

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111423\
 Data File : VL040844.D
 Acq On : 14 Nov 2023 9:54
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Quant Time: Nov 22 00:42:53 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	1068379	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.642	114	2890955	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.442	117	3410491	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.751	95	2166094	8.112	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	81.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.742	85	2114232	9.761	ppbv	100
3) Chlorodifluoromethane	2.687	51	1675084	9.820	ppbv	98
4) Chloromethane	2.825	50	592927	9.666	ppbv	99
5) Vinyl Chloride	2.931	62	620756	10.175	ppbv	99
6) Bromomethane	3.128	94	232061	9.965	ppbv	94
7) Chloroethane	3.205	64	216911	10.268	ppbv	99
8) Dichlorotetrafluoroethane	2.867	85	1534597	9.813	ppbv	99
9) Propene	2.706	41	555572	9.664	ppbv	98
10) Heptane	7.565	43	1415603	10.010	ppbv	99
11) Trichlorofluoromethane	3.565	101	1668257	10.024	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.066	101	1174770	9.937	ppbv	99
13) Ethanol	3.250	45	100981	9.046	ppbv #	100
14) Bromoethene	3.372	108	483023	10.158	ppbv	98
15) Acetone	3.472	43	1078804	9.481	ppbv	98
16) 1,3-Butadiene	2.996	39	613804	10.663	ppbv	99
17) tert-Butyl alcohol	3.880	59	1096381	11.267	ppbv	100
18) 1,1-Dichloroethene	3.883	96	506691	9.616	ppbv	98
19) Isopropyl Alcohol	3.581	45	754963	11.025	ppbv	99
20) Methylene Chloride	3.935	84	423846	9.026	ppbv	95
21) Allyl Chloride	3.999	41	759840	10.435	ppbv	100
22) trans-1,2-Dichloroethene	4.443	96	567578	9.491	ppbv	95
23) Vinyl Acetate	4.623	43	1363064	9.277	ppbv	99
24) 1,1-Dichloroethane	4.562	63	1131879	8.643	ppbv	98
25) Ethyl Acetate	5.198	43	2304183	9.780	ppbv	99
26) Hexane	5.205	57	988460	9.479	ppbv	99
27) Carbon Disulfide	4.124	76	1360493	10.289	ppbv	99
28) Methyl tert-Butyl Ether	4.584	73	831774	8.820	ppbv	99
29) Chloroform	5.269	83	1685690	9.538	ppbv	93
30) Cyclohexane	6.590	84	906278	10.103	ppbv	99
31) cis-1,2-Dichloroethene	5.073	61	856764	8.303	ppbv	97
32) 1,1,1-Trichloroethane	5.996	97	1744534	10.580	ppbv	99
34) 2-Butanone	4.780	43	1257109	8.536	ppbv	100
35) Carbon Tetrachloride	6.481	117	1847609	10.417	ppbv	98
36) Benzene	6.359	78	2220700	9.465	ppbv	98
37) 1,2-Dichloroethane	5.799	62	1349078	9.749	ppbv	100
38) Trichloroethene	7.275	130	853928	9.363	ppbv	99
39) 1,2-Dichloropropane	7.060	63	881421	9.475	ppbv	98
40) 1,4-Dioxane	7.269	88	369336	10.006	ppbv #	93
41) Tetrahydrofuran	5.545	42	890715	9.823	ppbv	98
42) Bromodichloromethane	7.237	83	1980032	9.998	ppbv	100
43) Methyl Methacrylate	7.462	69	932572	10.430	ppbv	99
44) 2,2,4-Trimethylpentane	7.311	57	3706989	9.511	ppbv	100
45) t-1,3-Dichloropropene	8.693	75	600259	11.424	ppbv	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111423\
 Data File : VL040844.D
 Acq On : 14 Nov 2023 9:54
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

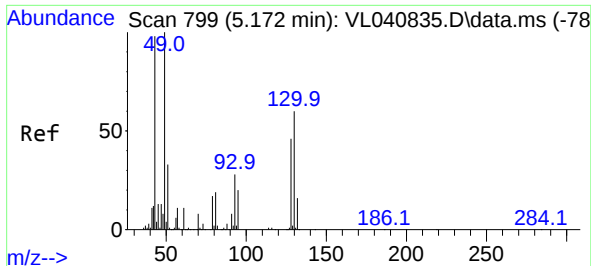
Quant Time: Nov 22 00:42:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Nov 20 03:50:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.124	75	742569	10.900	ppbv	96
47) 1,1,2-Trichloroethane	8.880	97	928061	9.520	ppbv	98
48) Dibromochloromethane	9.690	129	1651841	10.212	ppbv	99
49) Bromoform	12.388	173	1298903	10.676	ppbv	99
50) 4-Methyl-2-Pentanone	8.166	43	2338974	10.262	ppbv	100
51) 2-Hexanone	9.529	43	1707390	10.627	ppbv	99
52) Tetrachloroethene	10.594	164	766677	9.703	ppbv	97
53) Toluene	9.201	91	2541922	9.845	ppbv	99
54) 1,2-Dibromoethane	9.989	107	1286875	10.258	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.491	131	1162072	7.961	ppbv	97
57) Chlorobenzene	11.507	112	1951762	7.721	ppbv	99
58) Ethyl Benzene	12.069	91	3448610	7.750	ppbv	99
59) m/p-Xylene	12.349	91	2814985	7.429	ppbv #	27
60) o-Xylene	13.037	91	2758328	7.646	ppbv	99
61) Styrene	12.876	104	1439348	8.274	ppbv	100
62) Isopropylbenzene	14.008	105	4049367	7.598	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.024	83	1988472	7.777	ppbv	99
64) n-propylbenzene	14.896	120	1052833	7.882	ppbv	98
65) tert-Butylbenzene	16.066	119	3506244	7.803	ppbv	100
66) Benzyl Chloride	16.304	91	132292	7.989	ppbv #	93
67) sec-Butylbenzene	16.613	105	4931207	7.682	ppbv	100
69) p-Isopropyltoluene	16.969	119	3976654	7.769	ppbv	100
70) n-Butylbenzene	17.860	91	4175512	7.725	ppbv	100
71) 2-Chlorotoluene	14.777	91	3151655	7.758	ppbv	99
72) 4-Ethyltoluene	15.169	105	3174092	8.004	ppbv	99
73) 1,3,5-Trimethylbenzene	15.326	105	2731673	7.789	ppbv	100
74) 1,2,4-Trimethylbenzene	16.085	105	2971711	7.593	ppbv	96
75) 1,3-Dichlorobenzene	16.307	146	1700536	7.869	ppbv	99
76) 1,4-Dichlorobenzene	16.452	146	1646146	7.956	ppbv	99
77) 1,2-Dichlorobenzene	17.121	146	1617964	7.700	ppbv	99
78) Hexachloro-1,3-Butadiene	22.606	225	909073	6.910	ppbv	99
79) Naphthalene	21.362	128	2070689	10.294	ppbv	98
80) Naphthalene,2-methyl-	24.355	142	469142	13.212	ppbv	94
81) 1,2,4-Trichlorobenzene	21.117	180	1044598	8.542	ppbv	99

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

Quant Time: Nov 22 00:42:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Mon Nov 20 03:50:24 2023
Response via : Initial Calibration

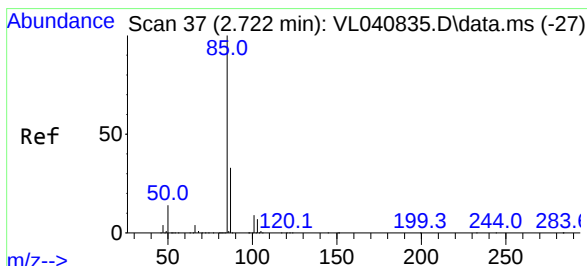
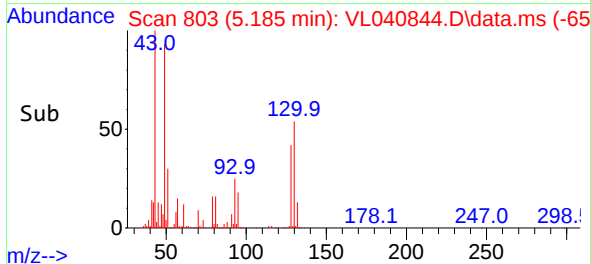
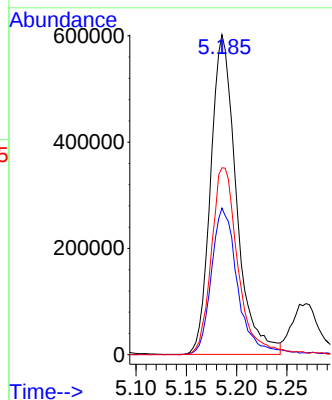
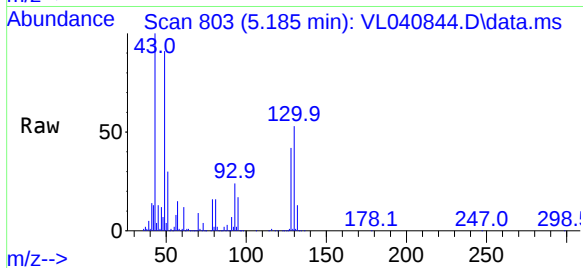




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. -0.026 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

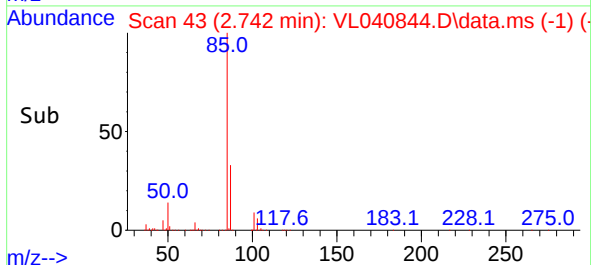
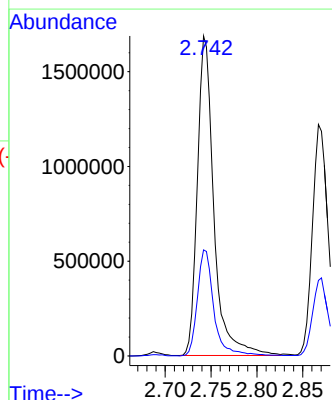
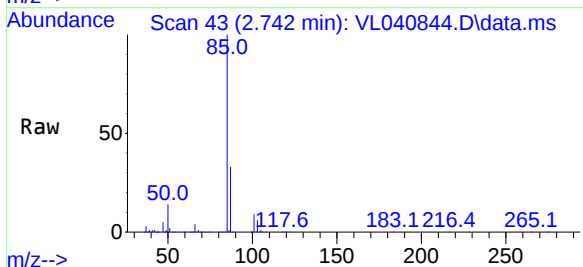
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

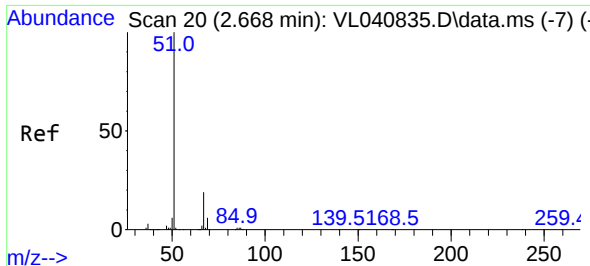
Tgt Ion: 49 Resp: 1068379
Ion Ratio Lower Upper
49 100
128 47.6 23.8 71.2
130 61.3 30.9 92.8



#2
Dichlorodifluoromethane
Concen: 9.761 ppbv
RT: 2.742 min Scan# 43
Delta R.T. -0.032 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Tgt Ion: 85 Resp: 2114232
Ion Ratio Lower Upper
85 100
87 33.2 26.7 40.1

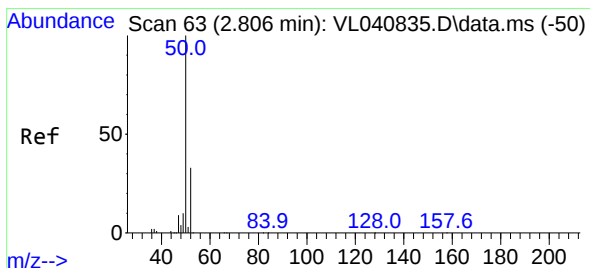
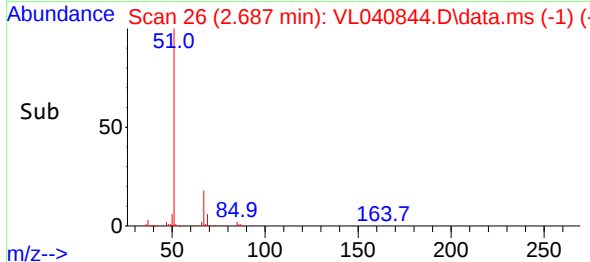
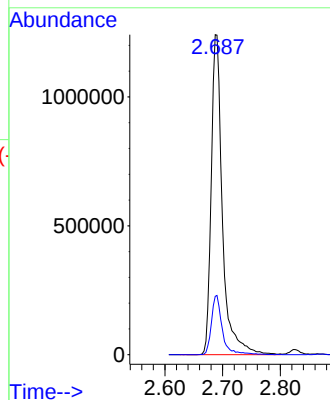
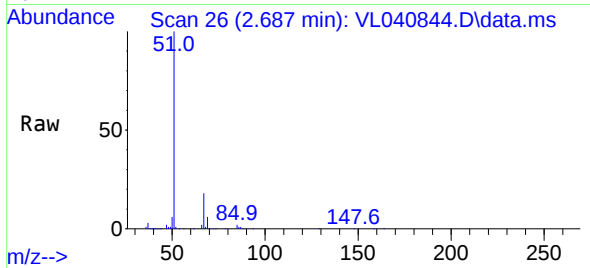




#3
Chlorodifluoromethane
Concen: 9.820 ppbv
RT: 2.687 min Scan# 20
Delta R.T. -0.032 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

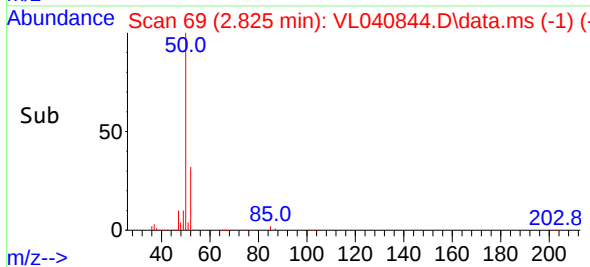
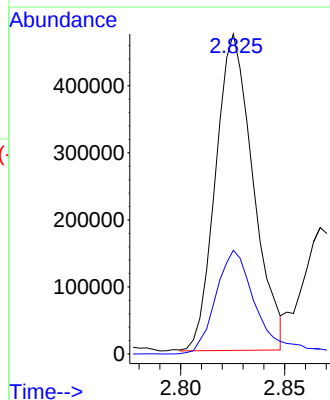
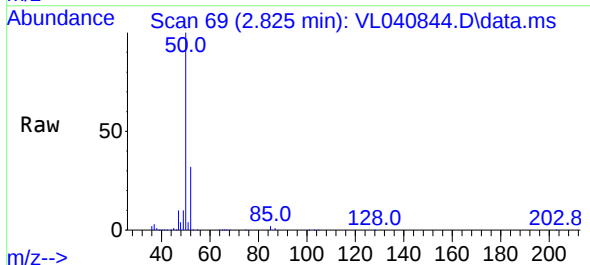
Instrument :
MSVOA_L
ClientSampleId :
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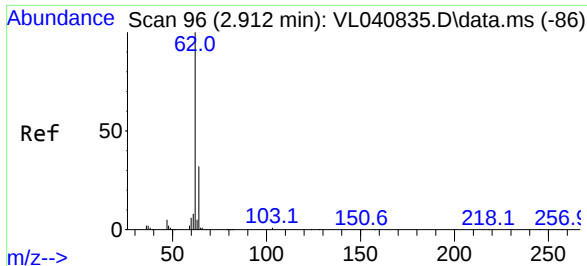
Tgt Ion: 51 Resp: 1675084
Ion Ratio Lower Upper
51 100
67 18.0 15.0 22.4



#4
Chloromethane
Concen: 9.666 ppbv
RT: 2.825 min Scan# 69
Delta R.T. -0.029 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Tgt Ion: 50 Resp: 592927
Ion Ratio Lower Upper
50 100
52 32.7 26.5 39.7

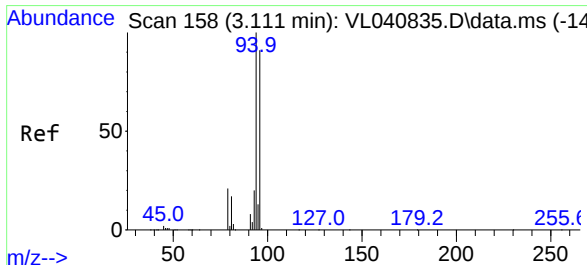
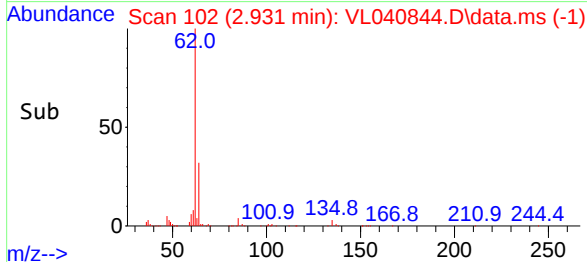
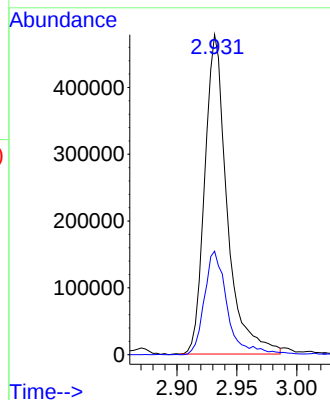
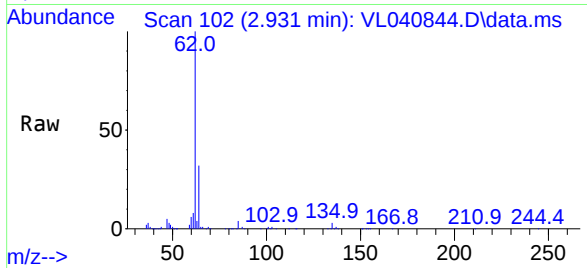




#5
 Vinyl Chloride
 Concen: 10.175 ppbv
 RT: 2.931 min Scan# 10
 Delta R.T. -0.029 min
 Lab File: VL040844.D
 Acq: 14 Nov 2023 9:54

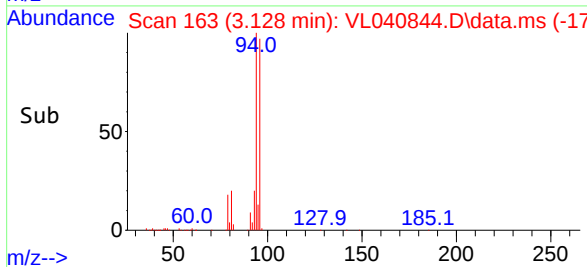
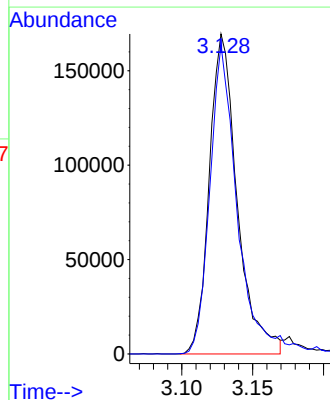
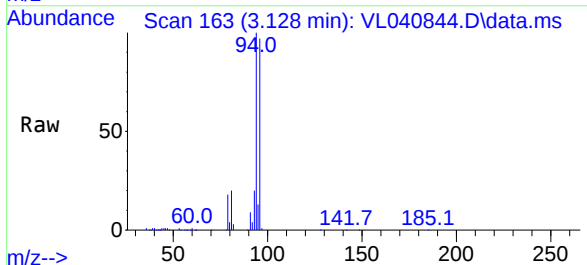
Instrument :
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 ClientSampleId :
 VSTDCCC010

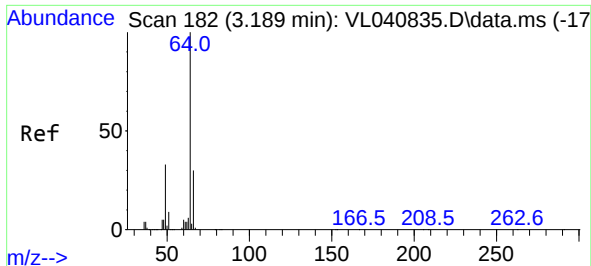
Tgt Ion: 62 Resp: 620756
 Ion Ratio Lower Upper
 62 100
 64 32.4 25.4 38.2



#6
 Bromomethane
 Concen: 9.965 ppbv
 RT: 3.128 min Scan# 163
 Delta R.T. -0.029 min
 Lab File: VL040844.D
 Acq: 14 Nov 2023 9:54

Tgt Ion: 94 Resp: 232061
 Ion Ratio Lower Upper
 94 100
 96 96.5 73.0 109.4

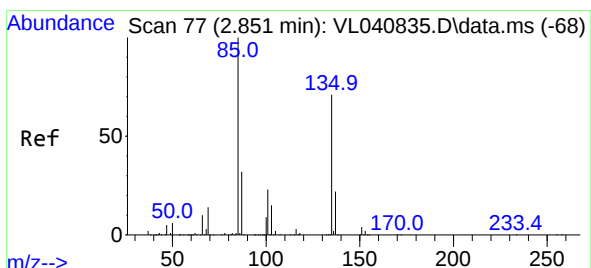
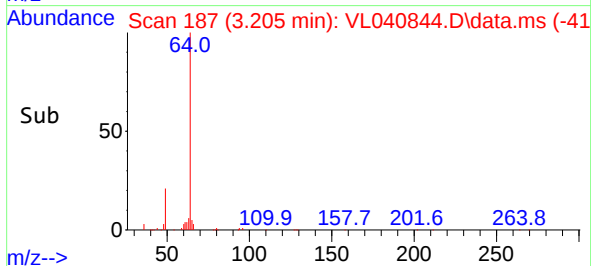
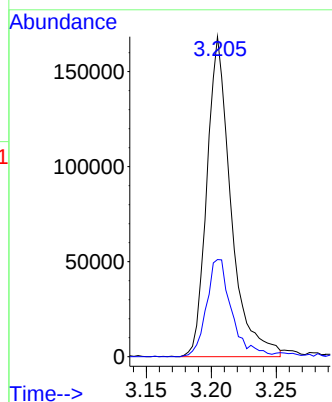
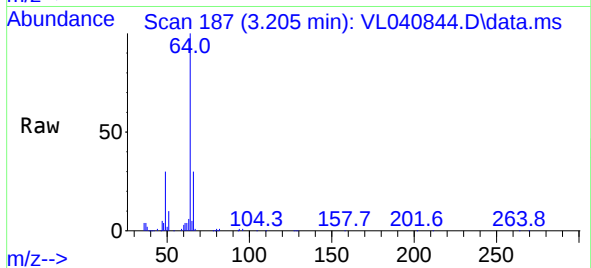




#7
Chloroethane
Concen: 10.268 ppbv
RT: 3.205 min Scan# 11
Delta R.T. -0.029 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

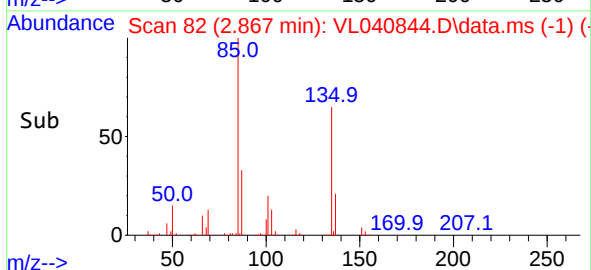
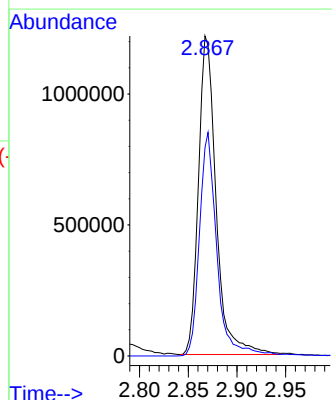
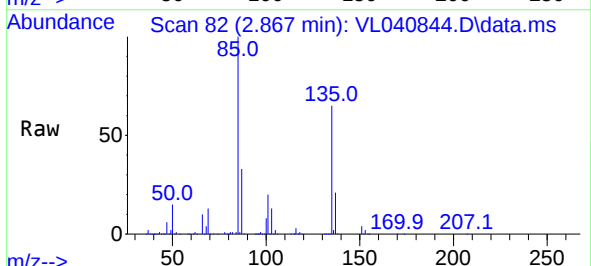
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 216911
Ion Ratio Lower Upper
64 100
66 30.3 23.8 35.6

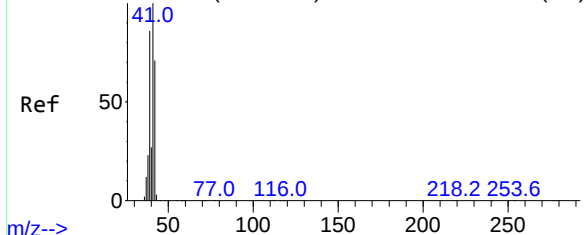


#8
Dichlorotetrafluoroethane
Concen: 9.813 ppbv
RT: 2.867 min Scan# 82
Delta R.T. -0.032 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Tgt Ion: 85 Resp: 1534597
Ion Ratio Lower Upper
85 100
135 69.8 55.3 82.9



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



#9

Propene

Concen: 9.664 ppbv

RT: 2.706 min Scan# 31

Delta R.T. -0.032 min

Lab File: VL040844.D

Acq: 14 Nov 2023 9:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

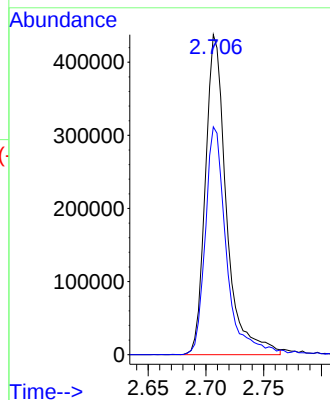
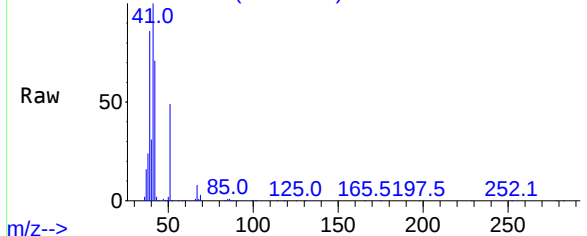
Tgt Ion: 41 Resp: 555572

Ion Ratio Lower Upper

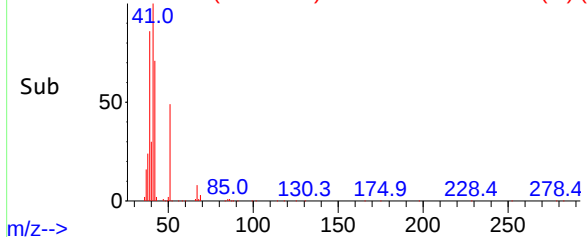
41 100

42 72.6 56.5 84.7

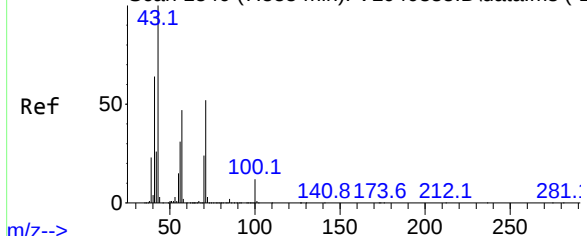
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Abundance Scan 32 (2.706 min): VL040844.D\data.ms (-1)



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



#10

Heptane

Concen: 10.010 ppbv

RT: 7.565 min Scan# 1543

Delta R.T. -0.023 min

Lab File: VL040844.D

Acq: 14 Nov 2023 9:54

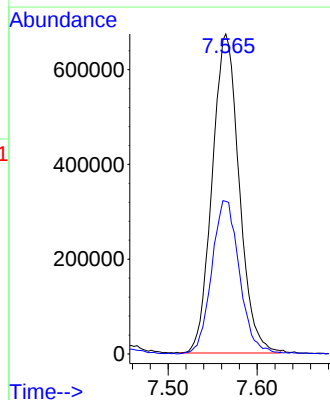
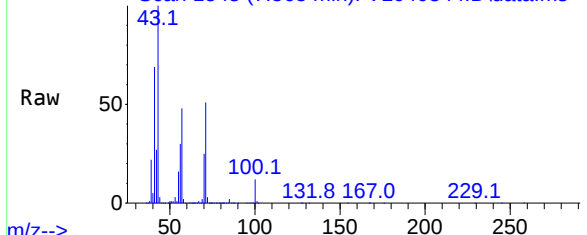
Tgt Ion: 43 Resp: 1415603

Ion Ratio Lower Upper

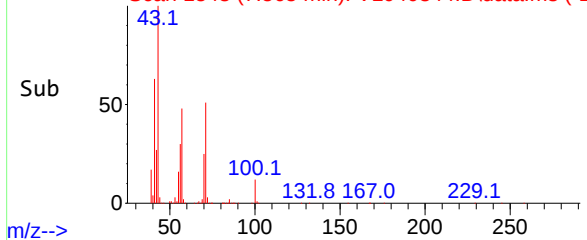
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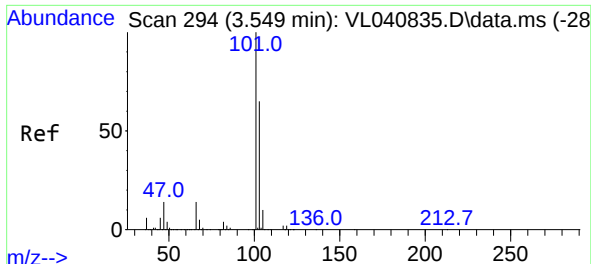
57 49.6 39.4 59.0

Abundance Scan 1543 (7.565 min): VL040844.D\data.ms



Abundance Scan 1543 (7.565 min): VL040844.D\data.ms (-1)

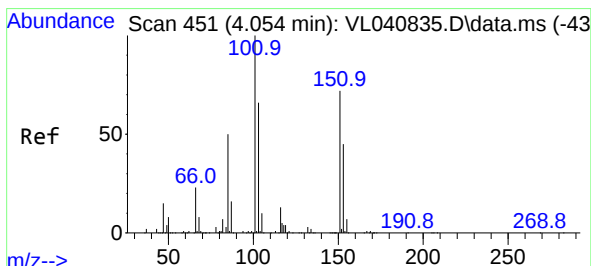
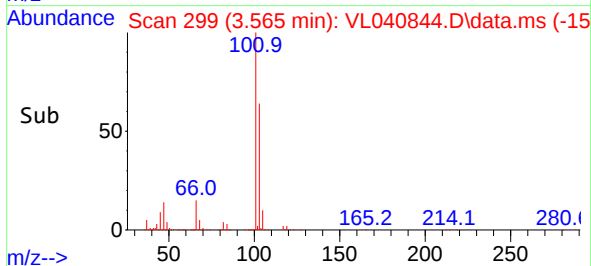
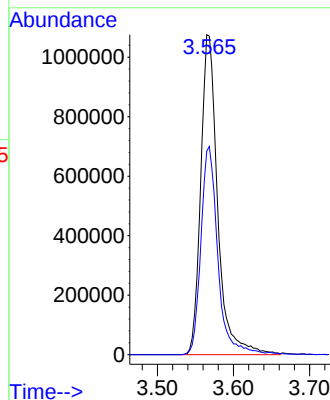
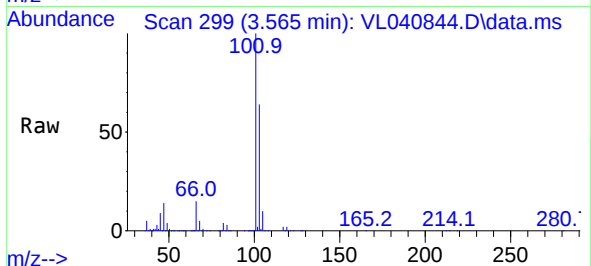




#11
 Trichlorofluoromethane
 Concen: 10.024 ppbv
 RT: 3.565 min Scan# 294
 Delta R.T. -0.029 min
 Lab File: VL040844.D
 Acq: 14 Nov 2023 9:54

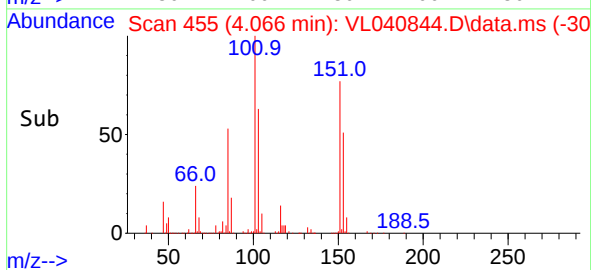
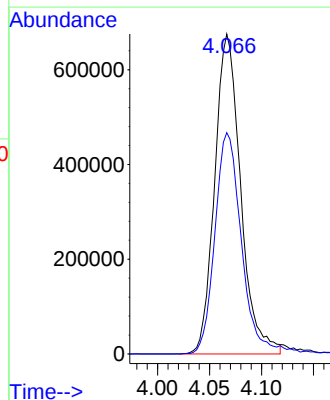
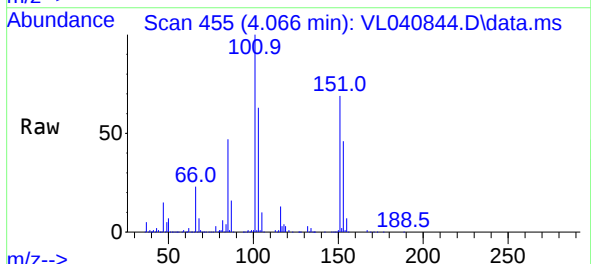
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

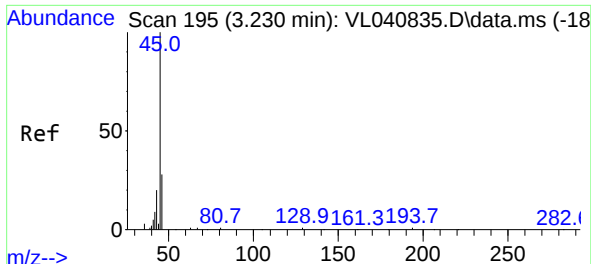
Tgt Ion:101 Resp: 1668257
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.8 77.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.937 ppbv
 RT: 4.066 min Scan# 455
 Delta R.T. -0.029 min
 Lab File: VL040844.D
 Acq: 14 Nov 2023 9:54

Tgt Ion:101 Resp: 1174770
 Ion Ratio Lower Upper
 101 100
 151 71.7 57.8 86.6





#13

Ethanol

Concen: 9.046 ppbv

RT: 3.250 min Scan# 201

Delta R.T. -0.029 min

Lab File: VL040844.D

Acq: 14 Nov 2023 9:54

Instrument :

MSVOA_L

ClientSampleId :

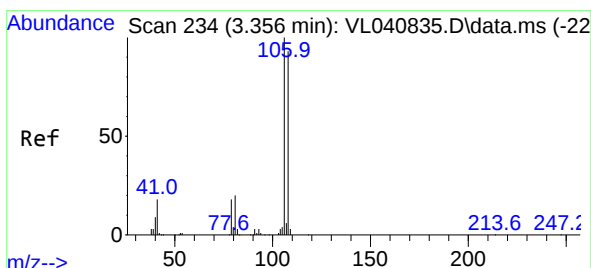
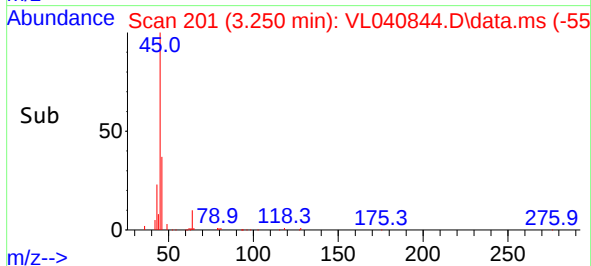
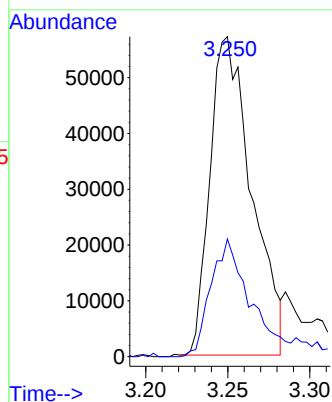
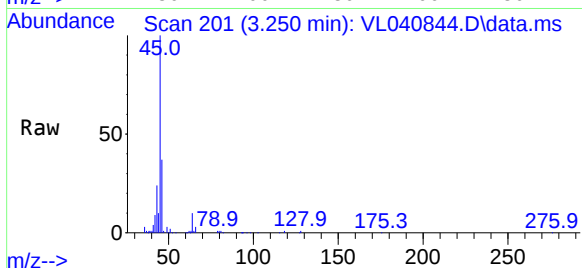
VSTDCCC010

Tgt Ion: 45 Resp: 100981

Ion Ratio Lower Upper

45 100

46 39.3 0.0 0.0#



#14

Bromoethene

Concen: 10.158 ppbv

RT: 3.372 min Scan# 239

Delta R.T. -0.029 min

Lab File: VL040844.D

Acq: 14 Nov 2023 9:54

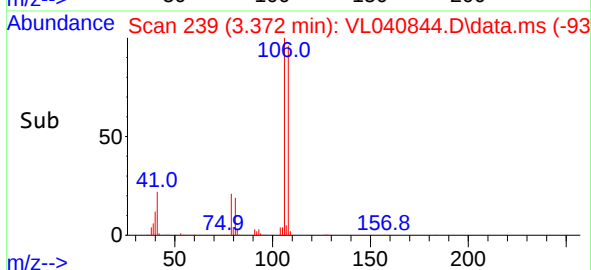
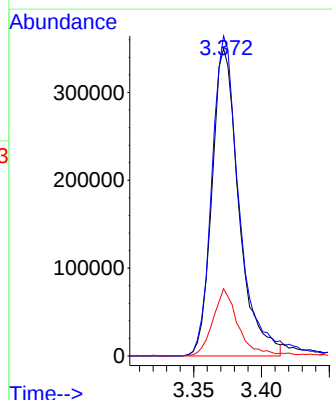
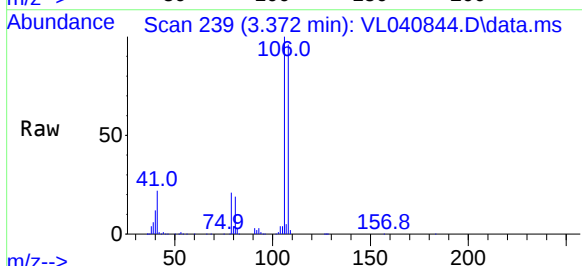
Tgt Ion: 108 Resp: 483023

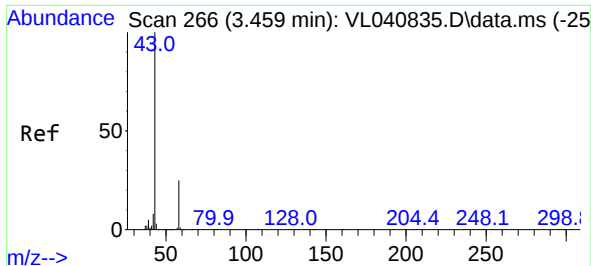
Ion Ratio Lower Upper

108 100

106 109.5 85.4 128.2

79 21.3 16.7 25.1

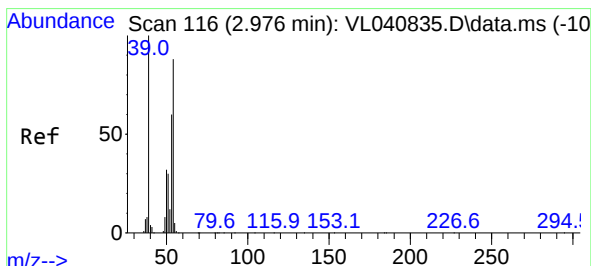
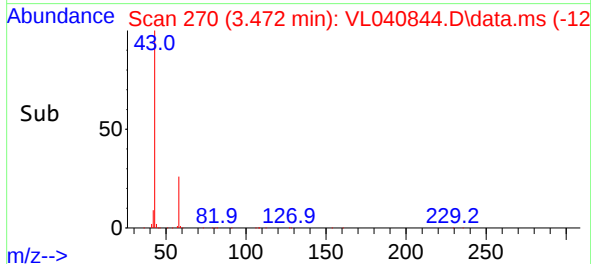
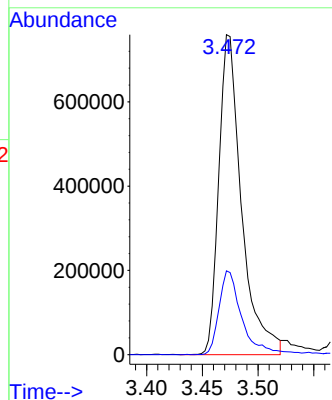
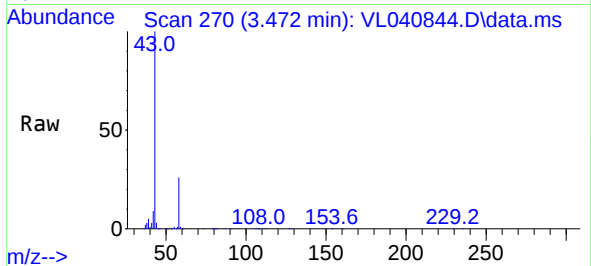




#15
Acetone
Concen: 9.481 ppbv
RT: 3.472 min Scan# 21
Delta R.T. -0.029 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

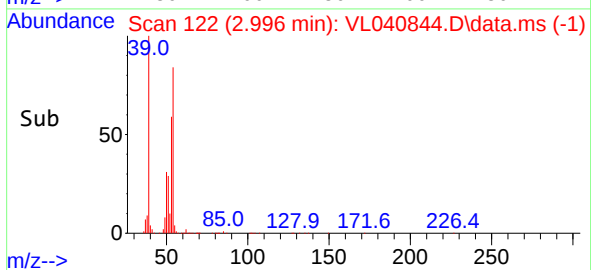
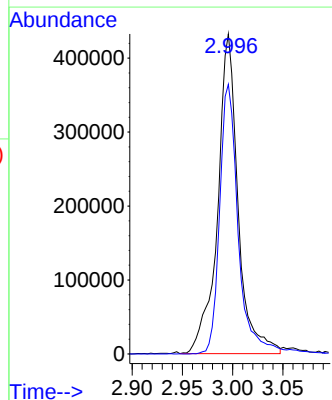
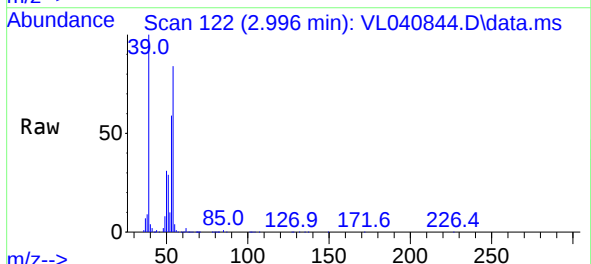
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

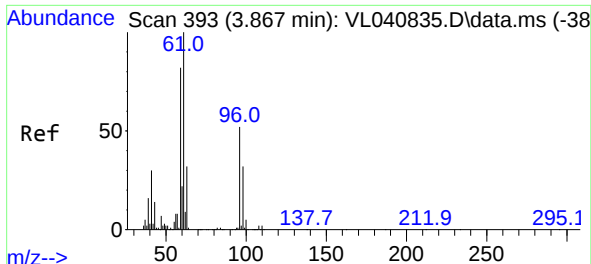
Tgt Ion: 43 Resp: 1078804
Ion Ratio Lower Upper
43 100
58 26.9 20.9 31.3



#16
1,3-Butadiene
Concen: 10.663 ppbv
RT: 2.996 min Scan# 122
Delta R.T. -0.029 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Tgt Ion: 39 Resp: 613804
Ion Ratio Lower Upper
39 100
54 77.7 61.8 92.6

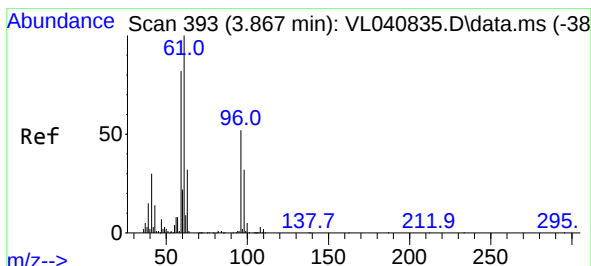
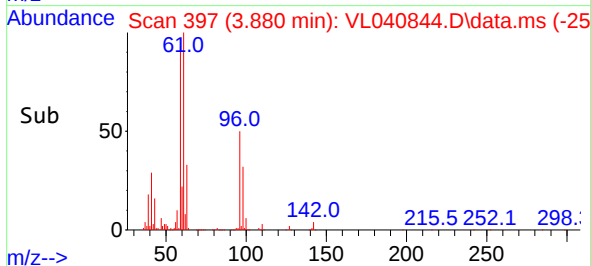
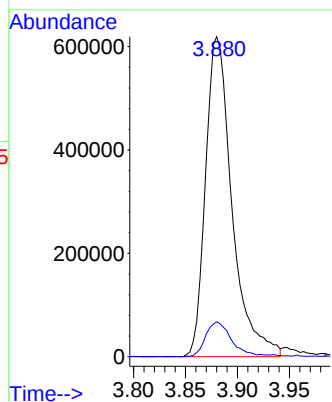
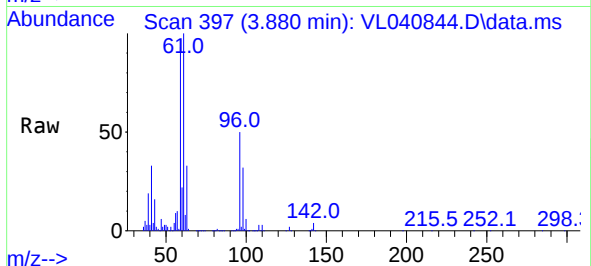




#17
tert-Butyl alcohol
Concen: 11.267 ppbv
RT: 3.880 min Scan# 397
Delta R.T. -0.029 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

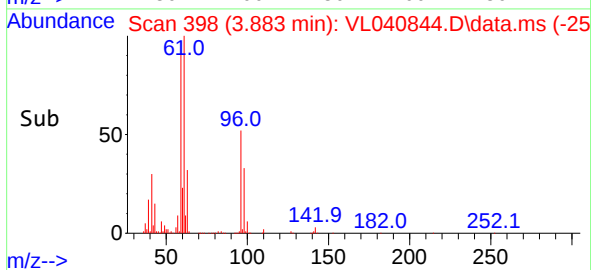
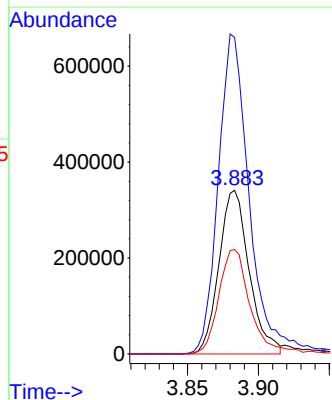
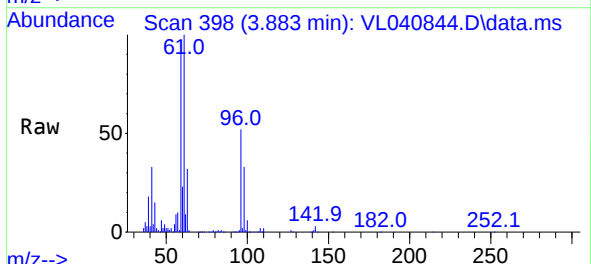
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

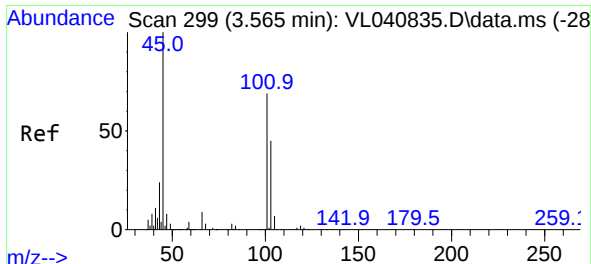
Tgt Ion: 59 Resp: 1096381
Ion Ratio Lower Upper
59 100
57 11.2 9.0 13.4



#18
1,1-Dichloroethene
Concen: 9.616 ppbv
RT: 3.883 min Scan# 398
Delta R.T. -0.029 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Tgt Ion: 96 Resp: 506691
Ion Ratio Lower Upper
96 100
61 193.4 152.6 228.8
98 63.8 49.2 73.8

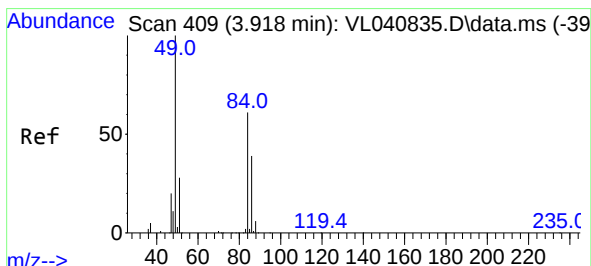
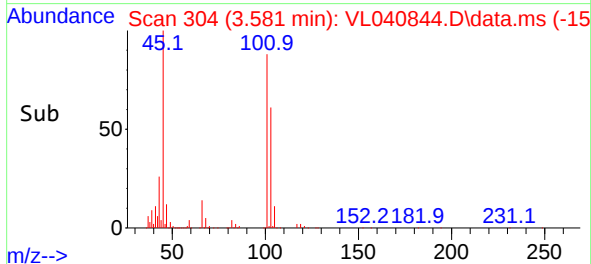
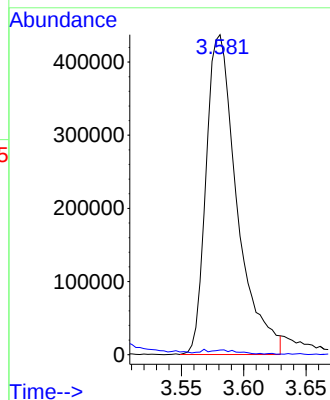
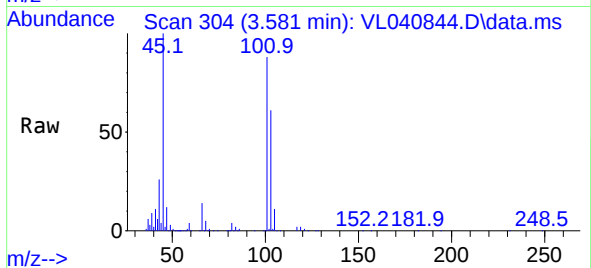




#19
Isopropyl Alcohol
Concen: 11.025 ppbv
RT: 3.581 min Scan# 304
Delta R.T. -0.029 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

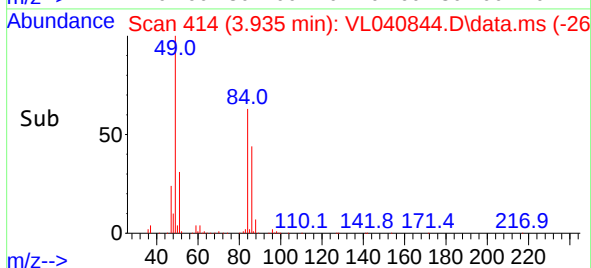
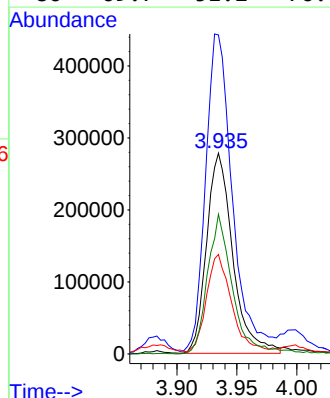
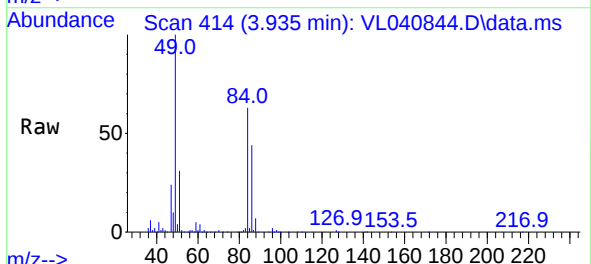
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

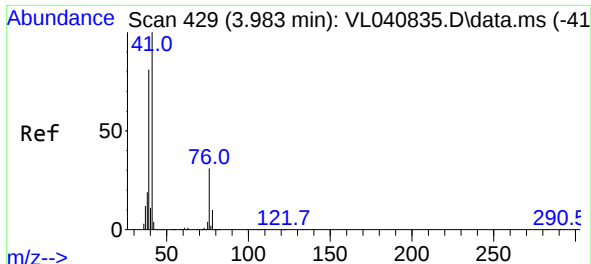
Tgt Ion: 45 Resp: 754963
Ion Ratio Lower Upper
45 100
58 1.6 1.6 2.4



#20
Methylene Chloride
Concen: 9.026 ppbv
RT: 3.935 min Scan# 414
Delta R.T. -0.029 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Tgt Ion: 84 Resp: 423846
Ion Ratio Lower Upper
84 100
49 158.1 131.0 196.4
51 47.7 36.9 55.3
86 69.7 51.2 76.8





#21

Allyl Chloride

Concen: 10.435 ppbv

RT: 3.999 min Scan# 41

Delta R.T. -0.026 min

Lab File: VL040844.D

Acq: 14 Nov 2023 9:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

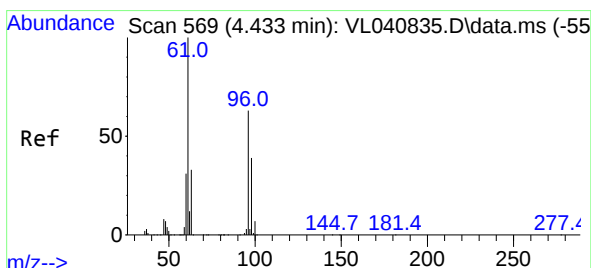
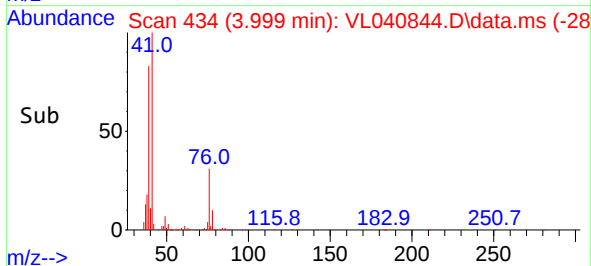
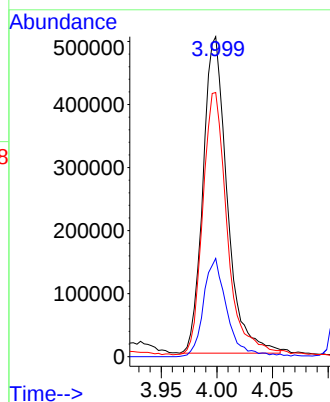
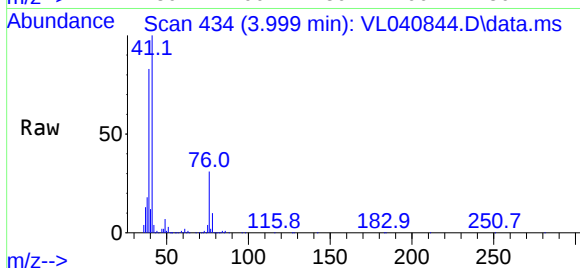
Tgt Ion: 41 Resp: 759840

Ion Ratio Lower Upper

41 100

76 30.3 24.4 36.6

39 85.5 68.1 102.1



#22

trans-1,2-Dichloroethene

Concen: 9.491 ppbv

RT: 4.443 min Scan# 572

Delta R.T. -0.026 min

Lab File: VL040844.D

Acq: 14 Nov 2023 9:54

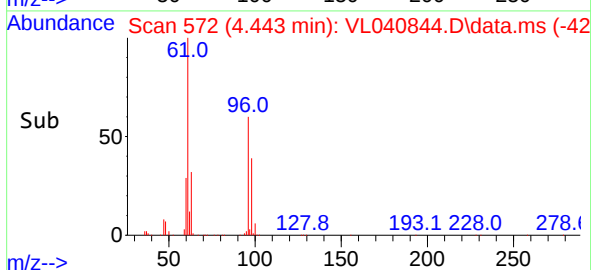
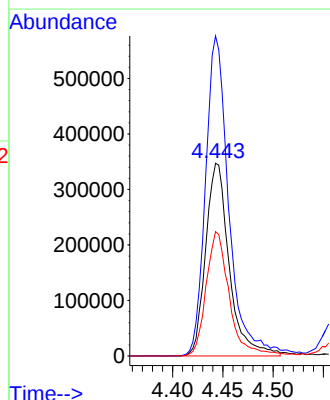
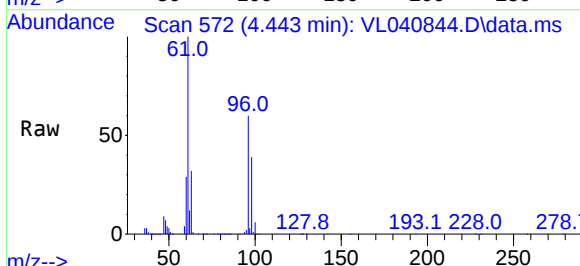
Tgt Ion: 96 Resp: 567578

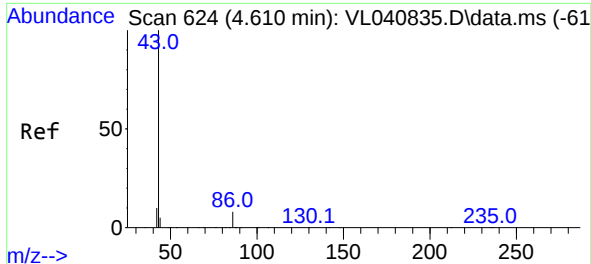
Ion Ratio Lower Upper

96 100

61 165.9 126.8 190.2

98 64.5 49.9 74.9



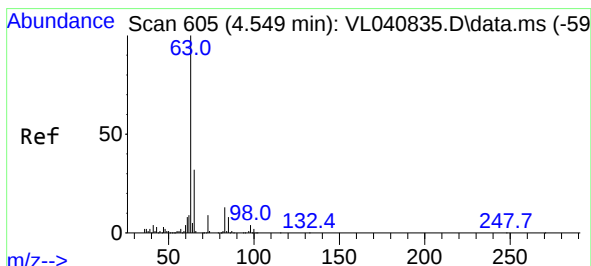
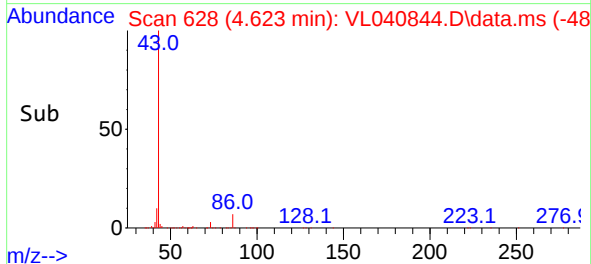
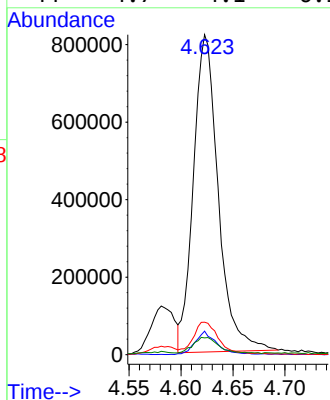
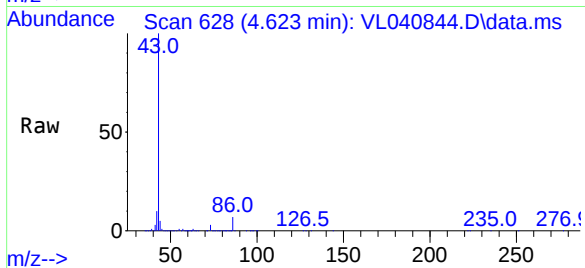


#23
Vinyl Acetate
Concen: 9.277 ppbv
RT: 4.623 min Scan# 61
Delta R.T. -0.026 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1363064

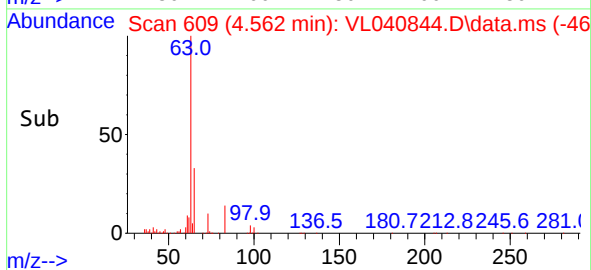
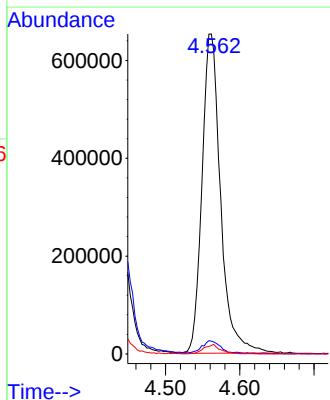
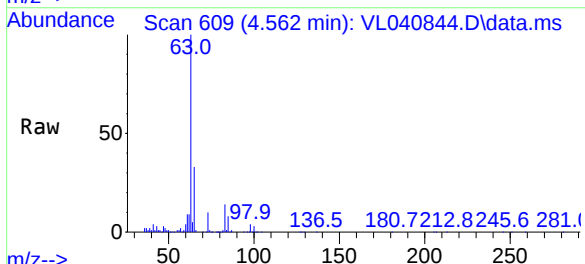
Ion	Ratio	Lower	Upper
43	100		
86	7.3	5.5	8.3
42	10.0	8.2	12.2
44	4.7	4.1	6.1

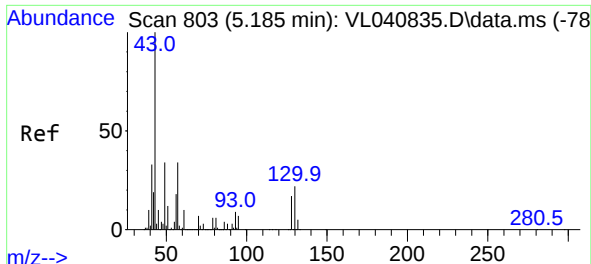


#24
1,1-Dichloroethane
Concen: 8.643 ppbv
RT: 4.562 min Scan# 609
Delta R.T. -0.026 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Tgt Ion: 63 Resp: 1131879

Ion	Ratio	Lower	Upper
63	100		
98	3.8	2.2	6.6
100	2.6	1.0	3.0



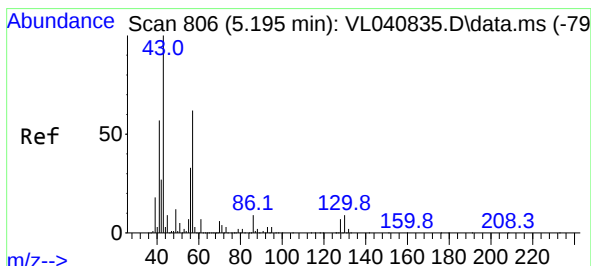
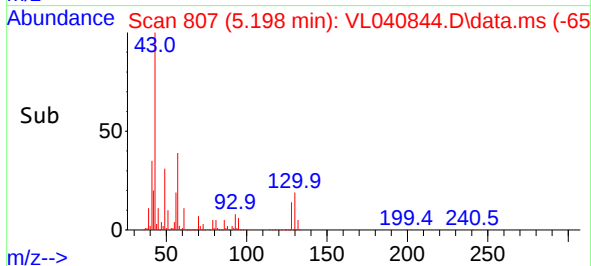
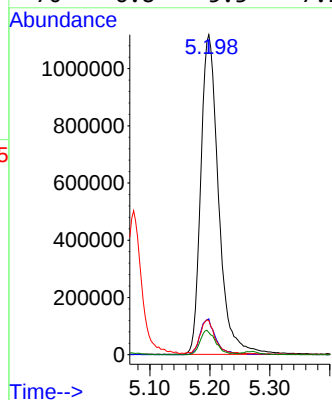
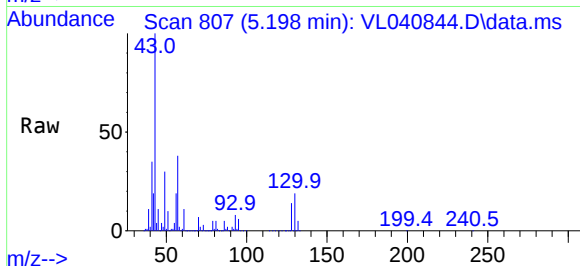


#25
Ethyl Acetate
Concen: 9.780 ppbv
RT: 5.198 min Scan# 807
Delta R.T. -0.023 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2304183

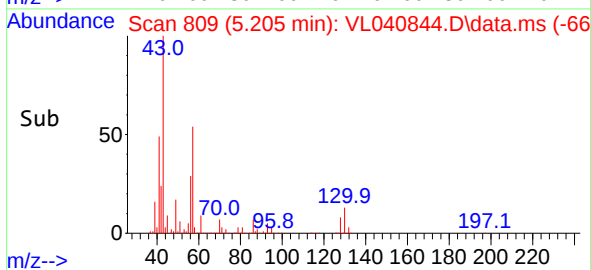
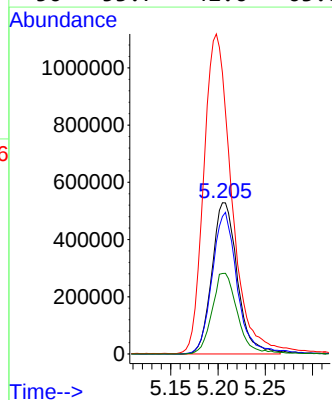
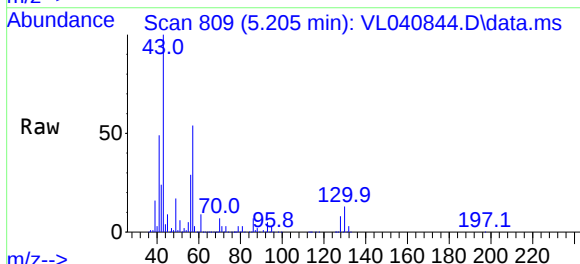
Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.1	12.1
61	10.2	7.8	11.6
70	6.8	5.3	7.9

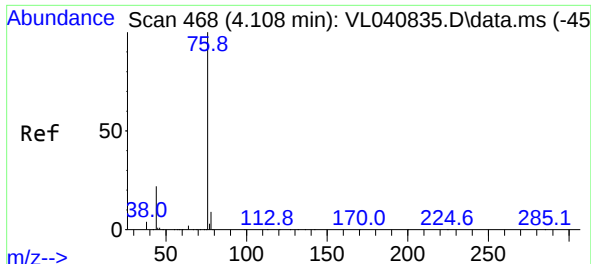


#26
Hexane
Concen: 9.479 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.026 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Tgt Ion: 57 Resp: 988460

Ion	Ratio	Lower	Upper
57	100		
41	93.9	75.4	113.0
43	233.9	185.9	278.9
56	53.7	42.6	63.8

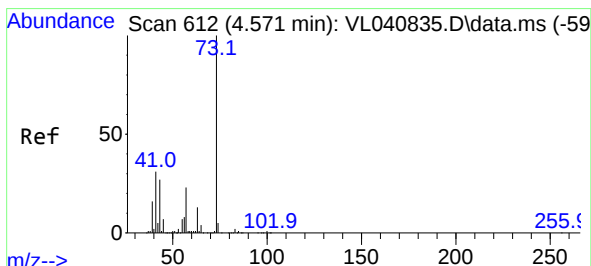
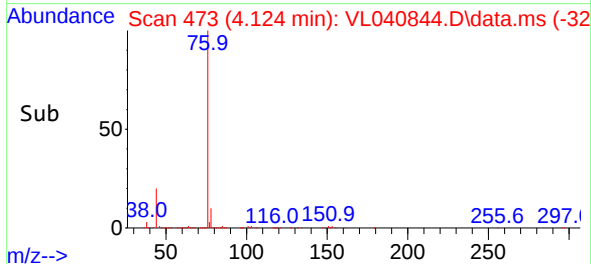
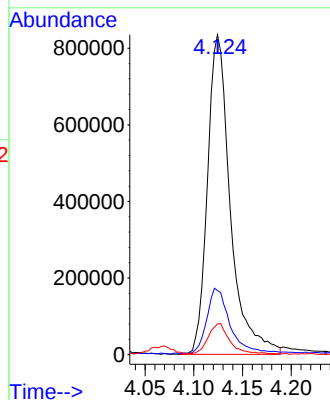
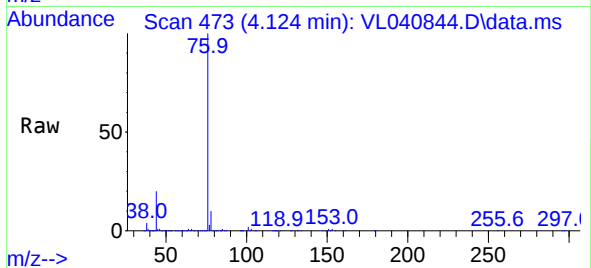




#27
Carbon Disulfide
Concen: 10.289 ppbv
RT: 4.124 min Scan# 41
Delta R.T. -0.029 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

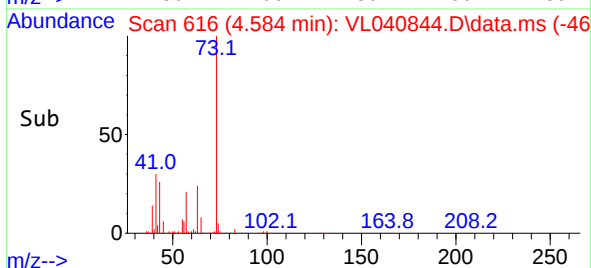
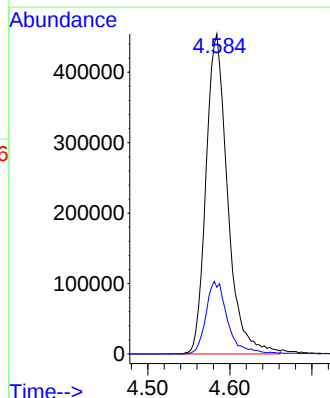
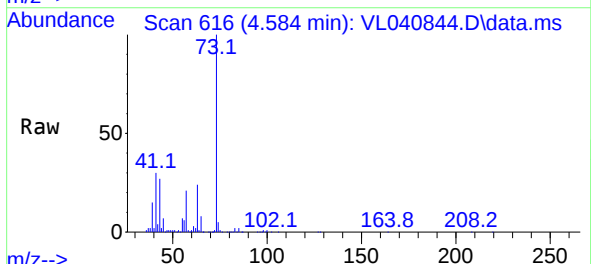
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

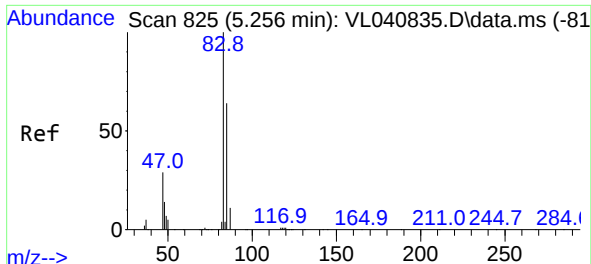
Tgt Ion: 76 Resp: 1360493
Ion Ratio Lower Upper
76 100
44 21.3 16.7 25.1
78 9.4 7.6 11.4



#28
Methyl tert-Butyl Ether
Concen: 8.820 ppbv
RT: 4.584 min Scan# 616
Delta R.T. -0.026 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Tgt Ion: 73 Resp: 831774
Ion Ratio Lower Upper
73 100
57 22.8 18.0 27.0





#29

Chloroform

Concen: 9.538 ppbv

RT: 5.269 min Scan# 81

Delta R.T. -0.026 min

Lab File: VL040844.D

Acq: 14 Nov 2023 9:54

Instrument :

MSVOA_L

ClientSampleId :

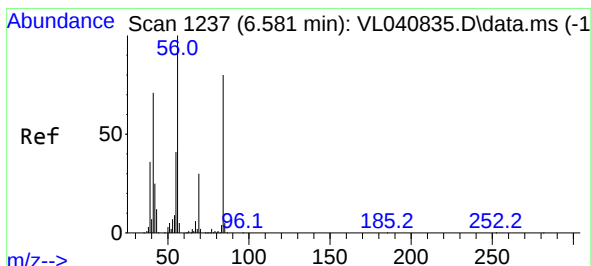
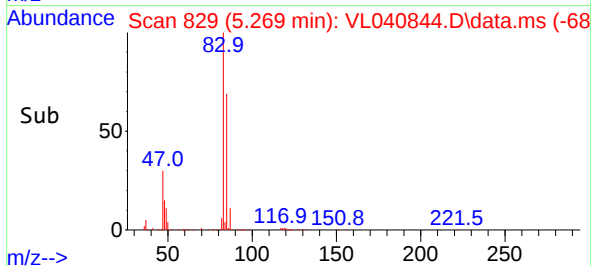
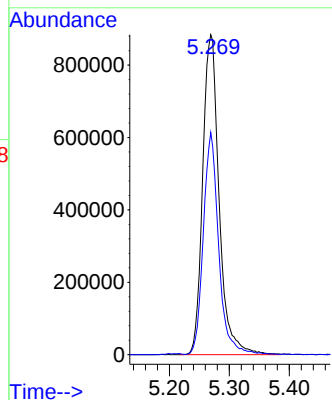
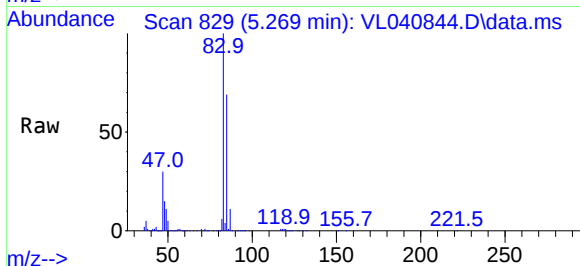
VSTDCCC010

Tgt Ion: 83 Resp: 1685690

Ion Ratio Lower Upper

83 100

85 69.3 51.4 77.0



#30

Cyclohexane

Concen: 10.103 ppbv

RT: 6.590 min Scan# 1240

Delta R.T. -0.023 min

Lab File: VL040844.D

Acq: 14 Nov 2023 9:54

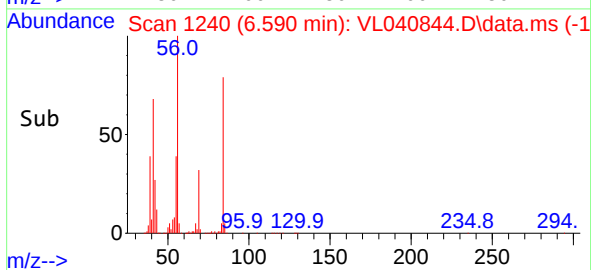
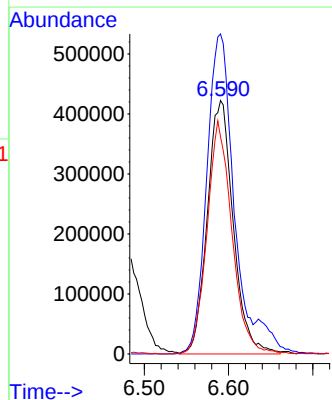
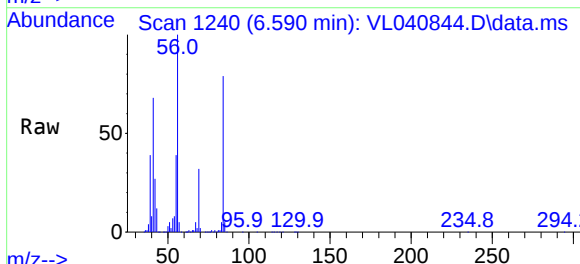
Tgt Ion: 84 Resp: 906278

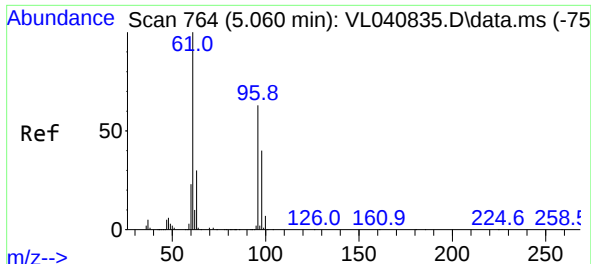
Ion Ratio Lower Upper

84 100

56 136.3 109.3 163.9

41 88.2 71.4 107.2

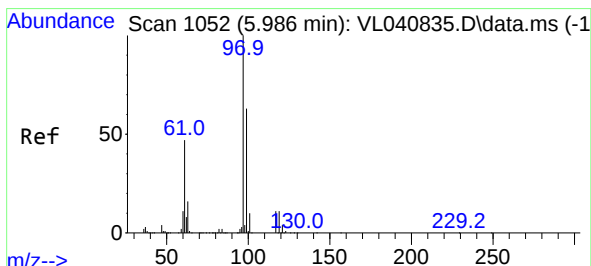
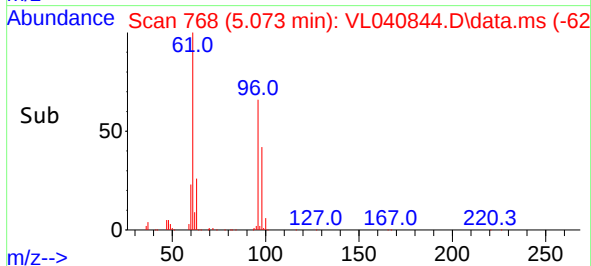
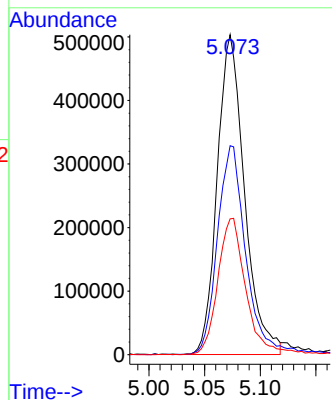
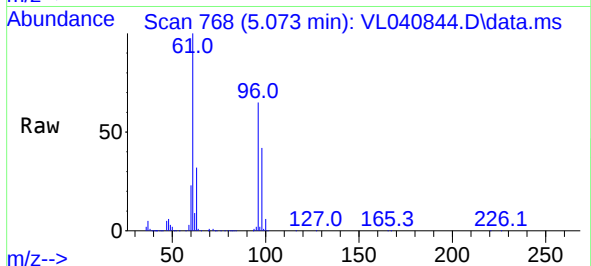




#31
cis-1,2-Dichloroethene
Concen: 8.303 ppbv
RT: 5.073 min Scan# 768
Delta R.T. -0.026 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

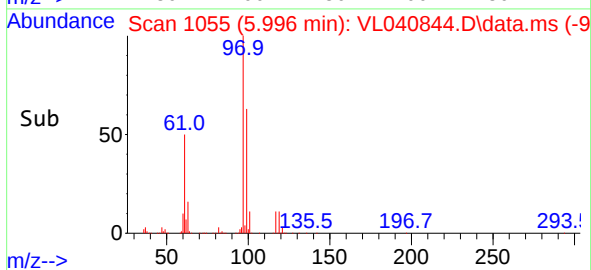
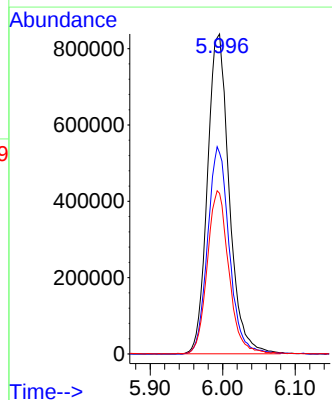
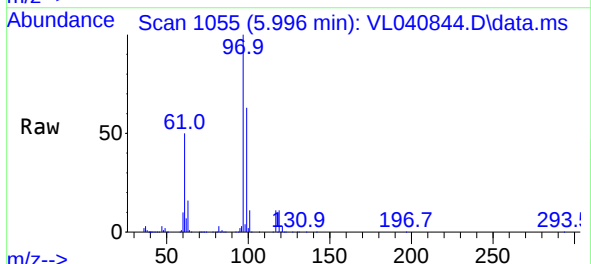
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

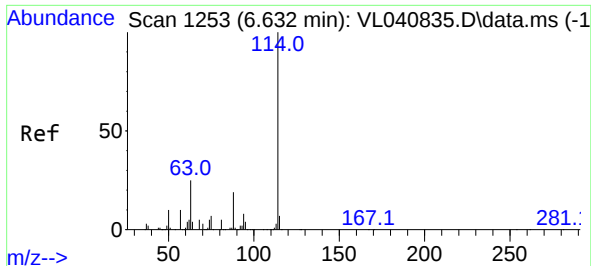
Tgt Ion: 61 Resp: 856764
Ion Ratio Lower Upper
61 100
96 65.2 50.5 75.7
98 42.5 31.9 47.9



#32
1,1,1-Trichloroethane
Concen: 10.580 ppbv
RT: 5.996 min Scan# 1055
Delta R.T. -0.023 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Tgt Ion: 97 Resp: 1744534
Ion Ratio Lower Upper
97 100
99 64.7 52.2 78.4
61 50.9 41.0 61.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 114

Delta R.T. -0.023 min

Lab File: VL040844.D

Acq: 14 Nov 2023 9:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

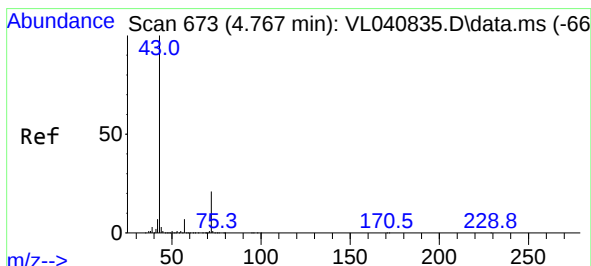
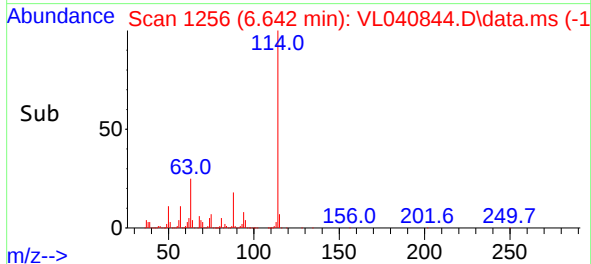
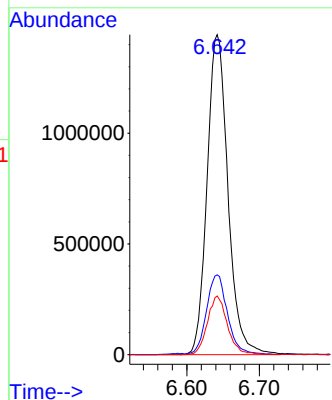
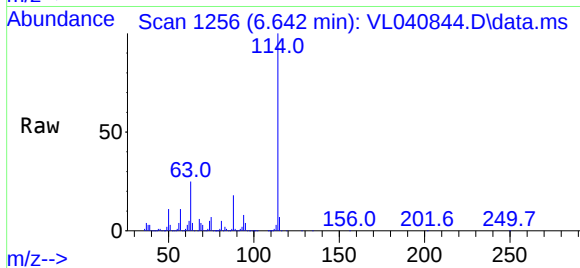
Tgt Ion:114 Resp: 2890955

Ion Ratio Lower Upper

114 100

63 25.6 20.9 31.3

88 17.7 14.3 21.5



#34

2-Butanone

Concen: 8.536 ppbv

RT: 4.780 min Scan# 677

Delta R.T. -0.026 min

Lab File: VL040844.D

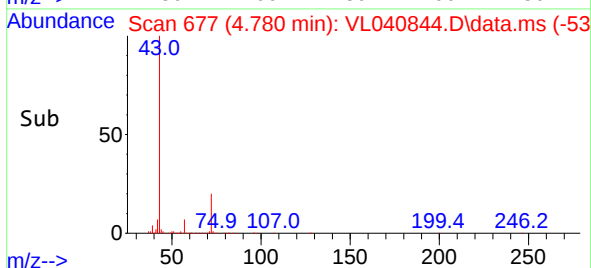
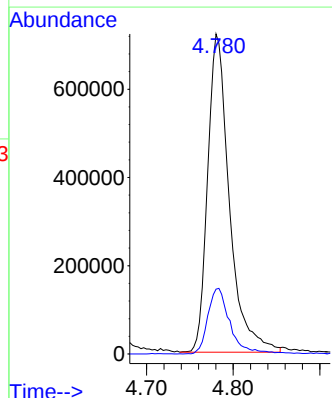
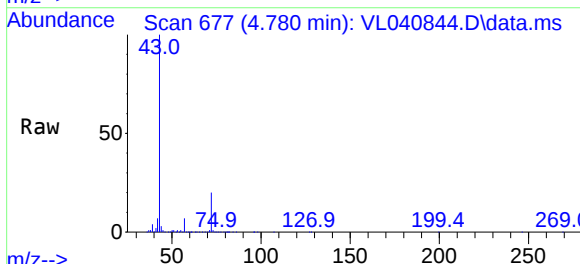
Acq: 14 Nov 2023 9:54

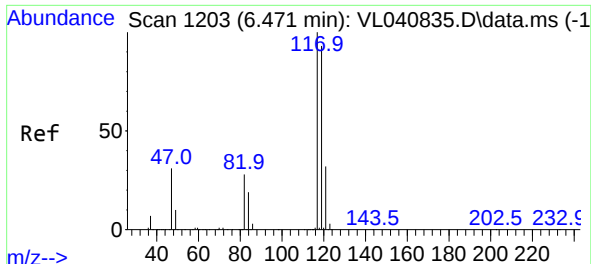
Tgt Ion: 43 Resp: 1257109

Ion Ratio Lower Upper

43 100

72 21.3 17.2 25.8

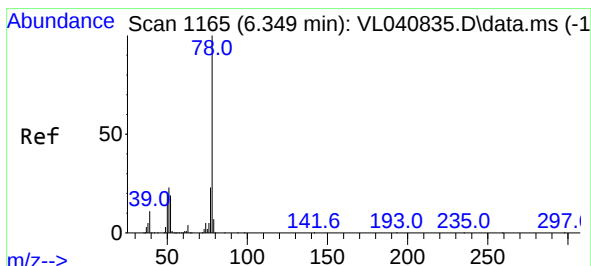
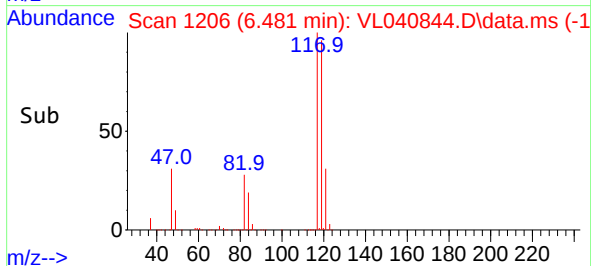
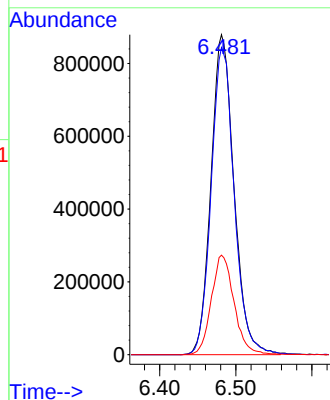
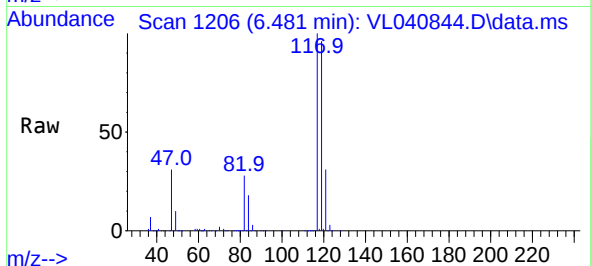




#35
Carbon Tetrachloride
Concen: 10.417 ppbv
RT: 6.481 min Scan# 1168
Delta R.T. -0.026 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

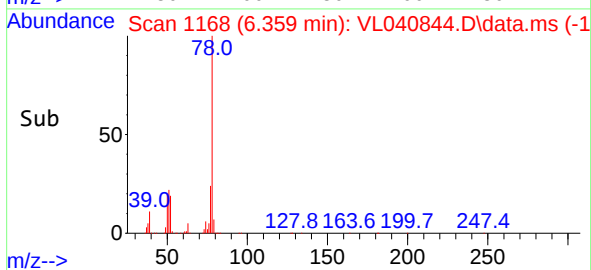
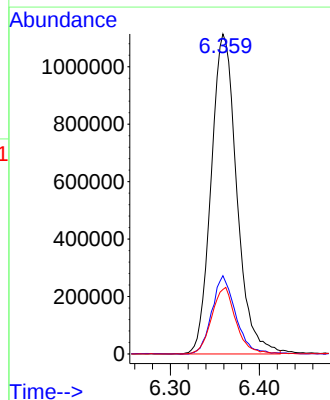
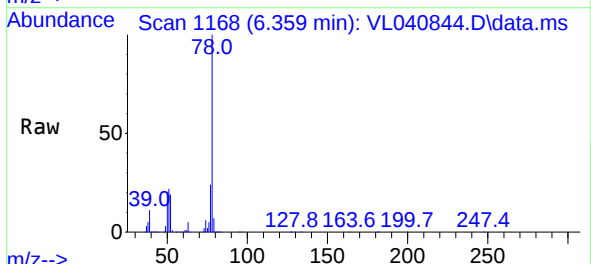
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

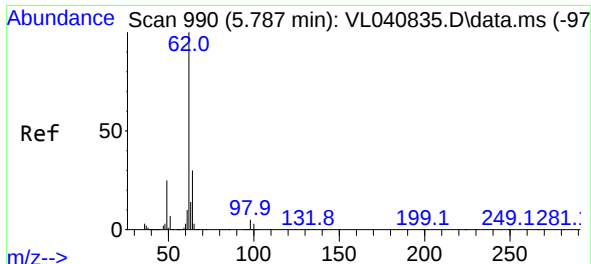
Tgt Ion:117 Resp: 1847609
Ion Ratio Lower Upper
117 100
119 96.0 74.7 112.1
121 31.1 25.5 38.3



#36
Benzene
Concen: 9.465 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. -0.026 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Tgt Ion: 78 Resp: 2220700
Ion Ratio Lower Upper
78 100
77 24.4 18.4 27.6
50 20.2 16.2 24.2

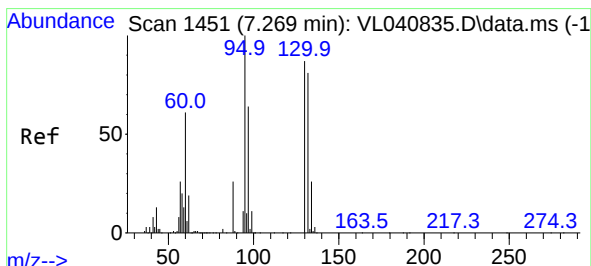
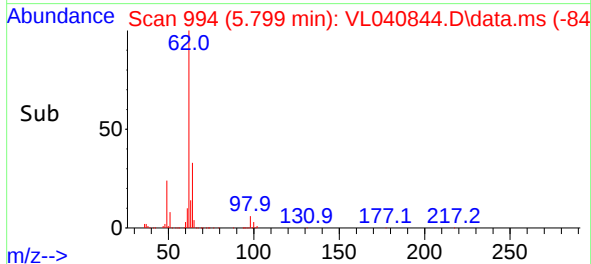
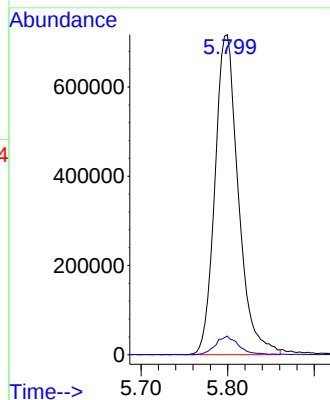
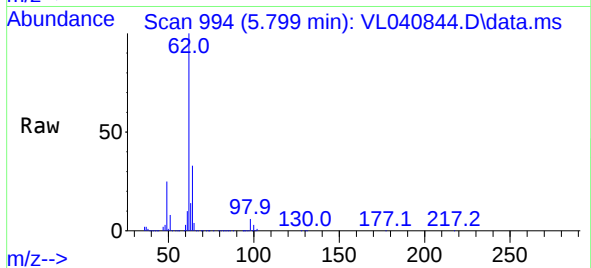




#37
1,2-Dichloroethane
Concen: 9.749 ppbv
RT: 5.799 min Scan# 990
Delta R.T. -0.023 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

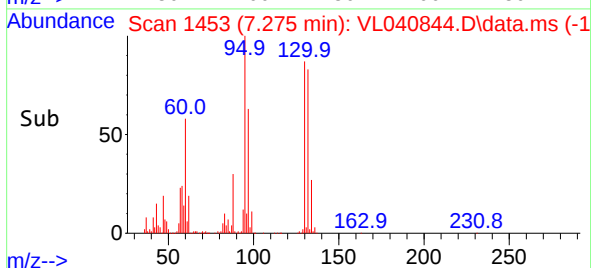
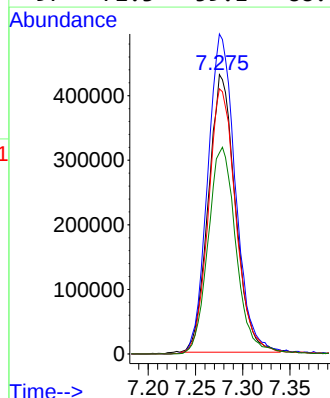
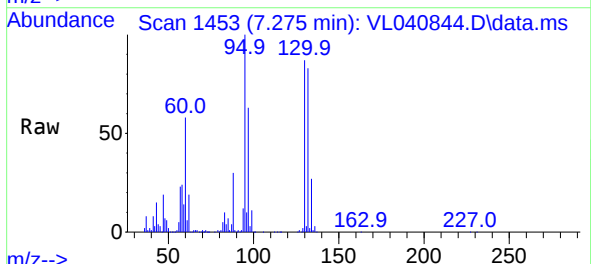
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

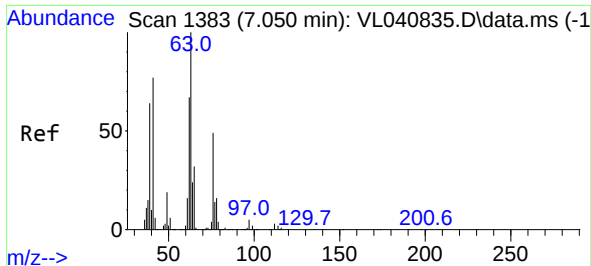
Tgt Ion: 62 Resp: 1349078
Ion Ratio Lower Upper
62 100
98 5.7 4.6 6.8



#38
Trichloroethene
Concen: 9.363 ppbv
RT: 7.275 min Scan# 1453
Delta R.T. -0.023 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Tgt Ion:130 Resp: 853928
Ion Ratio Lower Upper
130 100
95 114.9 92.4 138.6
132 95.3 75.1 112.7
97 72.3 59.1 88.7





#39

1,2-Dichloropropane

Concen: 9.475 ppbv

RT: 7.060 min Scan# 11

Delta R.T. -0.023 min

Lab File: VL040844.D

Acq: 14 Nov 2023 9:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

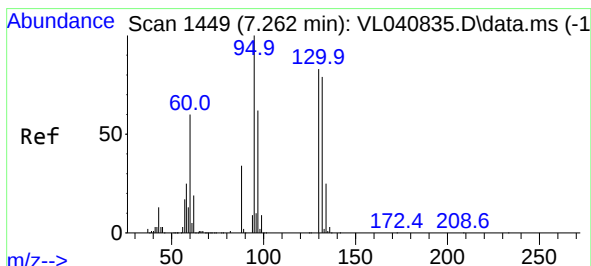
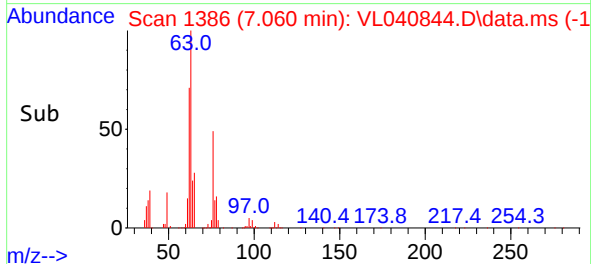
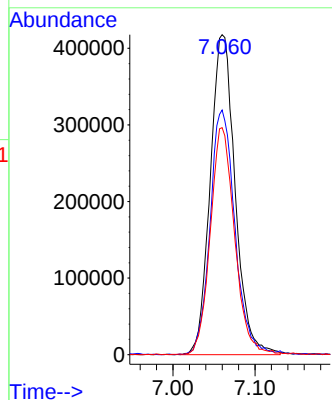
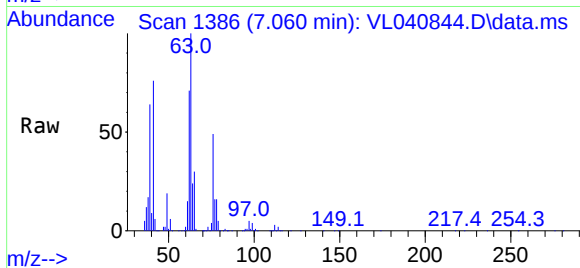
Tgt Ion: 63 Resp: 881421

Ion Ratio Lower Upper

63 100

41 76.3 61.5 92.3

62 70.8 53.9 80.9



#40

1,4-Dioxane

Concen: 10.006 ppbv

RT: 7.269 min Scan# 1451

Delta R.T. -0.023 min

Lab File: VL040844.D

Acq: 14 Nov 2023 9:54

Tgt Ion: 88 Resp: 369336

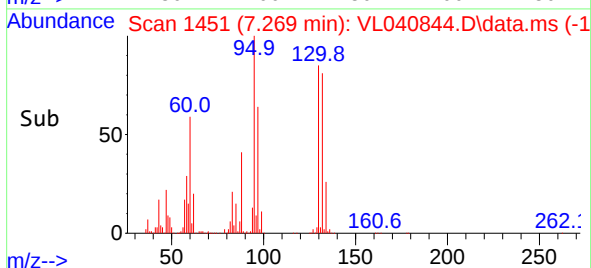
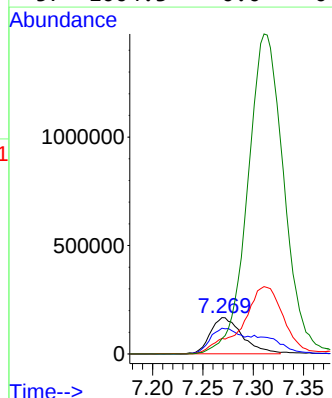
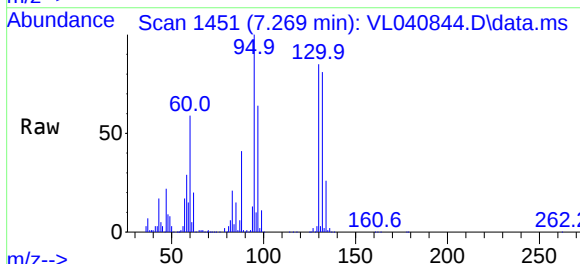
Ion Ratio Lower Upper

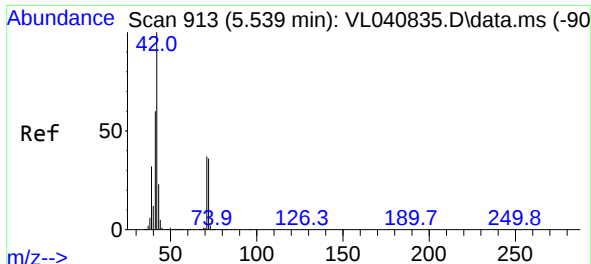
88 100

58 118.3 101.0 151.6

43 239.3 0.0 0.0#

57 1004.3 0.0 0.0#

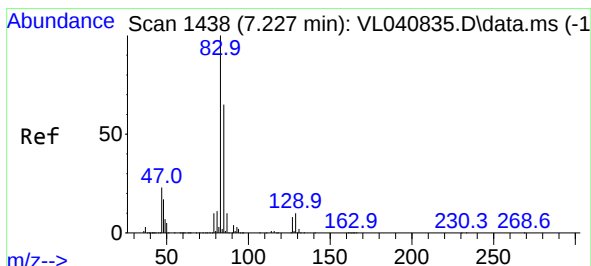
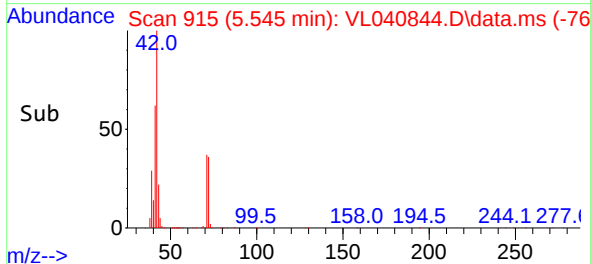
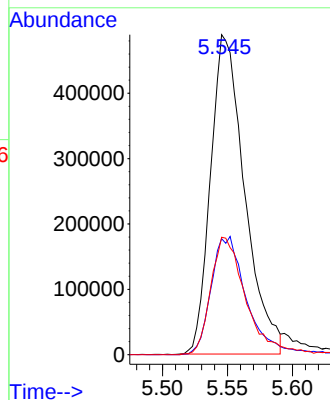
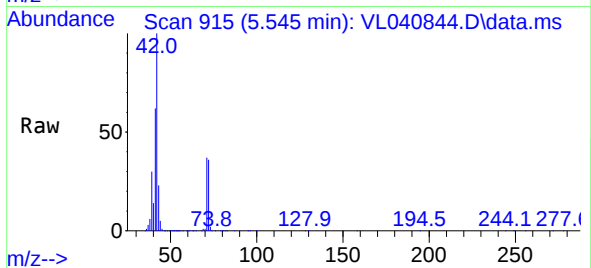




#41
Tetrahydrofuran
Concen: 9.823 ppbv
RT: 5.545 min Scan# 913
Delta R.T. -0.029 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

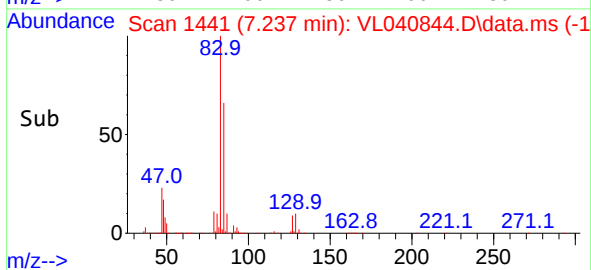
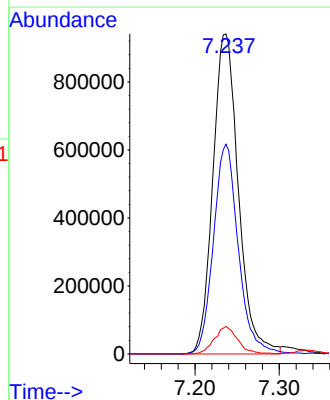
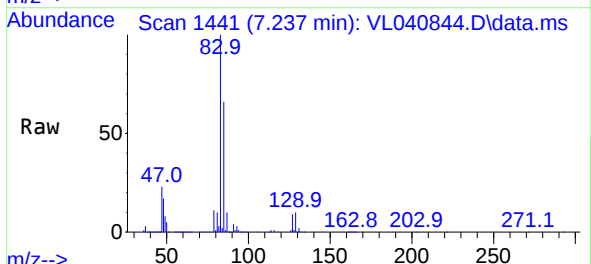
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

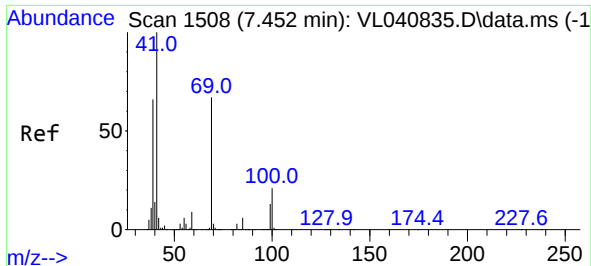
Tgt Ion: 42 Resp: 890715
Ion Ratio Lower Upper
42 100
72 39.5 30.8 46.2
71 38.7 30.0 45.0



#42
Bromodichloromethane
Concen: 9.998 ppbv
RT: 7.237 min Scan# 1441
Delta R.T. -0.023 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Tgt Ion: 83 Resp: 1980032
Ion Ratio Lower Upper
83 100
85 65.6 52.3 78.5
127 8.6 6.6 10.0

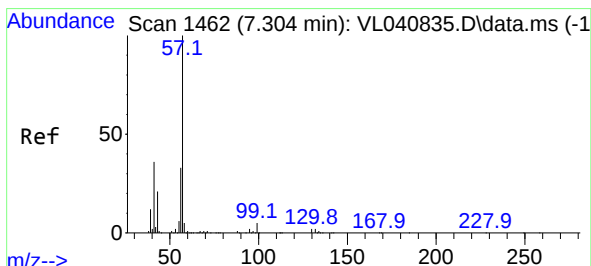
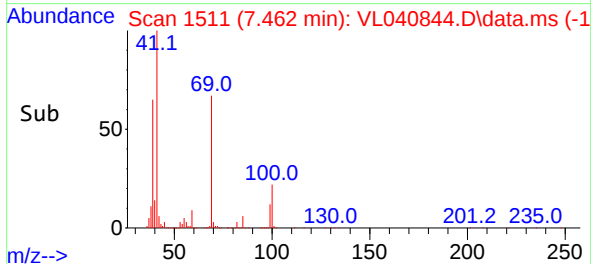
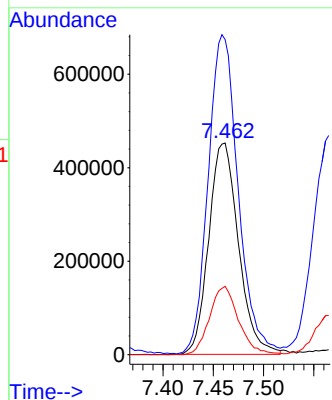
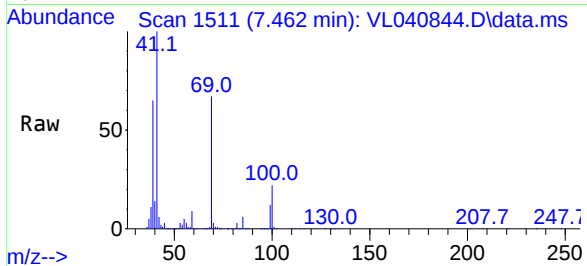




#43
Methyl Methacrylate
Concen: 10.430 ppbv
RT: 7.462 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

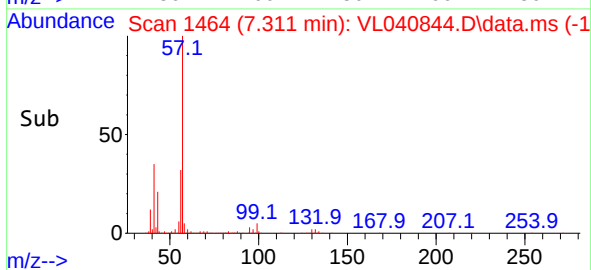
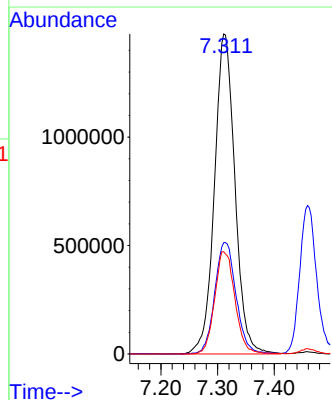
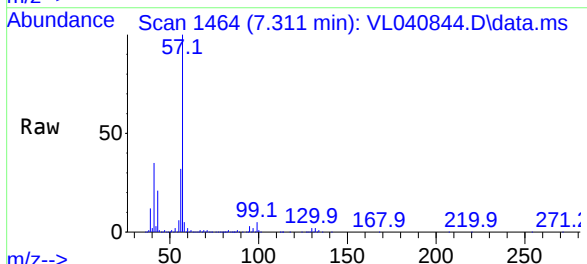
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

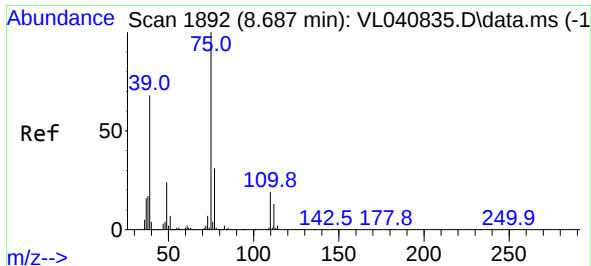
Tgt Ion: 69 Resp: 932572
Ion Ratio Lower Upper
69 100
41 152.2 123.0 184.4
100 31.5 25.4 38.2



#44
2,2,4-Trimethylpentane
Concen: 9.511 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. -0.023 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Tgt Ion: 57 Resp: 3706989
Ion Ratio Lower Upper
57 100
41 36.3 29.0 43.6
56 31.7 25.2 37.8

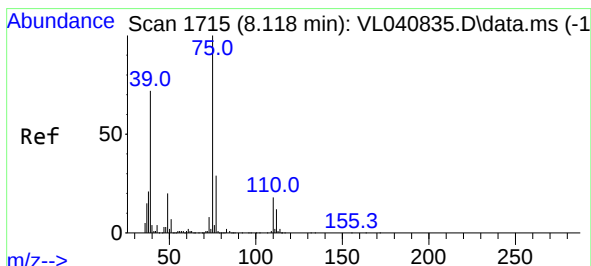
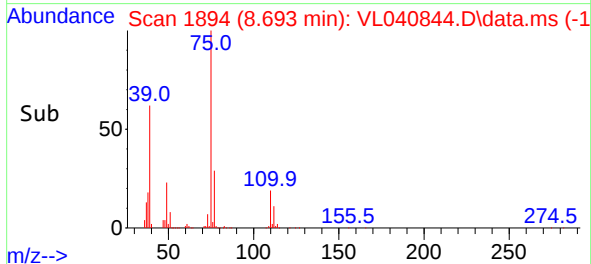
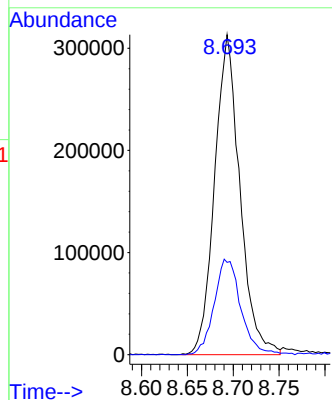
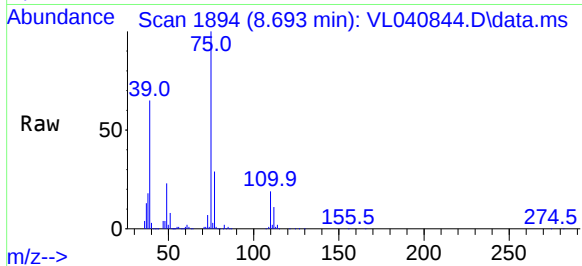




#45
 t-1,3-Dichloropropene
 Concen: 11.424 ppbv
 RT: 8.693 min Scan# 11
 Delta R.T. -0.016 min
 Lab File: VL040844.D
 Acq: 14 Nov 2023 9:54

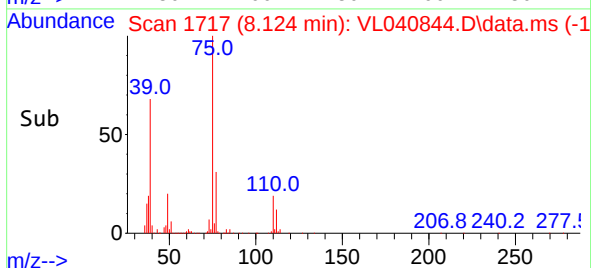
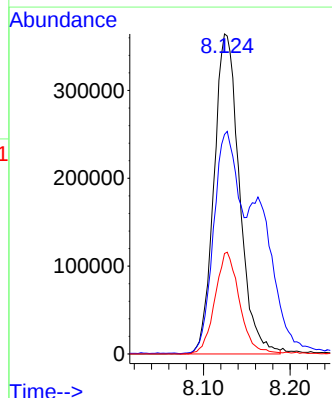
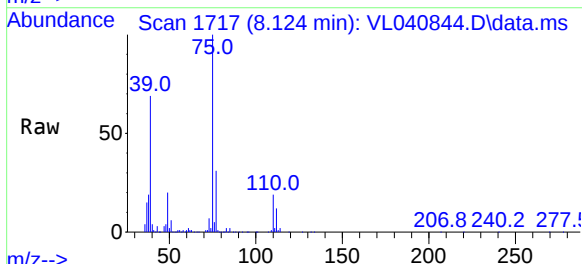
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

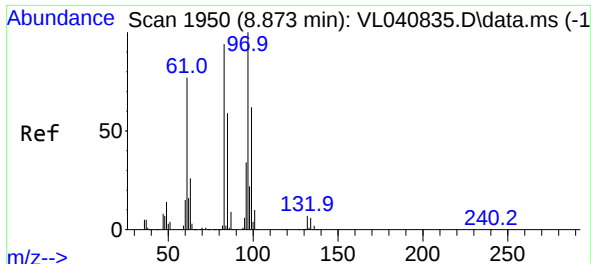
Tgt Ion: 75 Resp: 600259
 Ion Ratio Lower Upper
 75 100
 77 28.9 24.9 37.3



#46
 cis-1,3-Dichloropropene
 Concen: 10.900 ppbv
 RT: 8.124 min Scan# 1717
 Delta R.T. -0.023 min
 Lab File: VL040844.D
 Acq: 14 Nov 2023 9:54

Tgt Ion: 75 Resp: 742569
 Ion Ratio Lower Upper
 75 100
 39 68.5 57.3 85.9
 77 31.4 23.0 34.6





#47

1,1,2-Trichloroethane

Concen: 9.520 ppbv

RT: 8.880 min Scan# 1950

Delta R.T. -0.019 min

Lab File: VL040844.D

Acq: 14 Nov 2023 9:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 928061

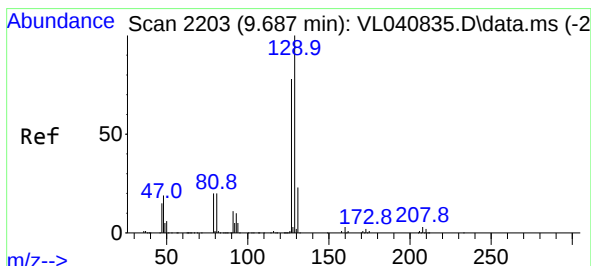
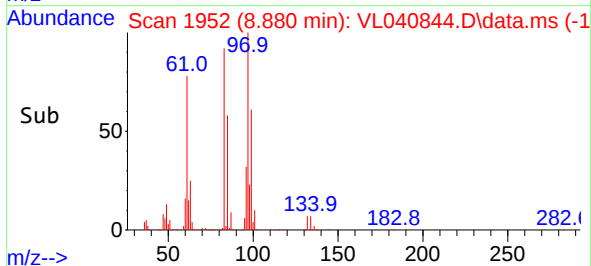
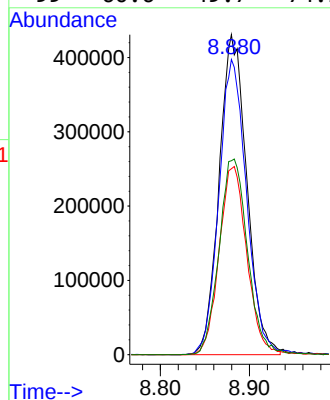
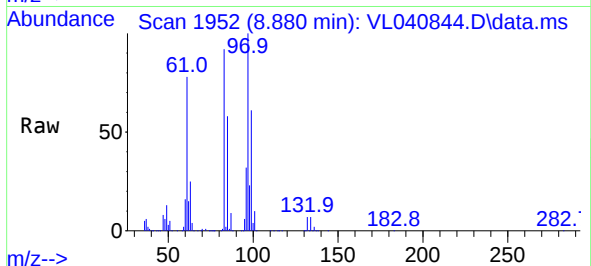
Ion Ratio Lower Upper

97 100

83 92.2 74.8 112.2

85 58.1 47.4 71.0

99 60.6 49.7 74.5



#48

Dibromochloromethane

Concen: 10.212 ppbv

RT: 9.690 min Scan# 2204

Delta R.T. -0.023 min

Lab File: VL040844.D

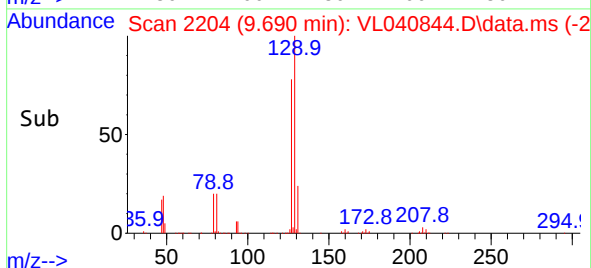
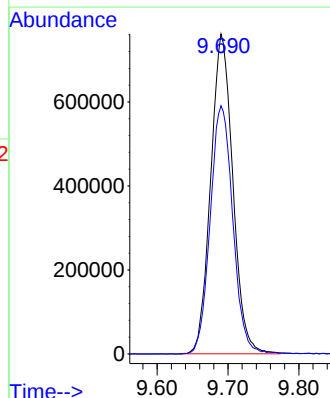
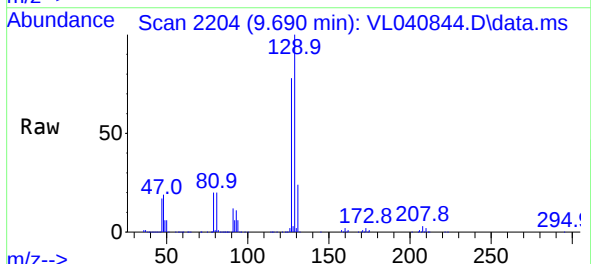
Acq: 14 Nov 2023 9:54

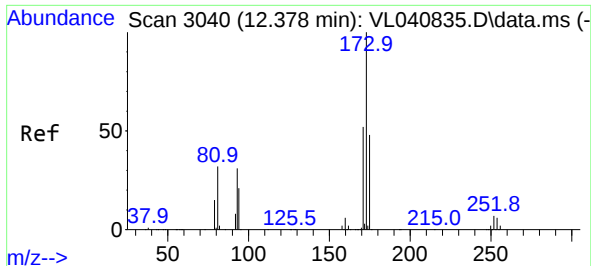
Tgt Ion: 129 Resp: 1651841

Ion Ratio Lower Upper

129 100

127 79.5 39.3 117.9

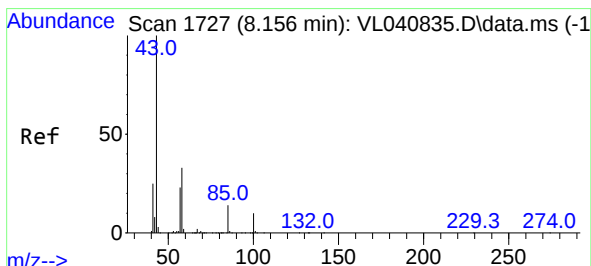
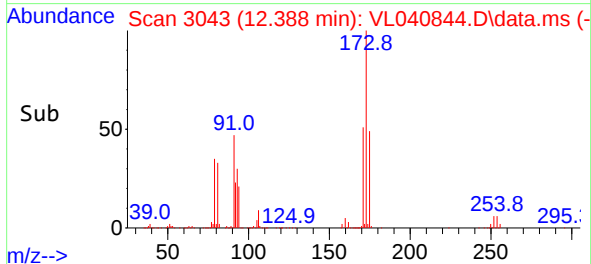
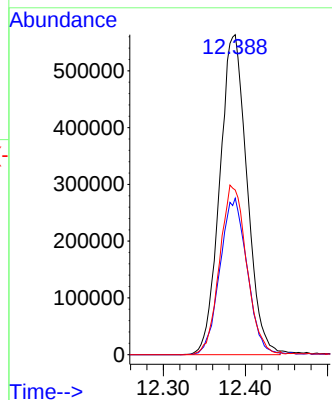
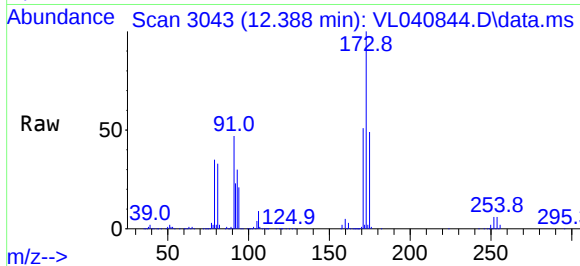




#49
Bromoform
Concen: 10.676 ppbv
RT: 12.388 min Scan# 30
Delta R.T. -0.016 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

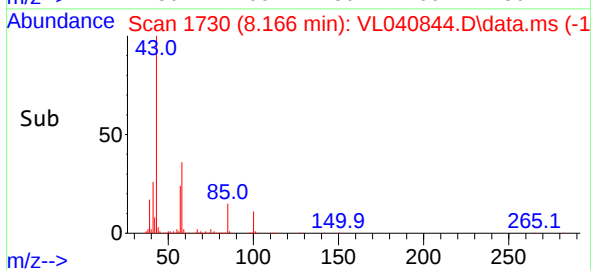
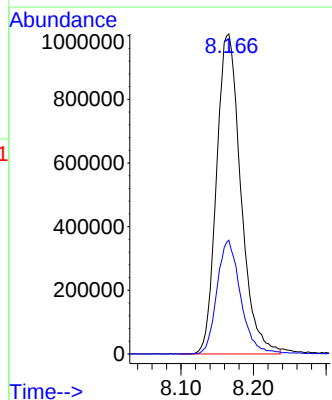
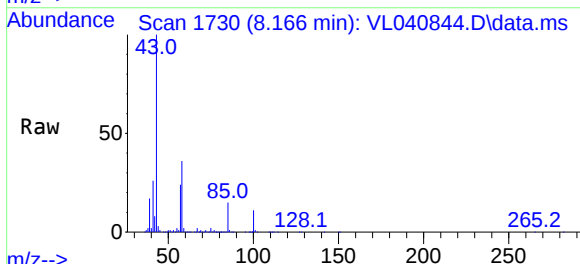
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

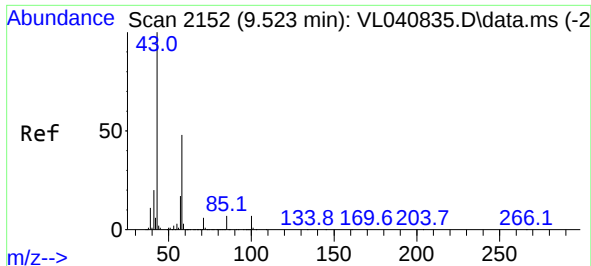
Tgt Ion:173 Resp: 1298903
Ion Ratio Lower Upper
173 100
175 49.1 39.0 58.6
171 53.1 41.8 62.6



#50
4-Methyl-2-Pentanone
Concen: 10.262 ppbv
RT: 8.166 min Scan# 1730
Delta R.T. -0.019 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Tgt Ion: 43 Resp: 2338974
Ion Ratio Lower Upper
43 100
58 34.8 27.8 41.6



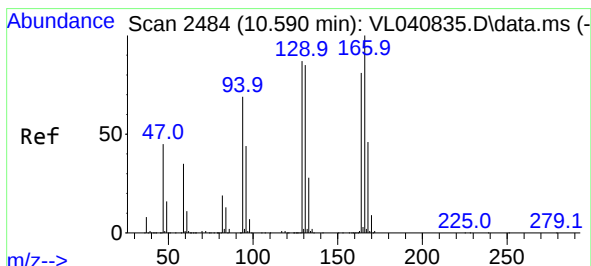
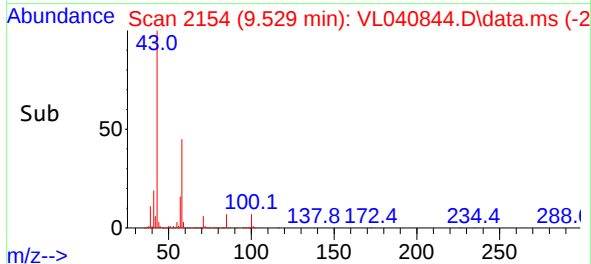
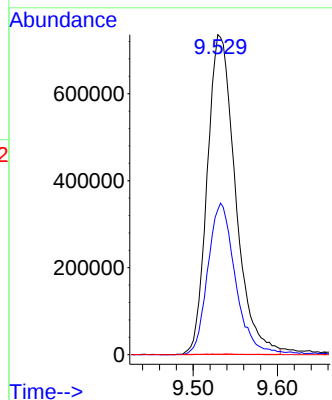
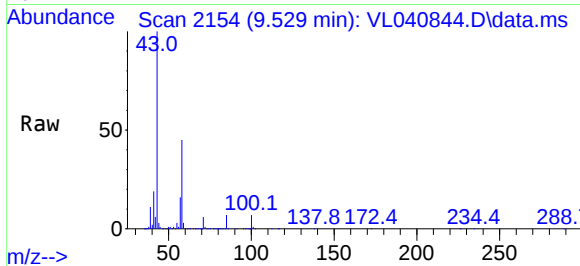


#51
2-Hexanone
Concen: 10.627 ppbv
RT: 9.529 min Scan# 2152
Delta R.T. -0.019 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1707390

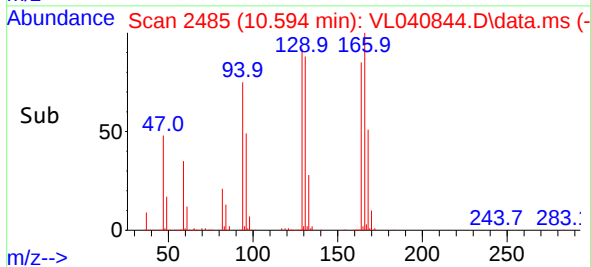
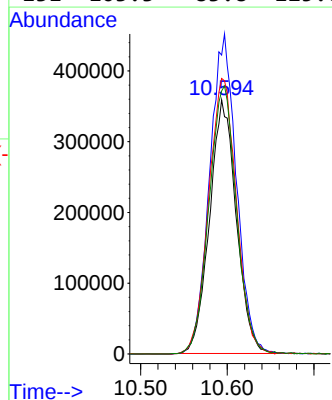
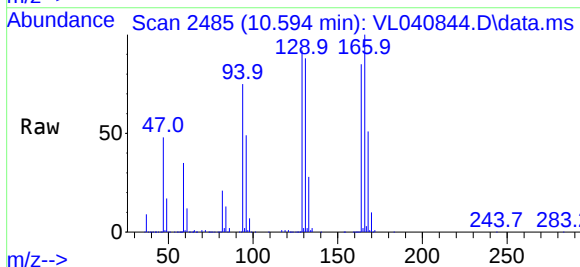
Ion	Ratio	Lower	Upper
43	100		
58	47.3	37.4	56.2
98	0.2	0.2	0.2

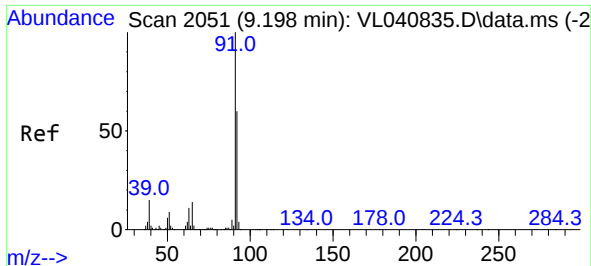


#52
Tetrachloroethene
Concen: 9.703 ppbv
RT: 10.594 min Scan# 2485
Delta R.T. -0.023 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Tgt Ion: 164 Resp: 766677

Ion	Ratio	Lower	Upper
164	100		
166	117.5	98.3	147.5
129	108.1	85.1	127.7
131	103.3	83.8	125.6

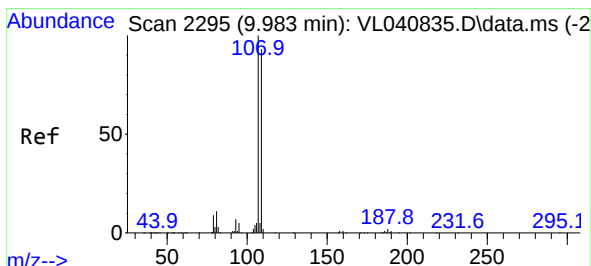
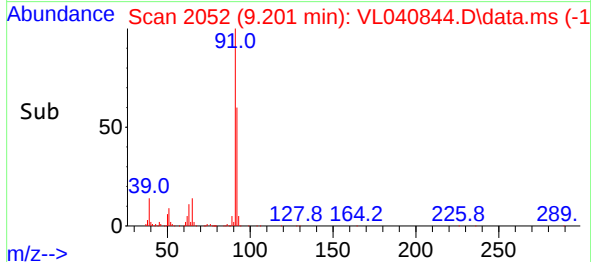
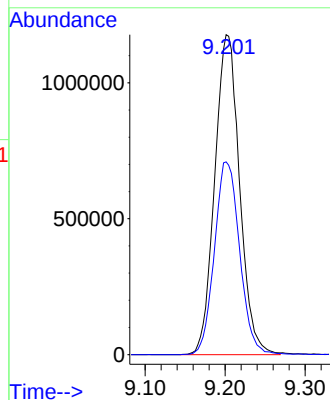
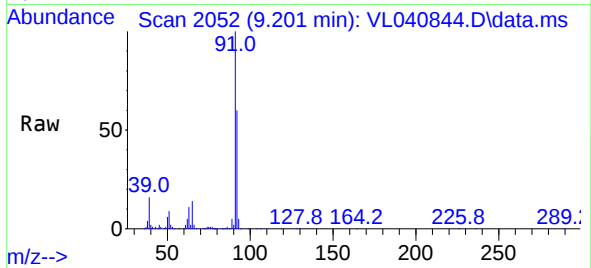




#53
Toluene
Concen: 9.845 ppbv
RT: 9.201 min Scan# 2051
Delta R.T. -0.023 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

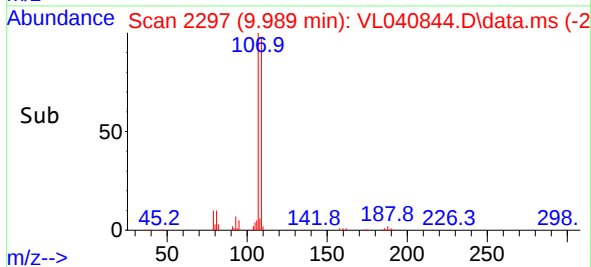
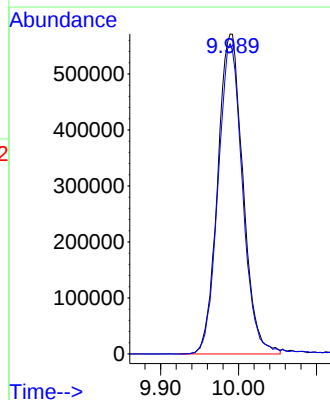
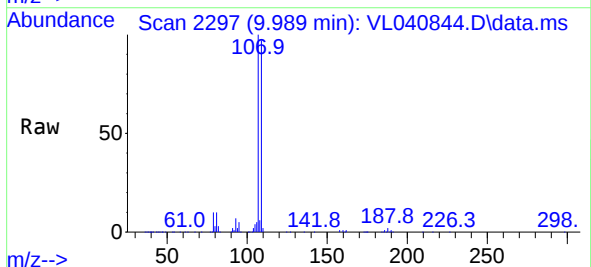
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

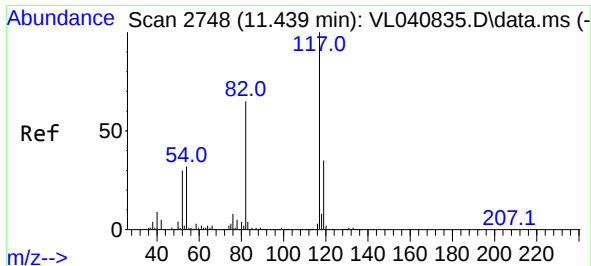
Tgt Ion: 91 Resp: 2541922
Ion Ratio Lower Upper
91 100
92 61.3 49.4 74.2



#54
1,2-Dibromoethane
Concen: 10.258 ppbv
RT: 9.989 min Scan# 2297
Delta R.T. -0.019 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Tgt Ion: 107 Resp: 1286875
Ion Ratio Lower Upper
107 100
109 96.9 74.5 111.7

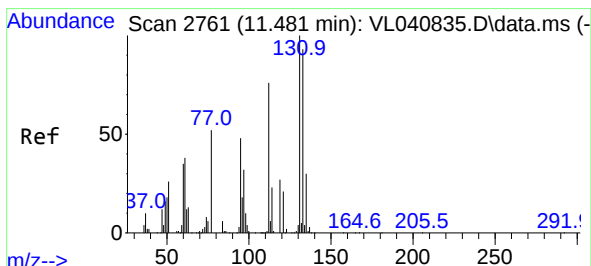
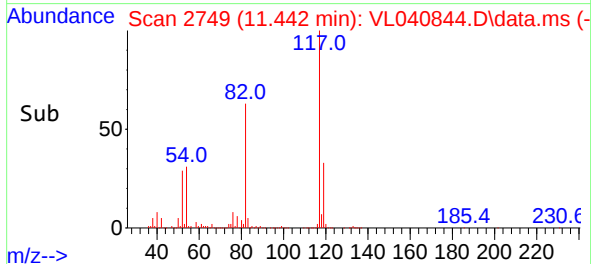
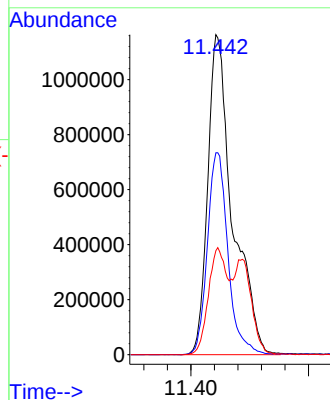
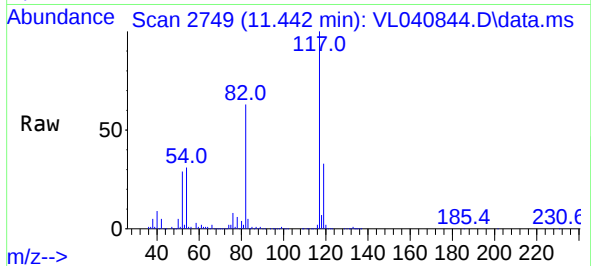




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.442 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

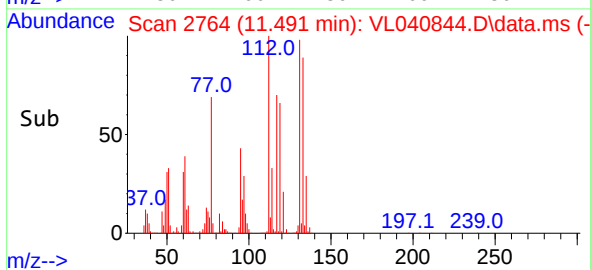
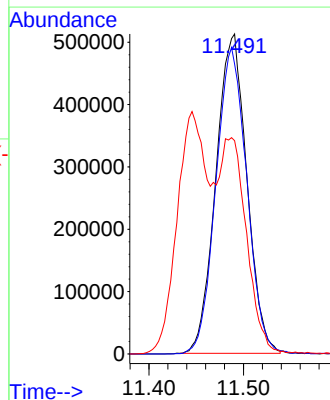
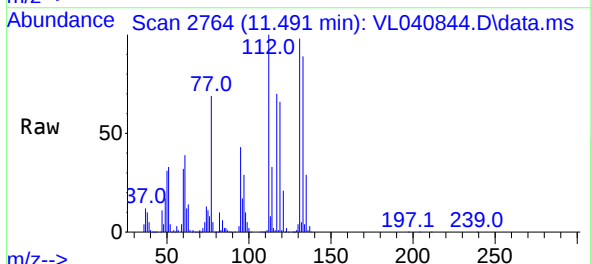
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

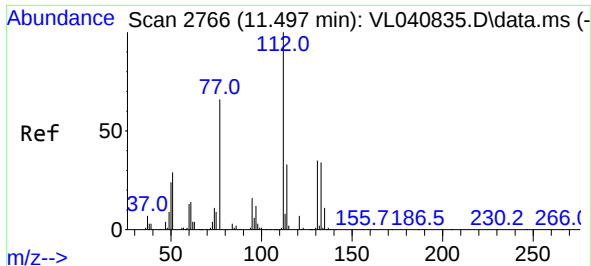
Tgt Ion:117 Resp: 3410491
Ion Ratio Lower Upper
117 100
82 52.5 50.6 75.8
119 24.5 23.3 34.9



#56
1,1,1,2-Tetrachloroethane
Concen: 7.961 ppbv
RT: 11.491 min Scan# 2764
Delta R.T. -0.016 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Tgt Ion:131 Resp: 1162072
Ion Ratio Lower Upper
131 100
133 96.3 76.4 114.6
119 58.4 51.1 76.7

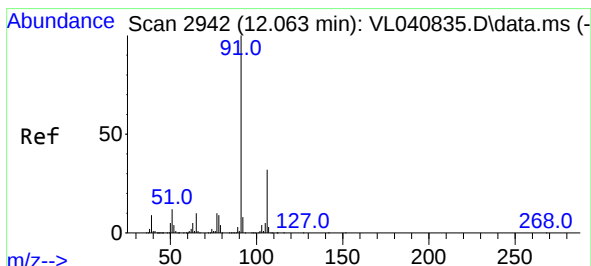
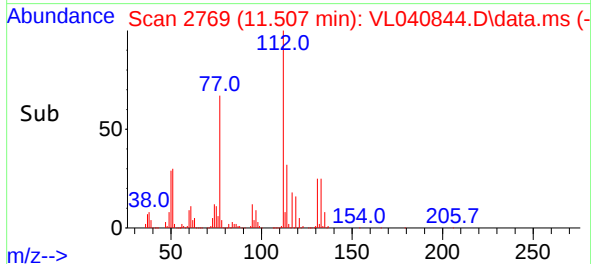
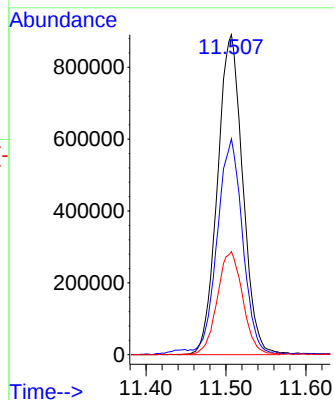
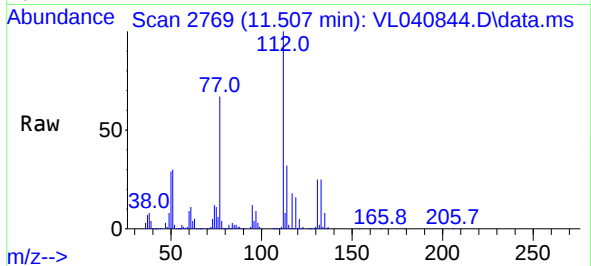




#57
Chlorobenzene
Concen: 7.721 ppbv
RT: 11.507 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

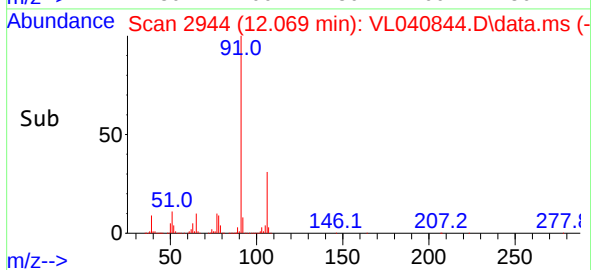
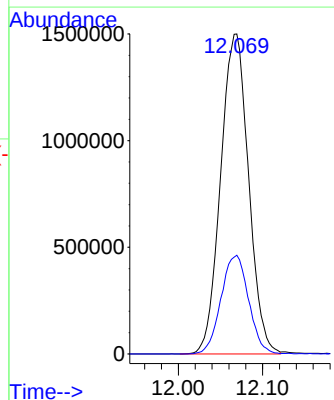
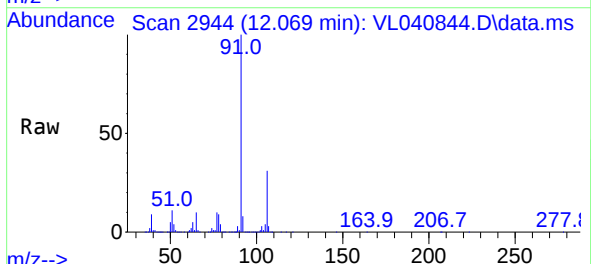
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

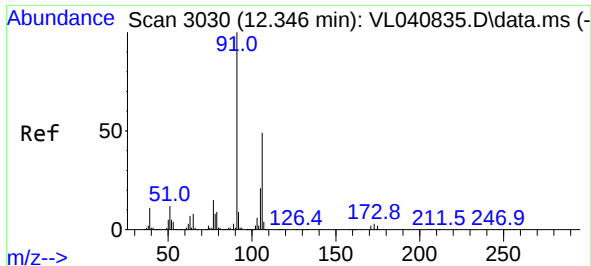
Tgt Ion:112 Resp: 1951762
Ion Ratio Lower Upper
112 100
77 67.0 53.3 79.9
114 32.1 29.3 35.9



#58
Ethyl Benzene
Concen: 7.750 ppbv
RT: 12.069 min Scan# 2944
Delta R.T. -0.016 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Tgt Ion: 91 Resp: 3448610
Ion Ratio Lower Upper
91 100
106 30.9 25.2 37.8





#59

m/p-Xylene

Concen: 7.429 ppbv

RT: 12.349 min Scan# 3030

Delta R.T. -0.019 min

Lab File: VL040844.D

Acq: 14 Nov 2023 9:54

Instrument :

MSVOA_L

ClientSampleId :

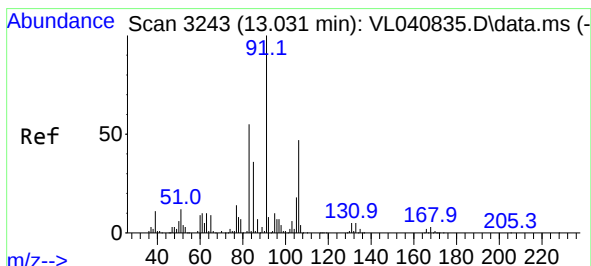
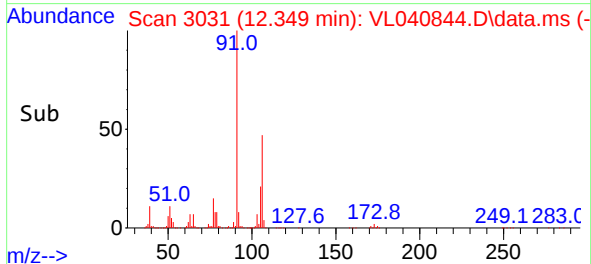
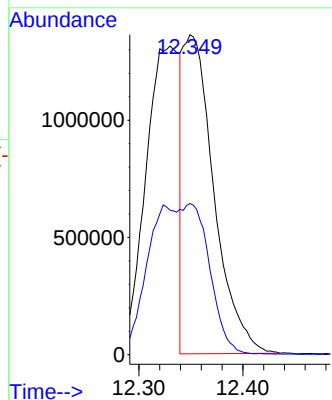
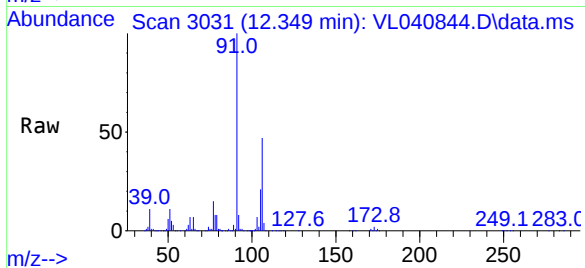
VSTDCCC010

Tgt Ion: 91 Resp: 2814985

Ion Ratio Lower Upper

91 100

106 91.7 35.4 53.0#



#60

o-Xylene

Concen: 7.646 ppbv

RT: 13.037 min Scan# 3245

Delta R.T. -0.016 min

Lab File: VL040844.D

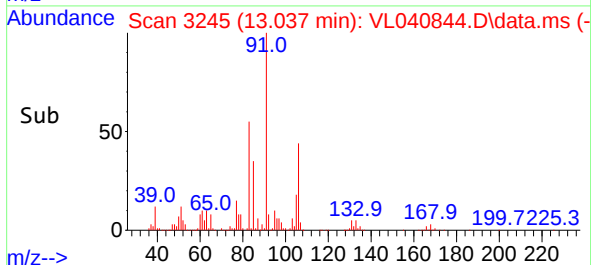
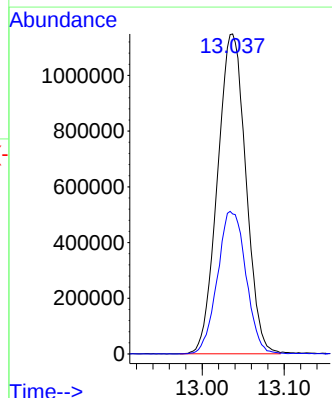
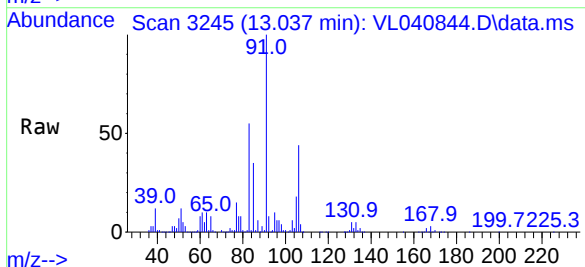
Acq: 14 Nov 2023 9:54

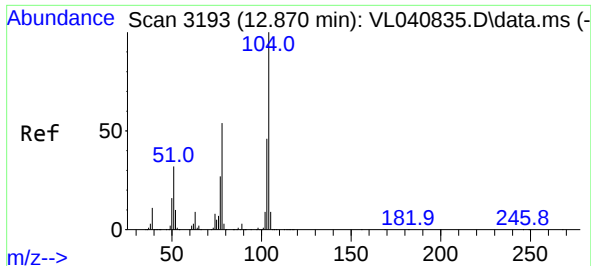
Tgt Ion: 91 Resp: 2758328

Ion Ratio Lower Upper

91 100

106 45.1 22.9 68.5

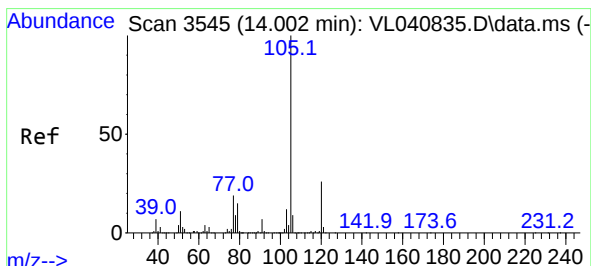
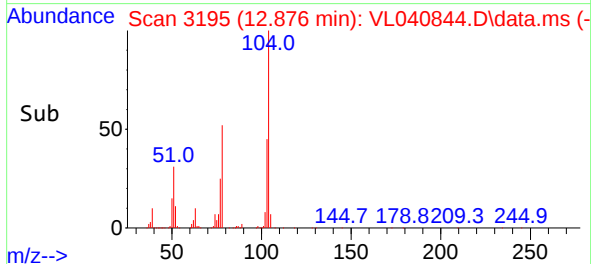
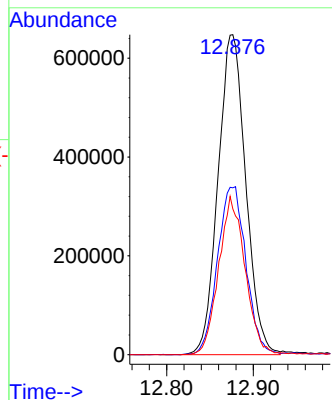
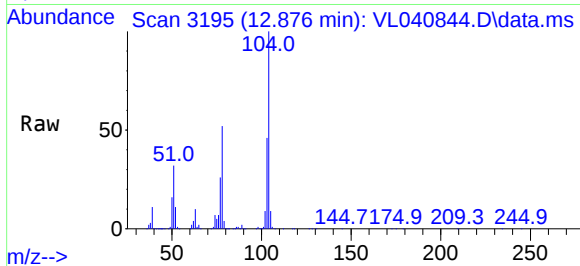




#61
Styrene
Concen: 8.274 ppbv
RT: 12.876 min Scan# 3195
Delta R.T. -0.016 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

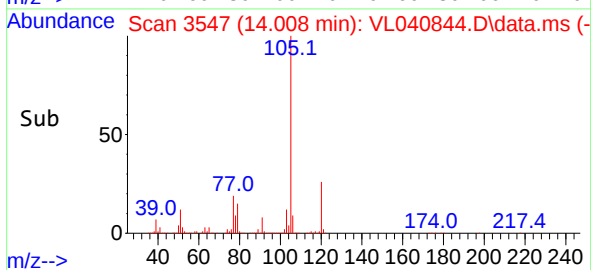
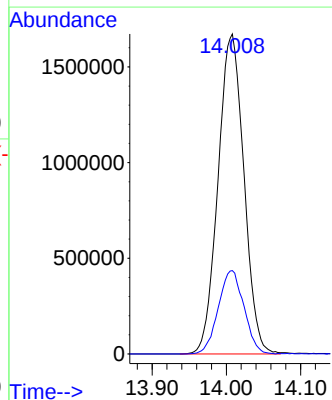
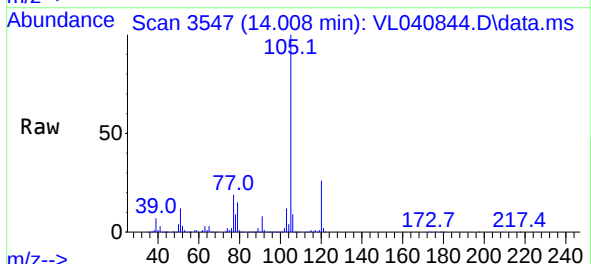
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

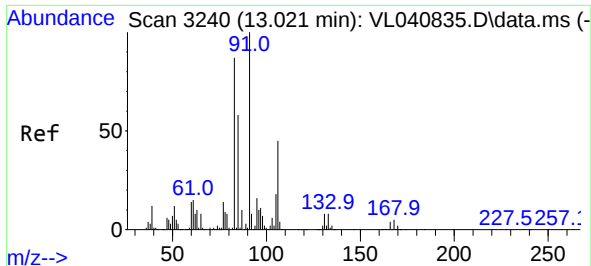
Tgt Ion:104 Resp: 1439348
Ion Ratio Lower Upper
104 100
78 54.1 43.3 64.9
103 47.3 37.6 56.4



#62
Isopropylbenzene
Concen: 7.598 ppbv
RT: 14.008 min Scan# 3547
Delta R.T. -0.016 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Tgt Ion:105 Resp: 4049367
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1

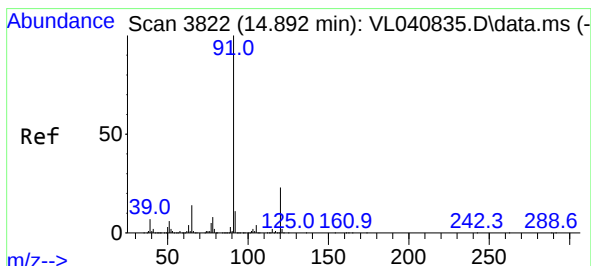
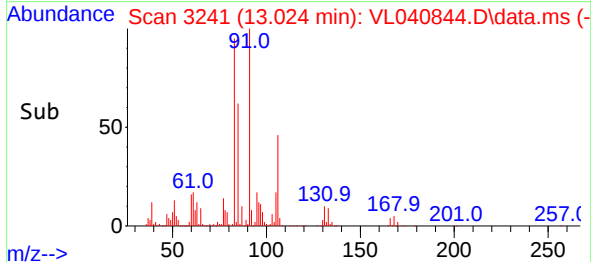
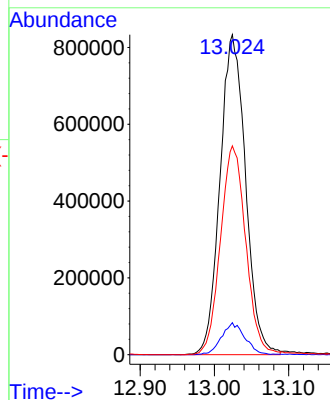
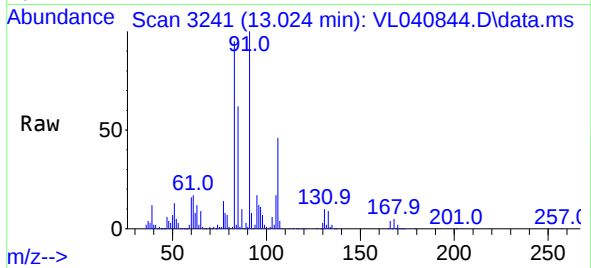




#63
1,1,2,2-Tetrachloroethane
Concen: 7.777 ppbv
RT: 13.024 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

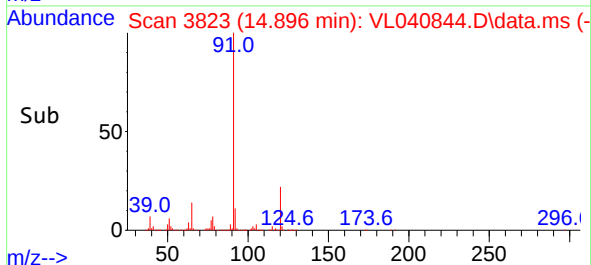
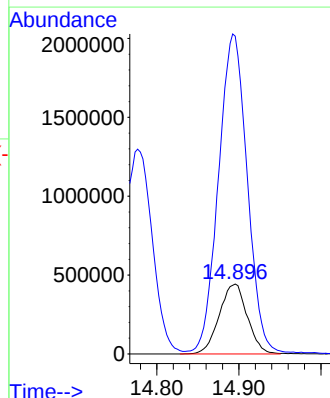
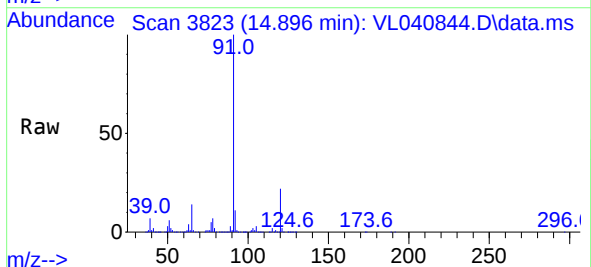
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

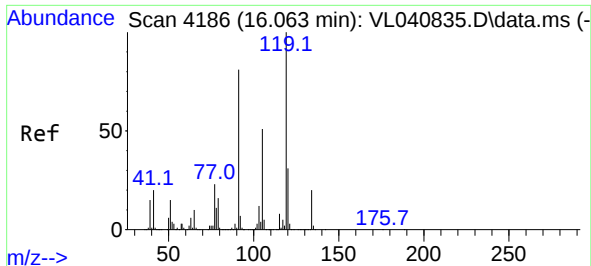
Tgt Ion: 83 Resp: 1988472
Ion Ratio Lower Upper
83 100
131 9.3 4.5 13.7
85 65.4 32.9 98.7



#64
n-propylbenzene
Concen: 7.882 ppbv
RT: 14.896 min Scan# 3823
Delta R.T. -0.013 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Tgt Ion:120 Resp: 1052833
Ion Ratio Lower Upper
120 100
91 472.0 381.1 571.7

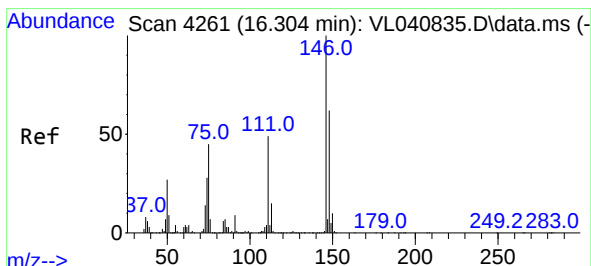
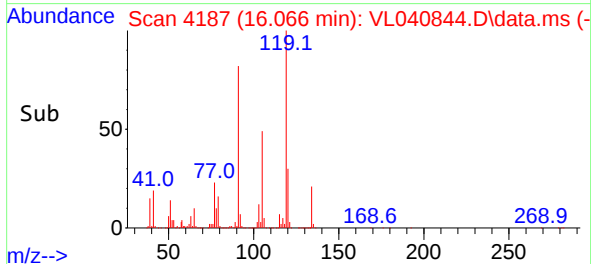
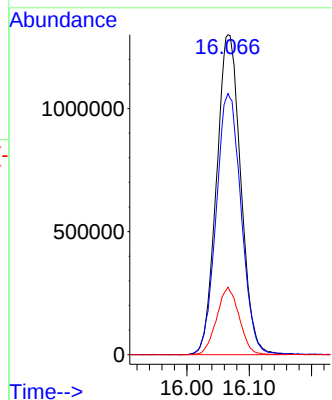
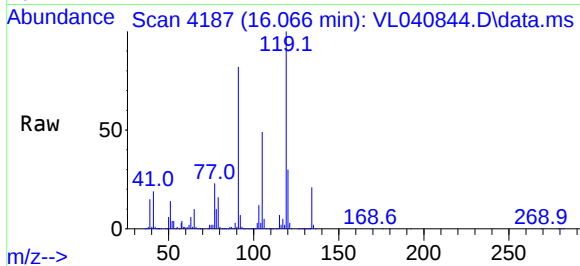




#65
tert-Butylbenzene
Concen: 7.803 ppbv
RT: 16.066 min Scan# 4186
Delta R.T. -0.016 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

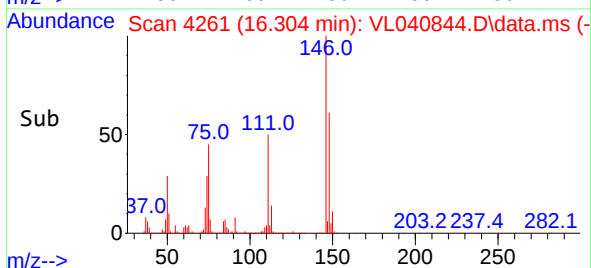
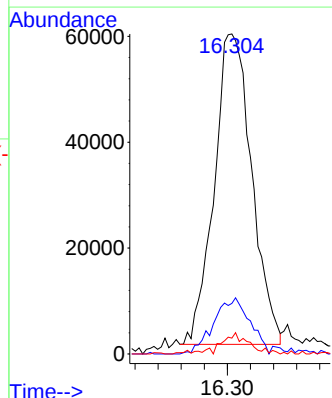
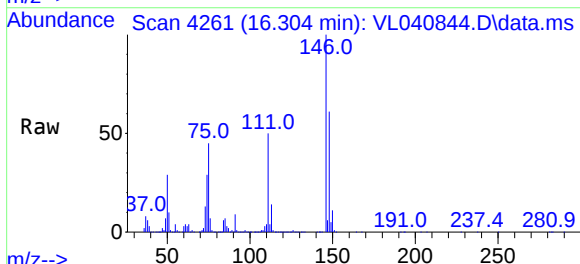
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

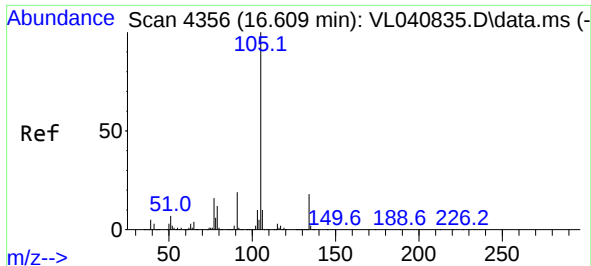
Tgt Ion:119 Resp: 3506244
Ion Ratio Lower Upper
119 100
91 84.2 67.5 101.3
134 19.6 15.9 23.9



#66
Benzyl Chloride
Concen: 7.989 ppbv
RT: 16.304 min Scan# 4261
Delta R.T. -0.023 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Tgt Ion: 91 Resp: 132292
Ion Ratio Lower Upper
91 100
126 18.9 12.8 19.2
128 5.6 0.0 0.0#

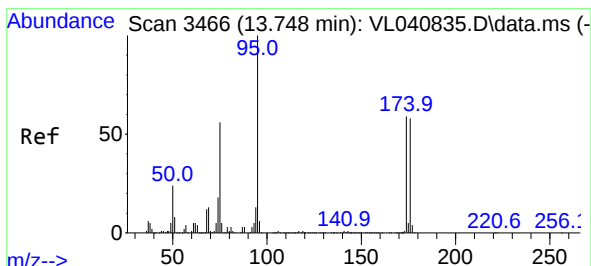
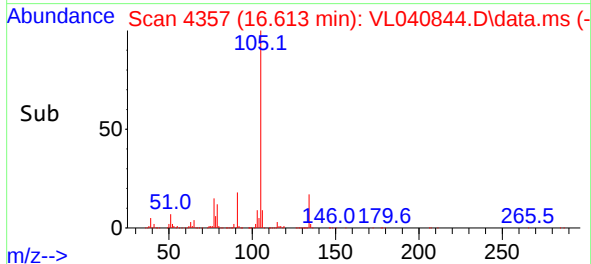
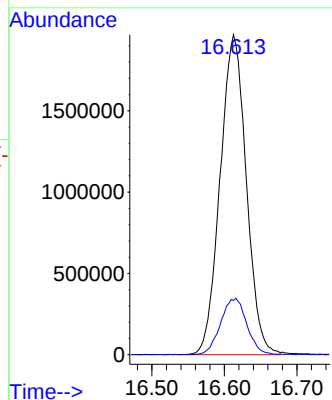
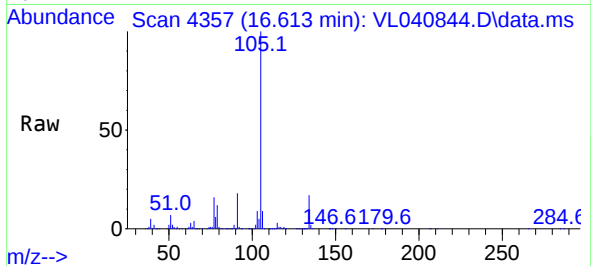




#67
 sec-Butylbenzene
 Concen: 7.682 ppbv
 RT: 16.613 min Scan# 41
 Delta R.T. -0.016 min
 Lab File: VL040844.D
 Acq: 14 Nov 2023 9:54

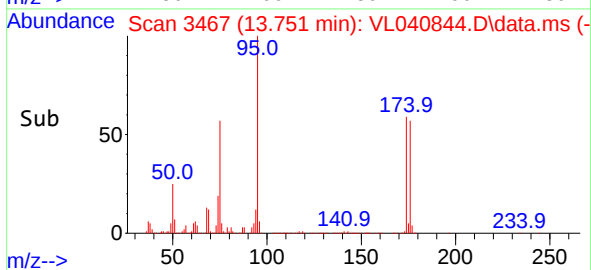
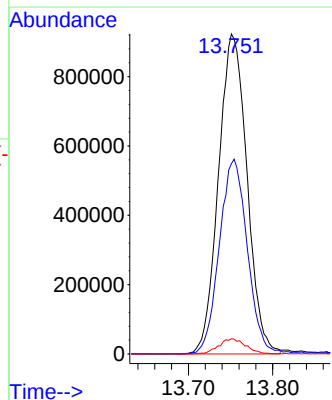
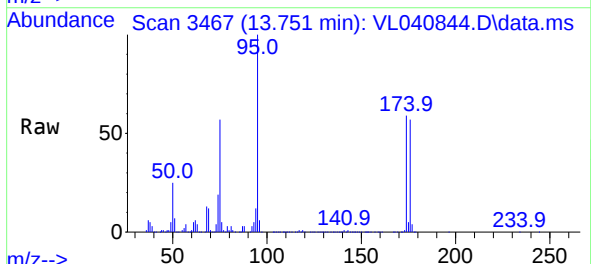
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

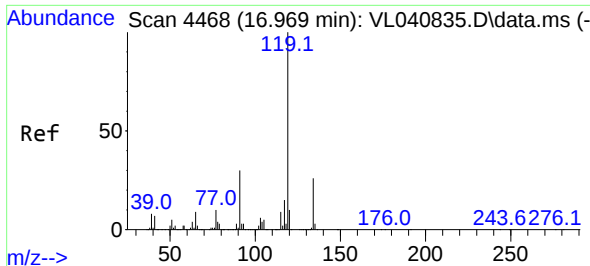
Tgt Ion:105 Resp: 4931207
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.3 21.5



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.112 ppbv
 RT: 13.751 min Scan# 3467
 Delta R.T. -0.019 min
 Lab File: VL040844.D
 Acq: 14 Nov 2023 9:54

Tgt Ion: 95 Resp: 2166094
 Ion Ratio Lower Upper
 95 100
 174 60.6 47.5 71.3
 175 4.6 3.6 5.4

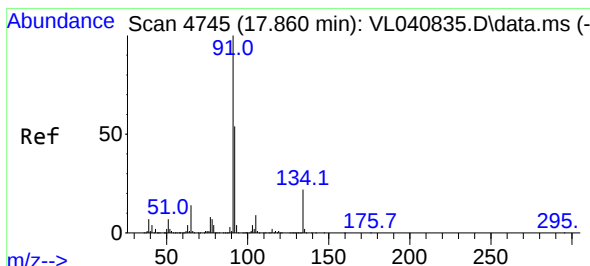
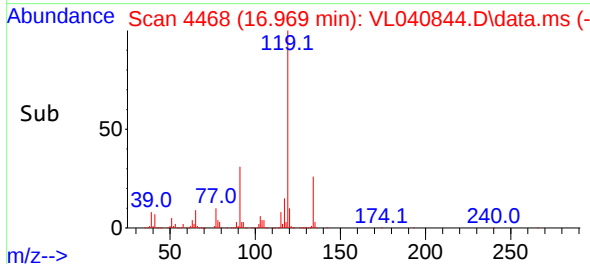
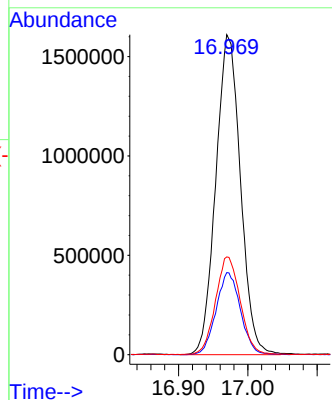
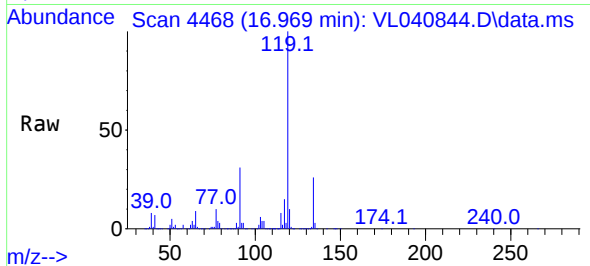




#69
p-Isopropyltoluene
Concen: 7.769 ppbv
RT: 16.969 min Scan# 4468
Delta R.T. -0.016 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

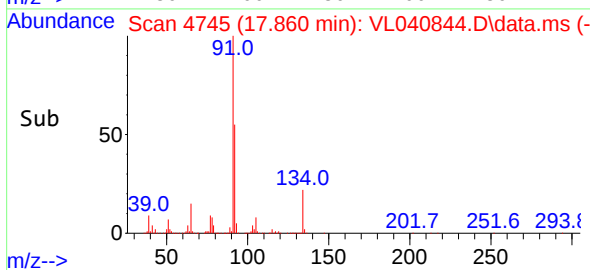
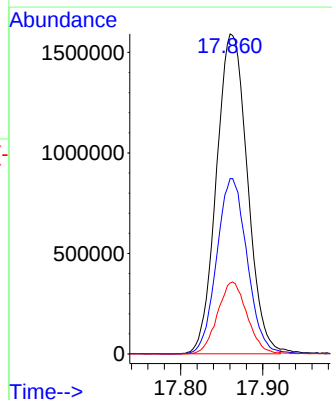
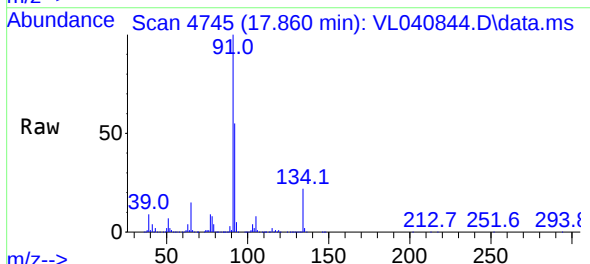
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

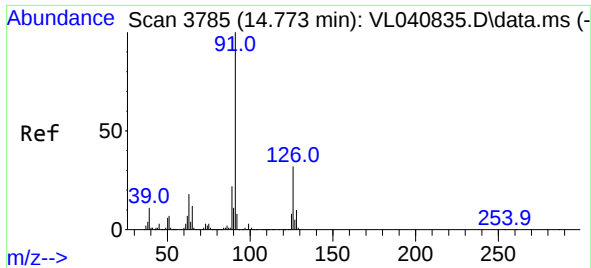
Tgt Ion:119 Resp: 3976654
Ion Ratio Lower Upper
119 100
134 25.4 20.5 30.7
91 30.7 24.7 37.1



#70
n-Butylbenzene
Concen: 7.725 ppbv
RT: 17.860 min Scan# 4745
Delta R.T. -0.019 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Tgt Ion: 91 Resp: 4175512
Ion Ratio Lower Upper
91 100
92 54.0 43.4 65.2
134 21.7 17.4 26.0

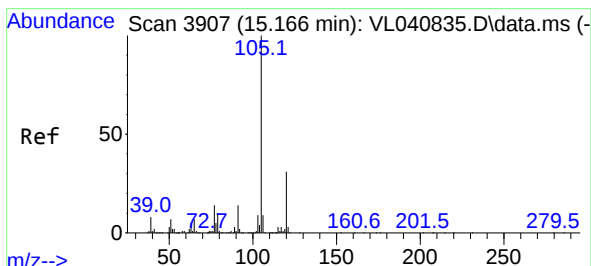
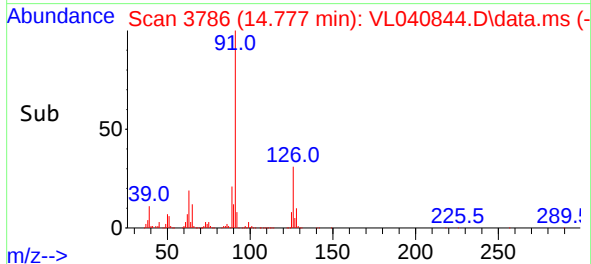
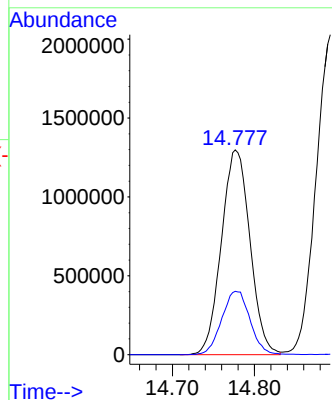
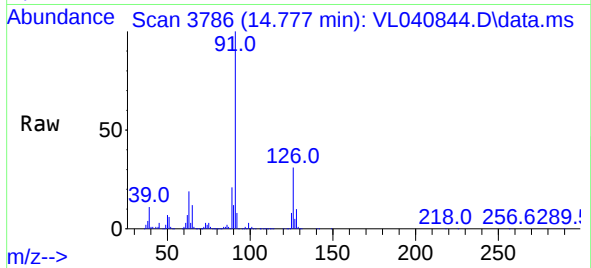




#71
2-Chlorotoluene
Concen: 7.758 ppbv
RT: 14.777 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

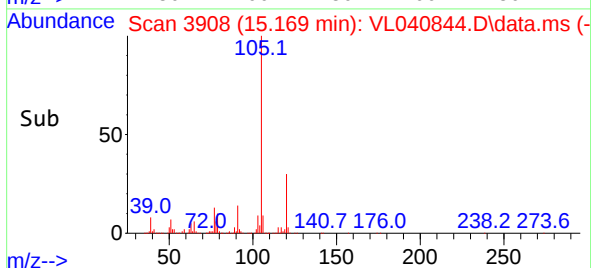
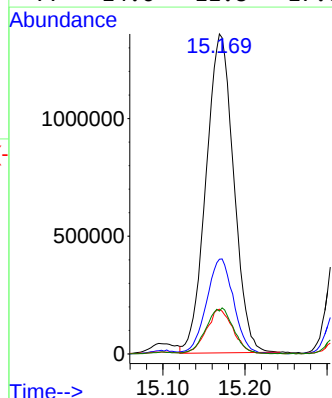
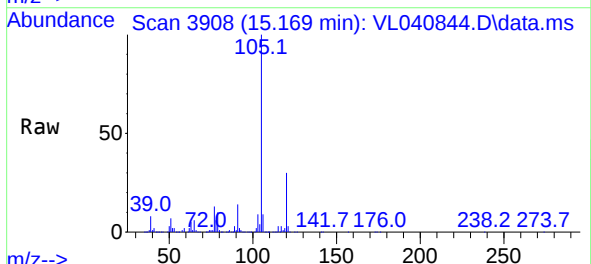
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

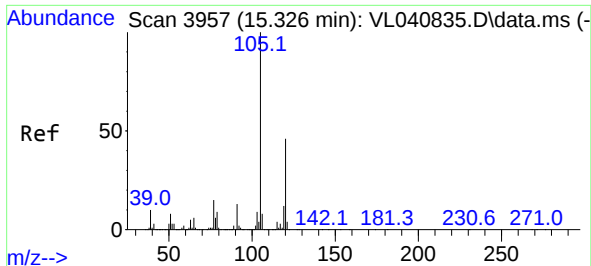
Tgt Ion: 91 Resp: 3151655
Ion Ratio Lower Upper
91 100
126 30.7 12.1 48.5



#72
4-Ethyltoluene
Concen: 8.004 ppbv
RT: 15.169 min Scan# 3908
Delta R.T. -0.016 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Tgt Ion:105 Resp: 3174092
Ion Ratio Lower Upper
105 100
120 29.6 24.5 36.7
91 13.5 10.6 16.0
77 14.6 11.8 17.6

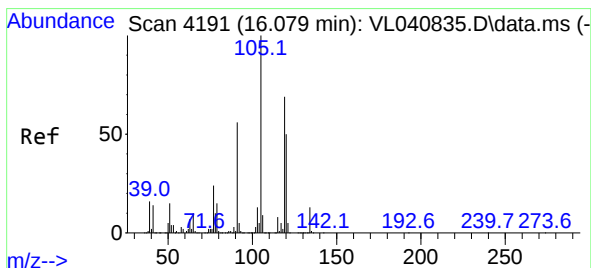
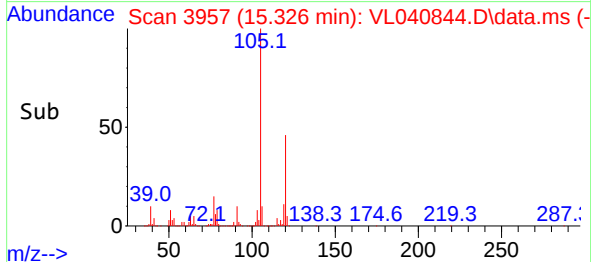
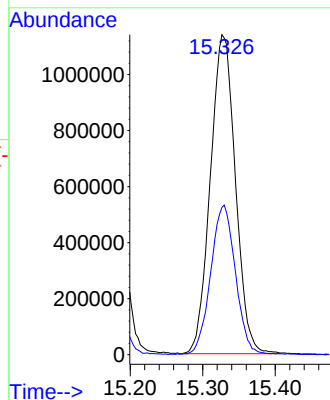
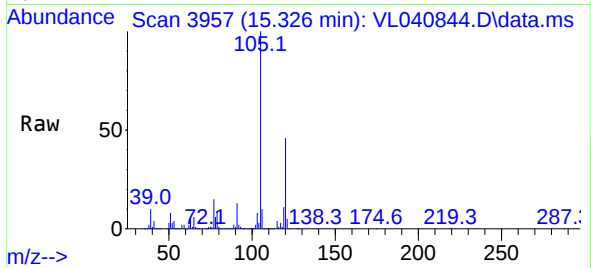




#73
1,3,5-Trimethylbenzene
Concen: 7.789 ppbv
RT: 15.326 min Scan# 3957
Delta R.T. -0.016 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

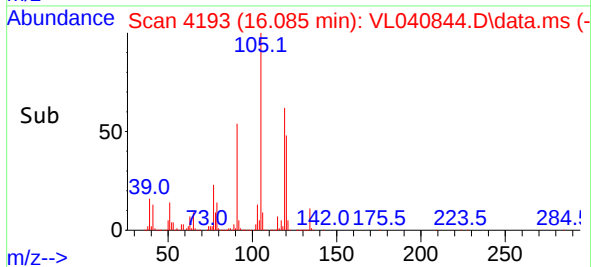
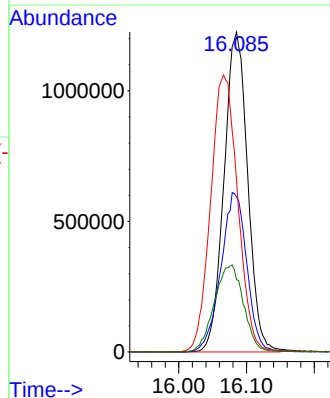
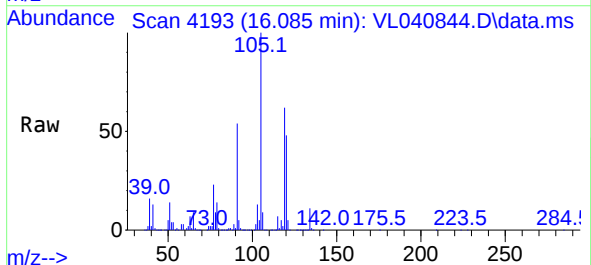
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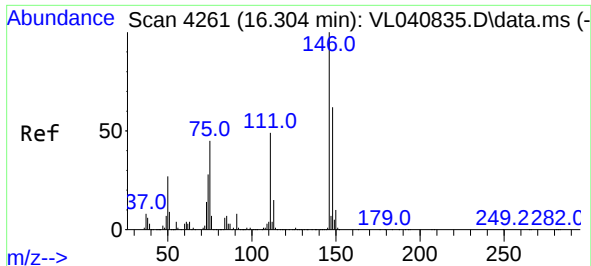
Tgt Ion:105 Resp: 2731673
Ion Ratio Lower Upper
105 100
120 46.0 36.8 55.2



#74
1,2,4-Trimethylbenzene
Concen: 7.593 ppbv
RT: 16.085 min Scan# 4193
Delta R.T. -0.016 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Tgt Ion:105 Resp: 2971711
Ion Ratio Lower Upper
105 100
120 48.4 40.2 60.2
91 53.6 45.7 68.5
77 22.6 19.2 28.8

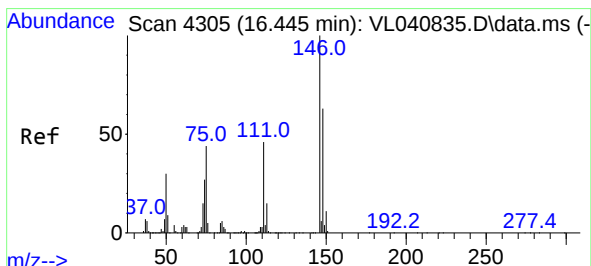
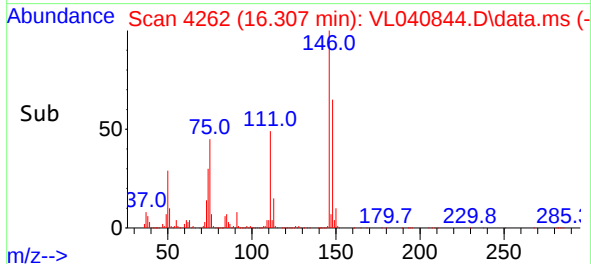
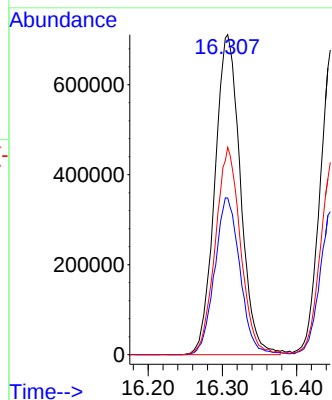
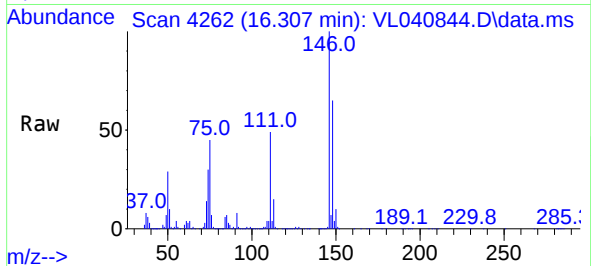




#75
1,3-Dichlorobenzene
Concen: 7.869 ppbv
RT: 16.307 min Scan# 41
Delta R.T. -0.016 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

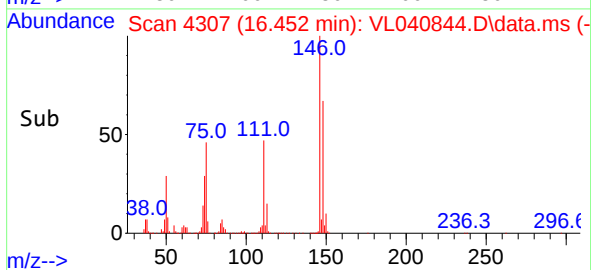
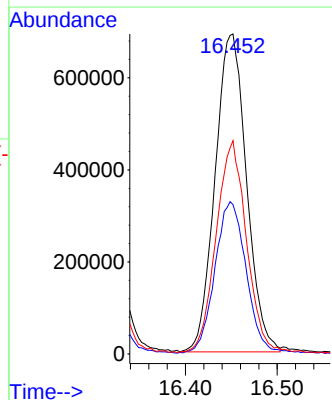
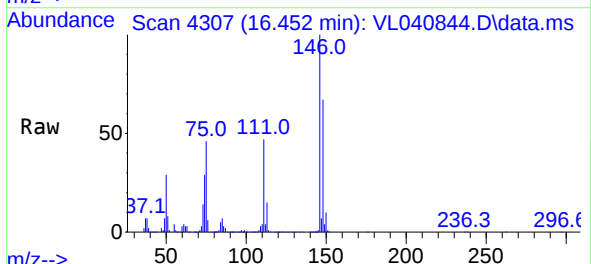
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

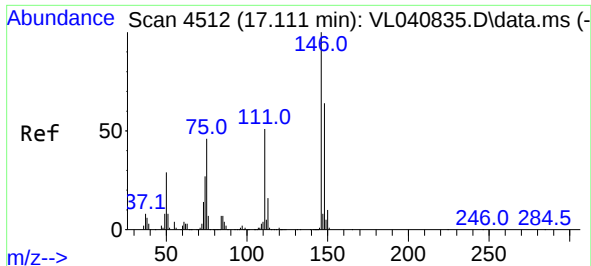
Tgt Ion:146 Resp: 1700536
Ion Ratio Lower Upper
146 100
111 48.7 24.9 74.8
148 64.0 32.1 96.5



#76
1,4-Dichlorobenzene
Concen: 7.956 ppbv
RT: 16.452 min Scan# 4307
Delta R.T. -0.013 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Tgt Ion:146 Resp: 1646146
Ion Ratio Lower Upper
146 100
111 48.9 24.1 72.4
148 65.9 32.3 96.9

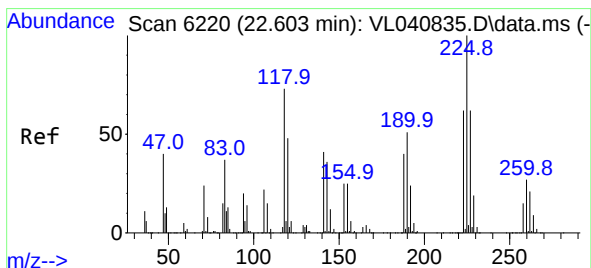
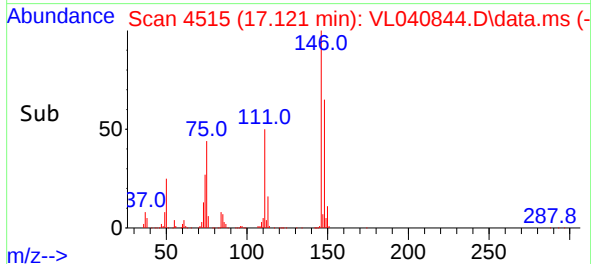
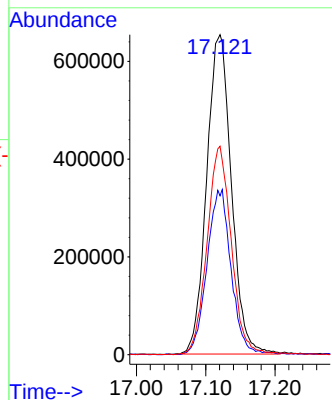
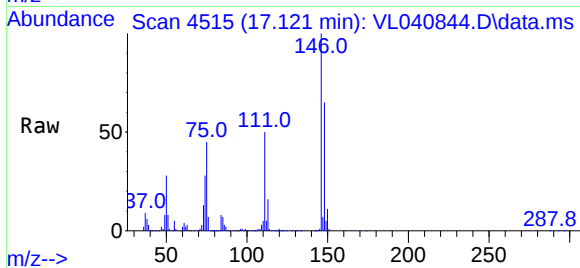




#77
1,2-Dichlorobenzene
Concen: 7.700 ppbv
RT: 17.121 min Scan# 4515
Delta R.T. -0.013 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

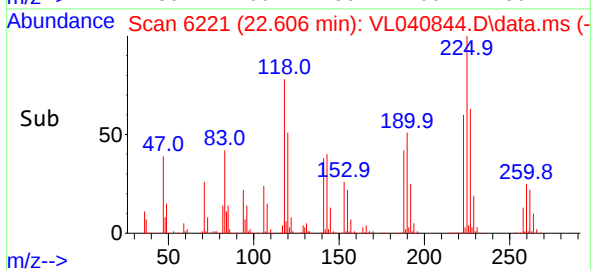
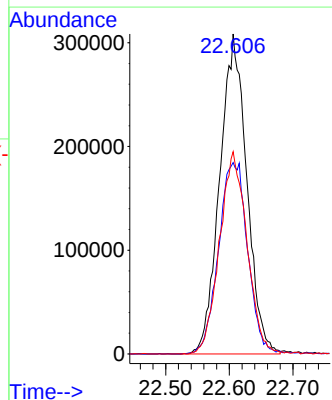
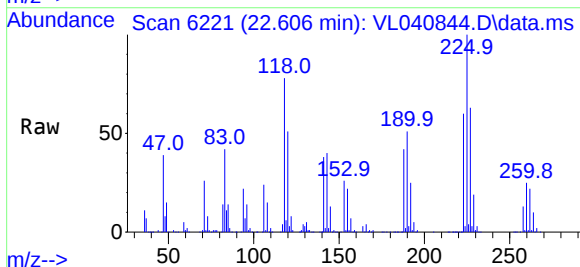
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

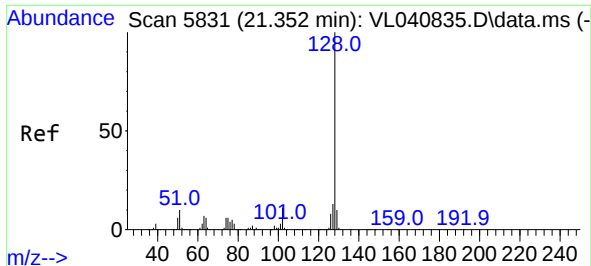
Tgt Ion:146 Resp: 1617964
Ion Ratio Lower Upper
146 100
111 50.8 25.7 77.1
148 64.4 32.3 96.9



#78
Hexachloro-1,3-Butadiene
Concen: 6.910 ppbv
RT: 22.606 min Scan# 6221
Delta R.T. -0.019 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Tgt Ion:225 Resp: 909073
Ion Ratio Lower Upper
225 100
223 64.9 51.1 76.7
227 64.3 50.8 76.2

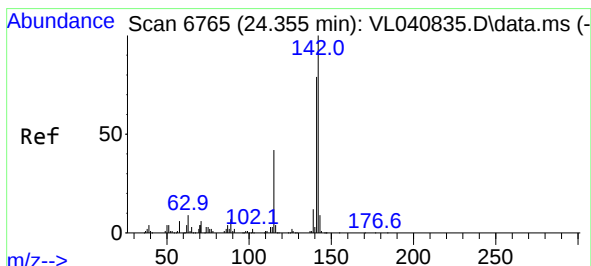
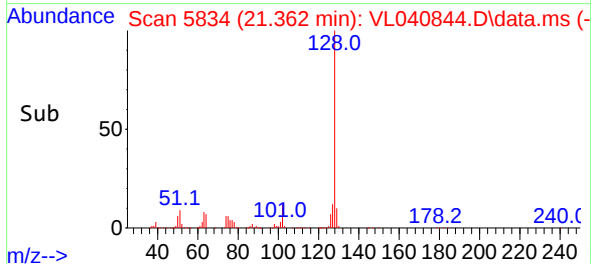
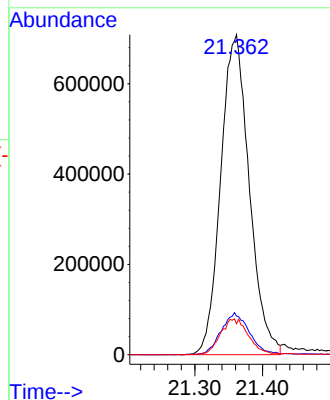
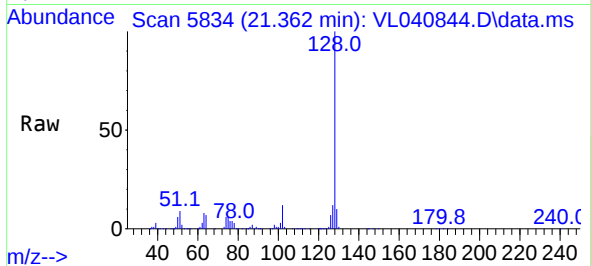




#79
Naphthalene
Concen: 10.294 ppbv
RT: 21.362 min Scan# 5834
Delta R.T. -0.016 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

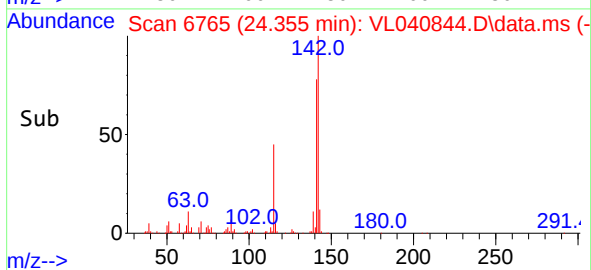
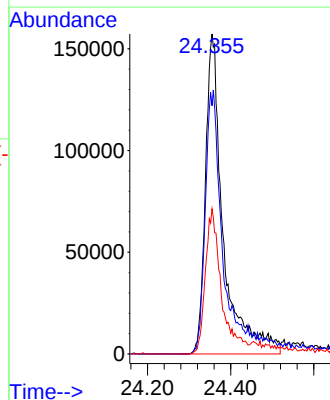
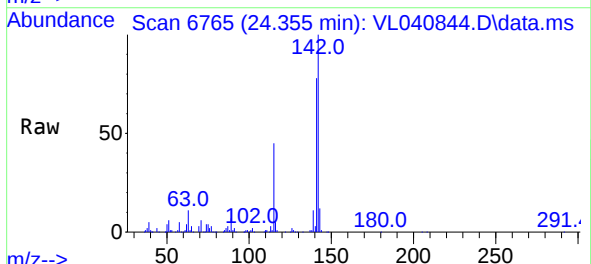
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

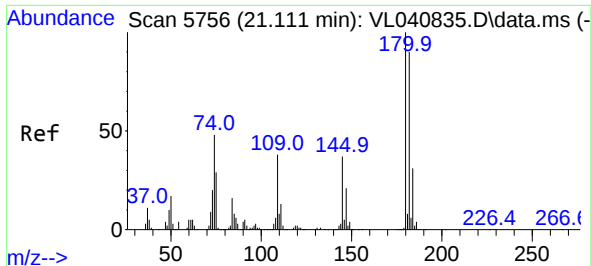
Tgt Ion:128 Resp: 2070689
Ion Ratio Lower Upper
128 100
127 12.1 10.0 15.0
129 9.7 8.3 12.5



#80
Naphthalene,2-methyl-
Concen: 13.212 ppbv
RT: 24.355 min Scan# 6765
Delta R.T. -0.019 min
Lab File: VL040844.D
Acq: 14 Nov 2023 9:54

Tgt Ion:142 Resp: 469142
Ion Ratio Lower Upper
142 100
141 87.8 65.8 98.8
115 41.0 35.6 53.4





#81

1,2,4-Trichlorobenzene

Concen: 8.542 ppbv

RT: 21.117 min Scan# 51

Delta R.T. -0.010 min

Lab File: VL040844.D

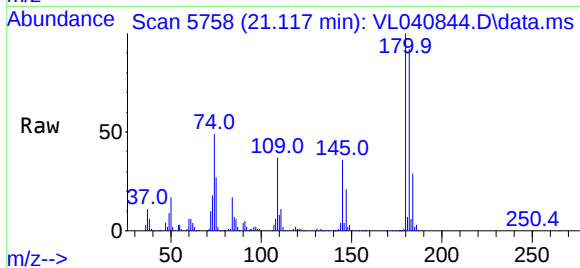
Acq: 14 Nov 2023 9:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 1044598

Ion	Ratio	Lower	Upper
180	100		
182	96.7	77.6	116.4
184	31.3	24.2	36.2

