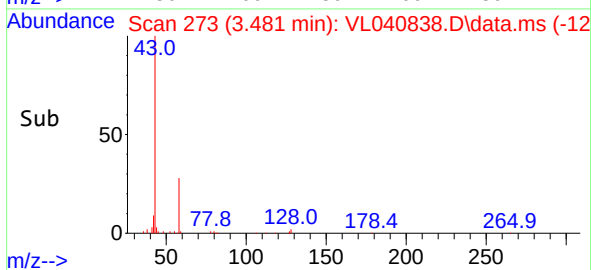
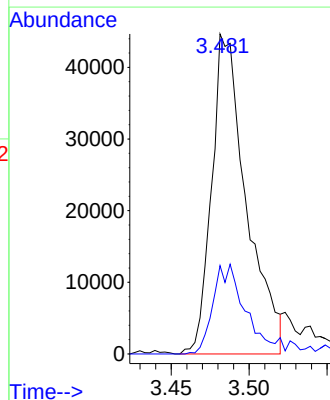
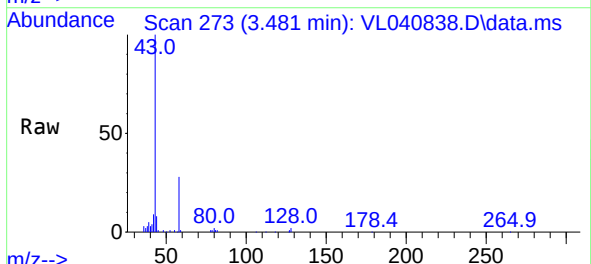
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

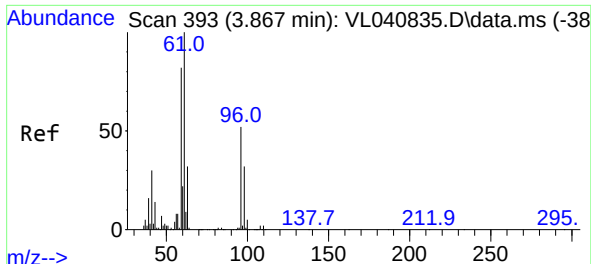
Tgt Ion: 45 Resp: 3105
Ion Ratio Lower Upper
45 100
46 0.0 0.0 0.0



#15
Acetone
Concen: 0.610 ppbv
RT: 3.481 min Scan# 273
Delta R.T. -0.019 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 43 Resp: 69188
Ion Ratio Lower Upper
43 100
58 30.0 20.9 31.3

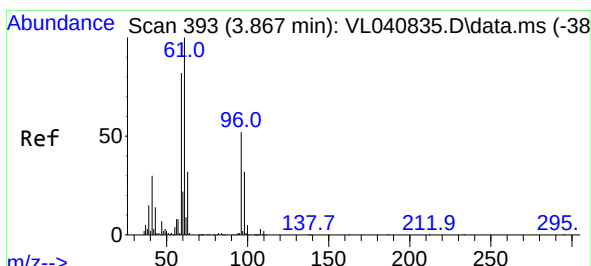
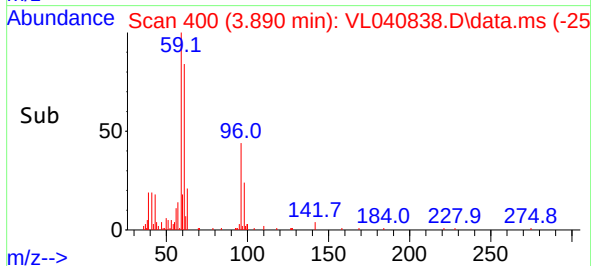
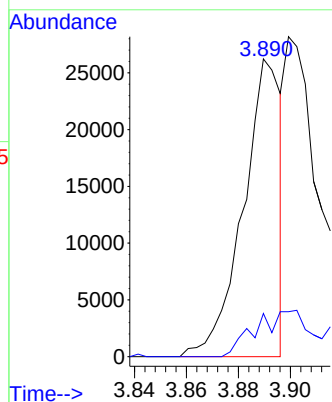
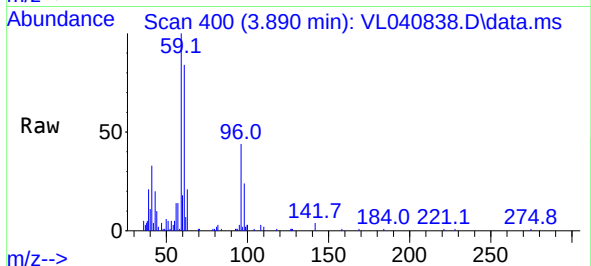




#17
tert-Butyl alcohol
Concen: 0.272 ppbv
RT: 3.890 min Scan# 40
Delta R.T. -0.019 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

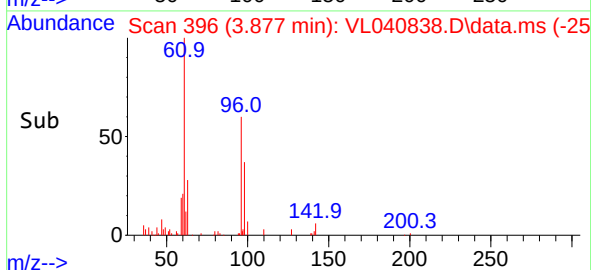
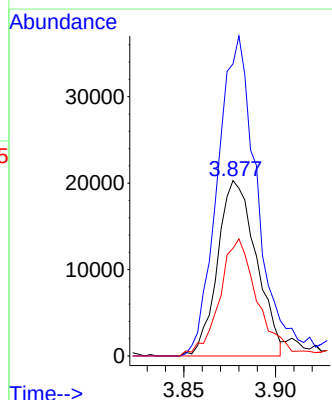
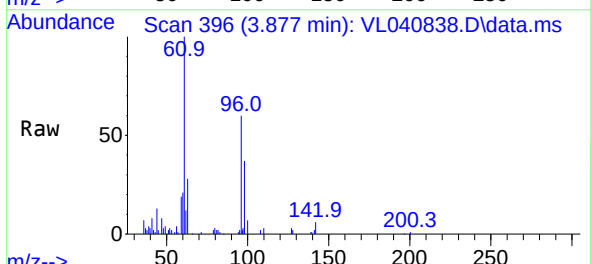
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

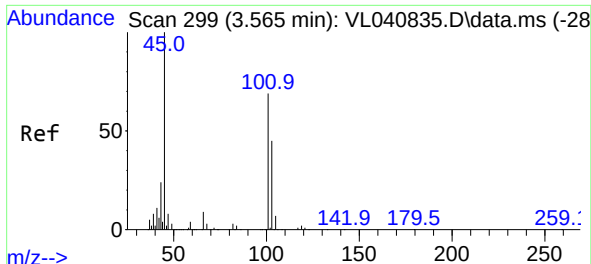
Tgt Ion: 59 Resp: 26368
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#



#18
1,1-Dichloroethene
Concen: 0.566 ppbv
RT: 3.877 min Scan# 396
Delta R.T. -0.035 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 96 Resp: 29721
Ion Ratio Lower Upper
96 100
61 161.8 152.6 228.8
98 59.7 49.2 73.8

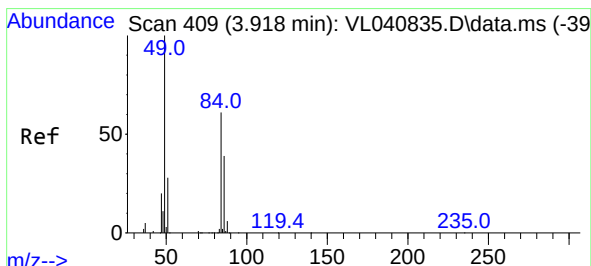
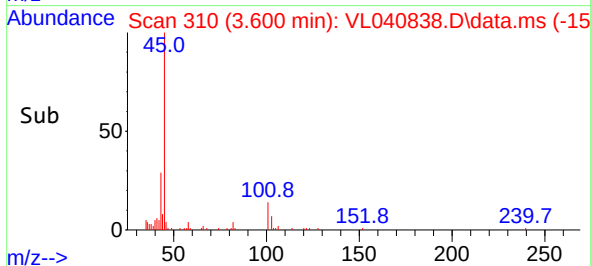
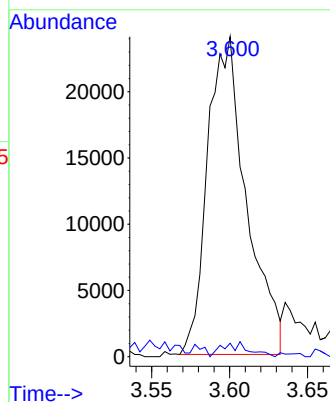
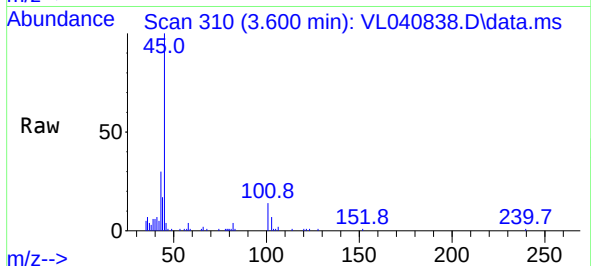




#19
Isopropyl Alcohol
Concen: 0.610 ppbv
RT: 3.600 min Scan# 310
Delta R.T. -0.010 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

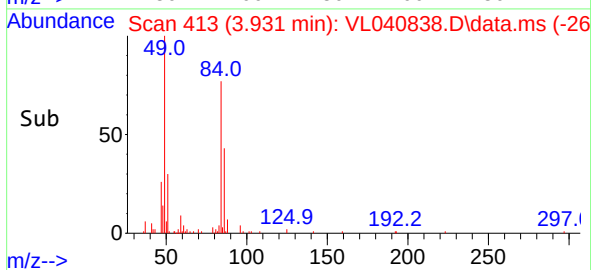
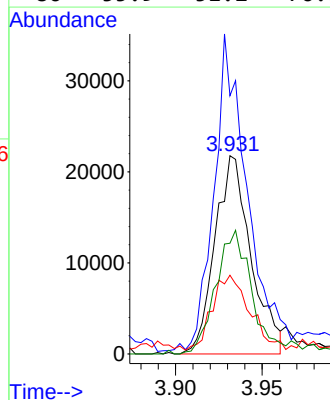
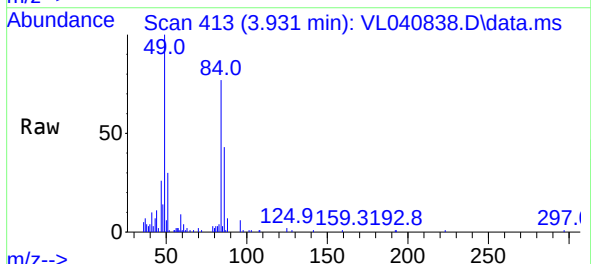
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

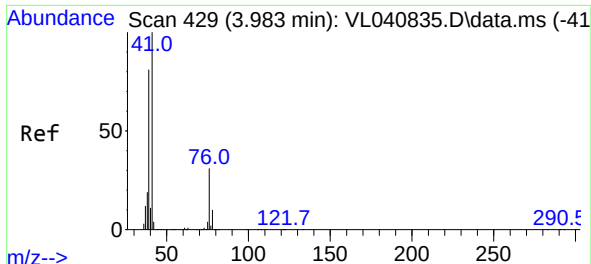
Tgt Ion: 45 Resp: 41679
Ion Ratio Lower Upper
45 100
58 3.0 1.6 2.4#



#20
Methylene Chloride
Concen: 0.674 ppbv
RT: 3.931 min Scan# 413
Delta R.T. -0.032 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 84 Resp: 31557
Ion Ratio Lower Upper
84 100
49 125.1 131.0 196.4#
51 35.8 36.9 55.3#
86 55.9 51.2 76.8





#21

Allyl Chloride

Concen: 0.530 ppbv

RT: 3.993 min Scan# 41

Delta R.T. -0.032 min

Lab File: VL040838.D

Acq: 13 Nov 2023 12:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

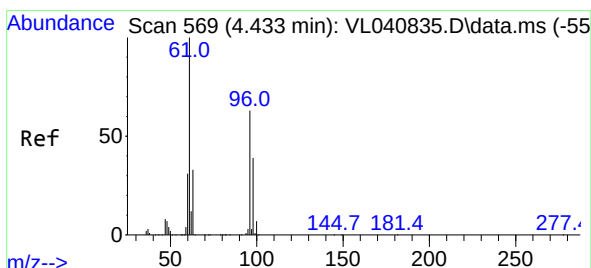
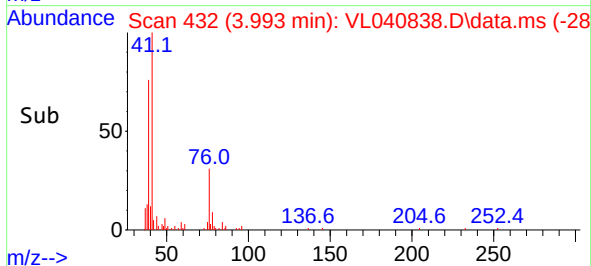
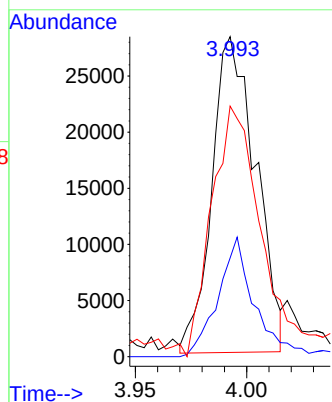
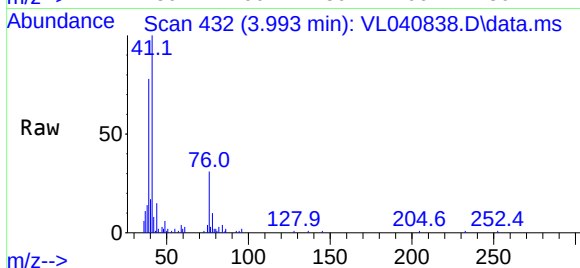
Tgt Ion: 41 Resp: 38480

Ion Ratio Lower Upper

41 100

76 32.4 24.4 36.6

39 91.1 68.1 102.1



#22

trans-1,2-Dichloroethene

Concen: 0.488 ppbv

RT: 4.443 min Scan# 572

Delta R.T. -0.026 min

Lab File: VL040838.D

Acq: 13 Nov 2023 12:40

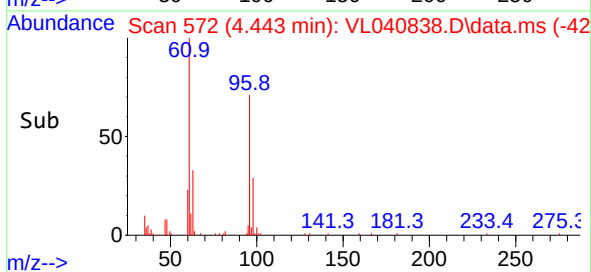
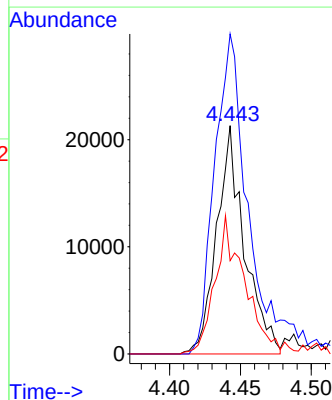
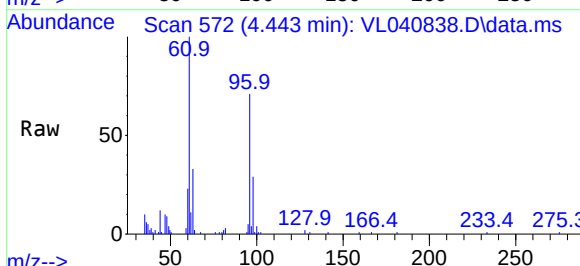
Tgt Ion: 96 Resp: 29109

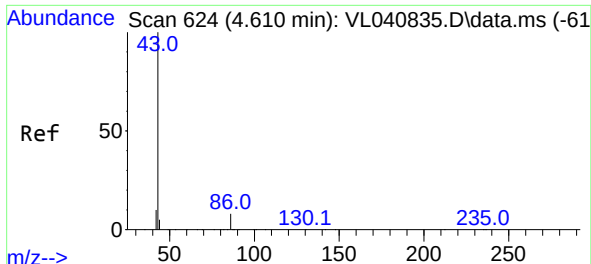
Ion Ratio Lower Upper

96 100

61 154.9 126.8 190.2

98 40.9 49.9 74.9



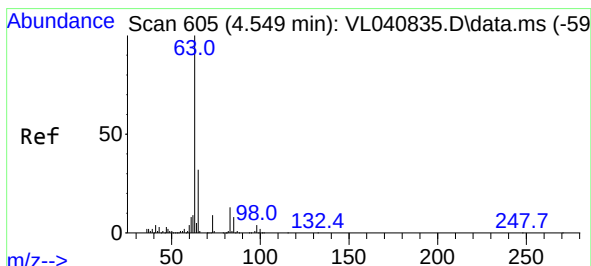
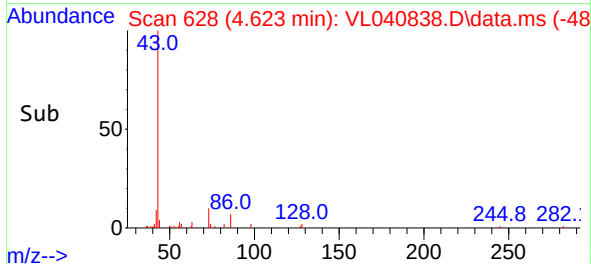
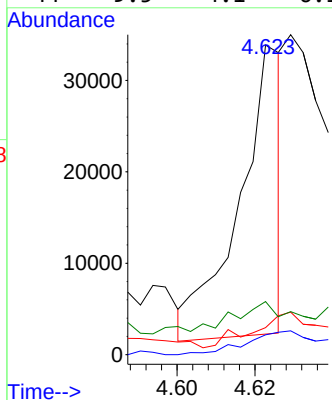
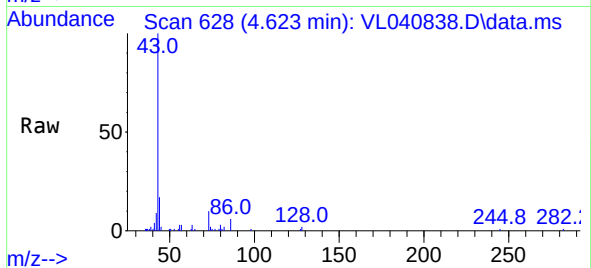


#23
Vinyl Acetate
Concen: 0.163 ppbv
RT: 4.623 min Scan# 61
Delta R.T. -0.026 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 23935

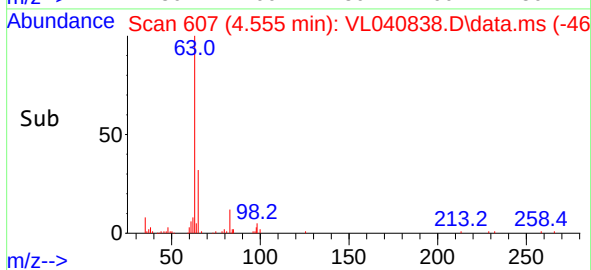
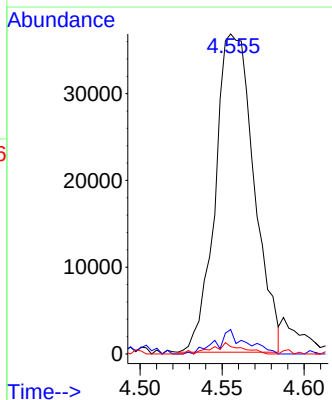
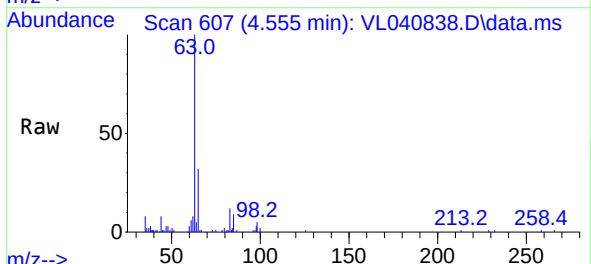
Ion	Ratio	Lower	Upper
43	100		
86	7.5	5.5	8.3
42	5.5	8.2	12.2#
44	9.5	4.1	6.1#

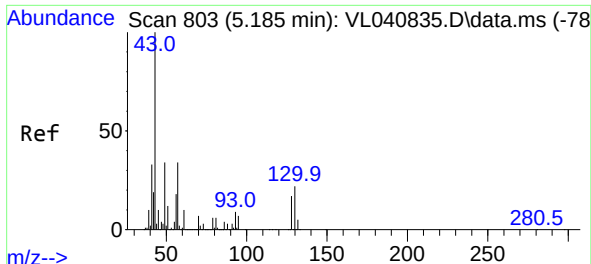


#24
1,1-Dichloroethane
Concen: 0.462 ppbv
RT: 4.555 min Scan# 607
Delta R.T. -0.032 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 63 Resp: 60283

Ion	Ratio	Lower	Upper
63	100		
98	7.7	2.2	6.6#
100	2.3	1.0	3.0





#25

Ethyl Acetate

Concen: 0.514 ppbv

RT: 5.205 min Scan# 809

Delta R.T. -0.016 min

Lab File: VL040838.D

Acq: 13 Nov 2023 12:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 43 Resp: 120655

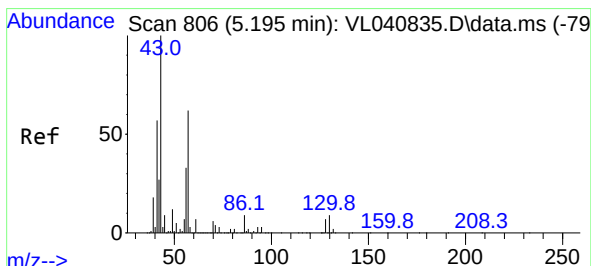
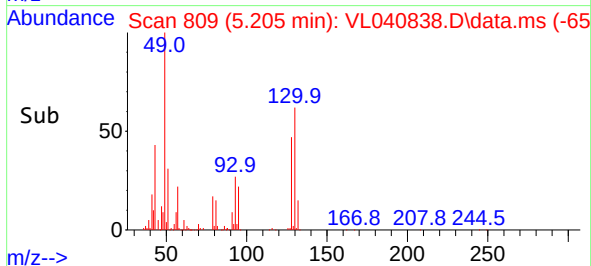
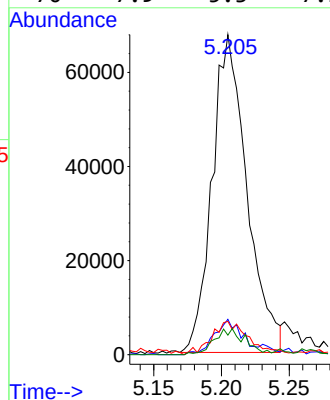
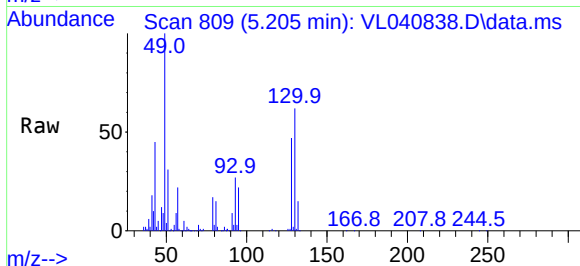
Ion Ratio Lower Upper

43 100

45 11.4 8.1 12.1

61 12.0 7.8 11.6#

70 7.9 5.3 7.9



#26

Hexane

Concen: 0.544 ppbv

RT: 5.205 min Scan# 809

Delta R.T. -0.026 min

Lab File: VL040838.D

Acq: 13 Nov 2023 12:40

Tgt Ion: 57 Resp: 56530

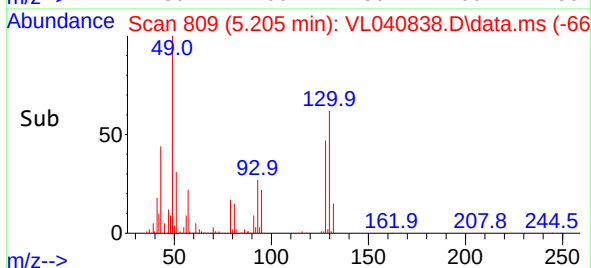
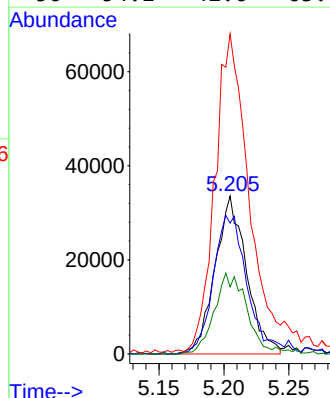
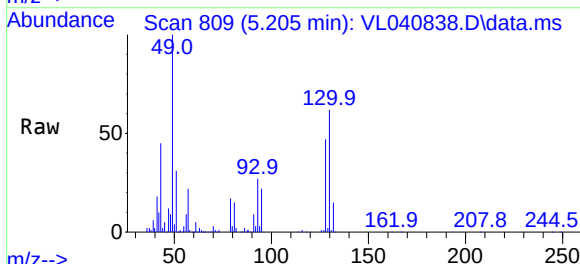
Ion Ratio Lower Upper

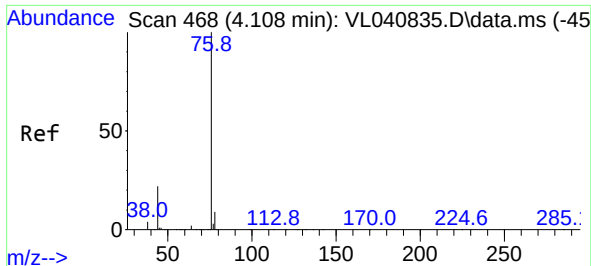
57 100

41 96.1 75.4 113.0

43 241.1 185.9 278.9

56 54.1 42.6 63.8

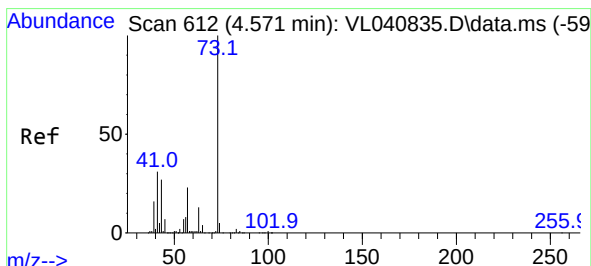
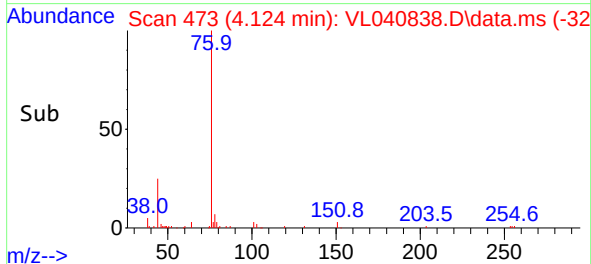
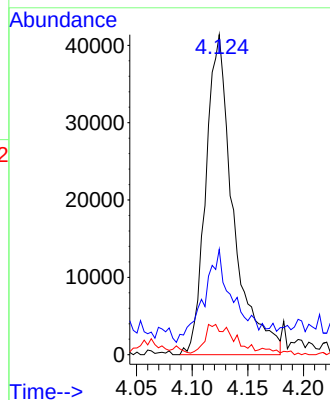
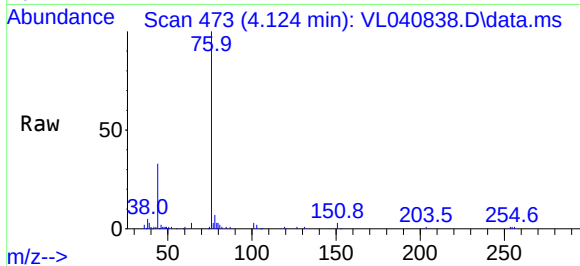




#27
Carbon Disulfide
Concen: 0.538 ppbv
RT: 4.124 min Scan# 41
Delta R.T. -0.029 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

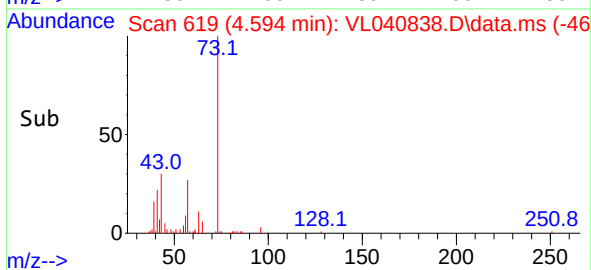
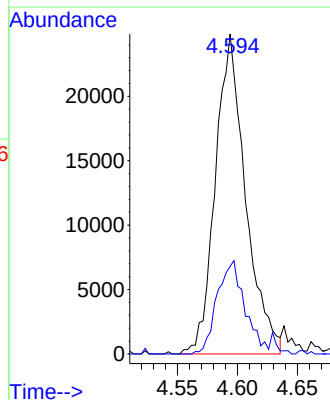
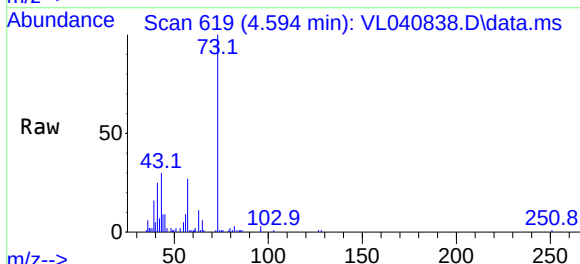
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

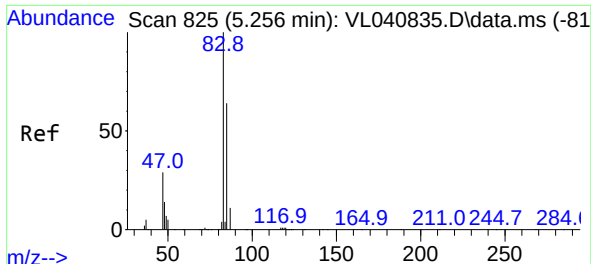
Tgt Ion: 76 Resp: 70890
Ion Ratio Lower Upper
76 100
44 32.0 16.7 25.1#
78 11.6 7.6 11.4#



#28
Methyl tert-Butyl Ether
Concen: 0.462 ppbv
RT: 4.594 min Scan# 619
Delta R.T. -0.016 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 73 Resp: 43407
Ion Ratio Lower Upper
73 100
57 28.5 18.0 27.0#

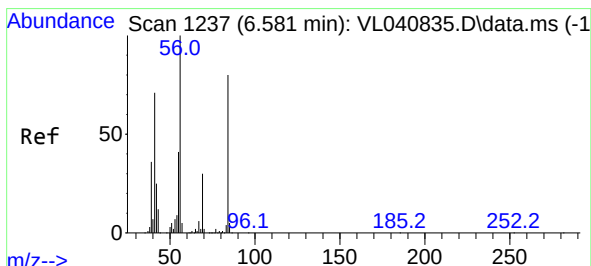
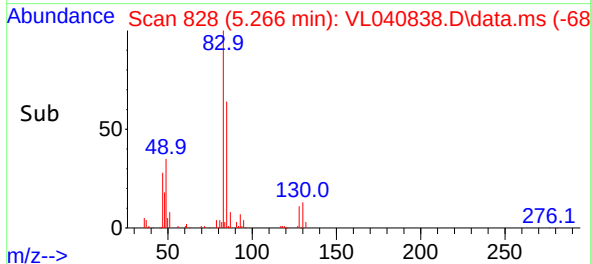
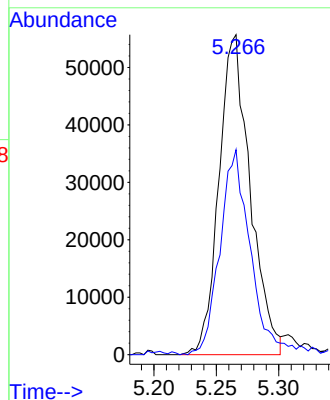
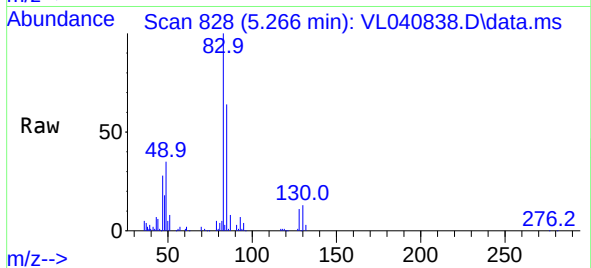




#29
Chloroform
Concen: 0.551 ppbv
RT: 5.266 min Scan# 81
Delta R.T. -0.029 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

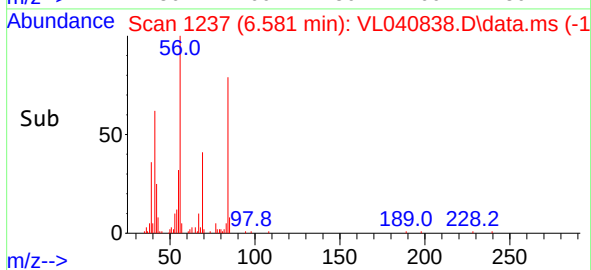
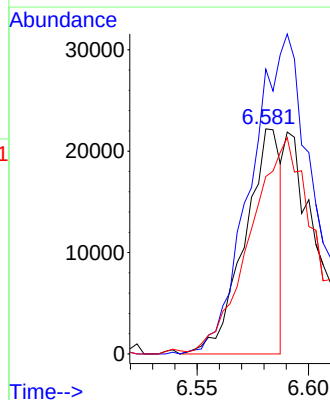
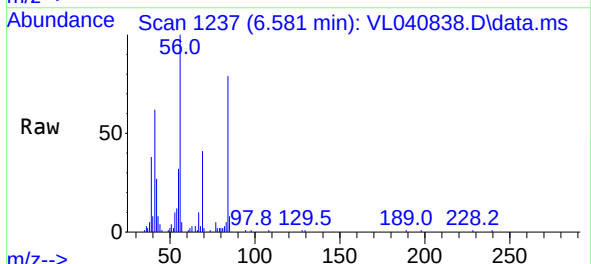
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

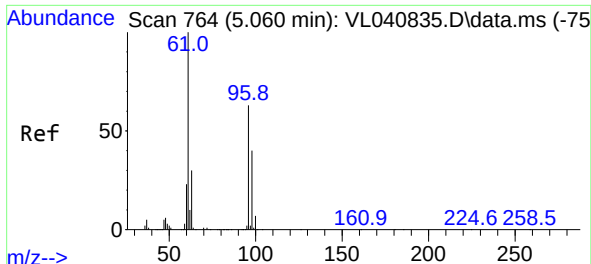
Tgt Ion: 83 Resp: 97144
Ion Ratio Lower Upper
83 100
85 61.9 51.4 77.0



#30
Cyclohexane
Concen: 0.278 ppbv
RT: 6.581 min Scan# 1237
Delta R.T. -0.032 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 84 Resp: 24868
Ion Ratio Lower Upper
84 100
56 0.0 109.3 163.9#
41 0.0 71.4 107.2#

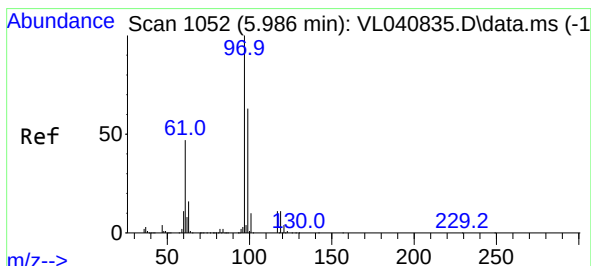
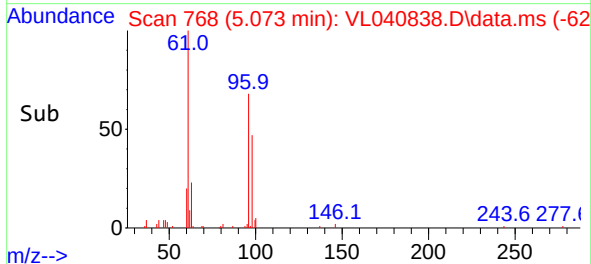
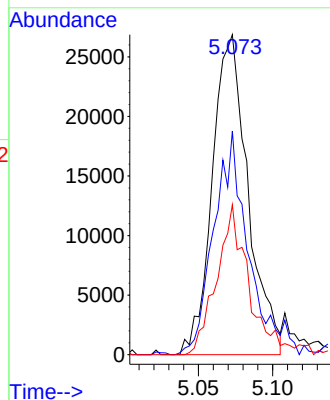
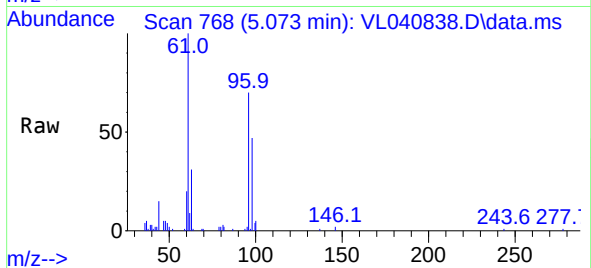




#31
cis-1,2-Dichloroethene
Concen: 0.437 ppbv
RT: 5.073 min Scan# 768
Delta R.T. -0.026 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

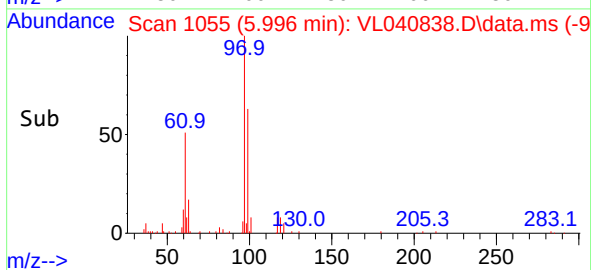
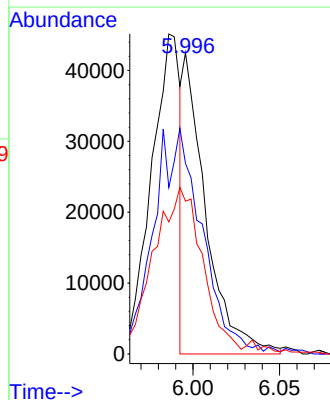
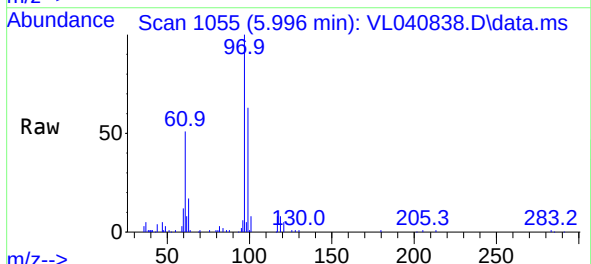
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

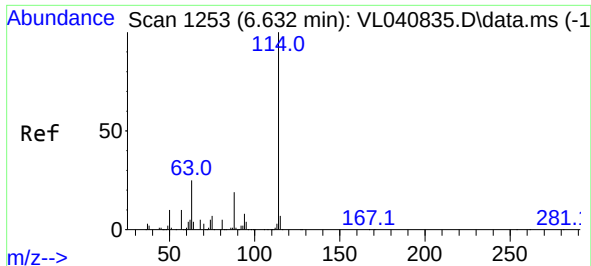
Tgt Ion: 61 Resp: 44970
Ion Ratio Lower Upper
61 100
96 69.3 50.5 75.7
98 46.8 31.9 47.9



#32
1,1,1-Trichloroethane
Concen: 0.236 ppbv
RT: 5.996 min Scan# 1055
Delta R.T. -0.023 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 97 Resp: 38801
Ion Ratio Lower Upper
97 100
99 162.0 52.2 78.4#
61 124.2 41.0 61.4#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 11

Delta R.T. -0.026 min

Lab File: VL040838.D

Acq: 13 Nov 2023 12:40

Instrument :

MSVOA_1

ClientSampleId :

VSTDICC0.5

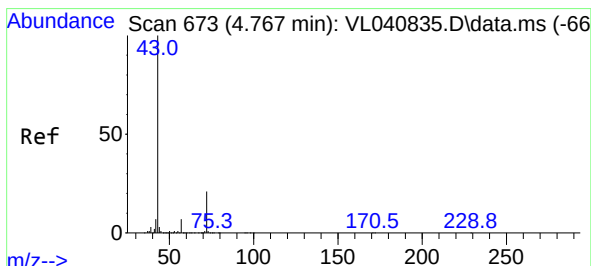
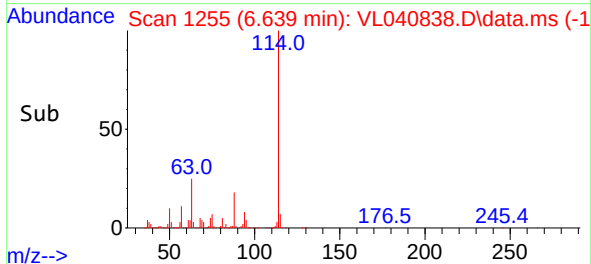
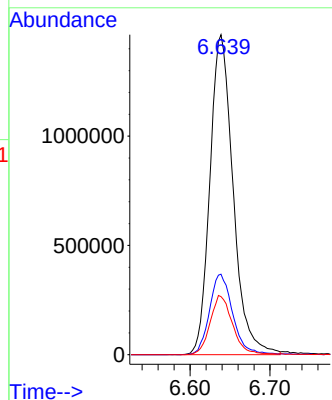
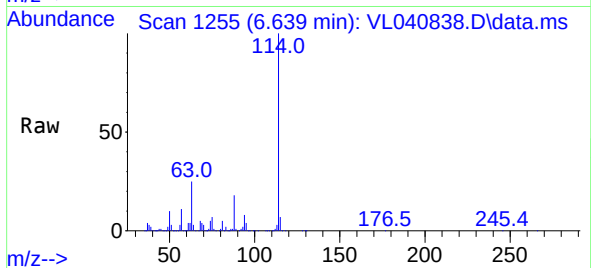
Tgt Ion:114 Resp: 2957094

Ion Ratio Lower Upper

114 100

63 25.6 20.9 31.3

88 18.0 14.3 21.5



#34

2-Butanone

Concen: 0.415 ppbv

RT: 4.793 min Scan# 681

Delta R.T. -0.013 min

Lab File: VL040838.D

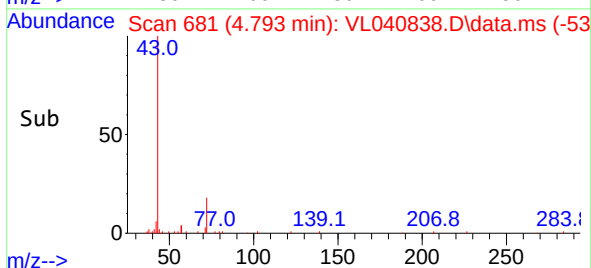
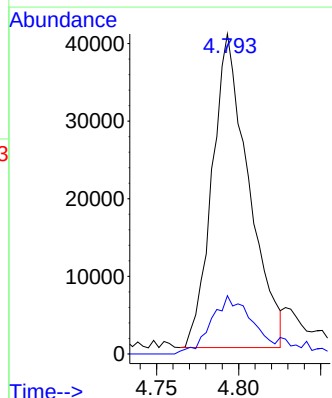
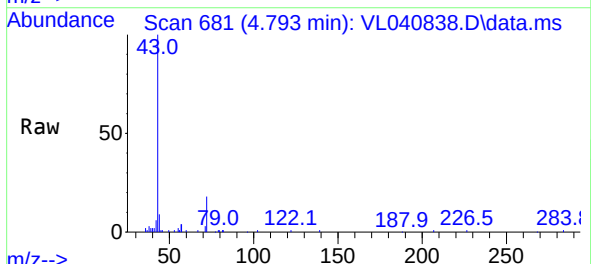
Acq: 13 Nov 2023 12:40

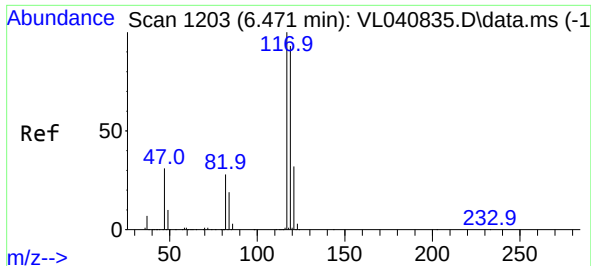
Tgt Ion: 43 Resp: 62487

Ion Ratio Lower Upper

43 100

72 25.4 17.2 25.8

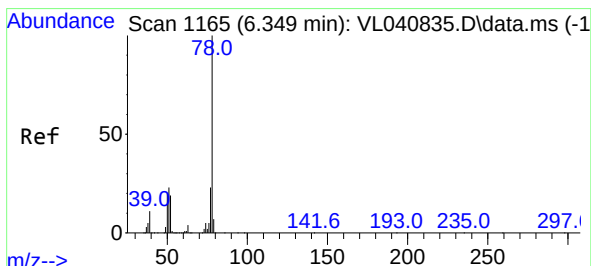
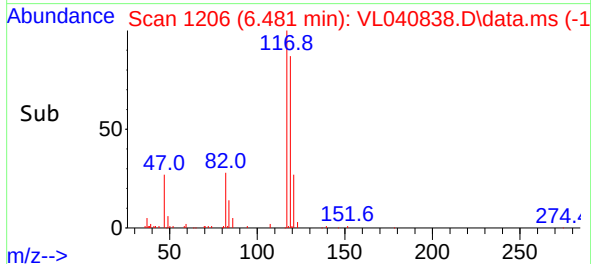
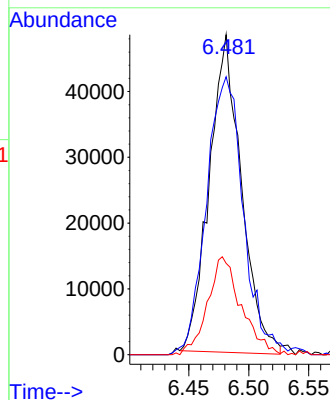
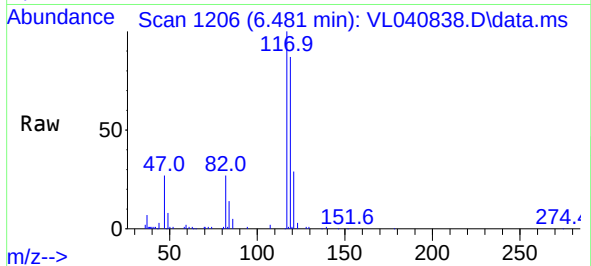




#35
Carbon Tetrachloride
Concen: 0.495 ppbv
RT: 6.481 min Scan# 1166
Delta R.T. -0.026 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

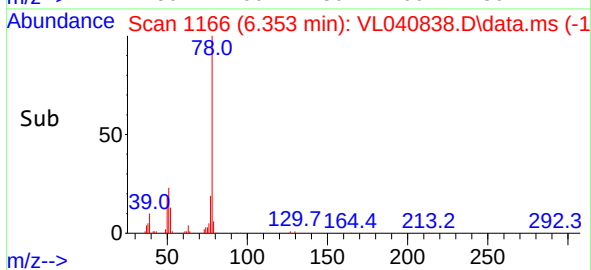
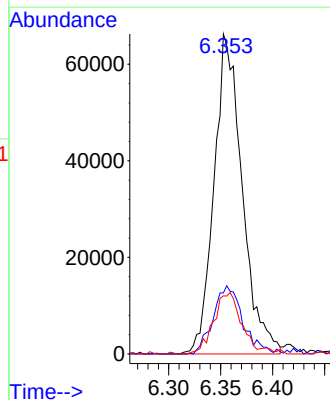
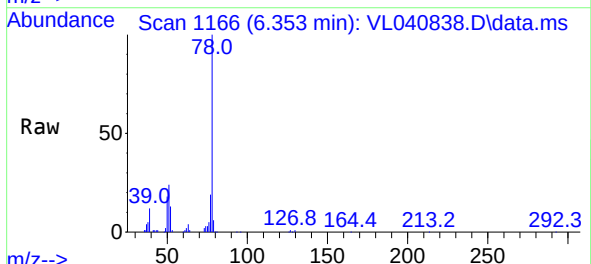
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

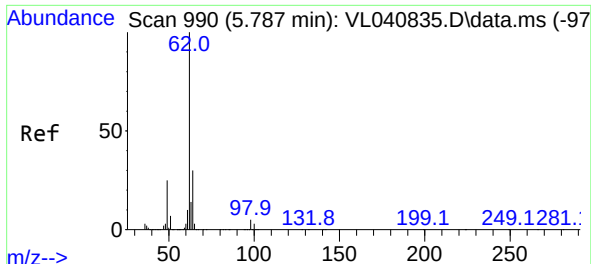
Tgt Ion:117 Resp: 89754
Ion Ratio Lower Upper
117 100
119 85.6 74.7 112.1
121 28.9 25.5 38.3



#36
Benzene
Concen: 0.519 ppbv
RT: 6.353 min Scan# 1166
Delta R.T. -0.032 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 78 Resp: 124659
Ion Ratio Lower Upper
78 100
77 19.1 18.4 27.6
50 18.2 16.2 24.2

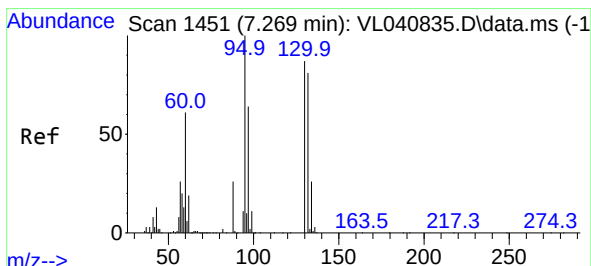
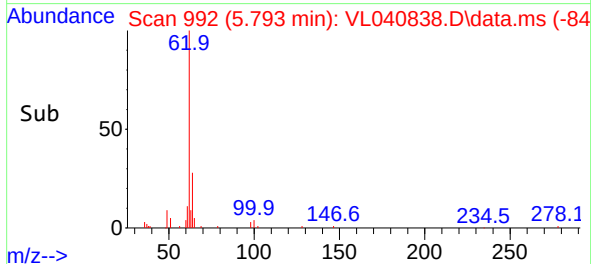
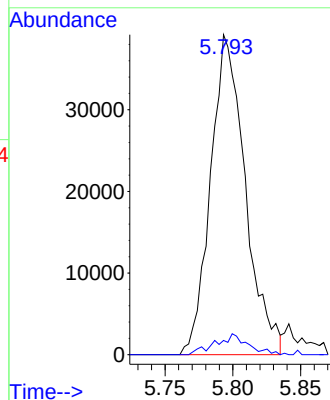
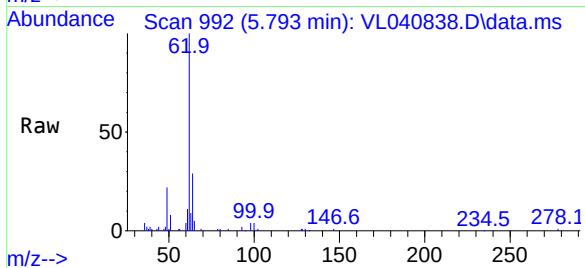




#37
1,2-Dichloroethane
Concen: 0.492 ppbv
RT: 5.793 min Scan# 991
Delta R.T. -0.029 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

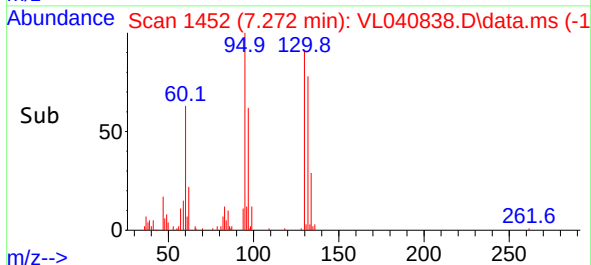
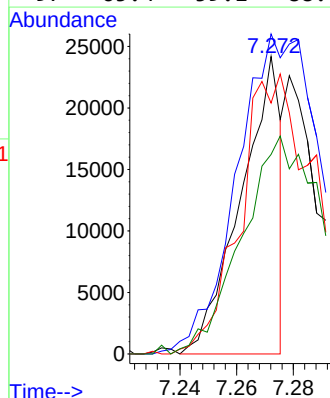
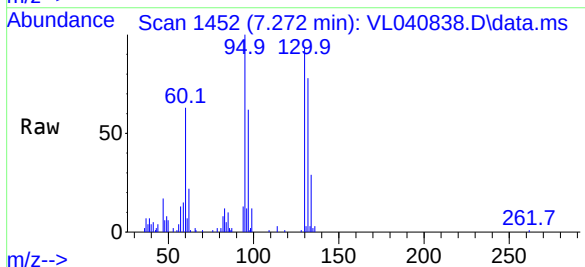
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

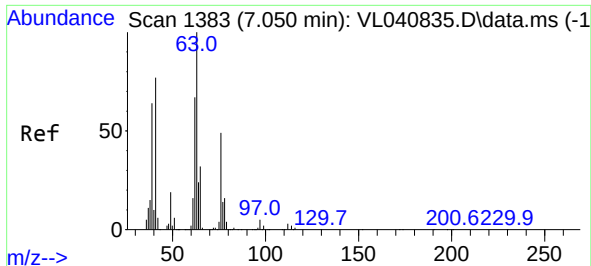
Tgt Ion: 62 Resp: 69661
Ion Ratio Lower Upper
62 100
98 6.2 4.6 6.8



#38
Trichloroethene
Concen: 0.253 ppbv
RT: 7.272 min Scan# 1452
Delta R.T. -0.026 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 130 Resp: 23601
Ion Ratio Lower Upper
130 100
95 103.3 92.4 138.6
132 82.8 75.1 112.7
97 65.4 59.1 88.7





#39

1,2-Dichloropropane

Concen: 0.398 ppbv

RT: 7.060 min Scan# 11

Delta R.T. -0.023 min

Lab File: VL040838.D

Acq: 13 Nov 2023 12:40

Instrument :

MSVOA_1

ClientSampleId :

VSTDICC0.5

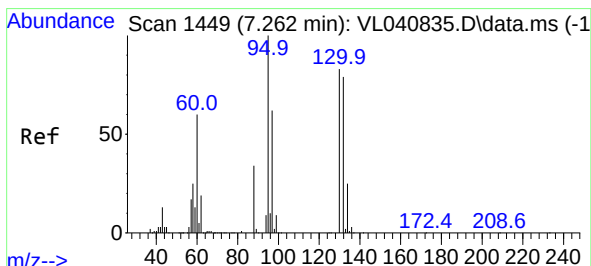
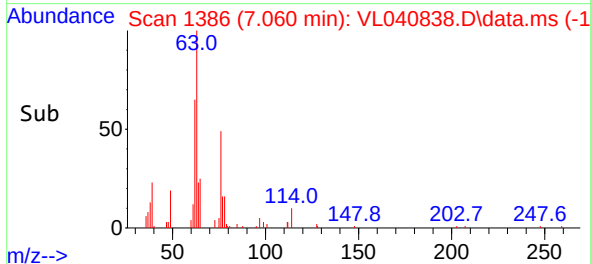
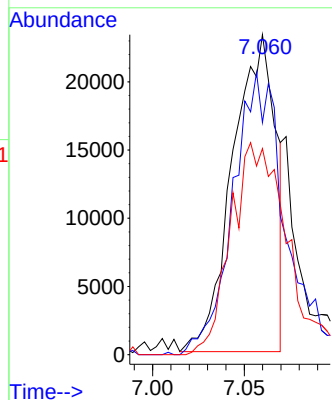
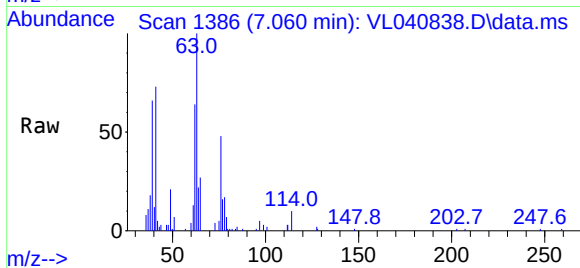
Tgt Ion: 63 Resp: 37919

Ion Ratio Lower Upper

63 100

41 75.7 61.5 92.3

62 67.2 53.9 80.9



#40

1,4-Dioxane

Concen: 0.419 ppbv

RT: 7.304 min Scan# 1462

Delta R.T. 0.013 min

Lab File: VL040838.D

Acq: 13 Nov 2023 12:40

Tgt Ion: 88 Resp: 15830

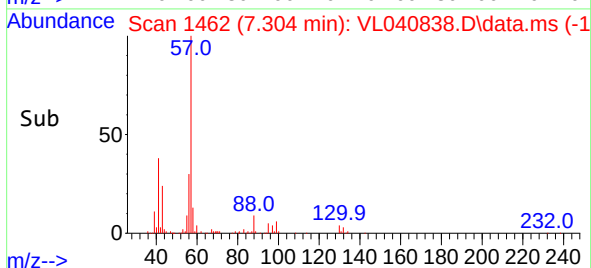
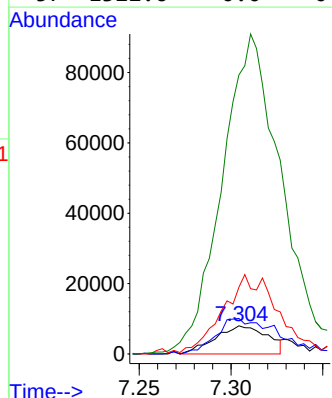
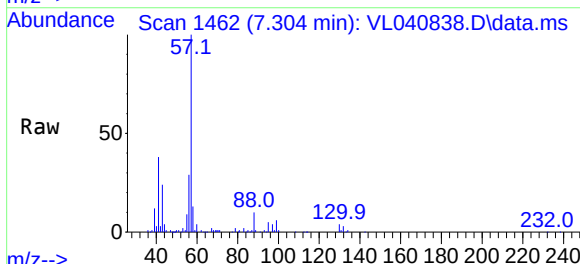
Ion Ratio Lower Upper

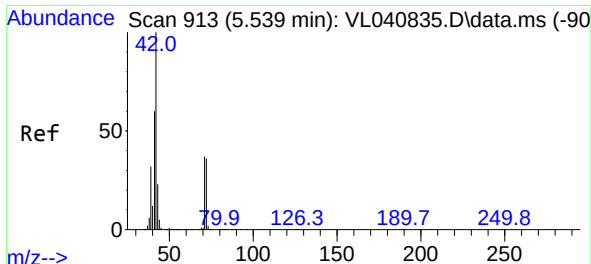
88 100

58 166.4 101.0 151.6#

43 312.6 0.0 0.0#

57 1322.6 0.0 0.0#





#41

Tetrahydrofuran

Concen: 0.497 ppbv

RT: 5.574 min Scan# 91

Delta R.T. -0.000 min

Lab File: VL040838.D

Acq: 13 Nov 2023 12:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

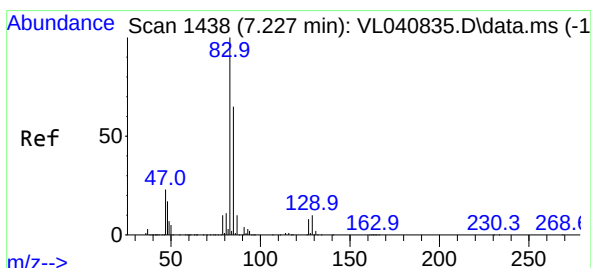
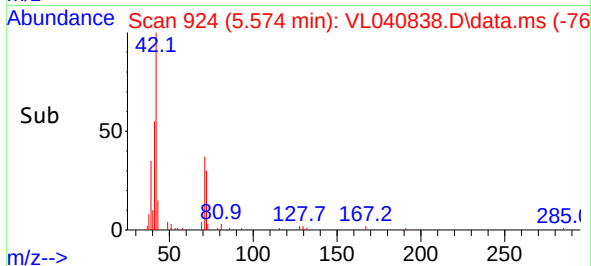
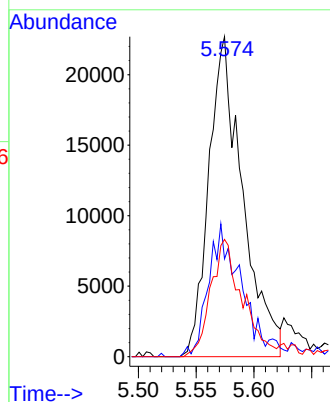
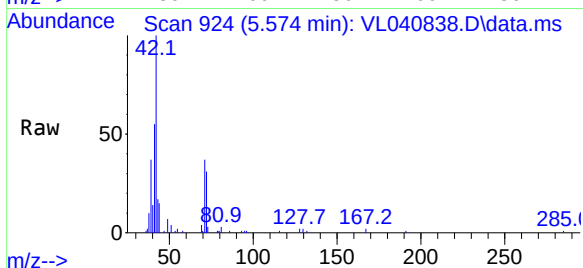
Tgt Ion: 42 Resp: 46094

Ion Ratio Lower Upper

42 100

72 42.9 30.8 46.2

71 36.6 30.0 45.0



#42

Bromodichloromethane

Concen: 0.499 ppbv

RT: 7.234 min Scan# 1440

Delta R.T. -0.026 min

Lab File: VL040838.D

Acq: 13 Nov 2023 12:40

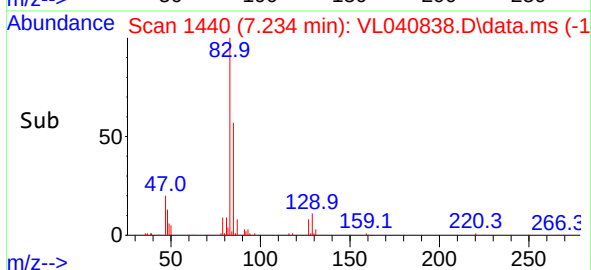
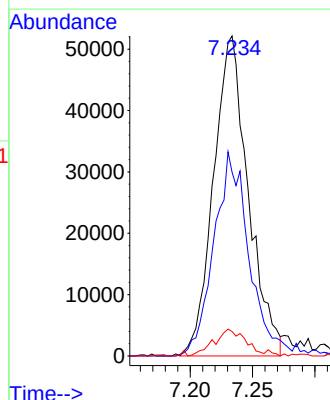
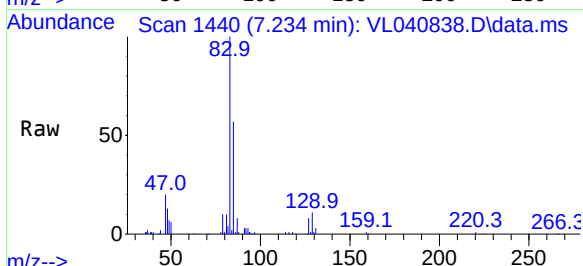
Tgt Ion: 83 Resp: 101170

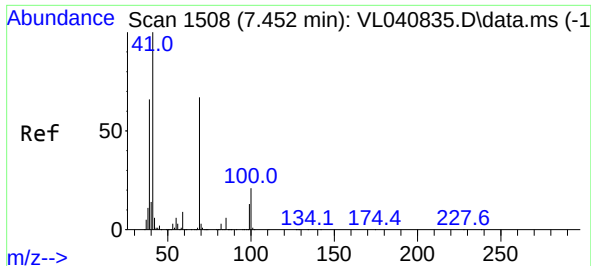
Ion Ratio Lower Upper

83 100

85 57.0 52.3 78.5

127 7.7 6.6 10.0

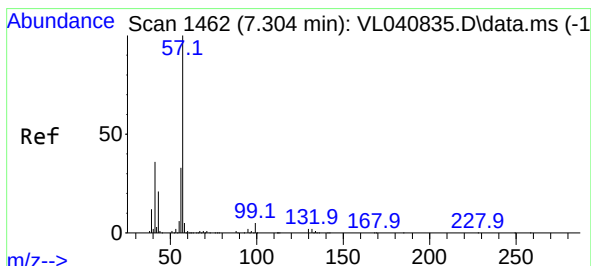
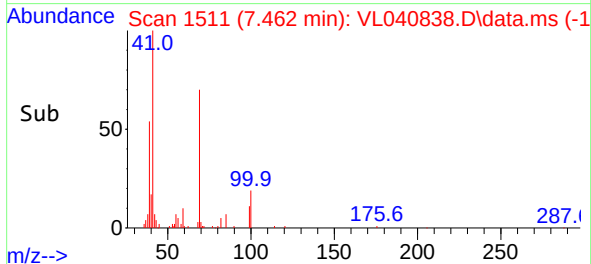
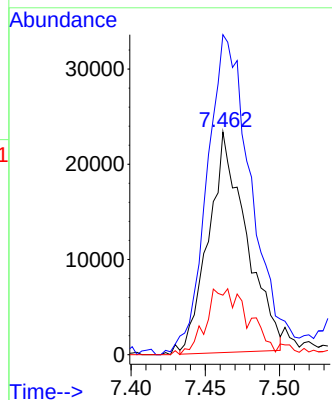
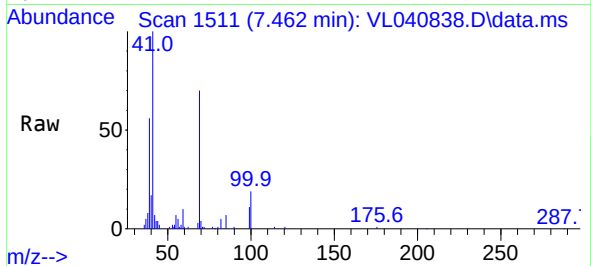




#43
Methyl Methacrylate
Concen: 0.449 ppbv
RT: 7.462 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

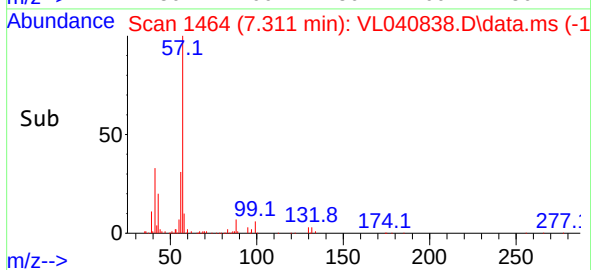
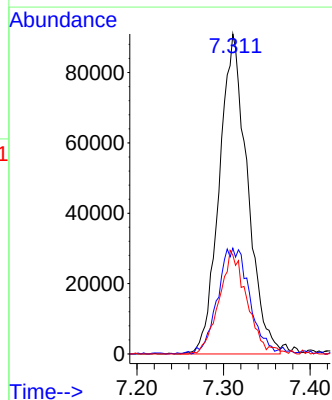
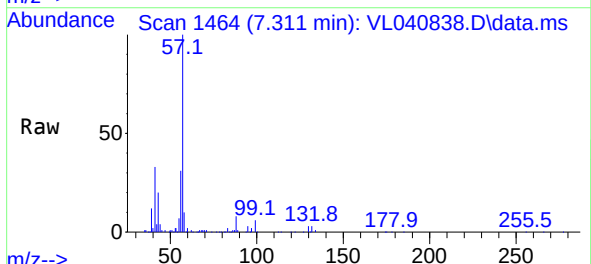
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC0.5

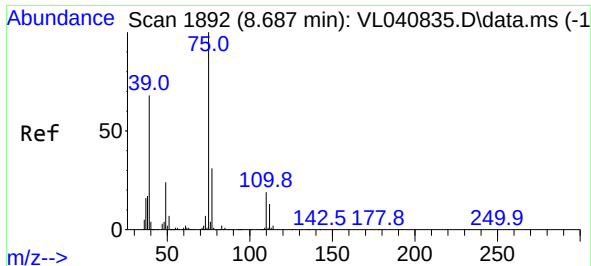
Tgt Ion: 69 Resp: 41075
Ion Ratio Lower Upper
69 100
41 170.5 123.0 184.4
100 35.9 25.4 38.2



#44
2,2,4-Trimethylpentane
Concen: 0.515 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. -0.023 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 57 Resp: 205499
Ion Ratio Lower Upper
57 100
41 38.5 29.0 43.6
56 32.0 25.2 37.8

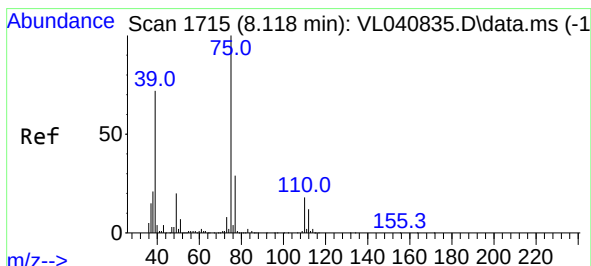
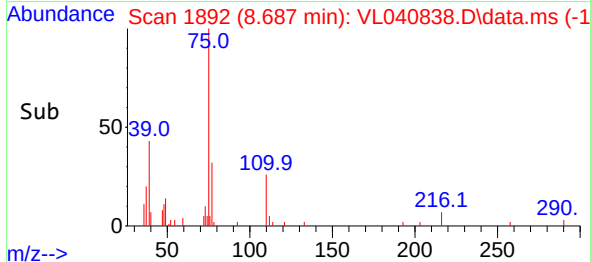
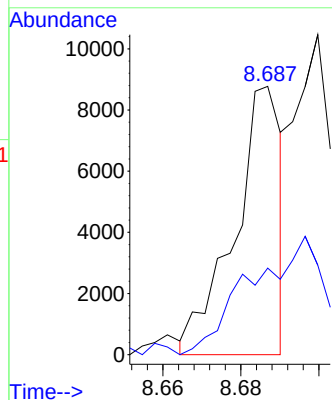
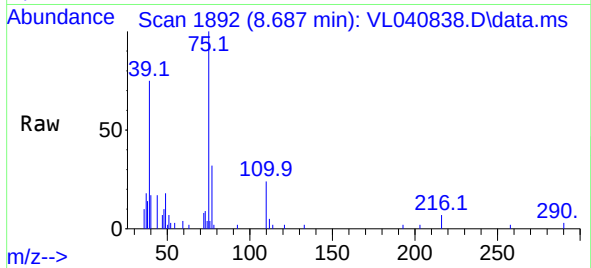




#45
t-1,3-Dichloropropene
Concen: 0.137 ppbv
RT: 8.687 min Scan# 11
Delta R.T. -0.023 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

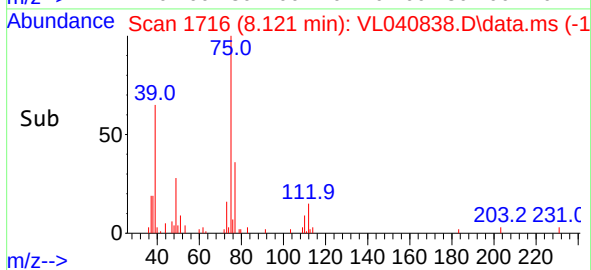
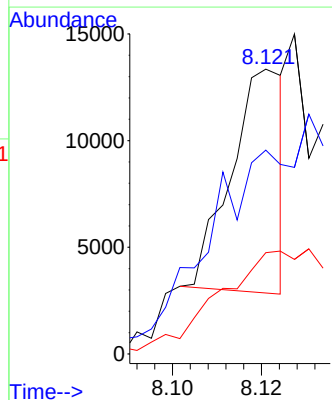
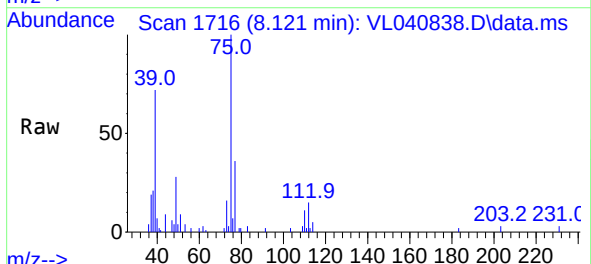
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

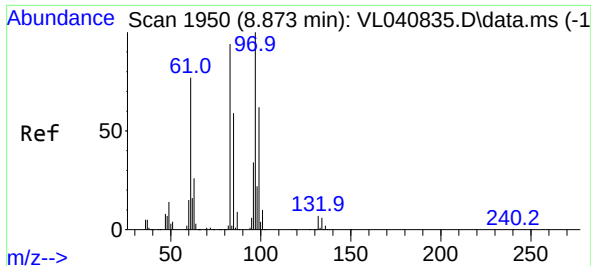
Tgt Ion: 75 Resp: 7348
Ion Ratio Lower Upper
75 100
77 30.9 24.9 37.3



#46
cis-1,3-Dichloropropene
Concen: 0.122 ppbv
RT: 8.121 min Scan# 1716
Delta R.T. -0.026 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 75 Resp: 8520
Ion Ratio Lower Upper
75 100
39 54.0 57.3 85.9#
77 39.6 23.0 34.6#



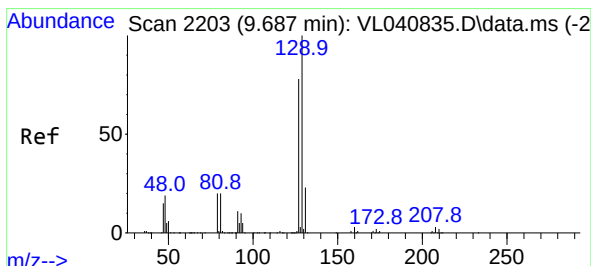
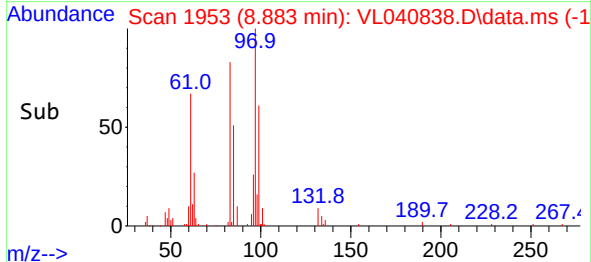
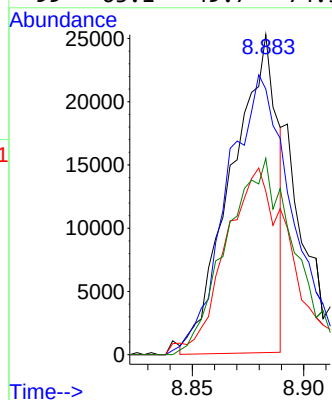
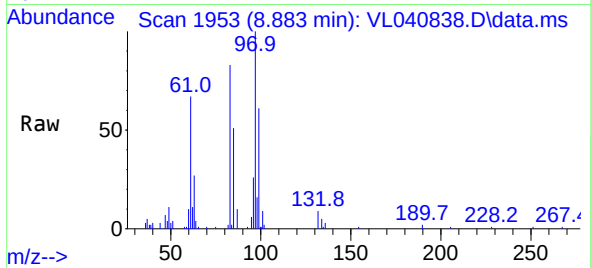


#47
1,1,2-Trichloroethane
Concen: 0.360 ppbv
RT: 8.883 min Scan# 1950
Delta R.T. -0.016 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 97 Resp: 35930

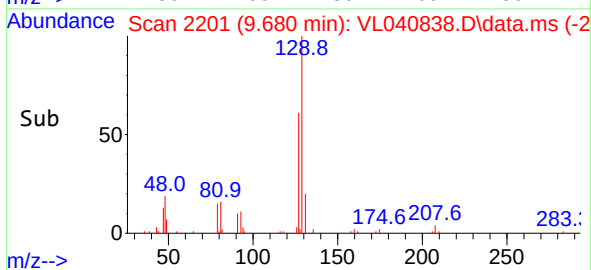
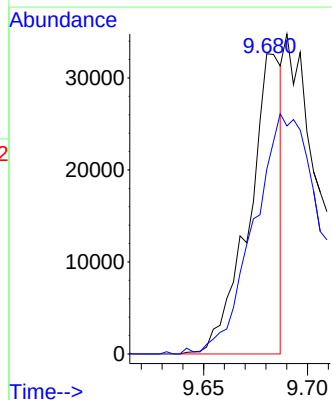
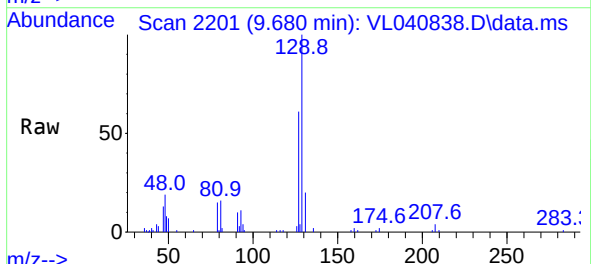
Ion	Ratio	Lower	Upper
97	100		
83	82.7	74.8	112.2
85	48.8	47.4	71.0
99	63.1	49.7	74.5

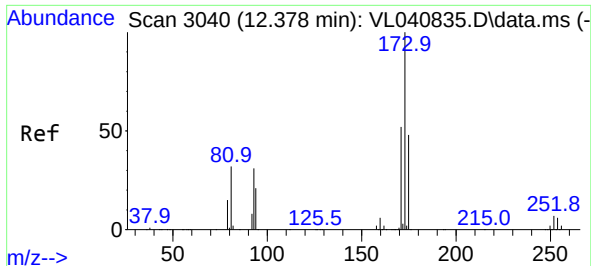


#48
Dibromochloromethane
Concen: 0.215 ppbv
RT: 9.680 min Scan# 2201
Delta R.T. -0.032 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 129 Resp: 35592

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.3	117.9

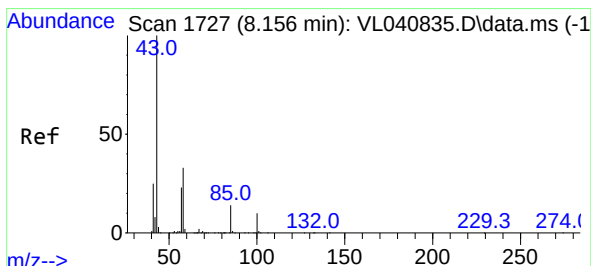
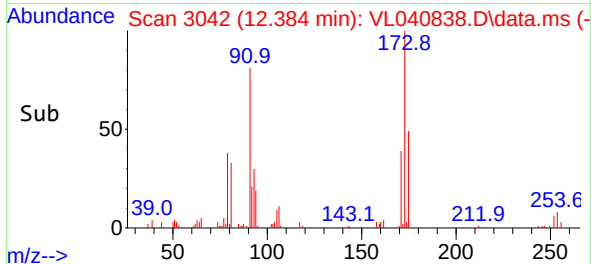
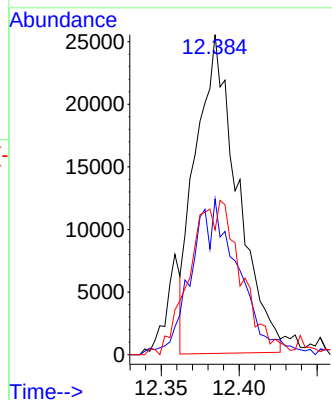
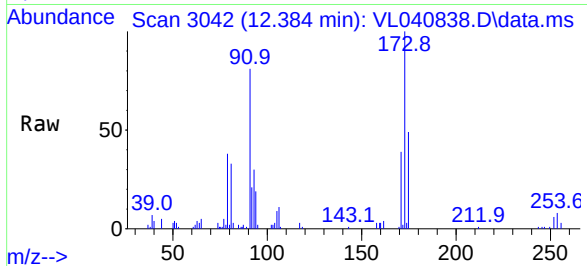




#49
Bromoform
Concen: 0.382 ppbv
RT: 12.384 min Scan# 3042
Delta R.T. -0.019 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

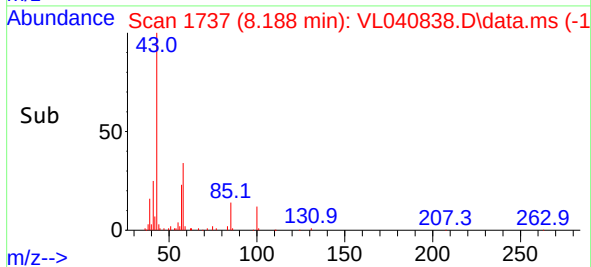
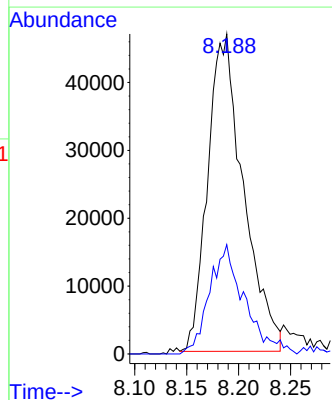
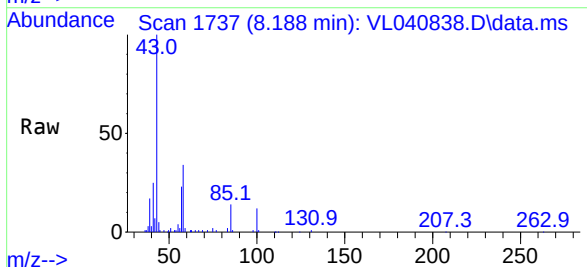
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

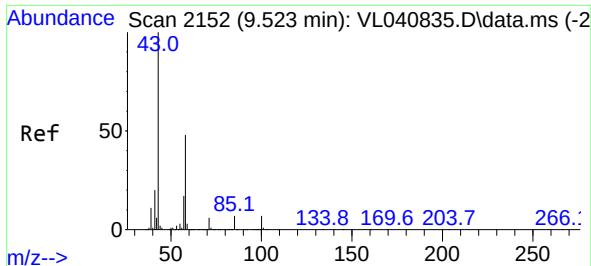
Tgt Ion:173 Resp: 47541
Ion Ratio Lower Upper
173 100
175 56.0 39.0 58.6
171 61.4 41.8 62.6



#50
4-Methyl-2-Pentanone
Concen: 0.480 ppbv
RT: 8.188 min Scan# 1737
Delta R.T. 0.003 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 43 Resp: 111927
Ion Ratio Lower Upper
43 100
58 34.8 27.8 41.6

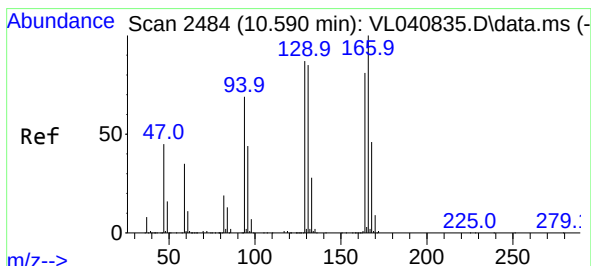
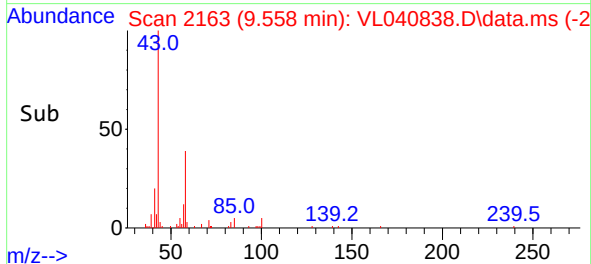
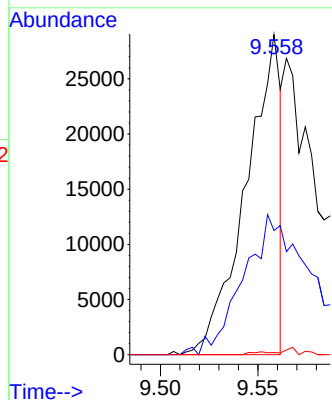
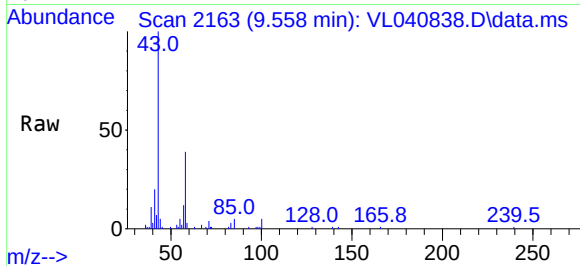




#51
2-Hexanone
Concen: 0.218 ppbv
RT: 9.558 min Scan# 2152
Delta R.T. 0.010 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

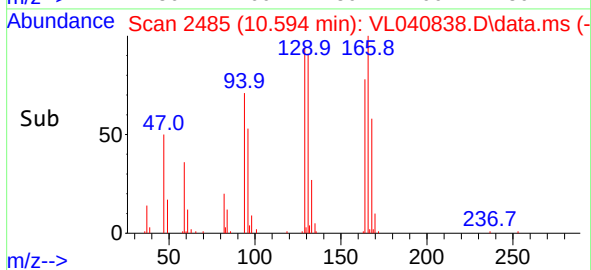
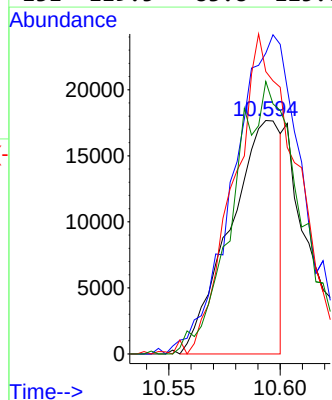
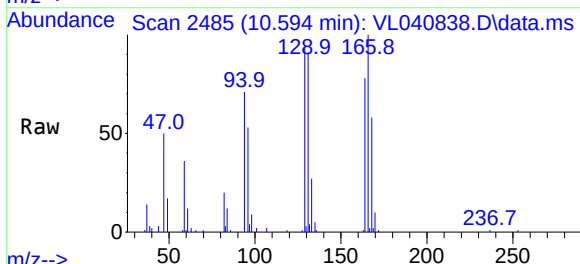
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

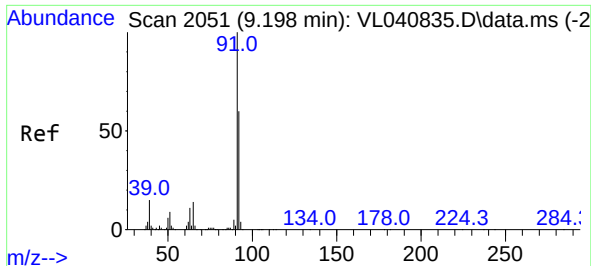
Tgt Ion: 43 Resp: 35852
Ion Ratio Lower Upper
43 100
58 101.0 37.4 56.2#
98 0.1 0.2 0.2#



#52
Tetrachloroethene
Concen: 0.345 ppbv
RT: 10.594 min Scan# 2485
Delta R.T. -0.023 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 164 Resp: 27873
Ion Ratio Lower Upper
164 100
166 123.0 98.3 147.5
129 118.5 85.1 127.7
131 119.5 83.8 125.6

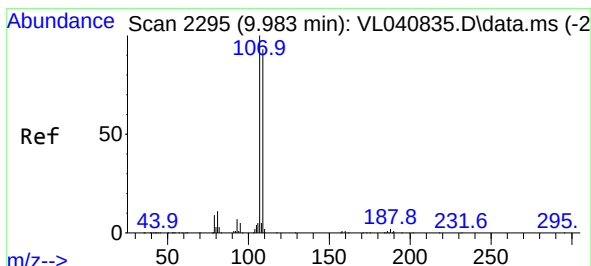
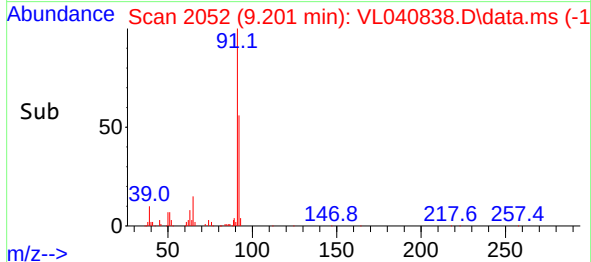
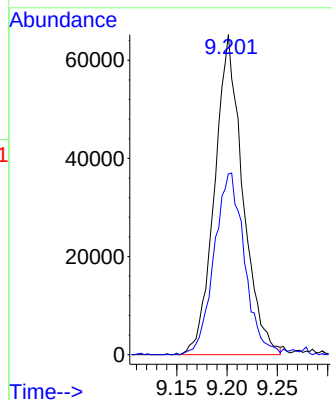
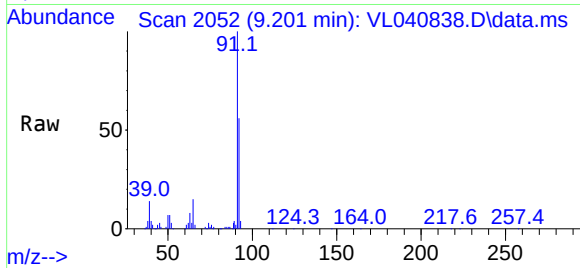




#53
Toluene
Concen: 0.482 ppbv
RT: 9.201 min Scan# 2052
Delta R.T. -0.023 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

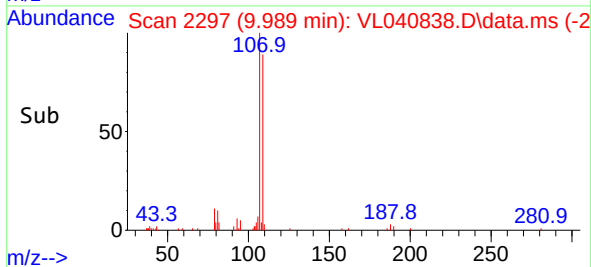
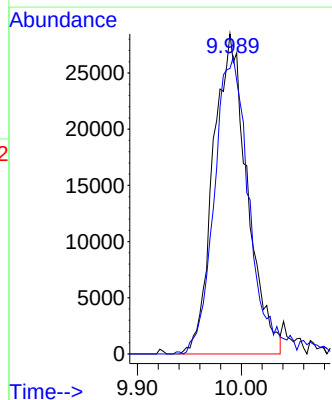
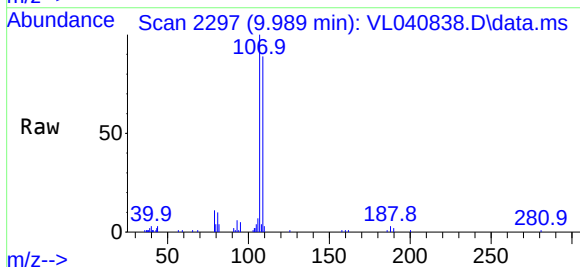
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

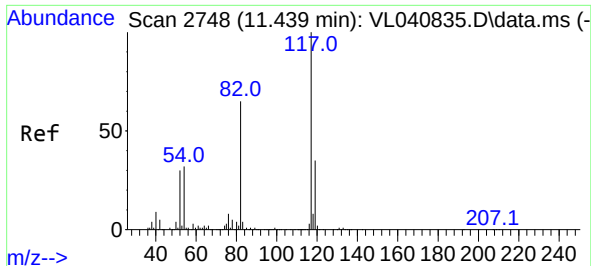
Tgt Ion: 91 Resp: 127273
Ion Ratio Lower Upper
91 100
92 62.0 49.4 74.2



#54
1,2-Dibromoethane
Concen: 0.504 ppbv
RT: 9.989 min Scan# 2297
Delta R.T. -0.019 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 107 Resp: 64702
Ion Ratio Lower Upper
107 100
109 88.6 74.5 111.7

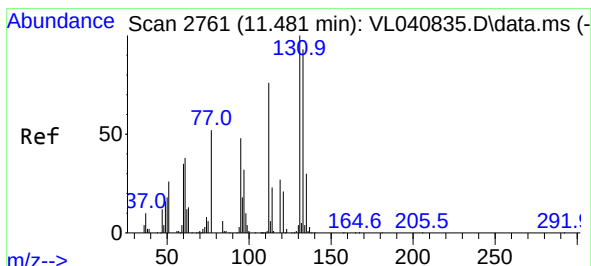
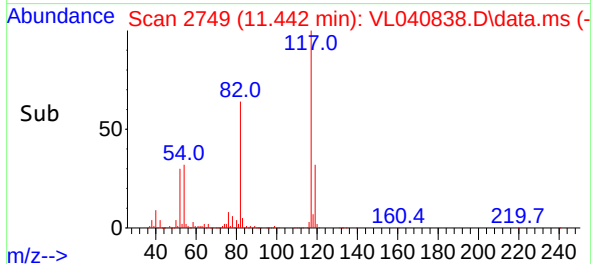
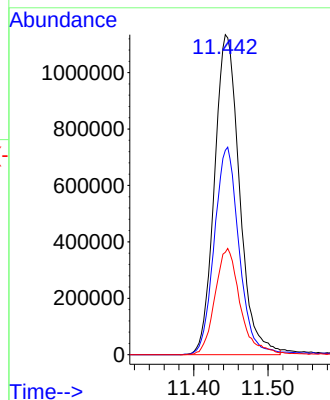
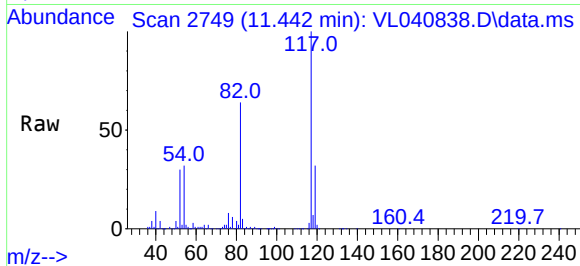




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.442 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

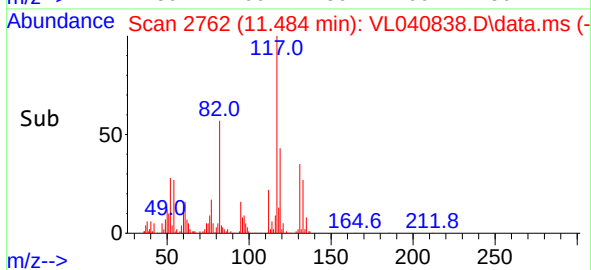
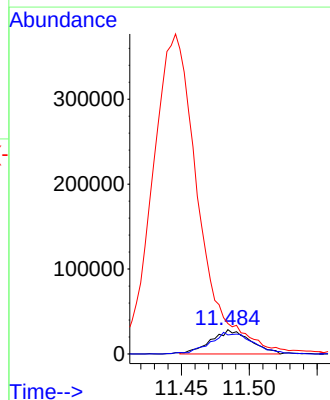
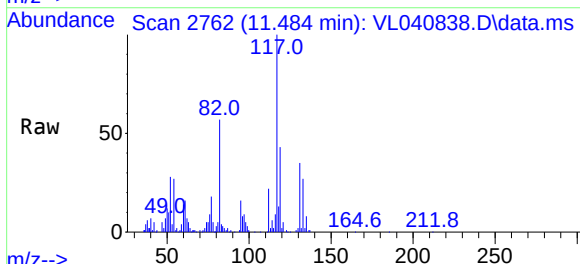
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

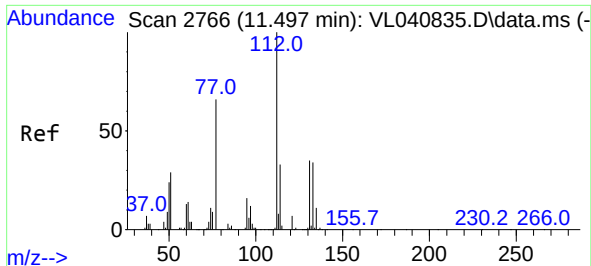
Tgt Ion:117 Resp: 2664111
Ion Ratio Lower Upper
117 100
82 64.7 50.6 75.8
119 33.7 23.3 34.9



#56
1,1,1,2-Tetrachloroethane
Concen: 0.504 ppbv
RT: 11.484 min Scan# 2762
Delta R.T. -0.023 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion:131 Resp: 57456
Ion Ratio Lower Upper
131 100
133 96.9 76.4 114.6
119 0.0 51.1 76.7#

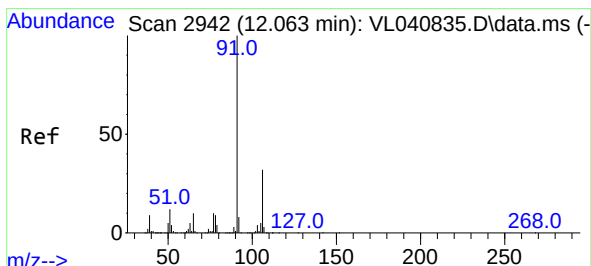
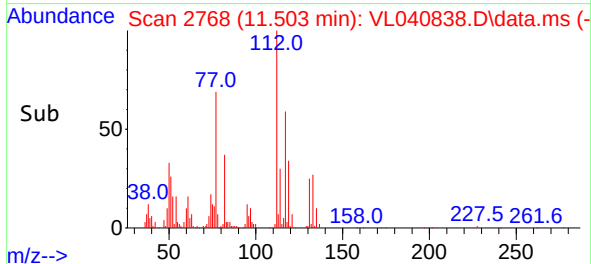
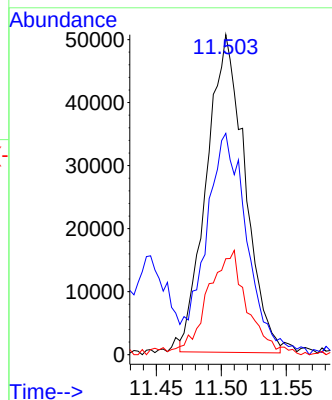
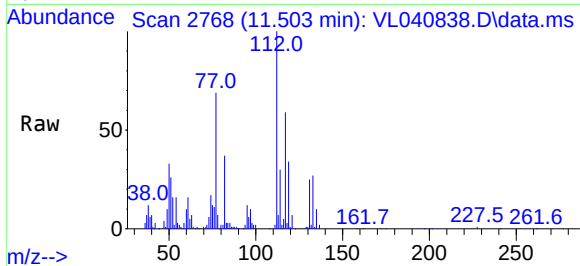




#57
Chlorobenzene
Concen: 0.524 ppbv
RT: 11.503 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

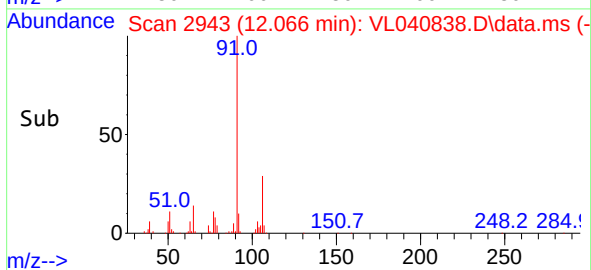
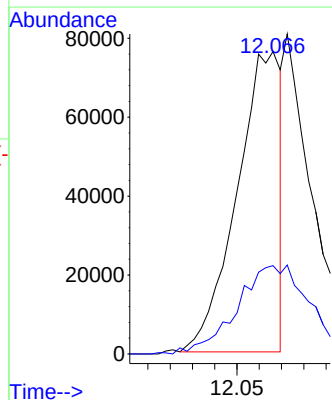
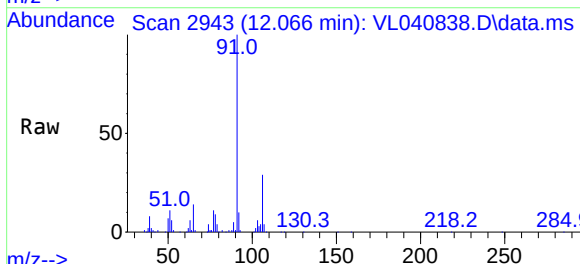
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

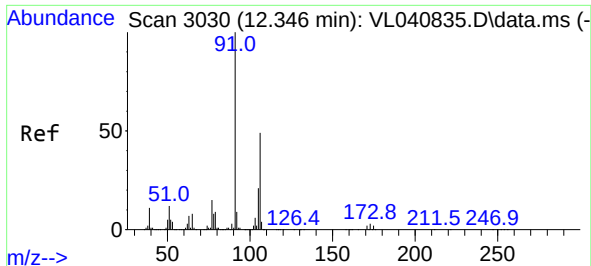
Tgt Ion:112 Resp: 103422
Ion Ratio Lower Upper
112 100
77 65.9 53.3 79.9
114 28.5 29.3 35.9#



#58
Ethyl Benzene
Concen: 0.300 ppbv
RT: 12.066 min Scan# 2943
Delta R.T. -0.019 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 91 Resp: 104188
Ion Ratio Lower Upper
91 100
106 27.4 25.2 37.8





#59

m/p-Xylene

Concen: 0.431 ppbv

RT: 12.349 min Scan# 3030

Delta R.T. -0.019 min

Lab File: VL040838.D

Acq: 13 Nov 2023 12:40

Instrument :

MSVOA_L

ClientSampleId :

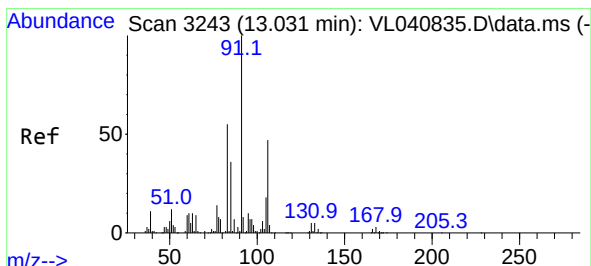
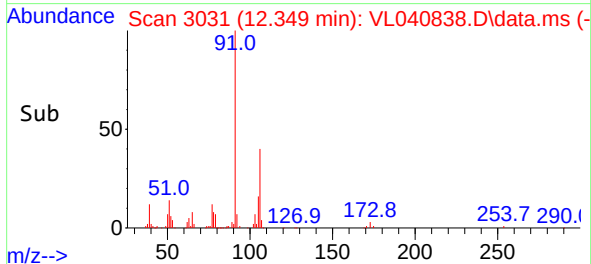
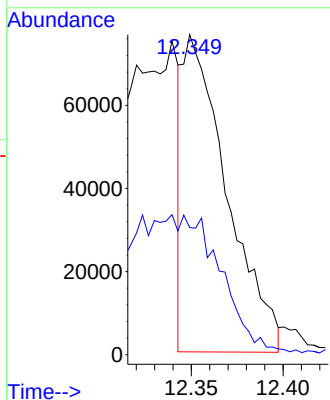
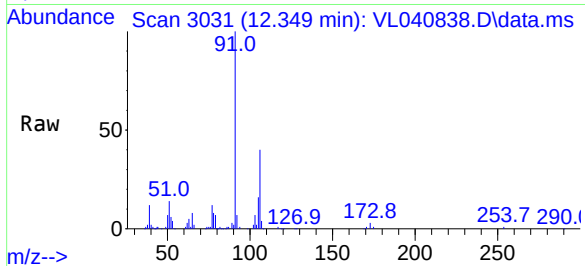
VSTDICC0.5

Tgt Ion: 91 Resp: 127535

Ion Ratio Lower Upper

91 100

106 0.0 35.4 53.0#



#60

o-Xylene

Concen: 0.523 ppbv

RT: 13.037 min Scan# 3245

Delta R.T. -0.016 min

Lab File: VL040838.D

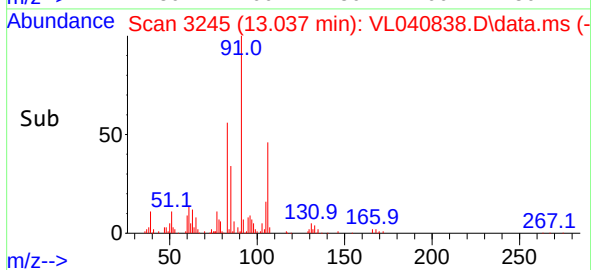
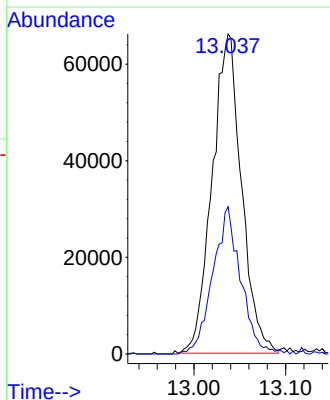
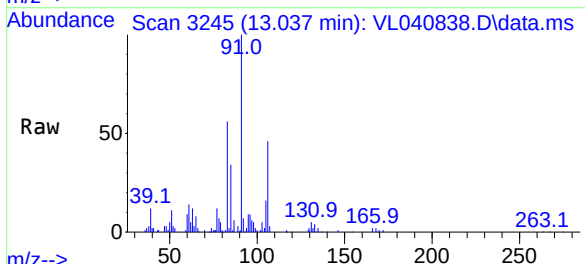
Acq: 13 Nov 2023 12:40

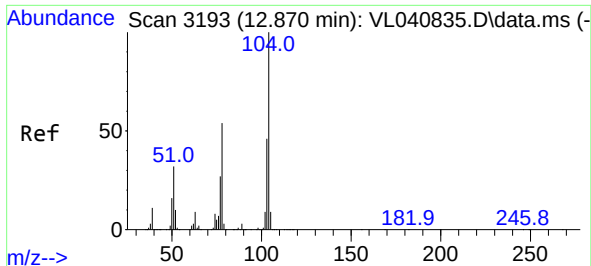
Tgt Ion: 91 Resp: 147296

Ion Ratio Lower Upper

91 100

106 43.7 22.9 68.5

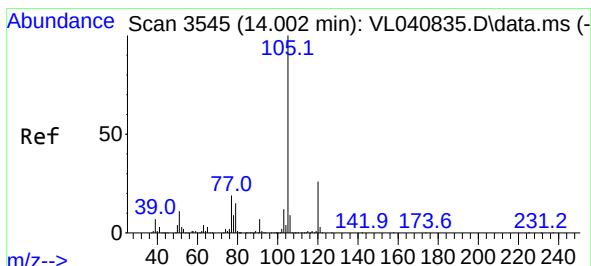
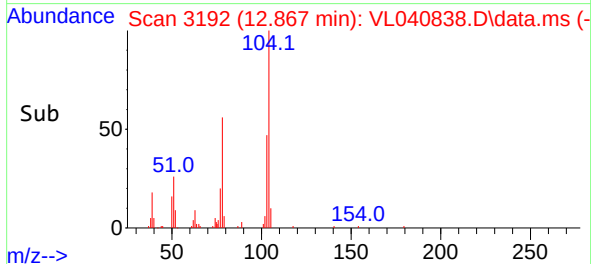
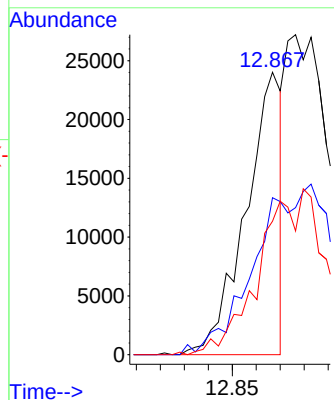
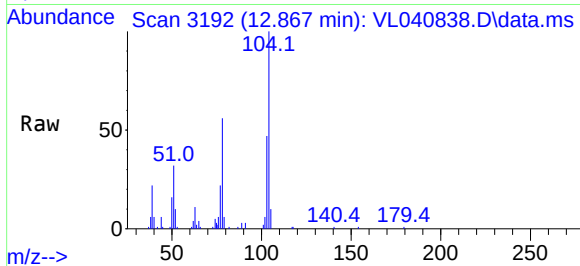




#61
Styrene
Concen: 0.184 ppbv
RT: 12.867 min Scan# 3192
Delta R.T. -0.026 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

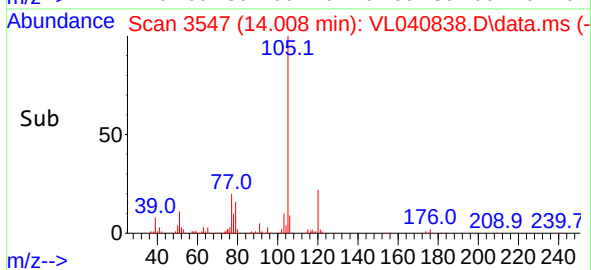
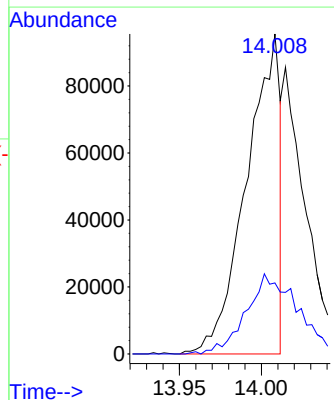
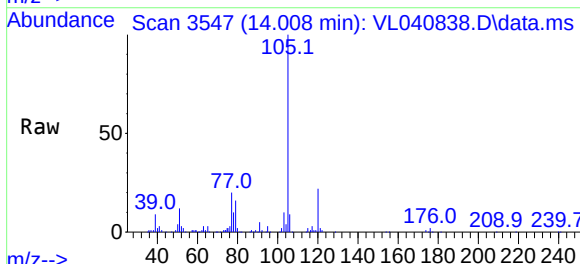
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

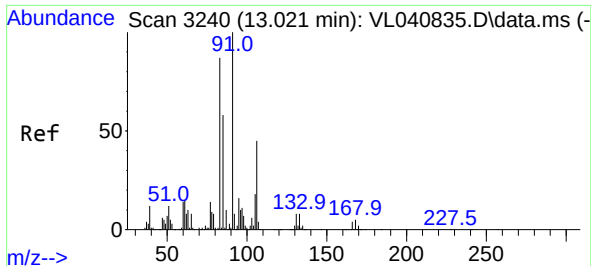
Tgt Ion:104 Resp: 24944
Ion Ratio Lower Upper
104 100
78 0.0 43.3 64.9#
103 0.0 37.6 56.4#



#62
Isopropylbenzene
Concen: 0.326 ppbv
RT: 14.008 min Scan# 3547
Delta R.T. -0.016 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion:105 Resp: 135904
Ion Ratio Lower Upper
105 100
120 39.2 20.7 31.1#

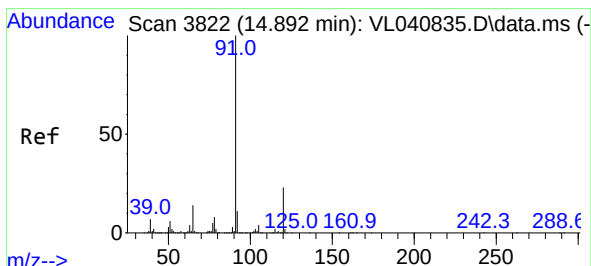
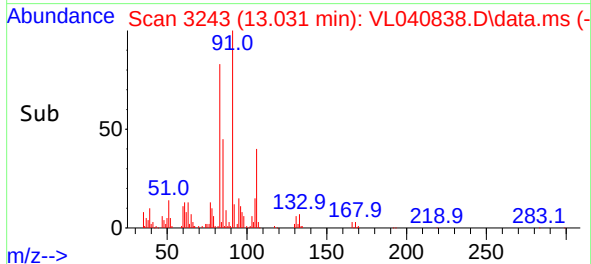
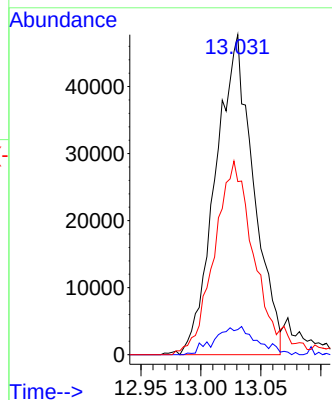
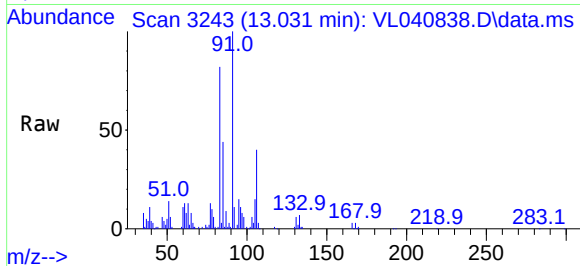




#63
1,1,2,2-Tetrachloroethane
Concen: 0.528 ppbv
RT: 13.031 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

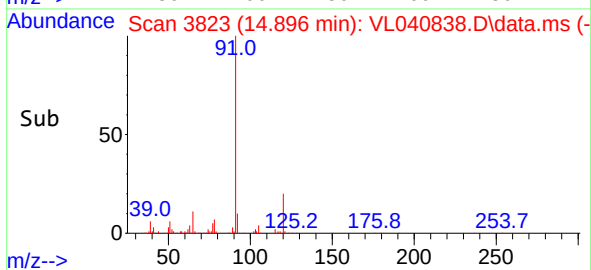
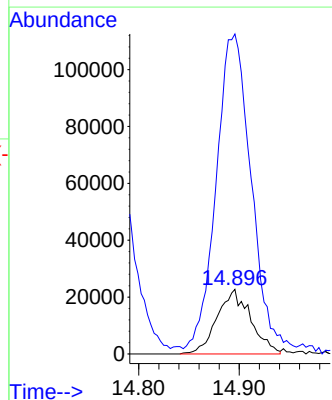
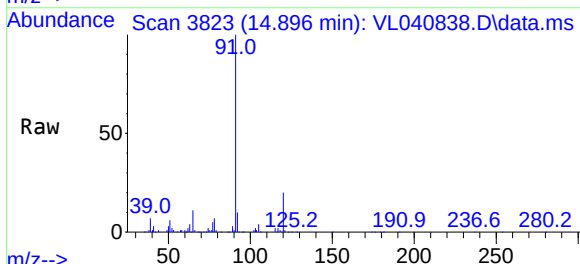
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

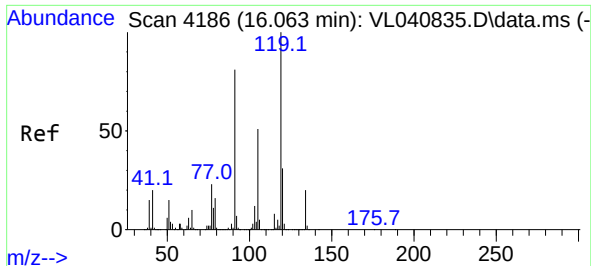
Tgt Ion: 83 Resp: 105448
Ion Ratio Lower Upper
83 100
131 10.1 4.5 13.7
85 65.9 32.9 98.7



#64
n-propylbenzene
Concen: 0.505 ppbv
RT: 14.896 min Scan# 3823
Delta R.T. -0.013 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 120 Resp: 52740
Ion Ratio Lower Upper
120 100
91 531.9 381.1 571.7

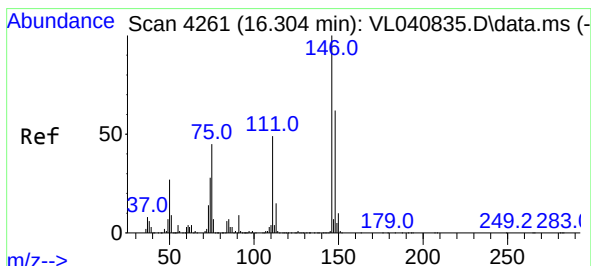
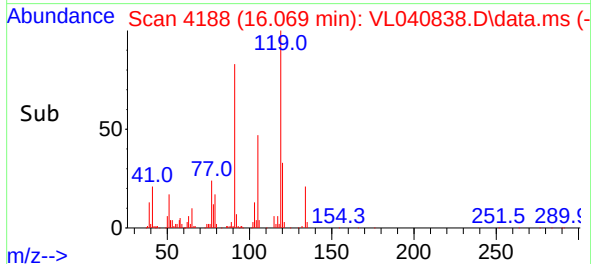
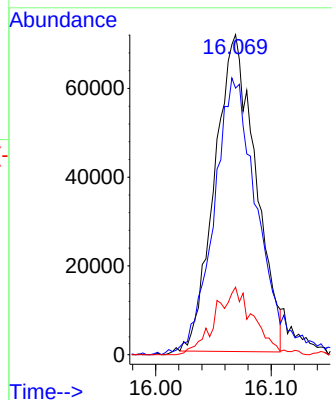
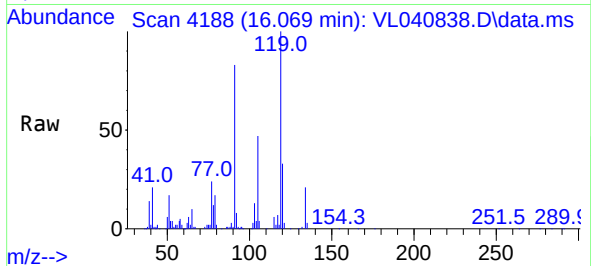




#65
tert-Butylbenzene
Concen: 0.500 ppbv
RT: 16.069 min Scan# 4186
Delta R.T. -0.013 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

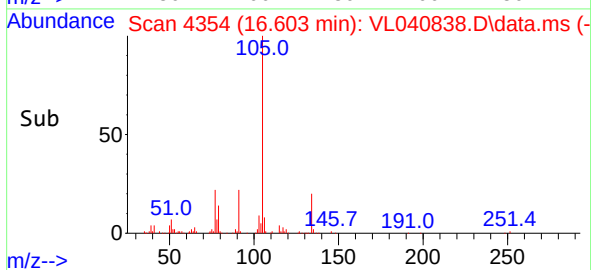
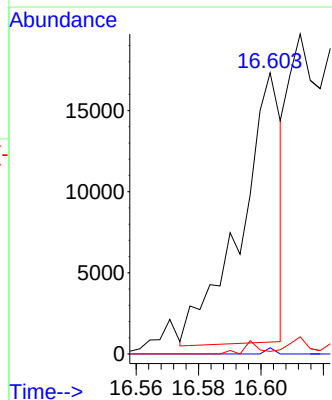
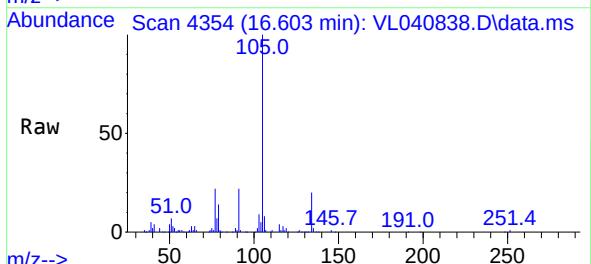
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

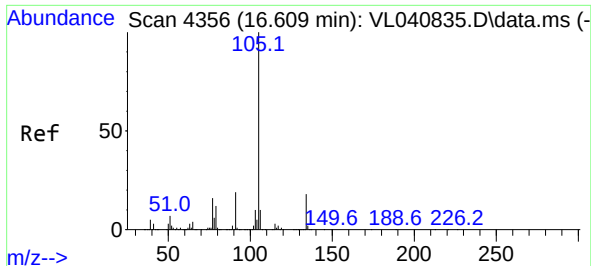
Tgt Ion:119 Resp: 175424
Ion Ratio Lower Upper
119 100
91 97.5 67.5 101.3
134 20.3 15.9 23.9



#66
Benzyl Chloride
Concen: 1.163 ppbv
RT: 16.603 min Scan# 4354
Delta R.T. 0.276 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 91 Resp: 15045
Ion Ratio Lower Upper
91 100
126 1.7 12.8 19.2#
128 0.4 0.0 0.0#





#67

sec-Butylbenzene

Concen: 0.502 ppbv

RT: 16.616 min Scan# 41

Delta R.T. -0.013 min

Lab File: VL040838.D

Acq: 13 Nov 2023 12:40

Instrument :

MSVOA_L

ClientSampleId :

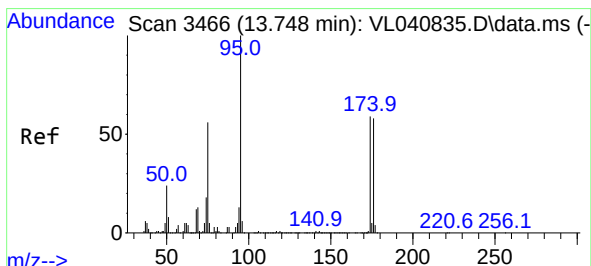
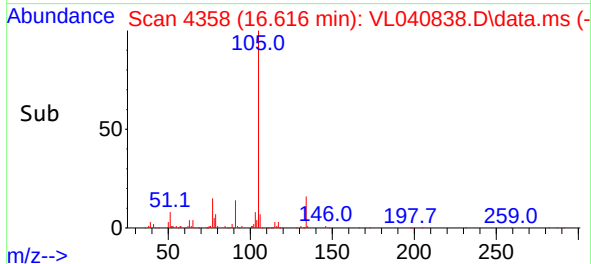
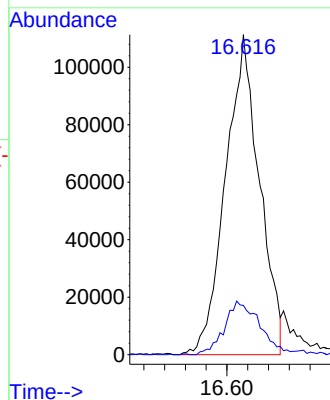
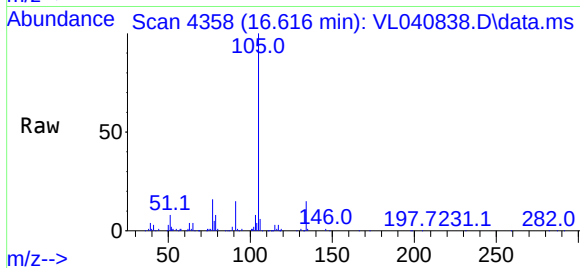
VSTDICC0.5

Tgt Ion:105 Resp: 251589

Ion Ratio Lower Upper

105 100

134 18.3 14.3 21.5



#68

1-Bromo-4-Fluorobenzene

Concen: 10.066 ppbv

RT: 13.751 min Scan# 3467

Delta R.T. -0.019 min

Lab File: VL040838.D

Acq: 13 Nov 2023 12:40

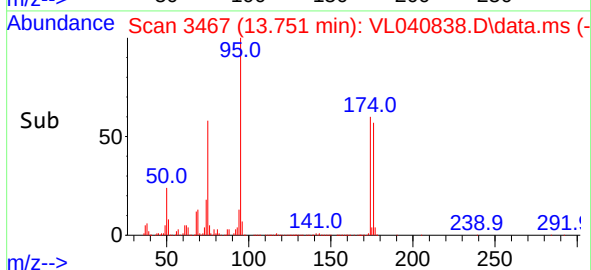
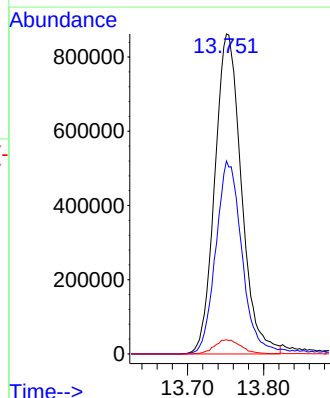
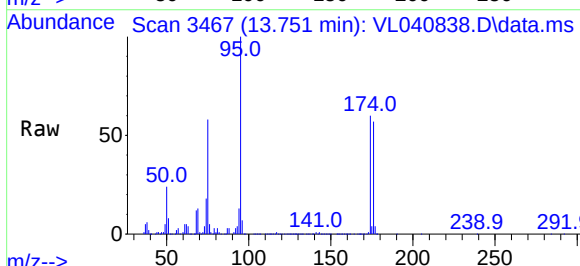
Tgt Ion: 95 Resp: 2099679

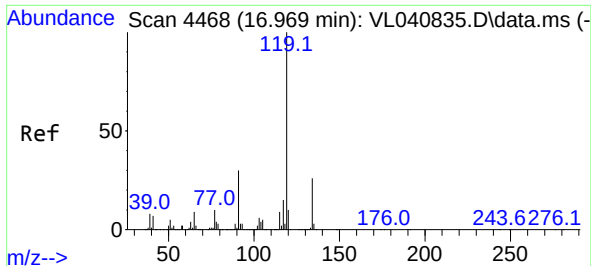
Ion Ratio Lower Upper

95 100

174 60.7 47.5 71.3

175 4.7 3.6 5.4

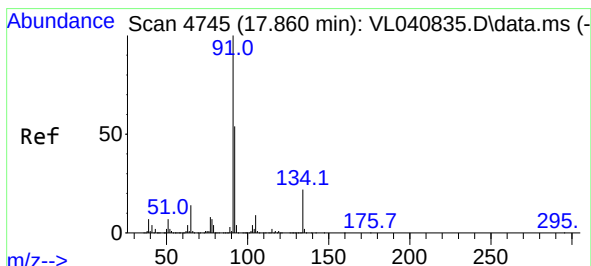
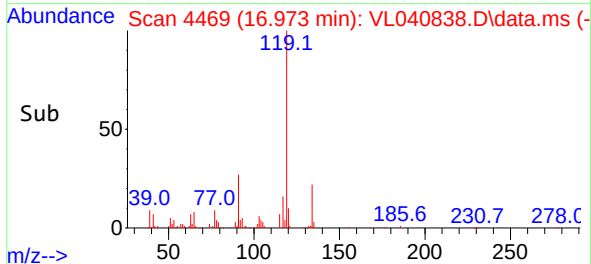
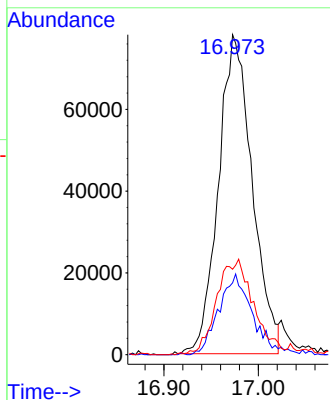
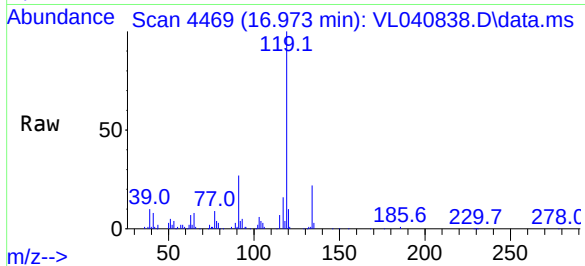




#69
p-Isopropyltoluene
Concen: 0.484 ppbv
RT: 16.973 min Scan# 4469
Delta R.T. -0.013 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

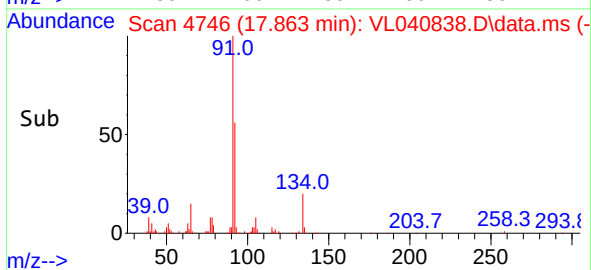
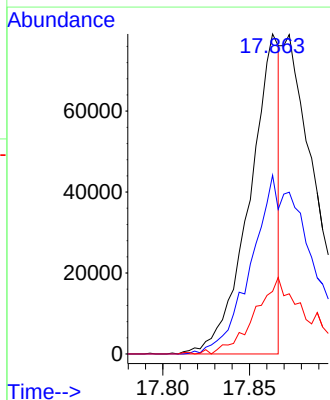
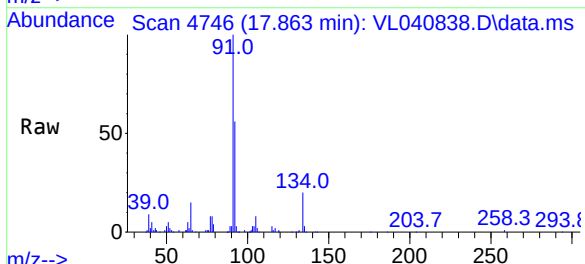
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

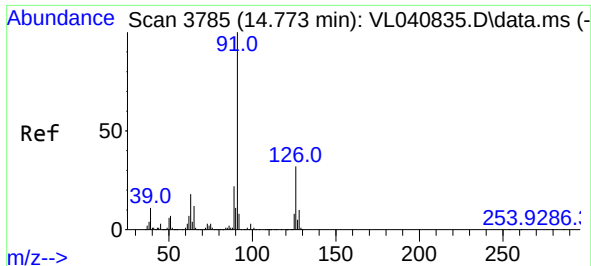
Tgt Ion:119 Resp: 193578
Ion Ratio Lower Upper
119 100
134 25.6 20.5 30.7
91 34.7 24.7 37.1



#70
n-Butylbenzene
Concen: 0.224 ppbv
RT: 17.863 min Scan# 4746
Delta R.T. -0.016 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 91 Resp: 94452
Ion Ratio Lower Upper
91 100
92 118.6 43.4 65.2#
134 44.9 17.4 26.0#

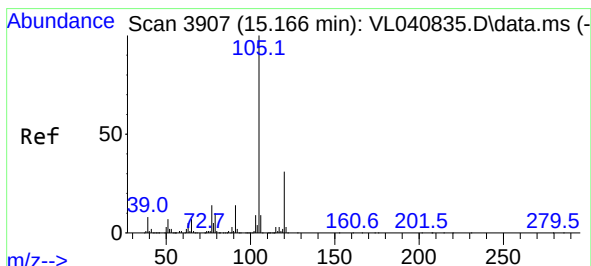
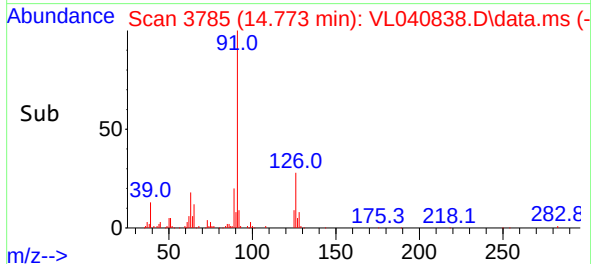
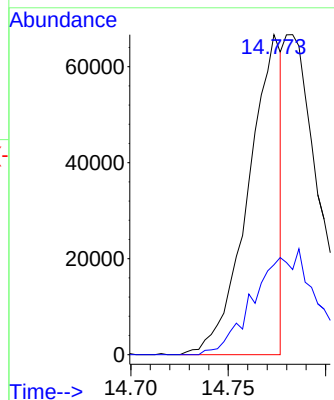
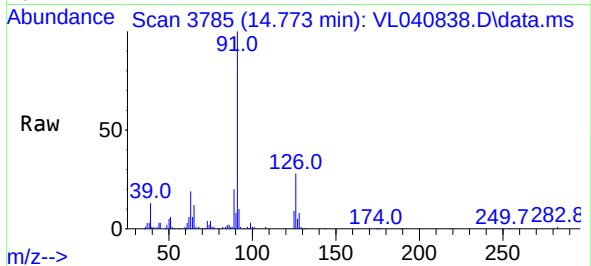




#71
2-Chlorotoluene
Concen: 0.249 ppbv
RT: 14.773 min Scan# 31
Delta R.T. -0.023 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

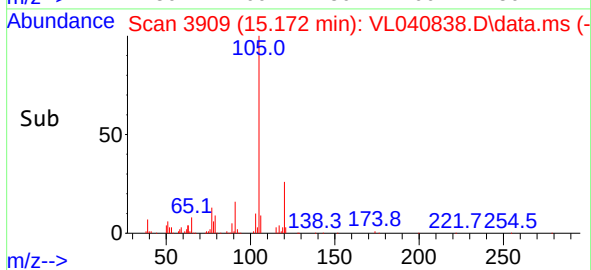
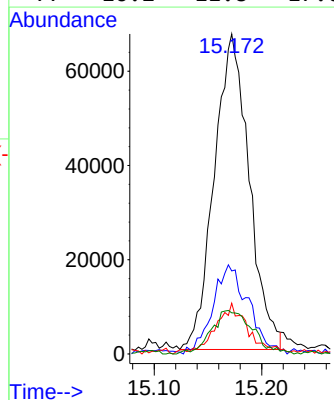
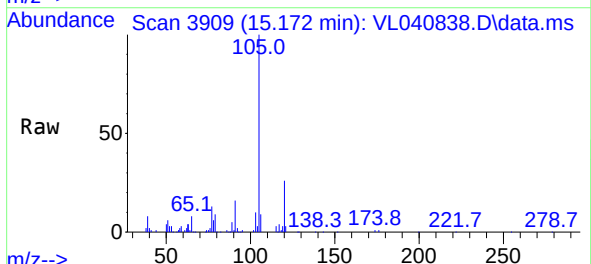
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

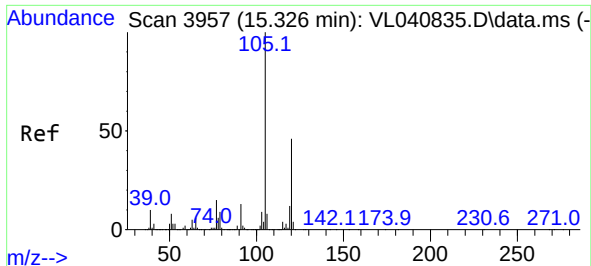
Tgt Ion: 91 Resp: 79115
Ion Ratio Lower Upper
91 100
126 0.0 12.1 48.5#



#72
4-Ethyltoluene
Concen: 0.488 ppbv
RT: 15.172 min Scan# 3909
Delta R.T. -0.013 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 105 Resp: 151252
Ion Ratio Lower Upper
105 100
120 28.1 24.5 36.7
91 16.7 10.6 16.0#
77 16.2 11.8 17.6

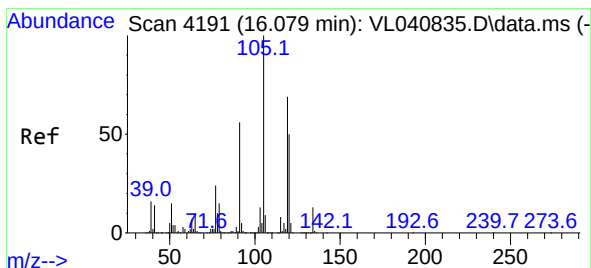
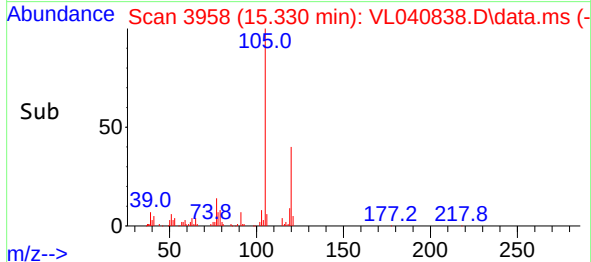
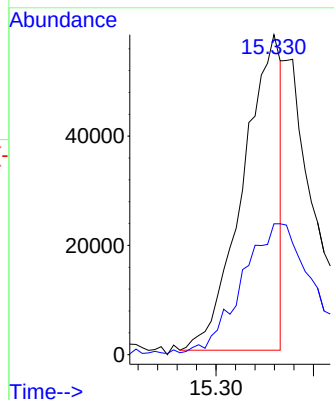
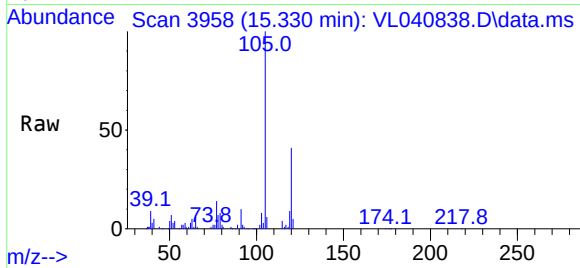




#73
1,3,5-Trimethylbenzene
Concen: 0.287 ppbv
RT: 15.330 min Scan# 3957
Delta R.T. -0.013 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

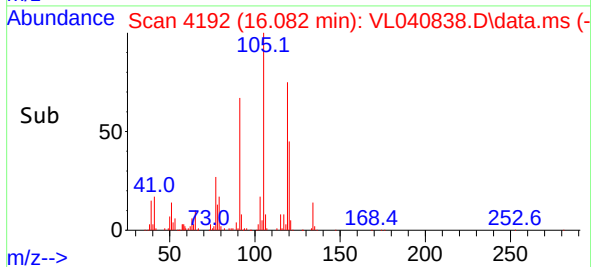
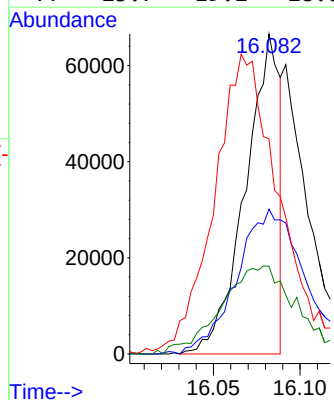
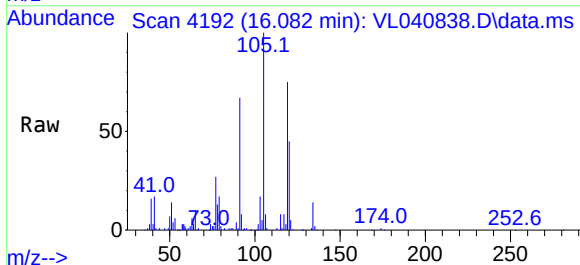
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

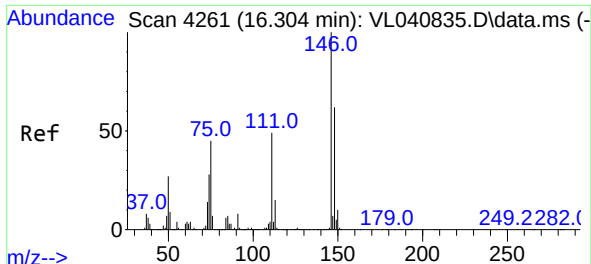
Tgt Ion:105 Resp: 78516
Ion Ratio Lower Upper
105 100
120 40.9 36.8 55.2



#74
1,2,4-Trimethylbenzene
Concen: 0.301 ppbv
RT: 16.082 min Scan# 4192
Delta R.T. -0.019 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion:105 Resp: 91932
Ion Ratio Lower Upper
105 100
120 45.3 40.2 60.2
91 56.8 45.7 68.5
77 23.7 19.2 28.8

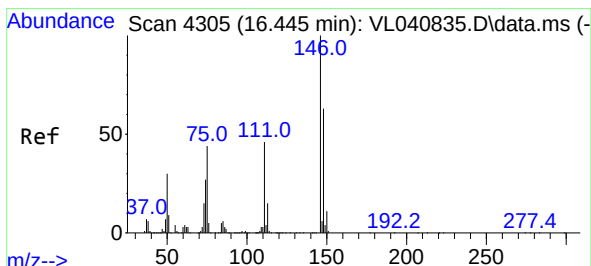
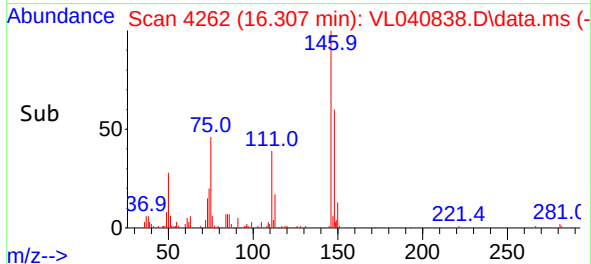
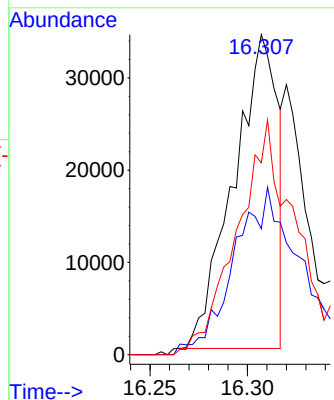
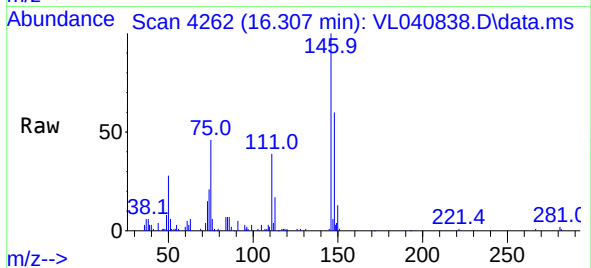




#75
1,3-Dichlorobenzene
Concen: 0.318 ppbv
RT: 16.307 min Scan# 411
Delta R.T. -0.016 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

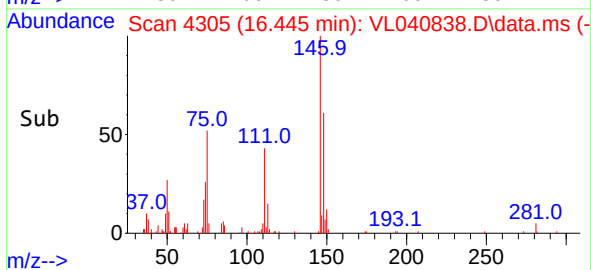
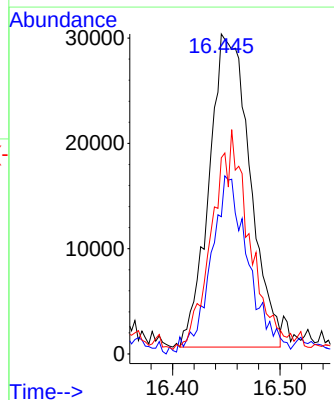
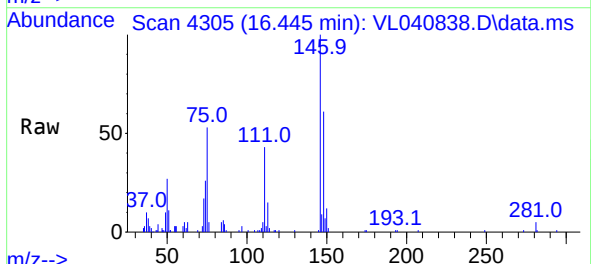
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

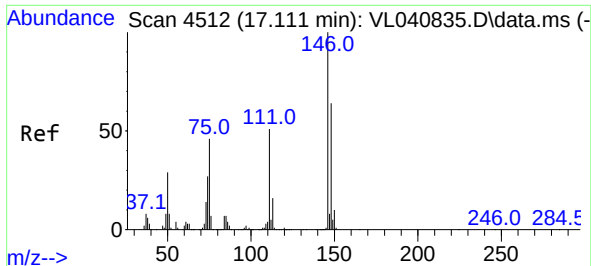
Tgt Ion:146 Resp: 53714
Ion Ratio Lower Upper
146 100
111 83.2 24.9 74.8#
148 107.3 32.1 96.5#



#76
1,4-Dichlorobenzene
Concen: 0.486 ppbv
RT: 16.445 min Scan# 4305
Delta R.T. -0.019 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion:146 Resp: 78621
Ion Ratio Lower Upper
146 100
111 55.3 24.1 72.4
148 71.2 32.3 96.9

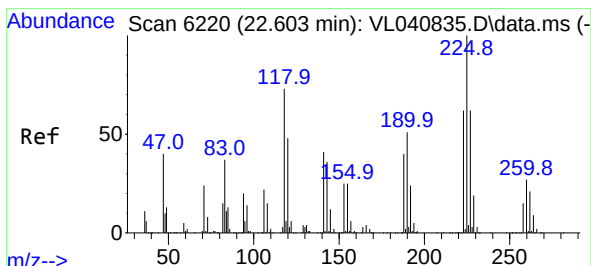
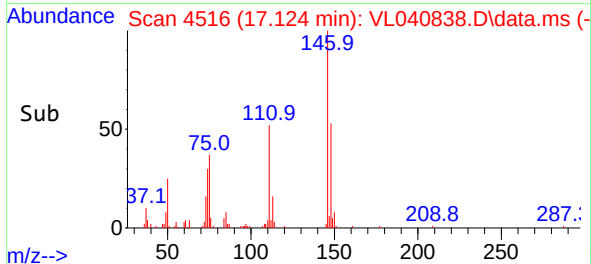
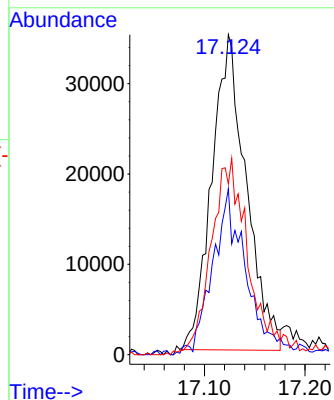
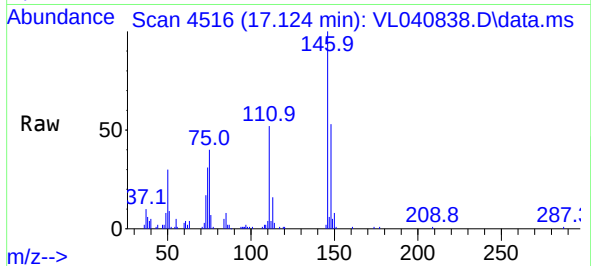




#77
1,2-Dichlorobenzene
Concen: 0.506 ppbv
RT: 17.124 min Scan# 4516
Delta R.T. -0.010 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

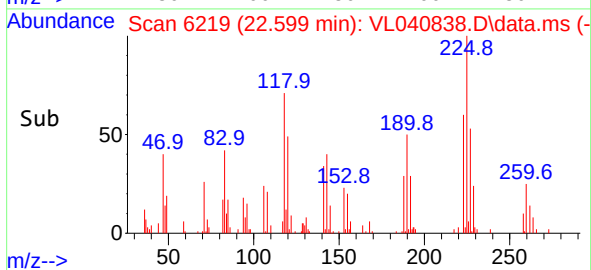
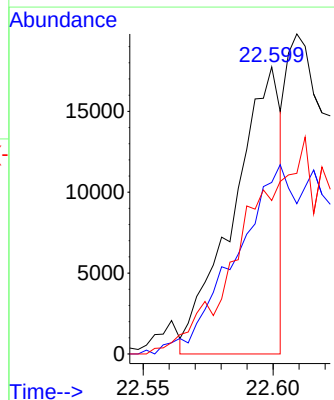
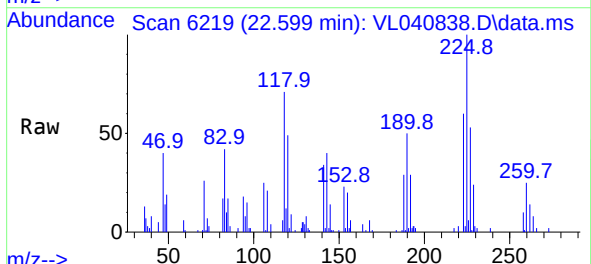
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

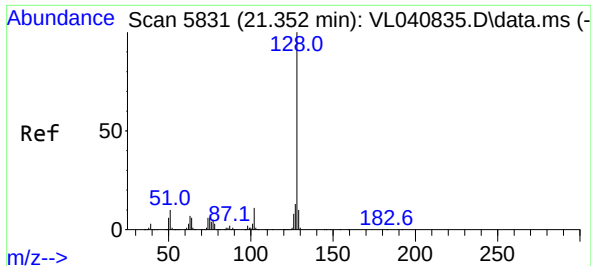
Tgt Ion:146 Resp: 83101
Ion Ratio Lower Upper
146 100
111 53.3 25.7 77.1
148 67.1 32.3 96.9



#78
Hexachloro-1,3-Butadiene
Concen: 0.219 ppbv
RT: 22.599 min Scan# 6219
Delta R.T. -0.026 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion:225 Resp: 22519
Ion Ratio Lower Upper
225 100
223 159.1 51.1 76.7#
227 0.0 50.8 76.2#

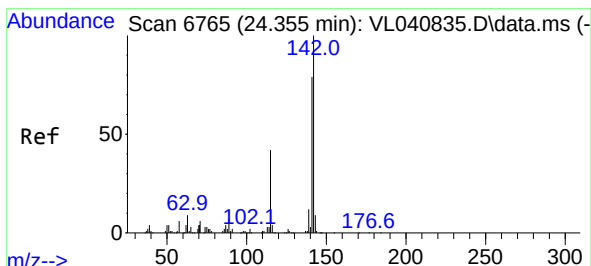
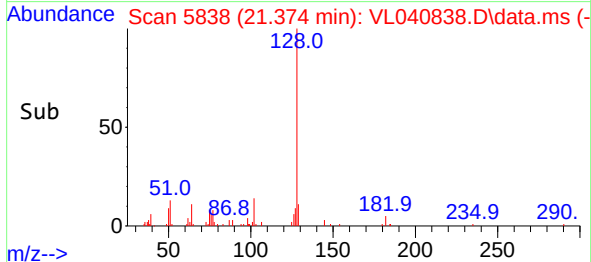
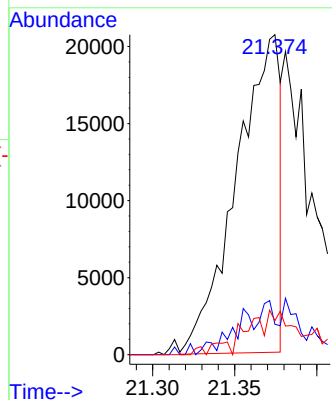
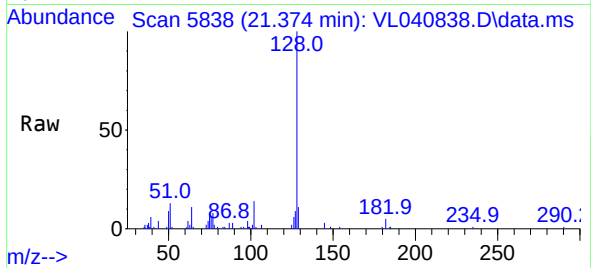




#79
Naphthalene
Concen: 0.242 ppbv
RT: 21.374 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:128 Resp: 38035
Ion Ratio Lower Upper
128 100
127 8.7 10.0 15.0#
129 10.7 8.3 12.5



#80
Naphthalene,2-methyl-
Concen: 0.065 ppbv
RT: 24.419 min Scan# 6785
Delta R.T. 0.045 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion:142 Resp: 1808
Ion Ratio Lower Upper
142 100
141 72.2 65.8 98.8
115 45.5 35.6 53.4

