

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111323\
 Data File : VL040835.D
 Acq On : 13 Nov 2023 10:45
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Quant Time: Nov 22 00:30:17 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	5.172	49	1194114	10.000	ppbv	-0.04
33) 1,4-Difluorobenzene	6.632	114	3025657	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.439	117	2993306	10.000	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.748	95	2287523	9.761	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.722	85	2130115	8.799	ppbv	100
3) Chlorodifluoromethane	2.668	51	1683842	8.832	ppbv	100
4) Chloromethane	2.851	50	238779	3.483	ppbv #	44
5) Vinyl Chloride	2.912	62	636111	9.329	ppbv	100
6) Bromomethane	3.111	94	236726	9.095	ppbv	100
7) Chloroethane	3.189	64	218993	9.275	ppbv	100
8) Dichlorotetrafluoroethane	2.851	85	1557938	8.913	ppbv	100
9) Propene	2.687	41	577271	8.984	ppbv	100
10) Heptane	7.555	43	1454059	9.199	ppbv	100
11) Trichlorofluoromethane	3.549	101	1669999	8.978	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.054	101	1197091	9.060	ppbv	100
13) Ethanol	3.240	45	20243	1.623	ppbv #	100
14) Bromoethene	3.356	108	499886	9.405	ppbv	100
15) Acetone	3.459	43	1102317	8.667	ppbv	100
16) 1,3-Butadiene	2.976	39	613972	9.542	ppbv	100
17) tert-Butyl alcohol	3.867	59	947397	8.711	ppbv	100
18) 1,1-Dichloroethene	3.867	96	525357	8.920	ppbv	100
19) Isopropyl Alcohol	3.565	45	690282	9.019	ppbv	100
20) Methylene Chloride	3.918	84	421066	8.023	ppbv	100
21) Allyl Chloride	3.983	41	764981	9.399	ppbv	99
22) trans-1,2-Dichloroethene	4.433	96	609645	9.121	ppbv	100
23) Vinyl Acetate	4.610	43	1654191	10.073	ppbv	100
24) 1,1-Dichloroethane	4.549	63	1396068	9.538	ppbv	100
25) Ethyl Acetate	5.185	43	2438361	9.260	ppbv	100
26) Hexane	5.195	57	1058240	9.080	ppbv	100
27) Carbon Disulfide	4.108	76	1396966	9.452	ppbv	100
28) Methyl tert-Butyl Ether	4.571	73	1018593	9.664	ppbv	100
29) Chloroform	5.256	83	1798880	9.107	ppbv	100
30) Cyclohexane	6.581	84	920025	9.176	ppbv	100
31) cis-1,2-Dichloroethene	5.060	61	1129413	9.793	ppbv	100
32) 1,1,1-Trichloroethane	5.986	97	1776147	9.638	ppbv	100
34) 2-Butanone	4.767	43	1547984	10.043	ppbv	100
35) Carbon Tetrachloride	6.471	117	1875956	10.106	ppbv	100
36) Benzene	6.349	78	2277855	9.276	ppbv	100
37) 1,2-Dichloroethane	5.787	62	1380103	9.529	ppbv	100
38) Trichloroethene	7.269	130	865252	9.065	ppbv	100
39) 1,2-Dichloropropane	7.050	63	900044	9.244	ppbv	100
40) 1,4-Dioxane	7.262	88	329235	8.522	ppbv #	99
41) Tetrahydrofuran	5.539	42	935616	9.859	ppbv	100
42) Bromodichloromethane	7.227	83	2003369	9.666	ppbv	100
43) Methyl Methacrylate	7.452	69	939444	10.039	ppbv	100
44) 2,2,4-Trimethylpentane	7.304	57	3774014	9.252	ppbv	100
45) t-1,3-Dichloropropene	8.687	75	601451	10.938	ppbv	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.118	75	756595	10.611	ppbv	100
47) 1,1,2-Trichloroethane	8.873	97	946829	9.281	ppbv	100
48) Dibromochloromethane	9.687	129	1693421	10.003	ppbv	100
49) Bromoform	12.378	173	1318852	10.358	ppbv	100
50) 4-Methyl-2-Pentanone	8.156	43	2363261	9.907	ppbv	100
51) 2-Hexanone	9.523	43	1753361	10.427	ppbv #	100
52) Tetrachloroethene	10.590	164	783363	9.473	ppbv	100
53) Toluene	9.198	91	2596578	9.609	ppbv	100
54) 1,2-Dibromoethane	9.983	107	1312340	9.995	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.481	131	1183790	9.240	ppbv	98
57) Chlorobenzene	11.497	112	1983342	8.939	ppbv	100
58) Ethyl Benzene	12.063	91	3520752	9.015	ppbv	100
59) m/p-Xylene	12.346	91	3472140	10.440	ppbv #	52
60) o-Xylene	13.031	91	2784914	8.796	ppbv	100
61) Styrene	12.870	104	1465242	9.596	ppbv	100
62) Isopropylbenzene	14.002	105	4119988	8.808	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.021	83	2010077	8.958	ppbv	99
64) n-propylbenzene	14.892	120	1070915	9.135	ppbv	100
65) tert-Butylbenzene	16.063	119	3526751	8.942	ppbv	100
66) Benzyl Chloride	16.304	91	66342	4.565	ppbv #	58
67) sec-Butylbenzene	16.609	105	4974353	8.829	ppbv	100
69) p-Isopropyltoluene	16.969	119	4029604	8.969	ppbv	100
70) n-Butylbenzene	17.860	91	4214429	8.884	ppbv	100
71) 2-Chlorotoluene	14.773	91	3183113	8.927	ppbv	100
72) 4-Ethyltoluene	15.166	105	3233399	9.290	ppbv	99
73) 1,3,5-Trimethylbenzene	15.326	105	2777256	9.023	ppbv	100
74) 1,2,4-Trimethylbenzene	16.079	105	3008396	8.758	ppbv	100
75) 1,3-Dichlorobenzene	16.304	146	1693597	8.929	ppbv	100
76) 1,4-Dichlorobenzene	16.445	146	1676012	9.230	ppbv	100
77) 1,2-Dichlorobenzene	17.111	146	1618441	8.776	ppbv	99
78) Hexachloro-1,3-Butadiene	22.603	225	926924	8.027	ppbv	100
79) Naphthalene	21.352	128	1935083	10.960	ppbv	100
80) Naphthalene,2-methyl-	24.355	142	341422	10.955	ppbv	100
81) 1,2,4-Trichlorobenzene	21.111	180	1021392	9.516	ppbv	100

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

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ClientSampleId :
VSTDICCC010

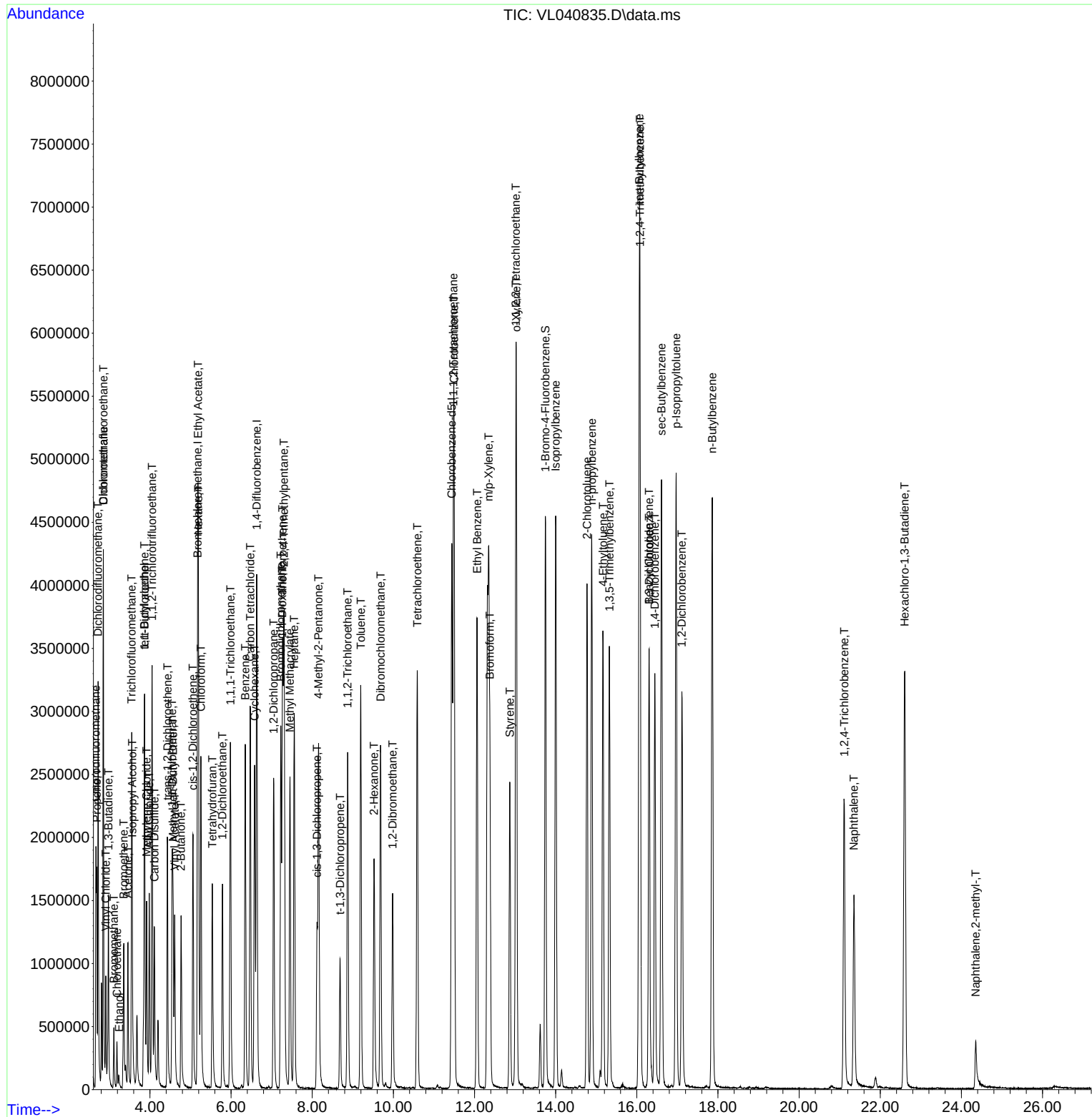
Quant Time: Nov 22 00:30:17 2023

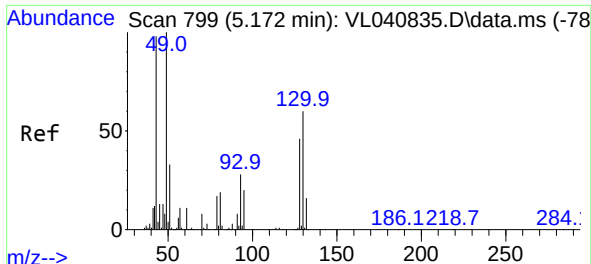
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

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Response via : Initial Calibration

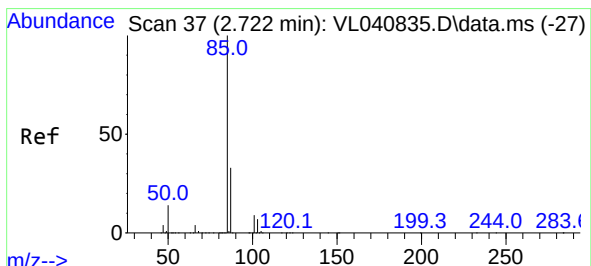
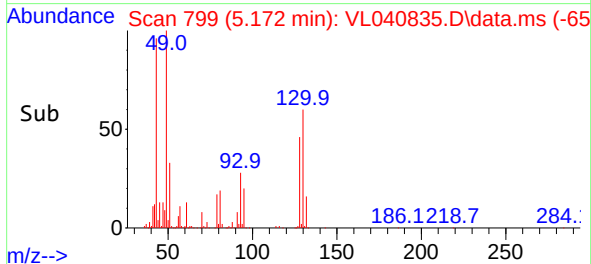
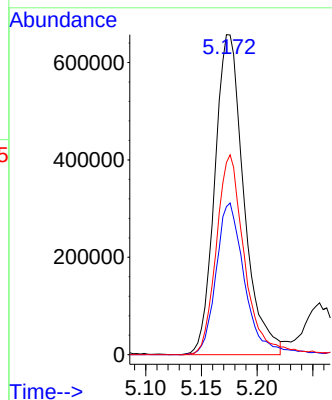
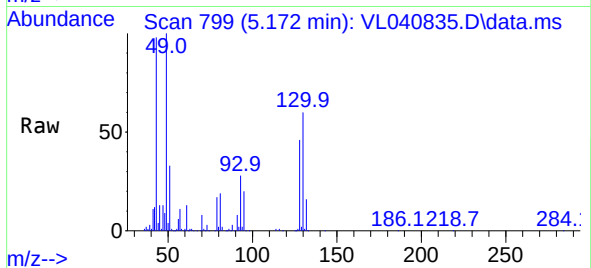




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.172 min Scan# 799
Delta R.T. -0.039 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

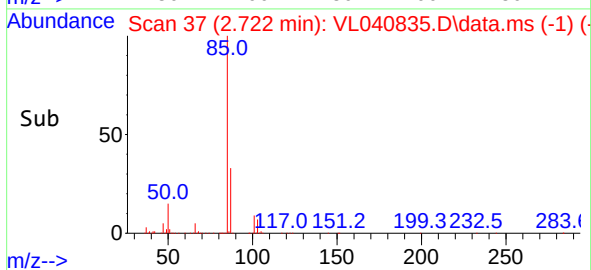
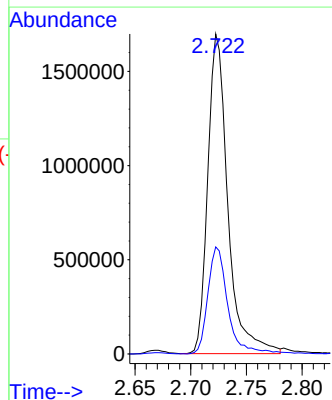
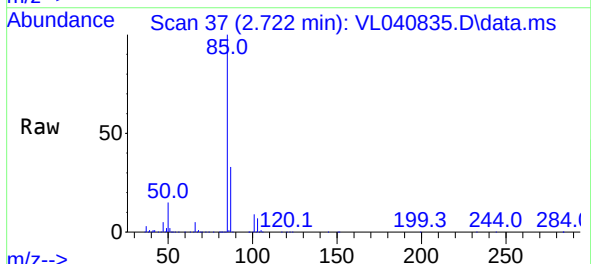
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

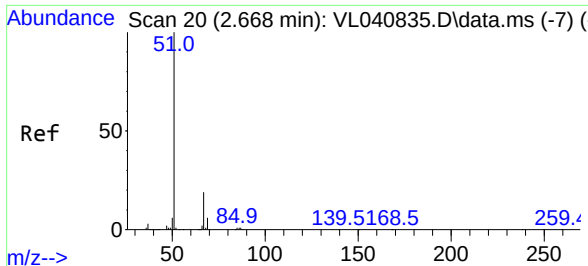
Tgt Ion: 49 Resp: 1194114
Ion Ratio Lower Upper
49 100
128 47.5 23.8 71.2
130 61.9 30.9 92.8



#2
Dichlorodifluoromethane
Concen: 8.799 ppbv
RT: 2.722 min Scan# 37
Delta R.T. -0.052 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Tgt Ion: 85 Resp: 2130115
Ion Ratio Lower Upper
85 100
87 33.4 26.7 40.1

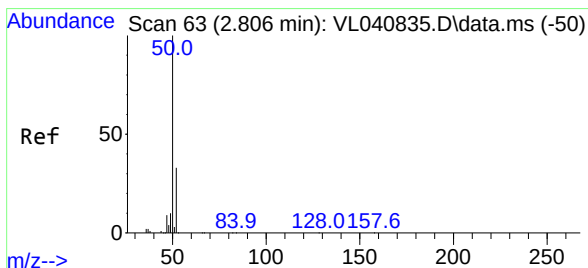
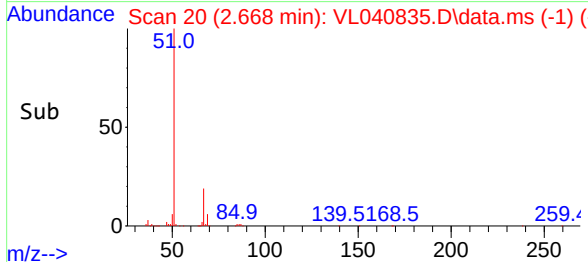
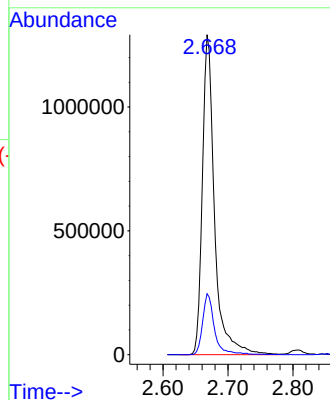
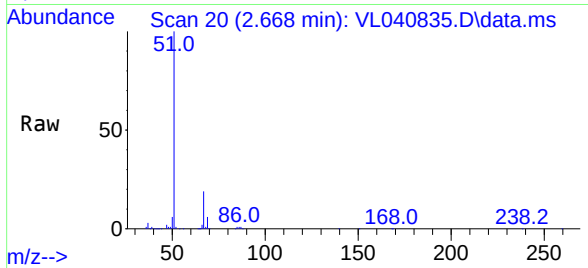




#3
Chlorodifluoromethane
Concen: 8.832 ppbv
RT: 2.668 min Scan# 20
Delta R.T. -0.052 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

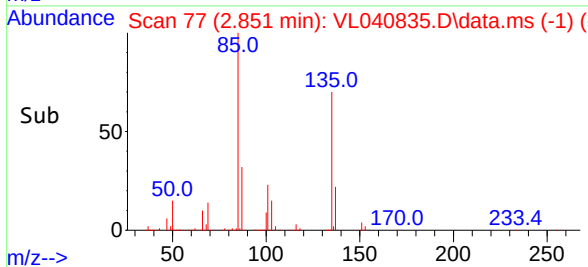
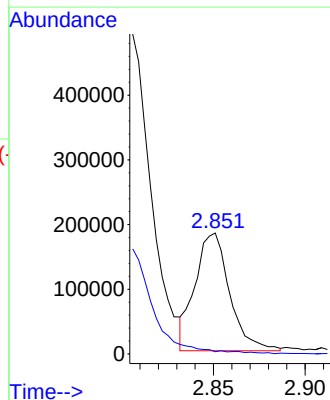
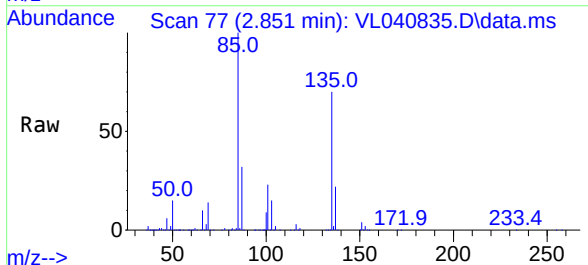
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

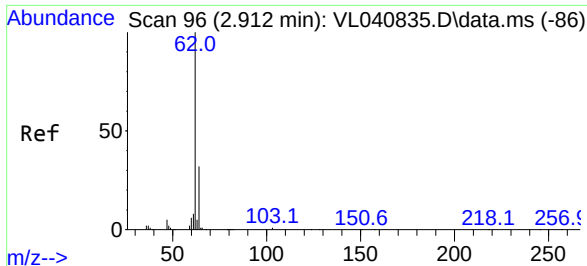
Tgt Ion: 51 Resp: 1683842
Ion Ratio Lower Upper
51 100
67 18.7 15.0 22.4



#4
Chloromethane
Concen: 3.483 ppbv
RT: 2.851 min Scan# 77
Delta R.T. -0.003 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Tgt Ion: 50 Resp: 238779
Ion Ratio Lower Upper
50 100
52 1.2 26.5 39.7#

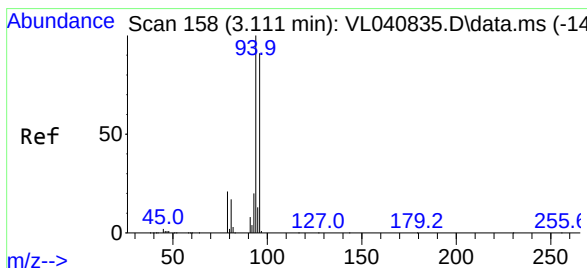
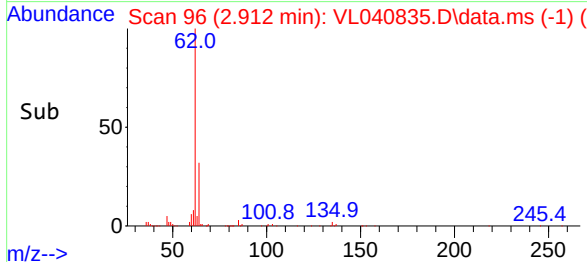
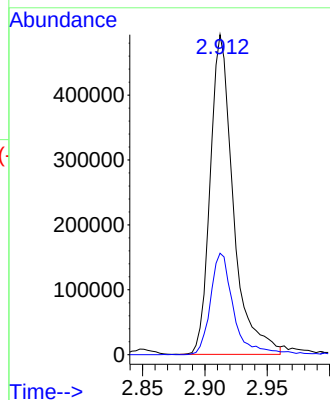
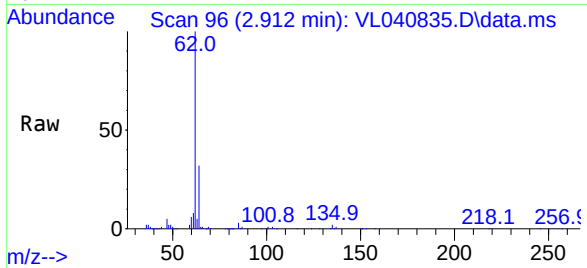




#5
 Vinyl Chloride
 Concen: 9.329 ppbv
 RT: 2.912 min Scan# 96
 Delta R.T. -0.048 min
 Lab File: VL040835.D
 Acq: 13 Nov 2023 10:45

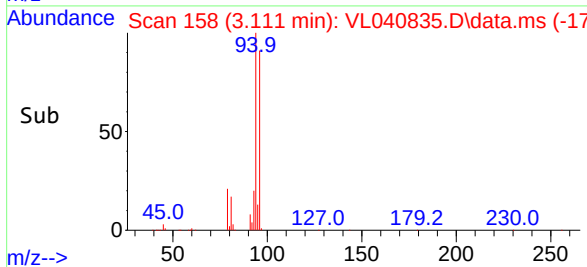
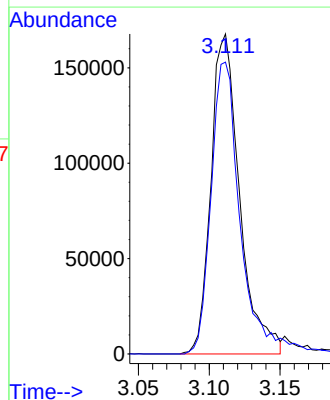
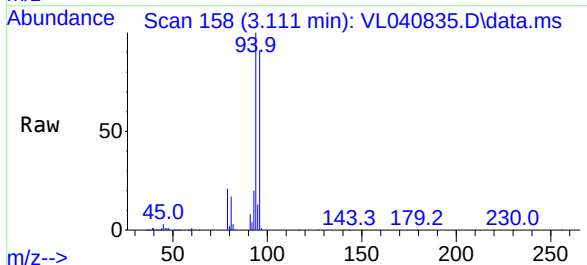
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

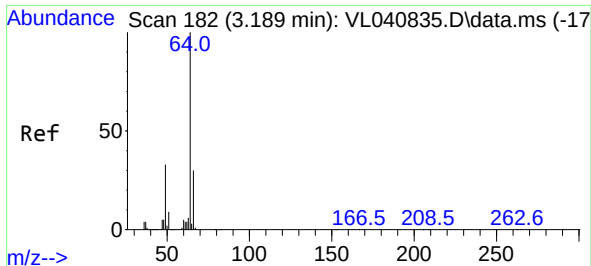
Tgt Ion: 62 Resp: 636111
 Ion Ratio Lower Upper
 62 100
 64 31.8 25.4 38.2



#6
 Bromomethane
 Concen: 9.095 ppbv
 RT: 3.111 min Scan# 158
 Delta R.T. -0.045 min
 Lab File: VL040835.D
 Acq: 13 Nov 2023 10:45

Tgt Ion: 94 Resp: 236726
 Ion Ratio Lower Upper
 94 100
 96 91.2 73.0 109.4

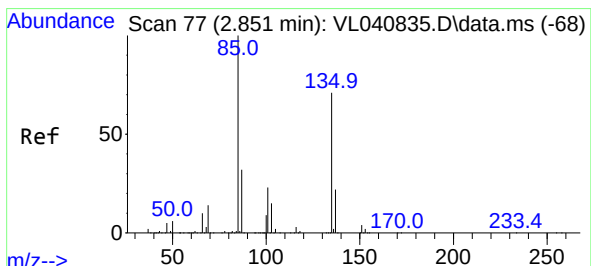
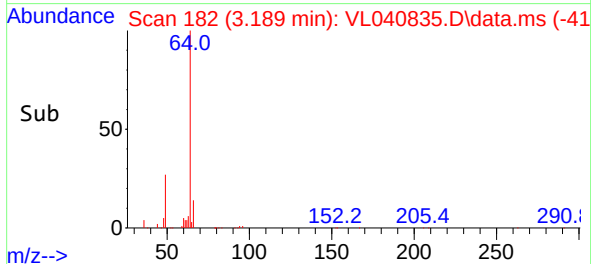
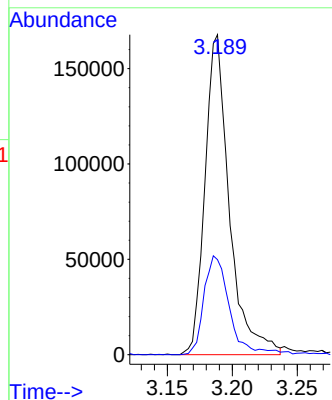
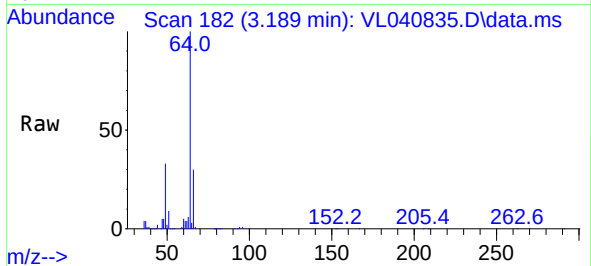




#7
Chloroethane
Concen: 9.275 ppbv
RT: 3.189 min Scan# 11
Delta R.T. -0.045 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

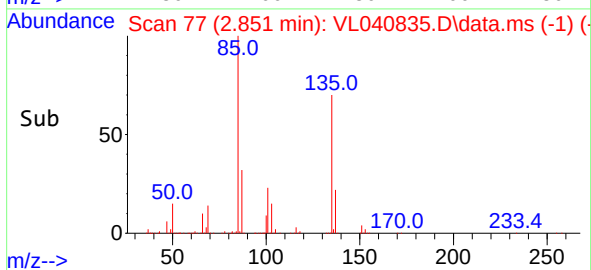
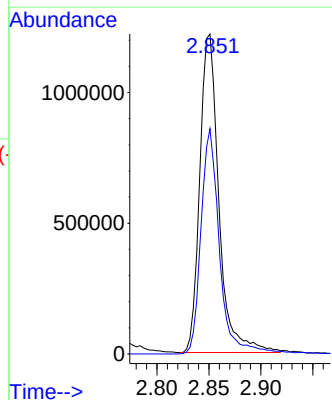
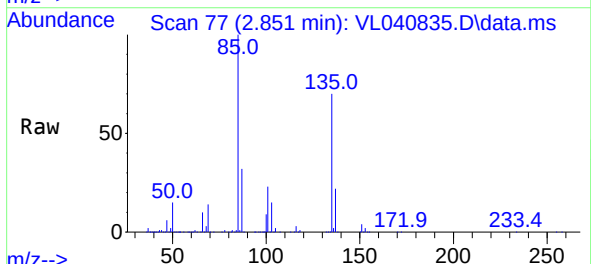
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 64 Resp: 218993
Ion Ratio Lower Upper
64 100
66 29.7 23.8 35.6

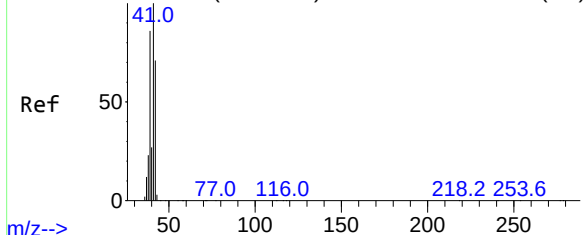


#8
Dichlorotetrafluoroethane
Concen: 8.913 ppbv
RT: 2.851 min Scan# 77
Delta R.T. -0.048 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Tgt Ion: 85 Resp: 1557938
Ion Ratio Lower Upper
85 100
135 69.1 55.3 82.9



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



#9

Propene

Concen: 8.984 ppbv

RT: 2.687 min Scan# 20

Delta R.T. -0.052 min

Lab File: VL040835.D

Acq: 13 Nov 2023 10:45

Instrument :

MSVOA_L

ClientSampleId :

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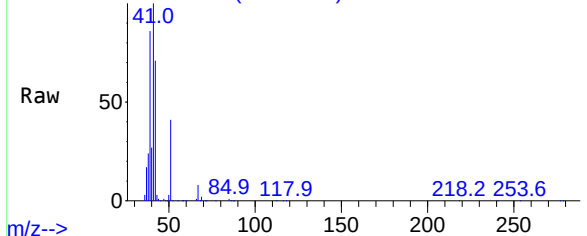
Tgt Ion: 41 Resp: 577271

Ion Ratio Lower Upper

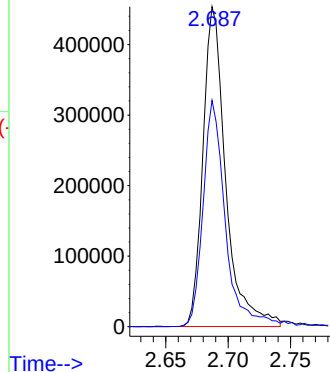
41 100

42 70.6 56.5 84.7

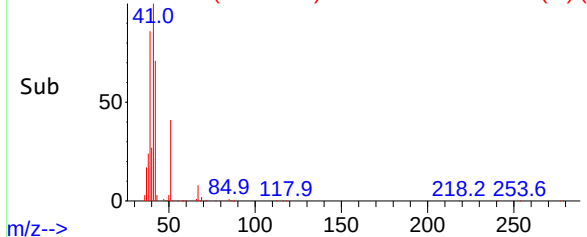
Abundance Scan 26 (2.687 min): VL040835.D\data.ms



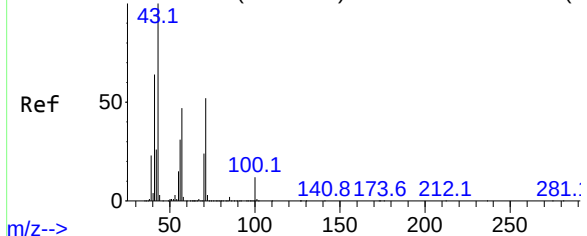
Abundance



Abundance Scan 26 (2.687 min): VL040835.D\data.ms (-1)



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



#10

Heptane

Concen: 9.199 ppbv

RT: 7.555 min Scan# 1540

Delta R.T. -0.032 min

Lab File: VL040835.D

Acq: 13 Nov 2023 10:45

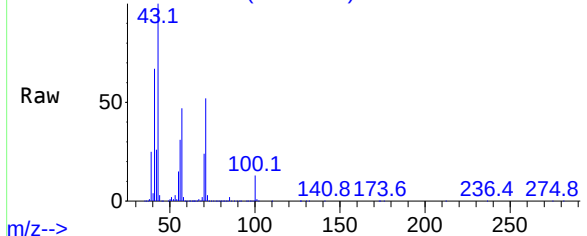
Tgt Ion: 43 Resp: 1454059

Ion Ratio Lower Upper

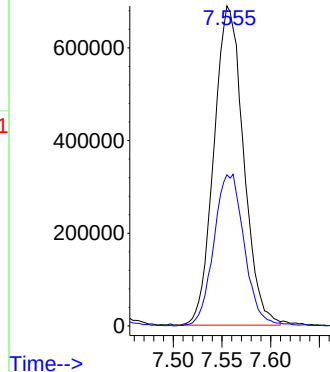
43 100

57 49.3 39.4 59.0

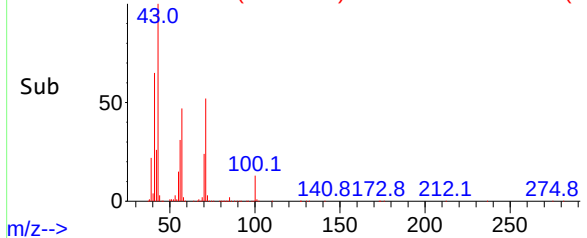
Abundance Scan 1540 (7.555 min): VL040835.D\data.ms

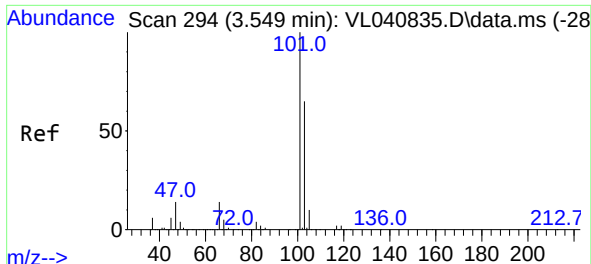


Abundance



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

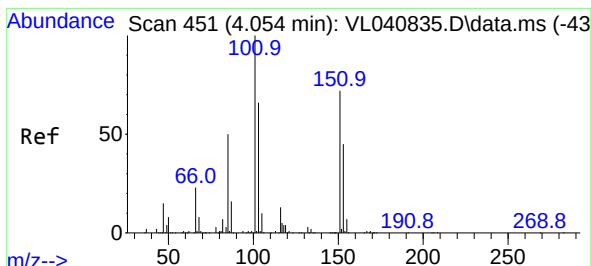
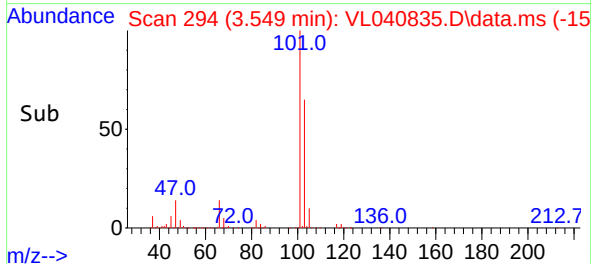
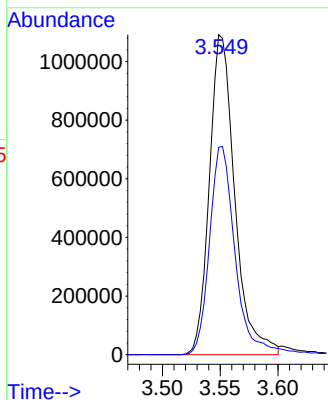
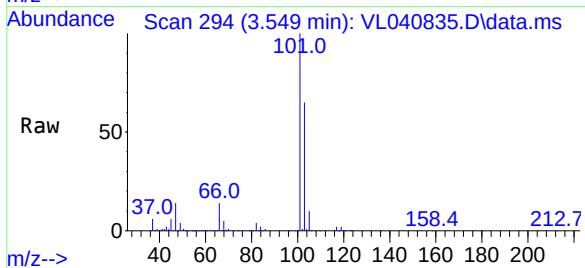




#11
Trichlorofluoromethane
Concen: 8.978 ppbv
RT: 3.549 min Scan# 294
Delta R.T. -0.045 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

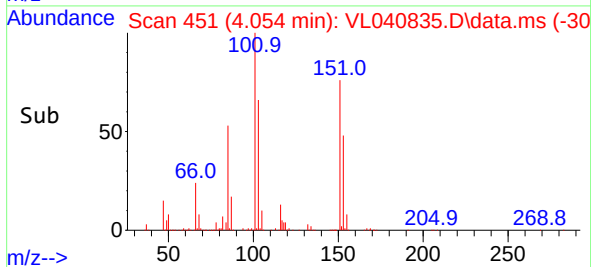
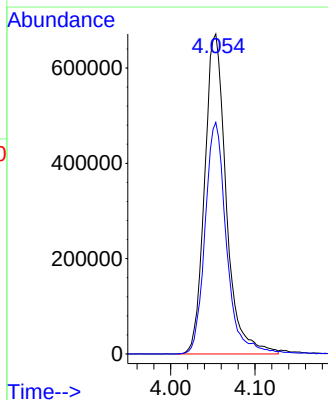
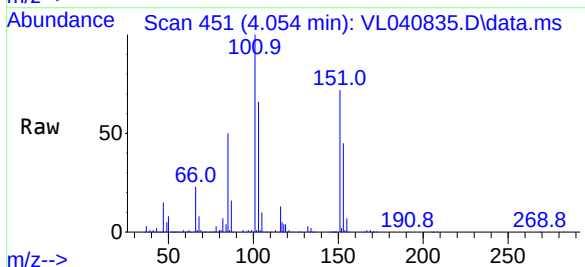
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

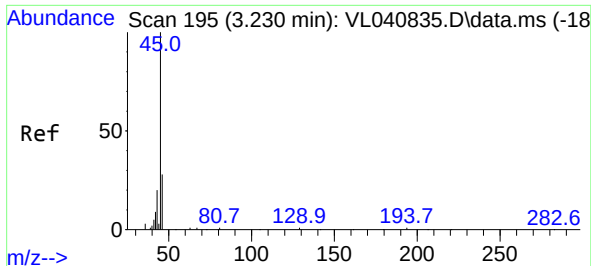
Tgt Ion:101 Resp: 1669999
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.8



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.060 ppbv
RT: 4.054 min Scan# 451
Delta R.T. -0.042 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Tgt Ion:101 Resp: 1197091
Ion Ratio Lower Upper
101 100
151 72.2 57.8 86.6

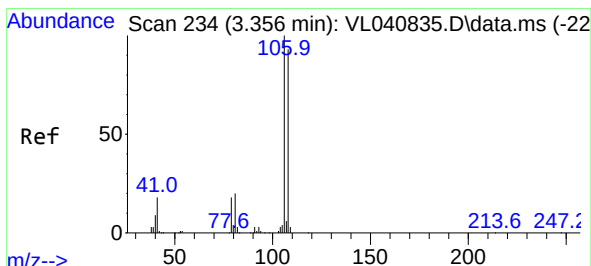
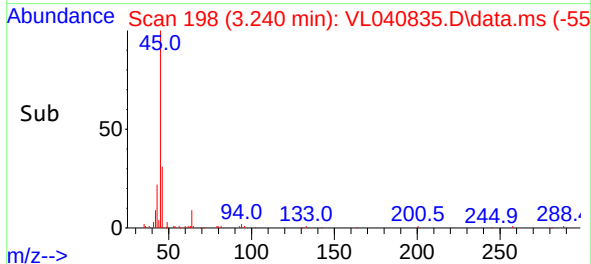
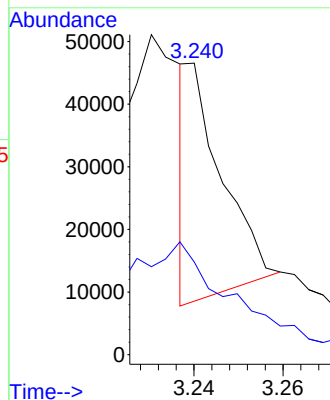
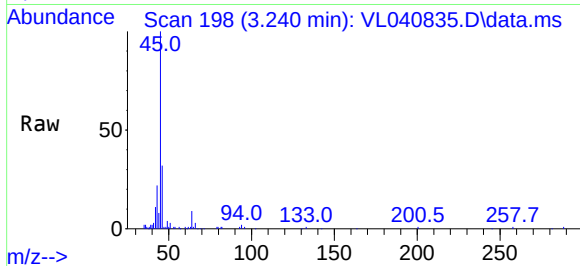




#13
Ethanol
Concen: 1.623 ppbv
RT: 3.240 min Scan# 195
Delta R.T. -0.039 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

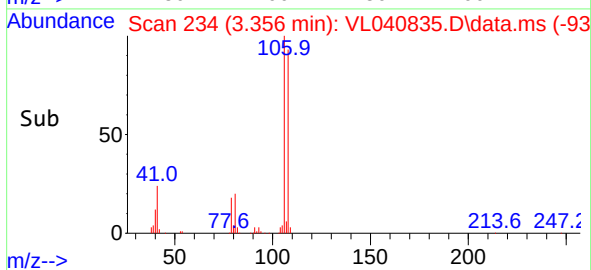
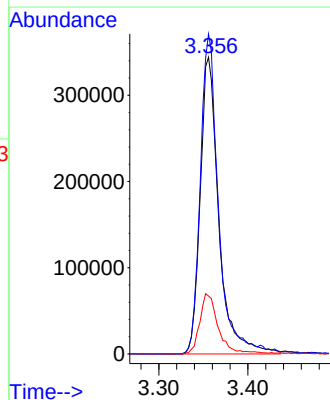
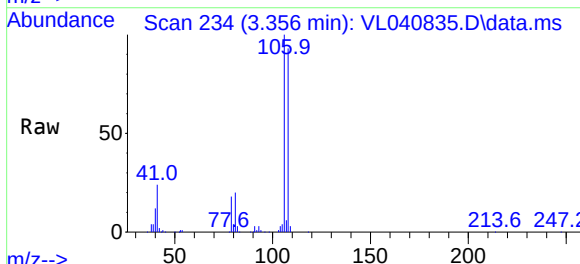
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

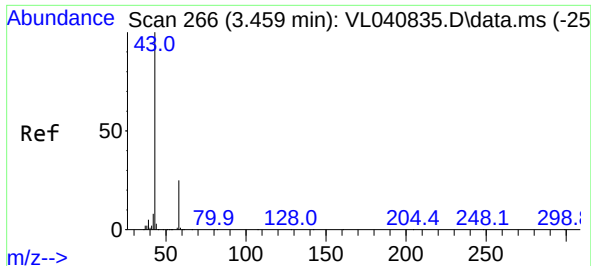
Tgt Ion: 45 Resp: 20243
Ion Ratio Lower Upper
45 100
46 174.3 0.0 0.0#



#14
Bromoethene
Concen: 9.405 ppbv
RT: 3.356 min Scan# 234
Delta R.T. -0.045 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Tgt Ion: 108 Resp: 499886
Ion Ratio Lower Upper
108 100
106 106.9 85.4 128.2
79 20.6 16.7 25.1

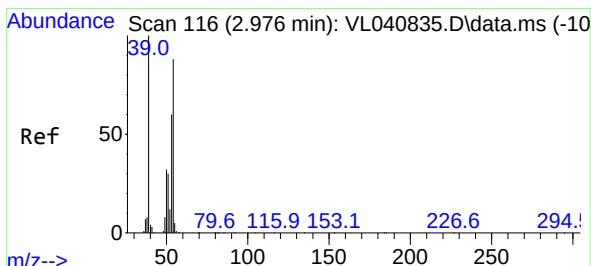
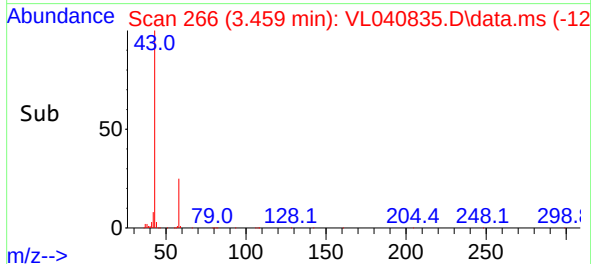
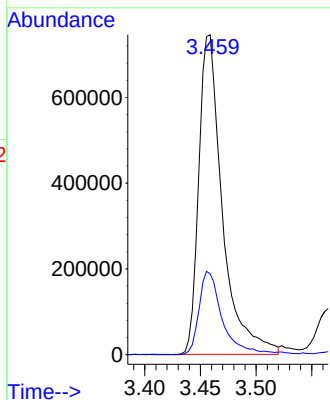
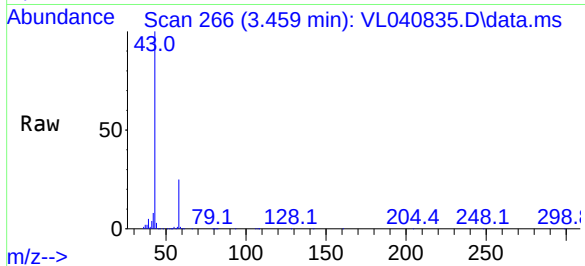




#15
Acetone
Concen: 8.667 ppbv
RT: 3.459 min Scan# 20
Delta R.T. -0.042 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

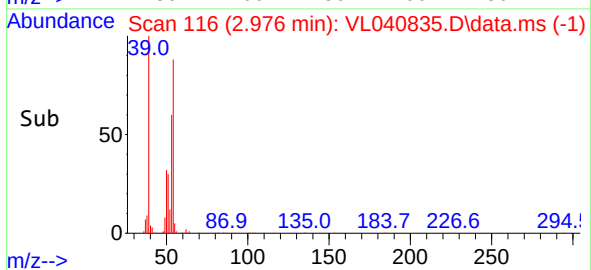
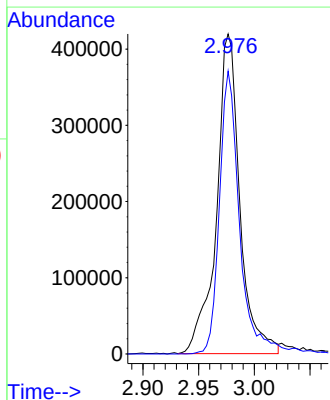
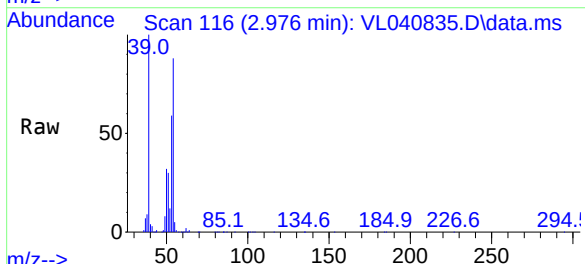
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

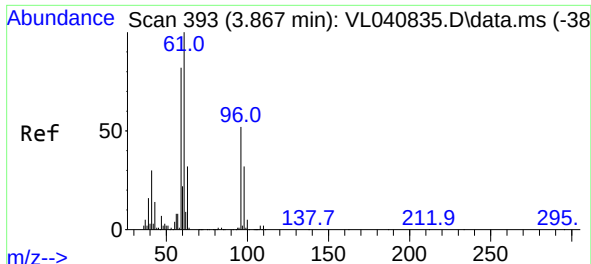
Tgt Ion: 43 Resp: 1102317
Ion Ratio Lower Upper
43 100
58 26.1 20.9 31.3



#16
1,3-Butadiene
Concen: 9.542 ppbv
RT: 2.976 min Scan# 116
Delta R.T. -0.048 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Tgt Ion: 39 Resp: 613972
Ion Ratio Lower Upper
39 100
54 77.2 61.8 92.6

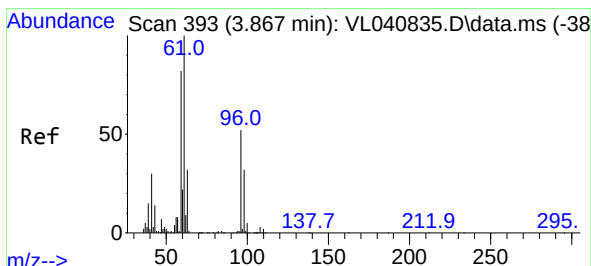
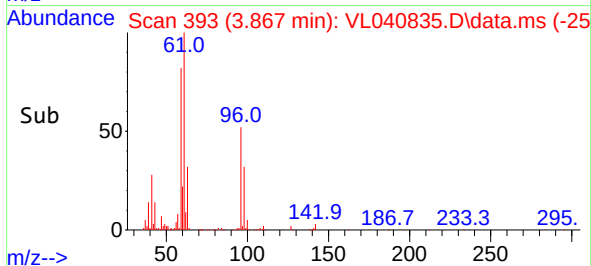
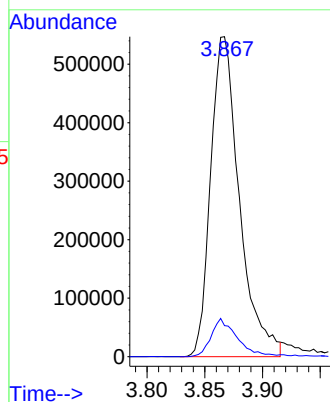
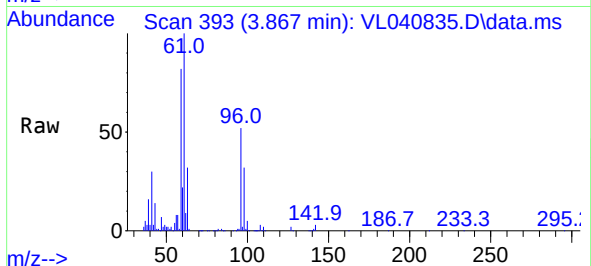




#17
tert-Butyl alcohol
Concen: 8.711 ppbv
RT: 3.867 min Scan# 393
Delta R.T. -0.042 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

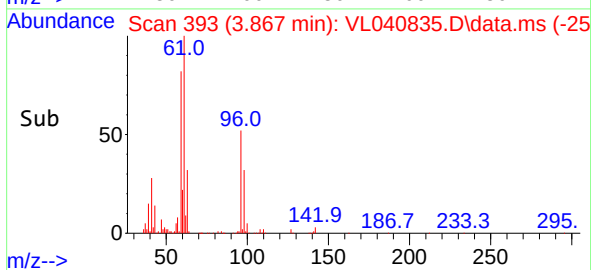
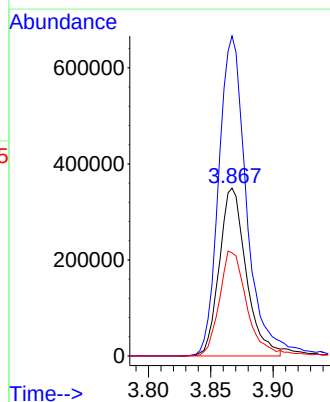
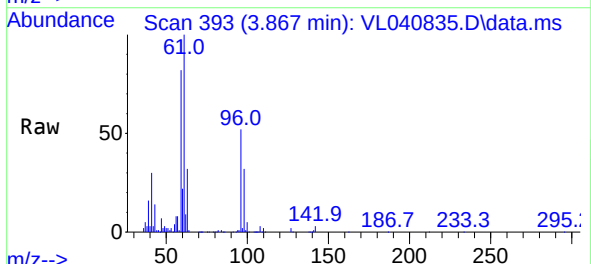
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

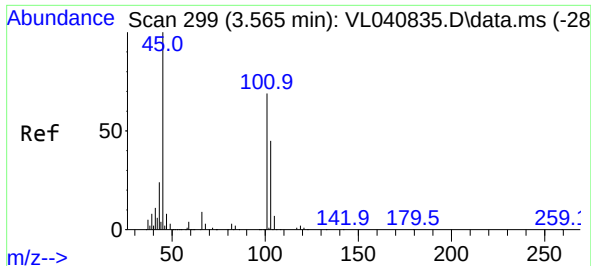
Tgt Ion: 59 Resp: 947397
Ion Ratio Lower Upper
59 100
57 11.2 9.0 13.4



#18
1,1-Dichloroethene
Concen: 8.920 ppbv
RT: 3.867 min Scan# 393
Delta R.T. -0.045 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Tgt Ion: 96 Resp: 525357
Ion Ratio Lower Upper
96 100
61 190.7 152.6 228.8
98 61.5 49.2 73.8

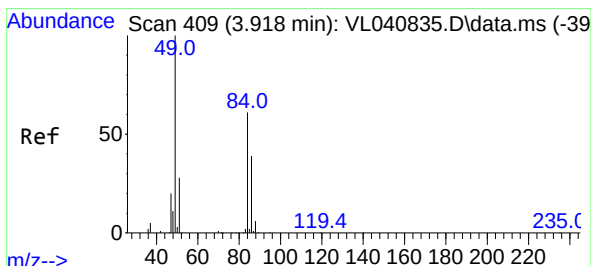
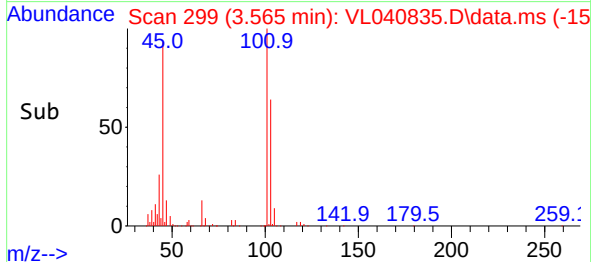
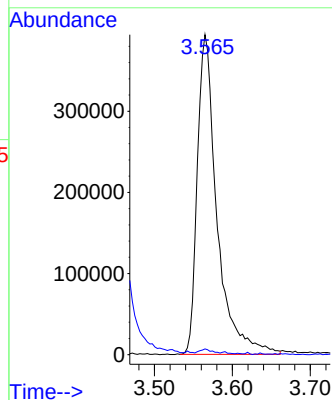
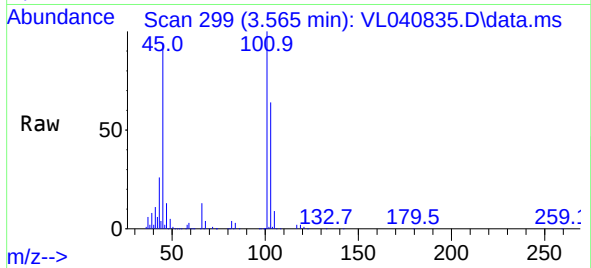




#19
Isopropyl Alcohol
Concen: 9.019 ppbv
RT: 3.565 min Scan# 299
Delta R.T. -0.045 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

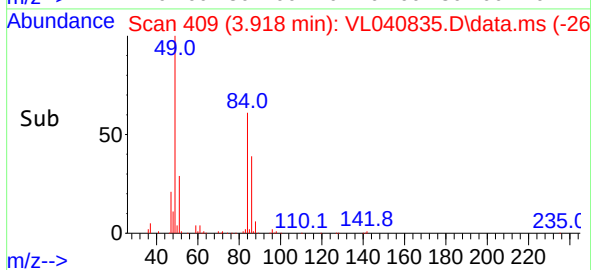
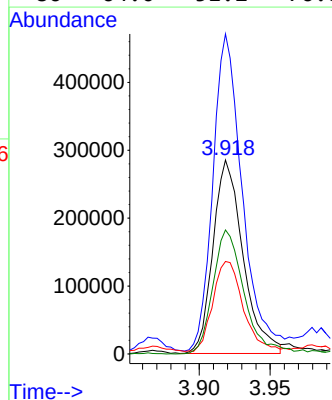
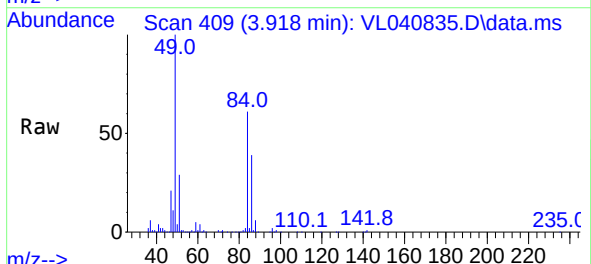
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

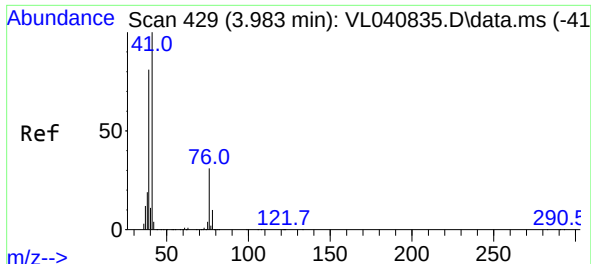
Tgt Ion: 45 Resp: 690282
Ion Ratio Lower Upper
45 100
58 2.0 1.6 2.4



#20
Methylene Chloride
Concen: 8.023 ppbv
RT: 3.918 min Scan# 409
Delta R.T. -0.045 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Tgt Ion: 84 Resp: 421066
Ion Ratio Lower Upper
84 100
49 163.7 131.0 196.4
51 46.1 36.9 55.3
86 64.0 51.2 76.8

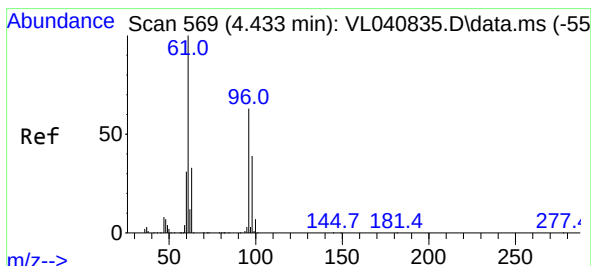
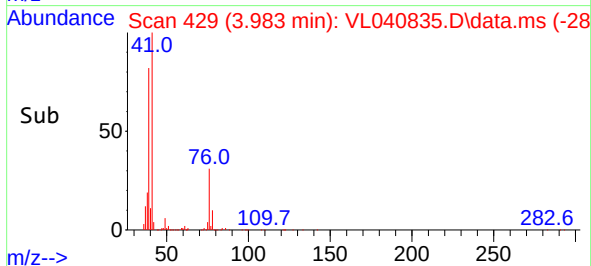
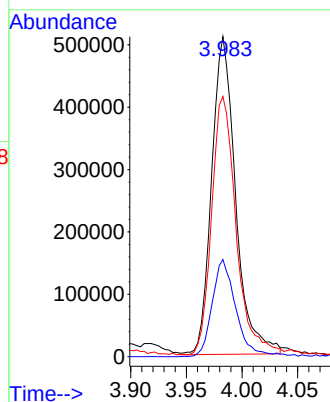
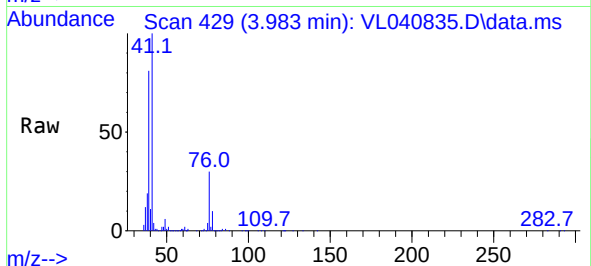




#21
 Allyl Chloride
 Concen: 9.399 ppbv
 RT: 3.983 min Scan# 41
 Delta R.T. -0.042 min
 Lab File: VL040835.D
 Acq: 13 Nov 2023 10:45

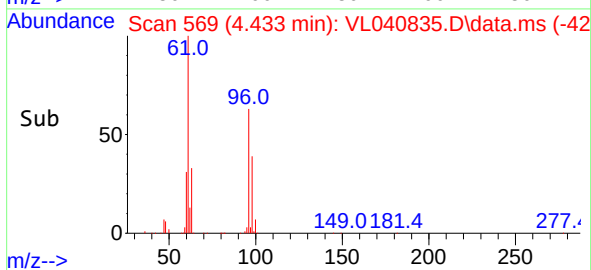
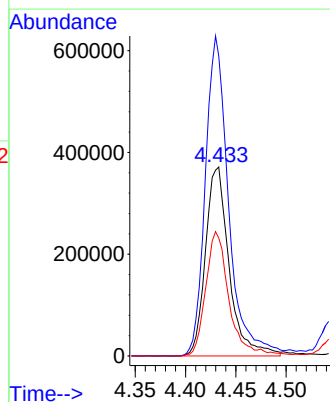
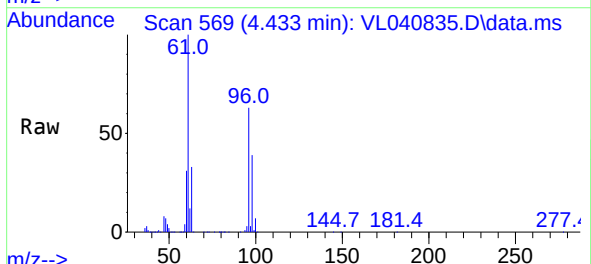
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

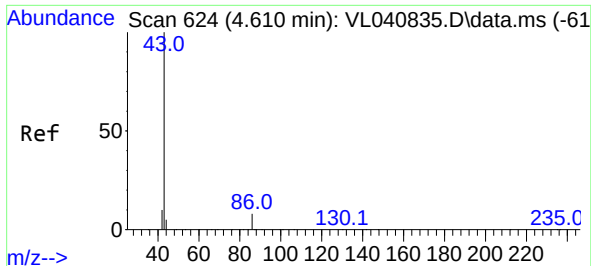
Tgt Ion: 41 Resp: 764981
 Ion Ratio Lower Upper
 41 100
 76 30.4 24.4 36.6
 39 85.8 68.1 102.1



#22
 trans-1,2-Dichloroethene
 Concen: 9.121 ppbv
 RT: 4.433 min Scan# 569
 Delta R.T. -0.036 min
 Lab File: VL040835.D
 Acq: 13 Nov 2023 10:45

Tgt Ion: 96 Resp: 609645
 Ion Ratio Lower Upper
 96 100
 61 158.5 126.8 190.2
 98 62.4 49.9 74.9



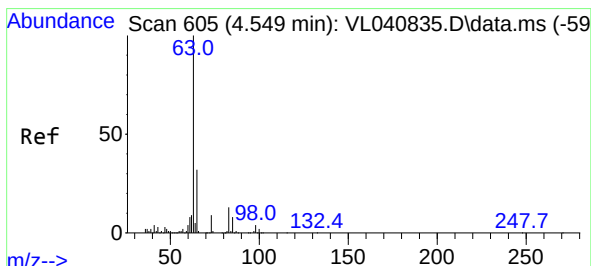
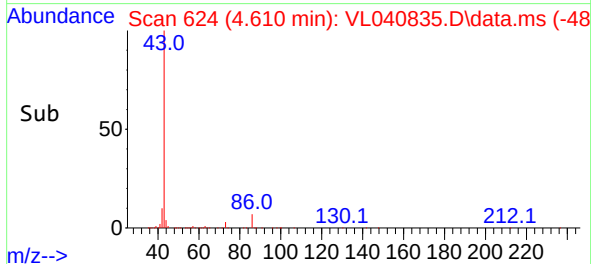
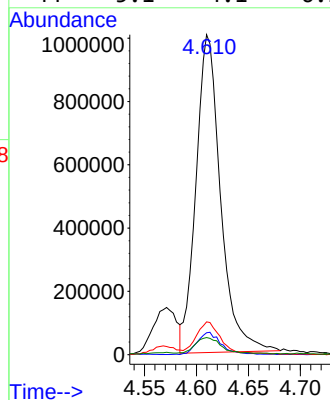
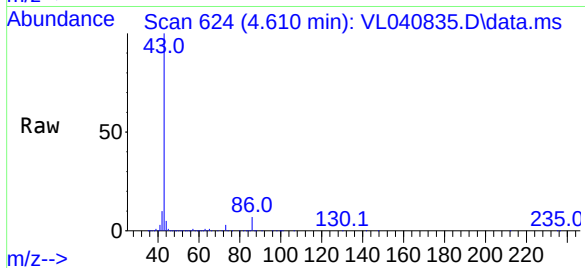


#23
Vinyl Acetate
Concen: 10.073 ppbv
RT: 4.610 min Scan# 61
Delta R.T. -0.039 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 1654191

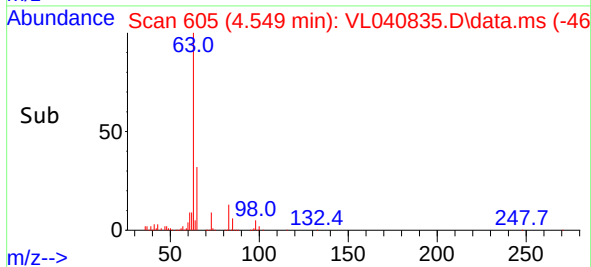
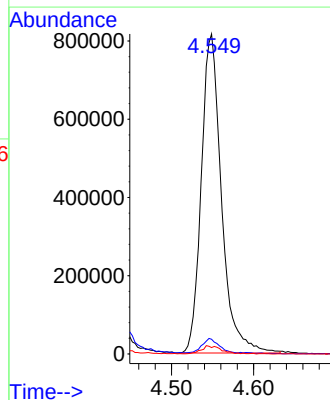
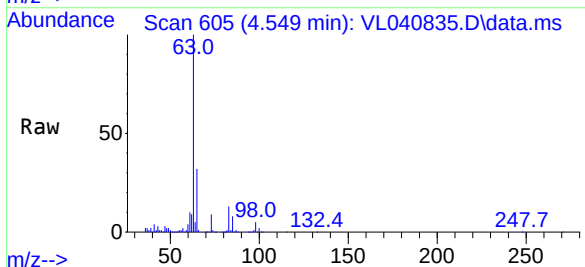
Ion	Ratio	Lower	Upper
43	100		
86	6.9	5.5	8.3
42	10.2	8.2	12.2
44	5.1	4.1	6.1

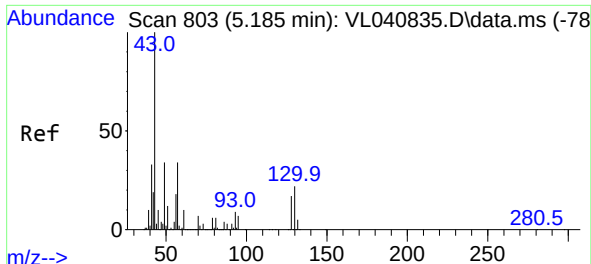


#24
1,1-Dichloroethane
Concen: 9.538 ppbv
RT: 4.549 min Scan# 605
Delta R.T. -0.039 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Tgt Ion: 63 Resp: 1396068

Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.2	6.6
100	2.0	1.0	3.0



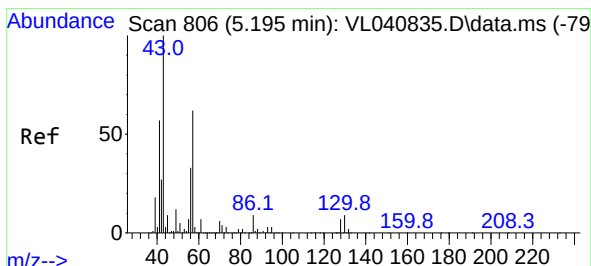
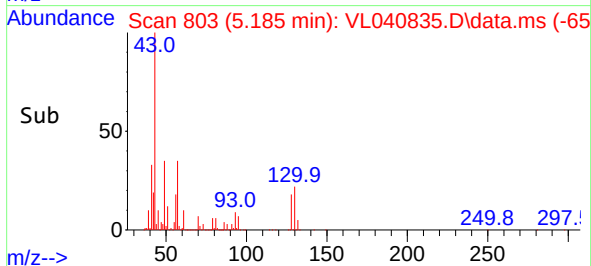
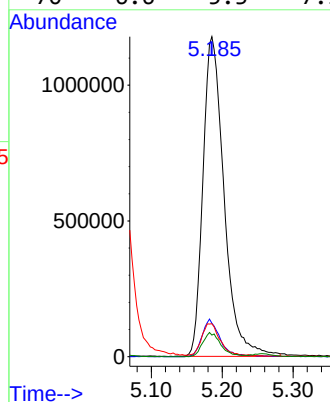
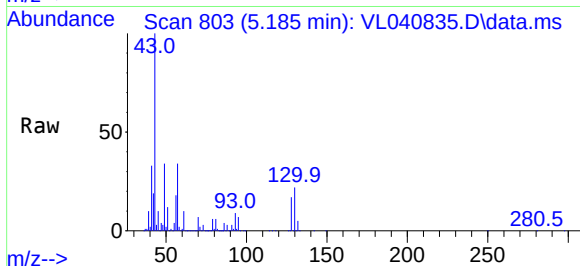


#25
Ethyl Acetate
Concen: 9.260 ppbv
RT: 5.185 min Scan# 803
Delta R.T. -0.036 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 2438361

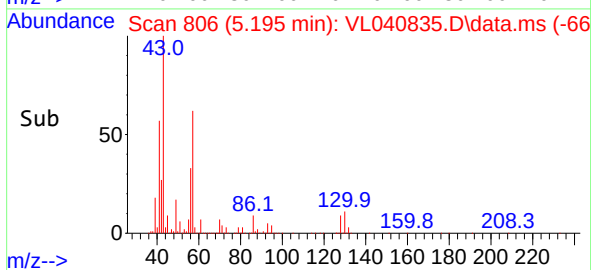
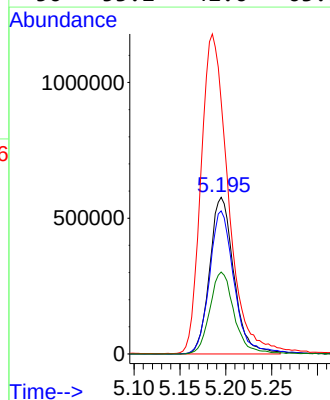
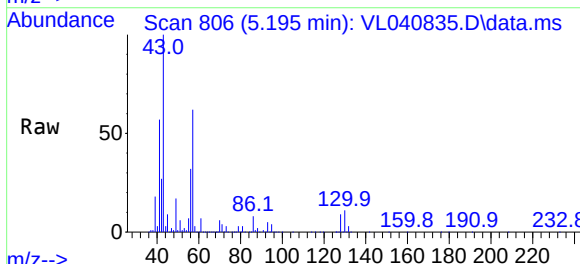
Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.1	12.1
61	9.7	7.8	11.6
70	6.6	5.3	7.9

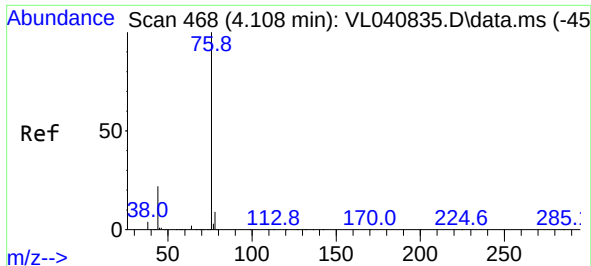


#26
Hexane
Concen: 9.080 ppbv
RT: 5.195 min Scan# 806
Delta R.T. -0.036 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Tgt Ion: 57 Resp: 1058240

Ion	Ratio	Lower	Upper
57	100		
41	94.2	75.4	113.0
43	232.4	185.9	278.9
56	53.2	42.6	63.8

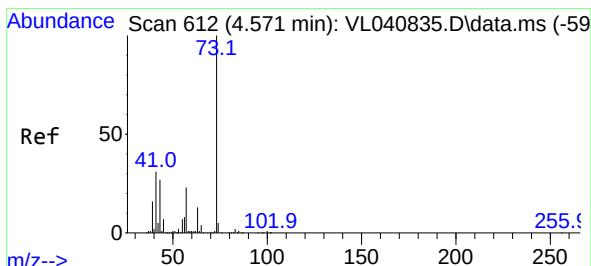
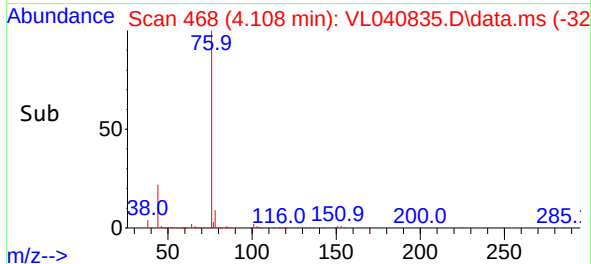
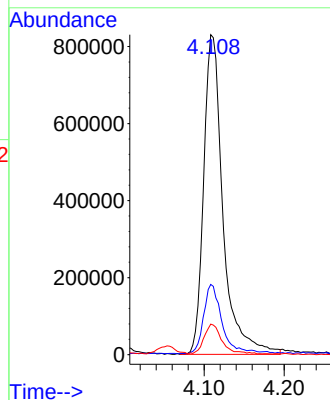
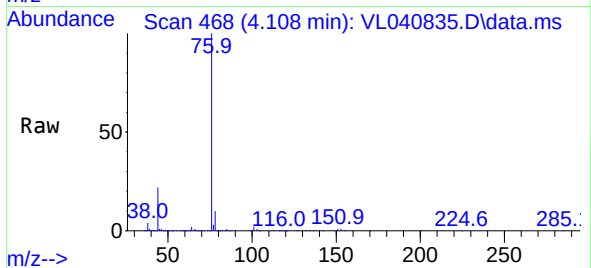




#27
Carbon Disulfide
Concen: 9.452 ppbv
RT: 4.108 min Scan# 468
Delta R.T. -0.045 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

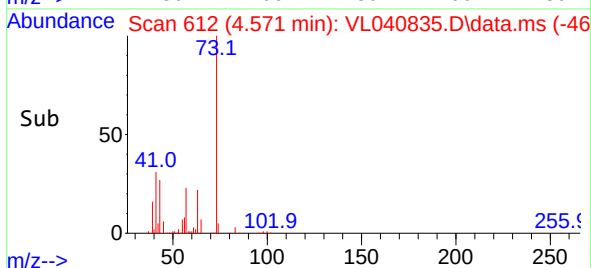
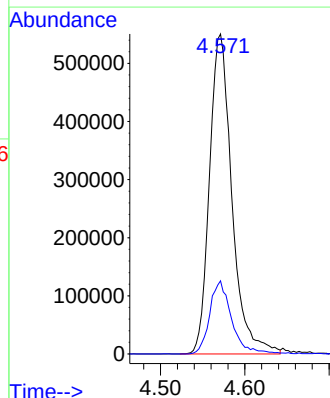
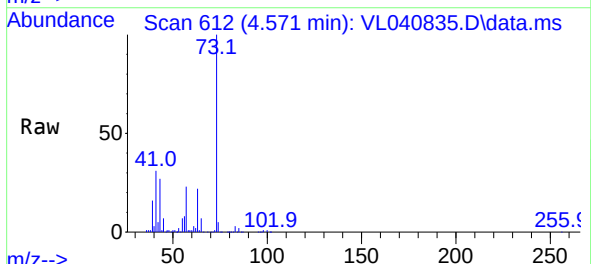
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

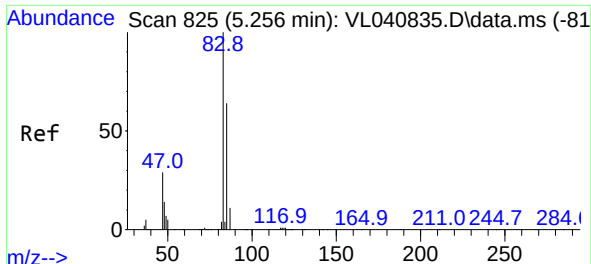
Tgt Ion: 76 Resp: 1396966
Ion Ratio Lower Upper
76 100
44 20.7 16.7 25.1
78 9.6 7.6 11.4



#28
Methyl tert-Butyl Ether
Concen: 9.664 ppbv
RT: 4.571 min Scan# 612
Delta R.T. -0.039 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Tgt Ion: 73 Resp: 1018593
Ion Ratio Lower Upper
73 100
57 22.5 18.0 27.0





#29

Chloroform

Concen: 9.107 ppbv

RT: 5.256 min Scan# 81

Delta R.T. -0.039 min

Lab File: VL040835.D

Acq: 13 Nov 2023 10:45

Instrument :

MSVOA_L

ClientSampleId :

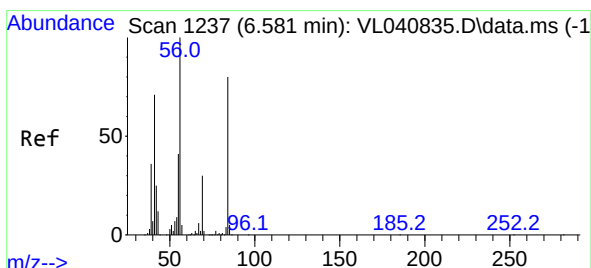
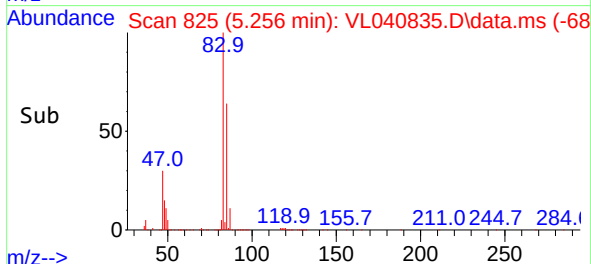
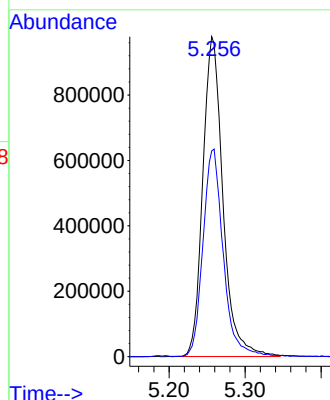
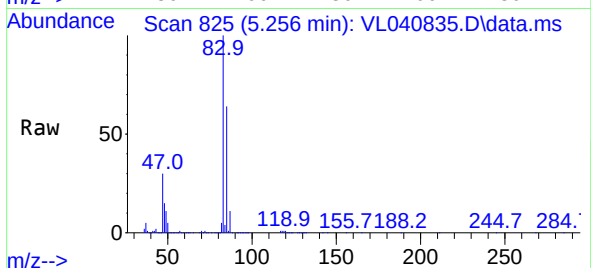
VSTDICCC010

Tgt Ion: 83 Resp: 1798880

Ion Ratio Lower Upper

83 100

85 64.2 51.4 77.0



#30

Cyclohexane

Concen: 9.176 ppbv

RT: 6.581 min Scan# 1237

Delta R.T. -0.032 min

Lab File: VL040835.D

Acq: 13 Nov 2023 10:45

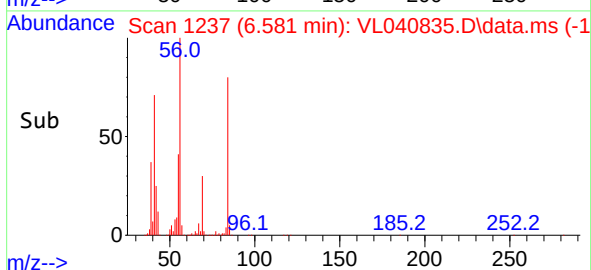
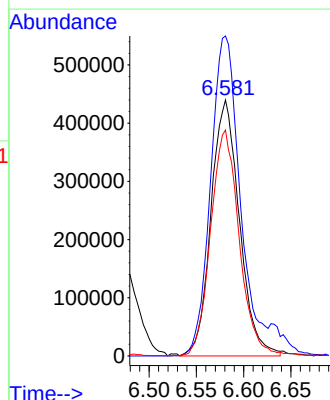
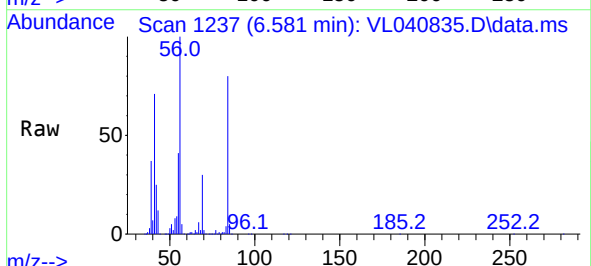
Tgt Ion: 84 Resp: 920025

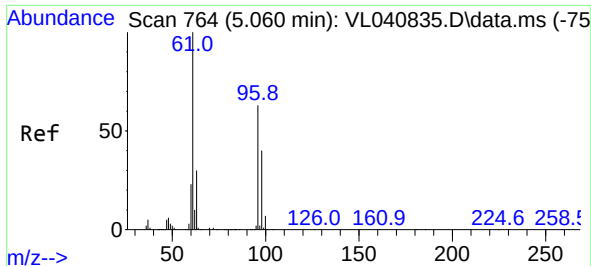
Ion Ratio Lower Upper

84 100

56 136.6 109.3 163.9

41 89.3 71.4 107.2

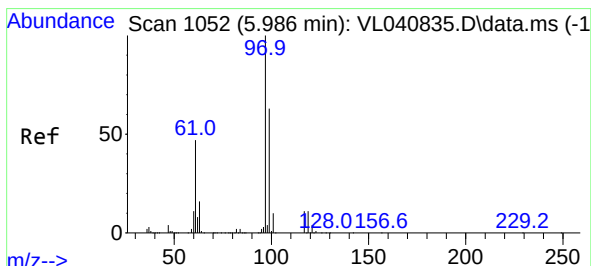
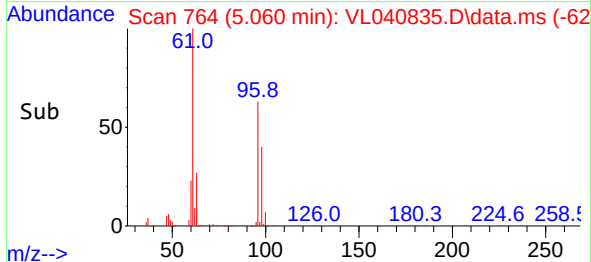
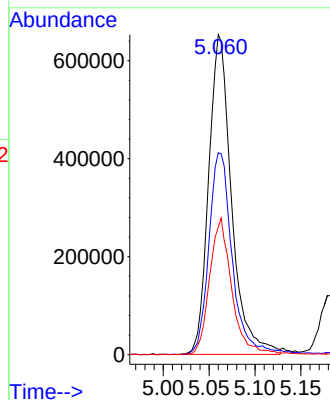
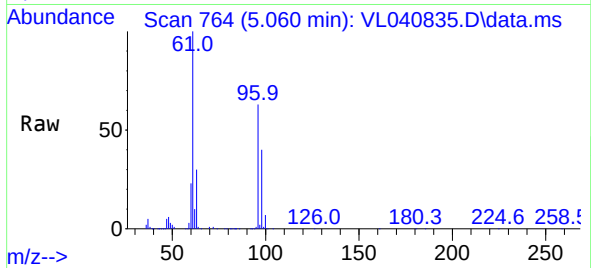




#31
cis-1,2-Dichloroethene
Concen: 9.793 ppbv
RT: 5.060 min Scan# 764
Delta R.T. -0.039 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

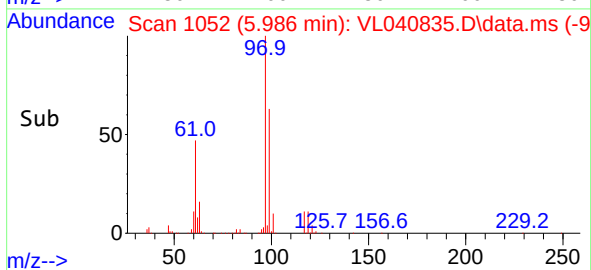
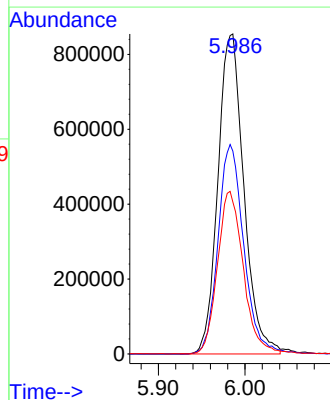
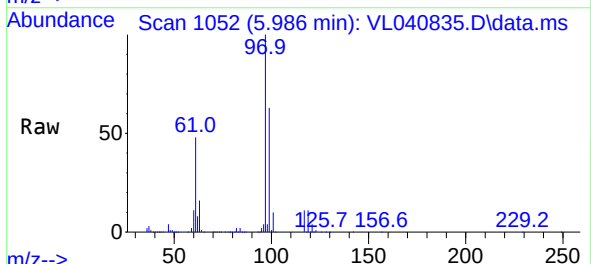
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

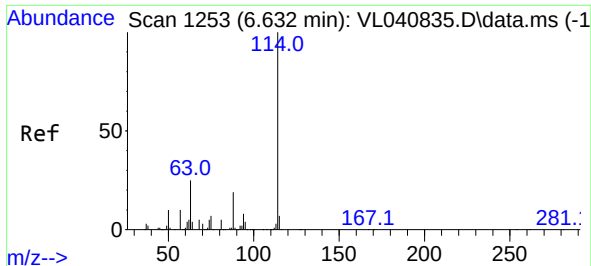
Tgt Ion: 61 Resp: 1129413
Ion Ratio Lower Upper
61 100
96 63.1 50.5 75.7
98 39.9 31.9 47.9



#32
1,1,1-Trichloroethane
Concen: 9.638 ppbv
RT: 5.986 min Scan# 1052
Delta R.T. -0.032 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Tgt Ion: 97 Resp: 1776147
Ion Ratio Lower Upper
97 100
99 65.3 52.2 78.4
61 51.2 41.0 61.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.632 min Scan# 1

Delta R.T. -0.032 min

Lab File: VL040835.D

Acq: 13 Nov 2023 10:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

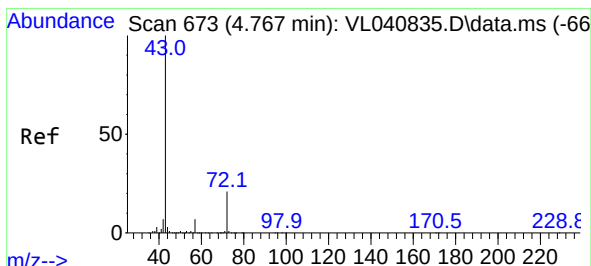
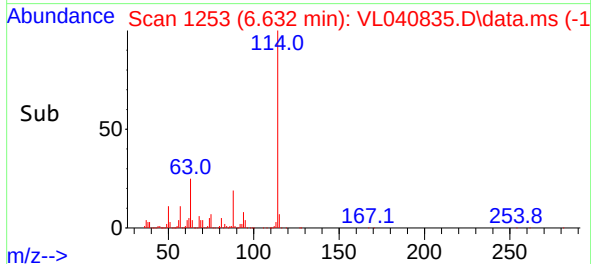
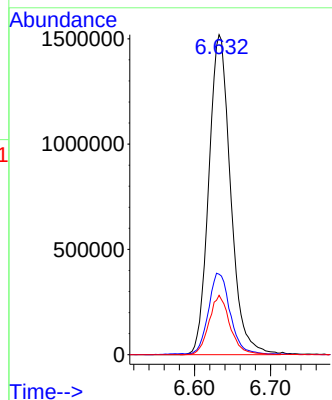
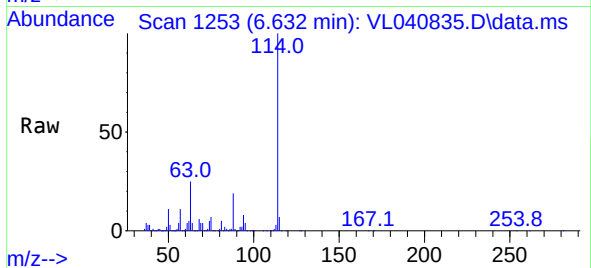
Tgt Ion:114 Resp: 3025657

Ion Ratio Lower Upper

114 100

63 26.0 20.9 31.3

88 18.0 14.3 21.5



#34

2-Butanone

Concen: 10.043 ppbv

RT: 4.767 min Scan# 673

Delta R.T. -0.039 min

Lab File: VL040835.D

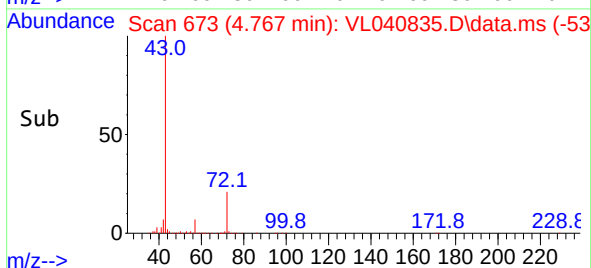
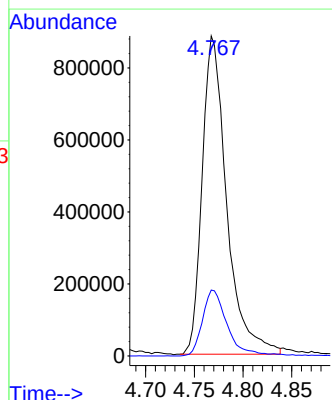
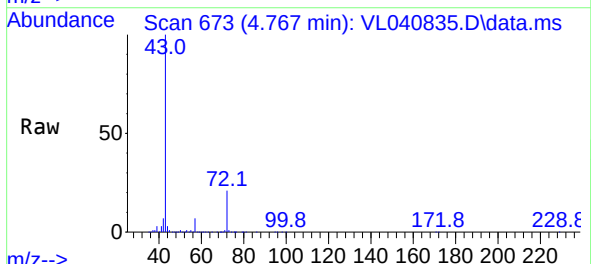
Acq: 13 Nov 2023 10:45

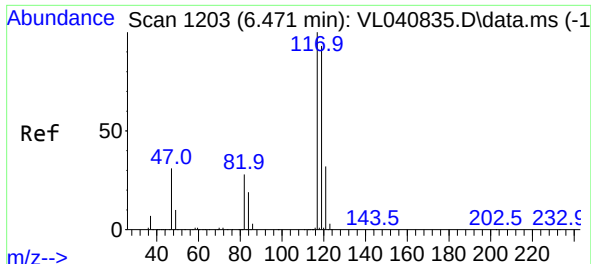
Tgt Ion: 43 Resp: 1547984

Ion Ratio Lower Upper

43 100

72 21.5 17.2 25.8

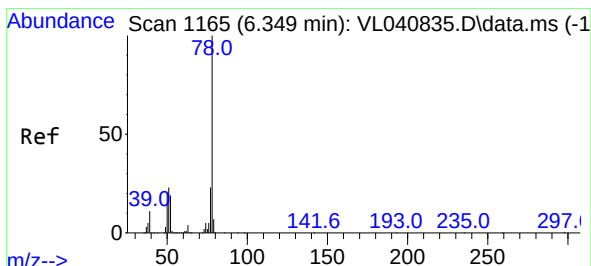
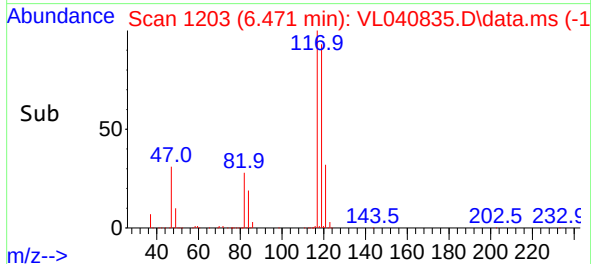
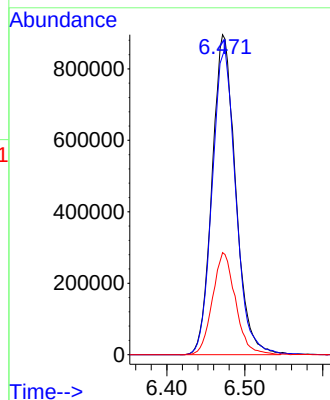
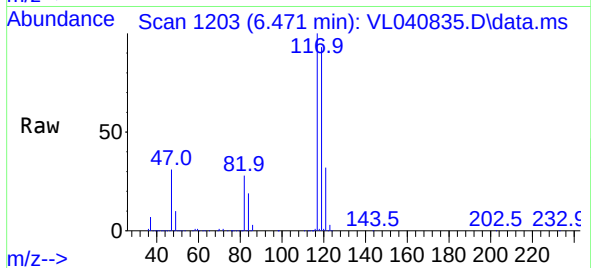




#35
Carbon Tetrachloride
Concen: 10.106 ppbv
RT: 6.471 min Scan# 1165
Delta R.T. -0.036 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

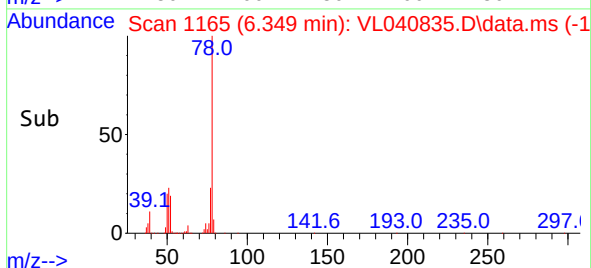
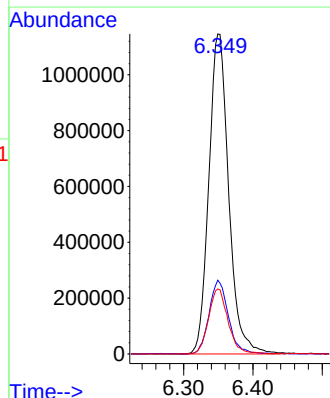
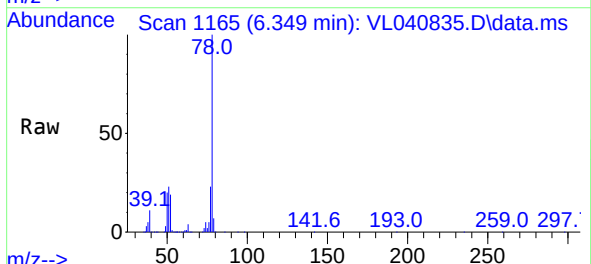
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

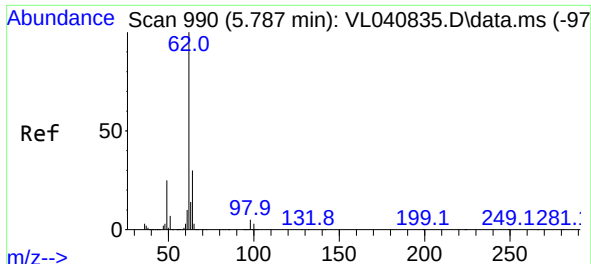
Tgt Ion:117 Resp: 1875956
Ion Ratio Lower Upper
117 100
119 93.4 74.7 112.1
121 31.9 25.5 38.3



#36
Benzene
Concen: 9.276 ppbv
RT: 6.349 min Scan# 1165
Delta R.T. -0.036 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Tgt Ion: 78 Resp: 2277855
Ion Ratio Lower Upper
78 100
77 23.0 18.4 27.6
50 20.2 16.2 24.2

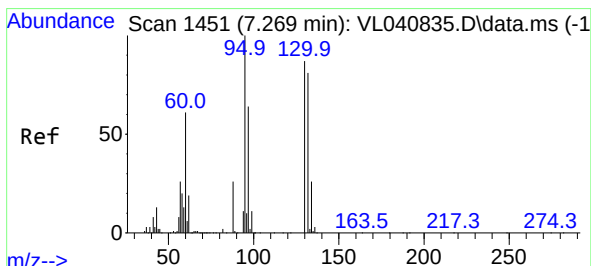
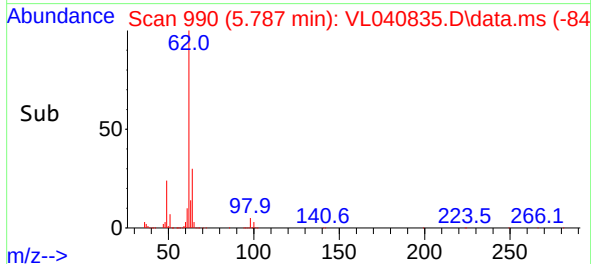
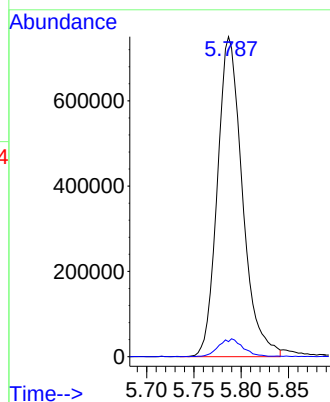
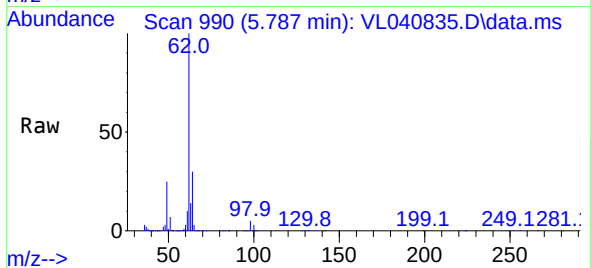




#37
1,2-Dichloroethane
Concen: 9.529 ppbv
RT: 5.787 min Scan# 990
Delta R.T. -0.036 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

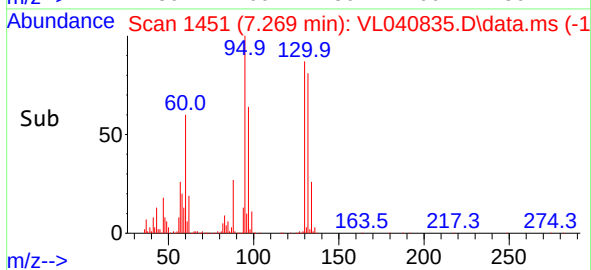
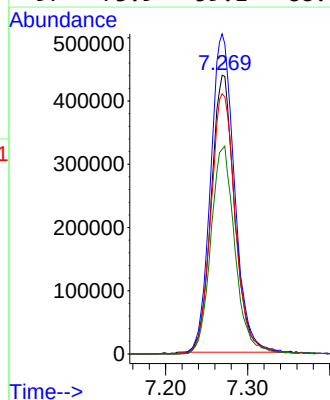
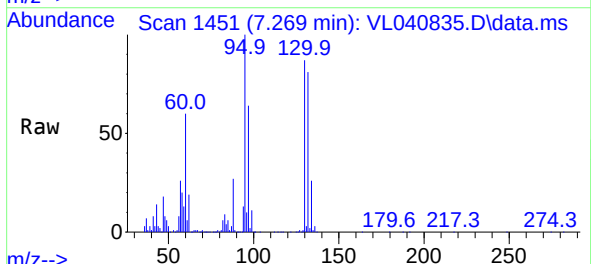
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

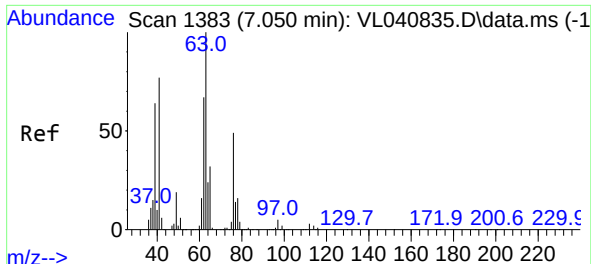
Tgt Ion: 62 Resp: 1380103
Ion Ratio Lower Upper
62 100
98 5.7 4.6 6.8



#38
Trichloroethene
Concen: 9.065 ppbv
RT: 7.269 min Scan# 1451
Delta R.T. -0.029 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Tgt Ion:130 Resp: 865252
Ion Ratio Lower Upper
130 100
95 115.5 92.4 138.6
132 93.9 75.1 112.7
97 73.9 59.1 88.7





#39

1,2-Dichloropropane

Concen: 9.244 ppbv

RT: 7.050 min Scan# 1383

Delta R.T. -0.032 min

Lab File: VL040835.D

Acq: 13 Nov 2023 10:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

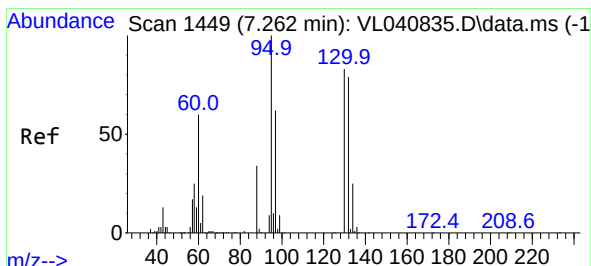
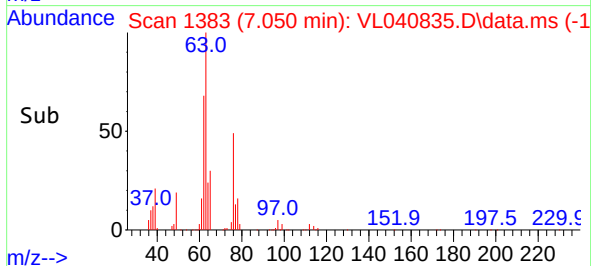
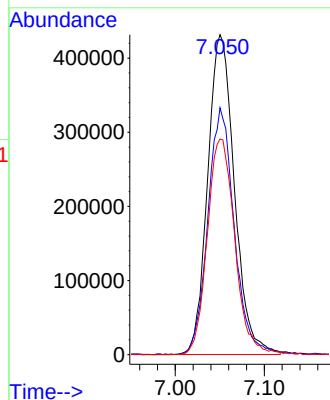
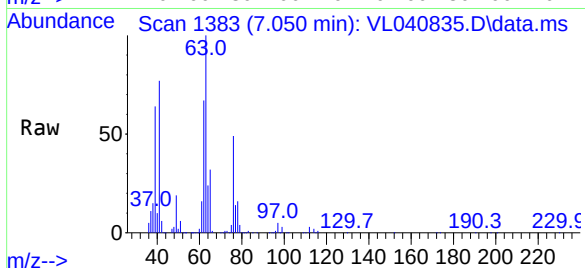
Tgt Ion: 63 Resp: 900044

Ion Ratio Lower Upper

63 100

41 76.9 61.5 92.3

62 67.4 53.9 80.9



#40

1,4-Dioxane

Concen: 8.522 ppbv

RT: 7.262 min Scan# 1449

Delta R.T. -0.029 min

Lab File: VL040835.D

Acq: 13 Nov 2023 10:45

Tgt Ion: 88 Resp: 329235

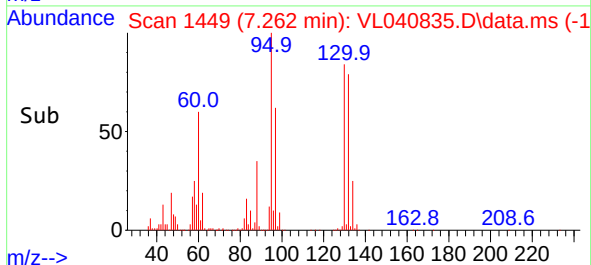
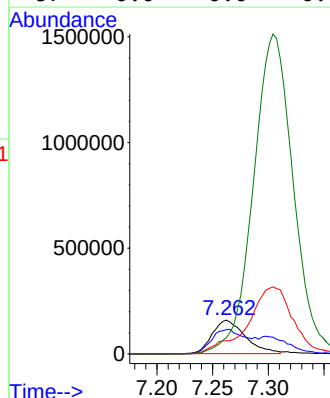
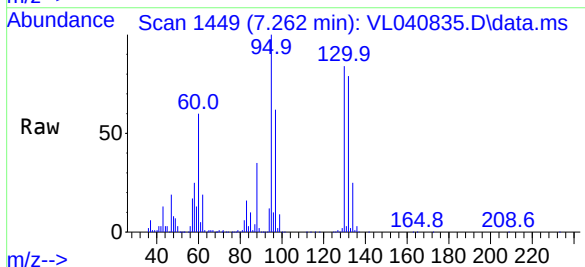
Ion Ratio Lower Upper

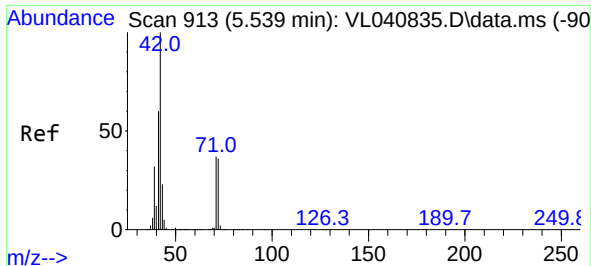
88 100

58 126.9 101.0 151.6

43 0.0 0.0 0.0

57 0.0 0.0 0.0

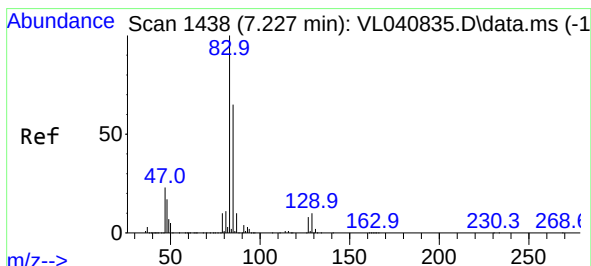
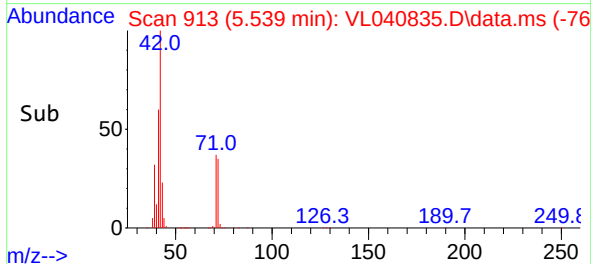
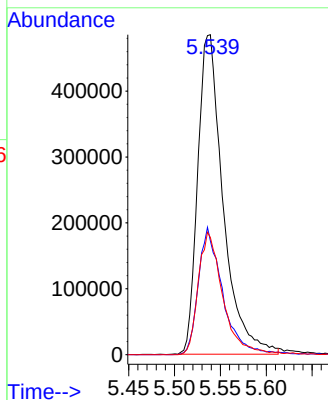
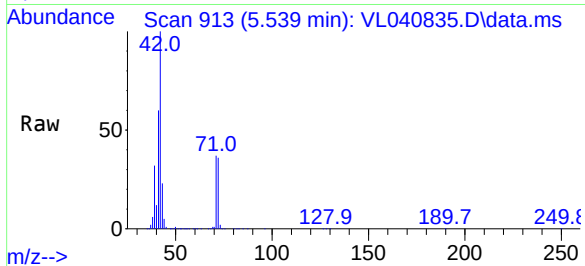




#41
Tetrahydrofuran
Concen: 9.859 ppbv
RT: 5.539 min Scan# 913
Delta R.T. -0.036 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

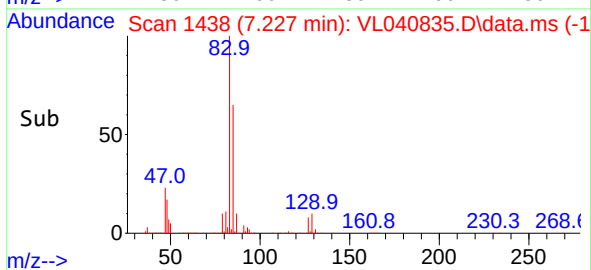
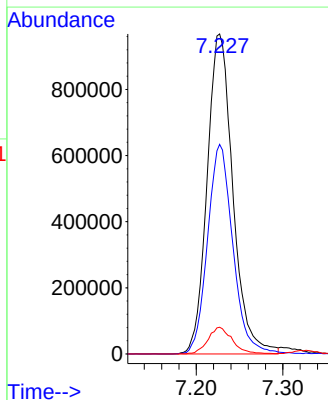
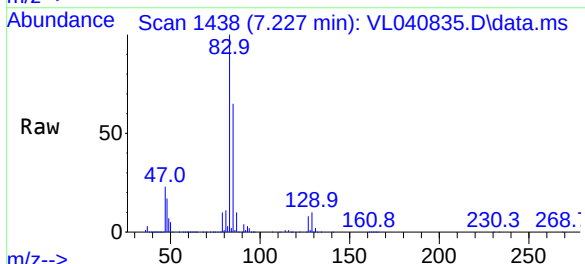
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

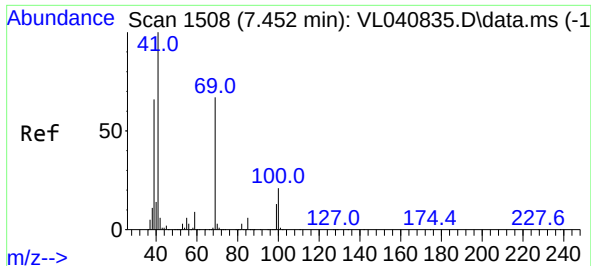
Tgt Ion: 42 Resp: 935616
Ion Ratio Lower Upper
42 100
72 38.5 30.8 46.2
71 37.4 30.0 45.0



#42
Bromodichloromethane
Concen: 9.666 ppbv
RT: 7.227 min Scan# 1438
Delta R.T. -0.032 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Tgt Ion: 83 Resp: 2003369
Ion Ratio Lower Upper
83 100
85 65.4 52.3 78.5
127 8.3 6.6 10.0

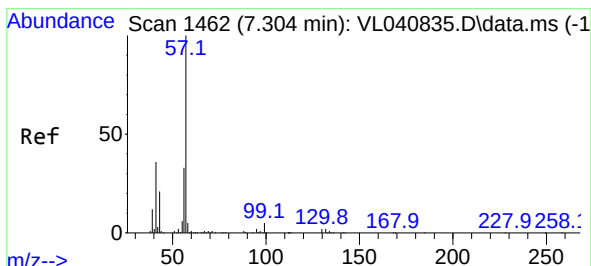
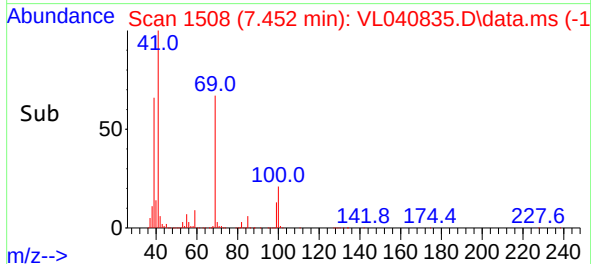
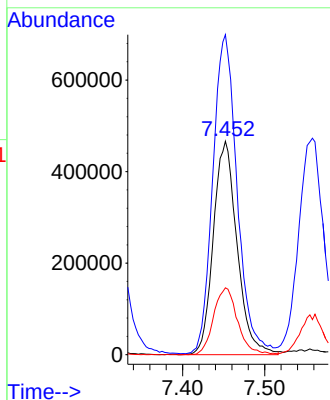
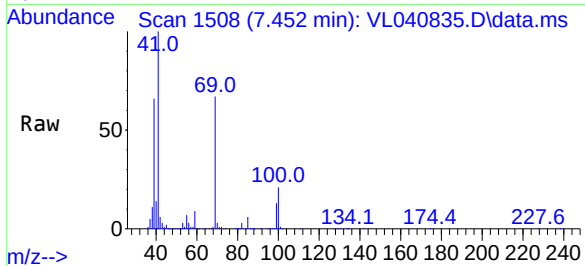




#43
Methyl Methacrylate
Concen: 10.039 ppbv
RT: 7.452 min Scan# 11
Delta R.T. -0.026 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

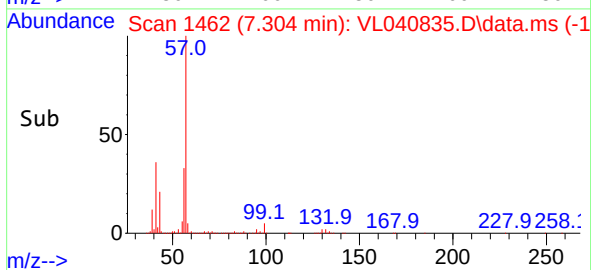
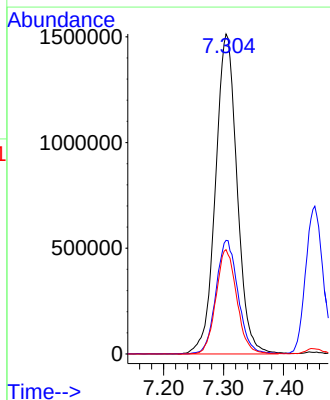
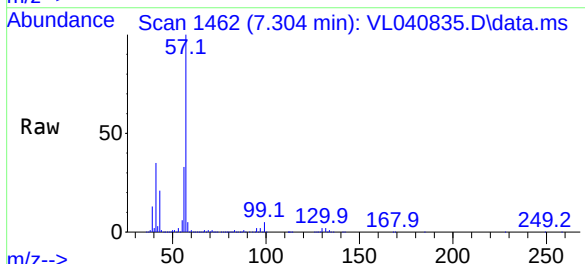
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

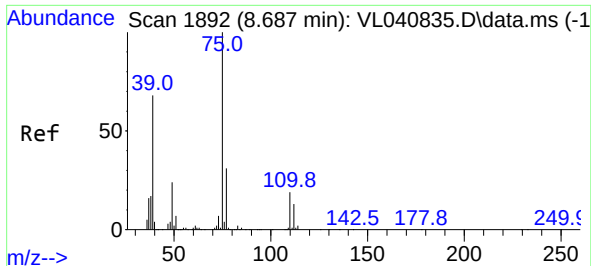
Tgt Ion: 69 Resp: 939444
Ion Ratio Lower Upper
69 100
41 154.2 123.0 184.4
100 31.7 25.4 38.2



#44
2,2,4-Trimethylpentane
Concen: 9.252 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. -0.029 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Tgt Ion: 57 Resp: 3774014
Ion Ratio Lower Upper
57 100
41 36.3 29.0 43.6
56 31.5 25.2 37.8

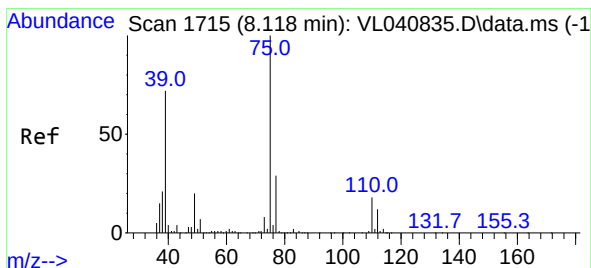
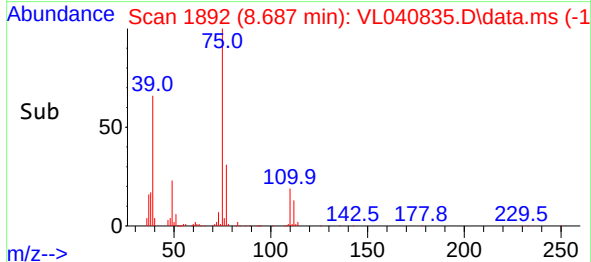
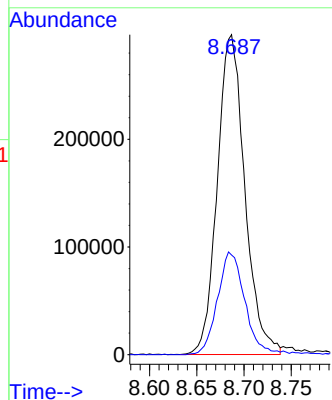
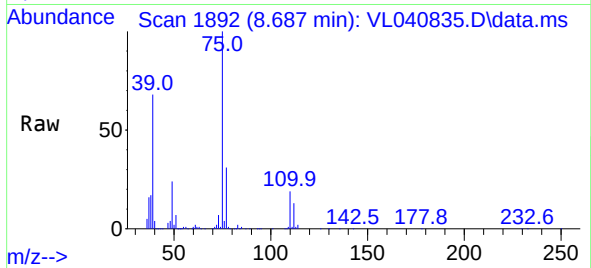




#45
t-1,3-Dichloropropene
Concen: 10.938 ppbv
RT: 8.687 min Scan# 1892
Delta R.T. -0.023 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

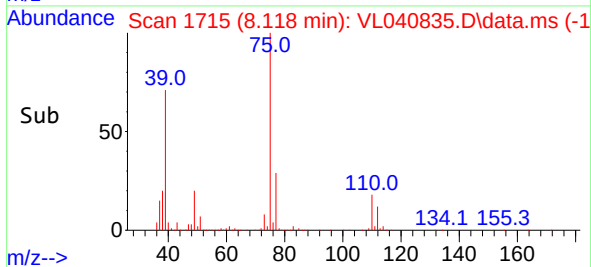
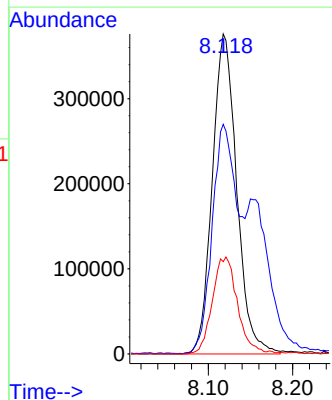
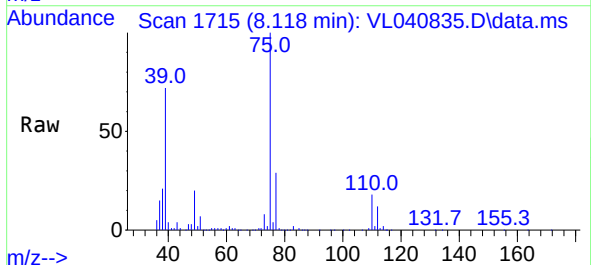
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

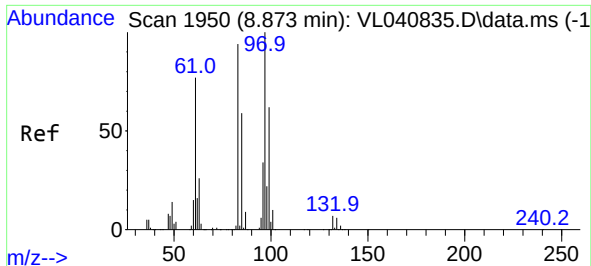
Tgt Ion: 75 Resp: 601451
Ion Ratio Lower Upper
75 100
77 31.1 24.9 37.3



#46
cis-1,3-Dichloropropene
Concen: 10.611 ppbv
RT: 8.118 min Scan# 1715
Delta R.T. -0.029 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Tgt Ion: 75 Resp: 756595
Ion Ratio Lower Upper
75 100
39 71.6 57.3 85.9
77 28.8 23.0 34.6





#47

1,1,2-Trichloroethane

Concen: 9.281 ppbv

RT: 8.873 min Scan# 1950

Delta R.T. -0.026 min

Lab File: VL040835.D

Acq: 13 Nov 2023 10:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 97 Resp: 946829

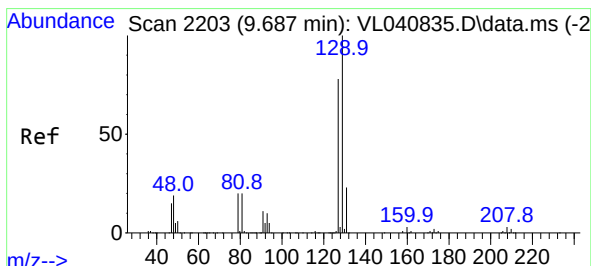
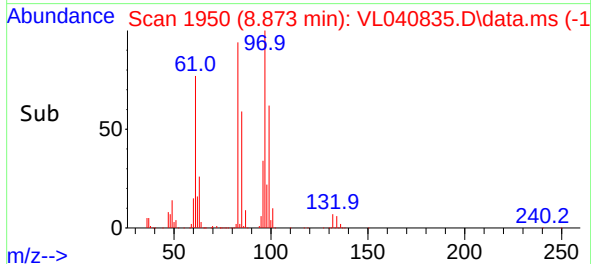
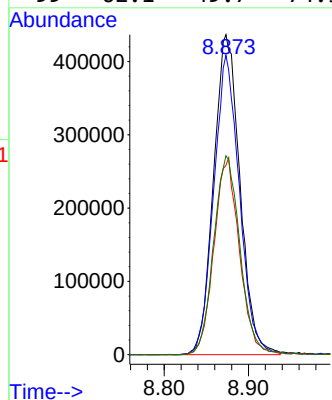
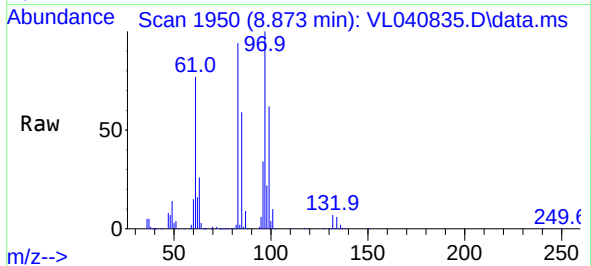
Ion Ratio Lower Upper

97 100

83 93.5 74.8 112.2

85 59.2 47.4 71.0

99 62.1 49.7 74.5



#48

Dibromochloromethane

Concen: 10.003 ppbv

RT: 9.687 min Scan# 2203

Delta R.T. -0.026 min

Lab File: VL040835.D

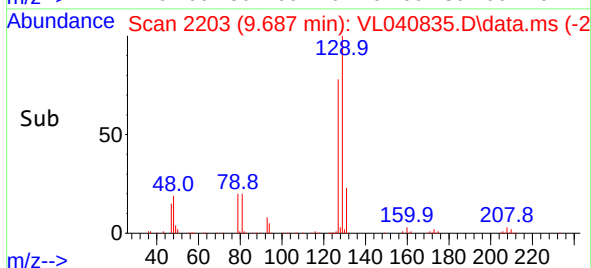
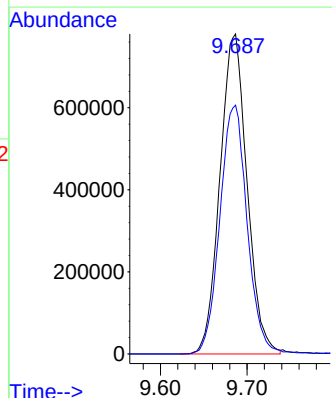
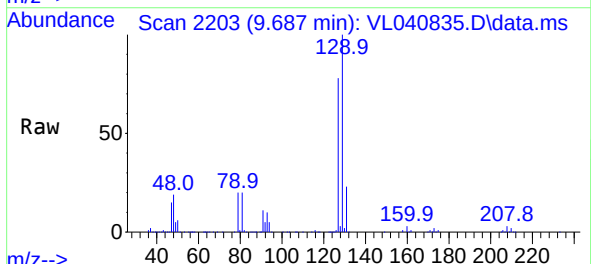
Acq: 13 Nov 2023 10:45

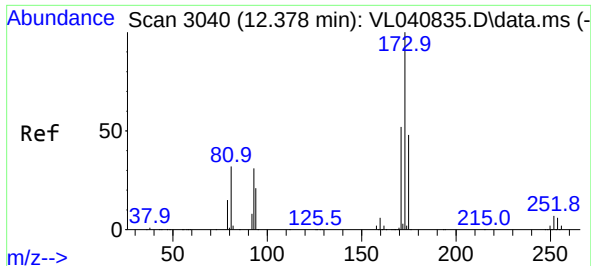
Tgt Ion: 129 Resp: 1693421

Ion Ratio Lower Upper

129 100

127 78.6 39.3 117.9

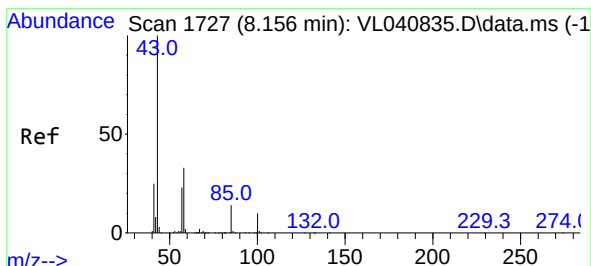
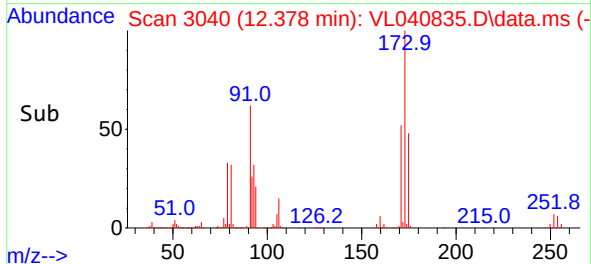
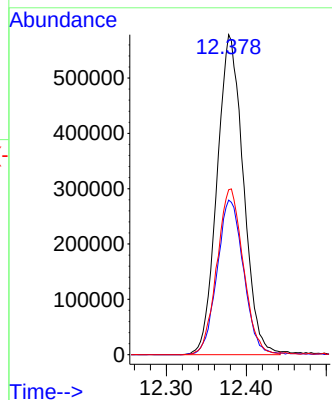
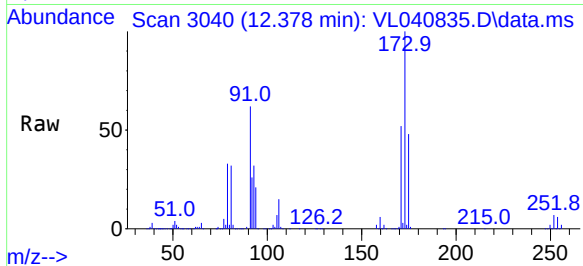




#49
Bromoform
Concen: 10.358 ppbv
RT: 12.378 min Scan# 3040
Delta R.T. -0.026 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

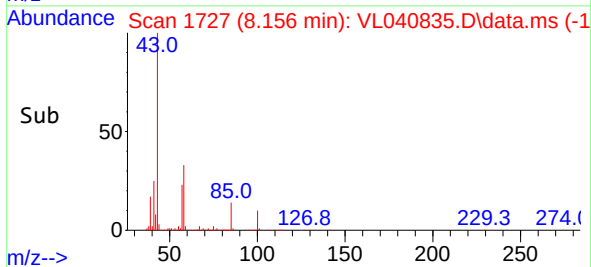
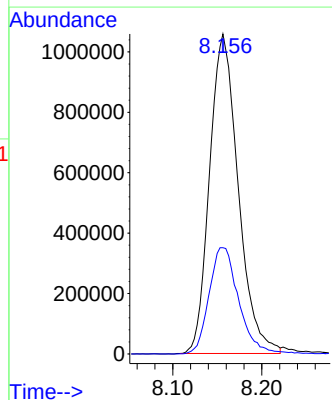
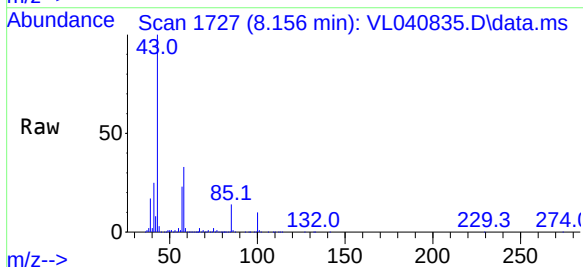
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

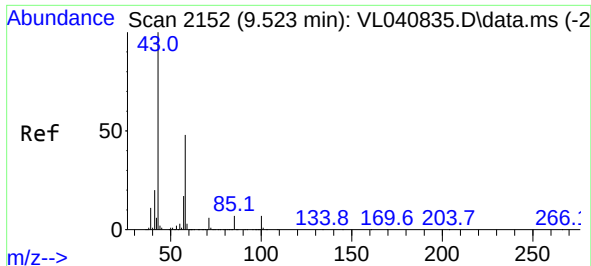
Tgt Ion:173 Resp: 1318852
Ion Ratio Lower Upper
173 100
175 48.8 39.0 58.6
171 52.3 41.8 62.6



#50
4-Methyl-2-Pentanone
Concen: 9.907 ppbv
RT: 8.156 min Scan# 1727
Delta R.T. -0.029 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Tgt Ion: 43 Resp: 2363261
Ion Ratio Lower Upper
43 100
58 34.6 27.8 41.6

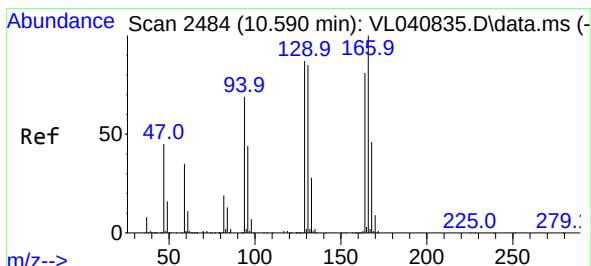
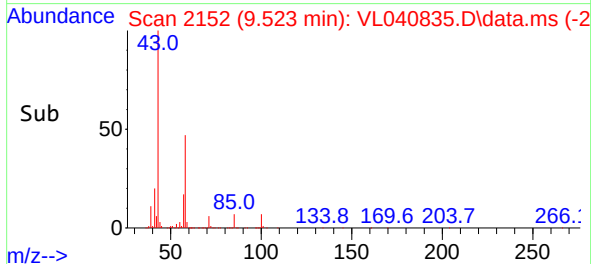
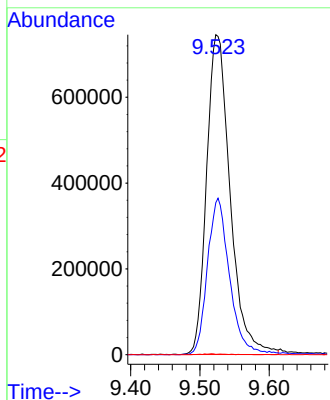
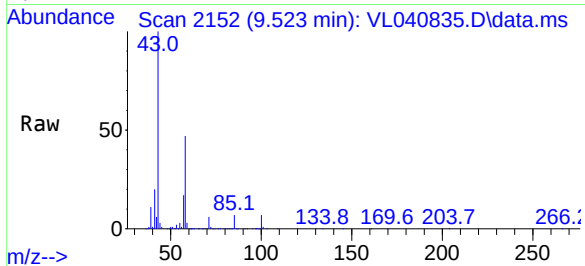




#51
2-Hexanone
Concen: 10.427 ppbv
RT: 9.523 min Scan# 2152
Delta R.T. -0.026 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

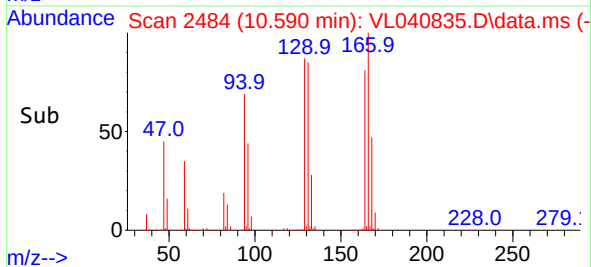
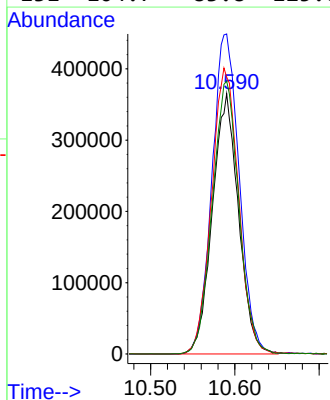
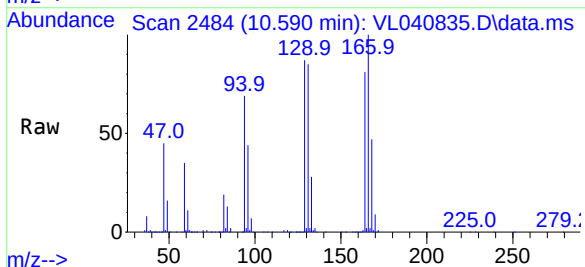
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

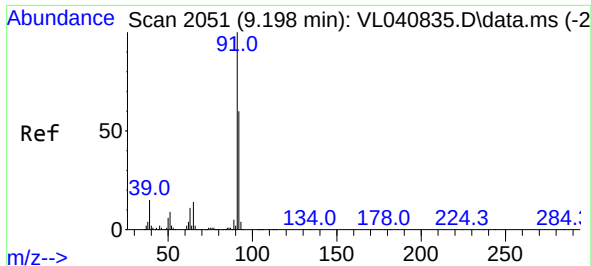
Tgt Ion: 43 Resp: 1753361
Ion Ratio Lower Upper
43 100
58 46.7 37.4 56.2
98 0.3 0.2 0.2#



#52
Tetrachloroethene
Concen: 9.473 ppbv
RT: 10.590 min Scan# 2484
Delta R.T. -0.026 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Tgt Ion:164 Resp: 783363
Ion Ratio Lower Upper
164 100
166 122.9 98.3 147.5
129 106.4 85.1 127.7
131 104.7 83.8 125.6

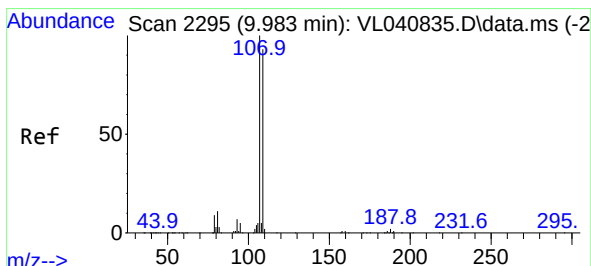
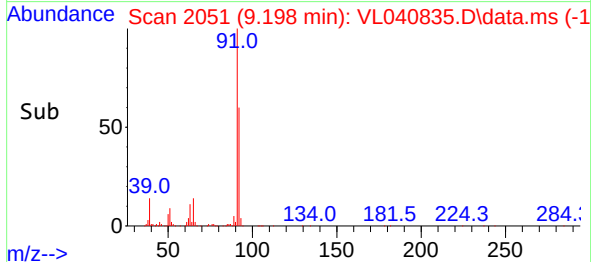
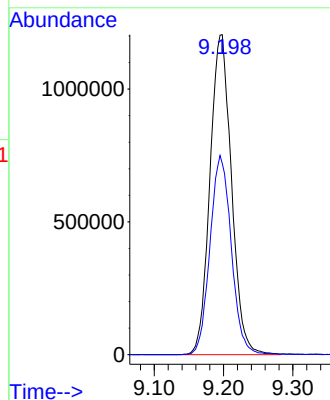
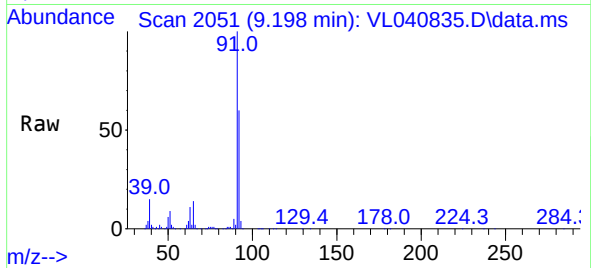




#53
Toluene
Concen: 9.609 ppbv
RT: 9.198 min Scan# 2051
Delta R.T. -0.026 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

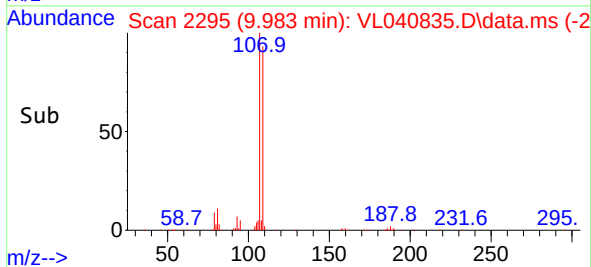
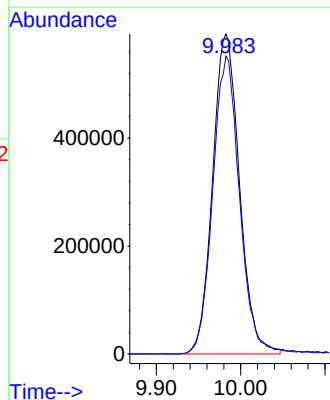
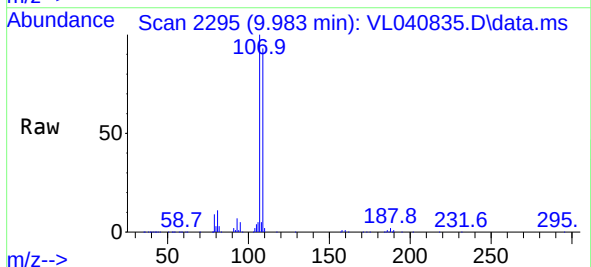
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

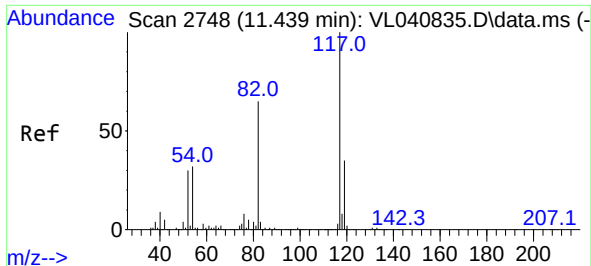
Tgt Ion: 91 Resp: 2596578
Ion Ratio Lower Upper
91 100
92 61.8 49.4 74.2



#54
1,2-Dibromoethane
Concen: 9.995 ppbv
RT: 9.983 min Scan# 2295
Delta R.T. -0.026 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Tgt Ion: 107 Resp: 1312340
Ion Ratio Lower Upper
107 100
109 93.1 74.5 111.7

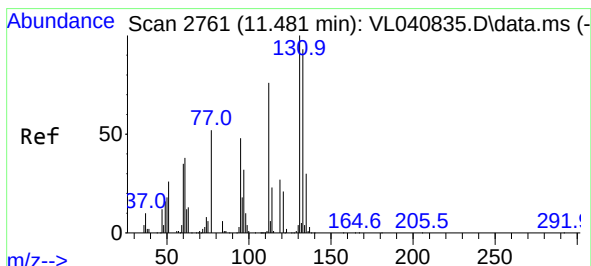
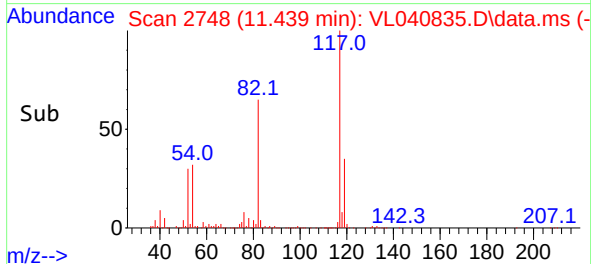
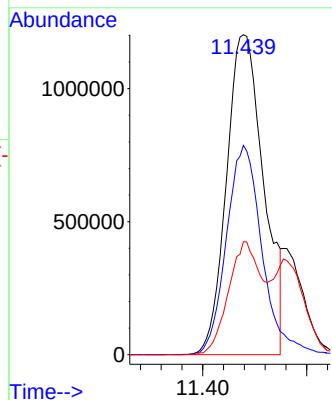
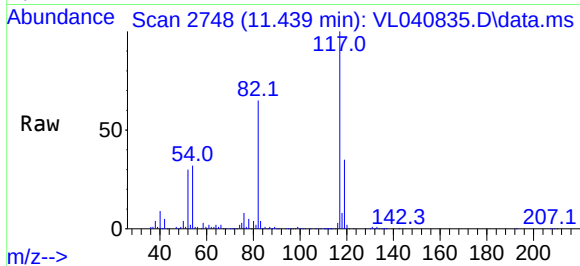




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.439 min Scan# 2748
Delta R.T. -0.023 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

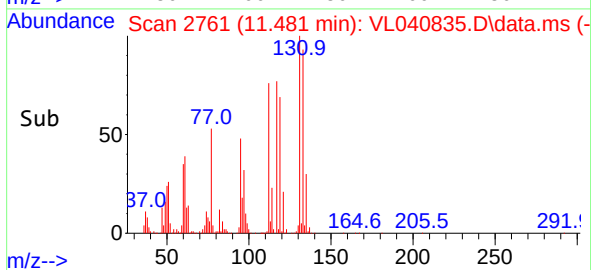
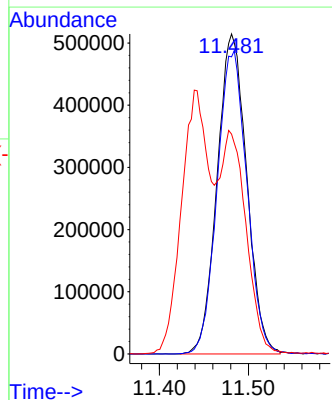
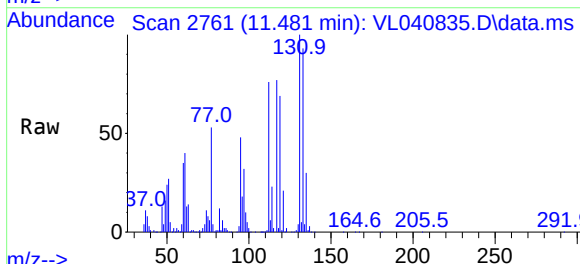
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

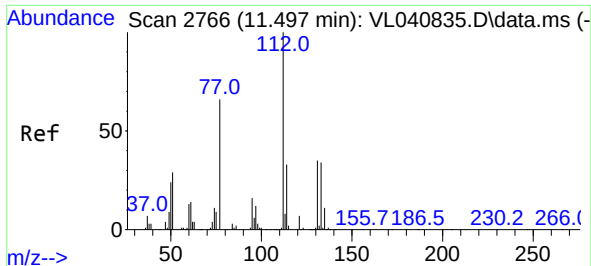
Tgt Ion:117 Resp: 2993306
Ion Ratio Lower Upper
117 100
82 63.2 50.6 75.8
119 29.1 23.3 34.9



#56
1,1,1,2-Tetrachloroethane
Concen: 9.240 ppbv
RT: 11.481 min Scan# 2761
Delta R.T. -0.026 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Tgt Ion:131 Resp: 1183790
Ion Ratio Lower Upper
131 100
133 95.6 76.4 114.6
119 67.8 51.1 76.7

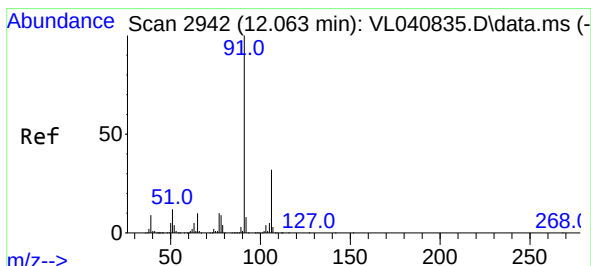
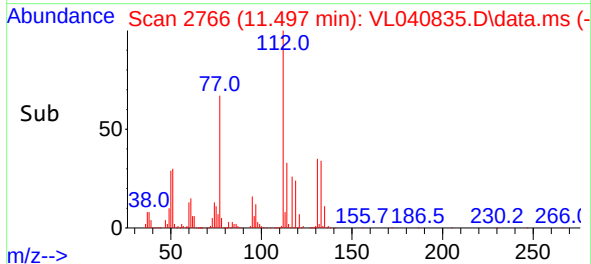
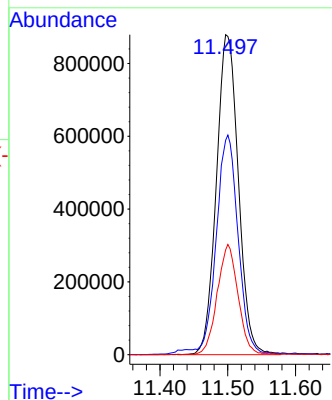
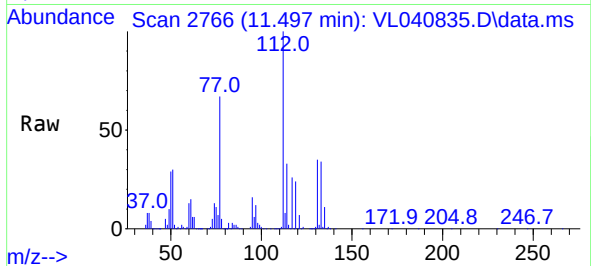




#57
Chlorobenzene
Concen: 8.939 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. -0.026 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

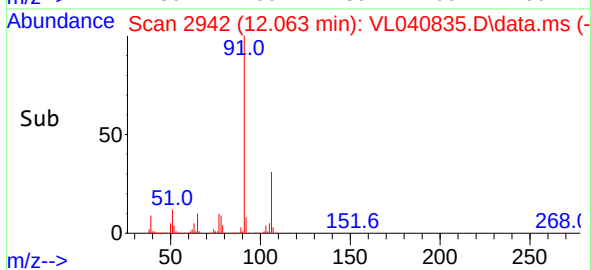
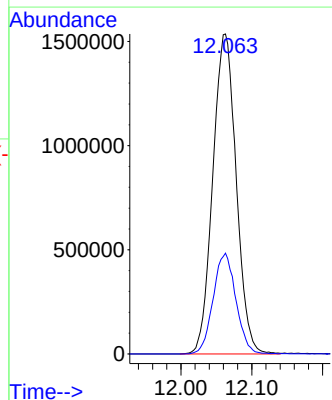
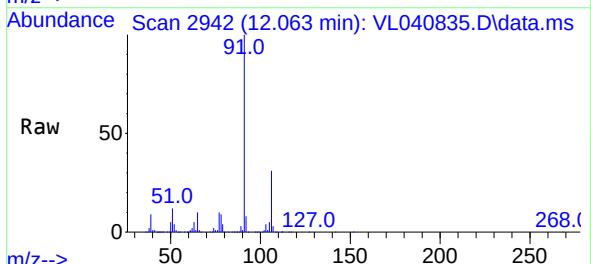
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

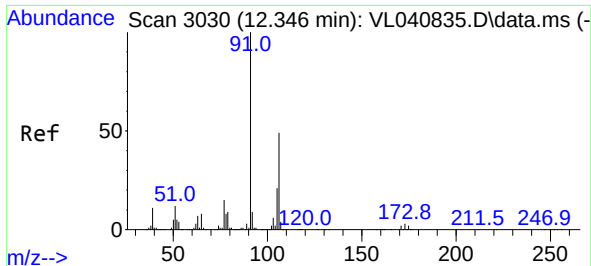
Tgt Ion:112 Resp: 1983342
Ion Ratio Lower Upper
112 100
77 66.6 53.3 79.9
114 32.6 29.3 35.9



#58
Ethyl Benzene
Concen: 9.015 ppbv
RT: 12.063 min Scan# 2942
Delta R.T. -0.023 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Tgt Ion: 91 Resp: 3520752
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8

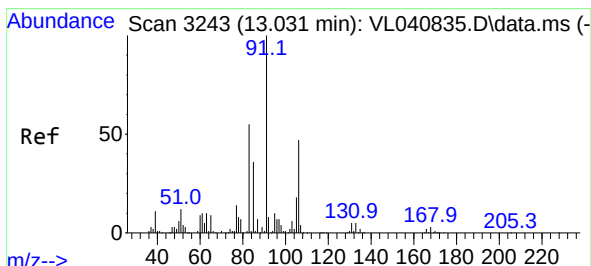
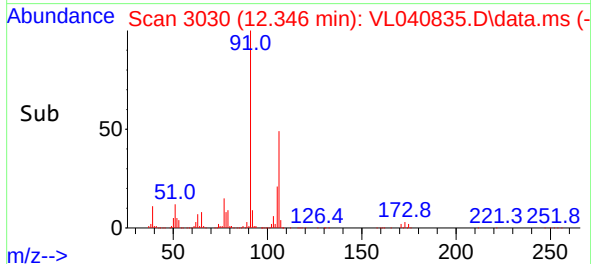
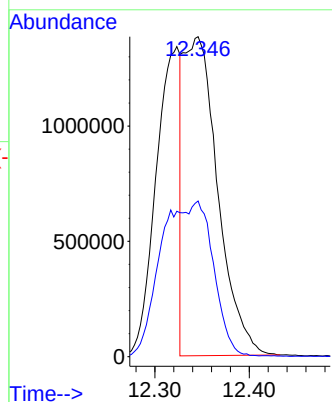
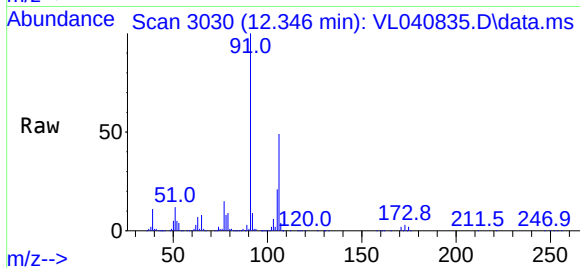




#59
m/p-Xylene
Concen: 10.440 ppbv
RT: 12.346 min Scan# 3030
Delta R.T. -0.023 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

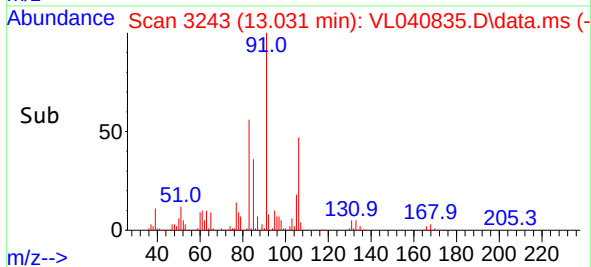
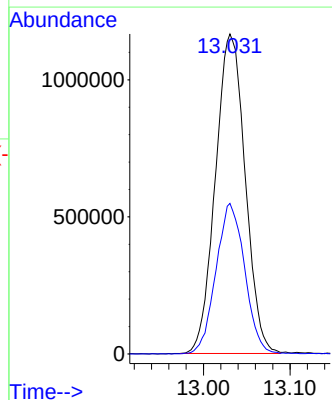
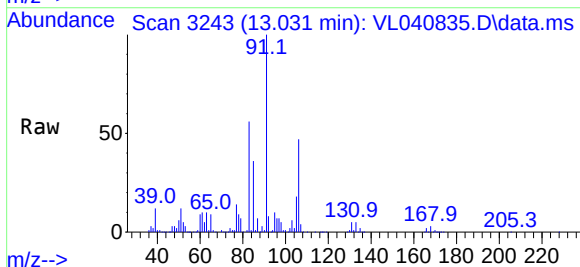
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

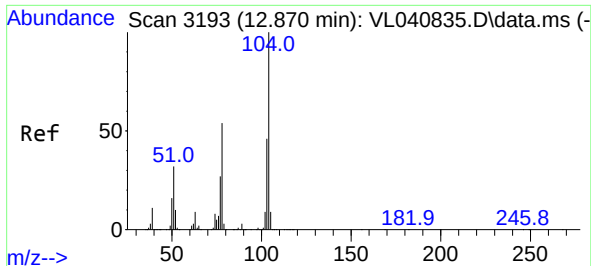
Tgt Ion: 91 Resp: 3472140
Ion Ratio Lower Upper
91 100
106 75.2 35.4 53.0#



#60
o-Xylene
Concen: 8.796 ppbv
RT: 13.031 min Scan# 3243
Delta R.T. -0.023 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Tgt Ion: 91 Resp: 2784914
Ion Ratio Lower Upper
91 100
106 45.8 22.9 68.5

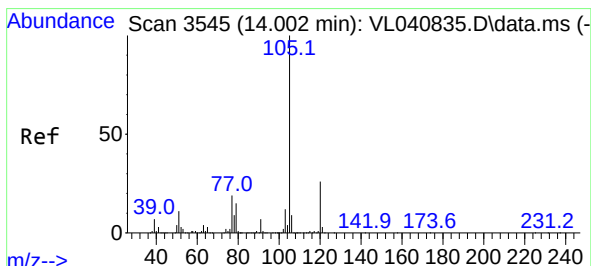
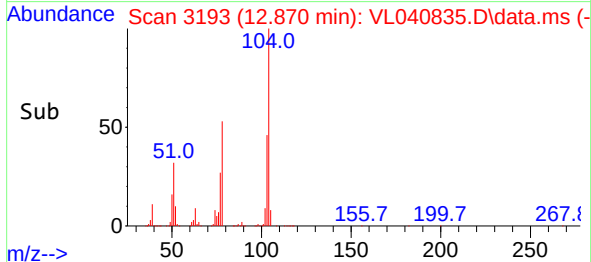
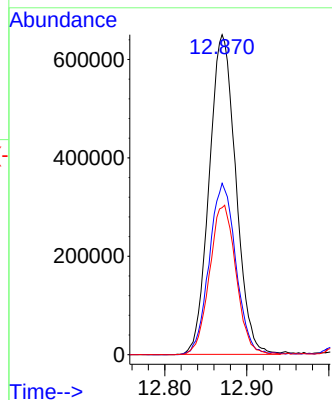
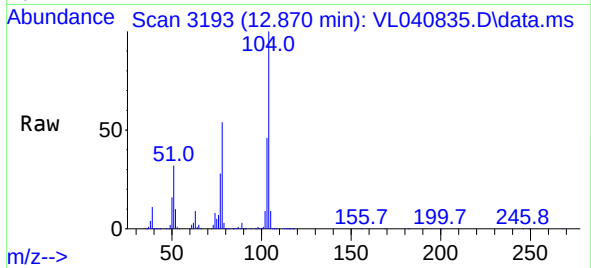




#61
Styrene
Concen: 9.596 ppbv
RT: 12.870 min Scan# 3193
Delta R.T. -0.023 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

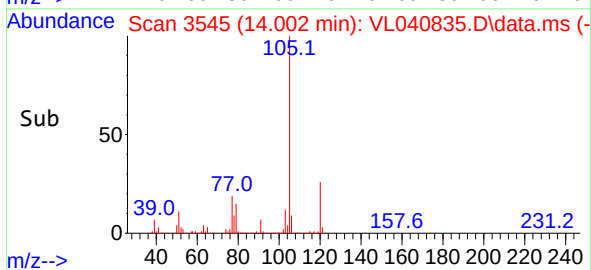
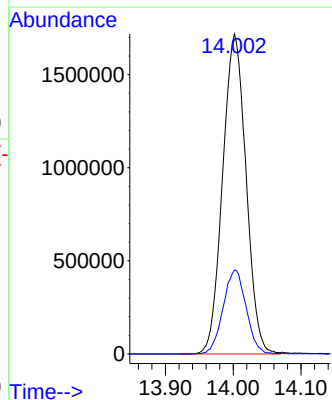
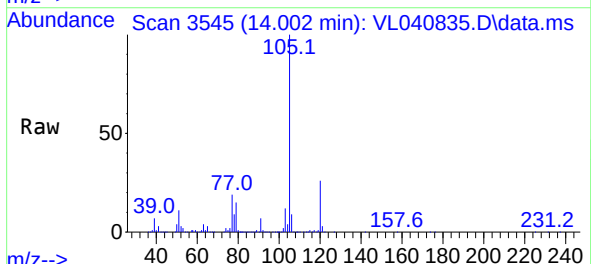
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

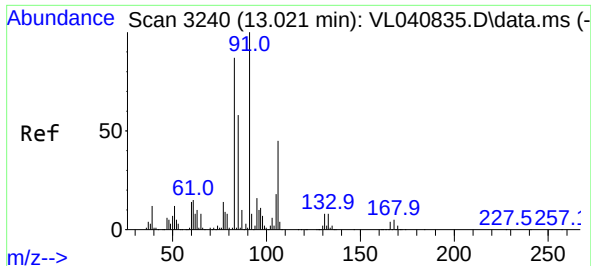
Tgt Ion:104 Resp: 1465242
Ion Ratio Lower Upper
104 100
78 54.1 43.3 64.9
103 47.0 37.6 56.4



#62
Isopropylbenzene
Concen: 8.808 ppbv
RT: 14.002 min Scan# 3545
Delta R.T. -0.023 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Tgt Ion:105 Resp: 4119988
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1

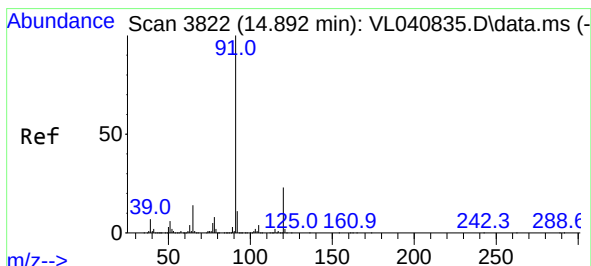
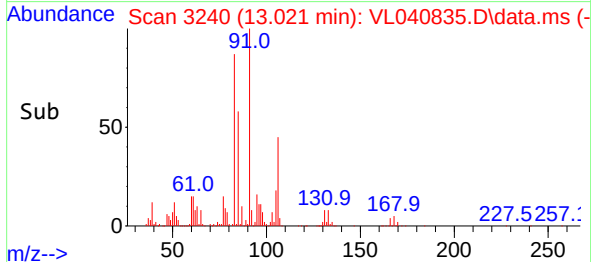
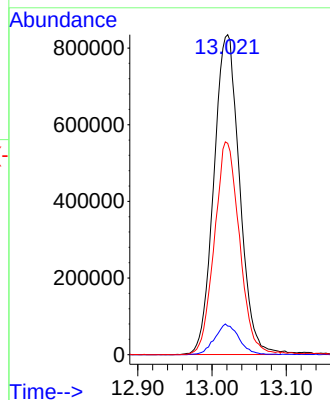
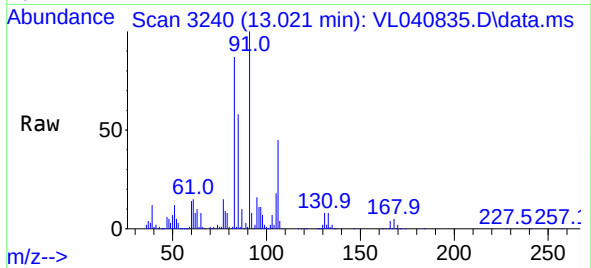




#63
1,1,2,2-Tetrachloroethane
Concen: 8.958 ppbv
RT: 13.021 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

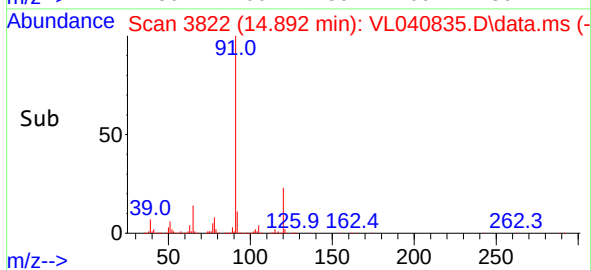
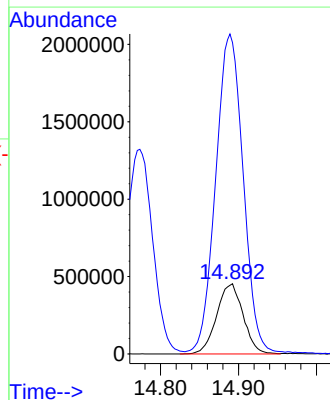
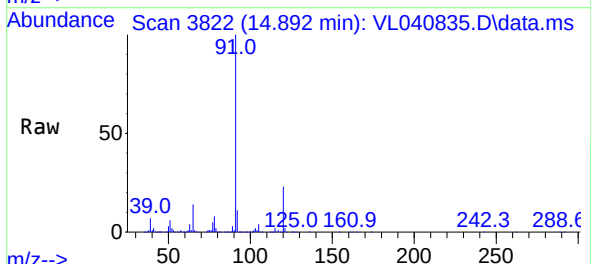
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

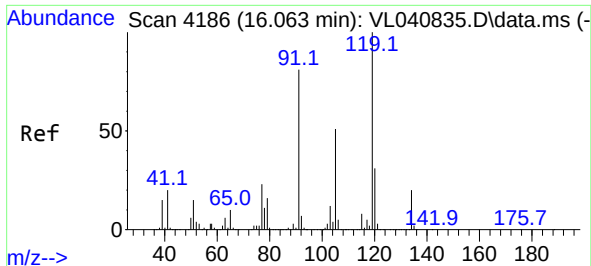
Tgt Ion: 83 Resp: 2010077
Ion Ratio Lower Upper
83 100
131 9.2 4.5 13.7
85 65.3 32.9 98.7



#64
n-propylbenzene
Concen: 9.135 ppbv
RT: 14.892 min Scan# 3822
Delta R.T. -0.016 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Tgt Ion: 120 Resp: 1070915
Ion Ratio Lower Upper
120 100
91 476.4 381.1 571.7

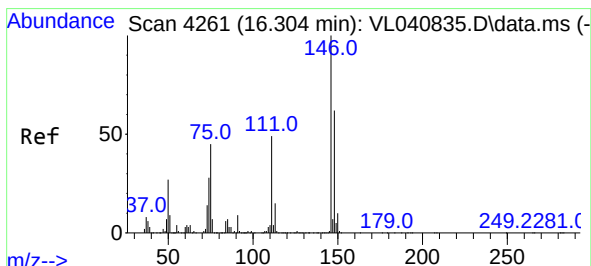
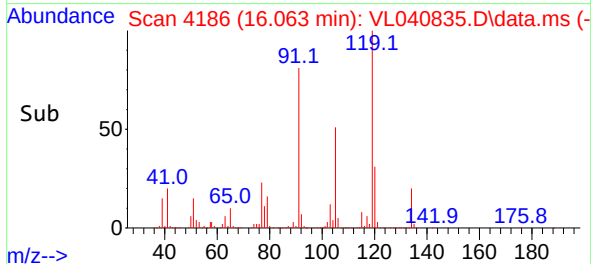
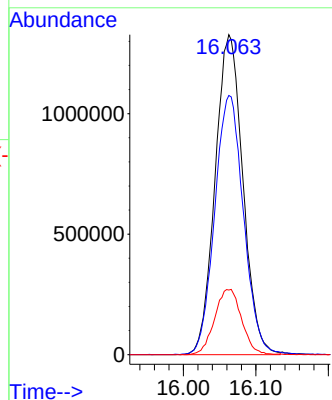
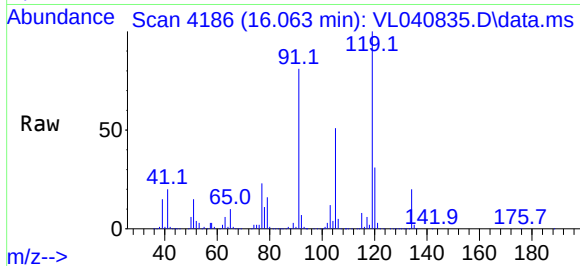




#65
tert-Butylbenzene
Concen: 8.942 ppbv
RT: 16.063 min Scan# 4186
Delta R.T. -0.019 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

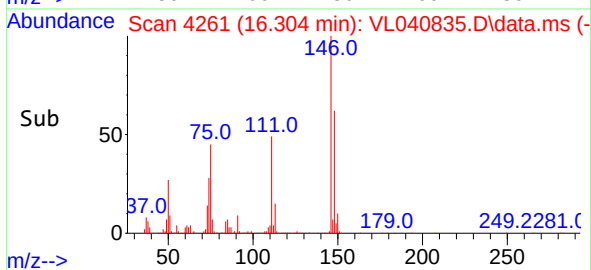
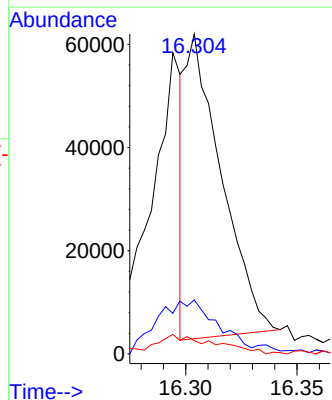
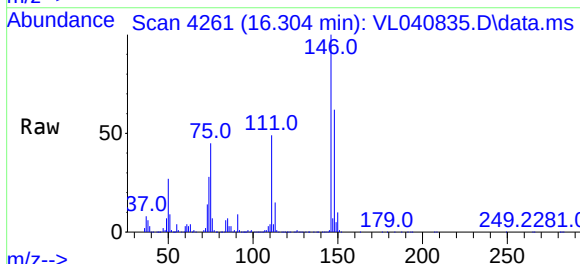
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

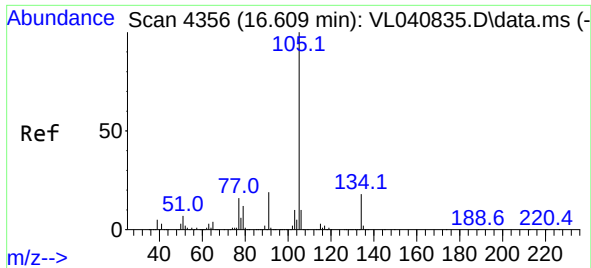
Tgt Ion:119 Resp: 3526751
Ion Ratio Lower Upper
119 100
91 84.4 67.5 101.3
134 19.9 15.9 23.9



#66
Benzyl Chloride
Concen: 4.565 ppbv
RT: 16.304 min Scan# 4261
Delta R.T. -0.023 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Tgt Ion: 91 Resp: 66342
Ion Ratio Lower Upper
91 100
126 33.7 12.8 19.2#
128 0.7 0.0 0.0#

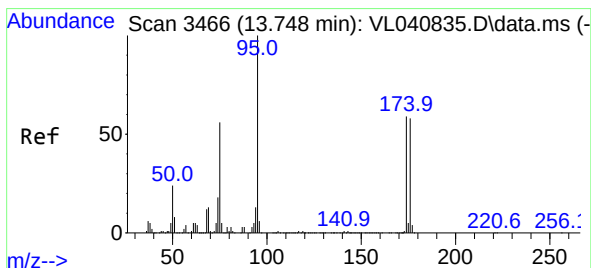
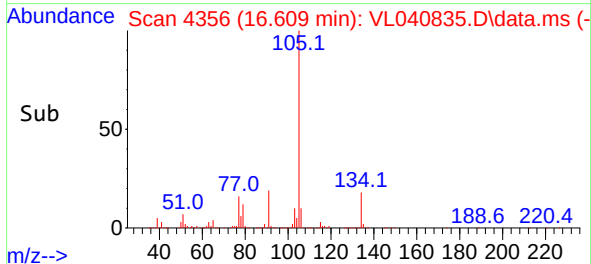
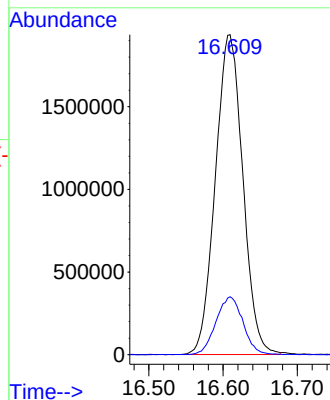
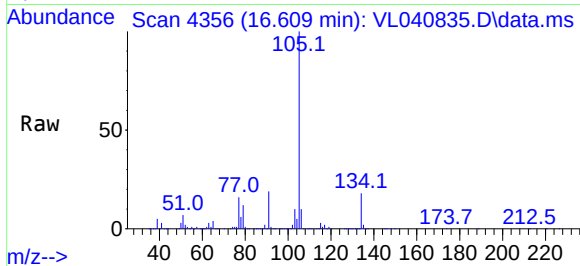




#67
 sec-Butylbenzene
 Concen: 8.829 ppbv
 RT: 16.609 min Scan# 41
 Delta R.T. -0.019 min
 Lab File: VL040835.D
 Acq: 13 Nov 2023 10:45

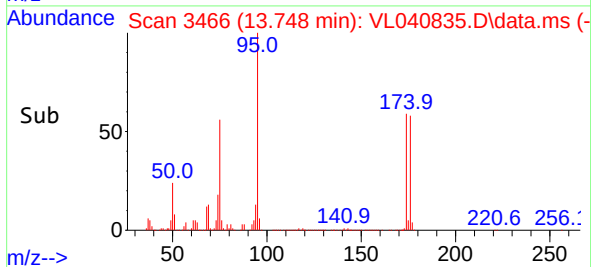
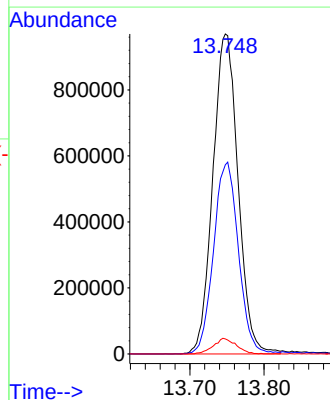
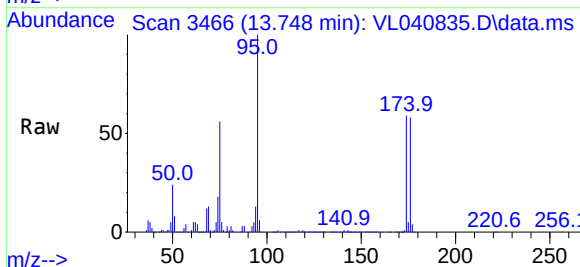
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

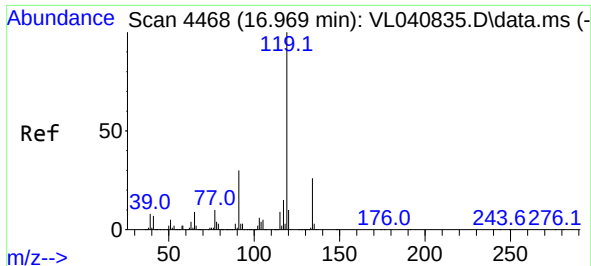
Tgt Ion:105 Resp: 4974353
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.3 21.5



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.761 ppbv
 RT: 13.748 min Scan# 3466
 Delta R.T. -0.023 min
 Lab File: VL040835.D
 Acq: 13 Nov 2023 10:45

Tgt Ion: 95 Resp: 2287523
 Ion Ratio Lower Upper
 95 100
 174 59.9 47.5 71.3
 175 4.5 3.6 5.4

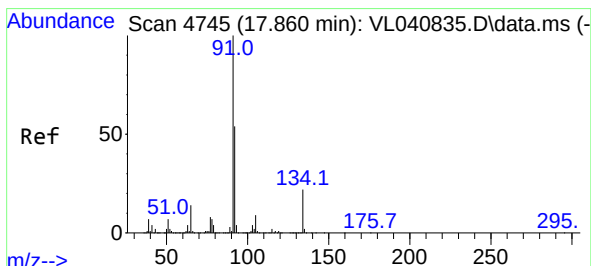
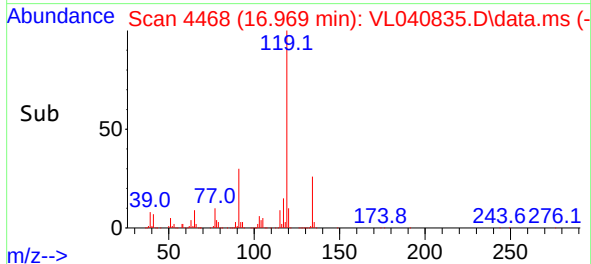
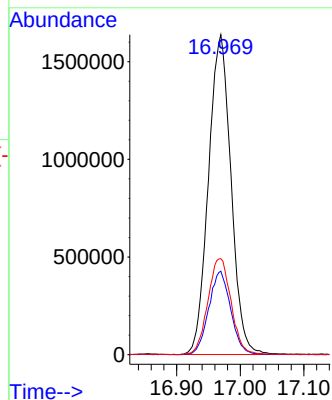
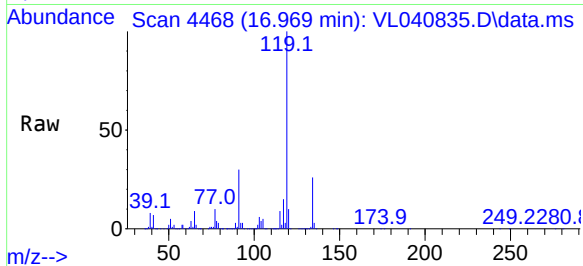




#69
p-Isopropyltoluene
Concen: 8.969 ppbv
RT: 16.969 min Scan# 4468
Delta R.T. -0.016 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

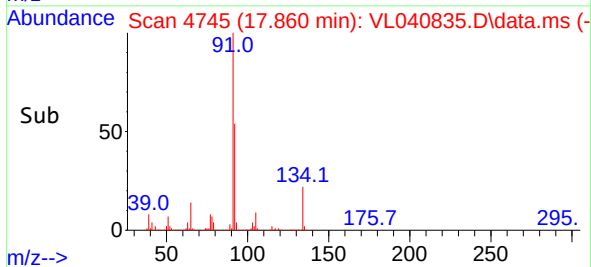
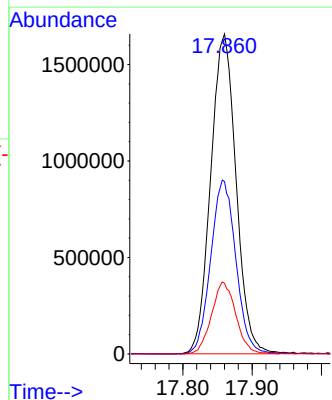
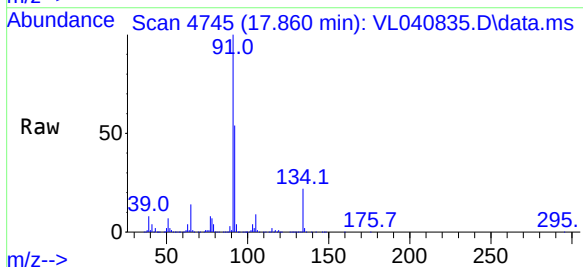
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

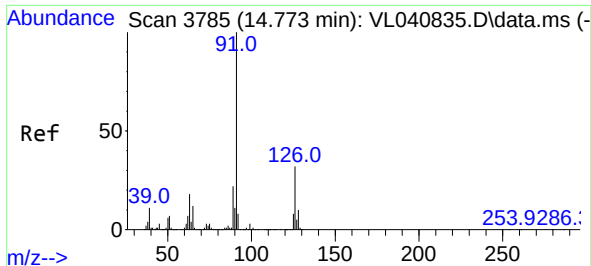
Tgt Ion:119 Resp: 4029604
Ion Ratio Lower Upper
119 100
134 25.5 20.5 30.7
91 30.9 24.7 37.1



#70
n-Butylbenzene
Concen: 8.884 ppbv
RT: 17.860 min Scan# 4745
Delta R.T. -0.019 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Tgt Ion: 91 Resp: 4214429
Ion Ratio Lower Upper
91 100
92 54.2 43.4 65.2
134 21.7 17.4 26.0

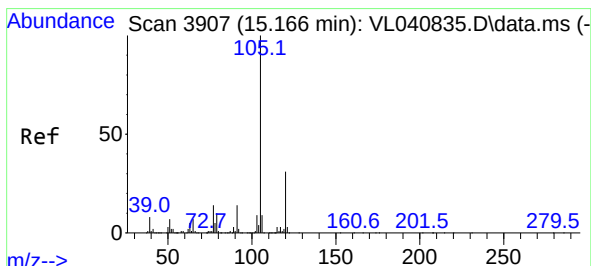
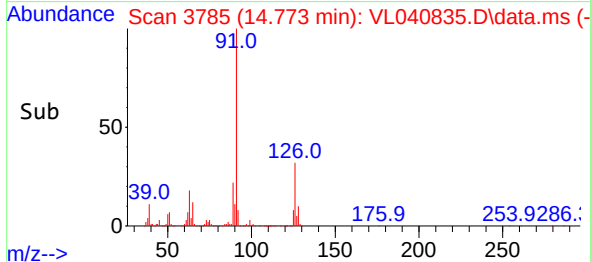
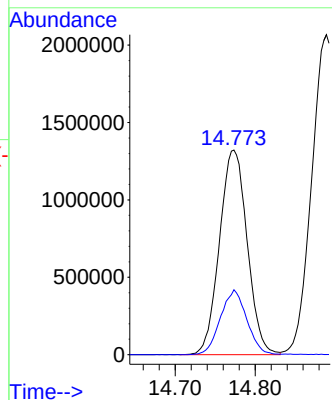
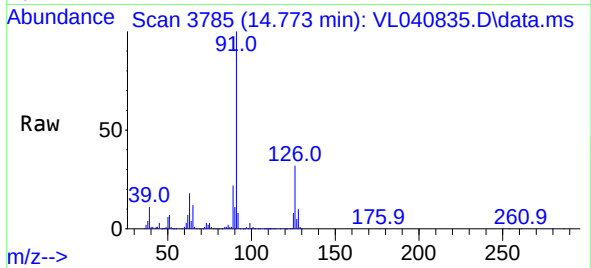




#71
2-Chlorotoluene
Concen: 8.927 ppbv
RT: 14.773 min Scan# 31
Delta R.T. -0.023 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

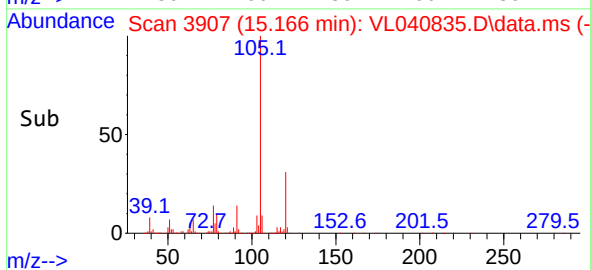
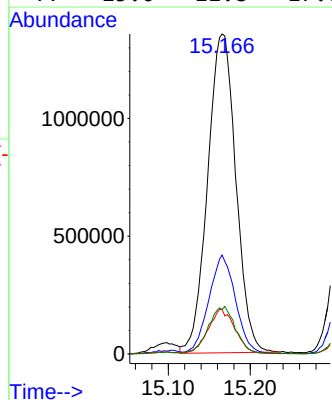
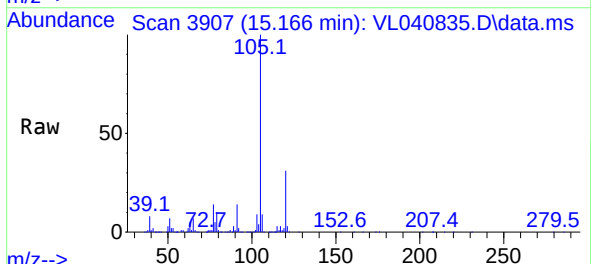
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

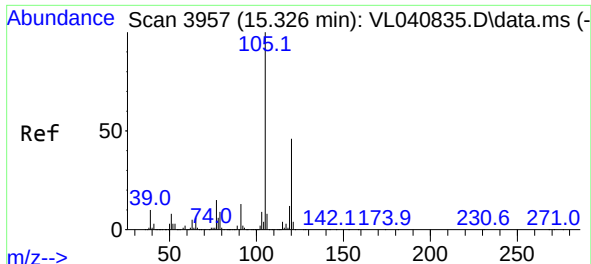
Tgt Ion: 91 Resp: 3183113
Ion Ratio Lower Upper
91 100
126 30.4 12.1 48.5



#72
4-Ethyltoluene
Concen: 9.290 ppbv
RT: 15.166 min Scan# 3907
Delta R.T. -0.019 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Tgt Ion: 105 Resp: 3233399
Ion Ratio Lower Upper
105 100
120 30.6 24.5 36.7
91 14.3 10.6 16.0
77 15.0 11.8 17.6

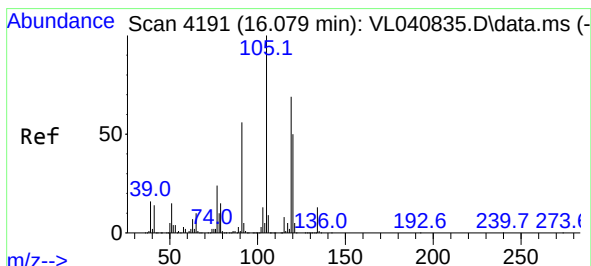
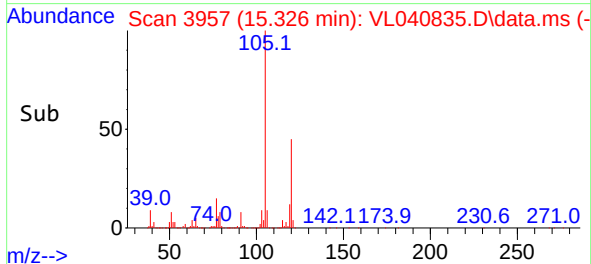
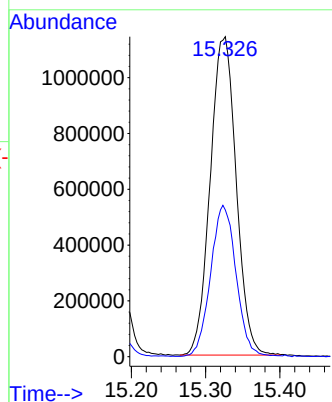
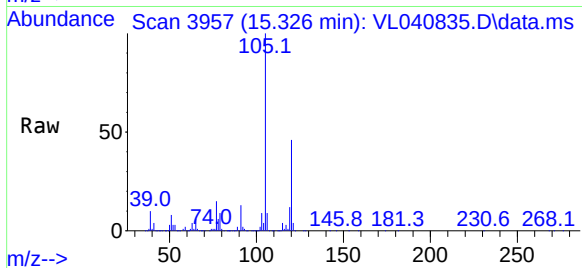




#73
1,3,5-Trimethylbenzene
Concen: 9.023 ppbv
RT: 15.326 min Scan# 3957
Delta R.T. -0.016 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

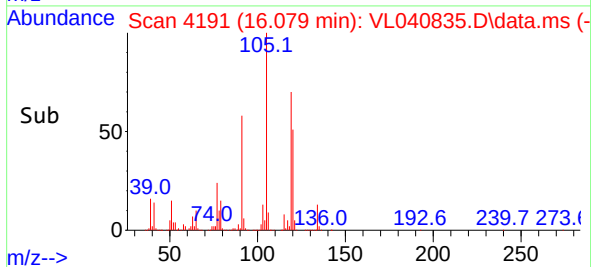
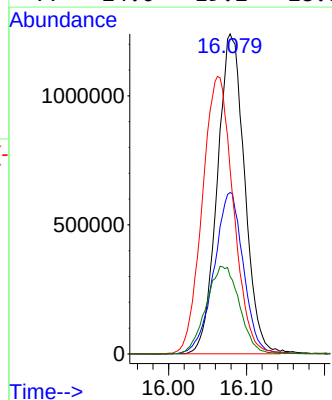
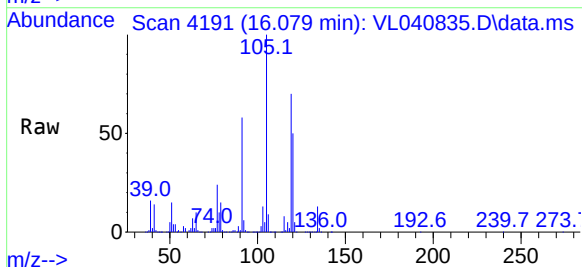
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

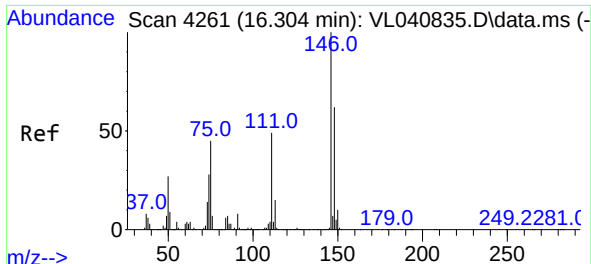
Tgt Ion:105 Resp: 2777256
Ion Ratio Lower Upper
105 100
120 46.0 36.8 55.2



#74
1,2,4-Trimethylbenzene
Concen: 8.758 ppbv
RT: 16.079 min Scan# 4191
Delta R.T. -0.023 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Tgt Ion:105 Resp: 3008396
Ion Ratio Lower Upper
105 100
120 50.2 40.2 60.2
91 57.1 45.7 68.5
77 24.0 19.2 28.8





#75

1,3-Dichlorobenzene

Concen: 8.929 ppbv

RT: 16.304 min Scan# 4261

Delta R.T. -0.019 min

Lab File: VL040835.D

Acq: 13 Nov 2023 10:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

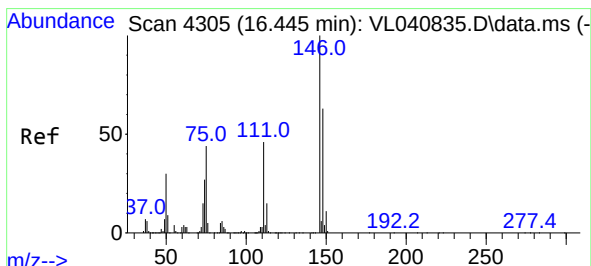
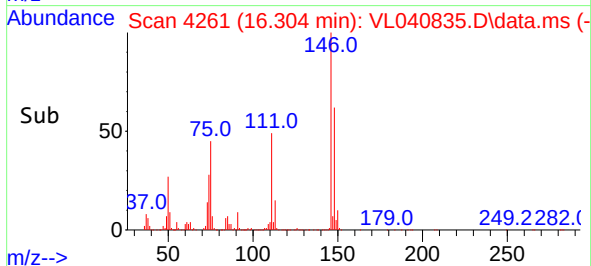
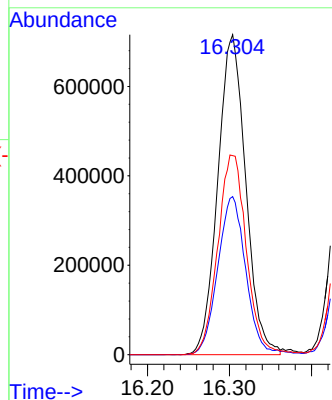
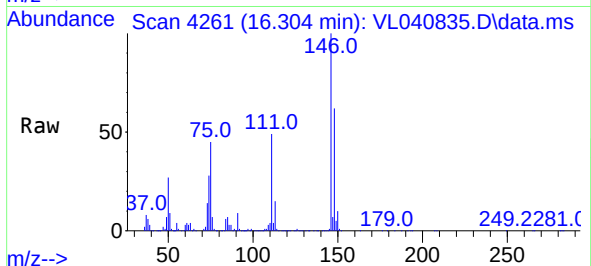
Tgt Ion:146 Resp: 1693597

Ion Ratio Lower Upper

146 100

111 49.9 24.9 74.8

148 64.3 32.1 96.5



#76

1,4-Dichlorobenzene

Concen: 9.230 ppbv

RT: 16.445 min Scan# 4305

Delta R.T. -0.019 min

Lab File: VL040835.D

Acq: 13 Nov 2023 10:45

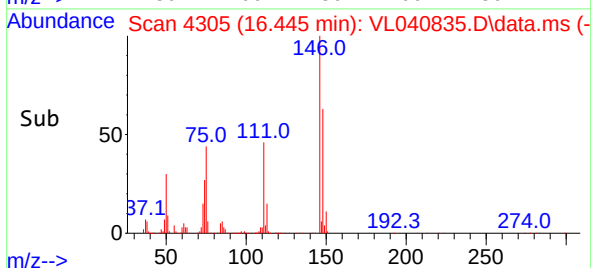
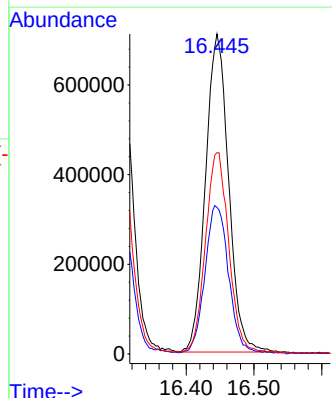
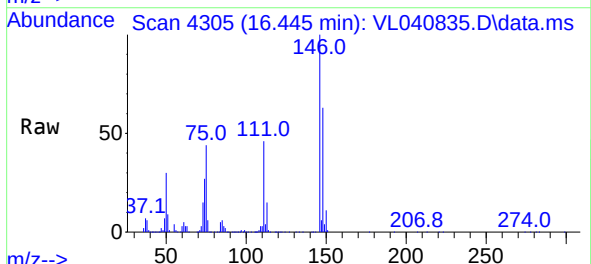
Tgt Ion:146 Resp: 1676012

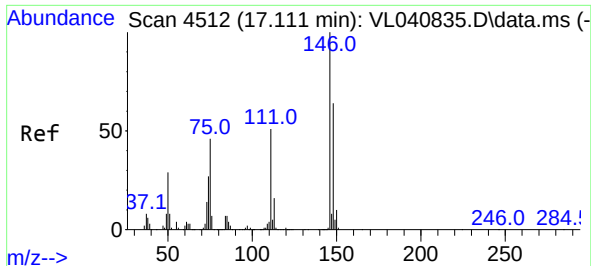
Ion Ratio Lower Upper

146 100

111 48.3 24.1 72.4

148 64.6 32.3 96.9

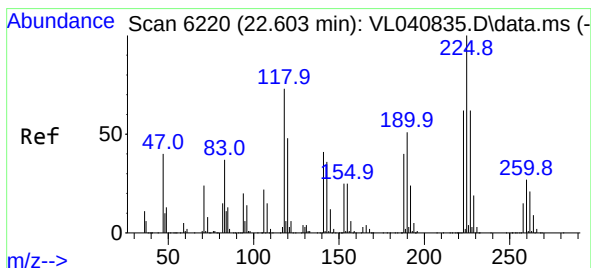
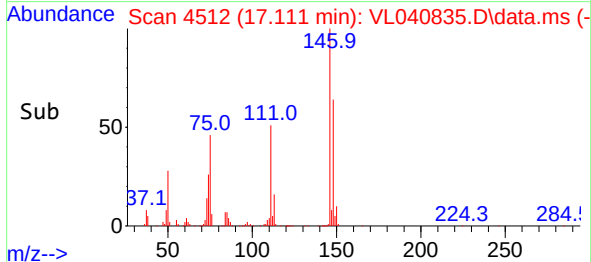
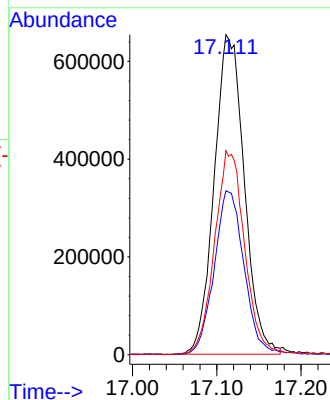
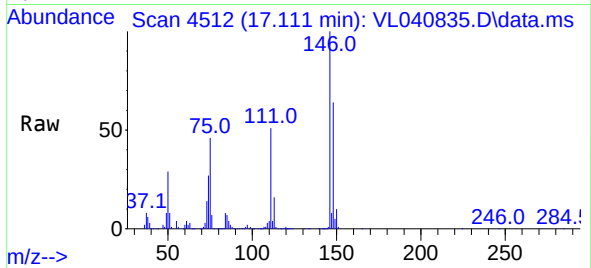




#77
1,2-Dichlorobenzene
Concen: 8.776 ppbv
RT: 17.111 min Scan# 4512
Delta R.T. -0.023 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

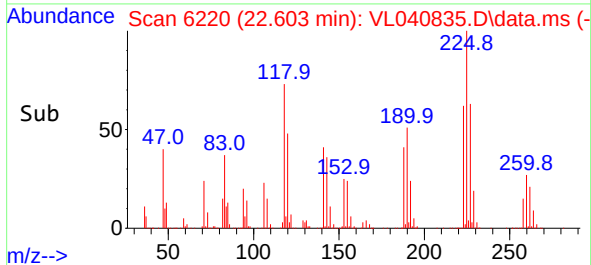
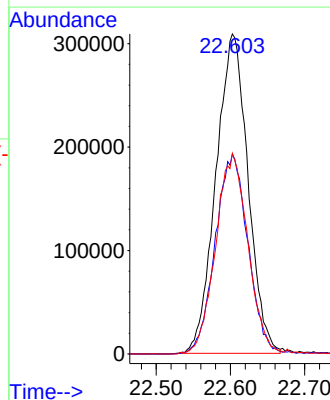
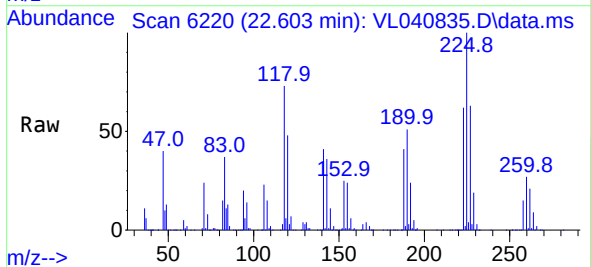
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

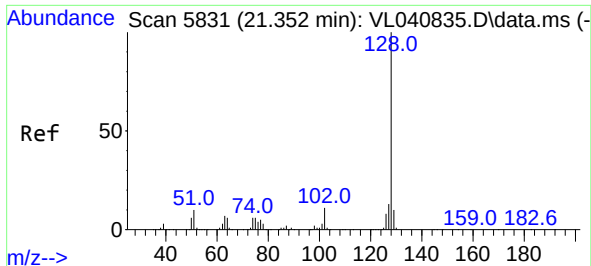
Tgt Ion:146 Resp: 1618441
Ion Ratio Lower Upper
146 100
111 51.1 25.7 77.1
148 63.9 32.3 96.9



#78
Hexachloro-1,3-Butadiene
Concen: 8.027 ppbv
RT: 22.603 min Scan# 6220
Delta R.T. -0.023 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Tgt Ion:225 Resp: 926924
Ion Ratio Lower Upper
225 100
223 63.9 51.1 76.7
227 63.5 50.8 76.2

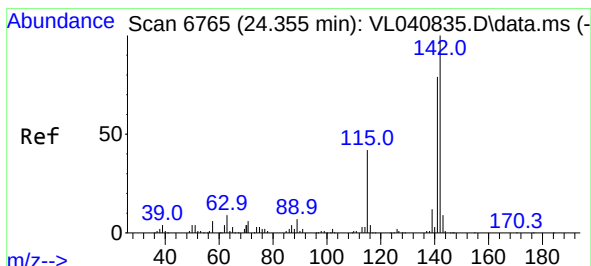
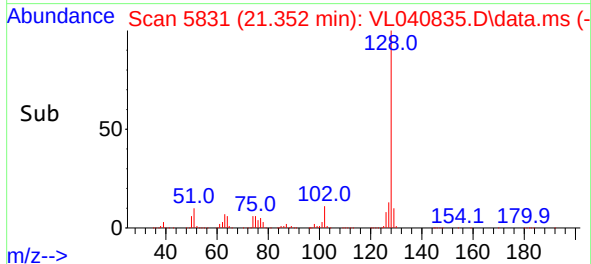
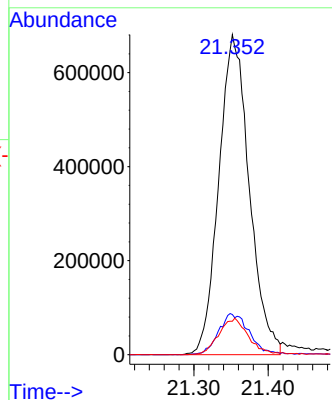
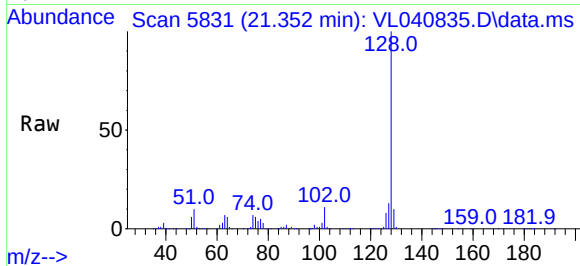




#79
Naphthalene
Concen: 10.960 ppbv
RT: 21.352 min Scan# 5831
Delta R.T. -0.026 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

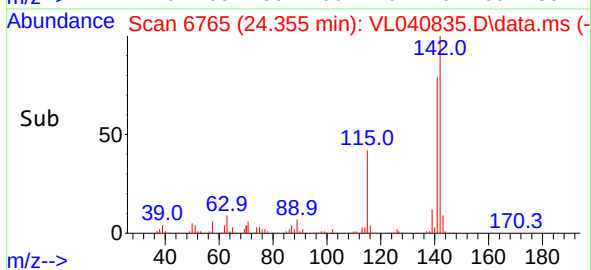
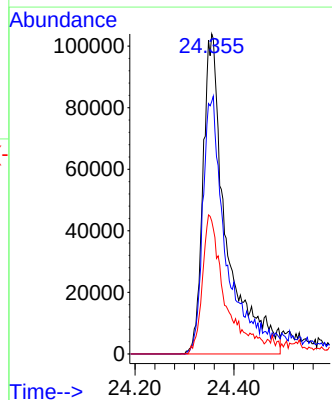
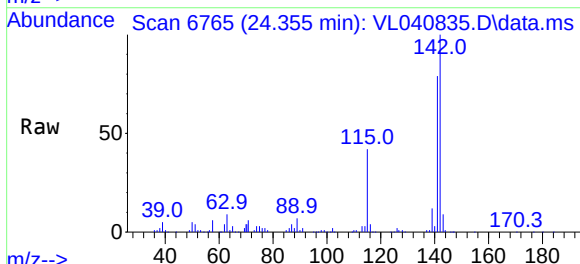
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

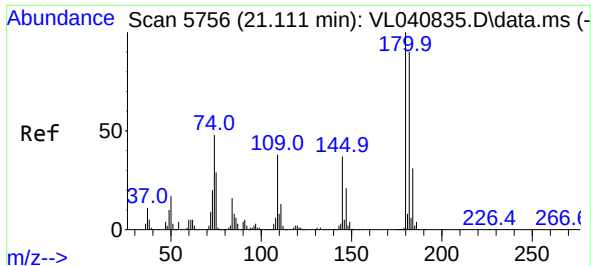
Tgt Ion:128 Resp: 1935083
Ion Ratio Lower Upper
128 100
127 12.5 10.0 15.0
129 10.4 8.3 12.5



#80
Naphthalene,2-methyl-
Concen: 10.955 ppbv
RT: 24.355 min Scan# 6765
Delta R.T. -0.019 min
Lab File: VL040835.D
Acq: 13 Nov 2023 10:45

Tgt Ion:142 Resp: 341422
Ion Ratio Lower Upper
142 100
141 82.3 65.8 98.8
115 44.5 35.6 53.4





#81

1,2,4-Trichlorobenzene

Concen: 9.516 ppbv

RT: 21.111 min Scan# 51

Delta R.T. -0.016 min

Lab File: VL040835.D

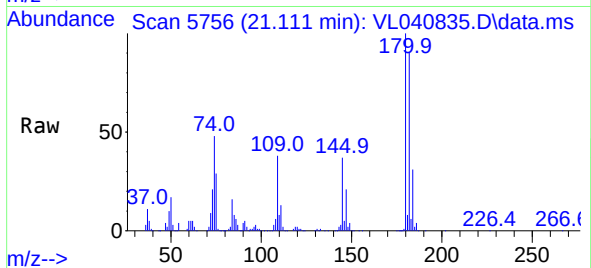
Acq: 13 Nov 2023 10:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion:180 Resp: 1021392

Ion Ratio Lower Upper

180 100

182 96.8 77.6 116.4

184 30.4 24.2 36.2

