

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012324\
 Data File : VL040991.D
 Acq On : 23 Jan 2024 10:23
 Operator : SY/MD
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Quant Time: Jan 24 00:57:48 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	5.153	49	1101778	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.613	114	2842098	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.423	117	2677999	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.728	95	1958718	9.684	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.697	85	501615	2.061	ppbv	97
3) Chlorodifluoromethane	2.642	51	381361	2.058	ppbv	99
4) Chloromethane	2.780	50	140844	2.028	ppbv	94
5) Vinyl Chloride	2.890	62	148910	2.187	ppbv	98
6) Bromomethane	3.086	94	59650	2.012	ppbv	99
7) Chloroethane	3.163	64	49736	2.028	ppbv	96
8) Dichlorotetrafluoroethane	2.822	85	379760	2.089	ppbv	98
9) Propene	2.661	41	132649	2.182	ppbv	95
10) Heptane	7.536	43	315228	2.107	ppbv	99
11) Trichlorofluoromethane	3.526	101	406232	2.072	ppbv	93
12) 1,1,2-Trichlorotrifluo...	4.028	101	287872	2.026	ppbv	94
13) Ethanol	3.218	45	16209	1.119	ppbv #	21
14) Bromoethene	3.330	108	114701	2.102	ppbv	94
15) Acetone	3.439	43	302654	2.148	ppbv	98
16) 1,3-Butadiene	2.951	39	138096	2.049	ppbv	99
17) tert-Butyl alcohol	3.848	59	234399	2.028	ppbv	100
18) 1,1-Dichloroethene	3.845	96	127396	2.094	ppbv	97
19) Isopropyl Alcohol	3.546	45	164347	2.015	ppbv #	97
20) Methylene Chloride	3.896	84	110160	2.032	ppbv	82
21) Allyl Chloride	3.957	41	176046	2.056	ppbv	99
22) trans-1,2-Dichloroethene	4.414	96	125173	1.998	ppbv	91
23) Vinyl Acetate	4.591	43	276780	1.906	ppbv #	95
24) 1,1-Dichloroethane	4.526	63	256877	1.994	ppbv	98
25) Ethyl Acetate	5.169	43	535262	2.095	ppbv	99
26) Hexane	5.172	57	234954	2.158	ppbv	98
27) Carbon Disulfide	4.089	76	305569	2.156	ppbv	99
28) Methyl tert-Butyl Ether	4.555	73	184741	2.044	ppbv	95
29) Chloroform	5.234	83	408221	2.114	ppbv	99
30) Cyclohexane	6.561	84	193279	2.118	ppbv	91
31) cis-1,2-Dichloroethene	5.037	61	222299	2.175	ppbv	96
32) 1,1,1-Trichloroethane	5.960	97	397077	2.151	ppbv	99
34) 2-Butanone	4.751	43	285029	2.105	ppbv	99
35) Carbon Tetrachloride	6.455	117	417570	2.203	ppbv	94
36) Benzene	6.330	78	501756	2.138	ppbv	96
37) 1,2-Dichloroethane	5.764	62	310103	2.165	ppbv	100
38) Trichloroethene	7.246	130	194026	2.062	ppbv	94
39) 1,2-Dichloropropane	7.034	63	198024	2.142	ppbv	95
40) 1,4-Dioxane	7.259	88	45022	1.172	ppbv #	1
41) Tetrahydrofuran	5.526	42	196960	2.142	ppbv	98
42) Bromodichloromethane	7.208	83	439387	2.144	ppbv	95
43) Methyl Methacrylate	7.439	69	198913	2.196	ppbv	100
44) 2,2,4-Trimethylpentane	7.285	57	864098	2.188	ppbv	100
45) t-1,3-Dichloropropene	8.671	75	127188	2.055	ppbv	97

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

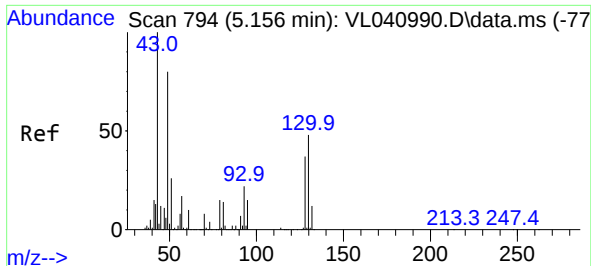
Quant Time: Jan 24 00:57:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jan 24 00:50:15 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.102	75	156385	2.026	ppbv	93
47) 1,1,2-Trichloroethane	8.854	97	207676	2.084	ppbv	95
48) Dibromochloromethane	9.667	129	355781	2.111	ppbv	99
49) Bromoform	12.359	173	290727	2.200	ppbv	100
50) 4-Methyl-2-Pentanone	8.147	43	519108	2.177	ppbv	100
51) 2-Hexanone	9.516	43	373913	2.175	ppbv #	99
52) Tetrachloroethene	10.571	164	167164	2.145	ppbv	94
53) Toluene	9.179	91	553782	2.154	ppbv	100
54) 1,2-Dibromoethane	9.967	107	298784	2.214	ppbv	93
56) 1,1,1,2-Tetrachloroethane	11.465	131	264698	2.060	ppbv #	1
57) Chlorobenzene	11.484	112	454653	2.111	ppbv	98
58) Ethyl Benzene	12.047	91	769779	2.141	ppbv	98
59) m/p-Xylene	12.330	91	597527	1.906	ppbv #	17
60) o-Xylene	13.011	91	654264	2.175	ppbv	99
61) Styrene	12.854	104	295172	2.137	ppbv	98
62) Isopropylbenzene	13.989	105	953848	2.144	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.002	83	500438	2.140	ppbv	99
64) n-propylbenzene	14.873	120	243546	2.167	ppbv	92
65) tert-Butylbenzene	16.047	119	856997	2.205	ppbv	96
66) Benzyl Chloride	16.278	91	19096	0.750	ppbv #	60
67) sec-Butylbenzene	16.593	105	1254225	2.216	ppbv	99
69) p-Isopropyltoluene	16.953	119	983136	2.242	ppbv	98
70) n-Butylbenzene	17.847	91	1095680	2.313	ppbv	97
71) 2-Chlorotoluene	14.757	91	741087	2.159	ppbv	100
72) 4-Ethyltoluene	15.153	105	722381	2.150	ppbv	99
73) 1,3,5-Trimethylbenzene	15.307	105	654768	2.196	ppbv	98
74) 1,2,4-Trimethylbenzene	16.063	105	744855	2.204	ppbv	98
75) 1,3-Dichlorobenzene	16.285	146	416233	2.164	ppbv	100
76) 1,4-Dichlorobenzene	16.429	146	394924	2.080	ppbv	97
77) 1,2-Dichlorobenzene	17.101	146	418337	2.188	ppbv	98
78) Hexachloro-1,3-Butadiene	22.587	225	139401	1.131	ppbv #	22
79) Naphthalene	21.342	128	499178	2.589	ppbv	96
80) Naphthalene,2-methyl-	24.345	142	70680	2.087	ppbv	93
81) 1,2,4-Trichlorobenzene	21.098	180	243475	2.164	ppbv	97

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

Quant Time: Jan 24 00:57:48 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

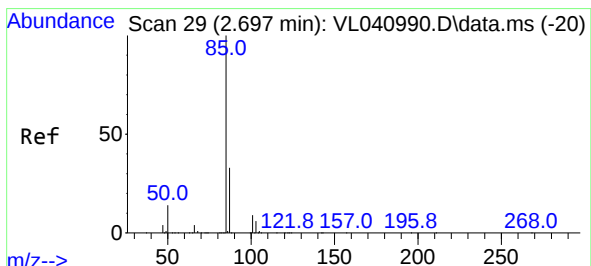
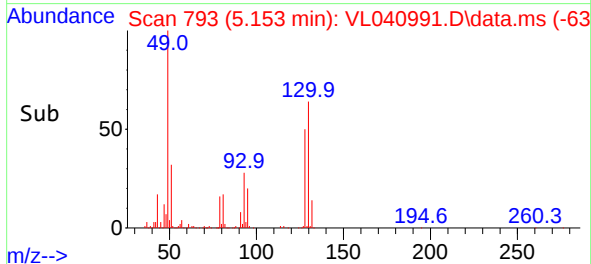
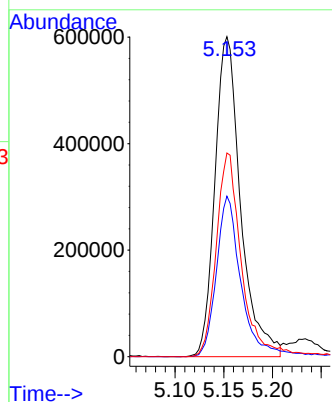
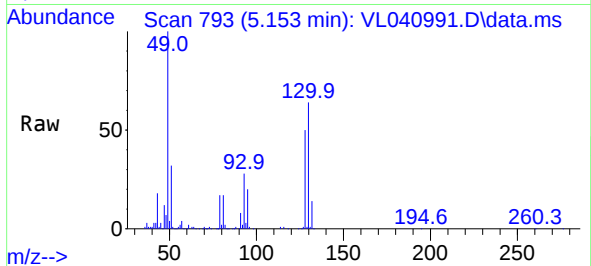




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.153 min Scan# 794
 Delta R.T. -0.003 min
 Lab File: VL040991.D
 Acq: 23 Jan 2024 10:23

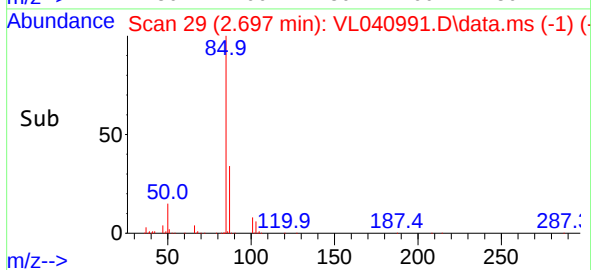
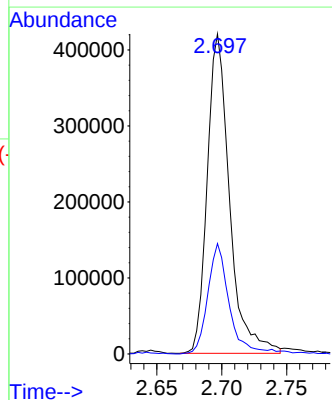
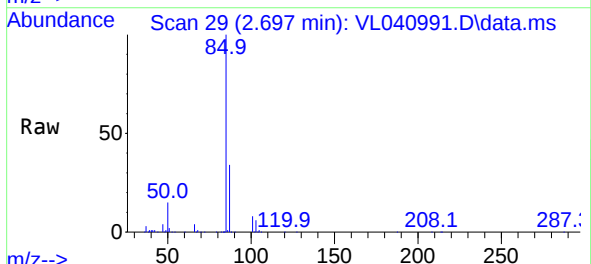
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

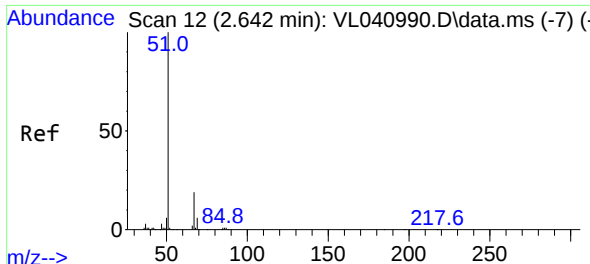
Tgt Ion: 49 Resp: 1101778
 Ion Ratio Lower Upper
 49 100
 128 49.7 23.9 71.7
 130 64.2 31.1 93.5



#2
 Dichlorodifluoromethane
 Concen: 2.061 ppbv
 RT: 2.697 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VL040991.D
 Acq: 23 Jan 2024 10:23

Tgt Ion: 85 Resp: 501615
 Ion Ratio Lower Upper
 85 100
 87 34.5 26.3 39.5

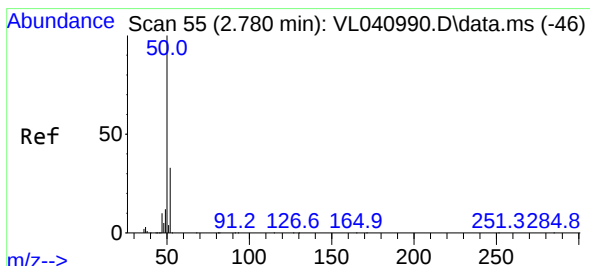
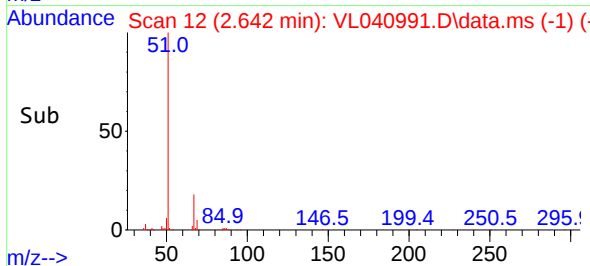
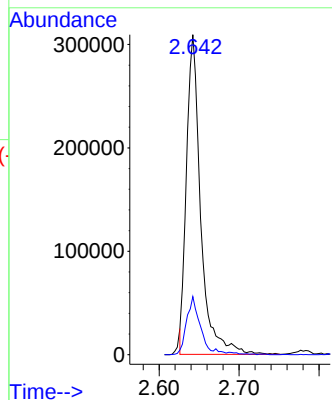
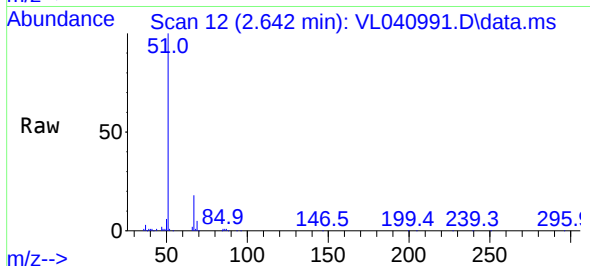




#3
Chlorodifluoromethane
Concen: 2.058 ppbv
RT: 2.642 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

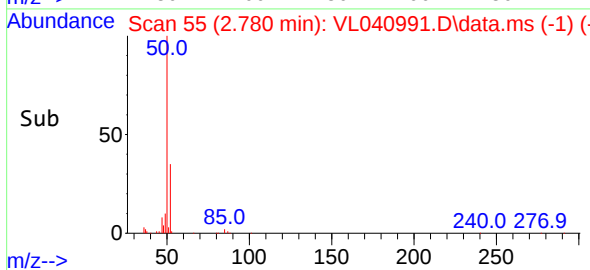
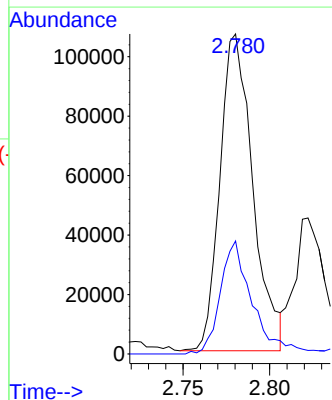
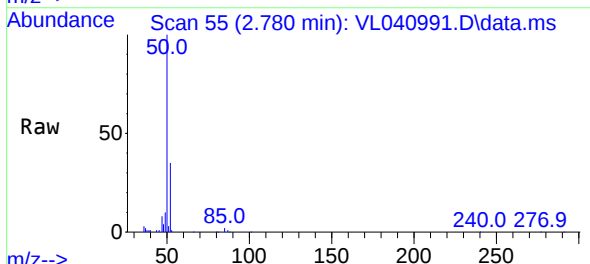
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 51 Resp: 381361
Ion Ratio Lower Upper
51 100
67 18.0 14.8 22.2

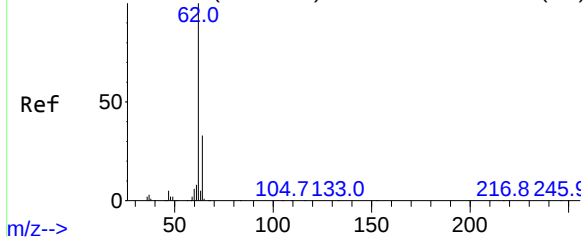


#4
Chloromethane
Concen: 2.028 ppbv
RT: 2.780 min Scan# 55
Delta R.T. -0.000 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Tgt Ion: 50 Resp: 140844
Ion Ratio Lower Upper
50 100
52 36.2 26.2 39.4



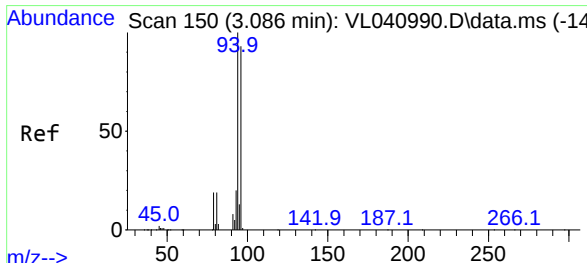
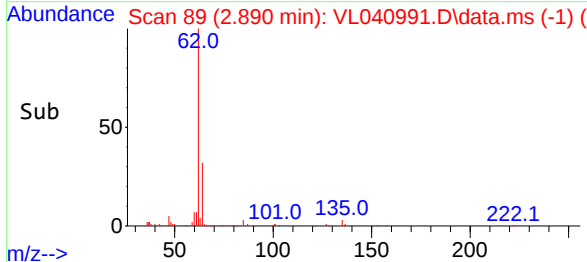
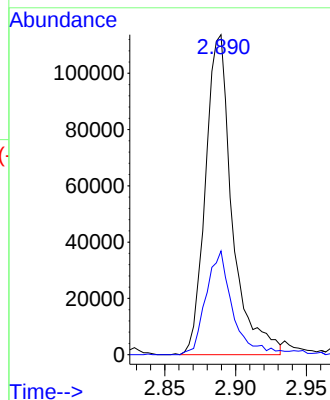
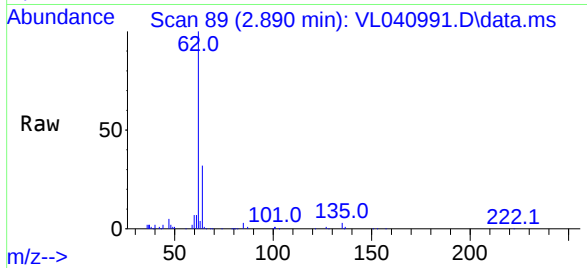
Abundance Scan 88 (2.886 min): VL040990.D\data.ms (-77)



#5
Vinyl Chloride
Concen: 2.187 ppbv
RT: 2.890 min Scan# 89
Delta R.T. 0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

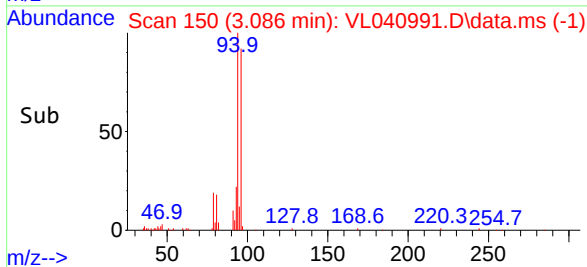
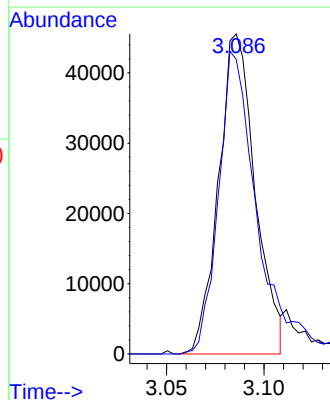
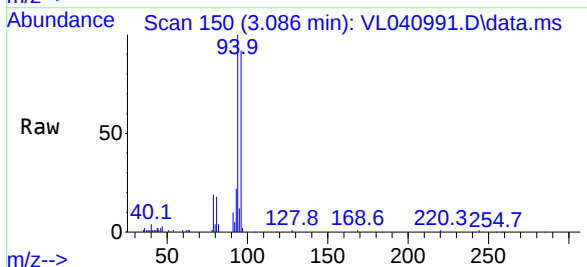
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002

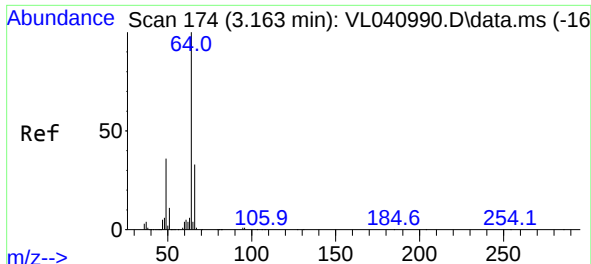
Tgt Ion: 62 Resp: 148910
Ion Ratio Lower Upper
62 100
64 32.4 26.6 40.0



#6
Bromomethane
Concen: 2.012 ppbv
RT: 3.086 min Scan# 150
Delta R.T. -0.000 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Tgt Ion: 94 Resp: 59650
Ion Ratio Lower Upper
94 100
96 92.0 74.2 111.4

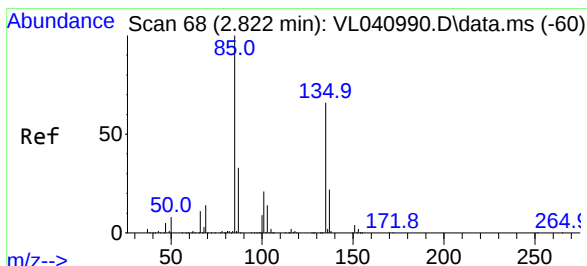
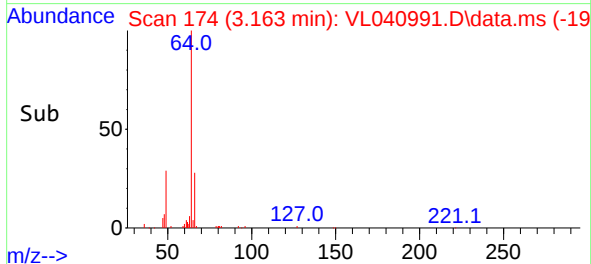
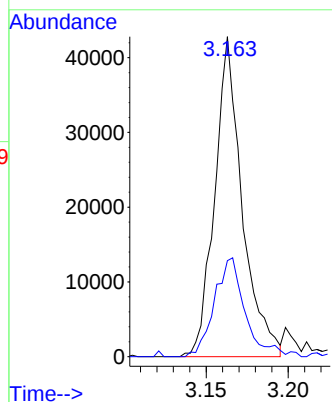
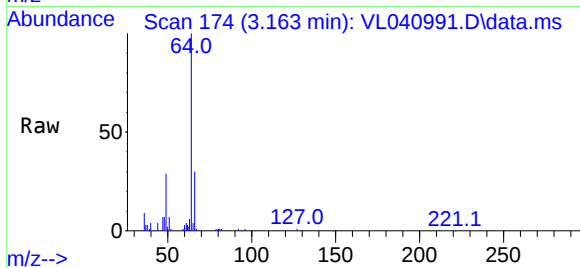




#7
Chloroethane
Concen: 2.028 ppbv
RT: 3.163 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

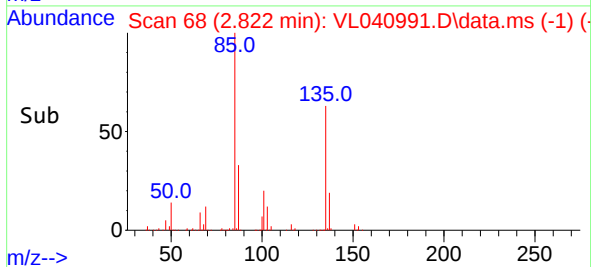
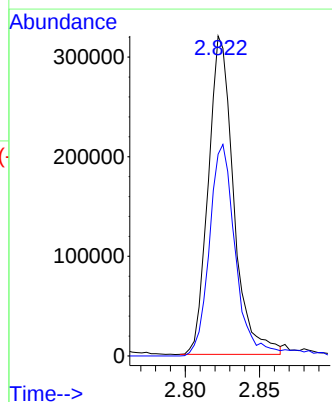
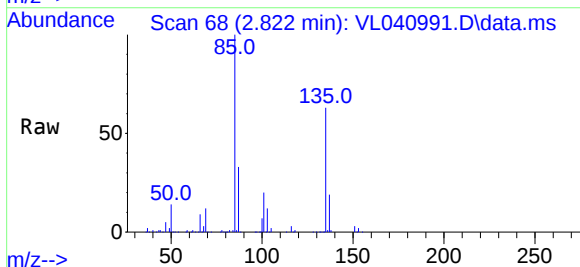
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MSVOA_L
ClientSampleId :
VSTDICC002

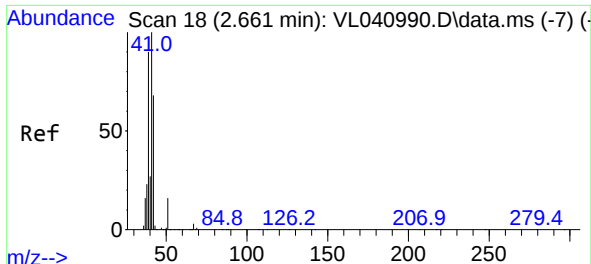
Tgt Ion: 64 Resp: 49736
Ion Ratio Lower Upper
64 100
66 30.0 26.0 39.0



#8
Dichlorotetrafluoroethane
Concen: 2.089 ppbv
RT: 2.822 min Scan# 68
Delta R.T. -0.000 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Tgt Ion: 85 Resp: 379760
Ion Ratio Lower Upper
85 100
135 70.6 55.0 82.6

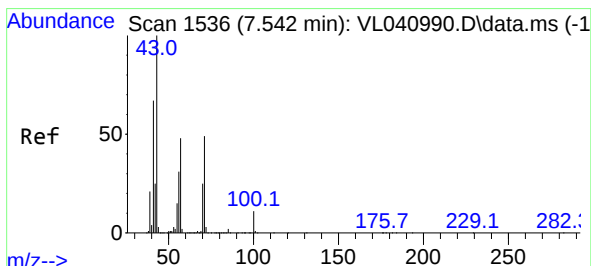
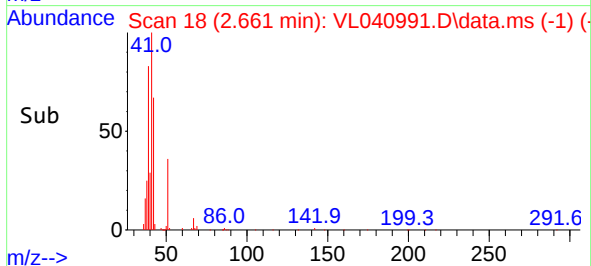
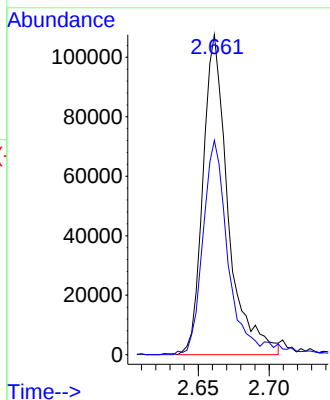
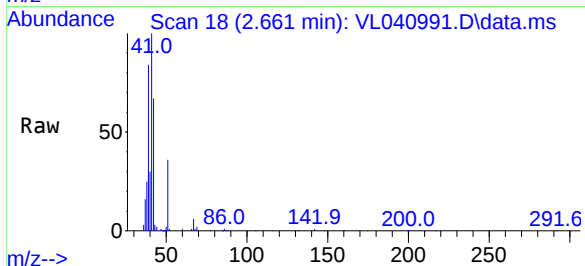




#9
 Propene
 Concen: 2.182 ppbv
 RT: 2.661 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VL040991.D
 Acq: 23 Jan 2024 10:23

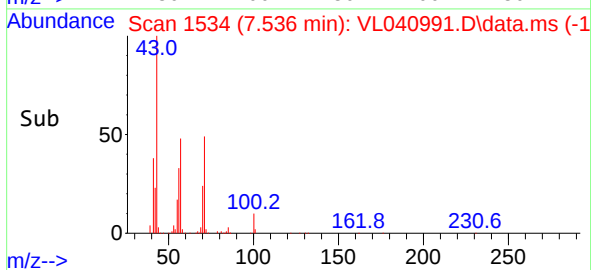
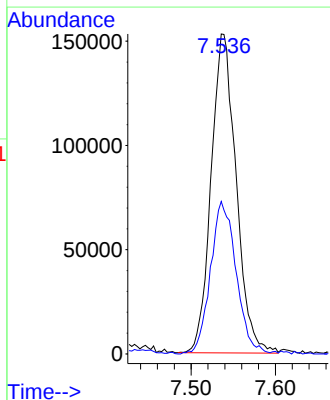
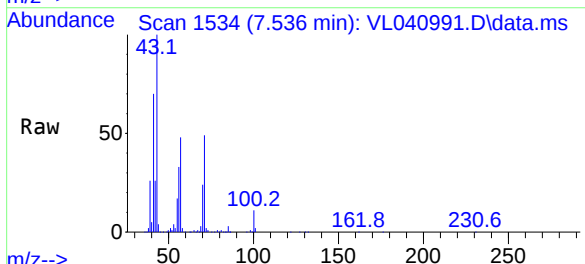
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

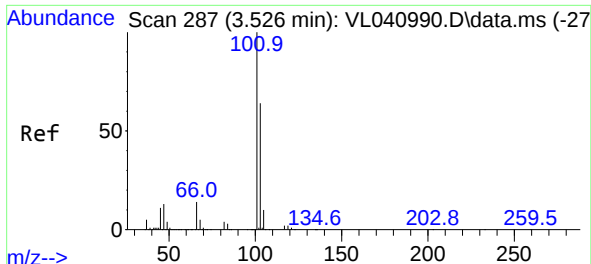
Tgt Ion: 41 Resp: 132649
 Ion Ratio Lower Upper
 41 100
 42 69.8 59.0 88.4



#10
 Heptane
 Concen: 2.107 ppbv
 RT: 7.536 min Scan# 1534
 Delta R.T. -0.006 min
 Lab File: VL040991.D
 Acq: 23 Jan 2024 10:23

Tgt Ion: 43 Resp: 315228
 Ion Ratio Lower Upper
 43 100
 57 49.7 39.4 59.2

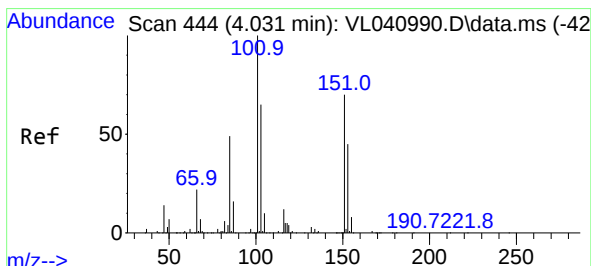
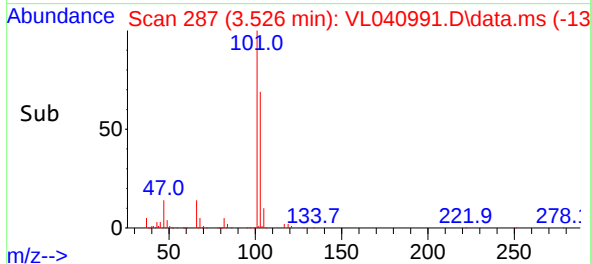
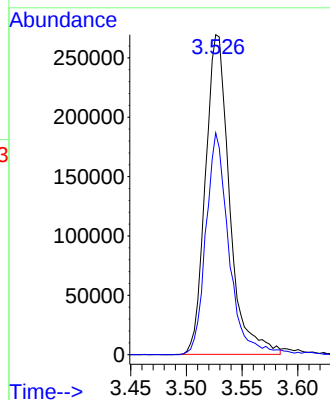
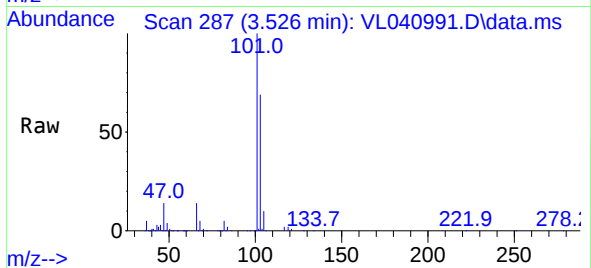




#11
 Trichlorofluoromethane
 Concen: 2.072 ppbv
 RT: 3.526 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VL040991.D
 Acq: 23 Jan 2024 10:23

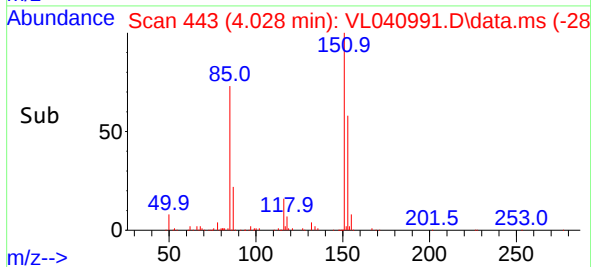
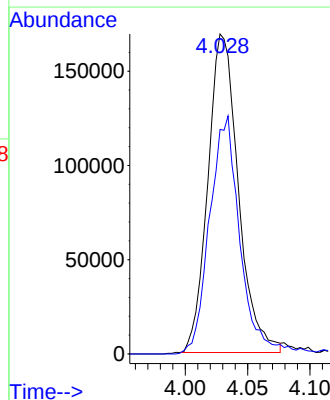
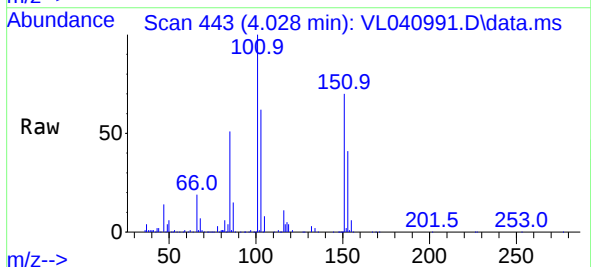
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

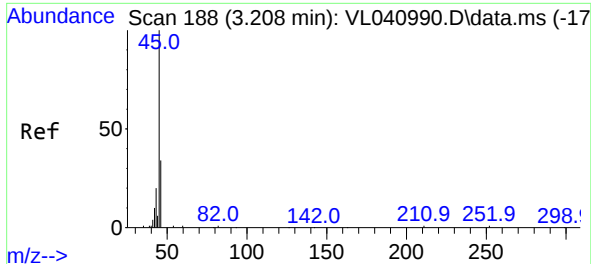
Tgt Ion:101 Resp: 406232
 Ion Ratio Lower Upper
 101 100
 103 69.4 51.4 77.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.026 ppbv
 RT: 4.028 min Scan# 443
 Delta R.T. -0.003 min
 Lab File: VL040991.D
 Acq: 23 Jan 2024 10:23

Tgt Ion:101 Resp: 287872
 Ion Ratio Lower Upper
 101 100
 151 75.4 56.6 85.0





#13

Ethanol

Concen: 1.119 ppbv

RT: 3.218 min Scan# 191

Delta R.T. 0.010 min

Lab File: VL040991.D

Acq: 23 Jan 2024 10:23

Instrument :

MSVOA_L

ClientSampleId :

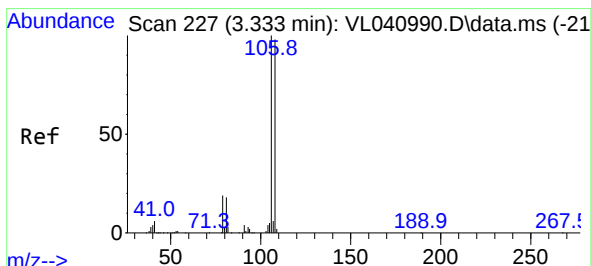
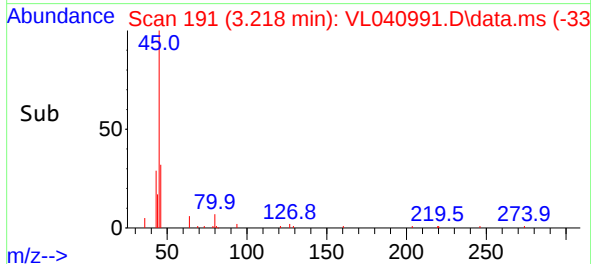
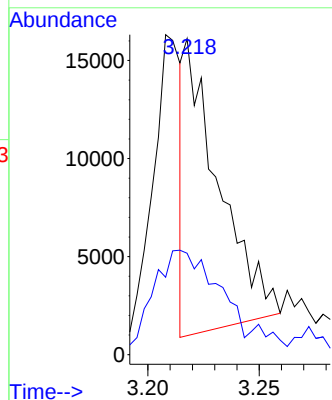
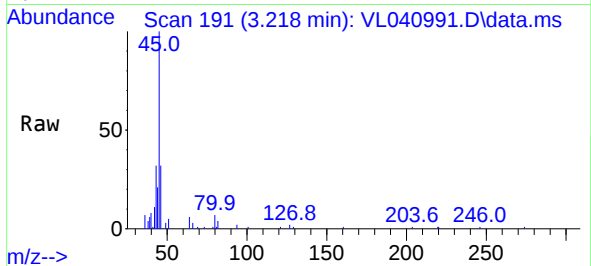
VSTDICC002

Tgt Ion: 45 Resp: 16209

Ion Ratio Lower Upper

45 100

46 89.5 16.2 64.8#



#14

Bromoethene

Concen: 2.102 ppbv

RT: 3.330 min Scan# 226

Delta R.T. -0.003 min

Lab File: VL040991.D

Acq: 23 Jan 2024 10:23

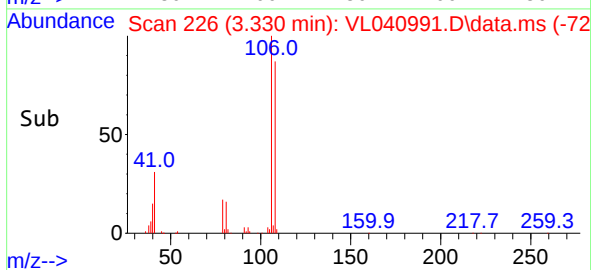
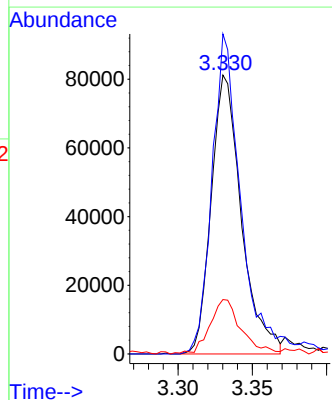
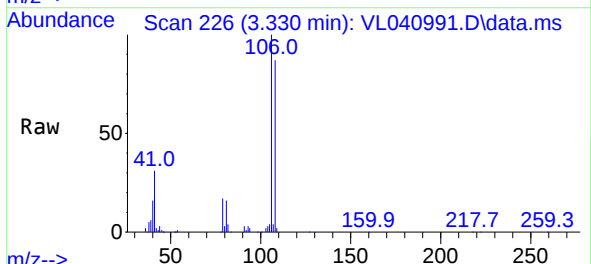
Tgt Ion: 108 Resp: 114701

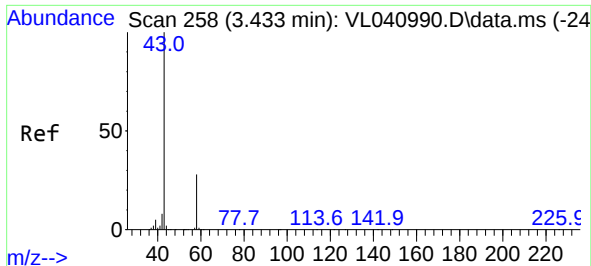
Ion Ratio Lower Upper

108 100

106 114.6 86.4 129.6

79 23.1 16.2 24.4

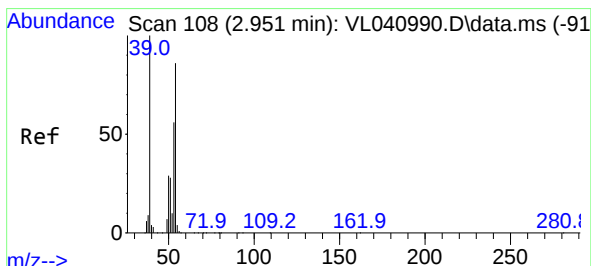
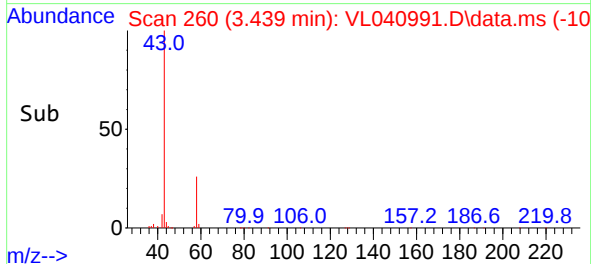
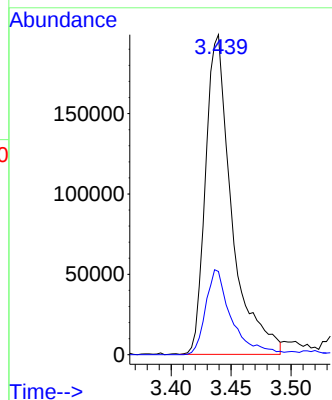
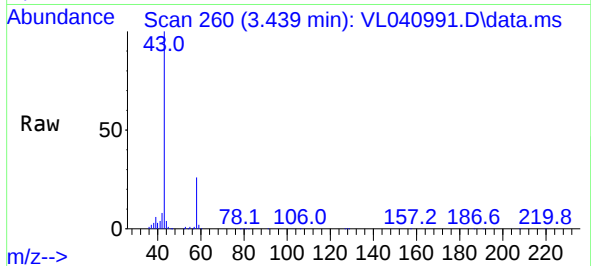




#15
Acetone
Concen: 2.148 ppbv
RT: 3.439 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

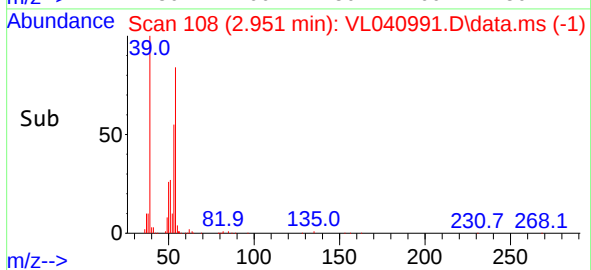
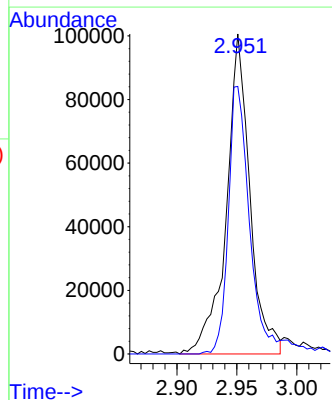
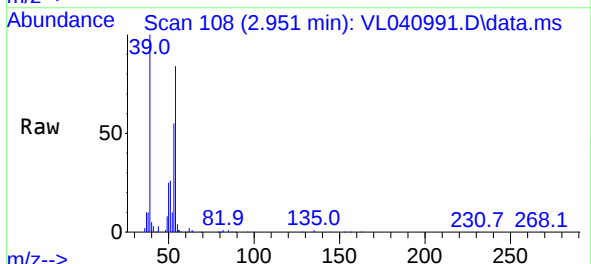
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

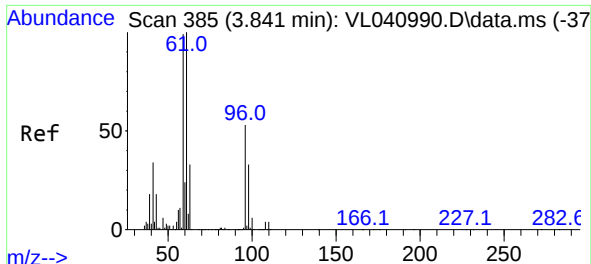
Tgt Ion: 43 Resp: 302654
Ion Ratio Lower Upper
43 100
58 26.4 22.2 33.2



#16
1,3-Butadiene
Concen: 2.049 ppbv
RT: 2.951 min Scan# 108
Delta R.T. -0.000 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Tgt Ion: 39 Resp: 138096
Ion Ratio Lower Upper
39 100
54 79.7 62.7 94.1

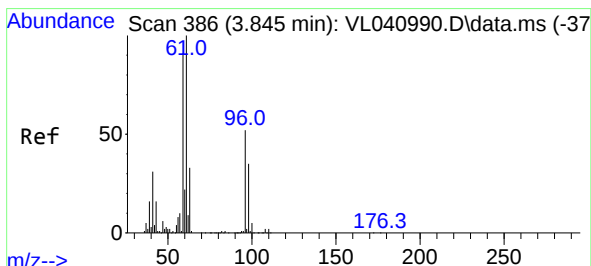
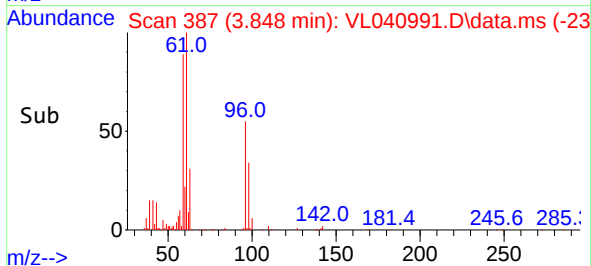
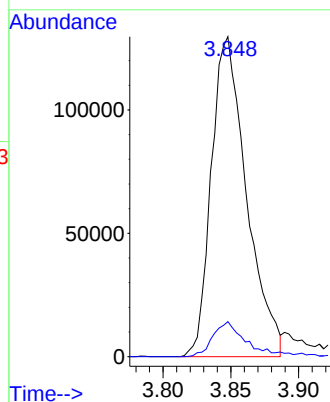
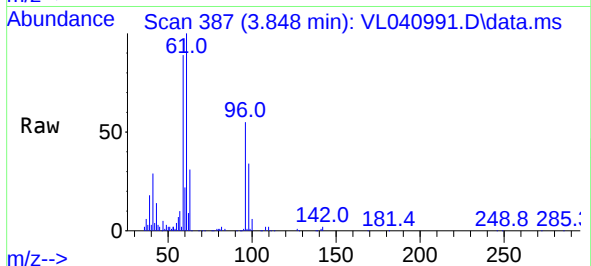




#17
tert-Butyl alcohol
Concen: 2.028 ppbv
RT: 3.848 min Scan# 387
Delta R.T. 0.006 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

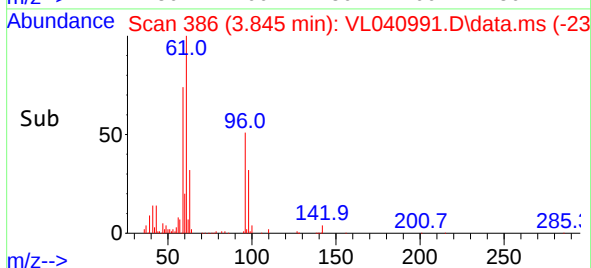
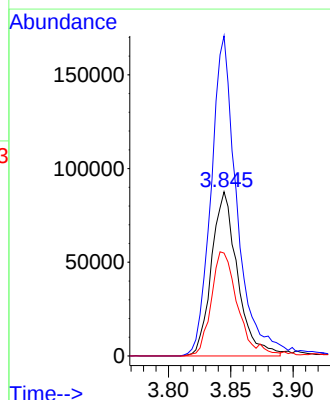
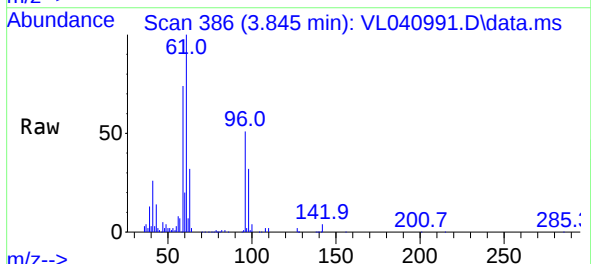
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC002

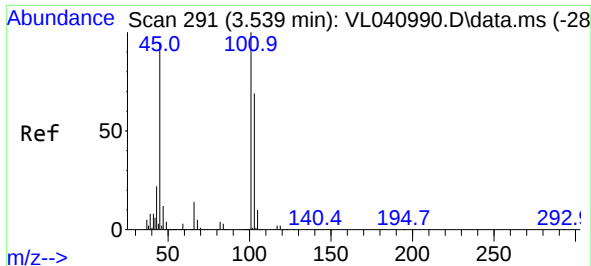
Tgt Ion: 59 Resp: 234399
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1



#18
1,1-Dichloroethene
Concen: 2.094 ppbv
RT: 3.845 min Scan# 386
Delta R.T. -0.000 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Tgt Ion: 96 Resp: 127396
Ion Ratio Lower Upper
96 100
61 194.9 153.8 230.8
98 62.7 53.7 80.5

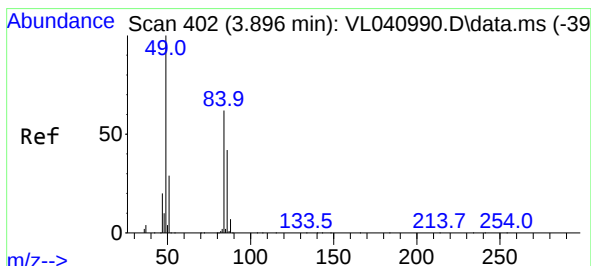
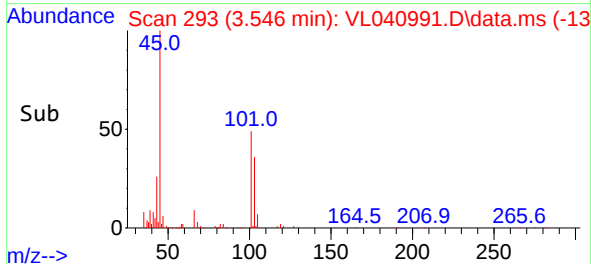
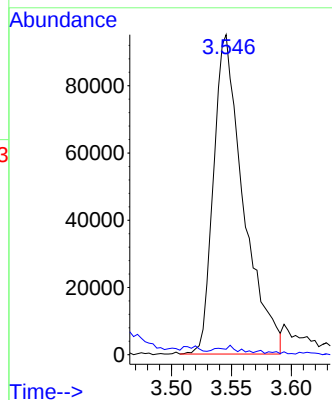
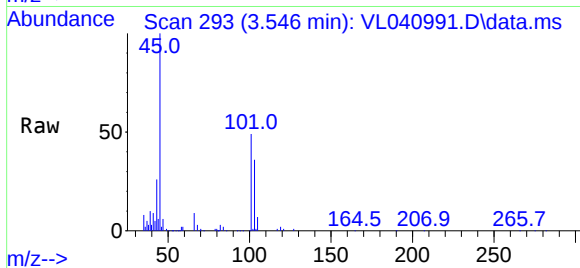




#19
Isopropyl Alcohol
Concen: 2.015 ppbv
RT: 3.546 min Scan# 291
Delta R.T. 0.006 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

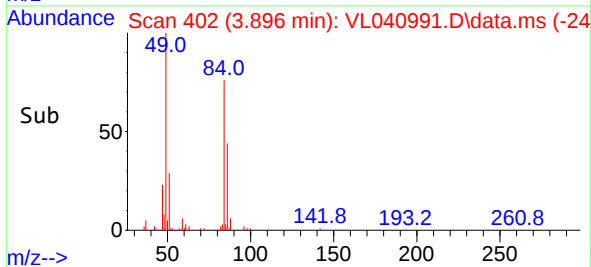
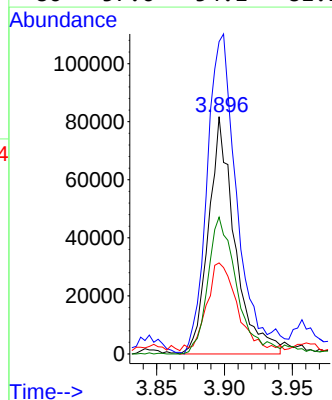
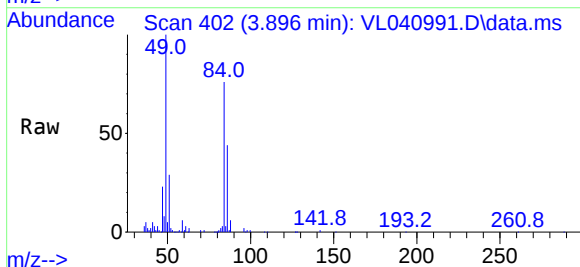
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

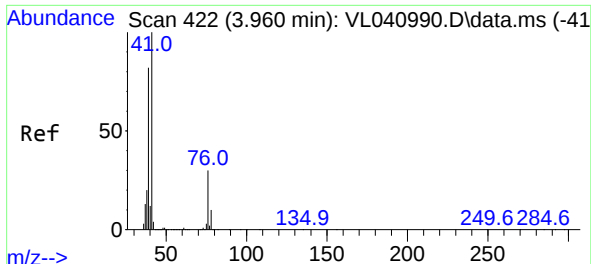
Tgt Ion: 45 Resp: 164347
Ion Ratio Lower Upper
45 100
58 1.7 2.2 3.4#



#20
Methylene Chloride
Concen: 2.032 ppbv
RT: 3.896 min Scan# 402
Delta R.T. -0.000 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Tgt Ion: 84 Resp: 110160
Ion Ratio Lower Upper
84 100
49 130.9 128.1 192.1
51 36.9 36.5 54.7
86 57.6 54.1 81.1





#21

Allyl Chloride

Concen: 2.056 ppbv

RT: 3.957 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL040991.D

Acq: 23 Jan 2024 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

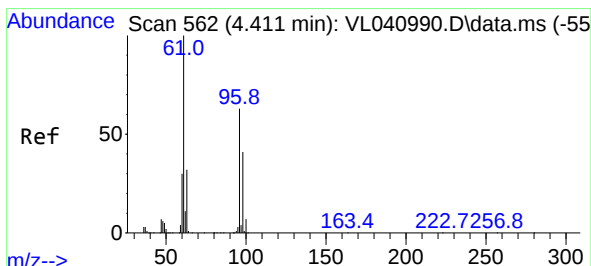
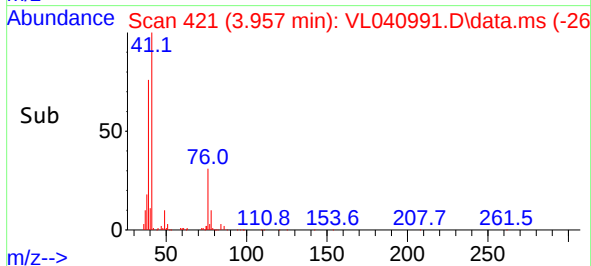
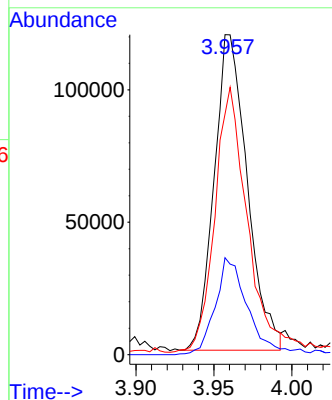
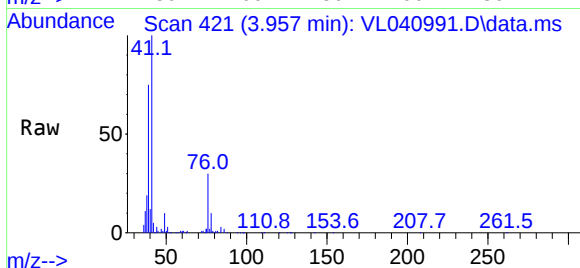
Tgt Ion: 41 Resp: 176046

Ion Ratio Lower Upper

41 100

76 30.8 25.0 37.4

39 85.2 67.0 100.6



#22

trans-1,2-Dichloroethene

Concen: 1.998 ppbv

RT: 4.414 min Scan# 563

Delta R.T. 0.003 min

Lab File: VL040991.D

Acq: 23 Jan 2024 10:23

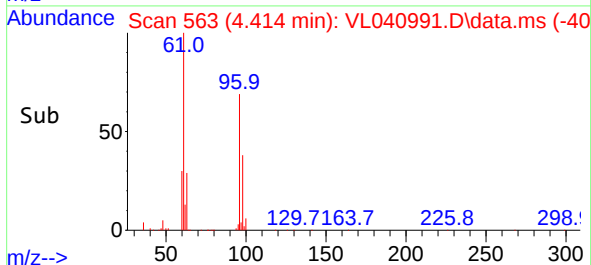
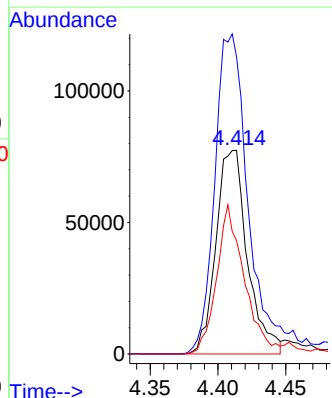
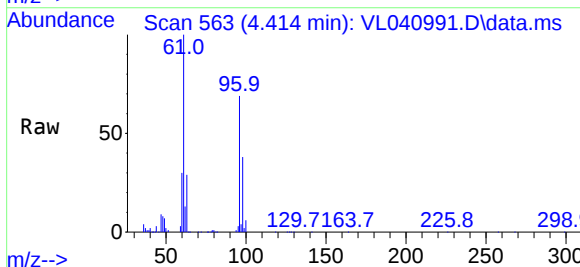
Tgt Ion: 96 Resp: 125173

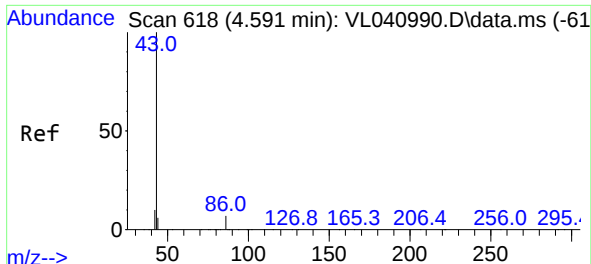
Ion Ratio Lower Upper

96 100

61 145.9 126.0 189.0

98 55.7 51.2 76.8

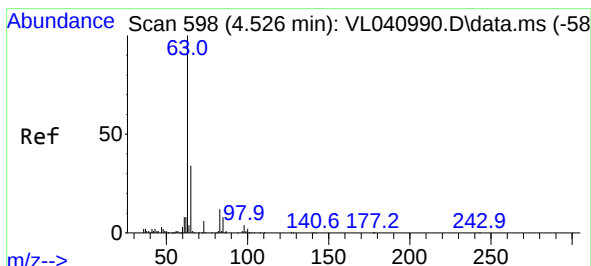
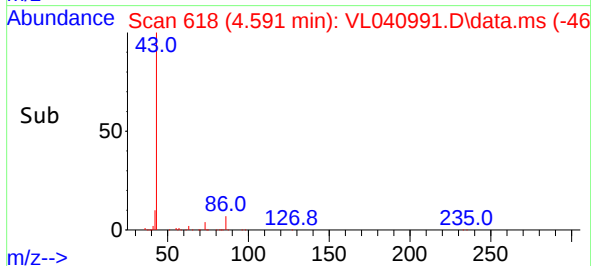
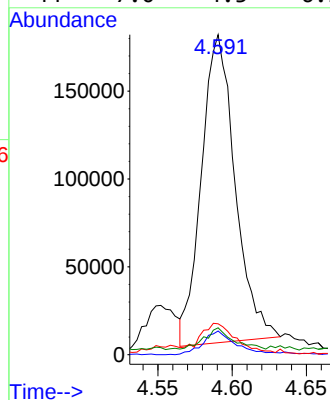
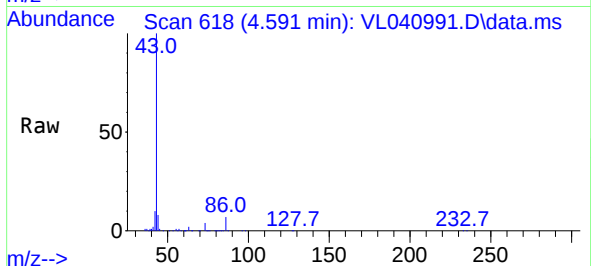




#23
Vinyl Acetate
Concen: 1.906 ppbv
RT: 4.591 min Scan# 61
Delta R.T. -0.000 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

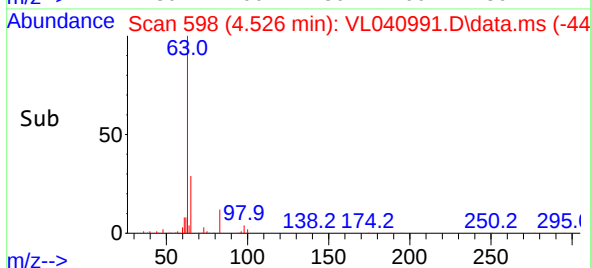
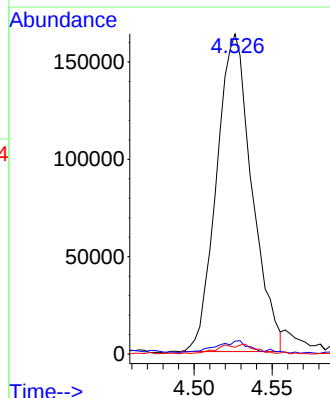
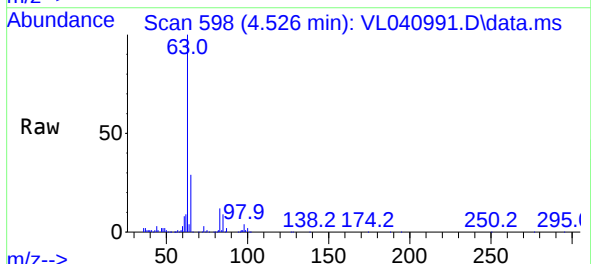
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

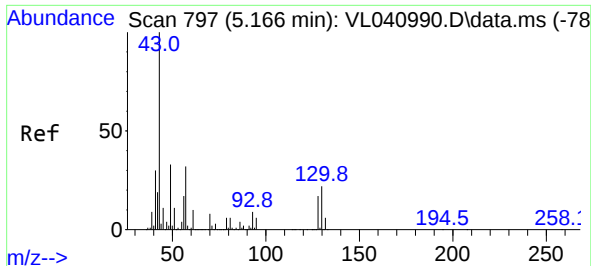
Tgt Ion: 43 Resp: 276780
Ion Ratio Lower Upper
43 100
86 7.5 5.4 8.0
42 8.4 8.6 13.0#
44 7.0 4.3 6.5#



#24
1,1-Dichloroethane
Concen: 1.994 ppbv
RT: 4.526 min Scan# 598
Delta R.T. -0.000 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Tgt Ion: 63 Resp: 256877
Ion Ratio Lower Upper
63 100
98 3.5 2.1 6.3
100 2.0 1.3 3.9



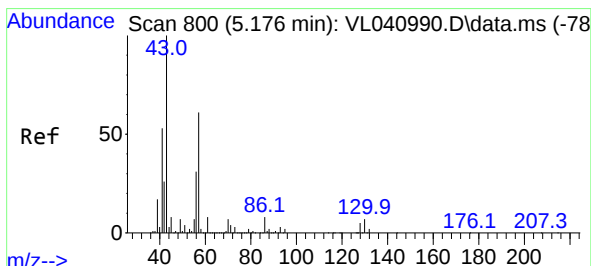
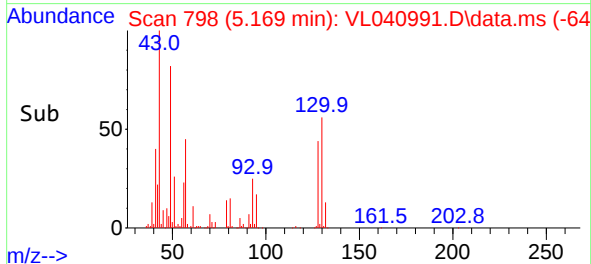
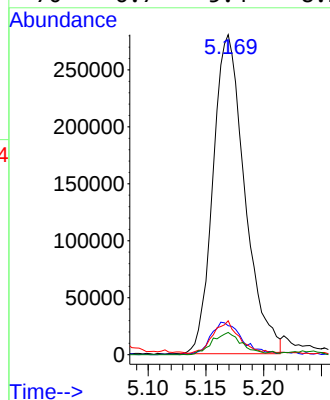
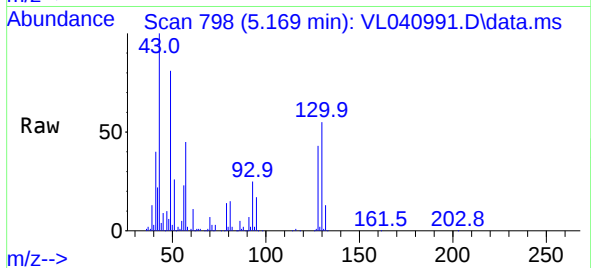


#25
Ethyl Acetate
Concen: 2.095 ppbv
RT: 5.169 min Scan# 797
Delta R.T. 0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 535262

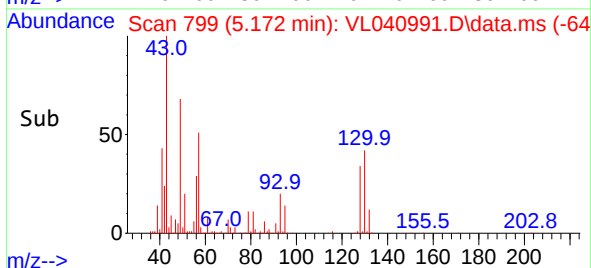
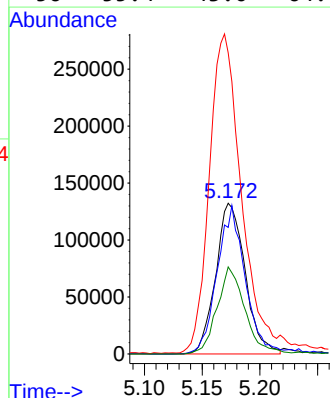
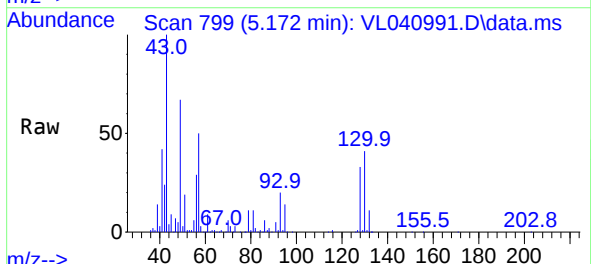
Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.2	12.4
61	9.5	7.9	11.9
70	6.7	5.4	8.2

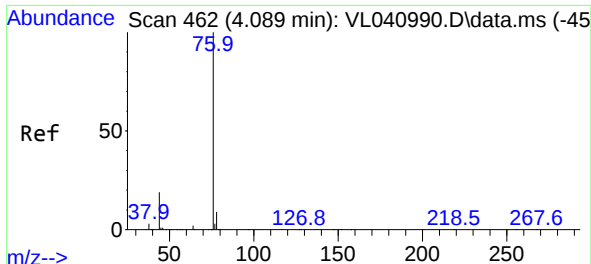


#26
Hexane
Concen: 2.158 ppbv
RT: 5.172 min Scan# 799
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Tgt Ion: 57 Resp: 234954

Ion	Ratio	Lower	Upper
57	100		
41	96.5	74.4	111.6
43	237.3	190.6	285.8
56	55.4	43.0	64.4

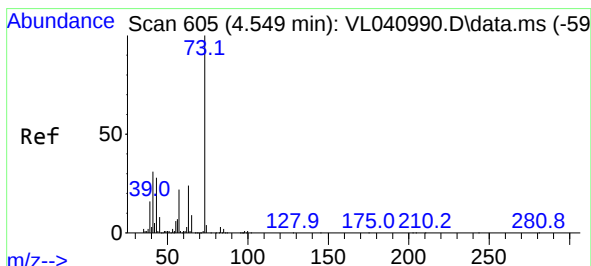
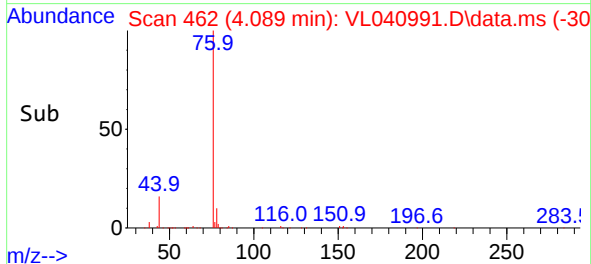
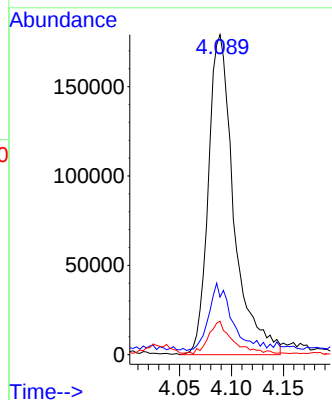
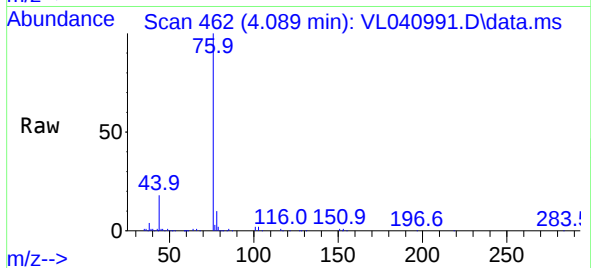




#27
Carbon Disulfide
Concen: 2.156 ppbv
RT: 4.089 min Scan# 407
Delta R.T. -0.000 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

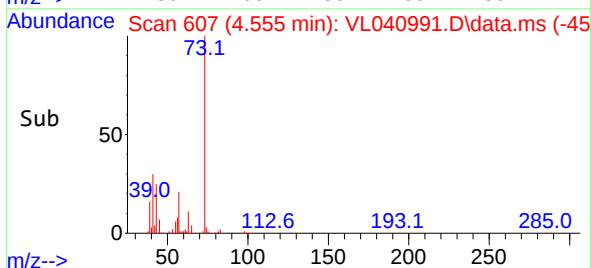
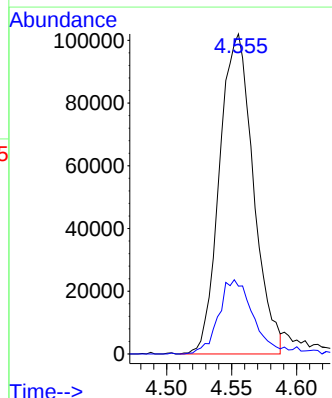
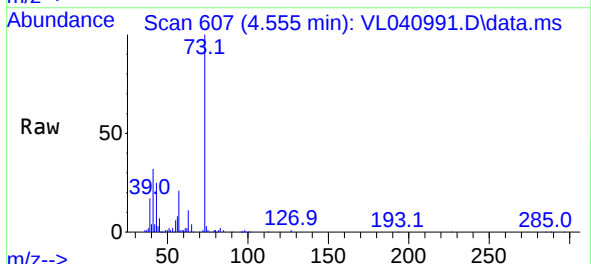
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002

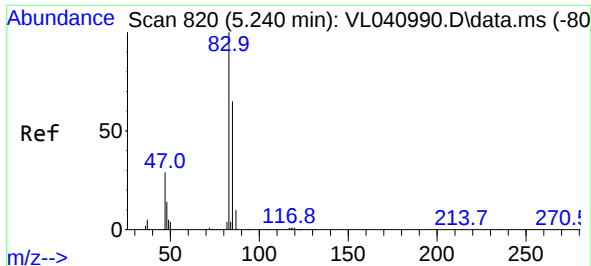
Tgt Ion: 76 Resp: 305569
Ion Ratio Lower Upper
76 100
44 20.4 16.0 24.0
78 10.6 7.8 11.8



#28
Methyl tert-Butyl Ether
Concen: 2.044 ppbv
RT: 4.555 min Scan# 607
Delta R.T. 0.006 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Tgt Ion: 73 Resp: 184741
Ion Ratio Lower Upper
73 100
57 24.7 18.0 27.0

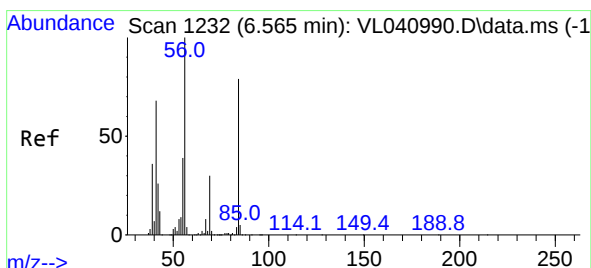
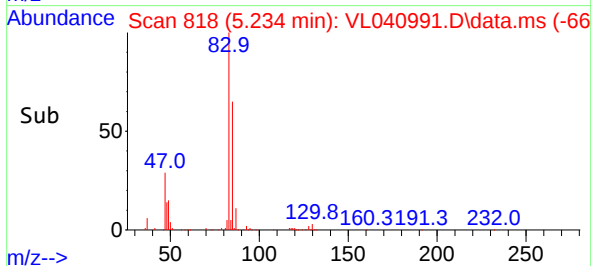
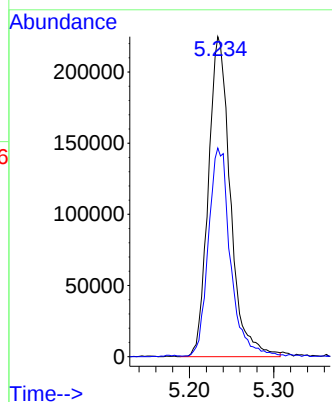
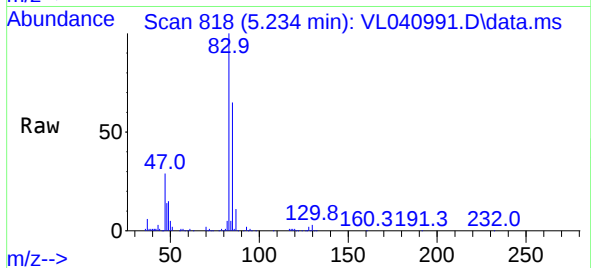




#29
Chloroform
Concen: 2.114 ppbv
RT: 5.234 min Scan# 81
Delta R.T. -0.006 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

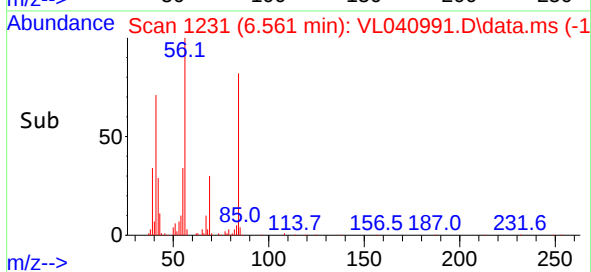
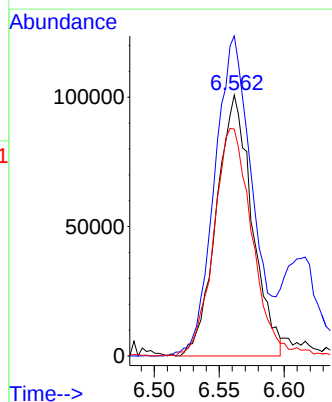
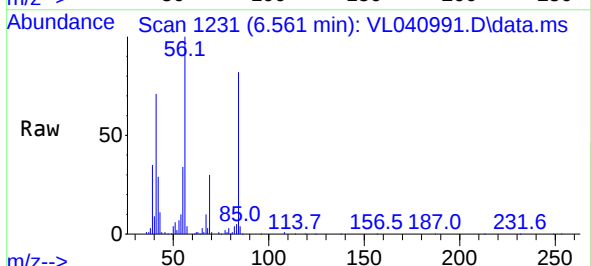
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

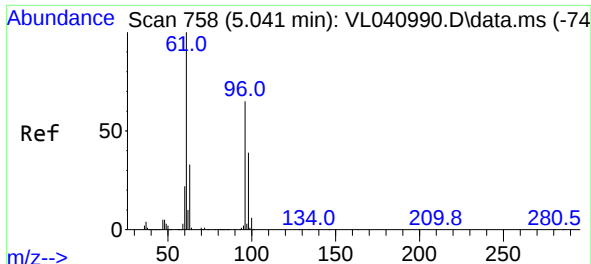
Tgt Ion: 83 Resp: 408221
Ion Ratio Lower Upper
83 100
85 64.9 51.6 77.4



#30
Cyclohexane
Concen: 2.118 ppbv
RT: 6.561 min Scan# 1231
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Tgt Ion: 84 Resp: 193279
Ion Ratio Lower Upper
84 100
56 126.9 111.7 167.5
41 94.4 71.0 106.6

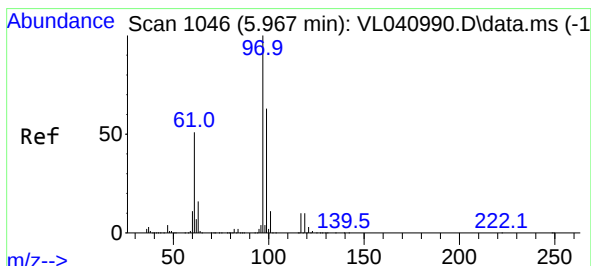
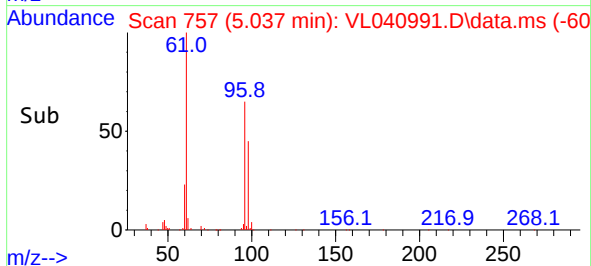
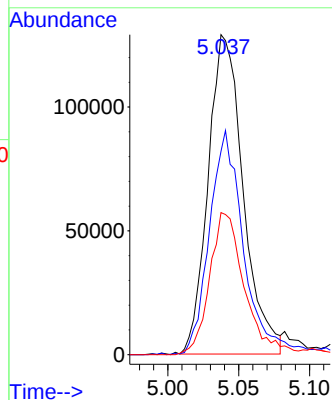
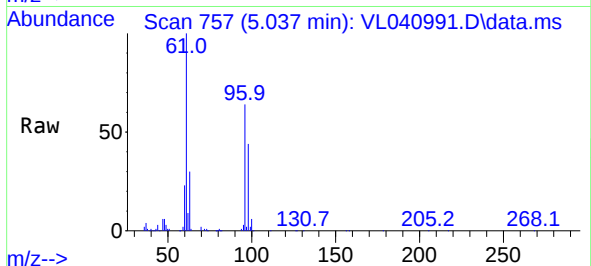




#31
cis-1,2-Dichloroethene
Concen: 2.175 ppbv
RT: 5.037 min Scan# 71
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

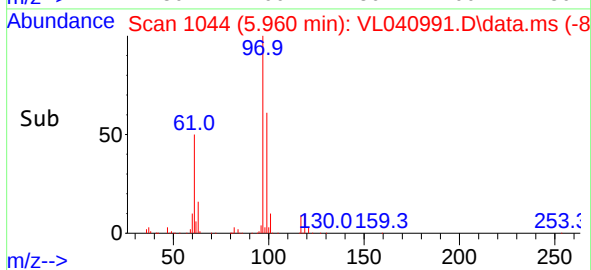
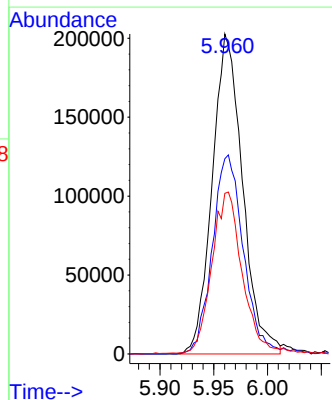
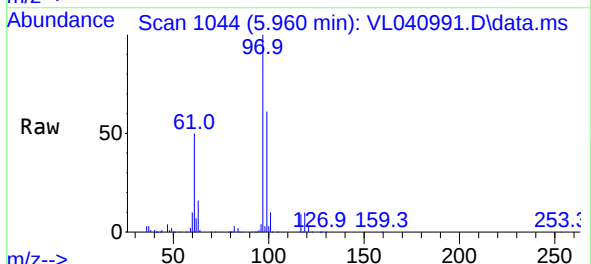
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

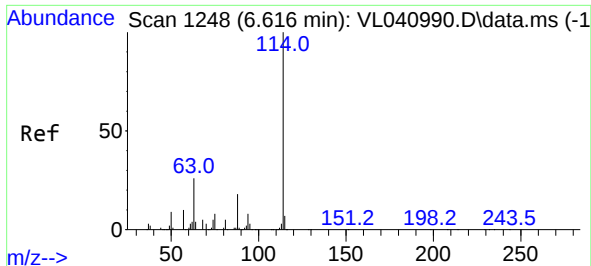
Tgt Ion: 61 Resp: 222299
Ion Ratio Lower Upper
61 100
96 63.4 51.9 77.9
98 44.0 31.5 47.3



#32
1,1,1-Trichloroethane
Concen: 2.151 ppbv
RT: 5.960 min Scan# 1044
Delta R.T. -0.006 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Tgt Ion: 97 Resp: 397077
Ion Ratio Lower Upper
97 100
99 64.5 51.5 77.3
61 51.8 40.3 60.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.613 min Scan# 114

Delta R.T. -0.003 min

Lab File: VL040991.D

Acq: 23 Jan 2024 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

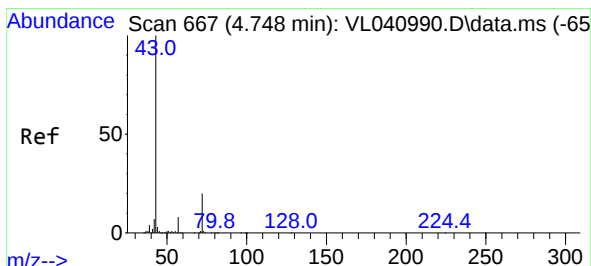
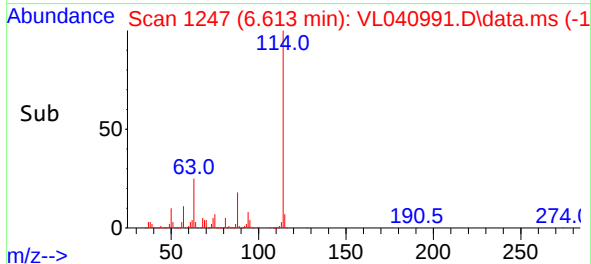
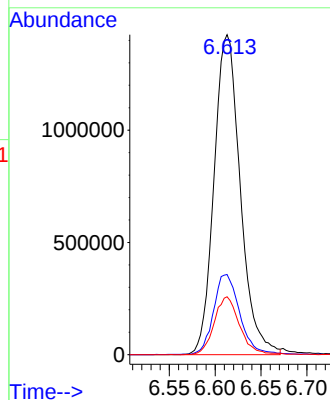
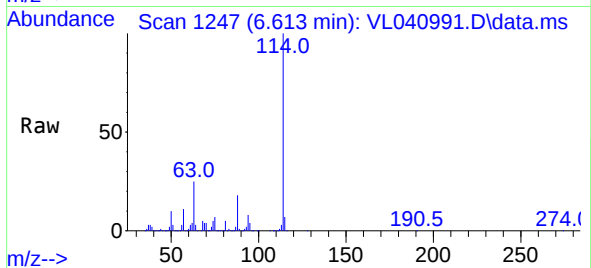
Tgt Ion:114 Resp: 2842098

Ion Ratio Lower Upper

114 100

63 25.4 20.8 31.2

88 17.7 14.3 21.5



#34

2-Butanone

Concen: 2.105 ppbv

RT: 4.751 min Scan# 668

Delta R.T. 0.003 min

Lab File: VL040991.D

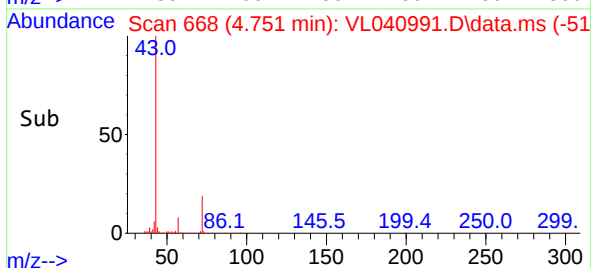
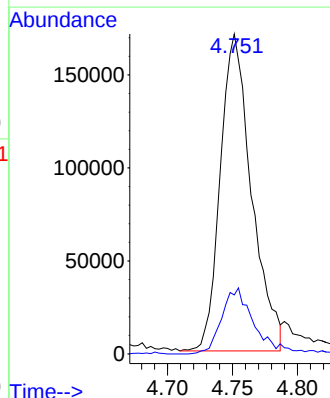
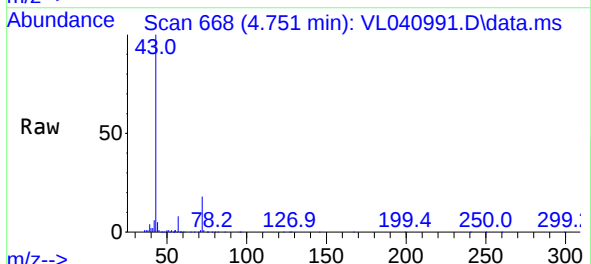
Acq: 23 Jan 2024 10:23

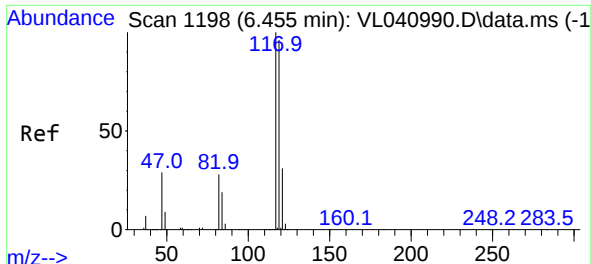
Tgt Ion: 43 Resp: 285029

Ion Ratio Lower Upper

43 100

72 22.3 17.5 26.3

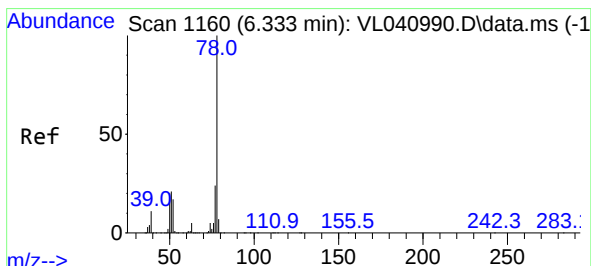
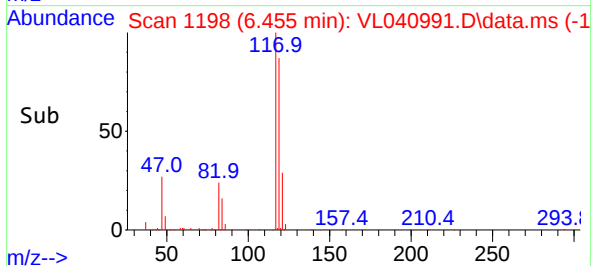
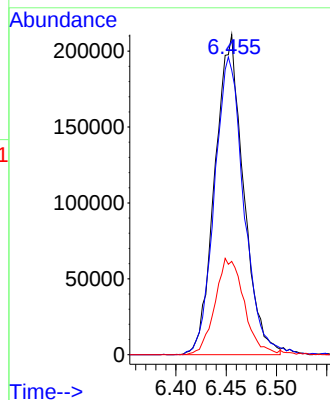
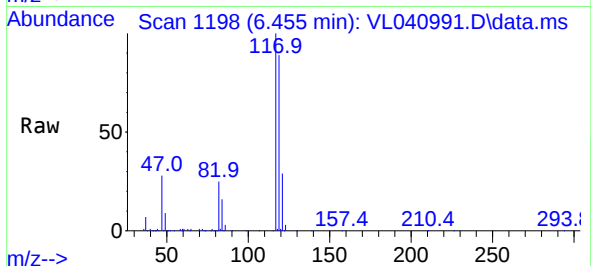




#35
Carbon Tetrachloride
Concen: 2.203 ppbv
RT: 6.455 min Scan# 1198
Delta R.T. -0.000 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

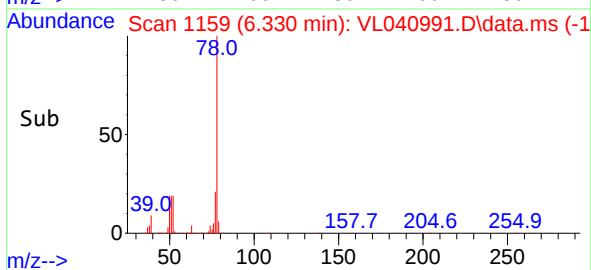
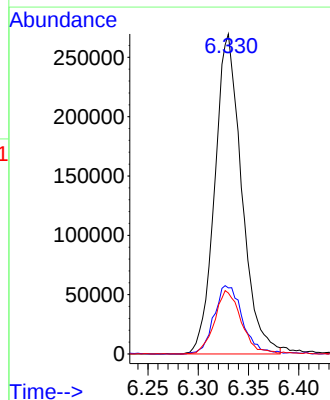
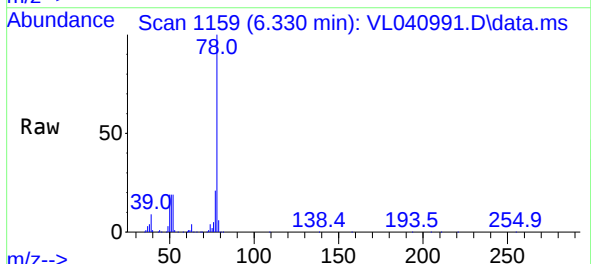
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

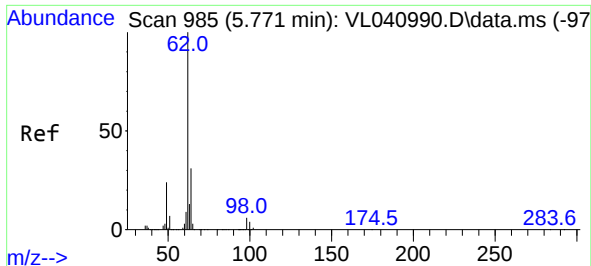
Tgt Ion:117 Resp: 417570
Ion Ratio Lower Upper
117 100
119 88.8 76.9 115.3
121 29.1 24.7 37.1



#36
Benzene
Concen: 2.138 ppbv
RT: 6.330 min Scan# 1159
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Tgt Ion: 78 Resp: 501756
Ion Ratio Lower Upper
78 100
77 20.6 19.0 28.4
50 19.1 15.8 23.6

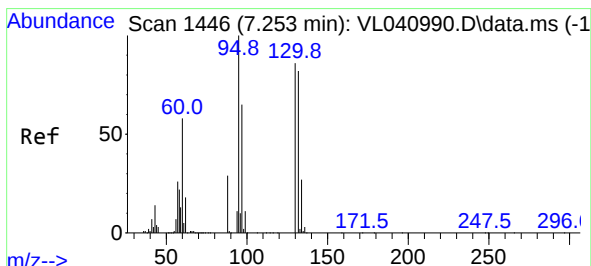
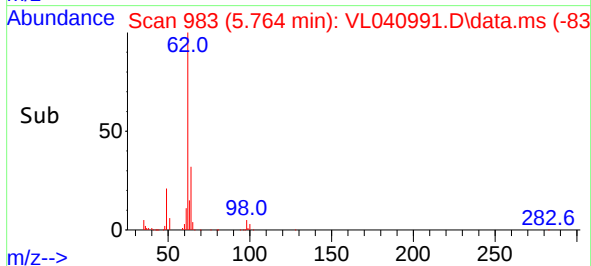
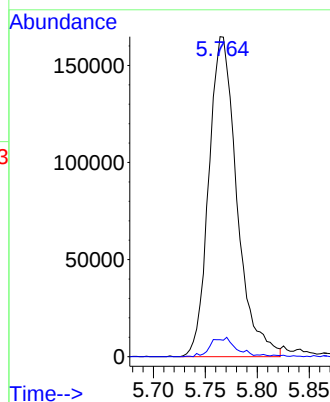
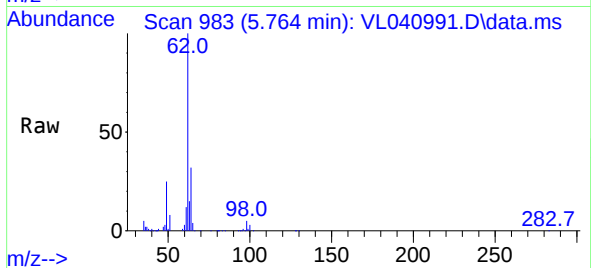




#37
1,2-Dichloroethane
Concen: 2.165 ppbv
RT: 5.764 min Scan# 91
Delta R.T. -0.006 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

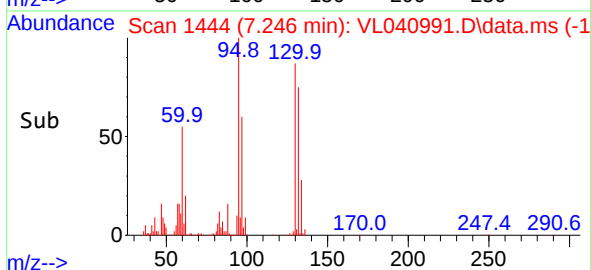
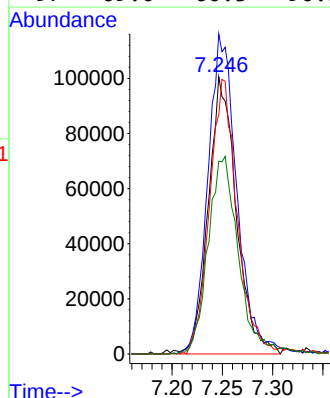
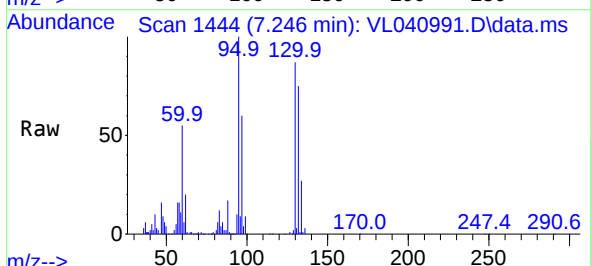
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

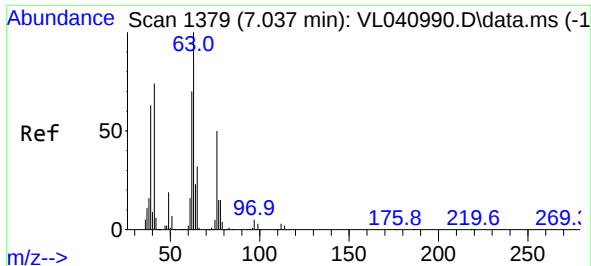
Tgt Ion: 62 Resp: 310103
Ion Ratio Lower Upper
62 100
98 5.8 4.7 7.1



#38
Trichloroethene
Concen: 2.062 ppbv
RT: 7.246 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Tgt Ion:130 Resp: 194026
Ion Ratio Lower Upper
130 100
95 114.7 92.9 139.3
132 86.2 76.2 114.2
97 69.0 60.3 90.5





#39

1,2-Dichloropropane

Concen: 2.142 ppbv

RT: 7.034 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL040991.D

Acq: 23 Jan 2024 10:23

Instrument :

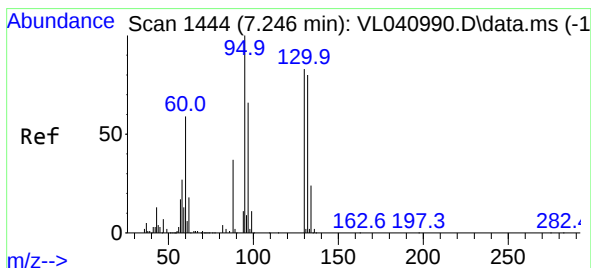
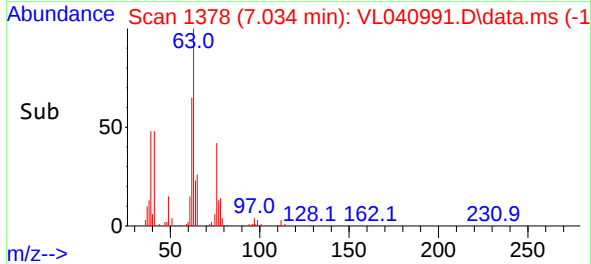
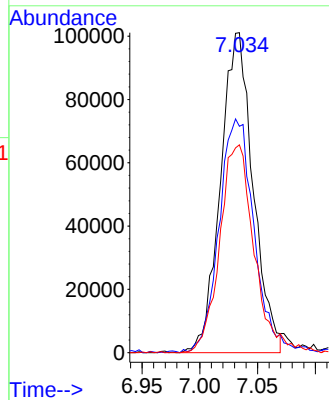
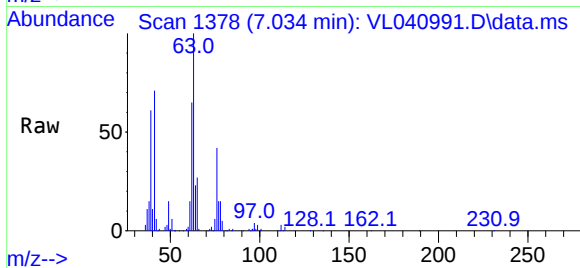
MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion: 63 Resp: 198024

Ion	Ratio	Lower	Upper
63	100		
41	70.7	59.6	89.4
62	64.9	55.6	83.4



#40

1,4-Dioxane

Concen: 1.172 ppbv

RT: 7.259 min Scan# 1448

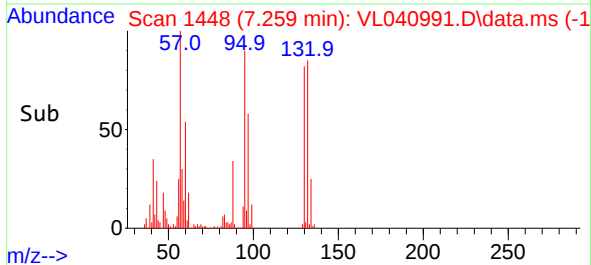
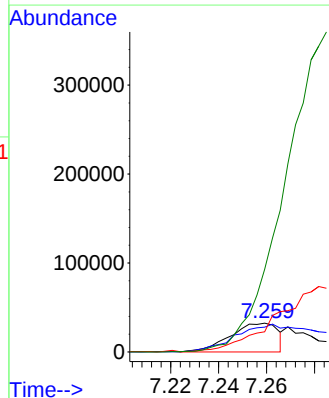
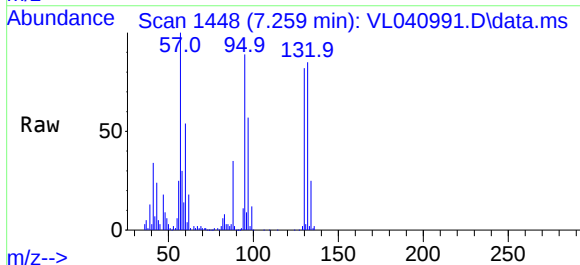
Delta R.T. 0.013 min

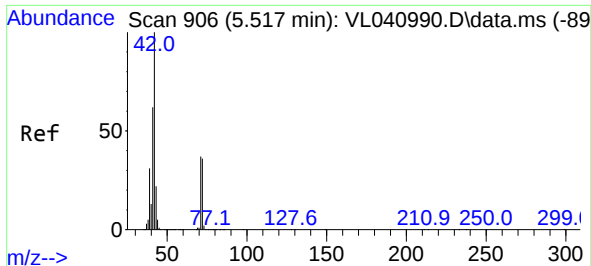
Lab File: VL040991.D

Acq: 23 Jan 2024 10:23

Tgt Ion: 88 Resp: 45022

Ion	Ratio	Lower	Upper
88	100		
58	219.5	96.6	144.8#
43	0.0	191.0	286.6#
57	0.0	810.6	1216.0#

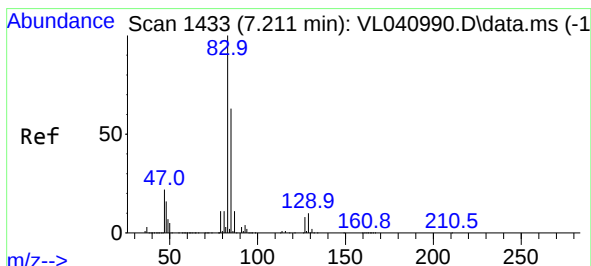
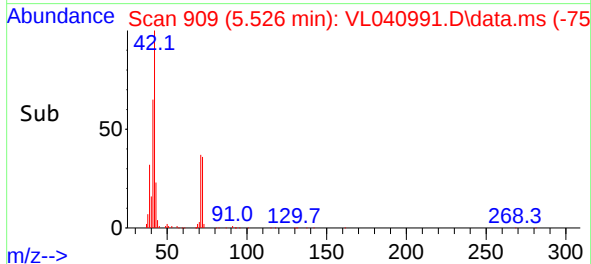
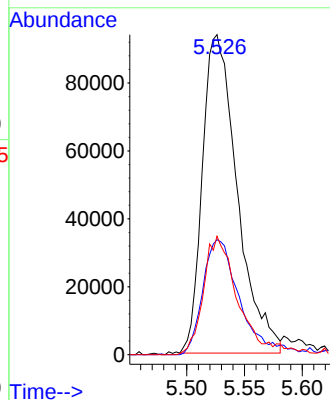
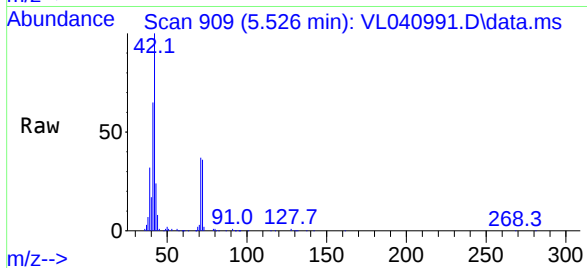




#41
Tetrahydrofuran
Concen: 2.142 ppbv
RT: 5.526 min Scan# 906
Delta R.T. 0.010 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

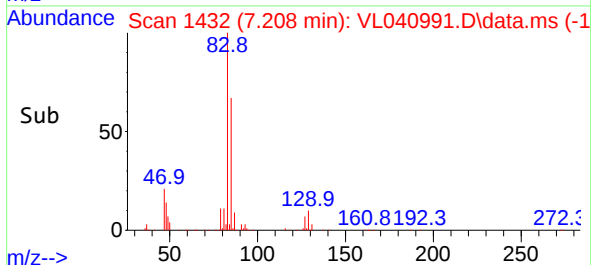
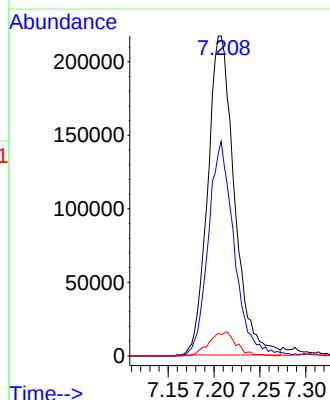
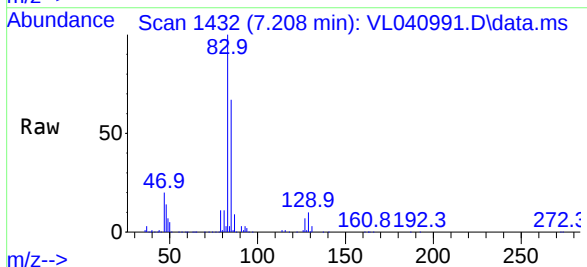
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

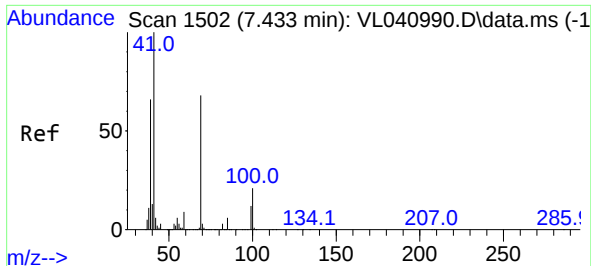
Tgt Ion: 42 Resp: 196960
Ion Ratio Lower Upper
42 100
72 38.9 30.0 45.0
71 38.2 29.5 44.3



#42
Bromodichloromethane
Concen: 2.144 ppbv
RT: 7.208 min Scan# 1432
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Tgt Ion: 83 Resp: 439387
Ion Ratio Lower Upper
83 100
85 67.1 50.5 75.7
127 6.7 6.4 9.6

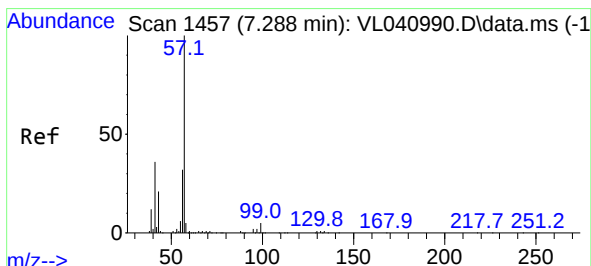
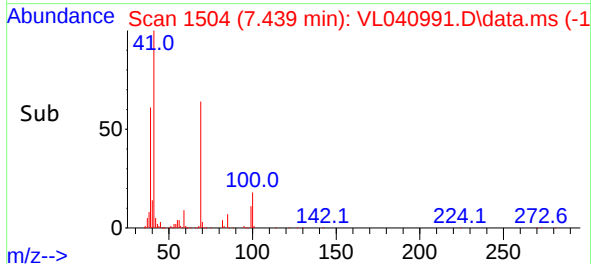
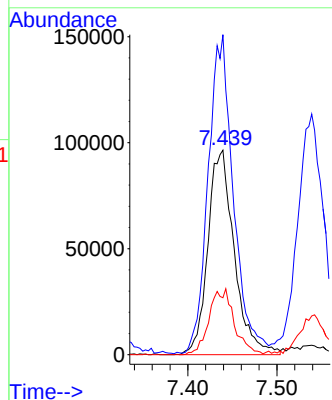
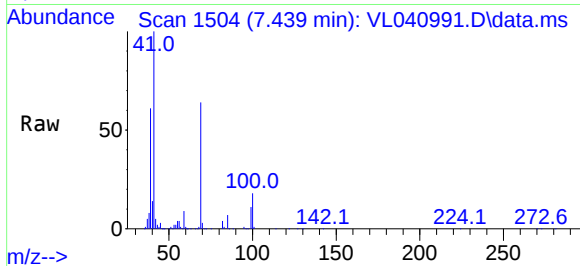




#43
Methyl Methacrylate
Concen: 2.196 ppbv
RT: 7.439 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

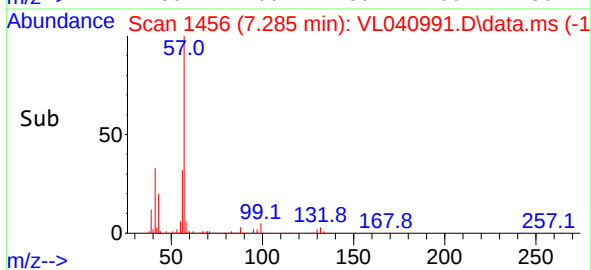
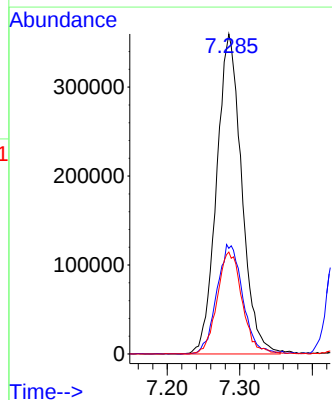
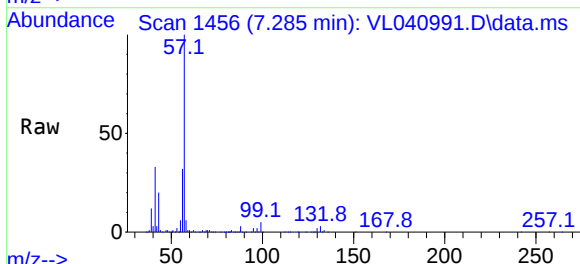
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC002

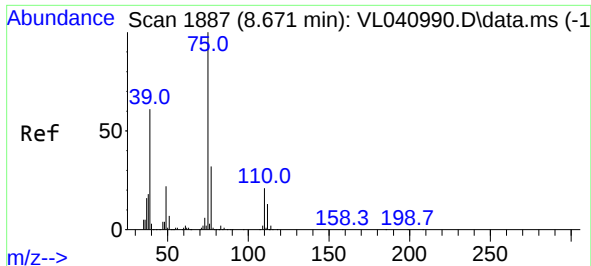
Tgt Ion: 69 Resp: 198913
Ion Ratio Lower Upper
69 100
41 150.6 120.2 180.2
100 30.6 24.6 36.8



#44
2,2,4-Trimethylpentane
Concen: 2.188 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Tgt Ion: 57 Resp: 864098
Ion Ratio Lower Upper
57 100
41 35.6 28.6 43.0
56 31.7 25.2 37.8

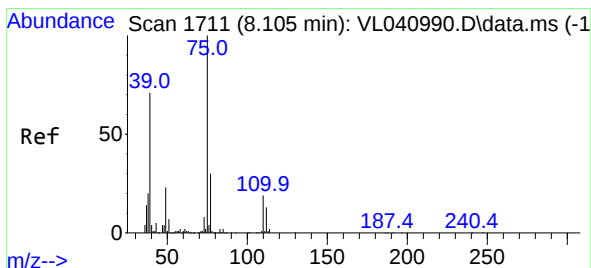
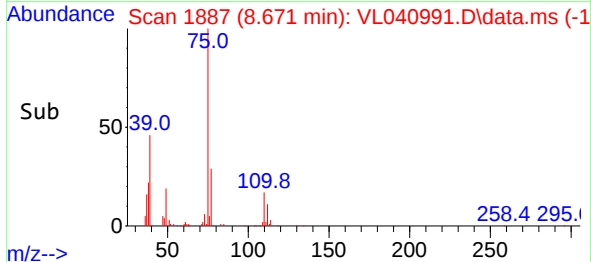
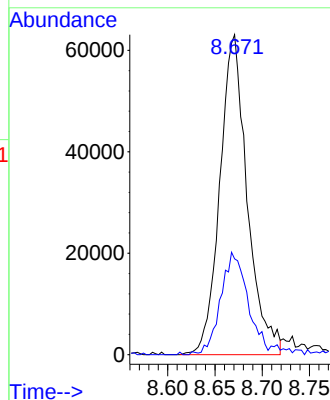
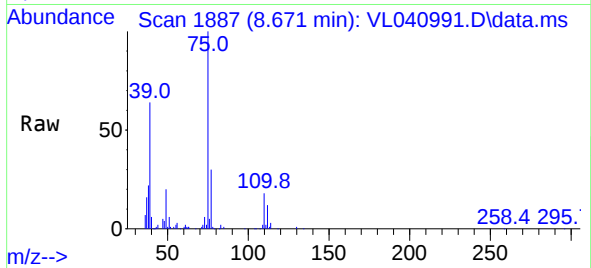




#45
 t-1,3-Dichloropropene
 Concen: 2.055 ppbv
 RT: 8.671 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VL040991.D
 Acq: 23 Jan 2024 10:23

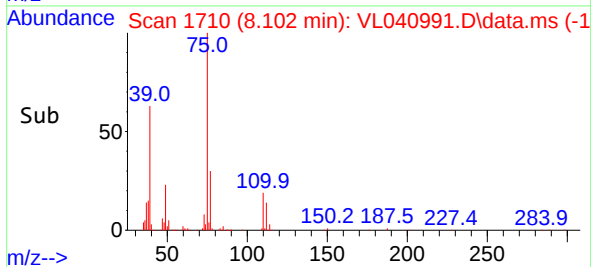
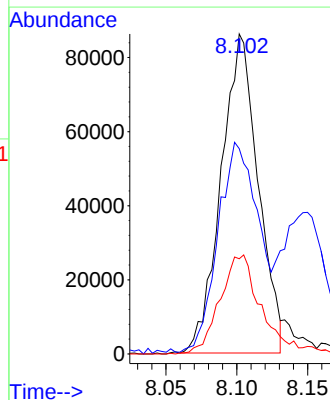
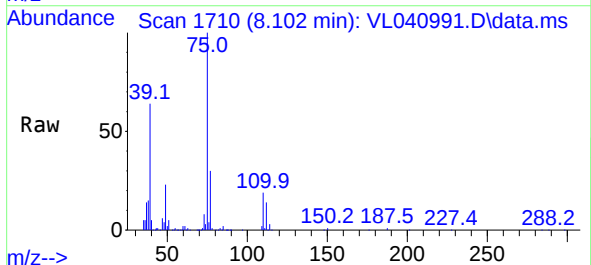
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

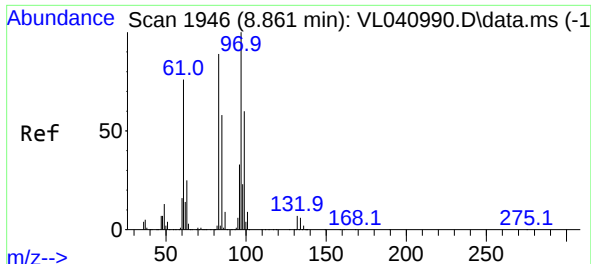
Tgt Ion: 75 Resp: 127188
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.3 37.9



#46
 cis-1,3-Dichloropropene
 Concen: 2.026 ppbv
 RT: 8.102 min Scan# 1710
 Delta R.T. -0.003 min
 Lab File: VL040991.D
 Acq: 23 Jan 2024 10:23

Tgt Ion: 75 Resp: 156385
 Ion Ratio Lower Upper
 75 100
 39 63.8 57.3 85.9
 77 29.2 24.3 36.5



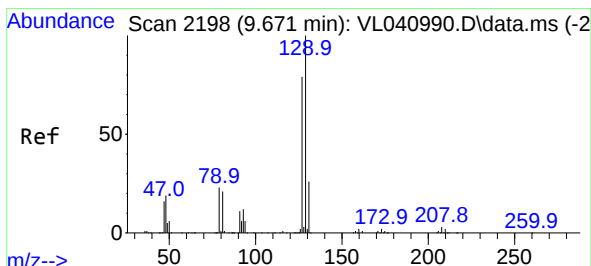
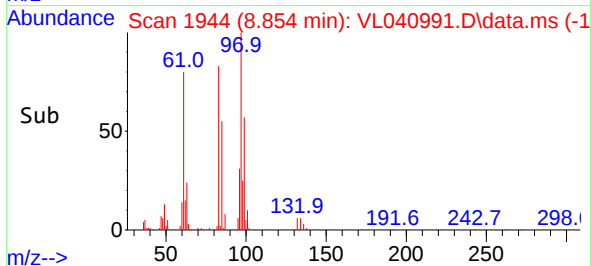
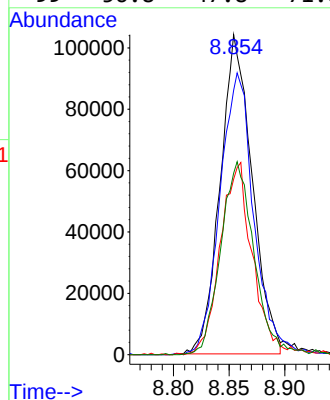
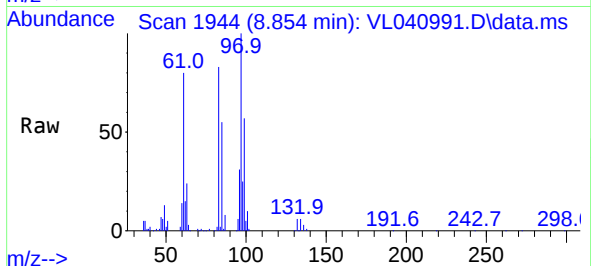


#47
1,1,2-Trichloroethane
Concen: 2.084 ppbv
RT: 8.854 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 97 Resp: 207676

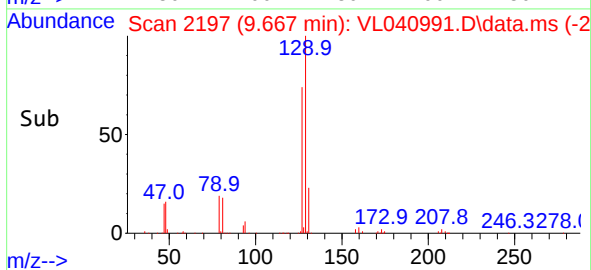
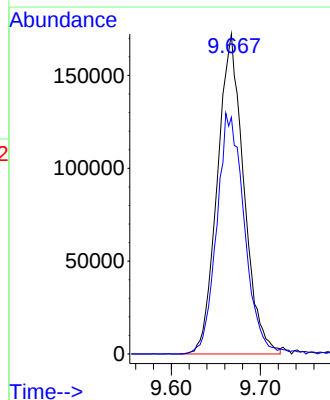
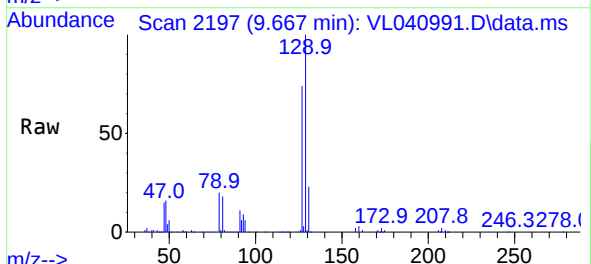
Ion	Ratio	Lower	Upper
97	100		
83	82.6	71.5	107.3
85	54.7	46.1	69.1
99	56.8	47.8	71.8

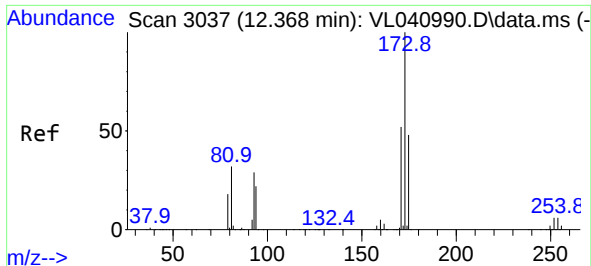


#48
Dibromochloromethane
Concen: 2.111 ppbv
RT: 9.667 min Scan# 2197
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Tgt Ion: 129 Resp: 355781

Ion	Ratio	Lower	Upper
129	100		
127	78.8	39.6	119.0

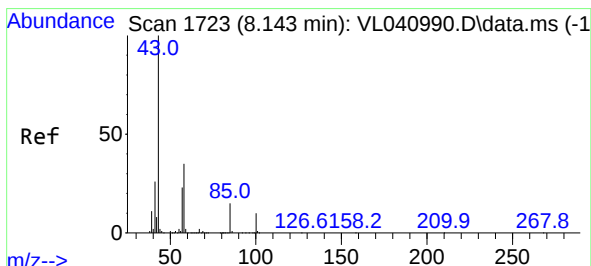
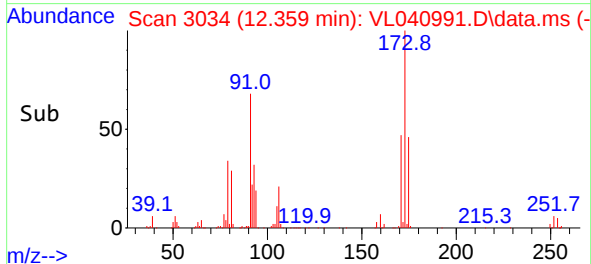
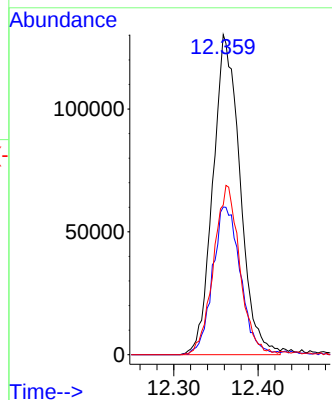
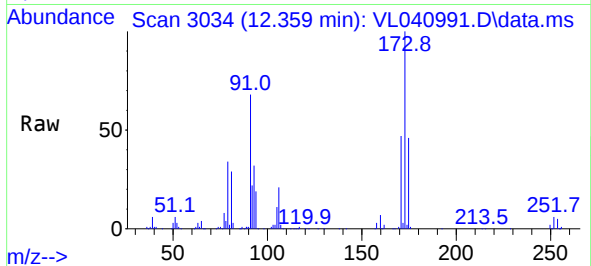




#49
Bromoform
Concen: 2.200 ppbv
RT: 12.359 min Scan# 3034
Delta R.T. -0.010 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

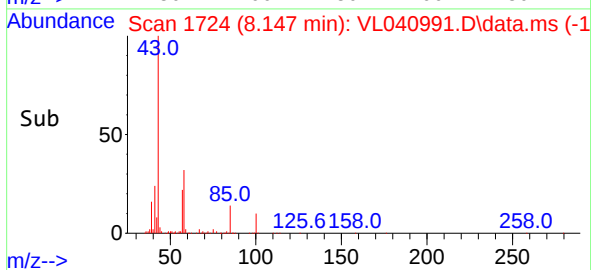
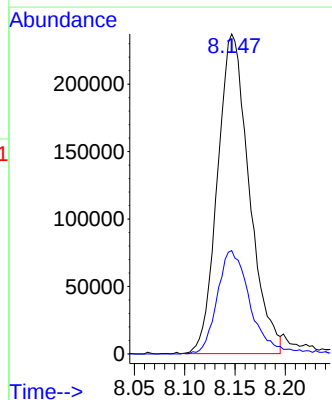
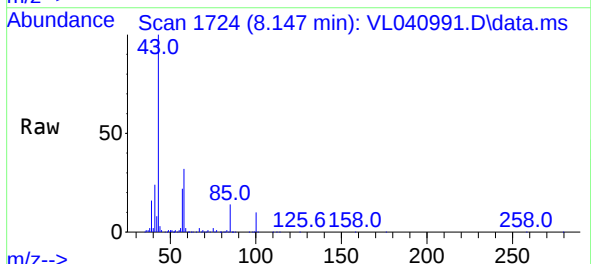
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

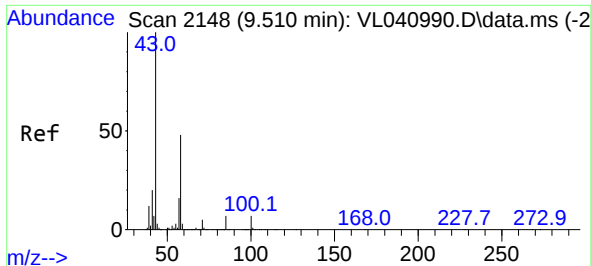
Tgt Ion:173 Resp: 290727
Ion Ratio Lower Upper
173 100
175 48.4 39.0 58.4
171 52.3 42.0 63.0



#50
4-Methyl-2-Pentanone
Concen: 2.177 ppbv
RT: 8.147 min Scan# 1724
Delta R.T. 0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Tgt Ion: 43 Resp: 519108
Ion Ratio Lower Upper
43 100
58 34.6 27.8 41.8

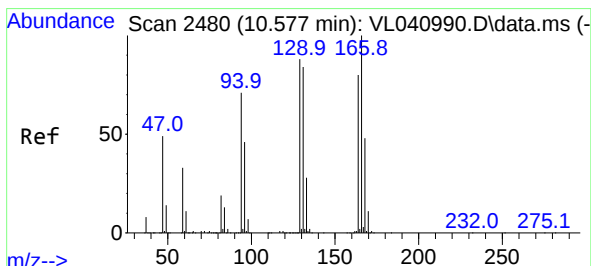
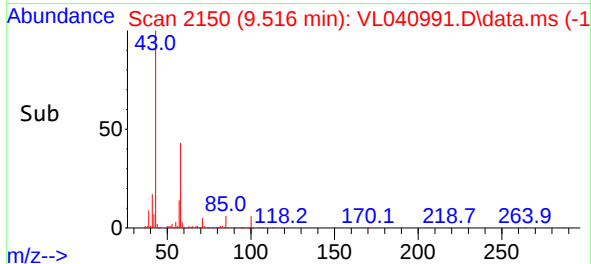
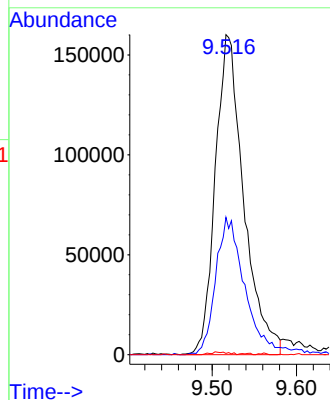
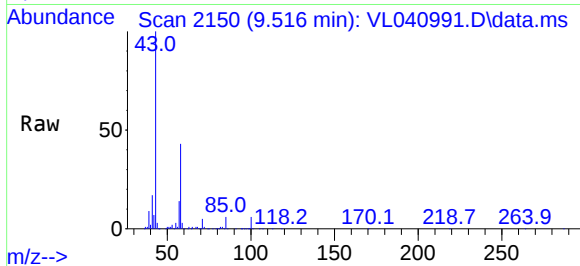




#51
2-Hexanone
Concen: 2.175 ppbv
RT: 9.516 min Scan# 2148
Delta R.T. 0.006 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

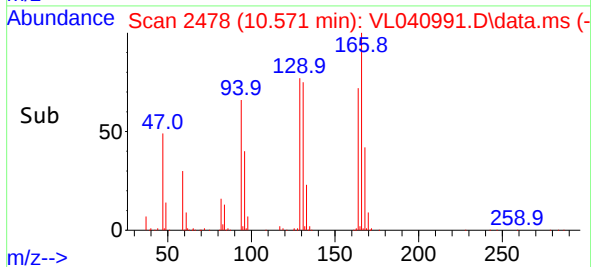
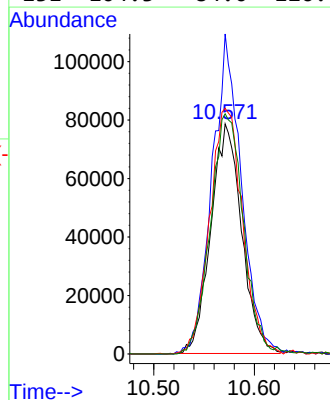
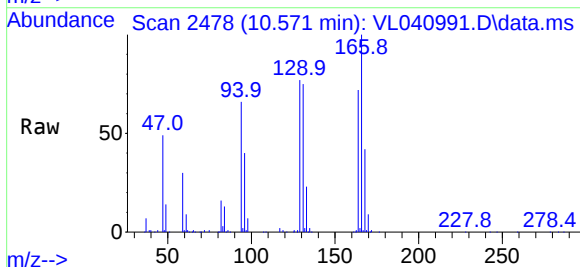
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

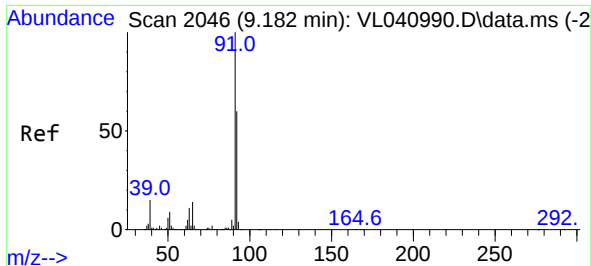
Tgt Ion: 43 Resp: 373913
Ion Ratio Lower Upper
43 100
58 45.5 36.8 55.2
98 0.8 0.3 0.5#



#52
Tetrachloroethene
Concen: 2.145 ppbv
RT: 10.571 min Scan# 2478
Delta R.T. -0.006 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Tgt Ion:164 Resp: 167164
Ion Ratio Lower Upper
164 100
166 138.9 100.2 150.2
129 106.1 87.9 131.9
131 104.3 84.0 126.0

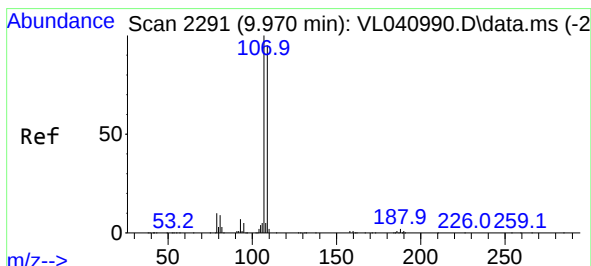
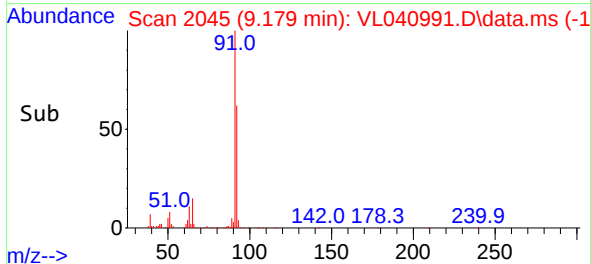
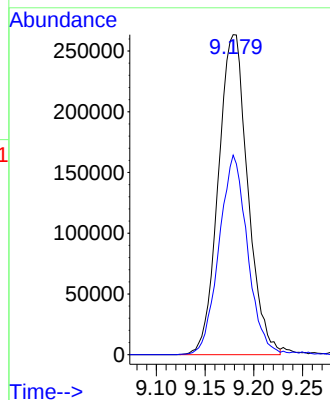
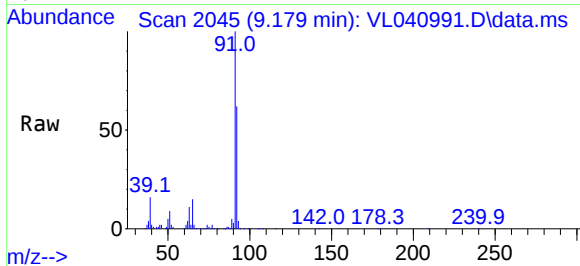




#53
Toluene
Concen: 2.154 ppbv
RT: 9.179 min Scan# 2045
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

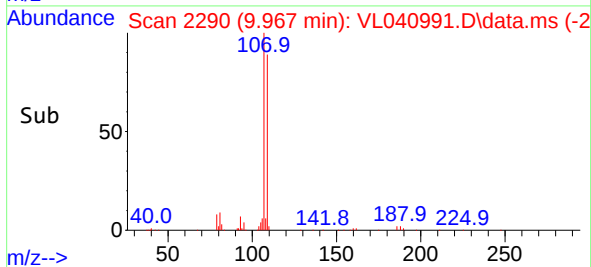
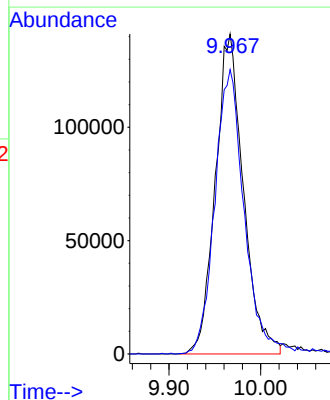
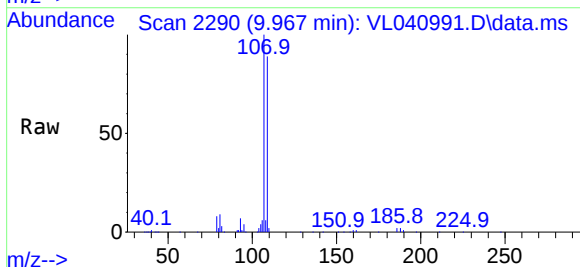
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

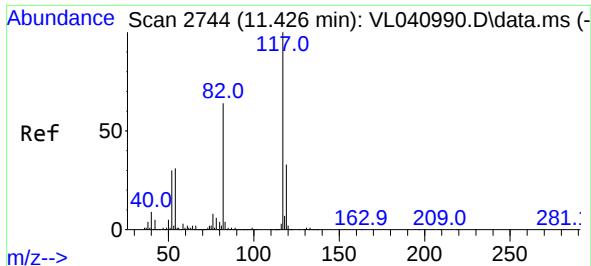
Tgt Ion: 91 Resp: 553782
Ion Ratio Lower Upper
91 100
92 61.1 48.6 72.8



#54
1,2-Dibromoethane
Concen: 2.214 ppbv
RT: 9.967 min Scan# 2290
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Tgt Ion: 107 Resp: 298784
Ion Ratio Lower Upper
107 100
109 88.7 76.1 114.1

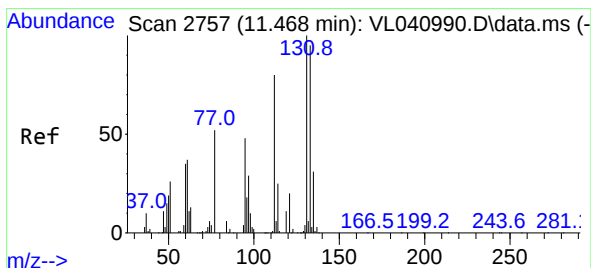
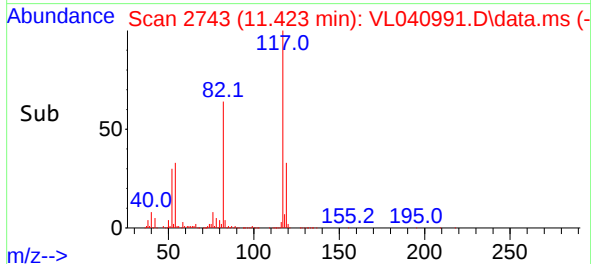
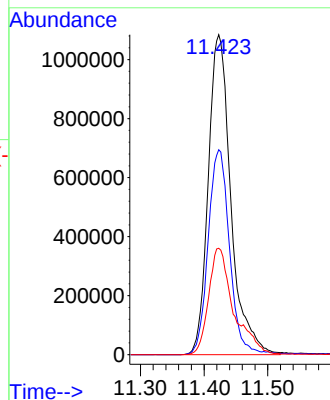
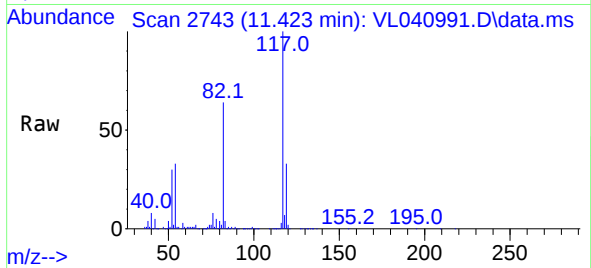




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.423 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

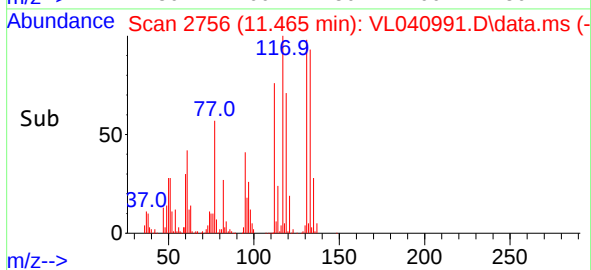
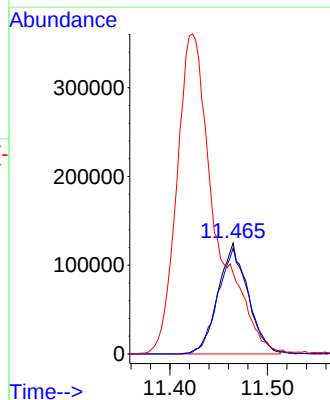
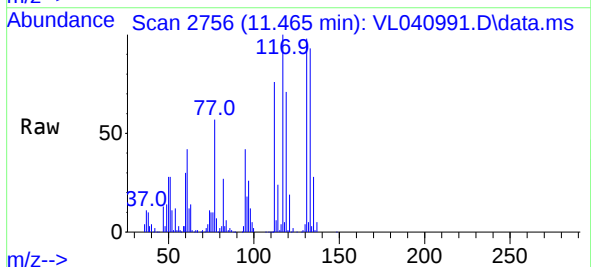
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

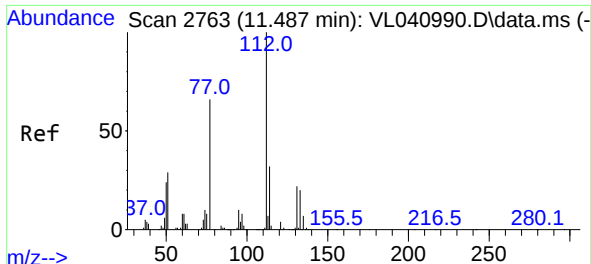
Tgt Ion:117 Resp: 2677999
Ion Ratio Lower Upper
117 100
82 60.7 51.7 77.5
119 36.8 23.8 35.6#



#56
1,1,1,2-Tetrachloroethane
Concen: 2.060 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Tgt Ion:131 Resp: 264698
Ion Ratio Lower Upper
131 100
133 98.3 75.9 113.9
119 375.8 49.2 73.8#

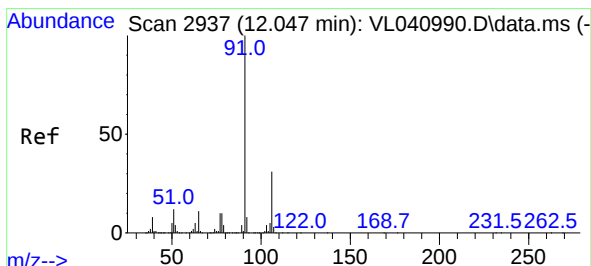
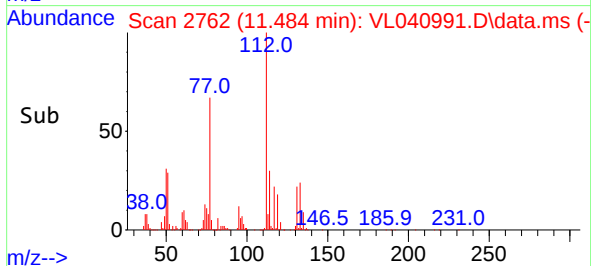
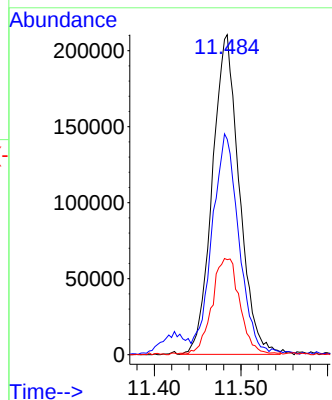
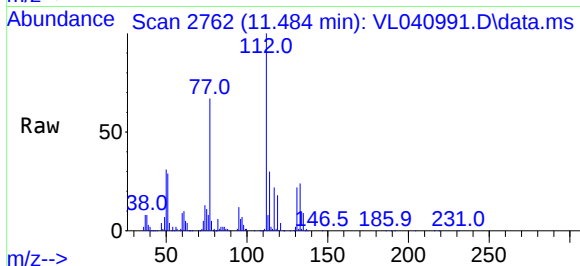




#57
Chlorobenzene
Concen: 2.111 ppbv
RT: 11.484 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

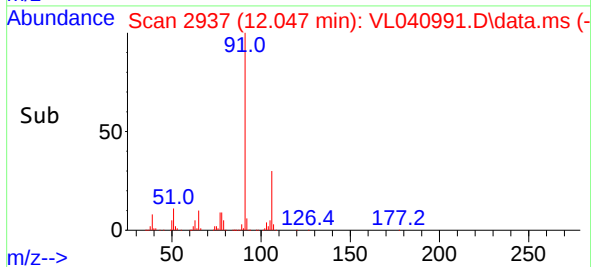
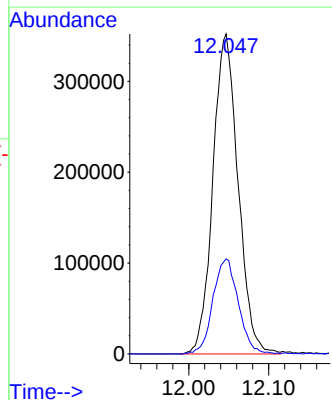
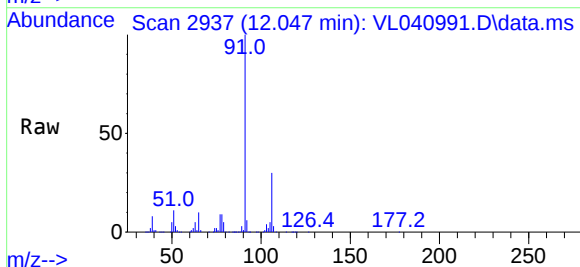
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

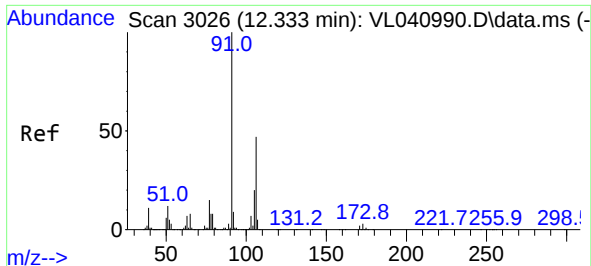
Tgt Ion:112 Resp: 454653
Ion Ratio Lower Upper
112 100
77 66.3 53.4 80.0
114 29.3 29.1 35.5



#58
Ethyl Benzene
Concen: 2.141 ppbv
RT: 12.047 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Tgt Ion: 91 Resp: 769779
Ion Ratio Lower Upper
91 100
106 29.7 24.8 37.2





#59

m/p-Xylene

Concen: 1.906 ppbv

RT: 12.330 min Scan# 3026

Delta R.T. -0.003 min

Lab File: VL040991.D

Acq: 23 Jan 2024 10:23

Instrument :

MSVOA_L

ClientSampleId :

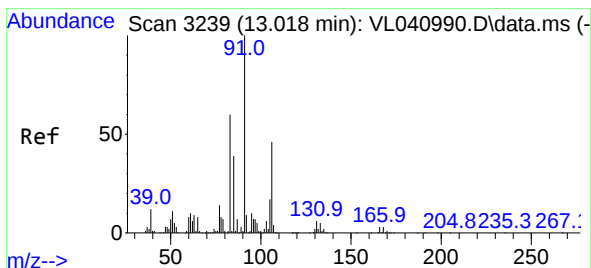
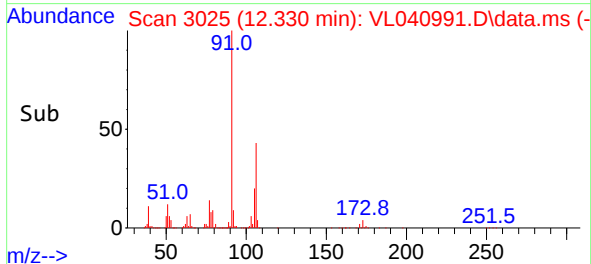
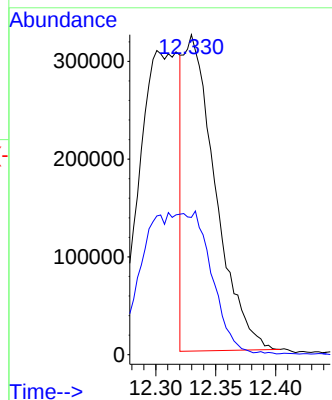
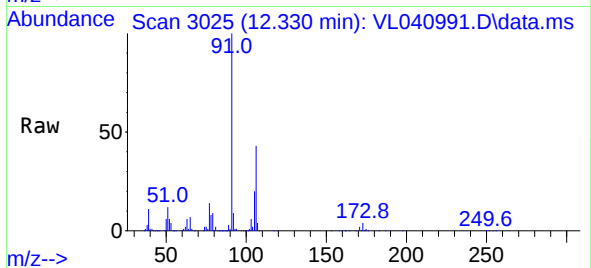
VSTDICC002

Tgt Ion: 91 Resp: 597527

Ion Ratio Lower Upper

91 100

106 97.1 34.9 52.3#



#60

o-Xylene

Concen: 2.175 ppbv

RT: 13.011 min Scan# 3237

Delta R.T. -0.006 min

Lab File: VL040991.D

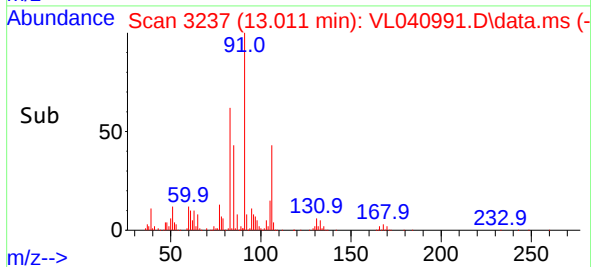
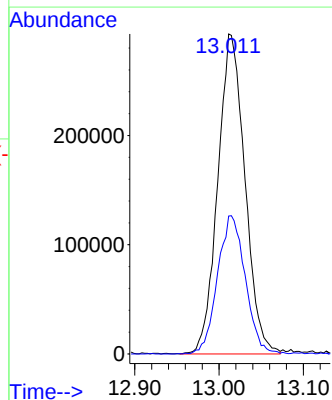
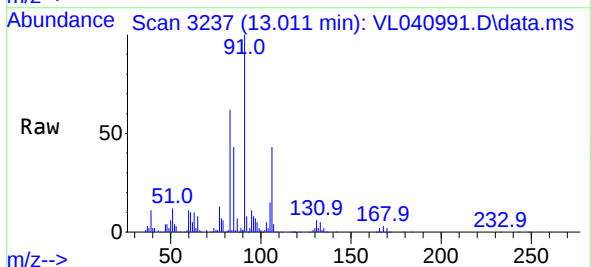
Acq: 23 Jan 2024 10:23

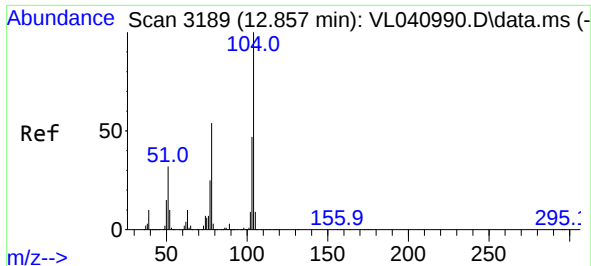
Tgt Ion: 91 Resp: 654264

Ion Ratio Lower Upper

91 100

106 44.3 22.6 67.7

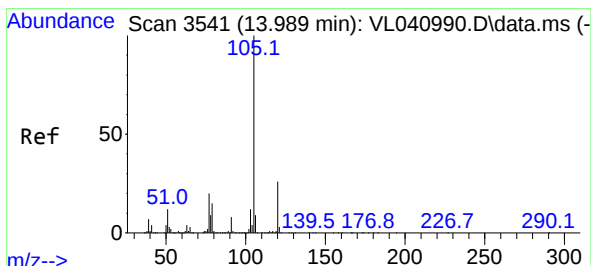
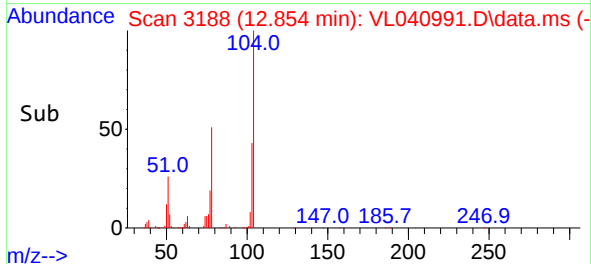
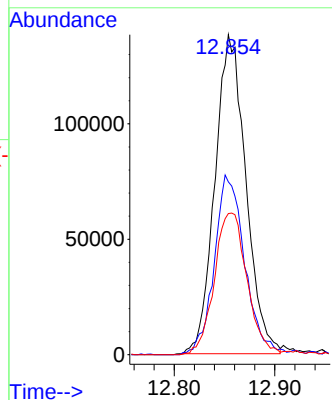
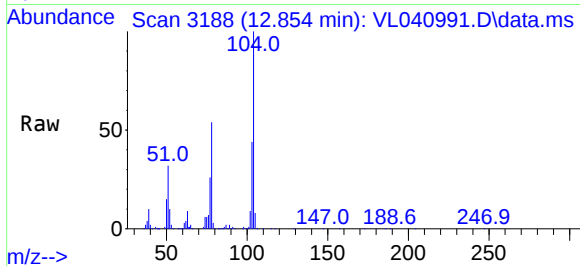




#61
Styrene
Concen: 2.137 ppbv
RT: 12.854 min Scan# 3189
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

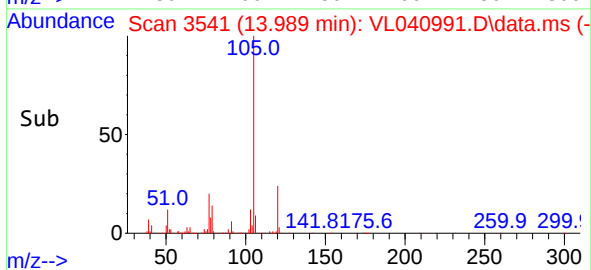
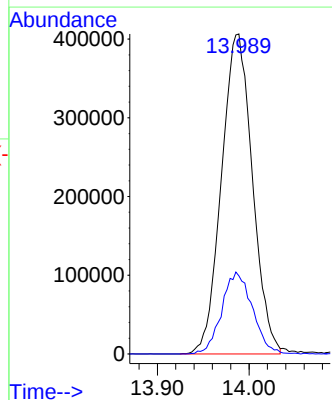
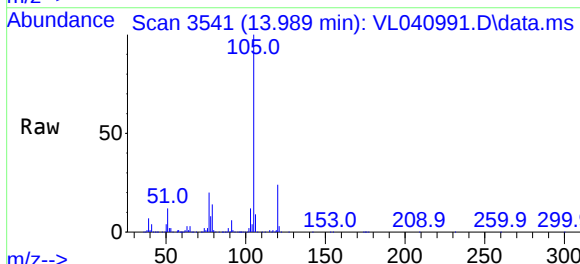
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

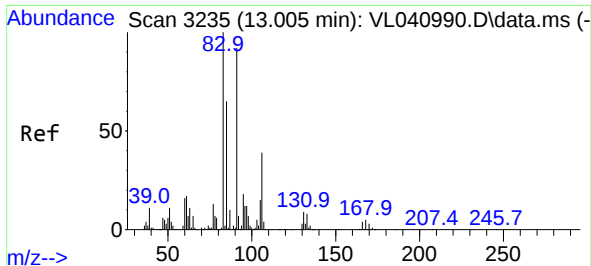
Tgt Ion:104 Resp: 295172
Ion Ratio Lower Upper
104 100
78 55.9 42.7 64.1
103 47.7 37.6 56.4



#62
Isopropylbenzene
Concen: 2.144 ppbv
RT: 13.989 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Tgt Ion:105 Resp: 953848
Ion Ratio Lower Upper
105 100
120 25.3 20.9 31.3

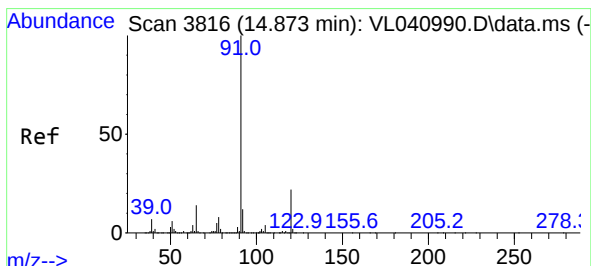
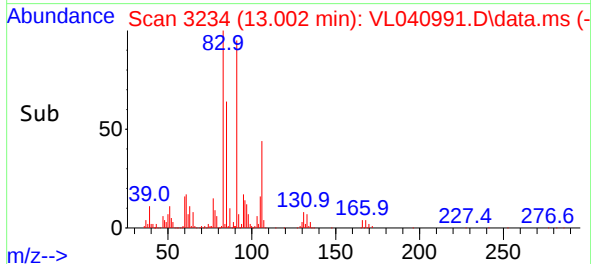
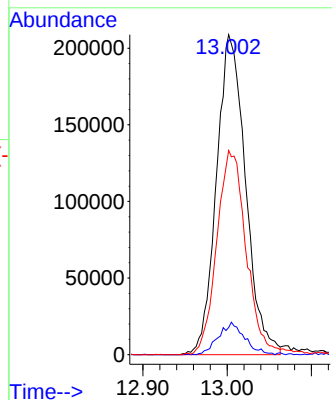
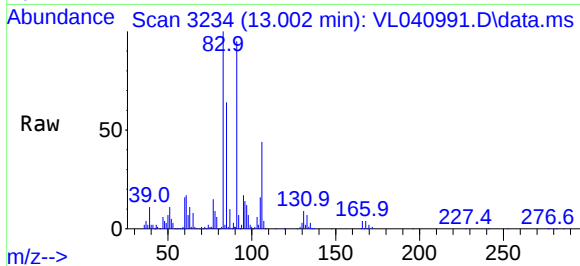




#63
1,1,2,2-Tetrachloroethane
Concen: 2.140 ppbv
RT: 13.002 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

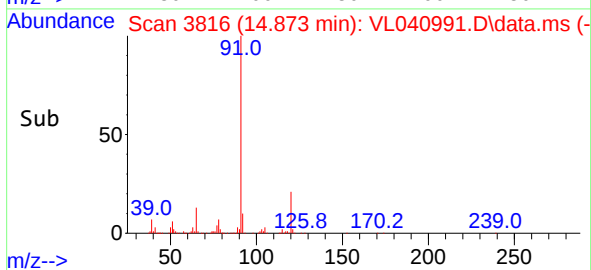
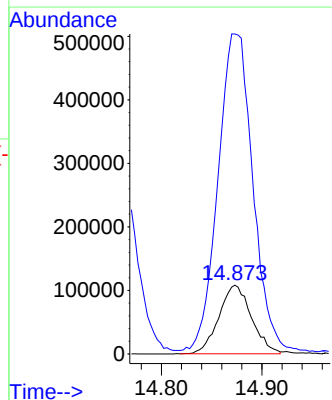
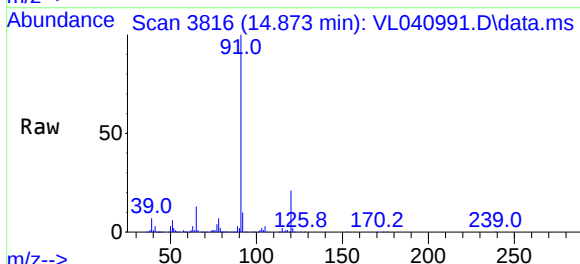
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ClientSampleId :
VSTDIC002

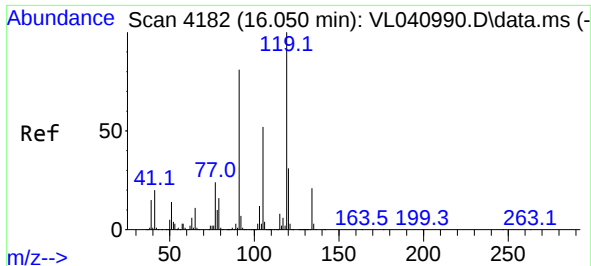
Tgt Ion: 83 Resp: 500438
Ion Ratio Lower Upper
83 100
131 9.2 4.6 13.8
85 65.5 33.0 99.0



#64
n-propylbenzene
Concen: 2.167 ppbv
RT: 14.873 min Scan# 3816
Delta R.T. -0.000 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Tgt Ion: 120 Resp: 243546
Ion Ratio Lower Upper
120 100
91 508.6 390.6 585.8

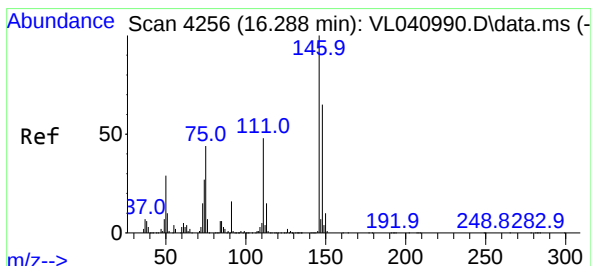
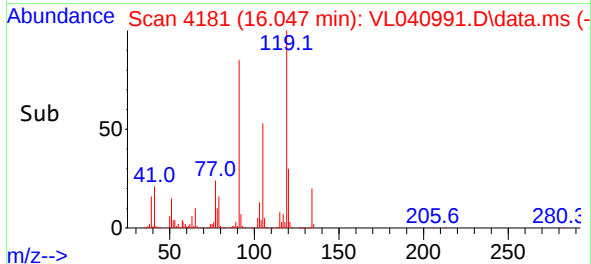
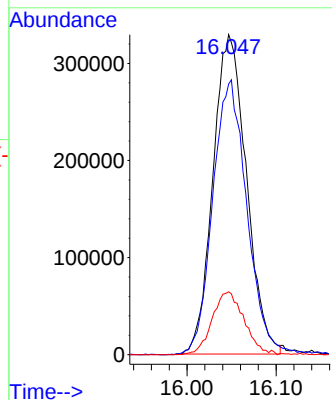
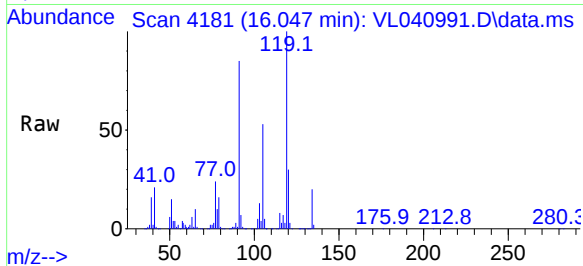




#65
tert-Butylbenzene
Concen: 2.205 ppbv
RT: 16.047 min Scan# 4182
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

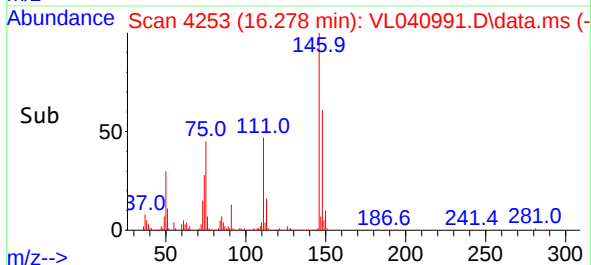
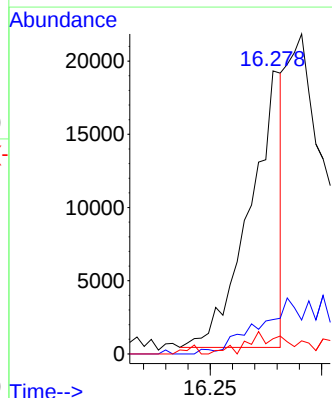
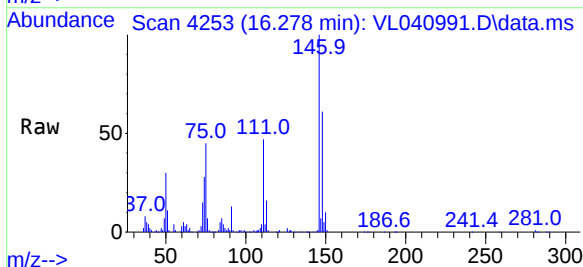
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002

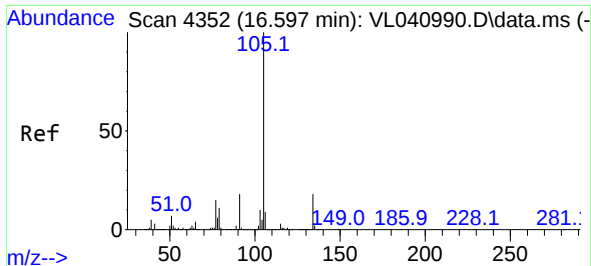
Tgt Ion:119 Resp: 856997
Ion Ratio Lower Upper
119 100
91 88.7 67.6 101.4
134 19.1 16.1 24.1



#66
Benzyl Chloride
Concen: 0.750 ppbv
RT: 16.278 min Scan# 4253
Delta R.T. -0.010 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Tgt Ion: 91 Resp: 19096
Ion Ratio Lower Upper
91 100
126 0.0 13.6 20.4#
128 18.7 4.2 6.2#

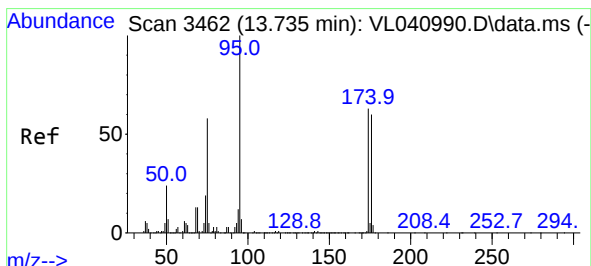
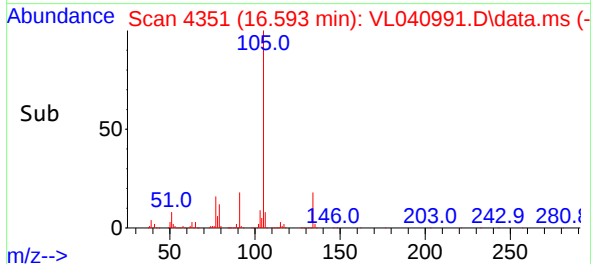
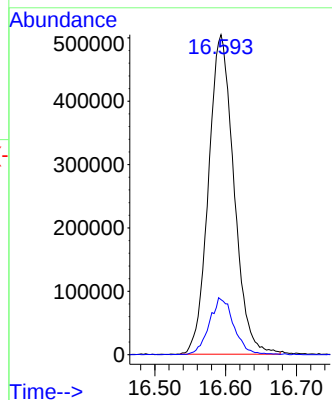
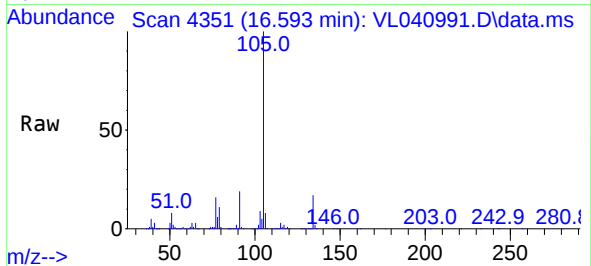




#67
sec-Butylbenzene
Concen: 2.216 ppbv
RT: 16.593 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

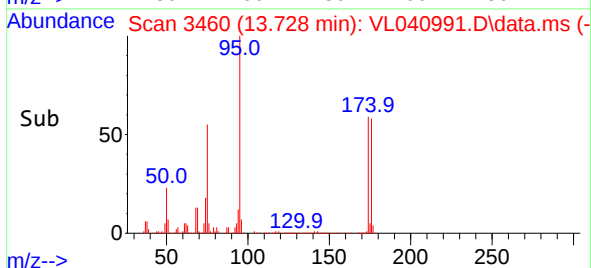
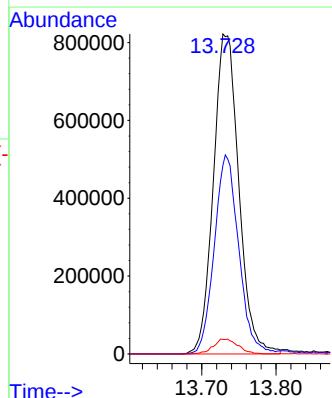
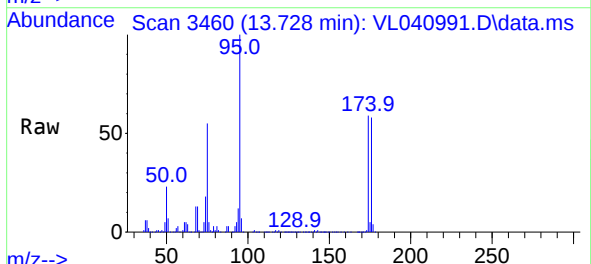
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

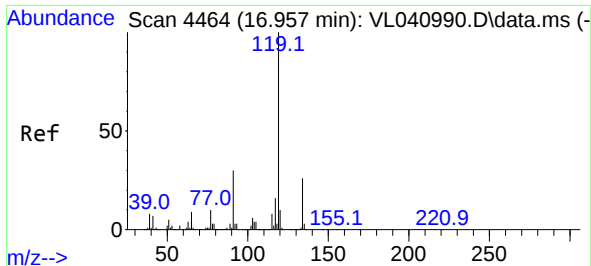
Tgt Ion:105 Resp: 1254225
Ion Ratio Lower Upper
105 100
134 17.4 14.2 21.4



#68
1-Bromo-4-Fluorobenzene
Concen: 9.684 ppbv
RT: 13.728 min Scan# 3460
Delta R.T. -0.006 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Tgt Ion: 95 Resp: 1958718
Ion Ratio Lower Upper
95 100
174 61.0 49.1 73.7
175 4.6 3.7 5.5

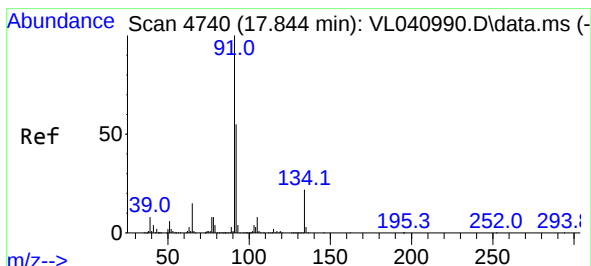
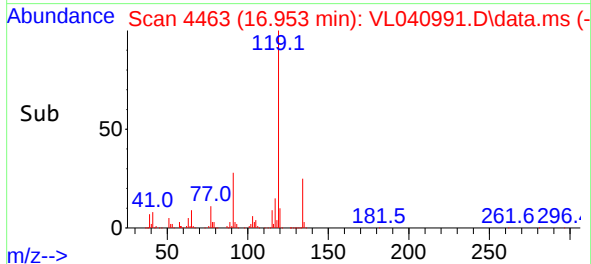
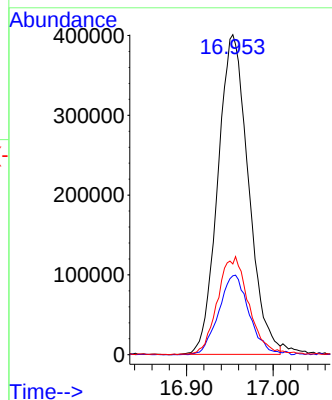
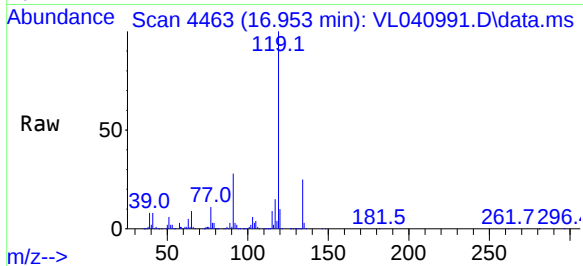




#69
p-Isopropyltoluene
Concen: 2.242 ppbv
RT: 16.953 min Scan# 4463
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

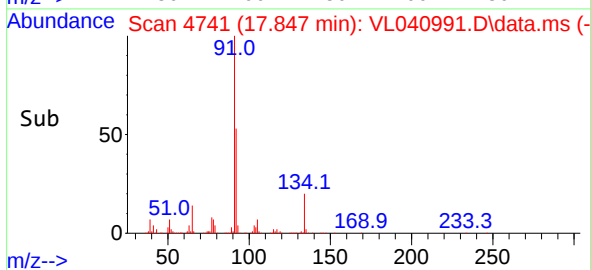
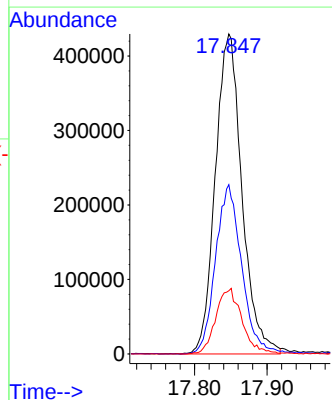
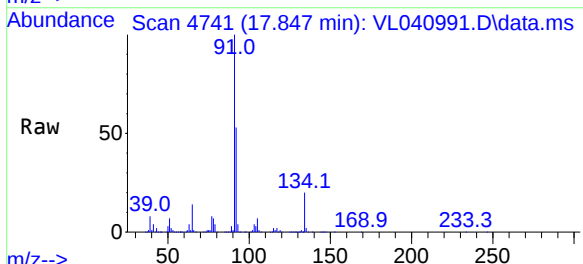
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

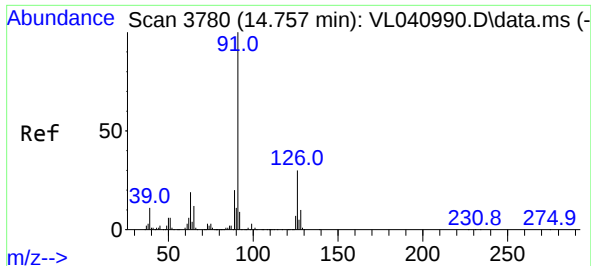
Tgt Ion:119 Resp: 983136
Ion Ratio Lower Upper
119 100
134 25.1 20.6 30.8
91 31.6 24.5 36.7



#70
n-Butylbenzene
Concen: 2.313 ppbv
RT: 17.847 min Scan# 4741
Delta R.T. 0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Tgt Ion: 91 Resp: 1095680
Ion Ratio Lower Upper
91 100
92 52.3 43.4 65.0
134 20.3 17.4 26.0

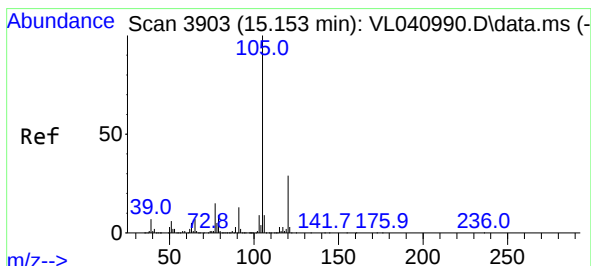
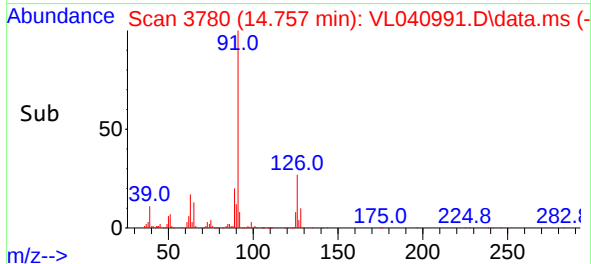
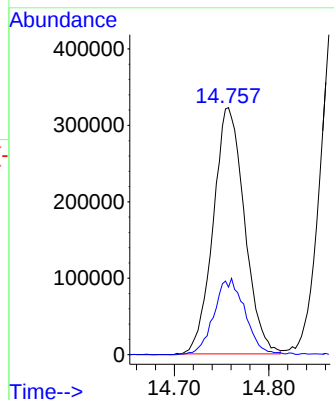
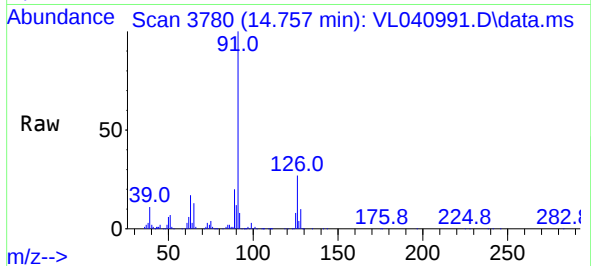




#71
2-Chlorotoluene
Concen: 2.159 ppbv
RT: 14.757 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

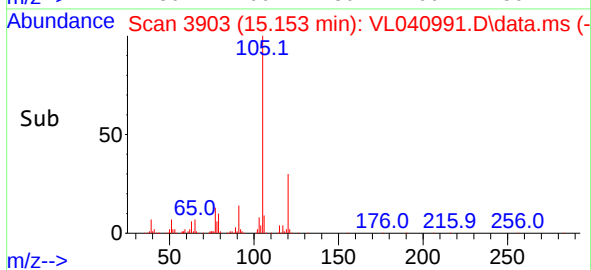
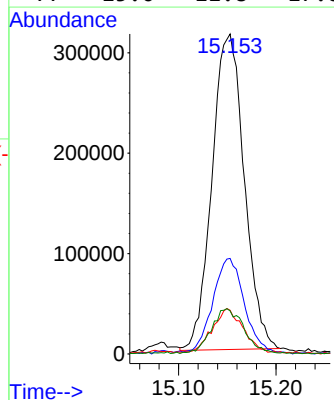
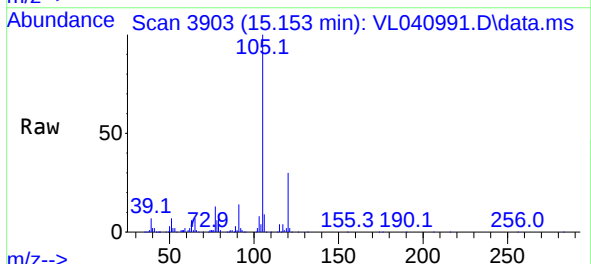
Instrument :
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ClientSampleId :
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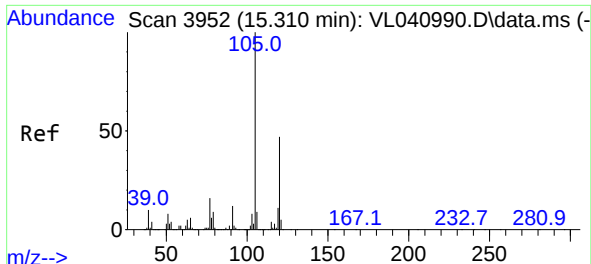
Tgt Ion: 91 Resp: 741087
Ion Ratio Lower Upper
91 100
126 30.8 12.3 49.1



#72
4-Ethyltoluene
Concen: 2.150 ppbv
RT: 15.153 min Scan# 3903
Delta R.T. -0.000 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Tgt Ion: 105 Resp: 722381
Ion Ratio Lower Upper
105 100
120 31.2 24.3 36.5
91 14.7 11.0 16.4
77 15.0 11.8 17.8

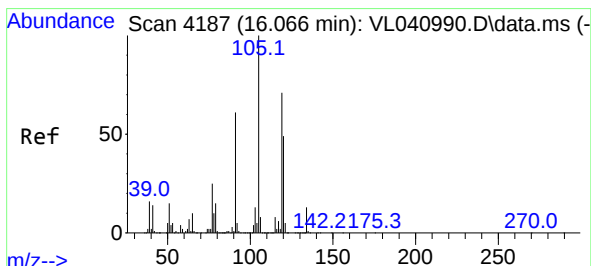
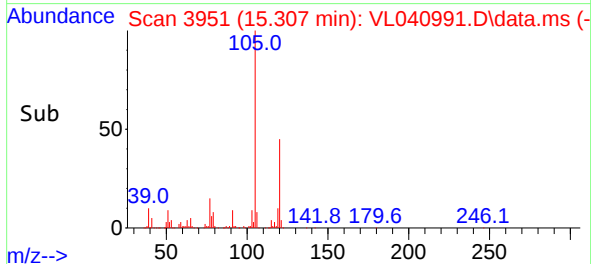
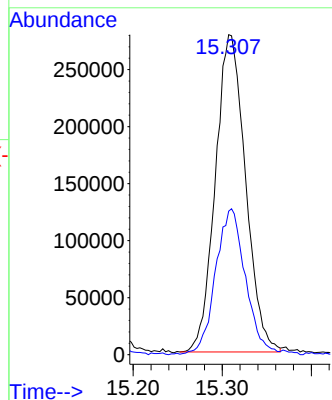
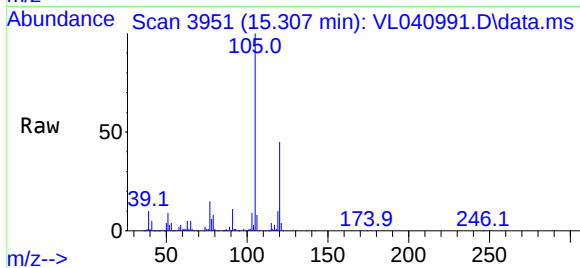




#73
1,3,5-Trimethylbenzene
Concen: 2.196 ppbv
RT: 15.307 min Scan# 3951
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

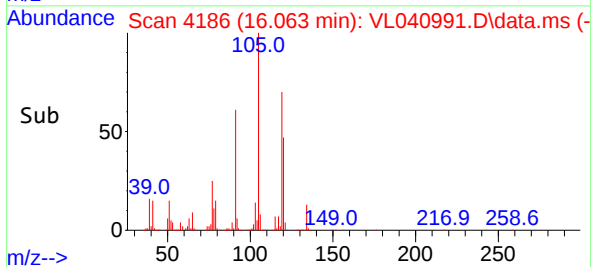
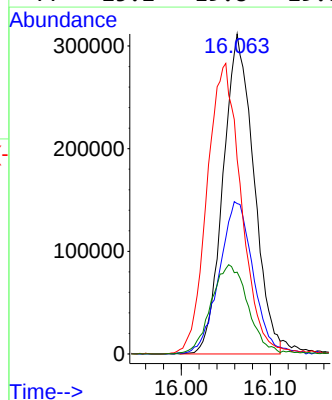
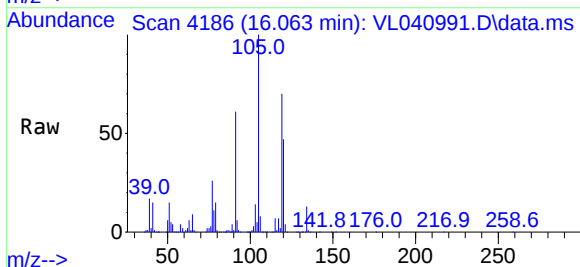
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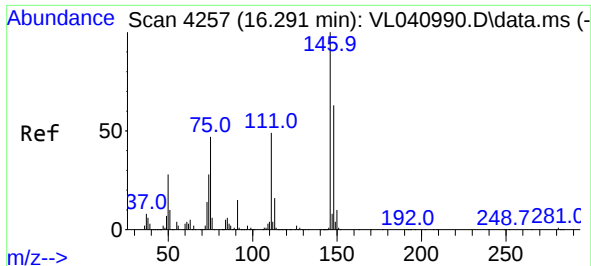
Tgt Ion:105 Resp: 654768
Ion Ratio Lower Upper
105 100
120 45.1 37.2 55.8



#74
1,2,4-Trimethylbenzene
Concen: 2.204 ppbv
RT: 16.063 min Scan# 4186
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Tgt Ion:105 Resp: 744855
Ion Ratio Lower Upper
105 100
120 46.7 39.3 58.9
91 59.2 48.7 73.1
77 25.2 19.8 29.8

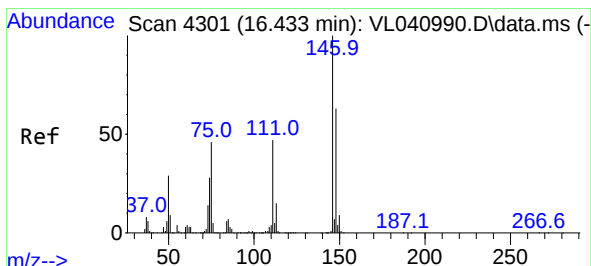
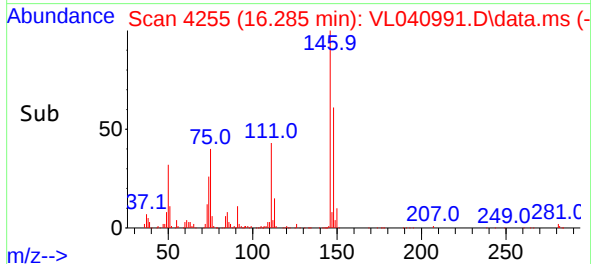
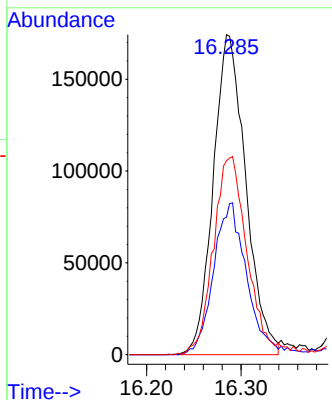
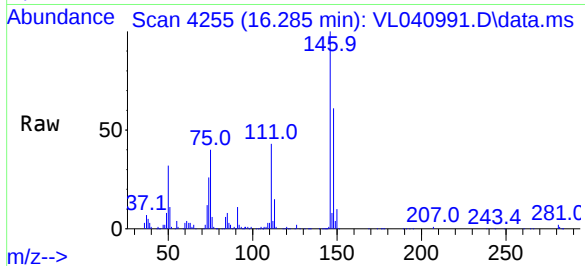




#75
1,3-Dichlorobenzene
Concen: 2.164 ppbv
RT: 16.285 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

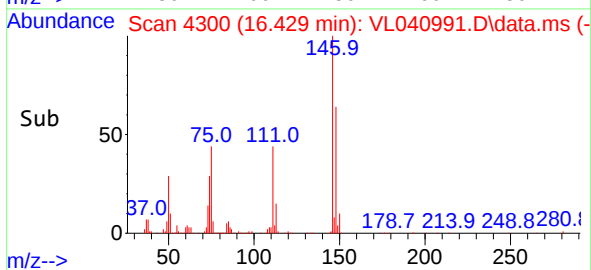
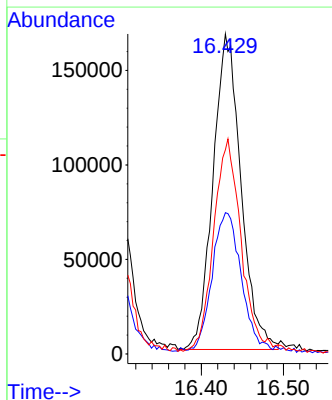
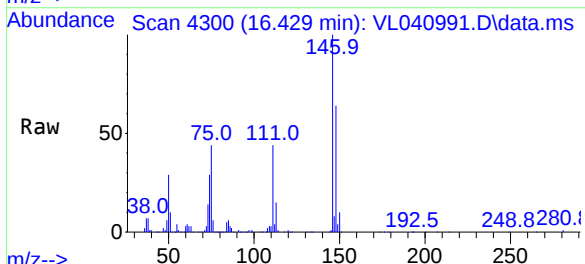
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ClientSampleId :
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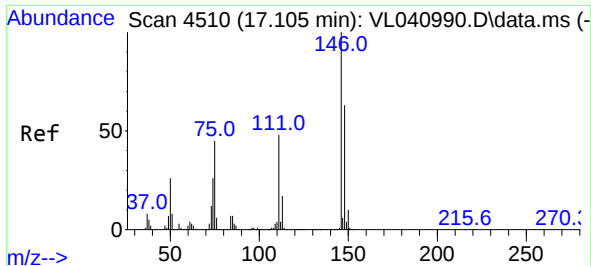
Tgt Ion:146 Resp: 416233
Ion Ratio Lower Upper
146 100
111 48.8 24.4 73.2
148 65.2 32.5 97.4



#76
1,4-Dichlorobenzene
Concen: 2.080 ppbv
RT: 16.429 min Scan# 4300
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Tgt Ion:146 Resp: 394924
Ion Ratio Lower Upper
146 100
111 48.7 24.0 72.0
148 69.9 32.9 98.7

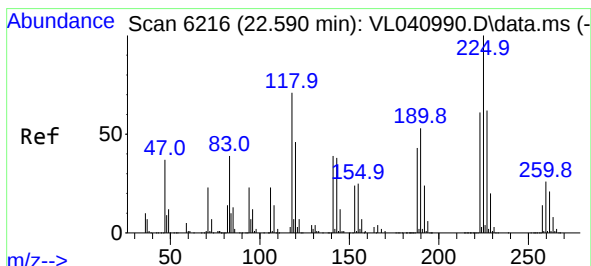
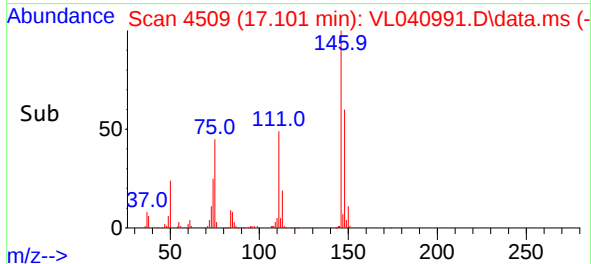
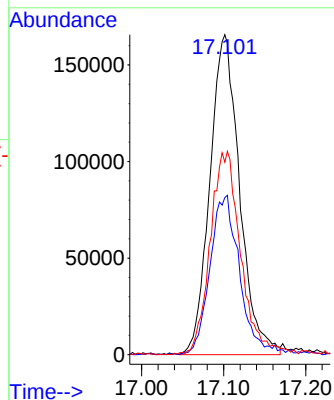
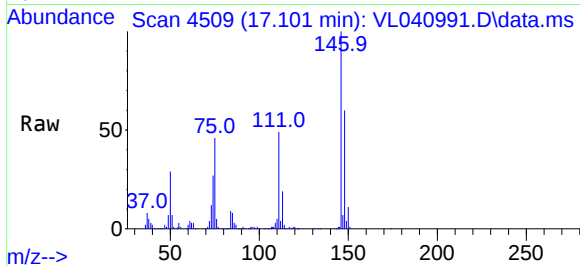




#77
1,2-Dichlorobenzene
Concen: 2.188 ppbv
RT: 17.101 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

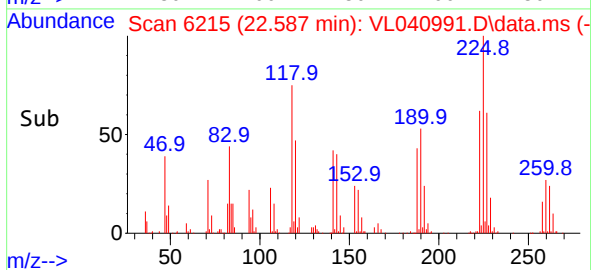
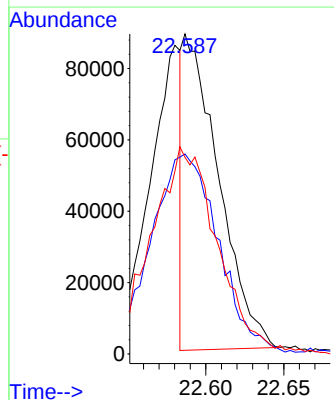
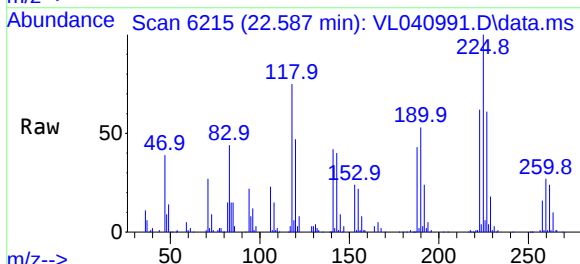
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

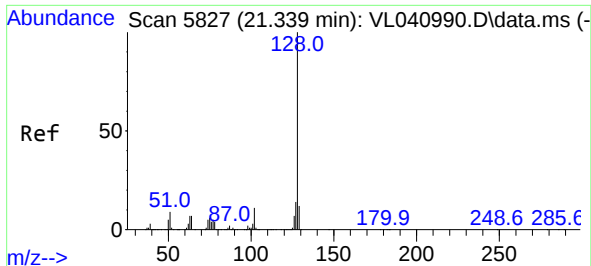
Tgt Ion:146 Resp: 418337
Ion Ratio Lower Upper
146 100
111 50.9 24.8 74.3
148 65.4 31.8 95.3



#78
Hexachloro-1,3-Butadiene
Concen: 1.131 ppbv
RT: 22.587 min Scan# 6215
Delta R.T. -0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Tgt Ion:225 Resp: 139401
Ion Ratio Lower Upper
225 100
223 124.7 51.1 76.7#
227 125.2 51.0 76.4#

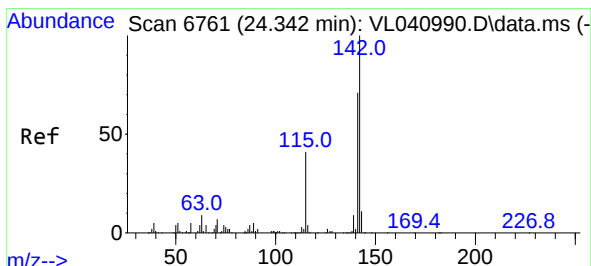
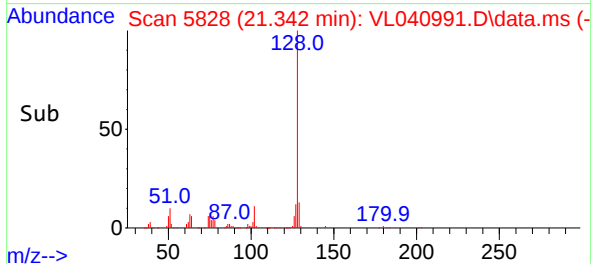
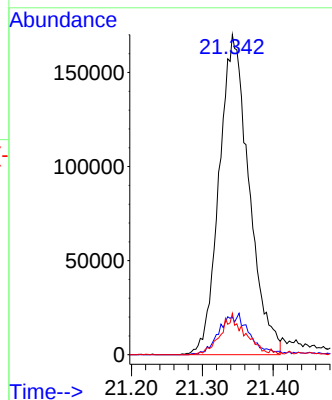
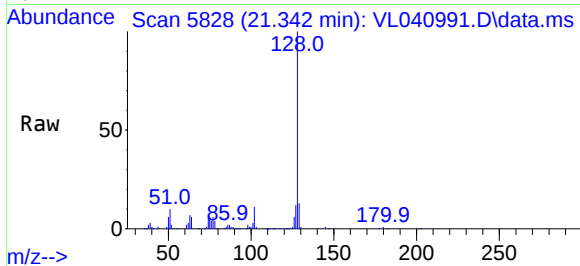




#79
Naphthalene
Concen: 2.589 ppbv
RT: 21.342 min Scan# 5828
Delta R.T. 0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

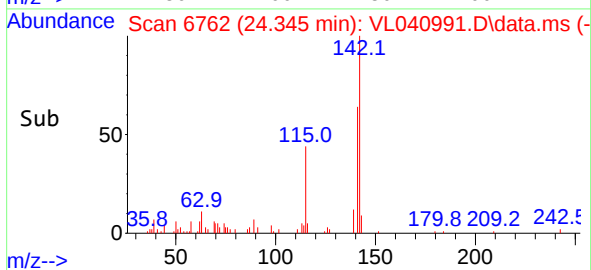
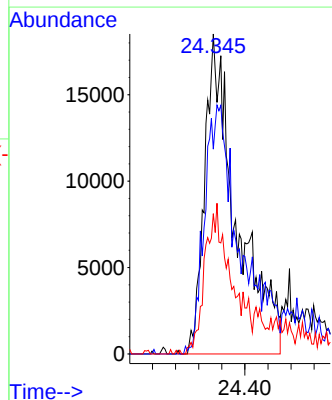
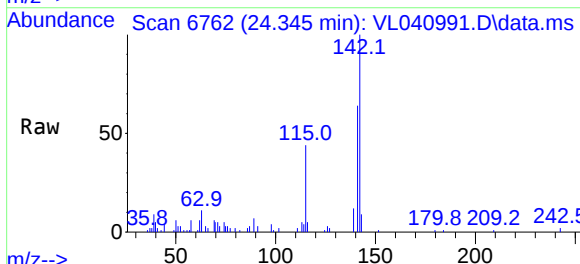
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

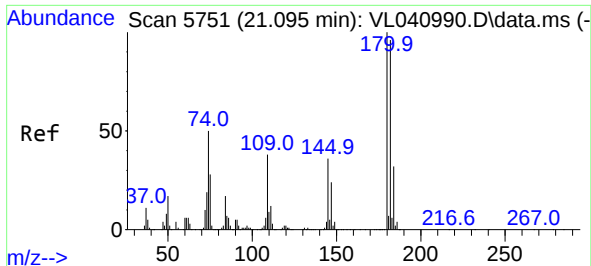
Tgt Ion:128 Resp: 499178
Ion Ratio Lower Upper
128 100
127 11.9 10.9 16.3
129 12.9 9.3 13.9



#80
Naphthalene,2-methyl-
Concen: 2.087 ppbv
RT: 24.345 min Scan# 6762
Delta R.T. 0.003 min
Lab File: VL040991.D
Acq: 23 Jan 2024 10:23

Tgt Ion:142 Resp: 70680
Ion Ratio Lower Upper
142 100
141 86.8 62.7 94.1
115 43.9 34.0 51.0





#81

1,2,4-Trichlorobenzene

Concen: 2.164 ppbv

RT: 21.098 min Scan# 51

Delta R.T. 0.003 min

Lab File: VL040991.D

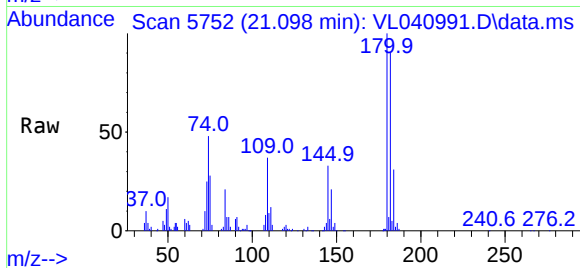
Acq: 23 Jan 2024 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002



Tgt Ion:180 Resp: 243475

Ion Ratio Lower Upper

180 100

182 101.3 78.6 118.0

184 31.9 24.4 36.6

