

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012324\
 Data File : VL040990.D
 Acq On : 23 Jan 2024 9:43
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Quant Time: Jan 24 00:57:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jan 24 00:50:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.156	49	1102442	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.616	114	2811031	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.426	117	2681044	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.735	95	2020216	9.976	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.697	85	2158850	8.866	ppbv	100
3) Chlorodifluoromethane	2.642	51	1638297	8.835	ppbv	100
4) Chloromethane	2.780	50	616630	8.872	ppbv	100
5) Vinyl Chloride	2.886	62	656027	9.627	ppbv	100
6) Bromomethane	3.086	94	272147	9.173	ppbv	100
7) Chloroethane	3.163	64	221860	9.042	ppbv	100
8) Dichlorotetrafluoroethane	2.822	85	1614811	8.877	ppbv	100
9) Propene	2.661	41	535832	8.810	ppbv	100
10) Heptane	7.542	43	1409692	9.418	ppbv	100
11) Trichlorofluoromethane	3.526	101	1779897	9.072	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.031	101	1280928	9.008	ppbv	100
13) Ethanol	3.208	45	119928	8.274	ppbv	100
14) Bromoethene	3.333	108	512679	9.390	ppbv	100
15) Acetone	3.433	43	1156318	8.202	ppbv	100
16) 1,3-Butadiene	2.951	39	625531	9.275	ppbv	100
17) tert-Butyl alcohol	3.841	59	1154990	9.988	ppbv	100
18) 1,1-Dichloroethene	3.845	96	559498	9.190	ppbv	100
19) Isopropyl Alcohol	3.539	45	766885	9.397	ppbv	100
20) Methylene Chloride	3.896	84	455683	8.400	ppbv	100
21) Allyl Chloride	3.960	41	794431	9.274	ppbv	100
22) trans-1,2-Dichloroethene	4.411	96	579369	9.242	ppbv	100
23) Vinyl Acetate	4.591	43	1372269	9.443	ppbv	100
24) 1,1-Dichloroethane	4.526	63	1178207	9.139	ppbv	100
25) Ethyl Acetate	5.166	43	2366492	9.257	ppbv	100
26) Hexane	5.176	57	1005744	9.230	ppbv	100
27) Carbon Disulfide	4.089	76	1403803	9.900	ppbv	100
28) Methyl tert-Butyl Ether	4.549	73	840743	9.297	ppbv	100
29) Chloroform	5.240	83	1755640	9.084	ppbv	100
30) Cyclohexane	6.565	84	870118	9.531	ppbv	100
31) cis-1,2-Dichloroethene	5.041	61	933639	9.129	ppbv	100
32) 1,1,1-Trichloroethane	5.967	97	1768944	9.577	ppbv	100
34) 2-Butanone	4.748	43	1280949	9.565	ppbv	100
35) Carbon Tetrachloride	6.455	117	1854403	9.893	ppbv	100
36) Benzene	6.333	78	2213896	9.536	ppbv	100
37) 1,2-Dichloroethane	5.771	62	1357838	9.584	ppbv	100
38) Trichloroethene	7.253	130	876540	9.418	ppbv	100
39) 1,2-Dichloropropane	7.037	63	866648	9.476	ppbv	100
40) 1,4-Dioxane	7.246	88	363347	9.565	ppbv	100
41) Tetrahydrofuran	5.517	42	920602	10.124	ppbv	100
42) Bromodichloromethane	7.211	83	1980486	9.770	ppbv	100
43) Methyl Methacrylate	7.433	69	923144	10.305	ppbv	100
44) 2,2,4-Trimethylpentane	7.288	57	3667031	9.387	ppbv	100
45) t-1,3-Dichloropropene	8.671	75	675526	11.036	ppbv	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012324\
 Data File : VL040990.D
 Acq On : 23 Jan 2024 9:43
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

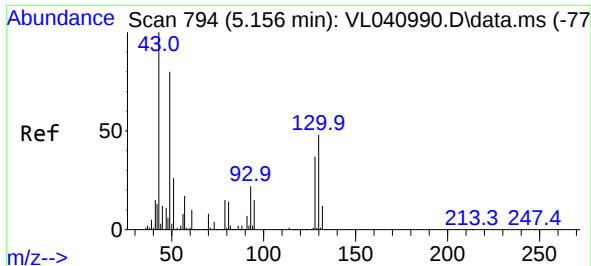
Quant Time: Jan 24 00:57:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jan 24 00:50:15 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.105	75	805620	10.554	ppbv	100
47) 1,1,2-Trichloroethane	8.861	97	950033	9.637	ppbv	100
48) Dibromochloromethane	9.671	129	1666600	10.000	ppbv	100
49) Bromoform	12.368	173	1375145	10.519	ppbv	100
50) 4-Methyl-2-Pentanone	8.143	43	2366821	10.035	ppbv	100
51) 2-Hexanone	9.510	43	1742676	10.251	ppbv	100
52) Tetrachloroethene	10.577	164	767594	9.956	ppbv	100
53) Toluene	9.182	91	2543388	10.001	ppbv	100
54) 1,2-Dibromoethane	9.970	107	1363939	10.216	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.468	131	1203777	9.358	ppbv	100
57) Chlorobenzene	11.487	112	1977195	9.168	ppbv	100
58) Ethyl Benzene	12.047	91	3468001	9.633	ppbv	100
59) m/p-Xylene	12.333	91	3276072	10.437	ppbv #	45
60) o-Xylene	13.018	91	2833693	9.409	ppbv	100
61) Styrene	12.857	104	1457030	10.536	ppbv	100
62) Isopropylbenzene	13.989	105	4114820	9.239	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.005	83	2083540	8.902	ppbv	100
64) n-propylbenzene	14.873	120	1060314	9.423	ppbv	100
65) tert-Butylbenzene	16.050	119	3638576	9.350	ppbv	100
66) Benzyl Chloride	16.288	91	260134	10.201	ppbv	100
67) sec-Butylbenzene	16.597	105	5143399	9.077	ppbv	100
69) p-Isopropyltoluene	16.957	119	4185762	9.537	ppbv	100
70) n-Butylbenzene	17.844	91	4445115	9.372	ppbv	100
71) 2-Chlorotoluene	14.757	91	3247747	9.450	ppbv	100
72) 4-Ethyltoluene	15.153	105	3246687	9.652	ppbv	100
73) 1,3,5-Trimethylbenzene	15.310	105	2824514	9.462	ppbv	100
74) 1,2,4-Trimethylbenzene	16.066	105	3125984	9.238	ppbv	100
75) 1,3-Dichlorobenzene	16.291	146	1780637	9.246	ppbv	100
76) 1,4-Dichlorobenzene	16.433	146	1751319	9.215	ppbv	100
77) 1,2-Dichlorobenzene	17.105	146	1749844	9.141	ppbv	100
78) Hexachloro-1,3-Butadiene	22.590	225	1000423	8.105	ppbv	100
79) Naphthalene	21.339	128	2339599	12.119	ppbv	100
80) Naphthalene,2-methyl-	24.342	142	422605	12.464	ppbv	100
81) 1,2,4-Trichlorobenzene	21.095	180	1131795	10.049	ppbv	100

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

Quant Time: Jan 24 00:57:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Jan 24 00:50:15 2024
Response via : Initial Calibration

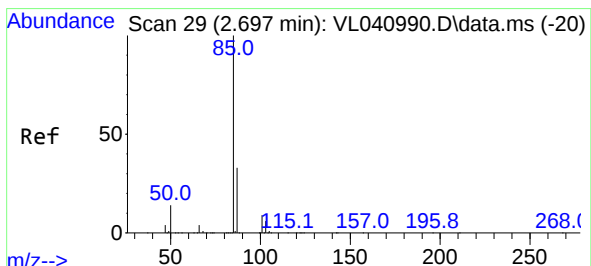
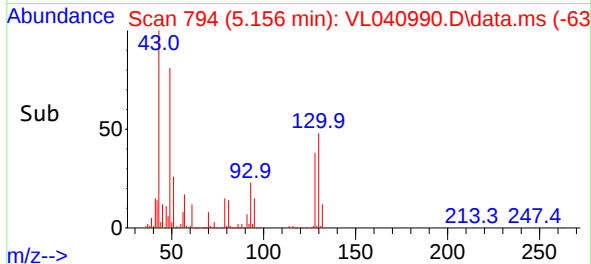
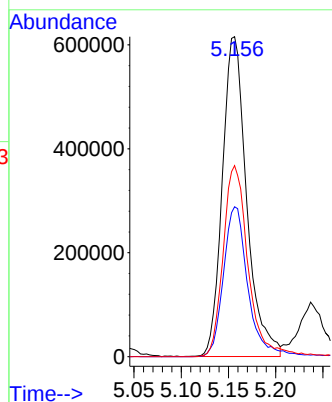
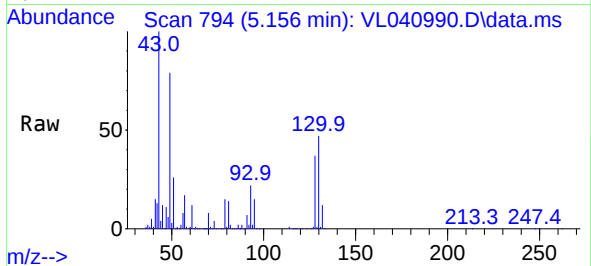




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.156 min Scan# 794
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

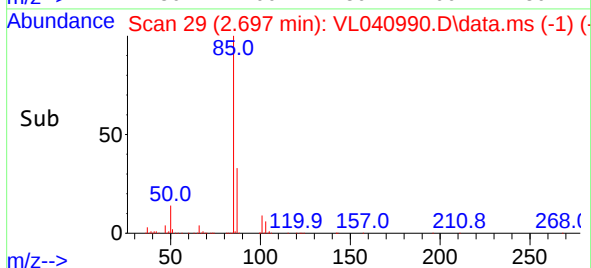
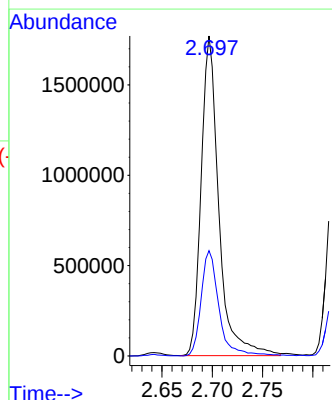
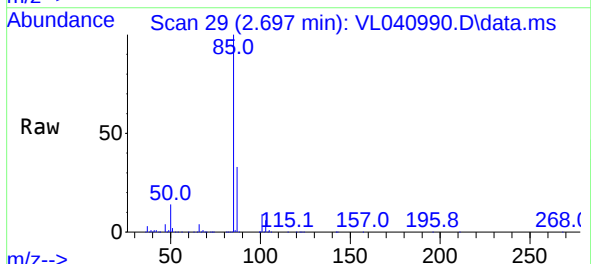
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

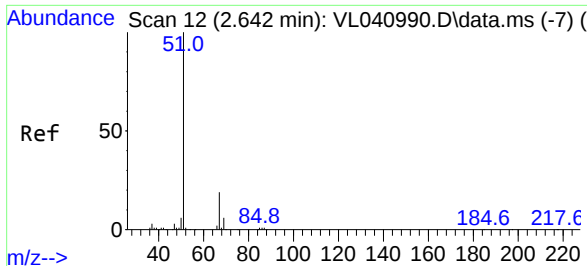
Tgt Ion: 49 Resp: 1102442
Ion Ratio Lower Upper
49 100
128 47.8 23.9 71.7
130 62.3 31.1 93.5



#2
Dichlorodifluoromethane
Concen: 8.866 ppbv
RT: 2.697 min Scan# 29
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Tgt Ion: 85 Resp: 2158850
Ion Ratio Lower Upper
85 100
87 32.9 26.3 39.5

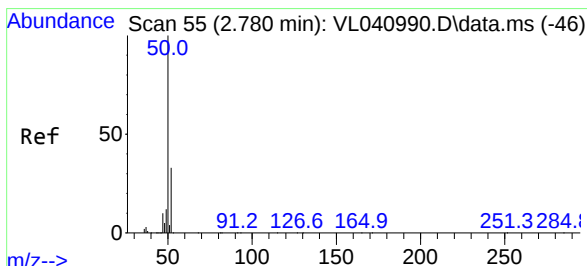
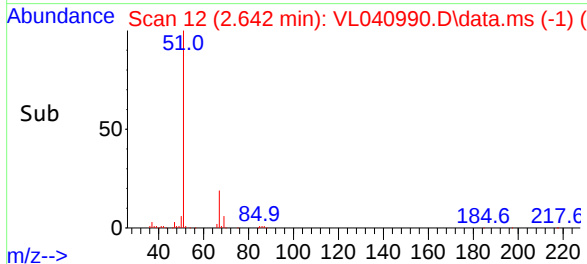
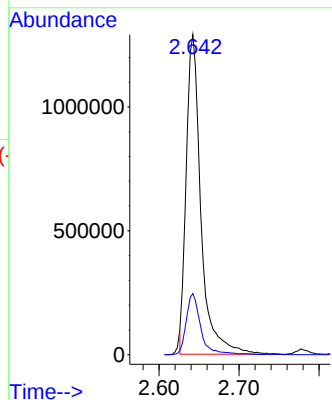
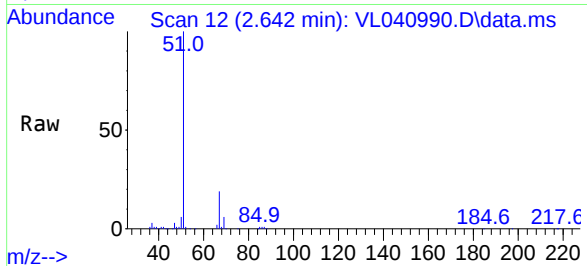




#3
Chlorodifluoromethane
Concen: 8.835 ppbv
RT: 2.642 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

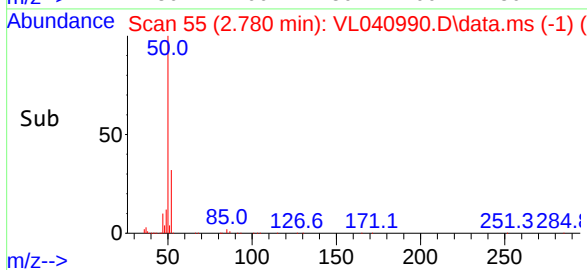
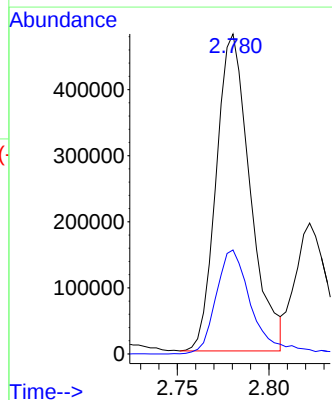
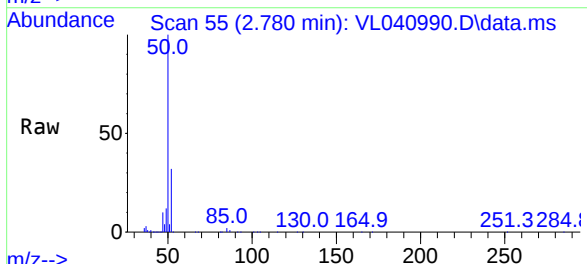
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 51 Resp: 1638297
Ion Ratio Lower Upper
51 100
67 18.5 14.8 22.2

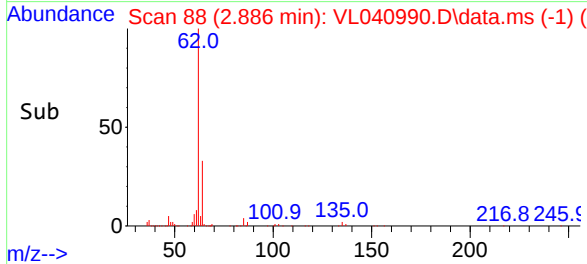
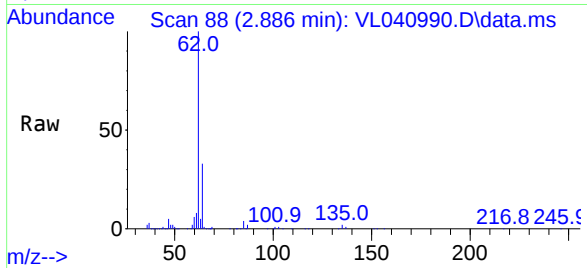
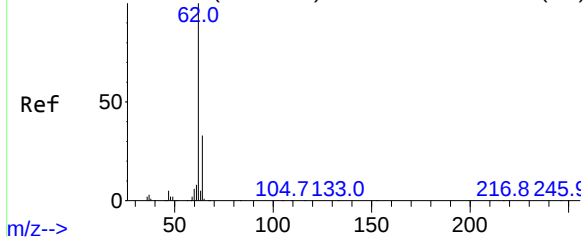


#4
Chloromethane
Concen: 8.872 ppbv
RT: 2.780 min Scan# 55
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Tgt Ion: 50 Resp: 616630
Ion Ratio Lower Upper
50 100
52 32.8 26.2 39.4



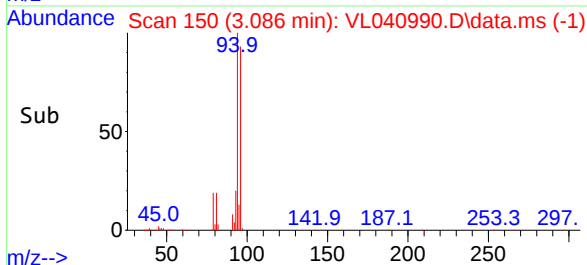
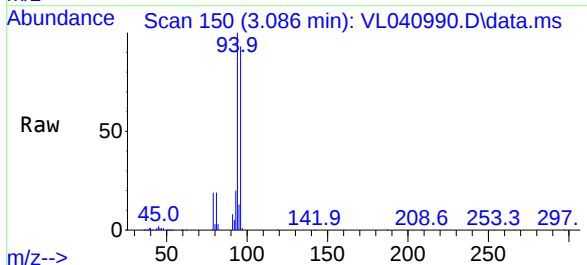
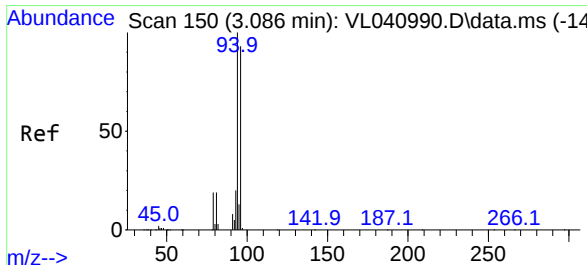
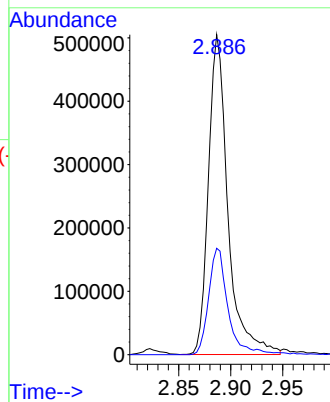
Abundance Scan 88 (2.886 min): VL040990.D\data.ms (-77)



#5
Vinyl Chloride
Concen: 9.627 ppbv
RT: 2.886 min Scan# 88
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

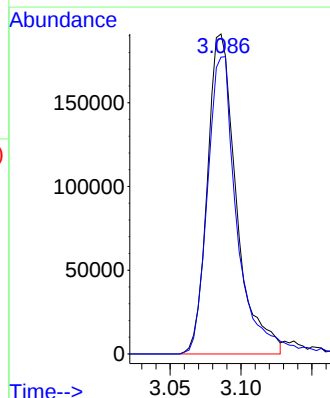
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

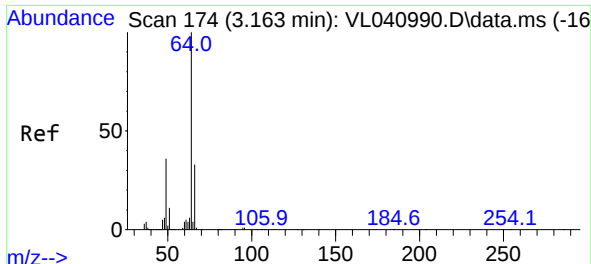
Tgt Ion: 62 Resp: 656027
Ion Ratio Lower Upper
62 100
64 33.3 26.6 40.0



#6
Bromomethane
Concen: 9.173 ppbv
RT: 3.086 min Scan# 150
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Tgt Ion: 94 Resp: 272147
Ion Ratio Lower Upper
94 100
96 92.8 74.2 111.4

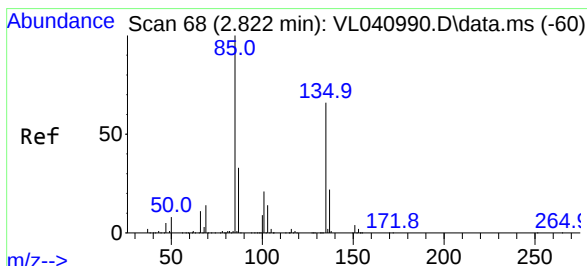
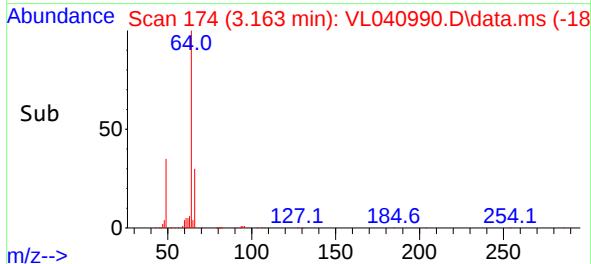
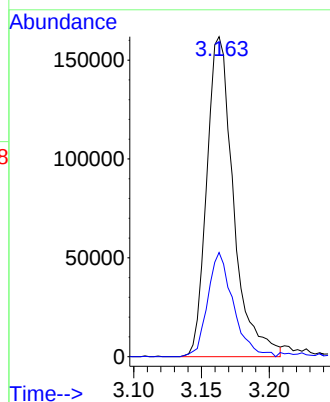
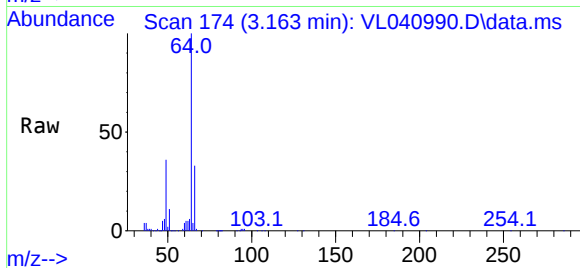




#7
Chloroethane
Concen: 9.042 ppbv
RT: 3.163 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

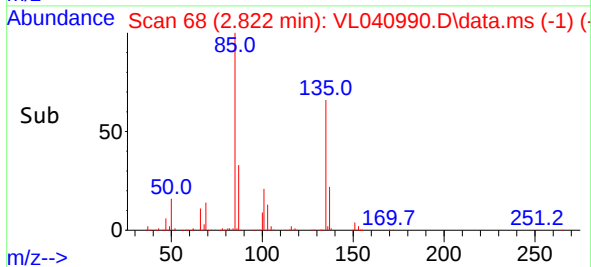
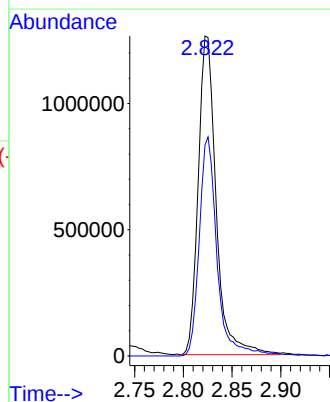
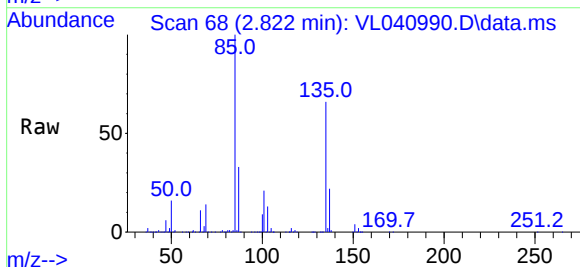
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

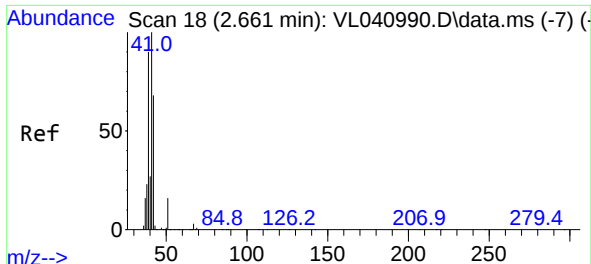
Tgt Ion: 64 Resp: 221860
Ion Ratio Lower Upper
64 100
66 32.5 26.0 39.0



#8
Dichlorotetrafluoroethane
Concen: 8.877 ppbv
RT: 2.822 min Scan# 68
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Tgt Ion: 85 Resp: 1614811
Ion Ratio Lower Upper
85 100
135 68.8 55.0 82.6

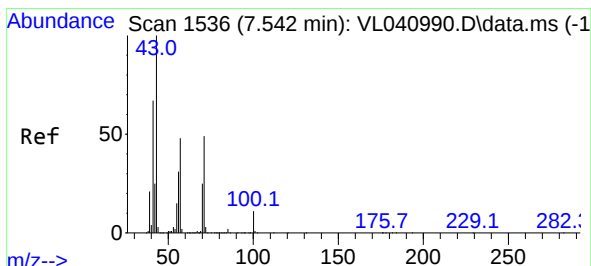
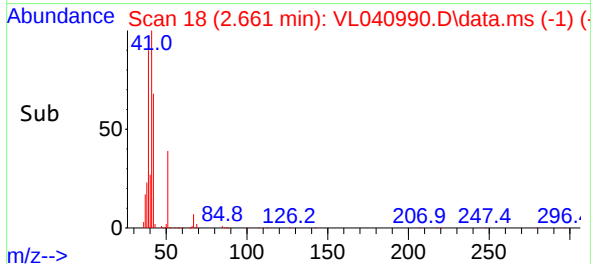
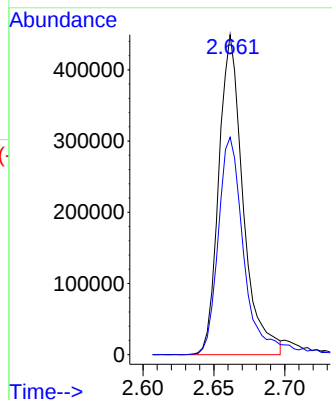
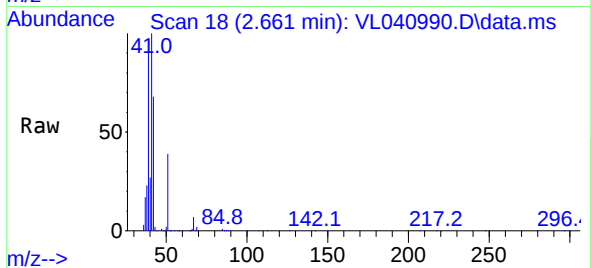




#9
 Propene
 Concen: 8.810 ppbv
 RT: 2.661 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VL040990.D
 Acq: 23 Jan 2024 9:43

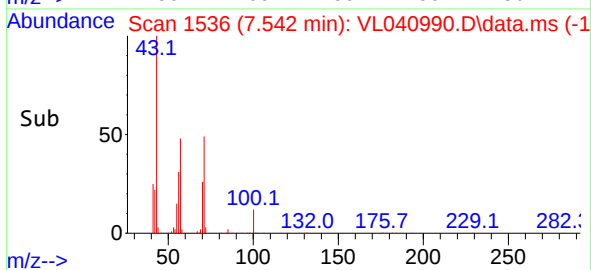
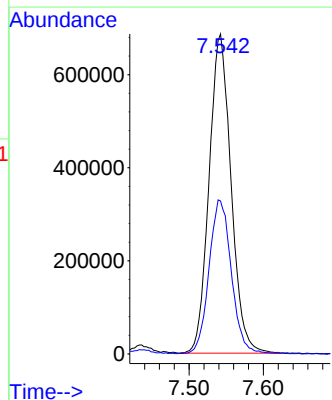
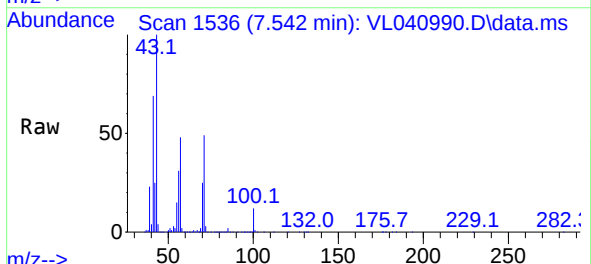
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

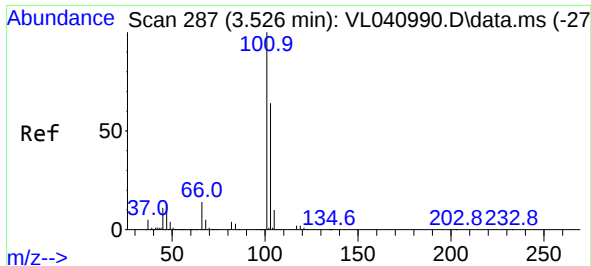
Tgt Ion: 41 Resp: 535832
 Ion Ratio Lower Upper
 41 100
 42 73.7 59.0 88.4



#10
 Heptane
 Concen: 9.418 ppbv
 RT: 7.542 min Scan# 1536
 Delta R.T. 0.000 min
 Lab File: VL040990.D
 Acq: 23 Jan 2024 9:43

Tgt Ion: 43 Resp: 1409692
 Ion Ratio Lower Upper
 43 100
 57 49.3 39.4 59.2

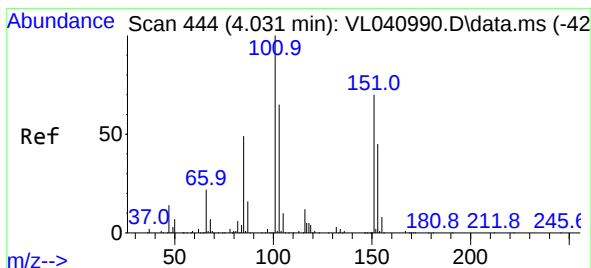
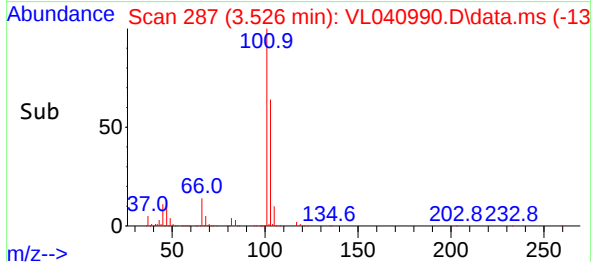
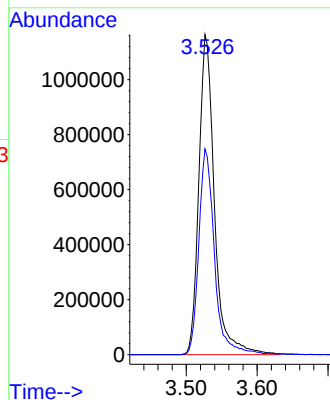
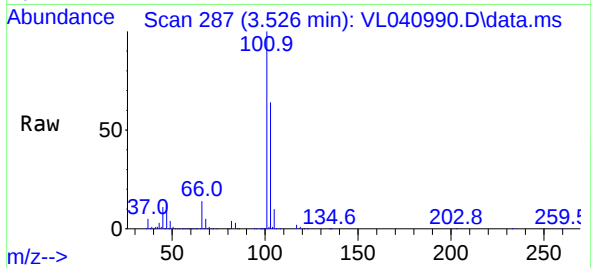




#11
 Trichlorofluoromethane
 Concen: 9.072 ppbv
 RT: 3.526 min Scan# 287
 Delta R.T. 0.000 min
 Lab File: VL040990.D
 Acq: 23 Jan 2024 9:43

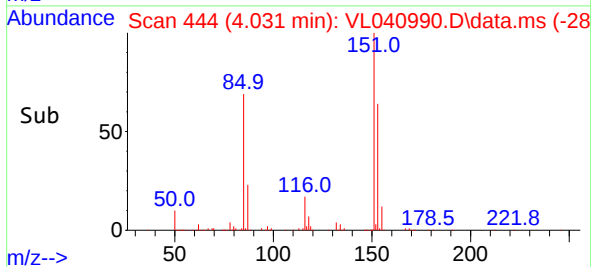
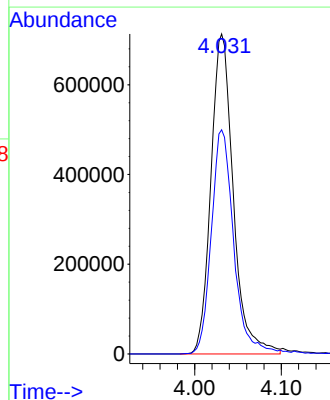
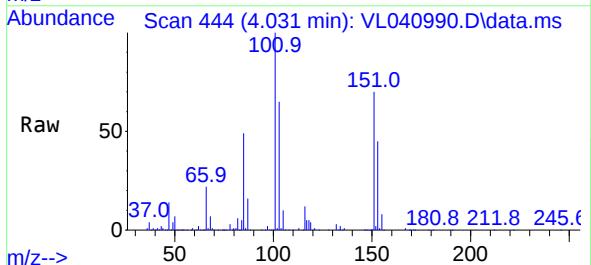
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

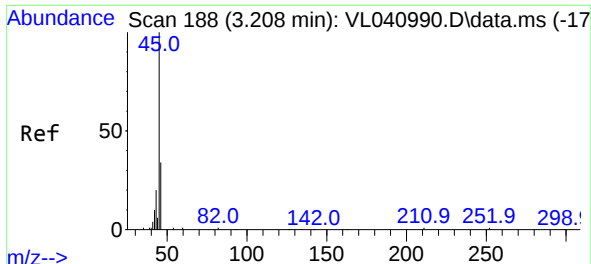
Tgt Ion:101 Resp: 1779897
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.4 77.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.008 ppbv
 RT: 4.031 min Scan# 444
 Delta R.T. 0.000 min
 Lab File: VL040990.D
 Acq: 23 Jan 2024 9:43

Tgt Ion:101 Resp: 1280928
 Ion Ratio Lower Upper
 101 100
 151 70.8 56.6 85.0

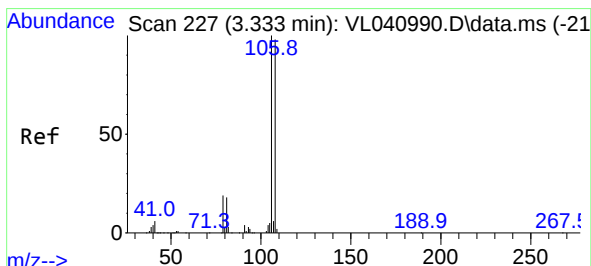
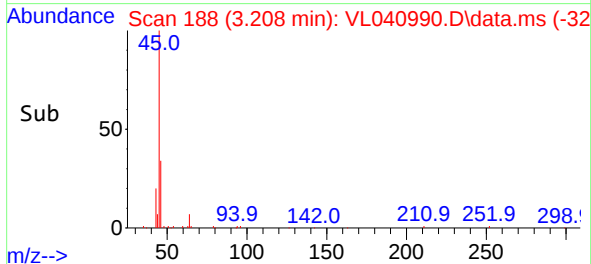
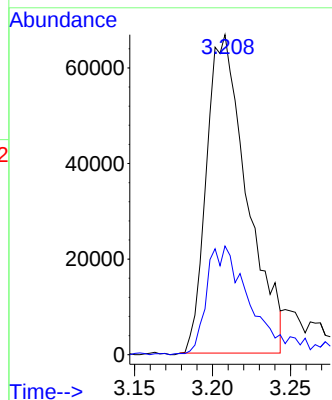
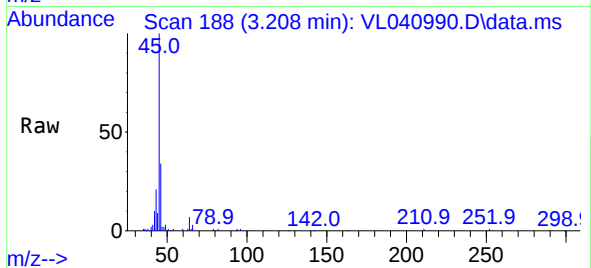




#13
Ethanol
Concen: 8.274 ppbv
RT: 3.208 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

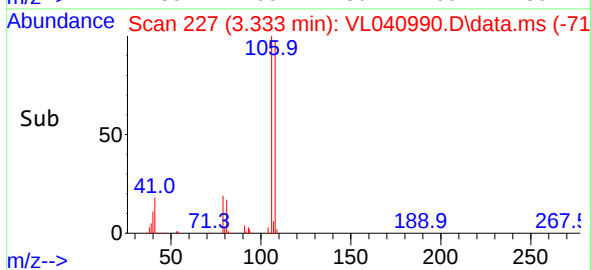
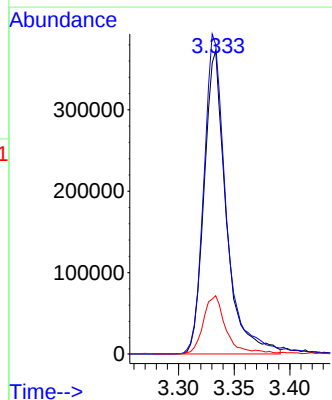
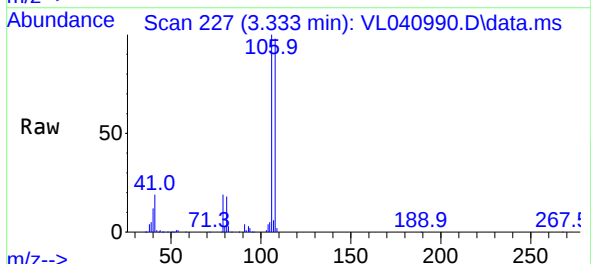
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

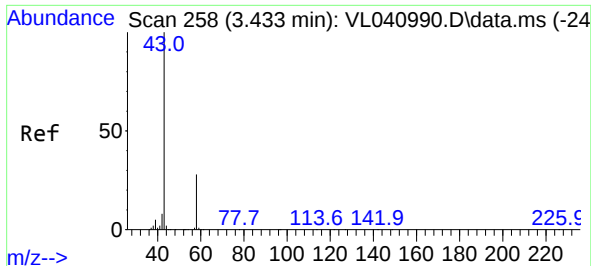
Tgt Ion: 45 Resp: 119928
Ion Ratio Lower Upper
45 100
46 40.5 16.2 64.8



#14
Bromoethene
Concen: 9.390 ppbv
RT: 3.333 min Scan# 227
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Tgt Ion: 108 Resp: 512679
Ion Ratio Lower Upper
108 100
106 108.0 86.4 129.6
79 20.3 16.2 24.4

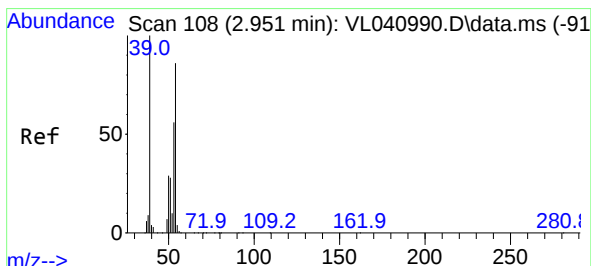
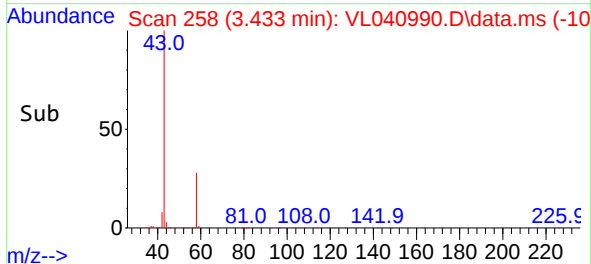
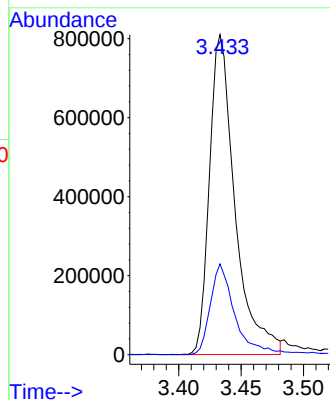
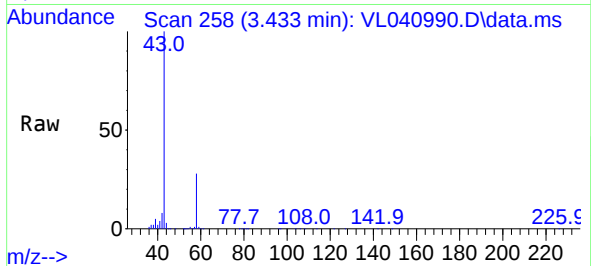




#15
Acetone
Concen: 8.202 ppbv
RT: 3.433 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

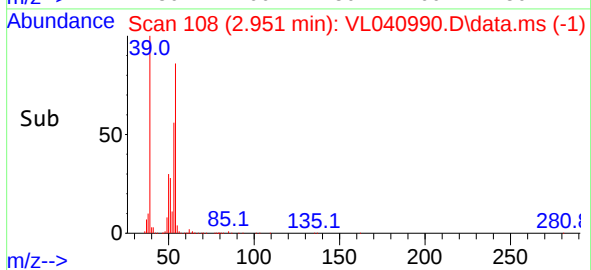
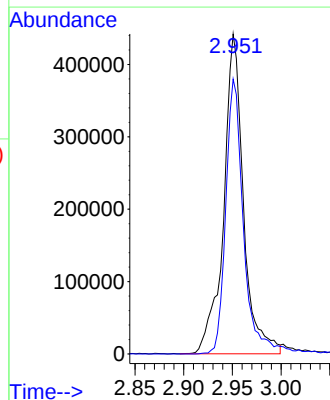
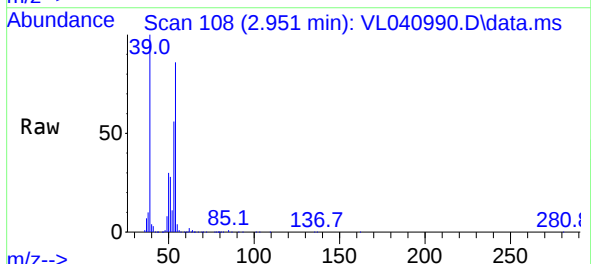
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

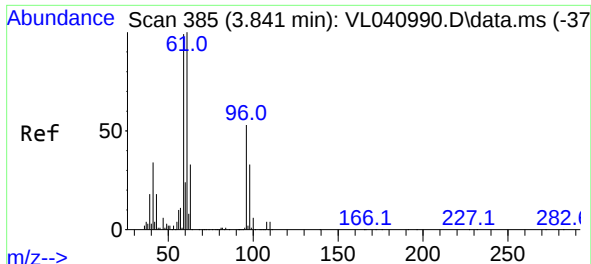
Tgt Ion: 43 Resp: 1156318
Ion Ratio Lower Upper
43 100
58 27.7 22.2 33.2



#16
1,3-Butadiene
Concen: 9.275 ppbv
RT: 2.951 min Scan# 108
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Tgt Ion: 39 Resp: 625531
Ion Ratio Lower Upper
39 100
54 78.4 62.7 94.1

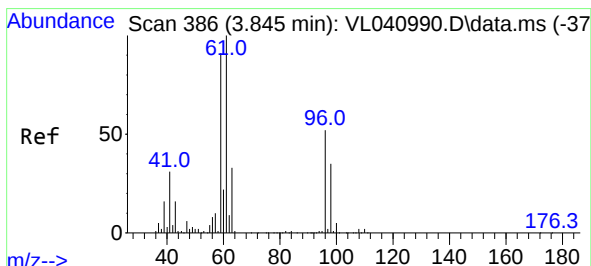
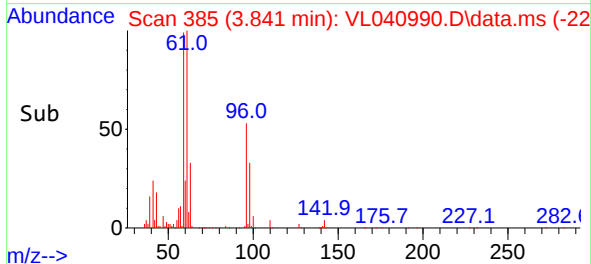
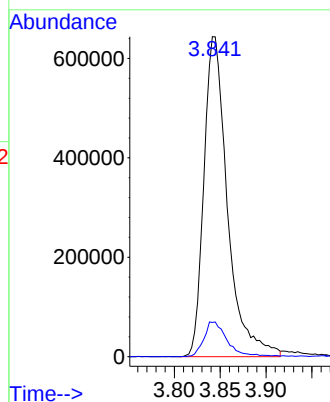
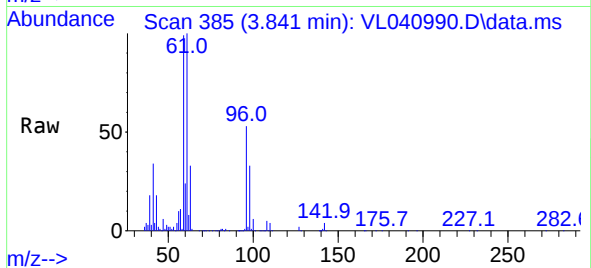




#17
tert-Butyl alcohol
Concen: 9.988 ppbv
RT: 3.841 min Scan# 385
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

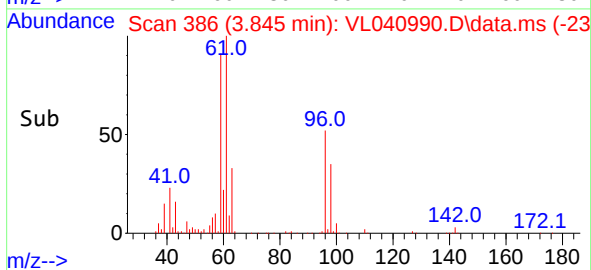
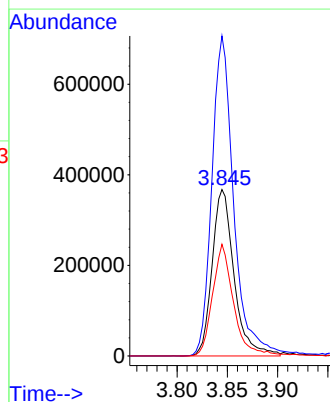
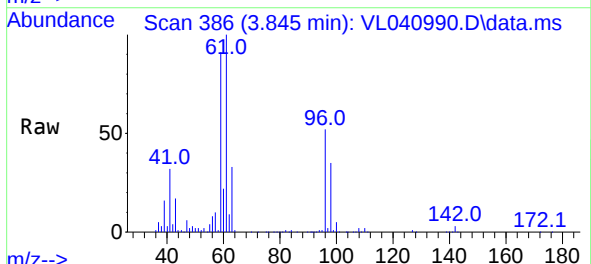
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

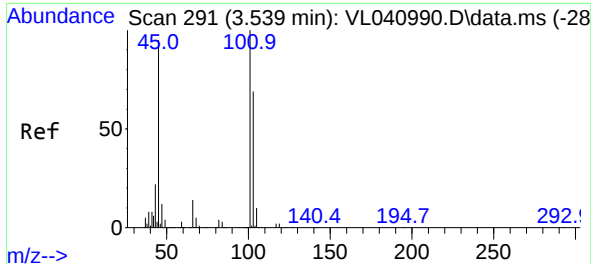
Tgt Ion: 59 Resp: 1154990
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1



#18
1,1-Dichloroethene
Concen: 9.190 ppbv
RT: 3.845 min Scan# 386
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Tgt Ion: 96 Resp: 559498
Ion Ratio Lower Upper
96 100
61 192.3 153.8 230.8
98 67.1 53.7 80.5

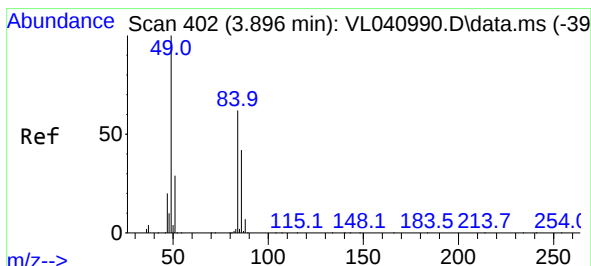
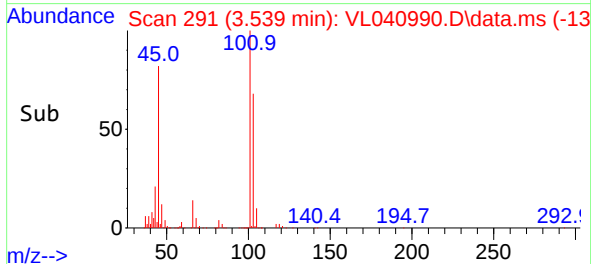
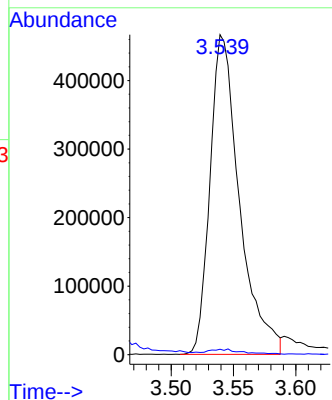
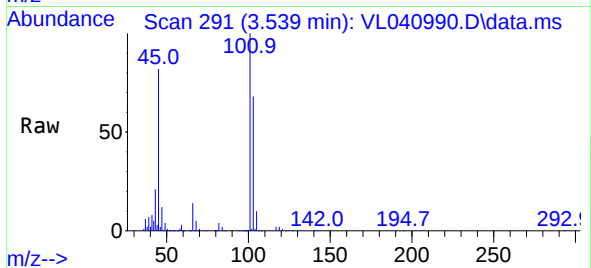




#19
Isopropyl Alcohol
Concen: 9.397 ppbv
RT: 3.539 min Scan# 291
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

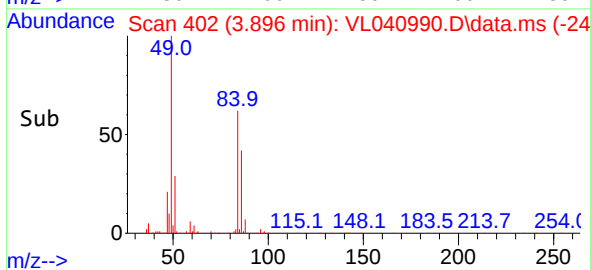
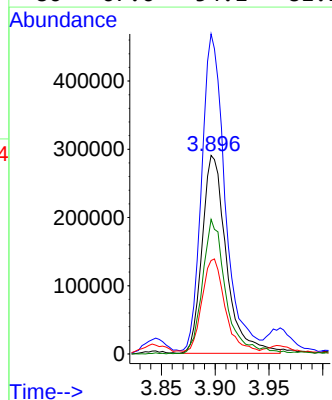
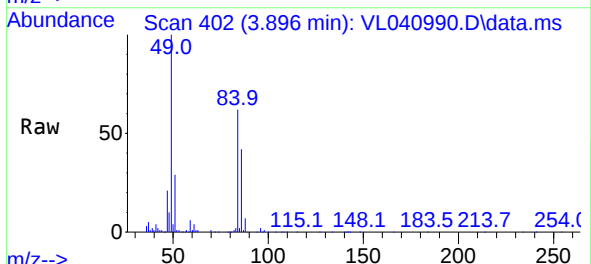
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

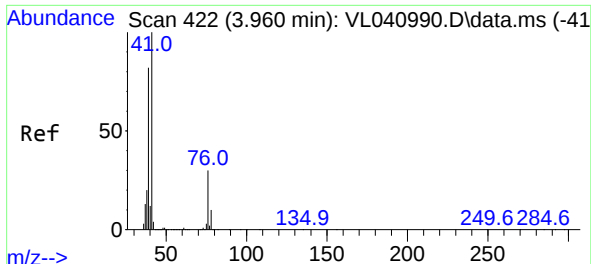
Tgt Ion: 45 Resp: 766885
Ion Ratio Lower Upper
45 100
58 2.8 2.2 3.4



#20
Methylene Chloride
Concen: 8.400 ppbv
RT: 3.896 min Scan# 402
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Tgt Ion: 84 Resp: 455683
Ion Ratio Lower Upper
84 100
49 160.1 128.1 192.1
51 45.6 36.5 54.7
86 67.6 54.1 81.1

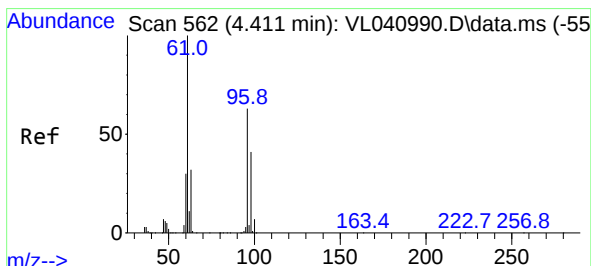
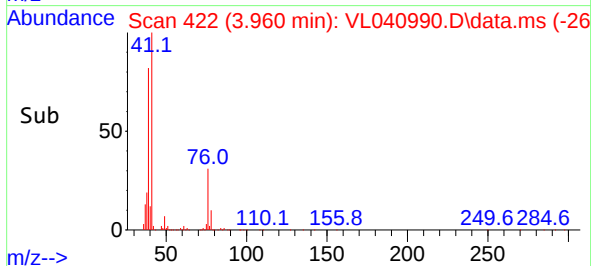
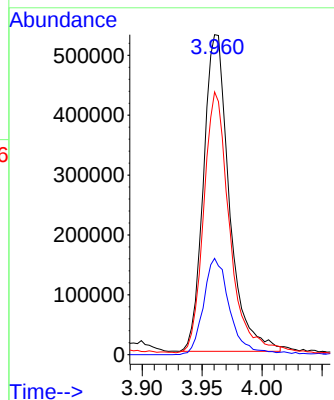
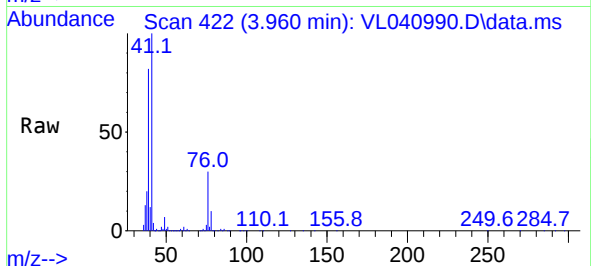




#21
 Allyl Chloride
 Concen: 9.274 ppbv
 RT: 3.960 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040990.D
 Acq: 23 Jan 2024 9:43

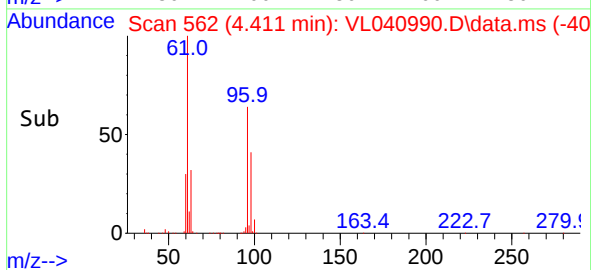
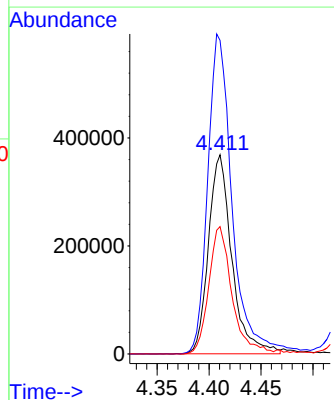
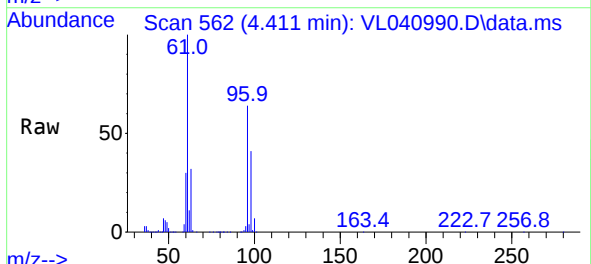
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

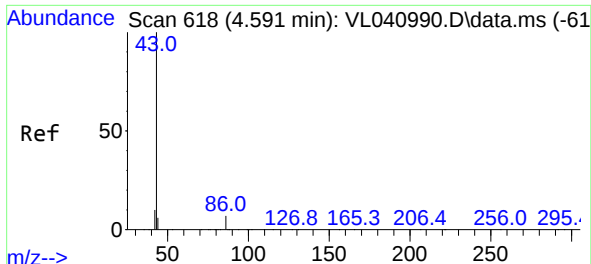
Tgt Ion: 41 Resp: 794431
 Ion Ratio Lower Upper
 41 100
 76 31.2 25.0 37.4
 39 83.8 67.0 100.6



#22
 trans-1,2-Dichloroethene
 Concen: 9.242 ppbv
 RT: 4.411 min Scan# 562
 Delta R.T. 0.000 min
 Lab File: VL040990.D
 Acq: 23 Jan 2024 9:43

Tgt Ion: 96 Resp: 579369
 Ion Ratio Lower Upper
 96 100
 61 157.5 126.0 189.0
 98 64.0 51.2 76.8



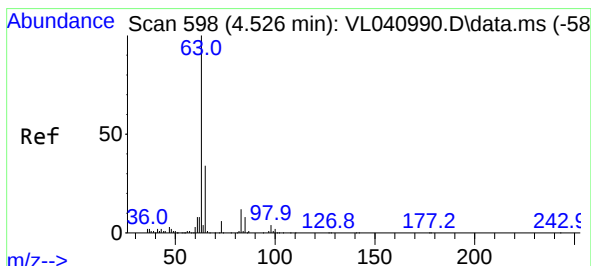
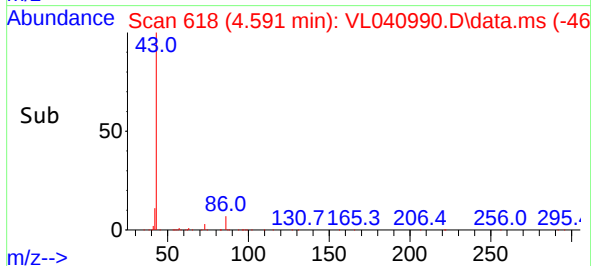
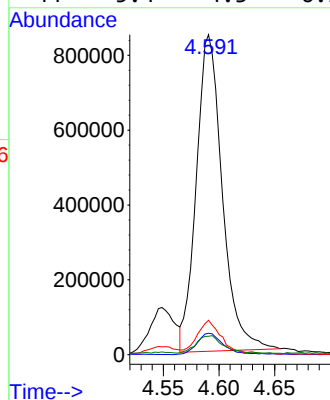
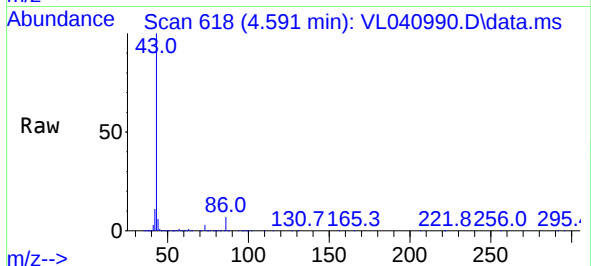


#23
Vinyl Acetate
Concen: 9.443 ppbv
RT: 4.591 min Scan# 618
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 1372269

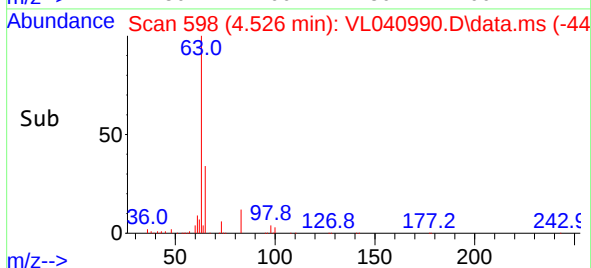
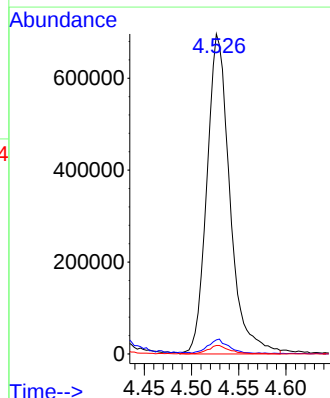
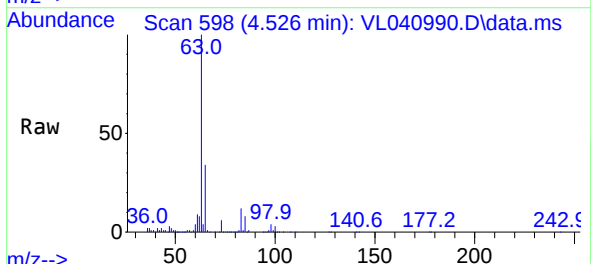
Ion	Ratio	Lower	Upper
43	100		
86	6.7	5.4	8.0
42	10.8	8.6	13.0
44	5.4	4.3	6.5

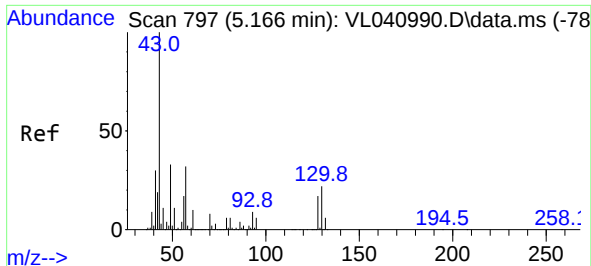


#24
1,1-Dichloroethane
Concen: 9.139 ppbv
RT: 4.526 min Scan# 598
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Tgt Ion: 63 Resp: 1178207

Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.1	6.3
100	2.6	1.3	3.9



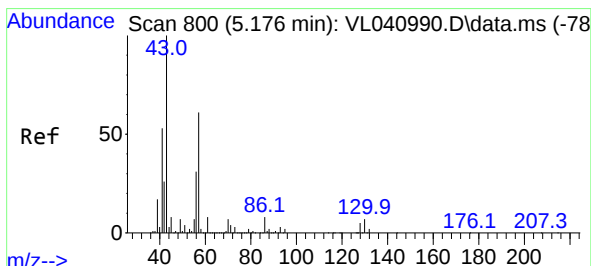
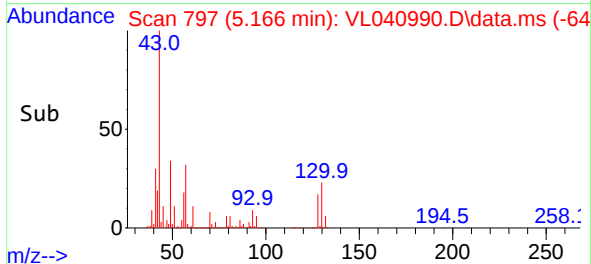
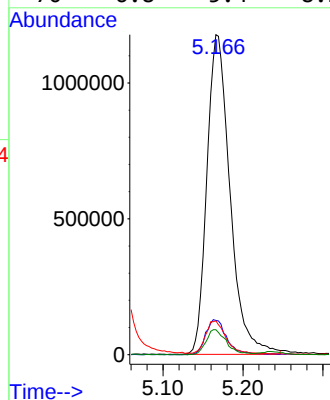
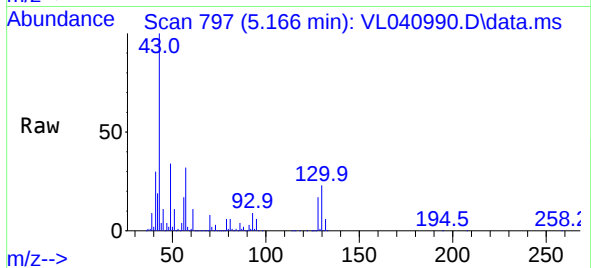


#25
Ethyl Acetate
Concen: 9.257 ppbv
RT: 5.166 min Scan# 797
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 2366492

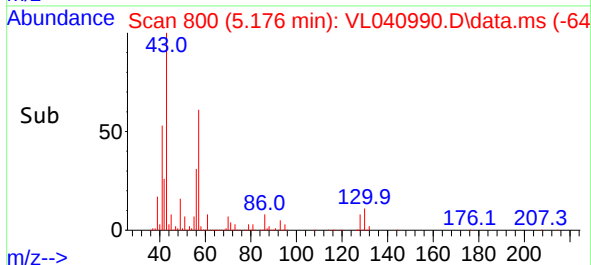
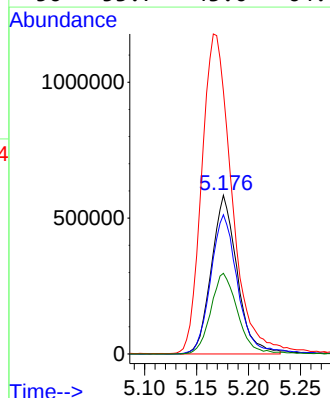
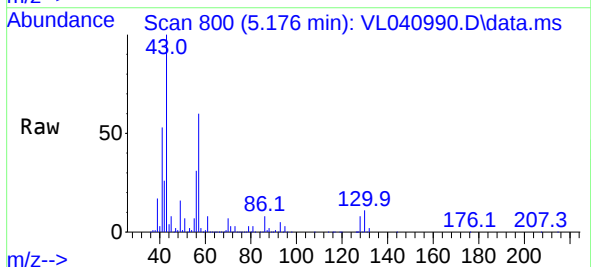
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.2	12.4
61	9.9	7.9	11.9
70	6.8	5.4	8.2

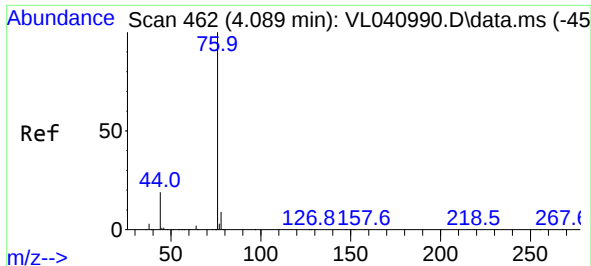


#26
Hexane
Concen: 9.230 ppbv
RT: 5.176 min Scan# 800
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Tgt Ion: 57 Resp: 1005744

Ion	Ratio	Lower	Upper
57	100		
41	93.0	74.4	111.6
43	238.2	190.6	285.8
56	53.7	43.0	64.4

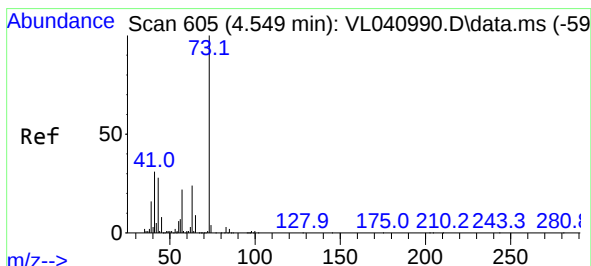
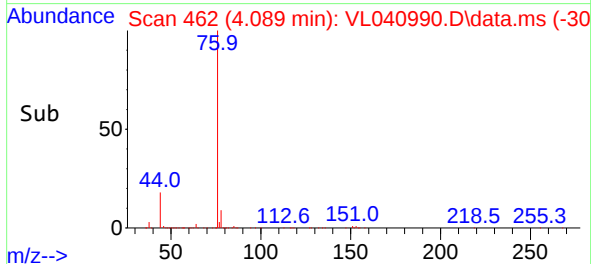
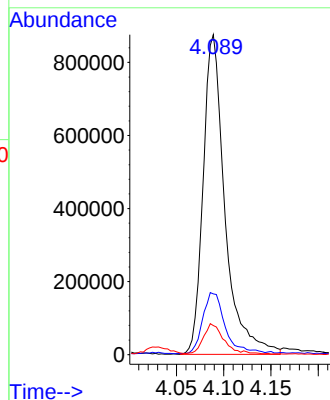
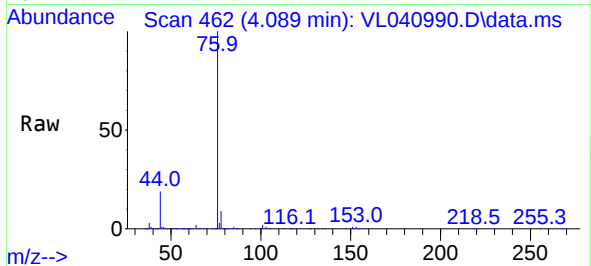




#27
Carbon Disulfide
Concen: 9.900 ppbv
RT: 4.089 min Scan# 40
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

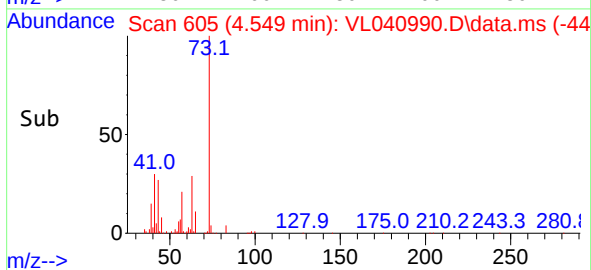
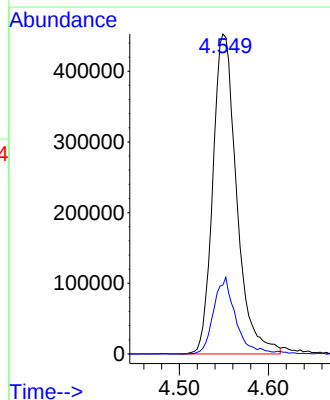
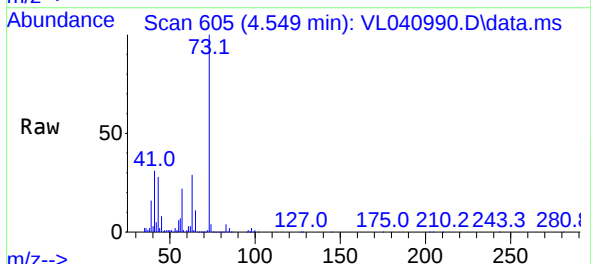
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

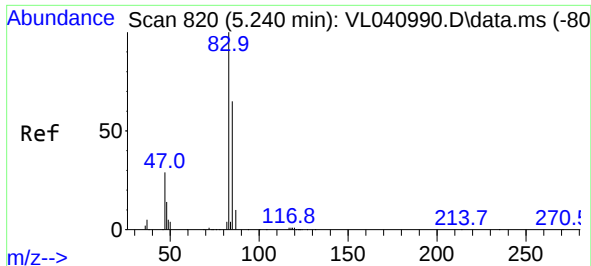
Tgt Ion: 76 Resp: 1403803
Ion Ratio Lower Upper
76 100
44 20.0 16.0 24.0
78 9.8 7.8 11.8



#28
Methyl tert-Butyl Ether
Concen: 9.297 ppbv
RT: 4.549 min Scan# 605
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Tgt Ion: 73 Resp: 840743
Ion Ratio Lower Upper
73 100
57 22.5 18.0 27.0

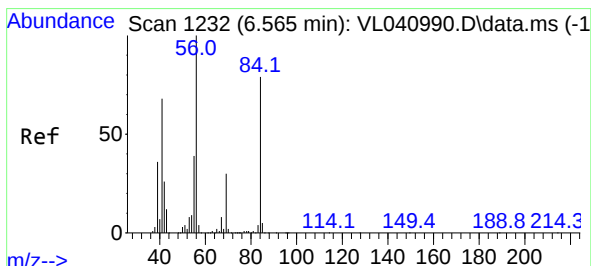
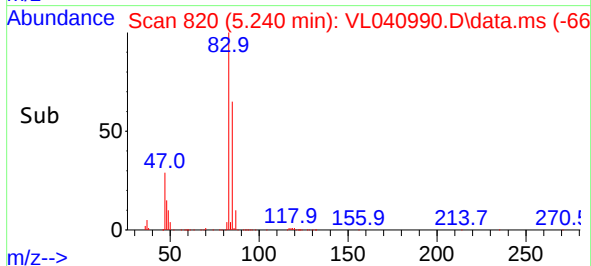
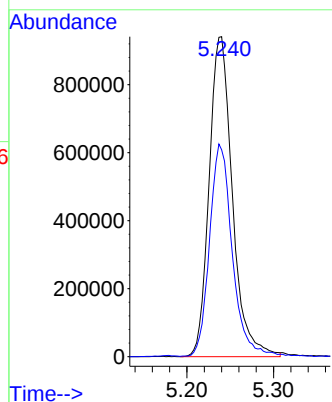
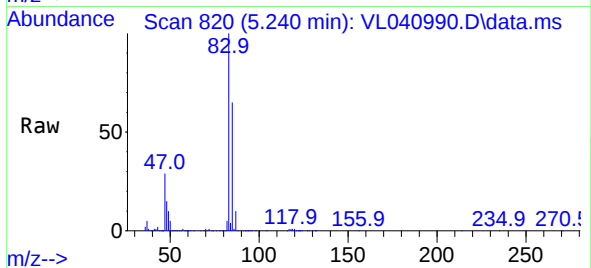




#29
Chloroform
Concen: 9.084 ppbv
RT: 5.240 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

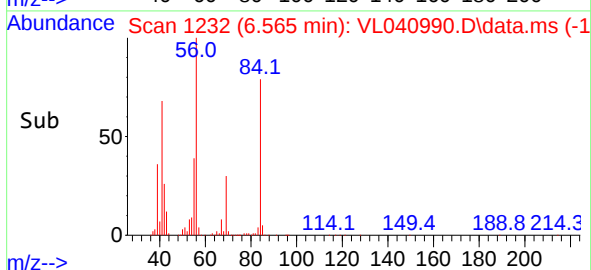
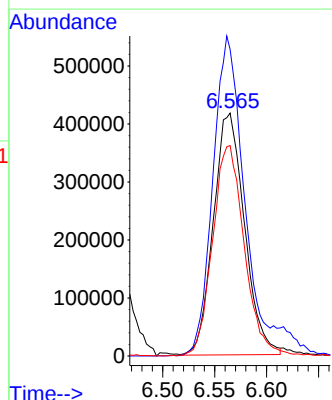
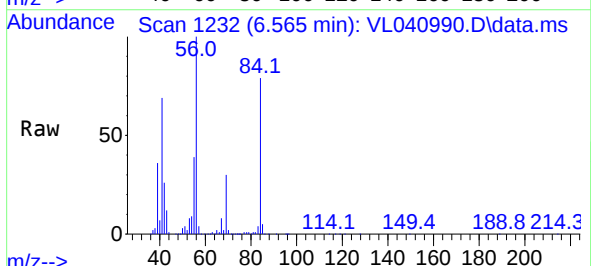
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

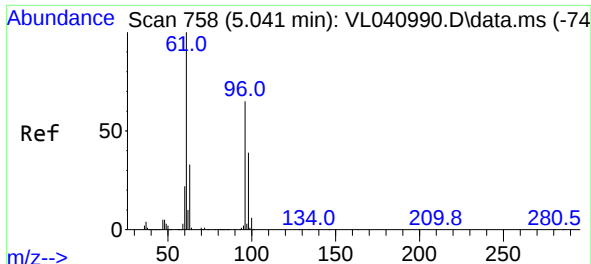
Tgt Ion: 83 Resp: 1755640
Ion Ratio Lower Upper
83 100
85 64.5 51.6 77.4



#30
Cyclohexane
Concen: 9.531 ppbv
RT: 6.565 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Tgt Ion: 84 Resp: 870118
Ion Ratio Lower Upper
84 100
56 139.6 111.7 167.5
41 88.8 71.0 106.6

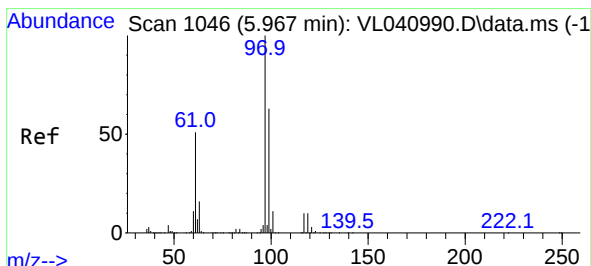
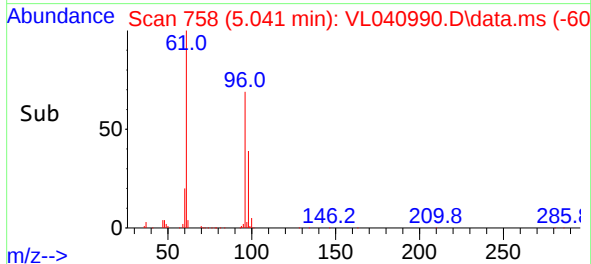
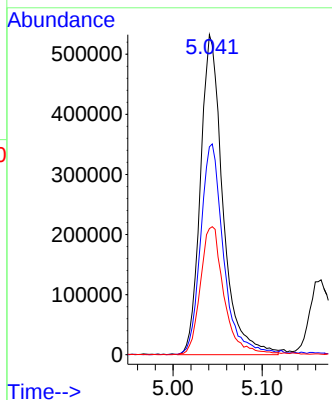
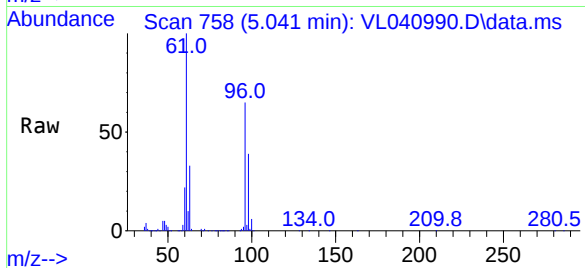




#31
 cis-1,2-Dichloroethene
 Concen: 9.129 ppbv
 RT: 5.041 min Scan# 758
 Delta R.T. 0.000 min
 Lab File: VL040990.D
 Acq: 23 Jan 2024 9:43

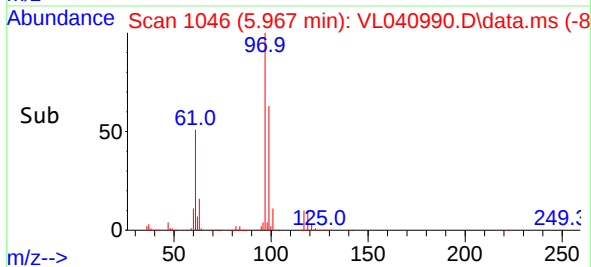
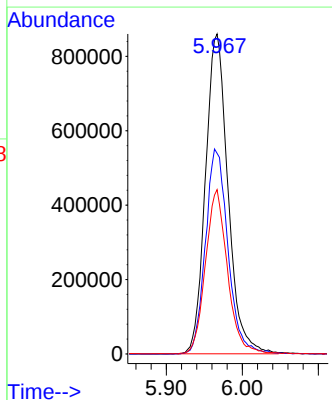
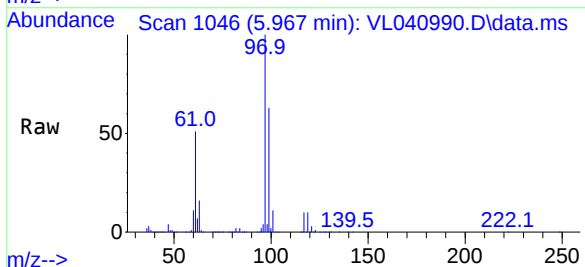
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

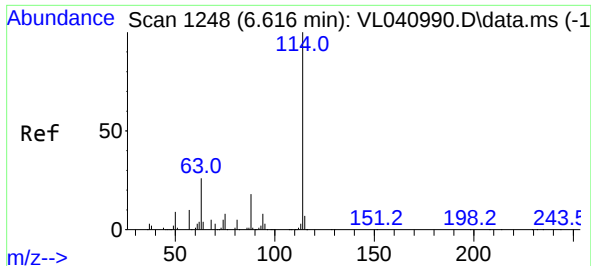
Tgt Ion: 61 Resp: 933639
 Ion Ratio Lower Upper
 61 100
 96 64.9 51.9 77.9
 98 39.4 31.5 47.3



#32
 1,1,1-Trichloroethane
 Concen: 9.577 ppbv
 RT: 5.967 min Scan# 1046
 Delta R.T. 0.000 min
 Lab File: VL040990.D
 Acq: 23 Jan 2024 9:43

Tgt Ion: 97 Resp: 1768944
 Ion Ratio Lower Upper
 97 100
 99 64.4 51.5 77.3
 61 50.4 40.3 60.5

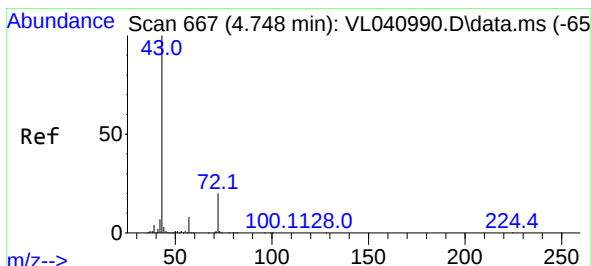
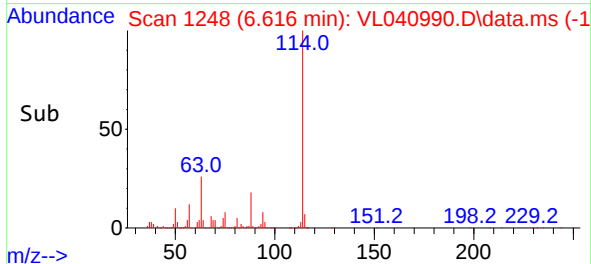
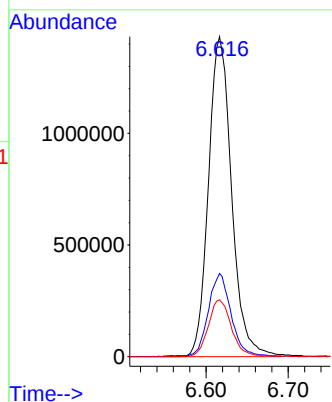
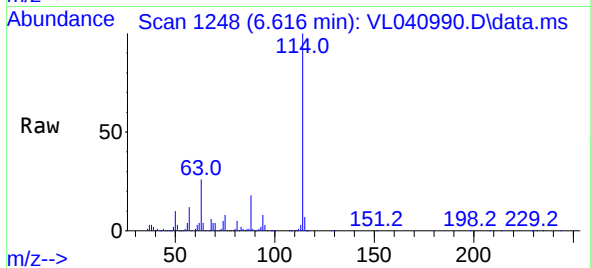




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.616 min Scan# 114
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

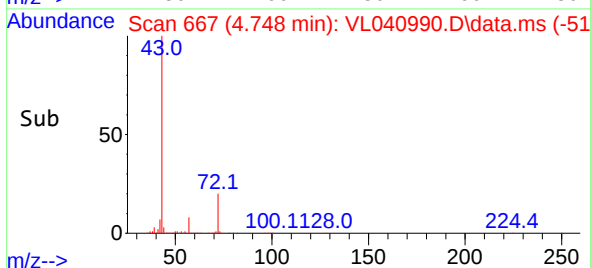
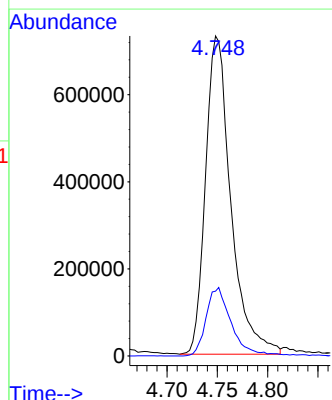
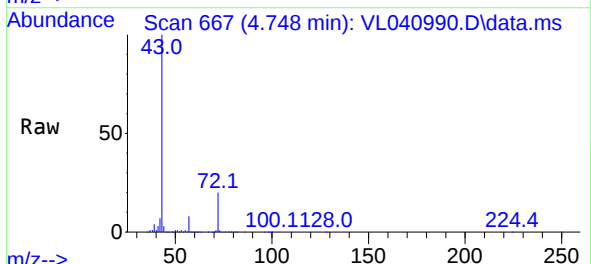
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

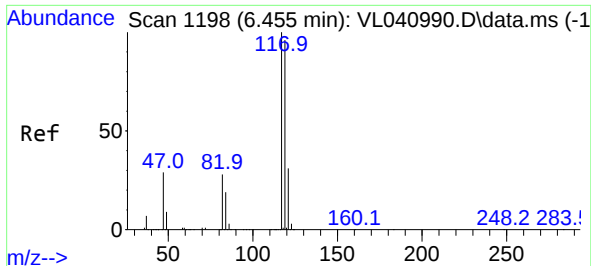
Tgt Ion:114 Resp: 2811031
Ion Ratio Lower Upper
114 100
63 26.0 20.8 31.2
88 17.9 14.3 21.5



#34
2-Butanone
Concen: 9.565 ppbv
RT: 4.748 min Scan# 667
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Tgt Ion: 43 Resp: 1280949
Ion Ratio Lower Upper
43 100
72 21.9 17.5 26.3

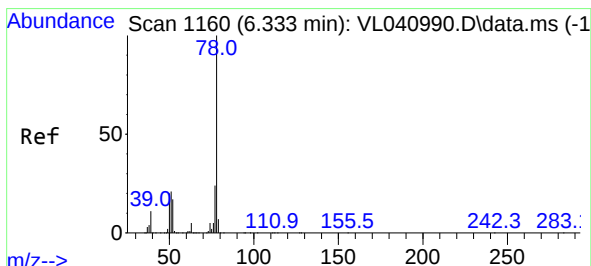
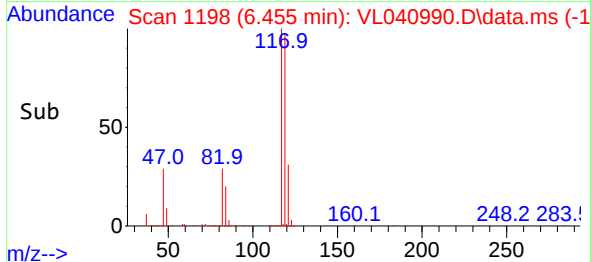
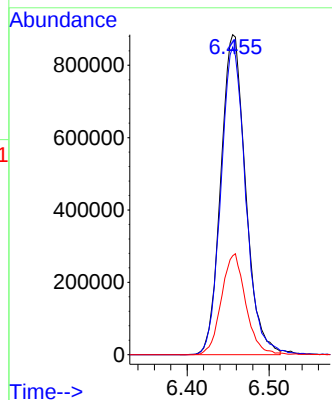
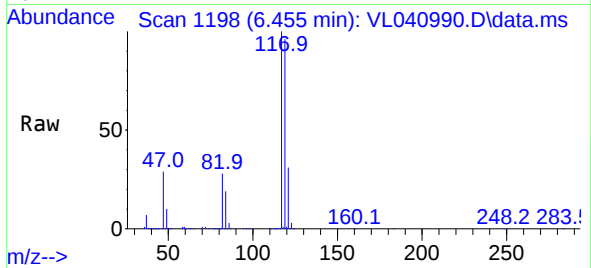




#35
Carbon Tetrachloride
Concen: 9.893 ppbv
RT: 6.455 min Scan# 1198
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

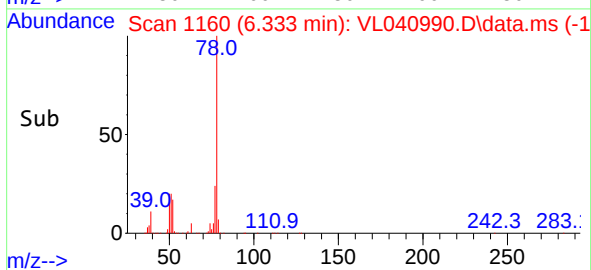
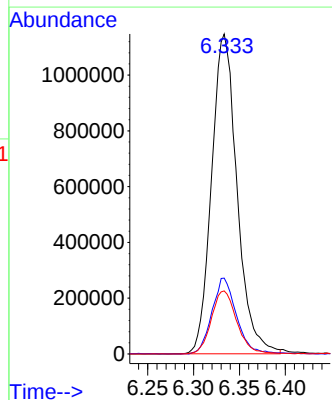
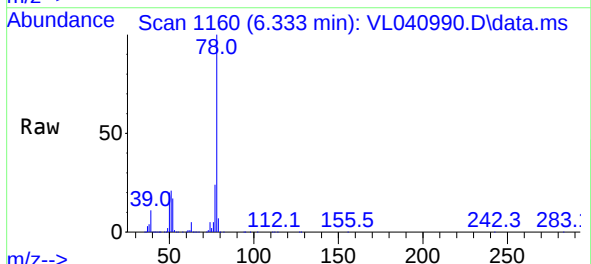
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

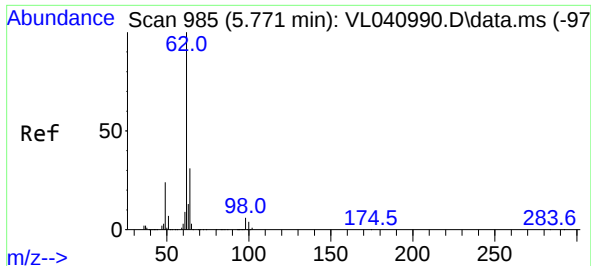
Tgt Ion:117 Resp: 1854403
Ion Ratio Lower Upper
117 100
119 96.1 76.9 115.3
121 30.9 24.7 37.1



#36
Benzene
Concen: 9.536 ppbv
RT: 6.333 min Scan# 1160
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Tgt Ion: 78 Resp: 2213896
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4
50 19.7 15.8 23.6

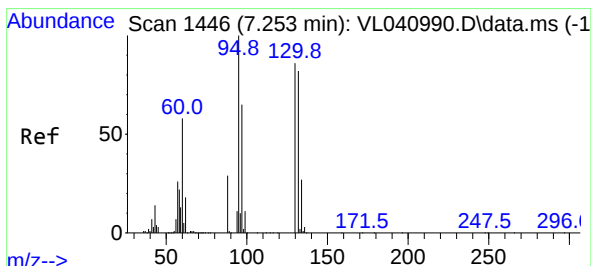
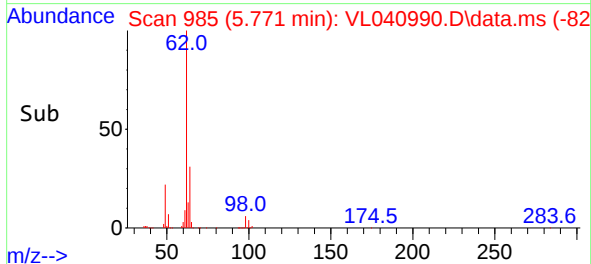
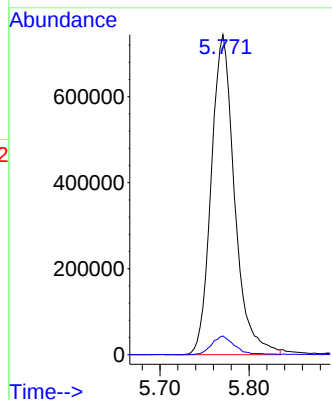
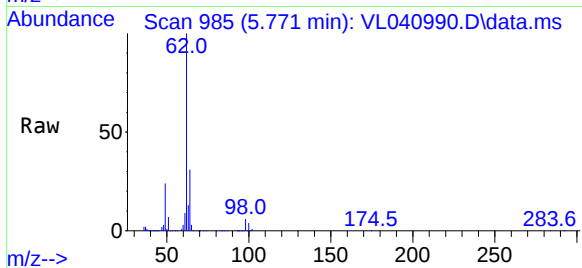




#37
1,2-Dichloroethane
Concen: 9.584 ppbv
RT: 5.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

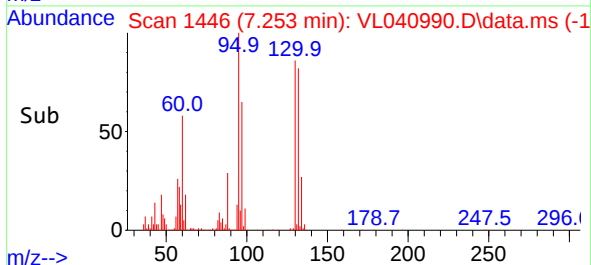
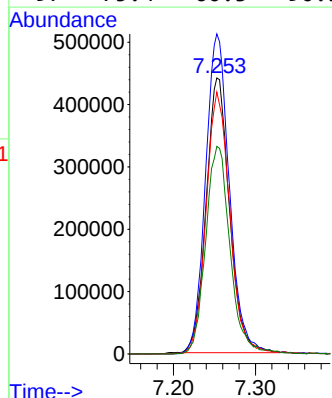
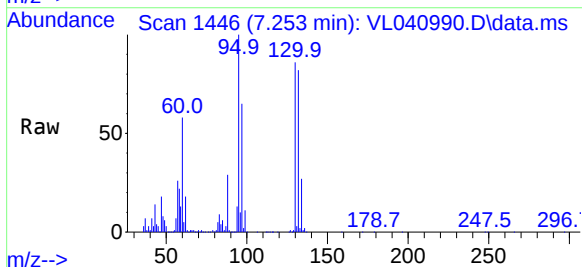
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

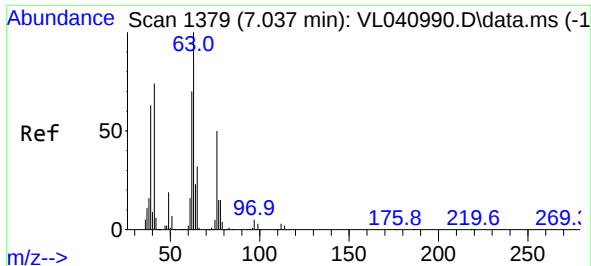
Tgt Ion: 62 Resp: 1357838
Ion Ratio Lower Upper
62 100
98 5.9 4.7 7.1



#38
Trichloroethene
Concen: 9.418 ppbv
RT: 7.253 min Scan# 1446
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Tgt Ion:130 Resp: 876540
Ion Ratio Lower Upper
130 100
95 116.1 92.9 139.3
132 95.2 76.2 114.2
97 75.4 60.3 90.5





#39

1,2-Dichloropropane

Concen: 9.476 ppbv

RT: 7.037 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040990.D

Acq: 23 Jan 2024 9:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

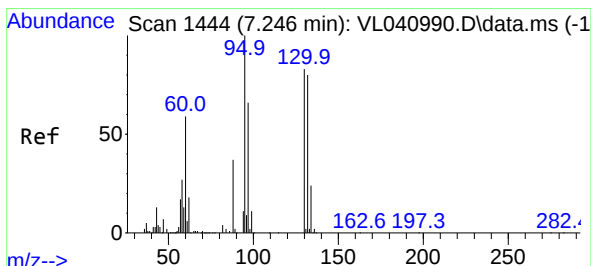
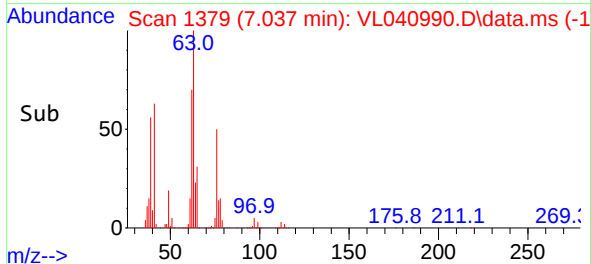
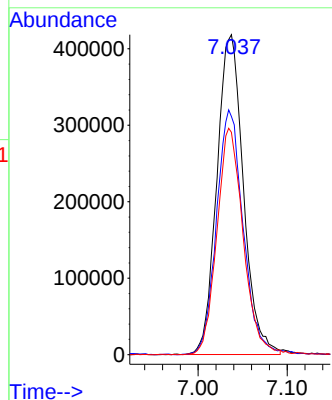
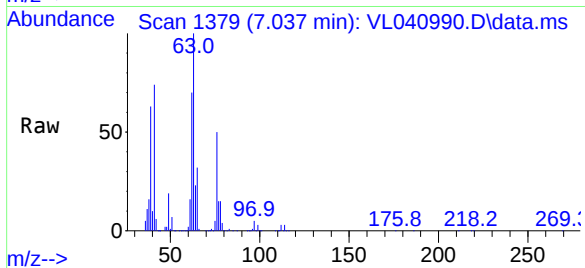
Tgt Ion: 63 Resp: 866648

Ion Ratio Lower Upper

63 100

41 74.5 59.6 89.4

62 69.5 55.6 83.4



#40

1,4-Dioxane

Concen: 9.565 ppbv

RT: 7.246 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VL040990.D

Acq: 23 Jan 2024 9:43

Tgt Ion: 88 Resp: 363347

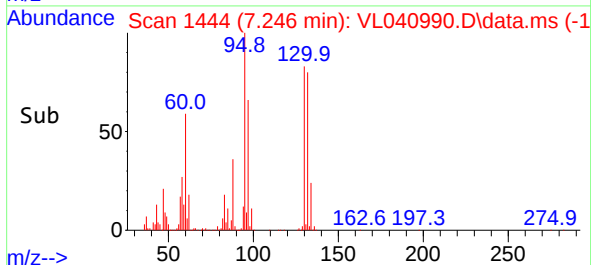
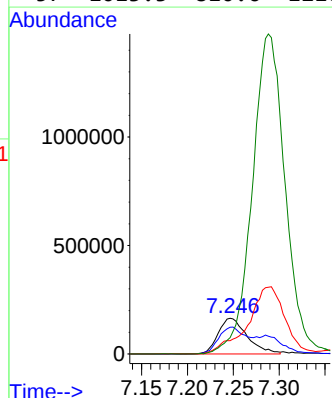
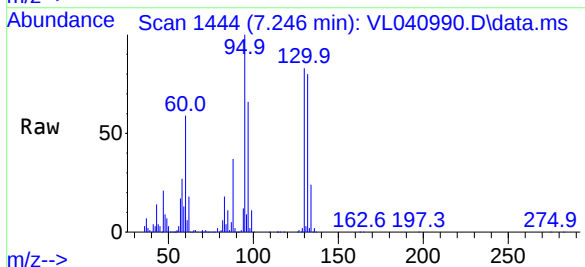
Ion Ratio Lower Upper

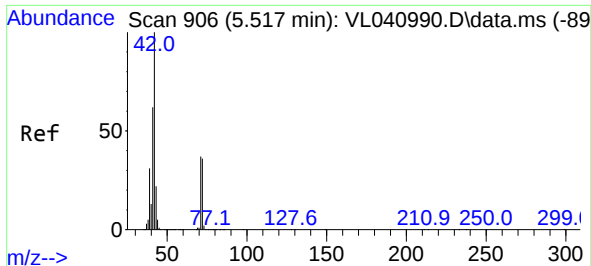
88 100

58 120.7 96.6 144.8

43 238.8 191.0 286.6

57 1013.3 810.6 1216.0

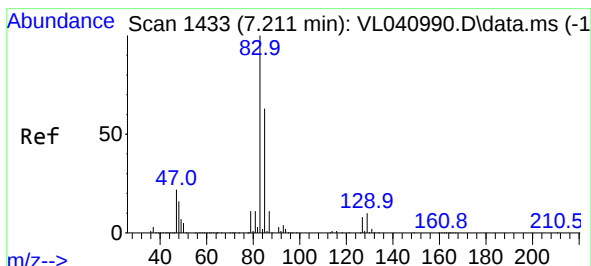
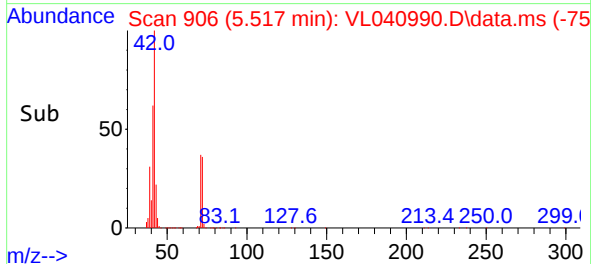
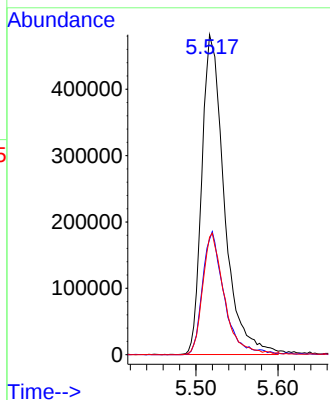
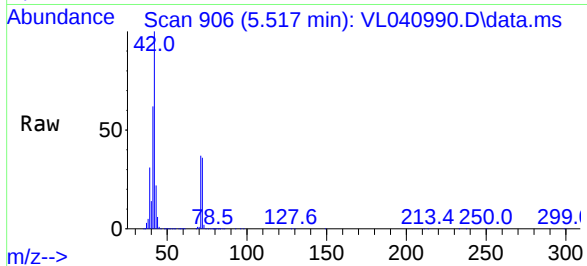




#41
Tetrahydrofuran
Concen: 10.124 ppbv
RT: 5.517 min Scan# 906
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

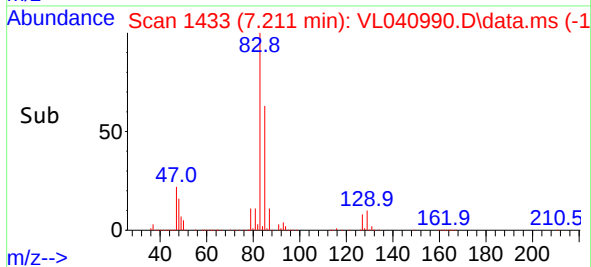
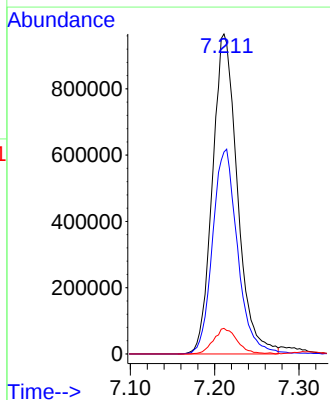
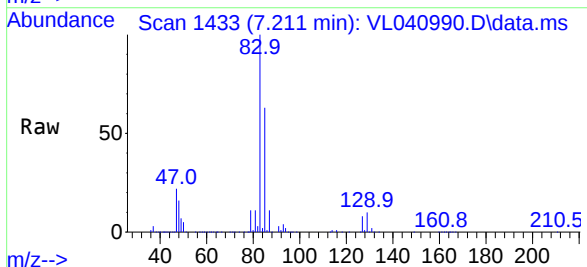
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

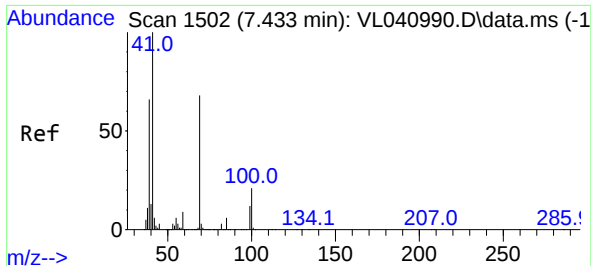
Tgt Ion: 42 Resp: 920602
Ion Ratio Lower Upper
42 100
72 37.5 30.0 45.0
71 36.9 29.5 44.3



#42
Bromodichloromethane
Concen: 9.770 ppbv
RT: 7.211 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Tgt Ion: 83 Resp: 1980486
Ion Ratio Lower Upper
83 100
85 63.1 50.5 75.7
127 8.0 6.4 9.6

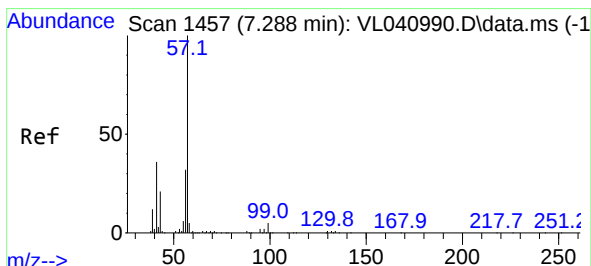
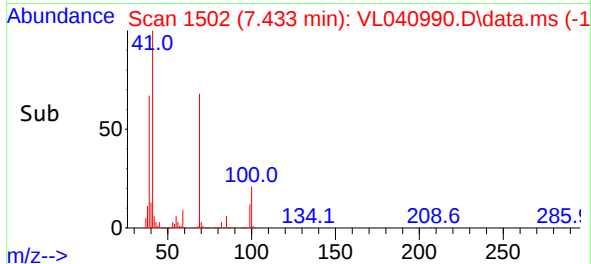
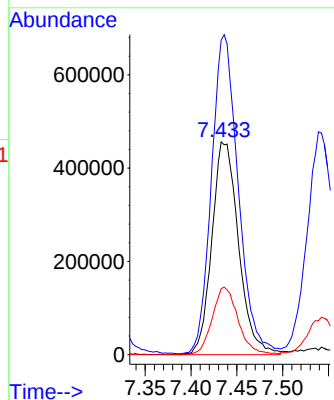
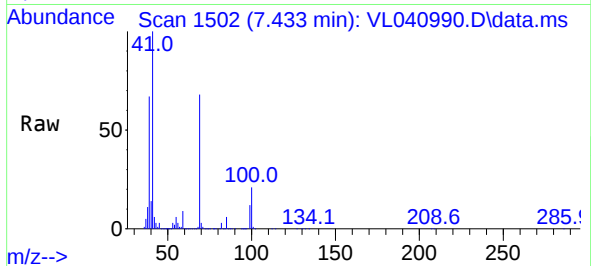




#43
Methyl Methacrylate
Concen: 10.305 ppbv
RT: 7.433 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

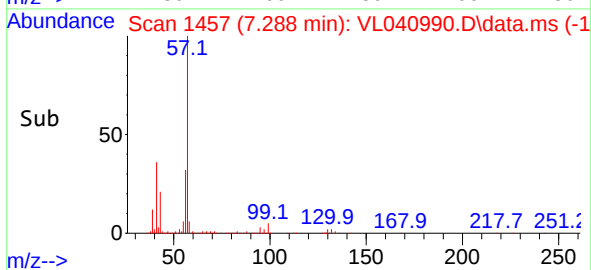
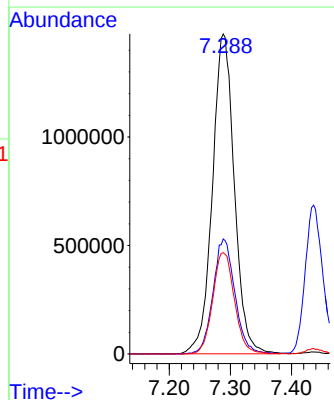
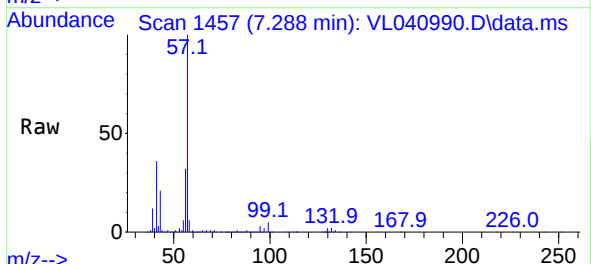
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

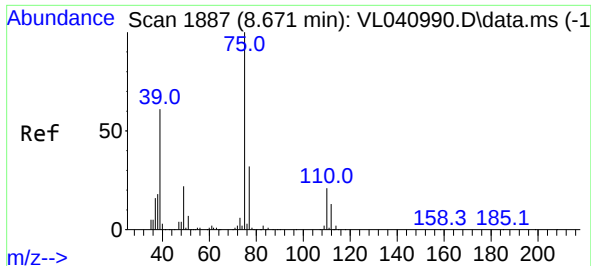
Tgt Ion: 69 Resp: 923144
Ion Ratio Lower Upper
69 100
41 150.2 120.2 180.2
100 30.7 24.6 36.8



#44
2,2,4-Trimethylpentane
Concen: 9.387 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Tgt Ion: 57 Resp: 3667031
Ion Ratio Lower Upper
57 100
41 35.8 28.6 43.0
56 31.5 25.2 37.8

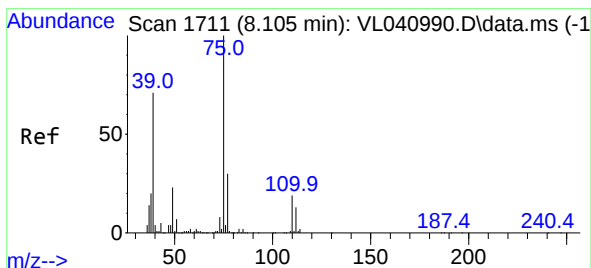
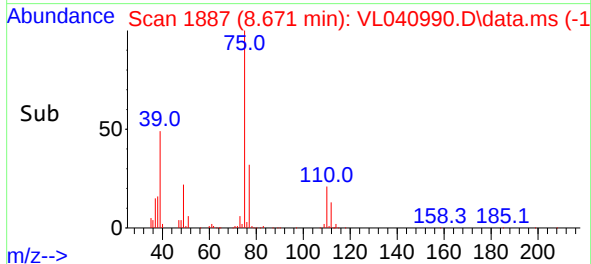
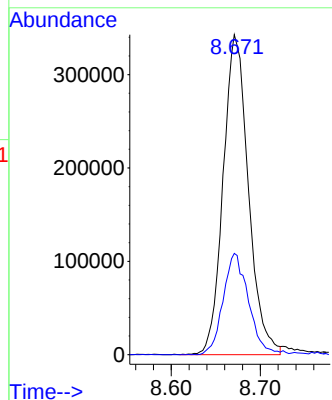
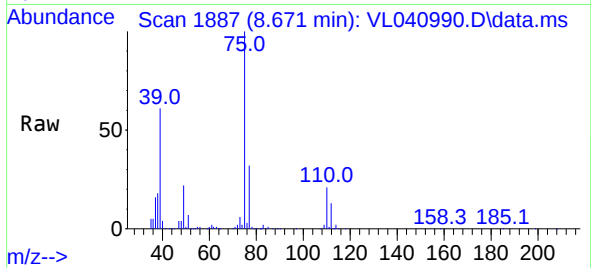




#45
t-1,3-Dichloropropene
Concen: 11.036 ppbv
RT: 8.671 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

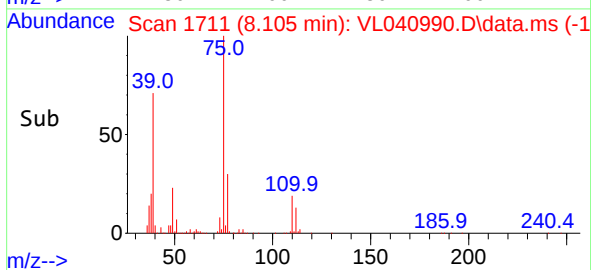
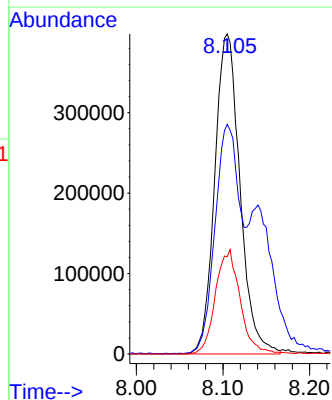
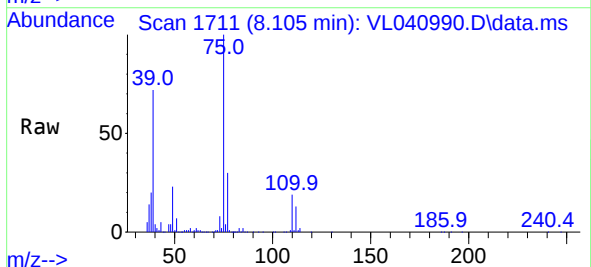
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

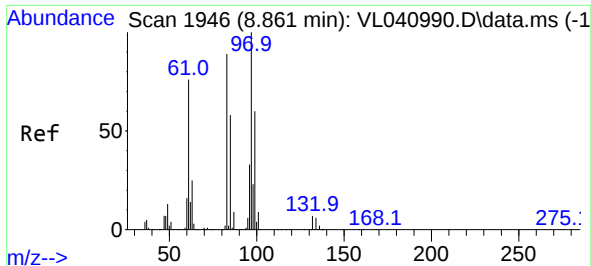
Tgt Ion: 75 Resp: 675526
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9



#46
cis-1,3-Dichloropropene
Concen: 10.554 ppbv
RT: 8.105 min Scan# 1711
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Tgt Ion: 75 Resp: 805620
Ion Ratio Lower Upper
75 100
39 71.6 57.3 85.9
77 30.4 24.3 36.5





#47

1,1,2-Trichloroethane

Concen: 9.637 ppbv

RT: 8.861 min Scan# 1946

Delta R.T. 0.000 min

Lab File: VL040990.D

Acq: 23 Jan 2024 9:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 97 Resp: 950033

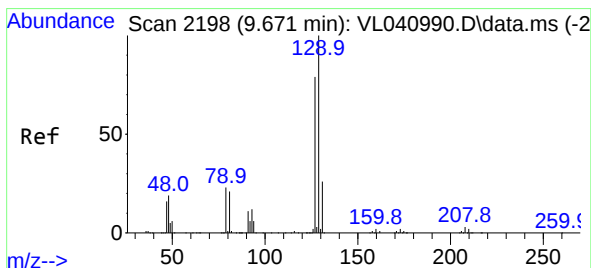
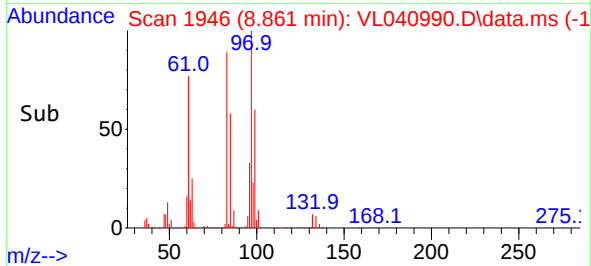
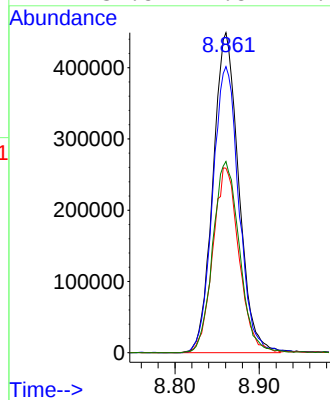
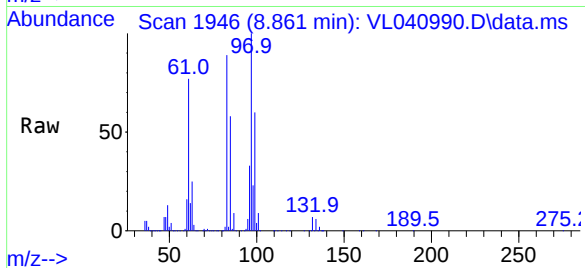
Ion Ratio Lower Upper

97 100

83 89.4 71.5 107.3

85 57.6 46.1 69.1

99 59.8 47.8 71.8



#48

Dibromochloromethane

Concen: 10.000 ppbv

RT: 9.671 min Scan# 2198

Delta R.T. 0.000 min

Lab File: VL040990.D

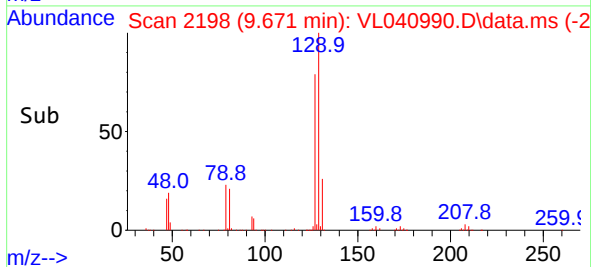
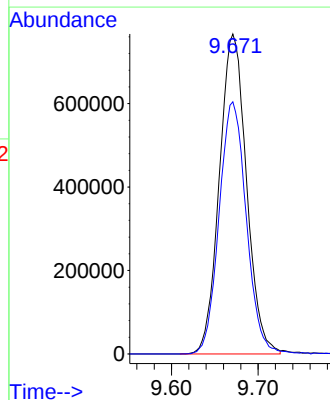
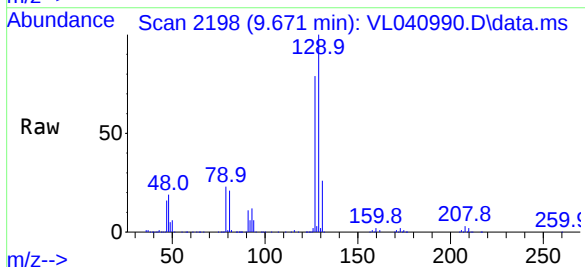
Acq: 23 Jan 2024 9:43

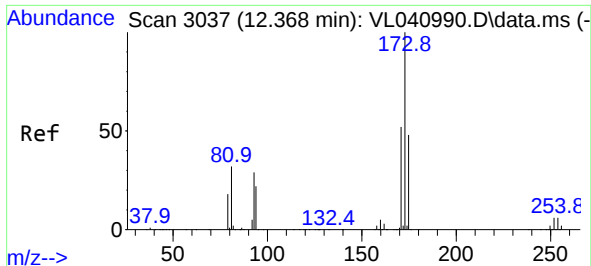
Tgt Ion: 129 Resp: 1666600

Ion Ratio Lower Upper

129 100

127 79.3 39.6 119.0

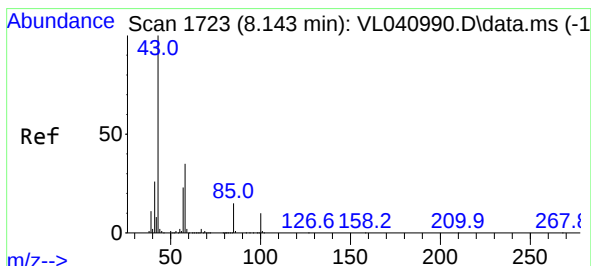
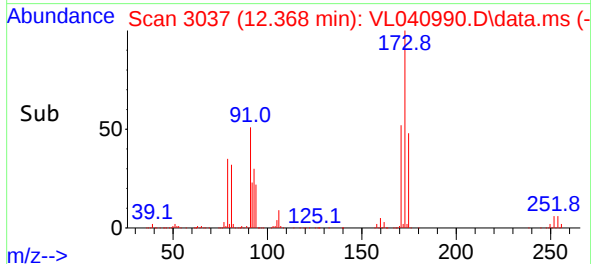
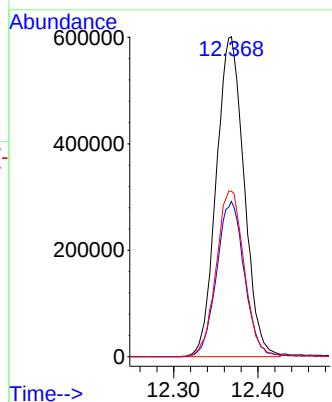
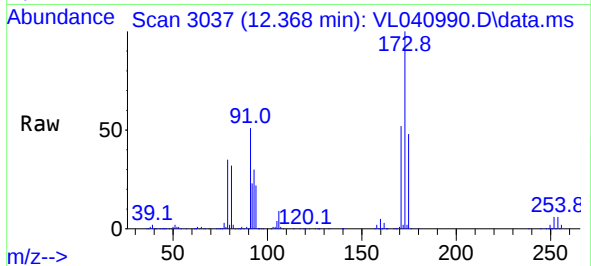




#49
Bromoform
Concen: 10.519 ppbv
RT: 12.368 min Scan# 3037
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

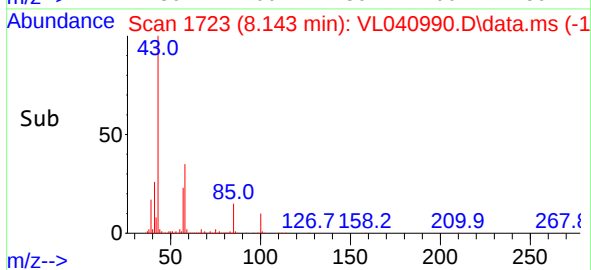
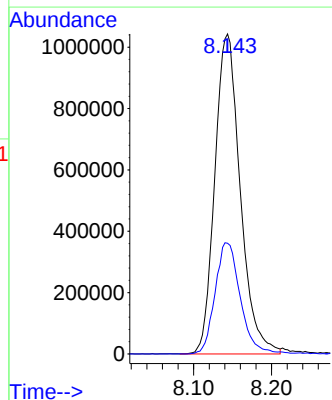
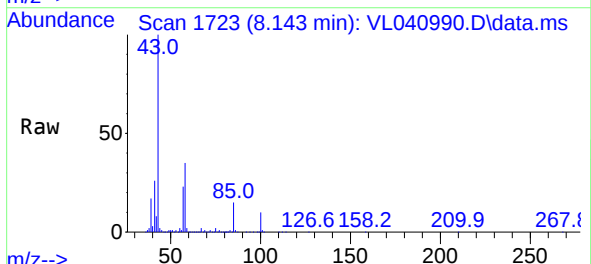
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

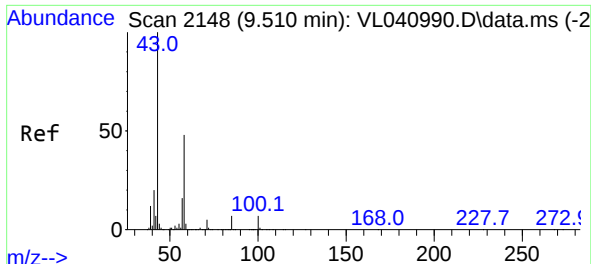
Tgt Ion:173 Resp: 1375145
Ion Ratio Lower Upper
173 100
175 48.7 39.0 58.4
171 52.5 42.0 63.0



#50
4-Methyl-2-Pentanone
Concen: 10.035 ppbv
RT: 8.143 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Tgt Ion: 43 Resp: 2366821
Ion Ratio Lower Upper
43 100
58 34.8 27.8 41.8



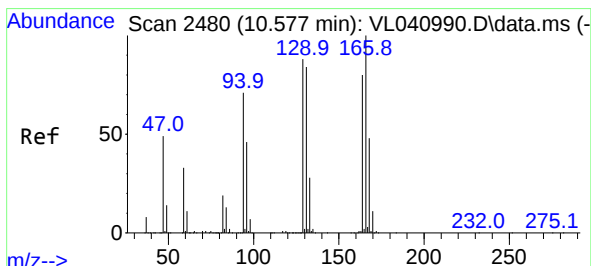
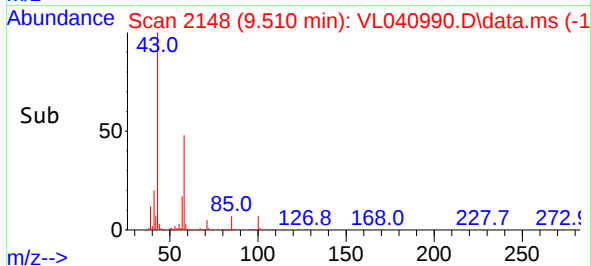
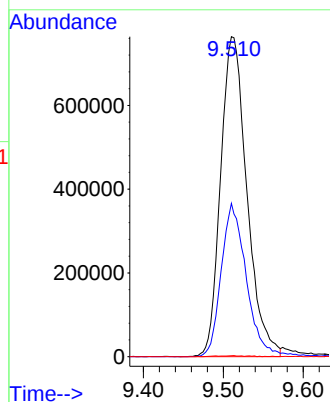
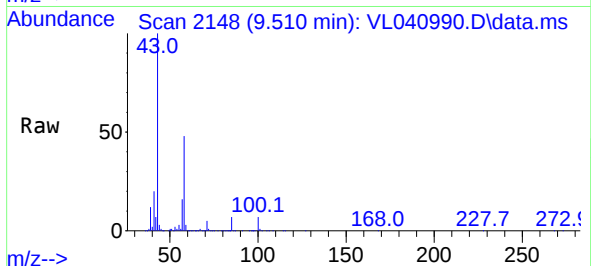


#51
2-Hexanone
Concen: 10.251 ppbv
RT: 9.510 min Scan# 2148
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 1742676

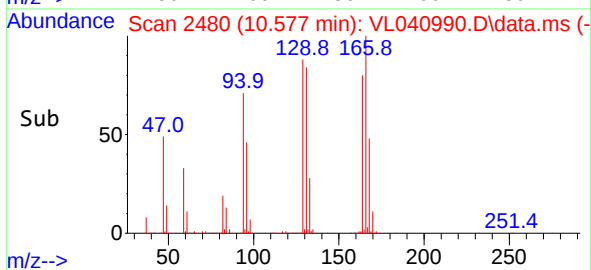
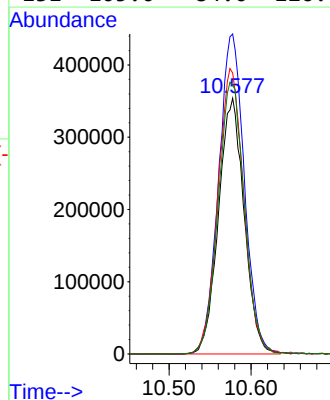
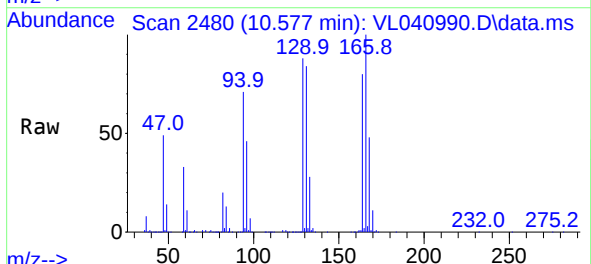
Ion	Ratio	Lower	Upper
43	100		
58	46.0	36.8	55.2
98	0.4	0.3	0.5

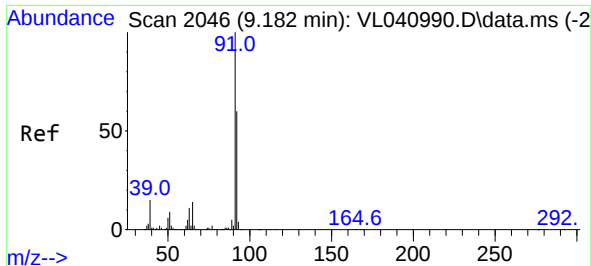


#52
Tetrachloroethene
Concen: 9.956 ppbv
RT: 10.577 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Tgt Ion: 164 Resp: 767594

Ion	Ratio	Lower	Upper
164	100		
166	125.2	100.2	150.2
129	109.9	87.9	131.9
131	105.0	84.0	126.0

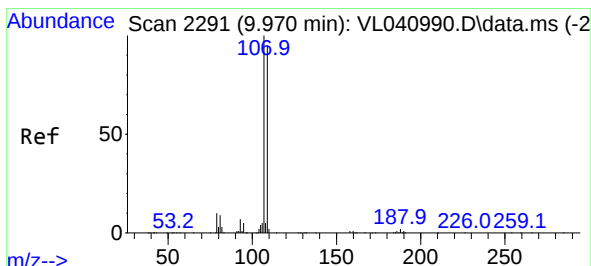
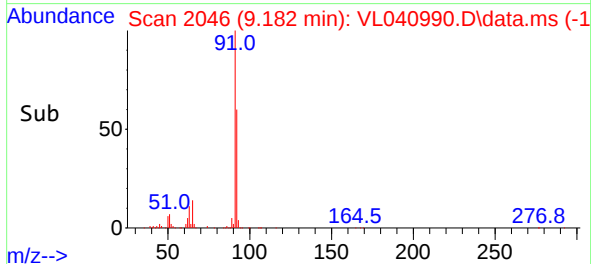
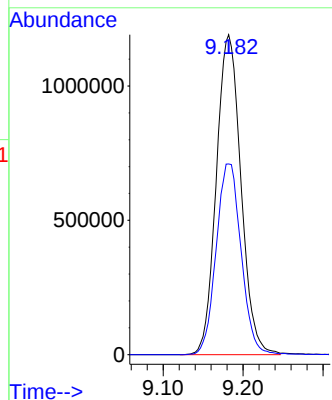
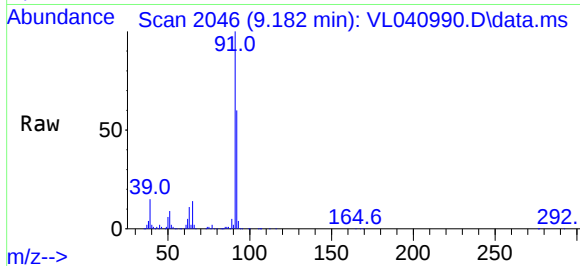




#53
Toluene
Concen: 10.001 ppbv
RT: 9.182 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

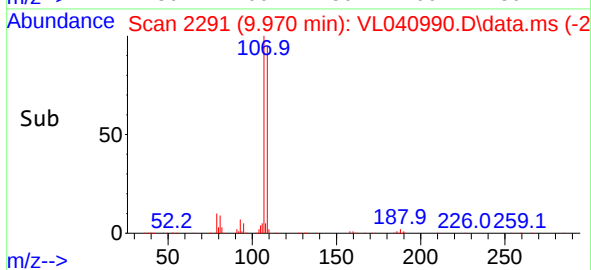
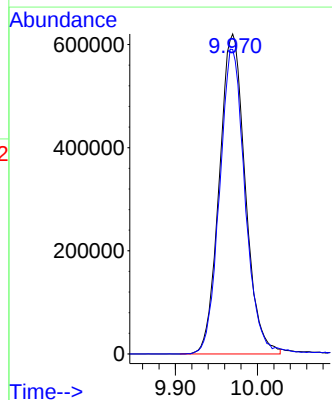
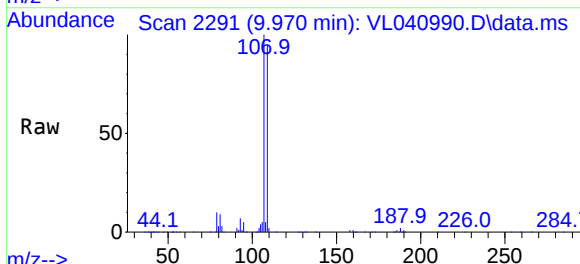
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

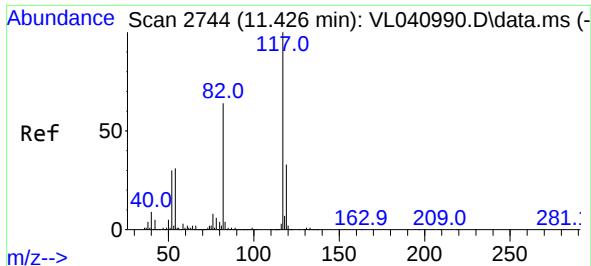
Tgt Ion: 91 Resp: 2543388
Ion Ratio Lower Upper
91 100
92 60.7 48.6 72.8



#54
1,2-Dibromoethane
Concen: 10.216 ppbv
RT: 9.970 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Tgt Ion: 107 Resp: 1363939
Ion Ratio Lower Upper
107 100
109 95.1 76.1 114.1

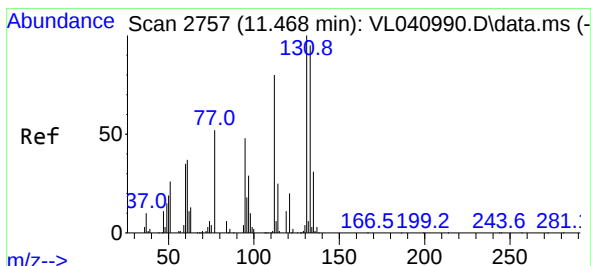
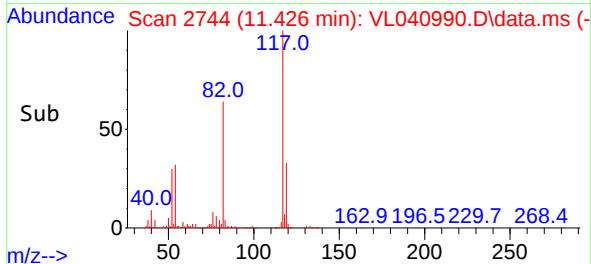
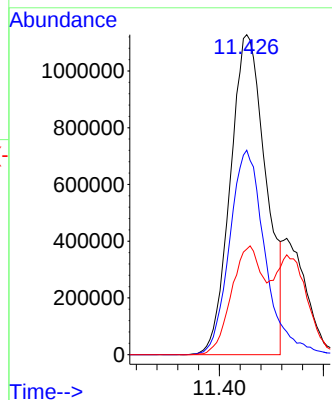
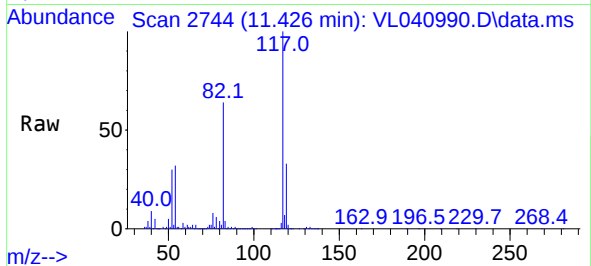




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.426 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

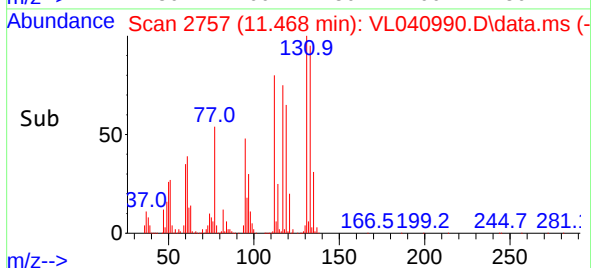
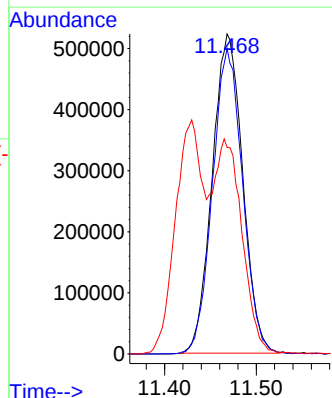
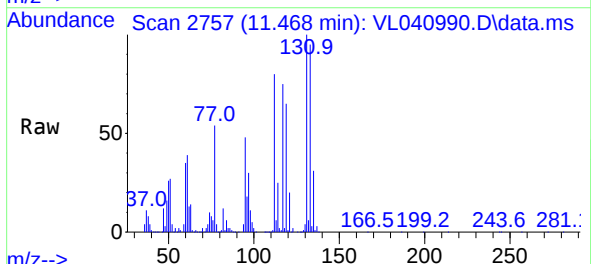
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

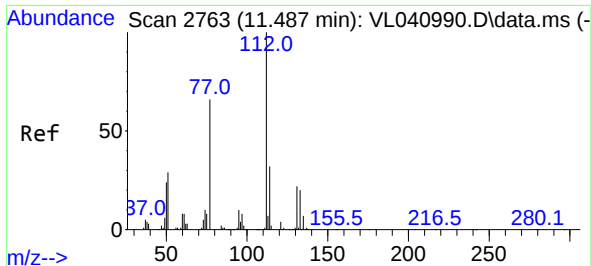
Tgt Ion:117 Resp: 2681044
Ion Ratio Lower Upper
117 100
82 64.6 51.7 77.5
119 29.7 23.8 35.6



#56
1,1,1,2-Tetrachloroethane
Concen: 9.358 ppbv
RT: 11.468 min Scan# 2757
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Tgt Ion:131 Resp: 1203777
Ion Ratio Lower Upper
131 100
133 94.9 75.9 113.9
119 61.5 49.2 73.8

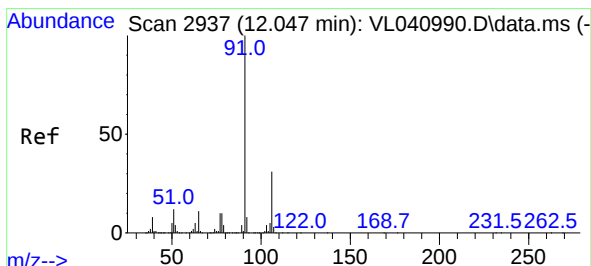
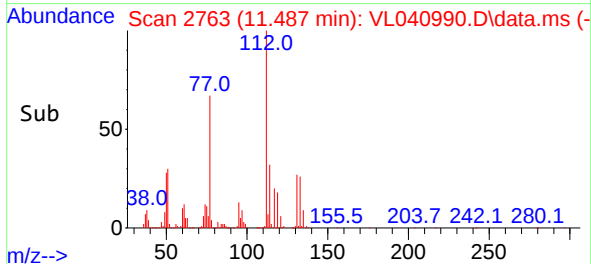
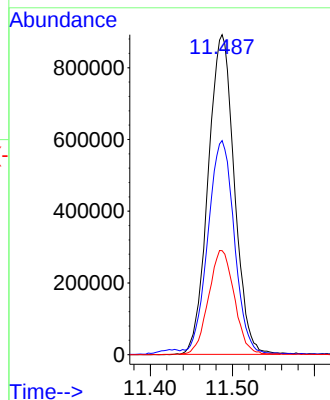
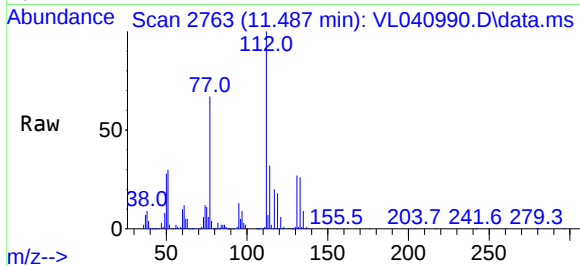




#57
Chlorobenzene
Concen: 9.168 ppbv
RT: 11.487 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

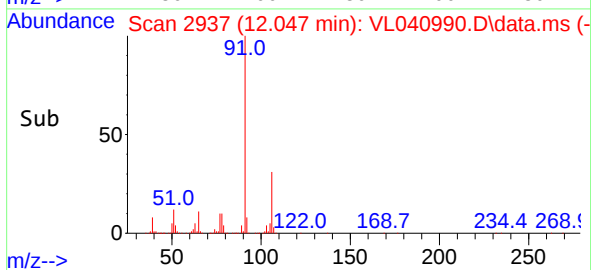
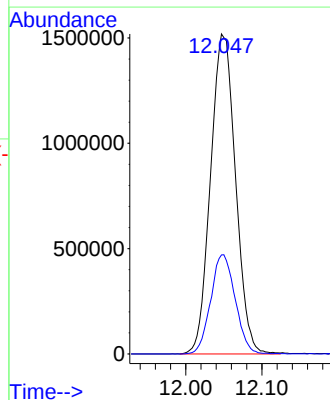
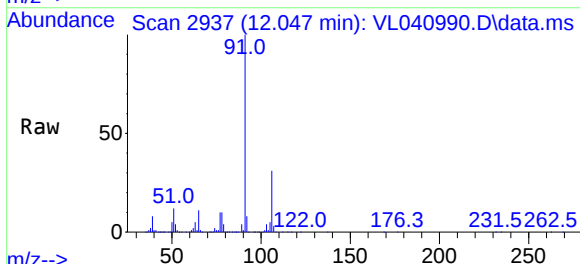
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

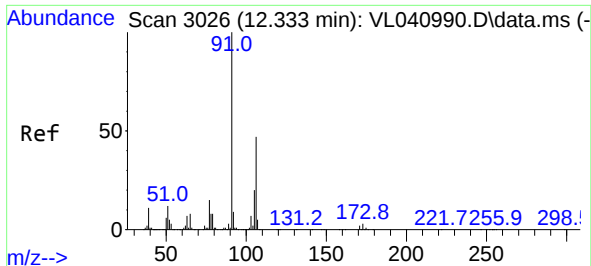
Tgt Ion:112 Resp: 1977195
Ion Ratio Lower Upper
112 100
77 66.7 53.4 80.0
114 32.3 29.1 35.5



#58
Ethyl Benzene
Concen: 9.633 ppbv
RT: 12.047 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Tgt Ion: 91 Resp: 3468001
Ion Ratio Lower Upper
91 100
106 31.0 24.8 37.2





#59

m/p-Xylene

Concen: 10.437 ppbv

RT: 12.333 min Scan# 3026

Delta R.T. 0.000 min

Lab File: VL040990.D

Acq: 23 Jan 2024 9:43

Instrument :

MSVOA_L

ClientSampleId :

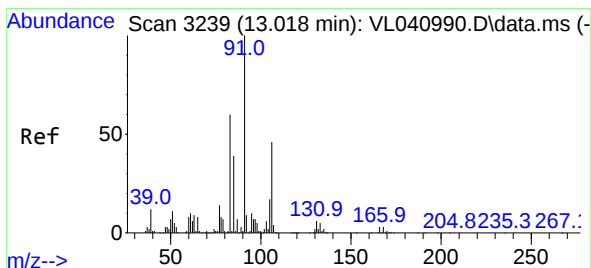
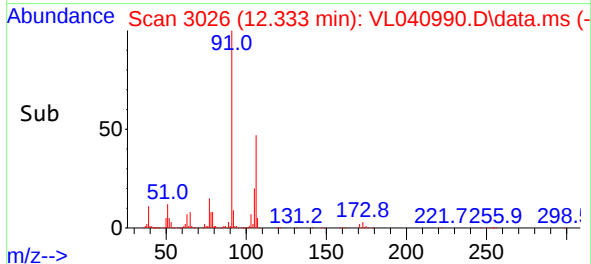
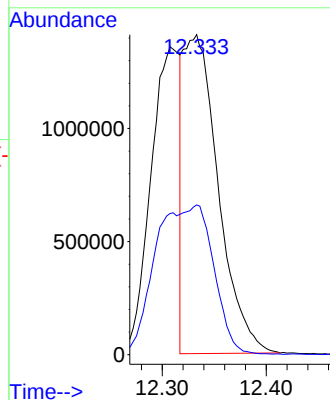
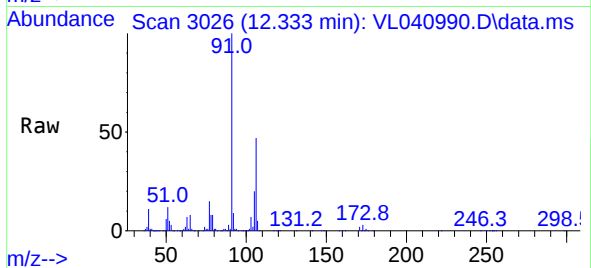
VSTDICCC010

Tgt Ion: 91 Resp: 3276072

Ion Ratio Lower Upper

91 100

106 79.0 34.9 52.3#



#60

o-Xylene

Concen: 9.409 ppbv

RT: 13.018 min Scan# 3239

Delta R.T. 0.000 min

Lab File: VL040990.D

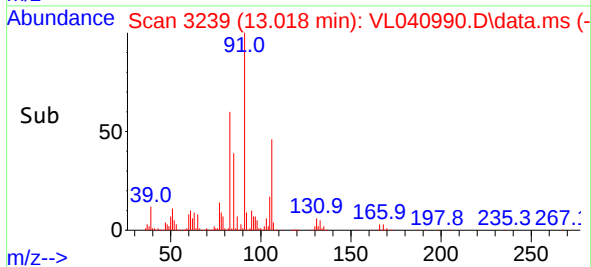
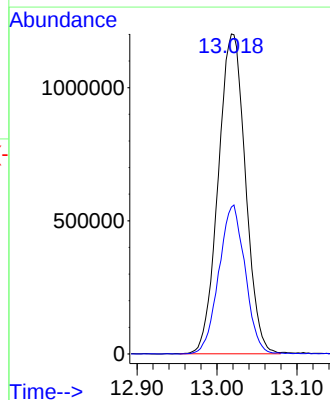
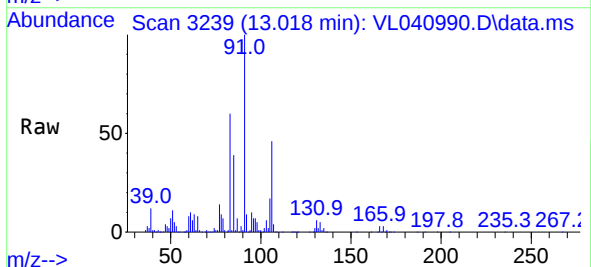
Acq: 23 Jan 2024 9:43

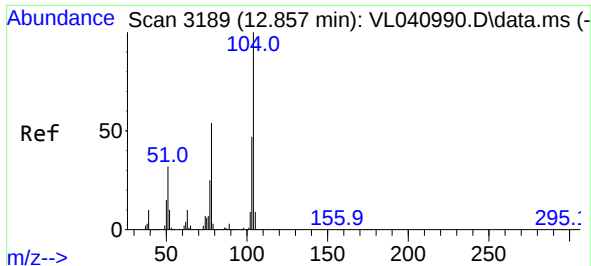
Tgt Ion: 91 Resp: 2833693

Ion Ratio Lower Upper

91 100

106 45.1 22.6 67.7

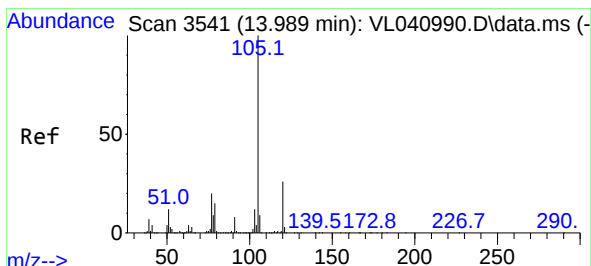
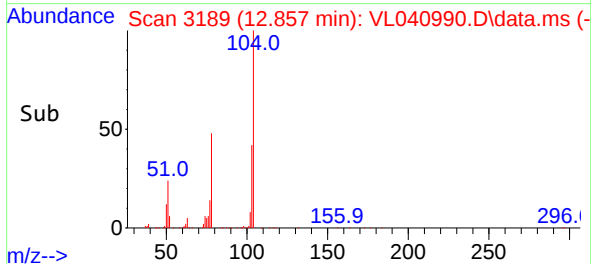
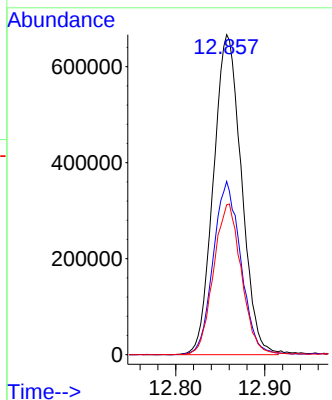
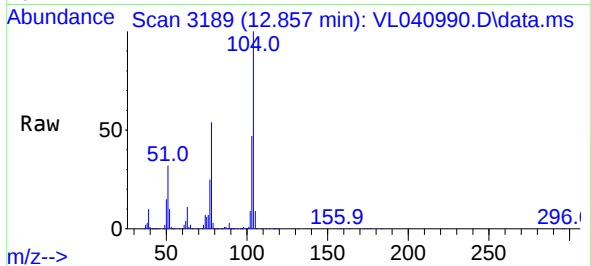




#61
Styrene
Concen: 10.536 ppbv
RT: 12.857 min Scan# 3189
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

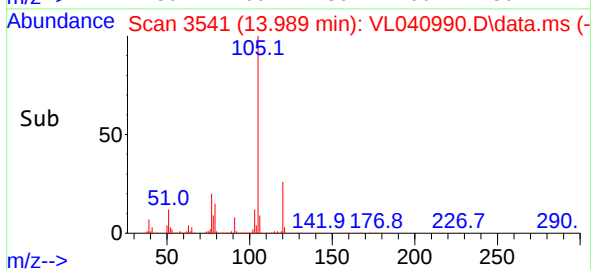
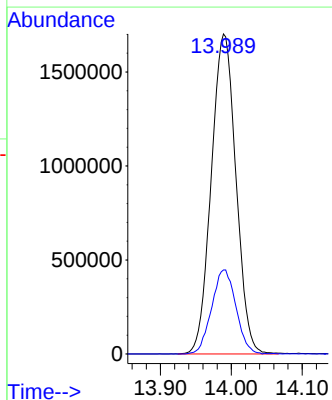
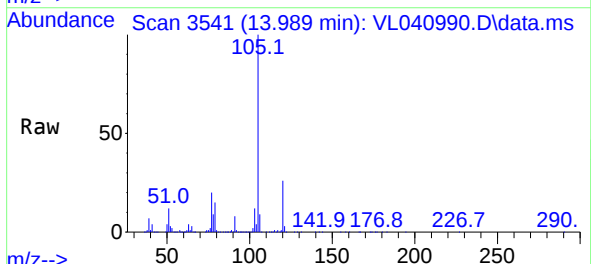
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

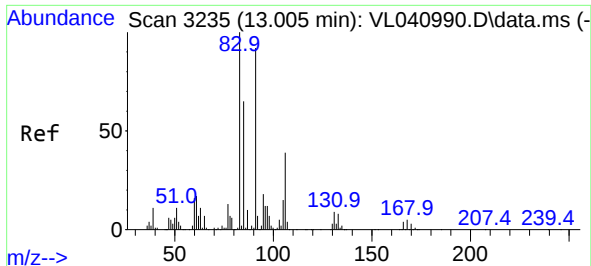
Tgt Ion:104 Resp: 1457030
Ion Ratio Lower Upper
104 100
78 53.4 42.7 64.1
103 47.0 37.6 56.4



#62
Isopropylbenzene
Concen: 9.239 ppbv
RT: 13.989 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Tgt Ion:105 Resp: 4114820
Ion Ratio Lower Upper
105 100
120 26.1 20.9 31.3

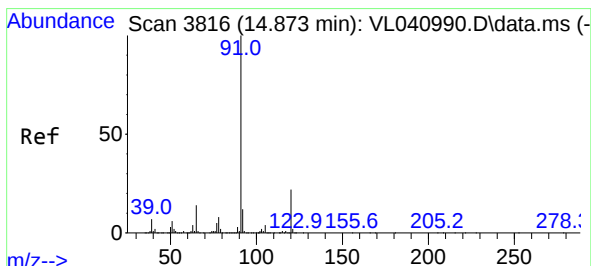
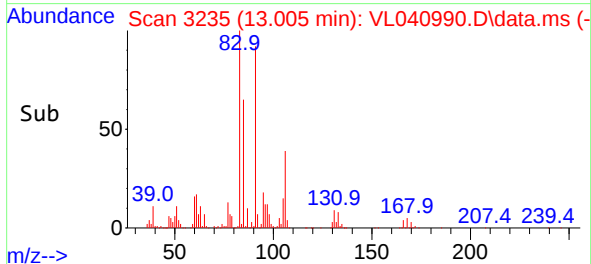
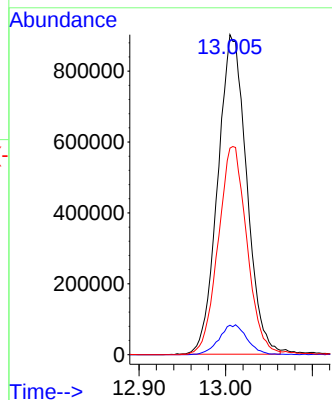
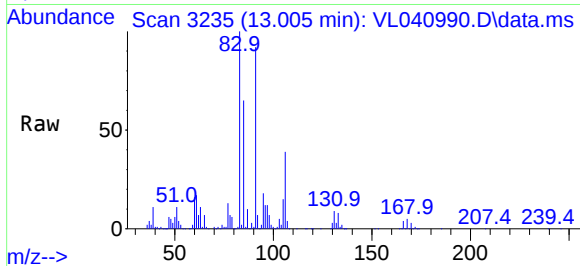




#63
1,1,2,2-Tetrachloroethane
Concen: 8.902 ppbv
RT: 13.005 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

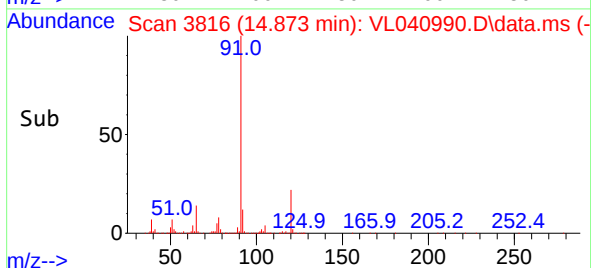
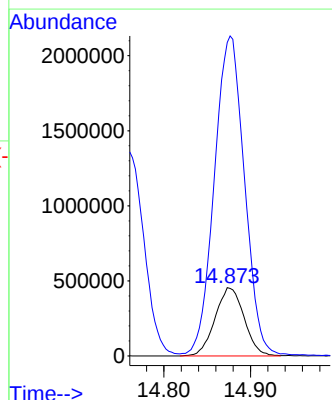
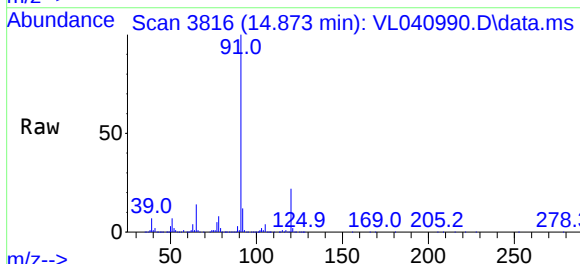
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

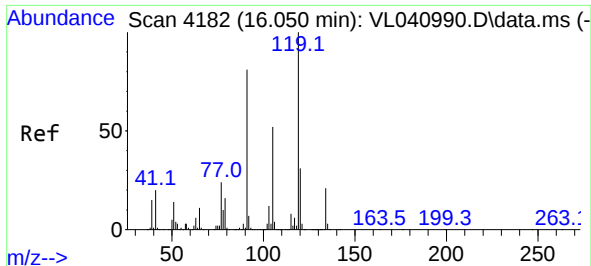
Tgt Ion: 83 Resp: 2083540
Ion Ratio Lower Upper
83 100
131 9.2 4.6 13.8
85 66.0 33.0 99.0



#64
n-propylbenzene
Concen: 9.423 ppbv
RT: 14.873 min Scan# 3816
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Tgt Ion: 120 Resp: 1060314
Ion Ratio Lower Upper
120 100
91 488.2 390.6 585.8

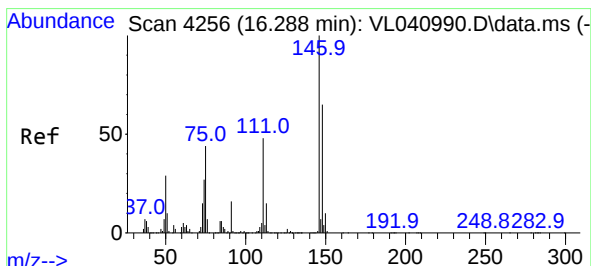
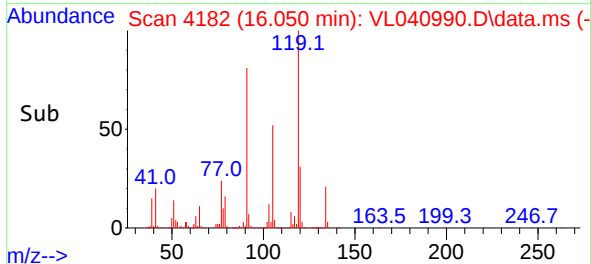
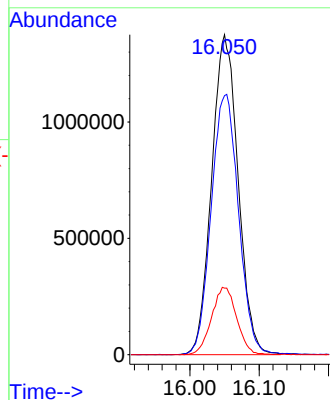
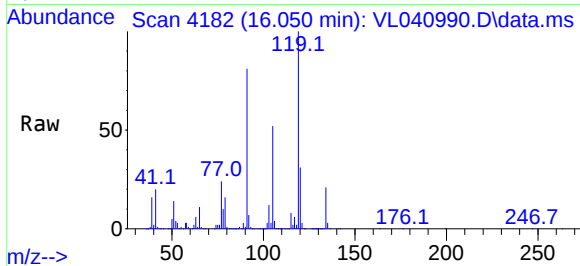




#65
tert-Butylbenzene
Concen: 9.350 ppbv
RT: 16.050 min Scan# 4182
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

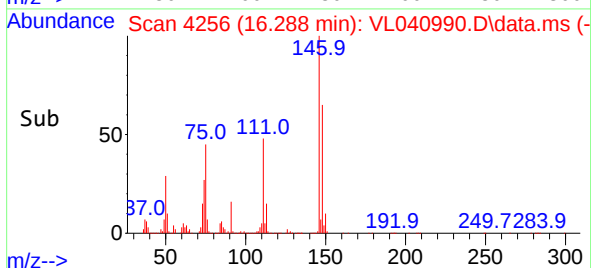
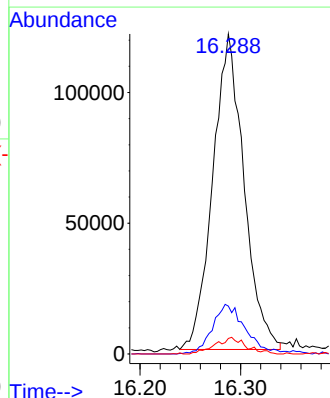
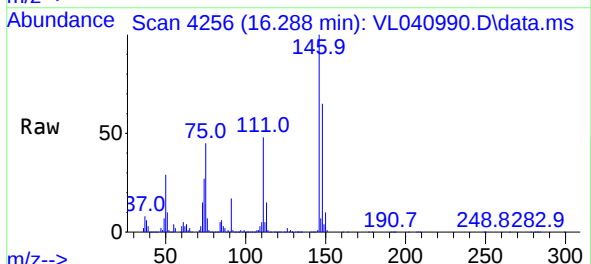
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

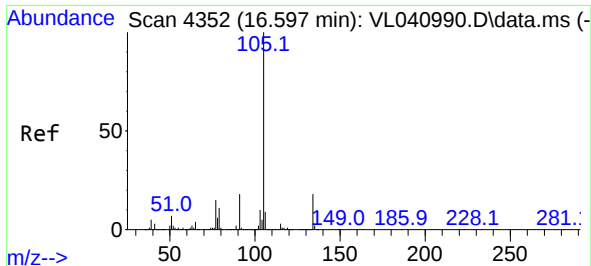
Tgt Ion:119 Resp: 3638576
Ion Ratio Lower Upper
119 100
91 84.5 67.6 101.4
134 20.1 16.1 24.1



#66
Benzyl Chloride
Concen: 10.201 ppbv
RT: 16.288 min Scan# 4256
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Tgt Ion: 91 Resp: 260134
Ion Ratio Lower Upper
91 100
126 17.0 13.6 20.4
128 5.2 4.2 6.2

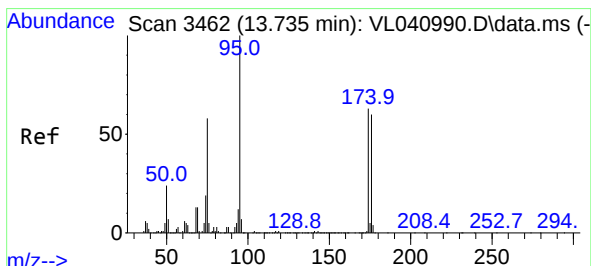
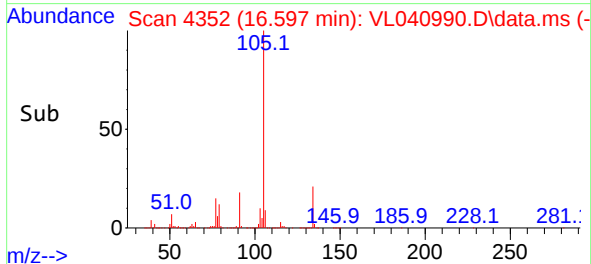
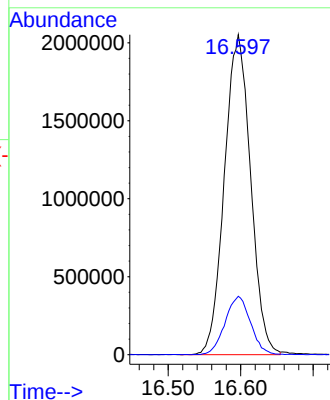
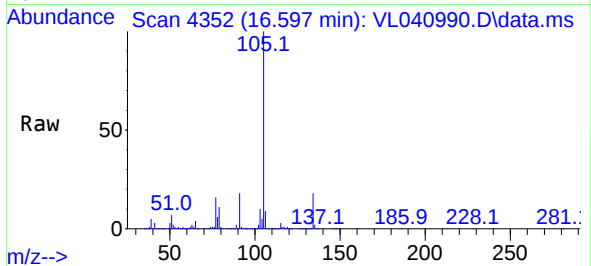




#67
 sec-Butylbenzene
 Concen: 9.077 ppbv
 RT: 16.597 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040990.D
 Acq: 23 Jan 2024 9:43

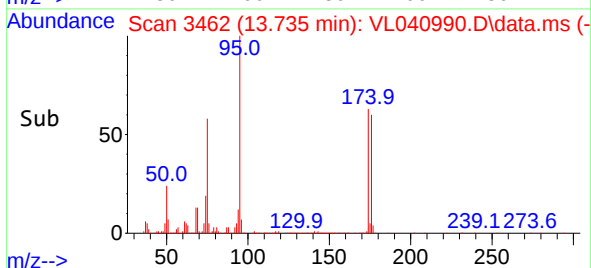
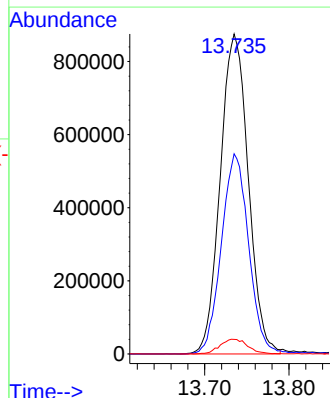
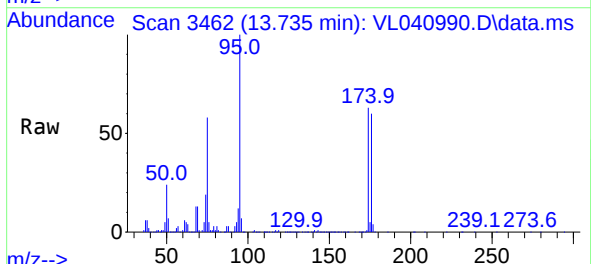
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

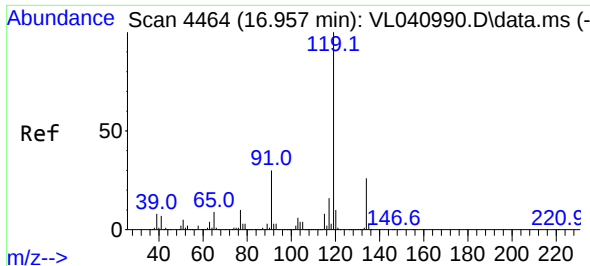
Tgt Ion:105 Resp: 5143399
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.2 21.4



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.976 ppbv
 RT: 13.735 min Scan# 3462
 Delta R.T. 0.000 min
 Lab File: VL040990.D
 Acq: 23 Jan 2024 9:43

Tgt Ion: 95 Resp: 2020216
 Ion Ratio Lower Upper
 95 100
 174 61.4 49.1 73.7
 175 4.6 3.7 5.5



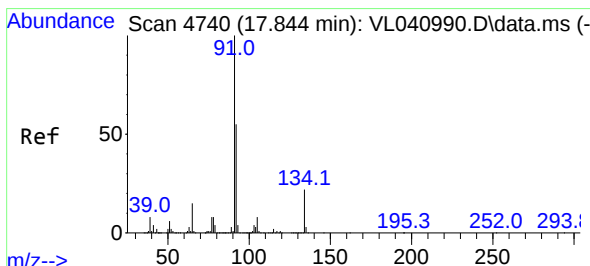
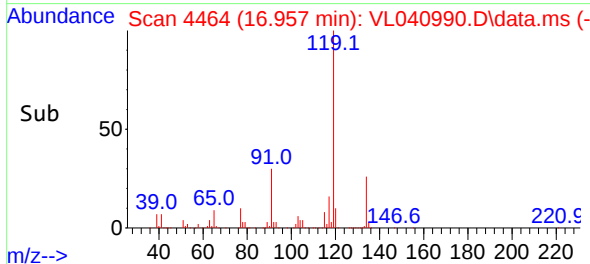
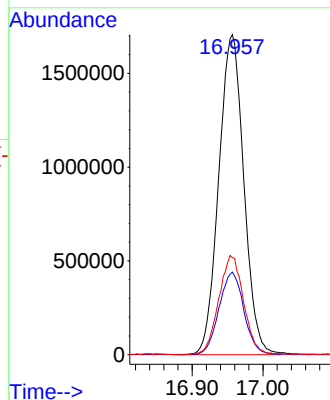
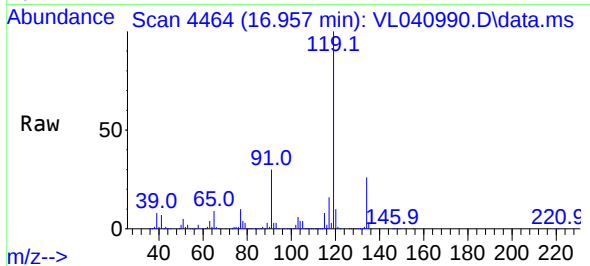


#69
p-Isopropyltoluene
Concen: 9.537 ppbv
RT: 16.957 min Scan# 4464
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:119 Resp: 4185762

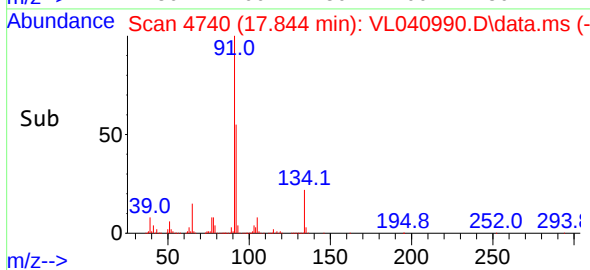
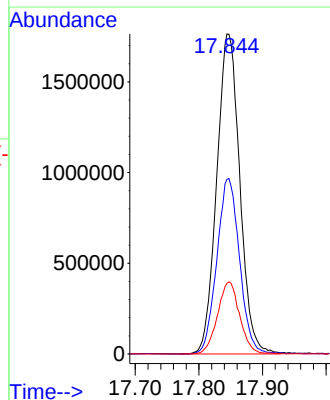
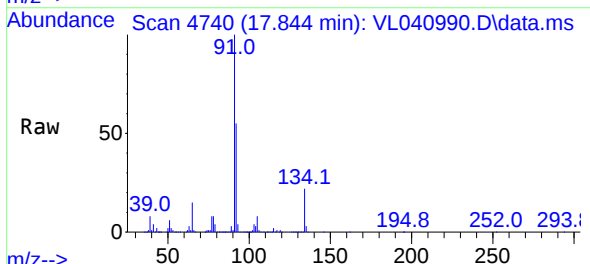
Ion	Ratio	Lower	Upper
119	100		
134	25.7	20.6	30.8
91	30.6	24.5	36.7

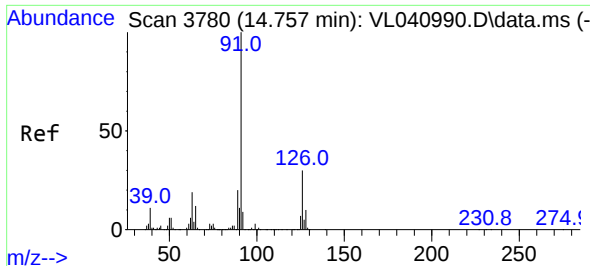


#70
n-Butylbenzene
Concen: 9.372 ppbv
RT: 17.844 min Scan# 4740
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Tgt Ion: 91 Resp: 4445115

Ion	Ratio	Lower	Upper
91	100		
92	54.2	43.4	65.0
134	21.7	17.4	26.0

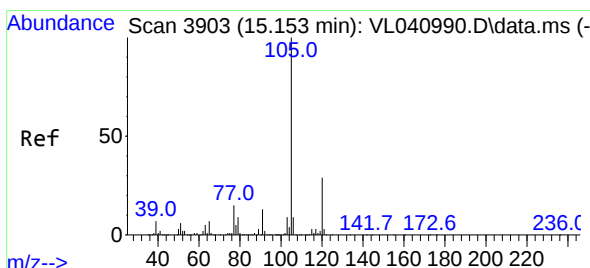
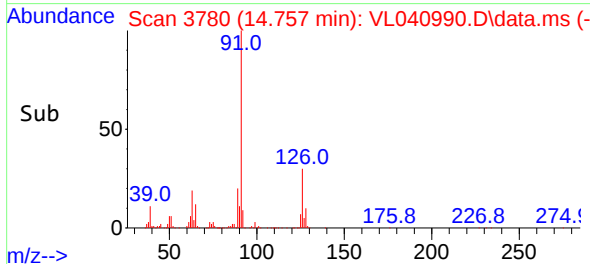
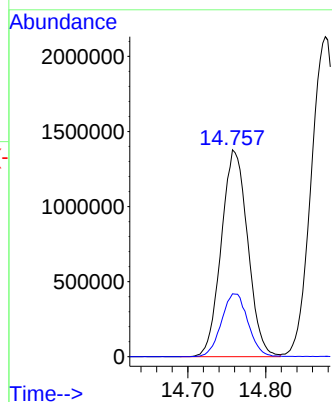
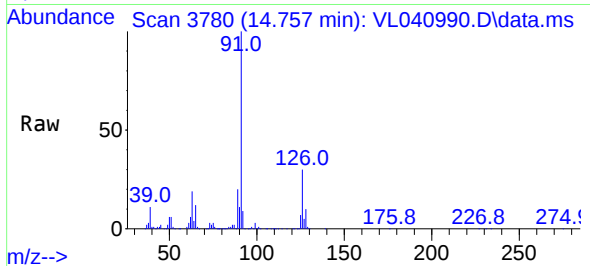




#71
2-Chlorotoluene
Concen: 9.450 ppbv
RT: 14.757 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

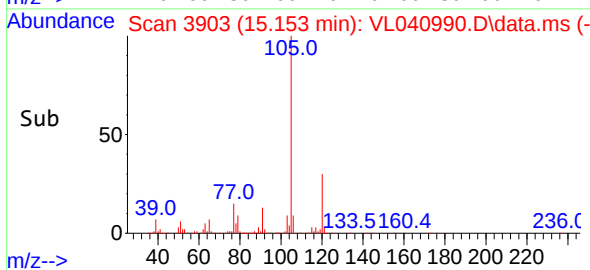
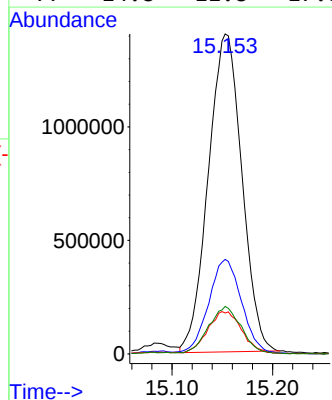
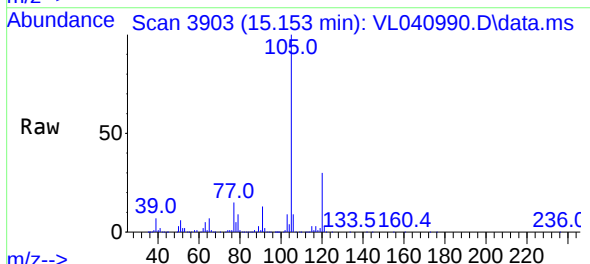
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

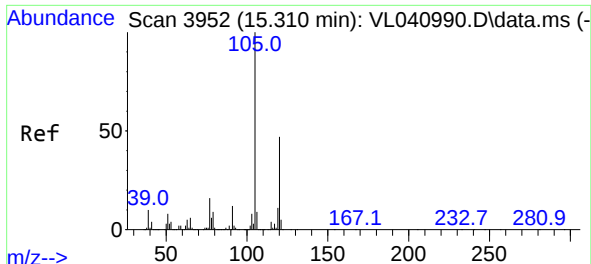
Tgt Ion: 91 Resp: 3247747
Ion Ratio Lower Upper
91 100
126 30.7 12.3 49.1



#72
4-Ethyltoluene
Concen: 9.652 ppbv
RT: 15.153 min Scan# 3903
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Tgt Ion:105 Resp: 3246687
Ion Ratio Lower Upper
105 100
120 30.4 24.3 36.5
91 13.7 11.0 16.4
77 14.8 11.8 17.8

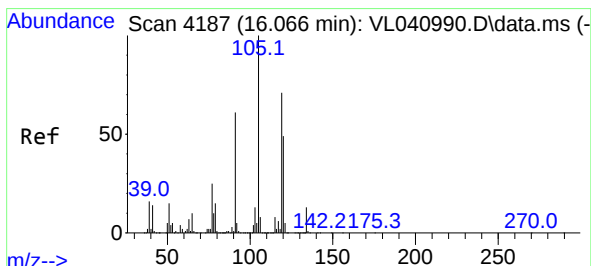
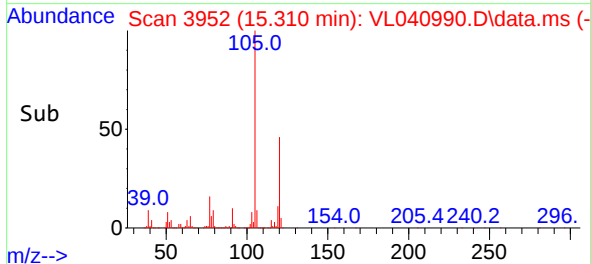
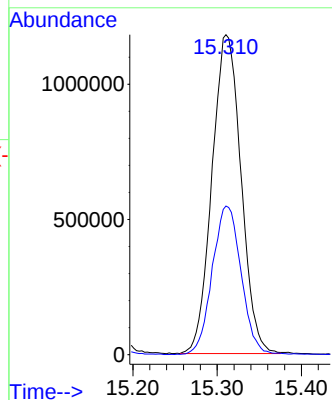
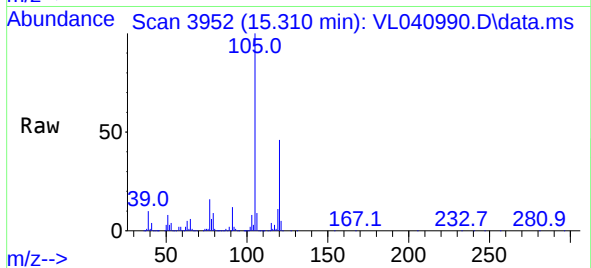




#73
1,3,5-Trimethylbenzene
Concen: 9.462 ppbv
RT: 15.310 min Scan# 3952
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

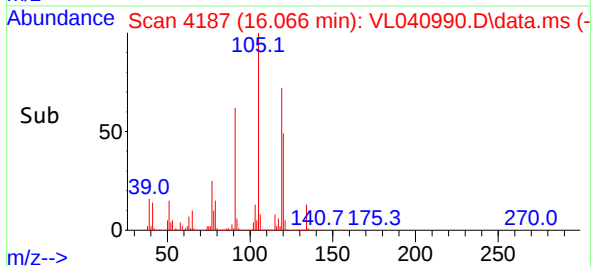
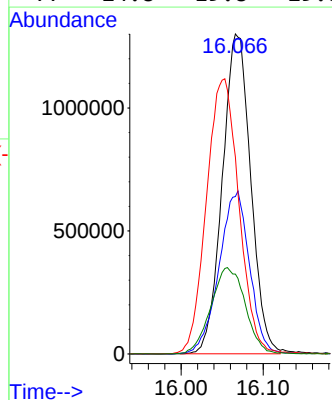
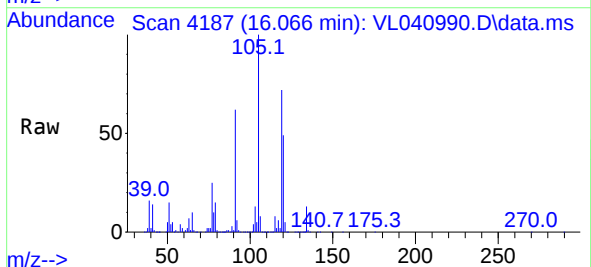
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

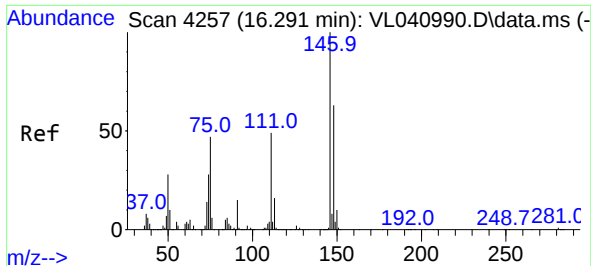
Tgt Ion:105 Resp: 2824514
Ion Ratio Lower Upper
105 100
120 46.5 37.2 55.8



#74
1,2,4-Trimethylbenzene
Concen: 9.238 ppbv
RT: 16.066 min Scan# 4187
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Tgt Ion:105 Resp: 3125984
Ion Ratio Lower Upper
105 100
120 49.1 39.3 58.9
91 60.9 48.7 73.1
77 24.8 19.8 29.8

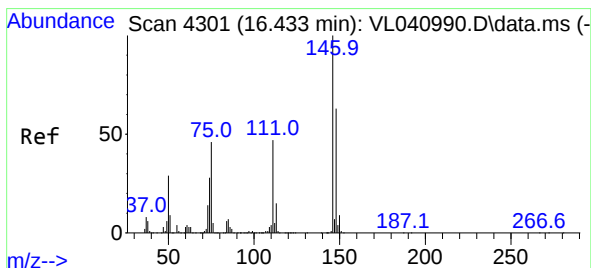
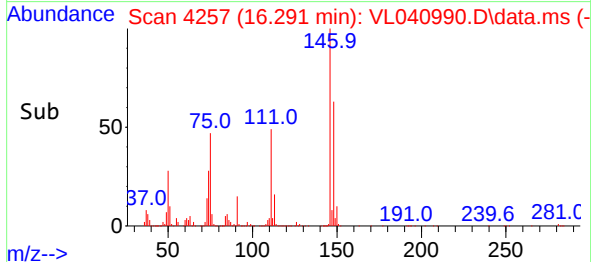
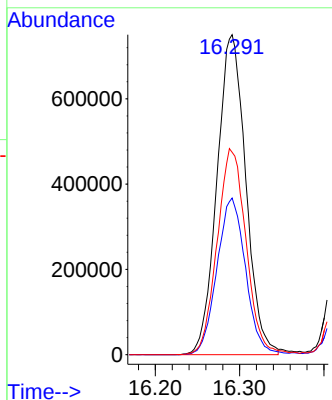
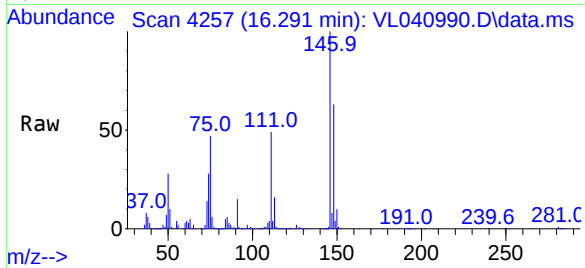




#75
1,3-Dichlorobenzene
Concen: 9.246 ppbv
RT: 16.291 min Scan# 4257
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

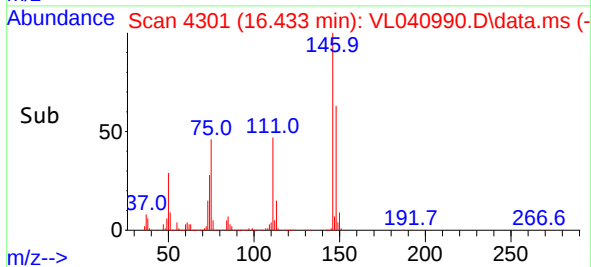
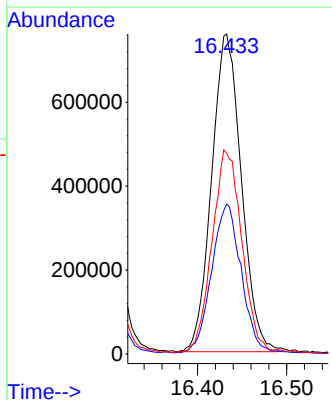
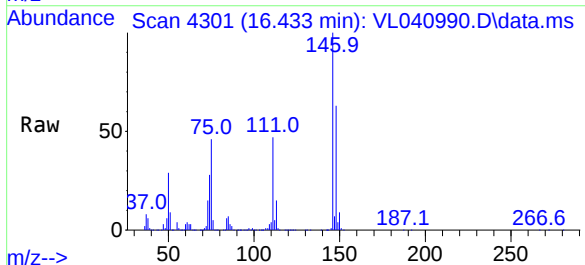
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

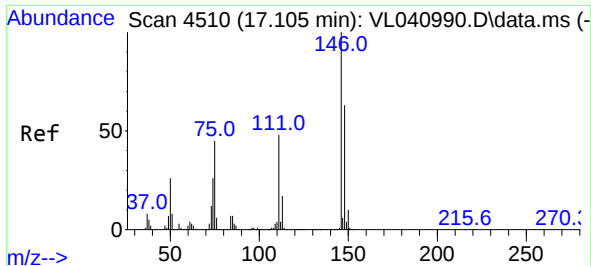
Tgt Ion:146 Resp: 1780637
Ion Ratio Lower Upper
146 100
111 48.8 24.4 73.2
148 64.9 32.5 97.4



#76
1,4-Dichlorobenzene
Concen: 9.215 ppbv
RT: 16.433 min Scan# 4301
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Tgt Ion:146 Resp: 1751319
Ion Ratio Lower Upper
146 100
111 48.0 24.0 72.0
148 65.8 32.9 98.7

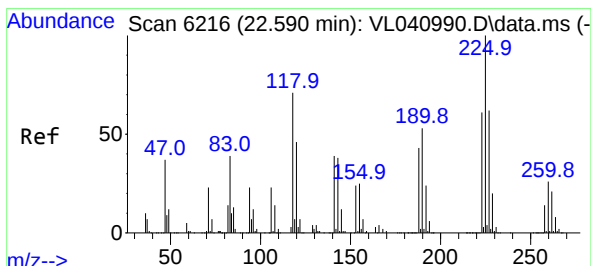
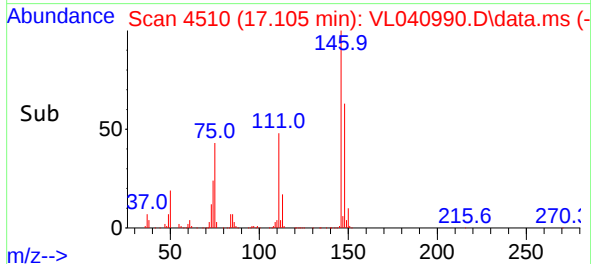
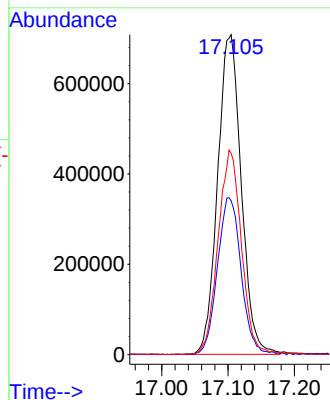
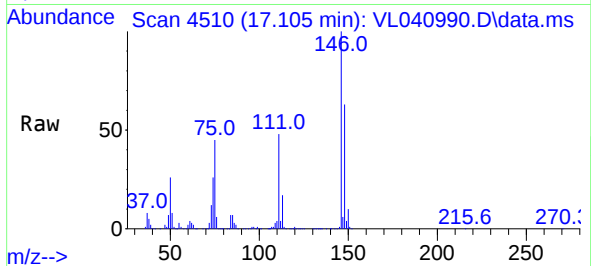




#77
1,2-Dichlorobenzene
Concen: 9.141 ppbv
RT: 17.105 min Scan# 4510
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

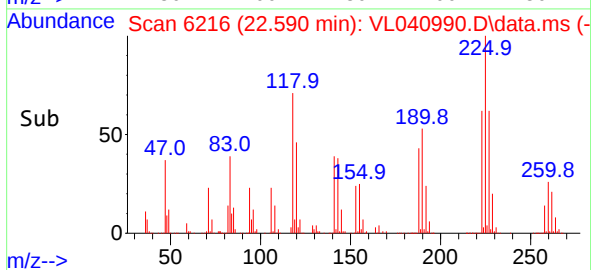
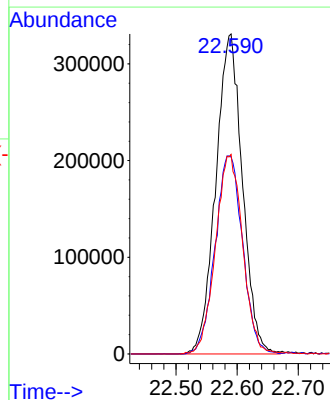
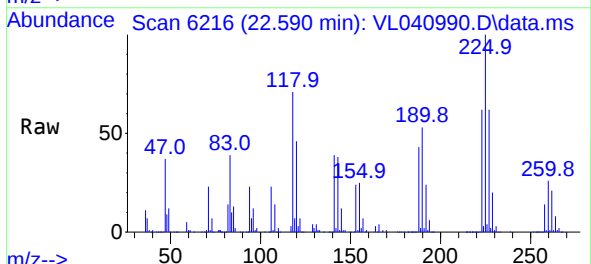
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

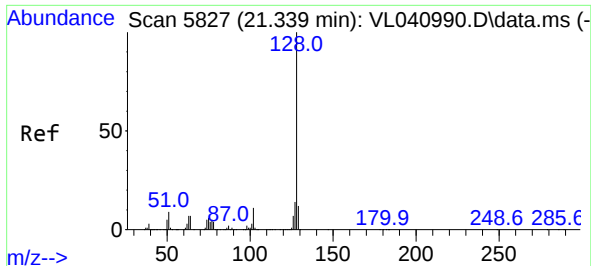
Tgt Ion:146 Resp: 1749844
Ion Ratio Lower Upper
146 100
111 49.5 24.8 74.3
148 63.5 31.8 95.3



#78
Hexachloro-1,3-Butadiene
Concen: 8.105 ppbv
RT: 22.590 min Scan# 6216
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

Tgt Ion:225 Resp: 1000423
Ion Ratio Lower Upper
225 100
223 63.9 51.1 76.7
227 63.7 51.0 76.4

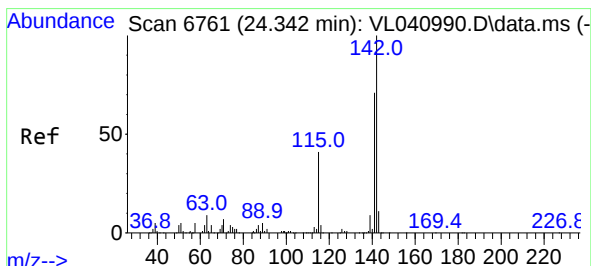
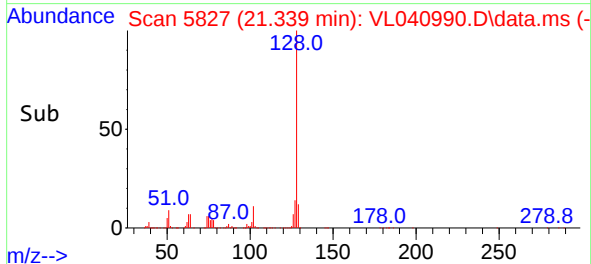
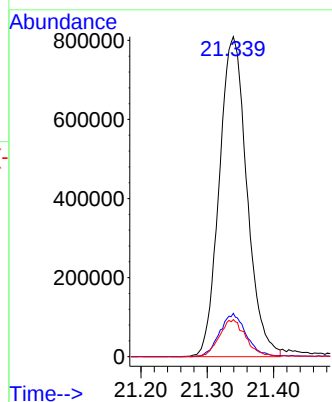
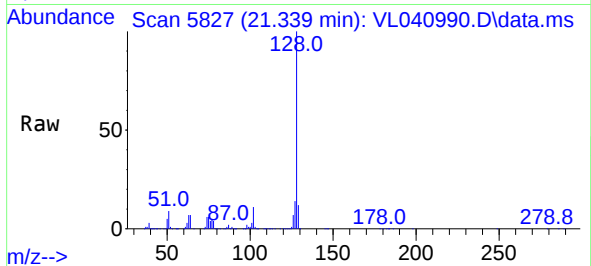




#79
Naphthalene
Concen: 12.119 ppbv
RT: 21.339 min Scan# 5827
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

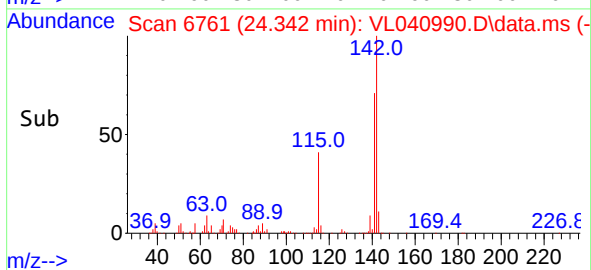
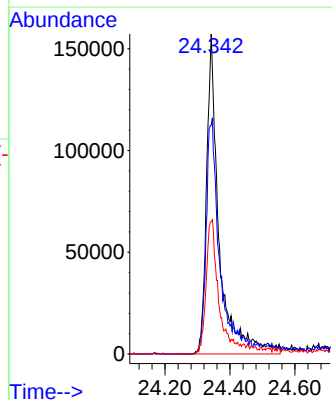
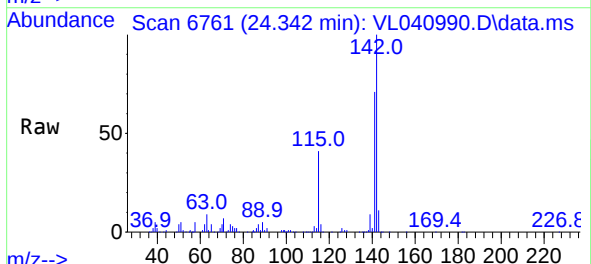
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

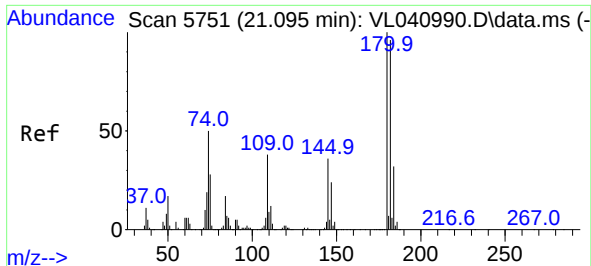
Tgt Ion:128 Resp: 2339599
Ion Ratio Lower Upper
128 100
127 13.6 10.9 16.3
129 11.6 9.3 13.9



#80
Naphthalene,2-methyl-
Concen: 12.464 ppbv
RT: 24.342 min Scan# 6761
Delta R.T. 0.000 min
Lab File: VL040990.D
Acq: 23 Jan 2024 9:43

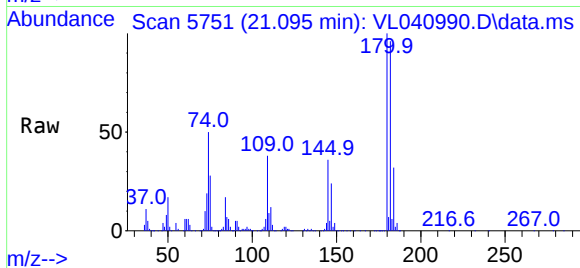
Tgt Ion:142 Resp: 422605
Ion Ratio Lower Upper
142 100
141 78.4 62.7 94.1
115 42.5 34.0 51.0





#81
 1,2,4-Trichlorobenzene
 Concen: 10.049 ppbv
 RT: 21.095 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL040990.D
 Acq: 23 Jan 2024 9:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion:180 Resp: 1131795

Ion	Ratio	Lower	Upper
180	100		
182	98.3	78.6	118.0
184	30.5	24.4	36.6

