

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012324\
 Data File : VL040992.D
 Acq On : 23 Jan 2024 11:01
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Quant Time: Jan 24 00:58:09 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	5.157	49	1032462	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.613	114	2803519	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.423	117	2535465	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.735	95	1878448	9.809	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.700	85	244753	1.073	ppbv	99
3) Chlorodifluoromethane	2.645	51	193620	1.115	ppbv	99
4) Chloromethane	2.780	50	69946	1.075	ppbv	91
5) Vinyl Chloride	2.893	62	68984	1.081	ppbv	97
6) Bromomethane	3.089	94	30115	1.084	ppbv	97
7) Chloroethane	3.163	64	13991	0.609	ppbv	94
8) Dichlorotetrafluoroethane	2.825	85	180945	1.062	ppbv	94
9) Propene	2.665	41	59661	1.047	ppbv	97
10) Heptane	7.542	43	75930	0.542	ppbv #	34
11) Trichlorofluoromethane	3.530	101	200870	1.093	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.034	101	147074	1.104	ppbv	99
13) Ethanol	3.221	45	9723	0.716	ppbv #	35
14) Bromoethene	3.333	108	52704	1.031	ppbv #	92
15) Acetone	3.443	43	145827	1.104	ppbv	99
16) 1,3-Butadiene	2.954	39	66723	1.056	ppbv	94
17) tert-Butyl alcohol	3.854	59	119419	1.103	ppbv	97
18) 1,1-Dichloroethene	3.848	96	61958	1.087	ppbv	92
19) Isopropyl Alcohol	3.555	45	79312	1.038	ppbv #	96
20) Methylene Chloride	3.903	84	53465	1.052	ppbv	96
21) Allyl Chloride	3.964	41	82032	1.023	ppbv	88
22) trans-1,2-Dichloroethene	4.411	96	61472	1.047	ppbv	96
23) Vinyl Acetate	4.597	43	148975	1.095	ppbv	98
24) 1,1-Dichloroethane	4.530	63	126894	1.051	ppbv	99
25) Ethyl Acetate	5.176	43	260095	1.086	ppbv	99
26) Hexane	5.176	57	107469	1.053	ppbv	93
27) Carbon Disulfide	4.092	76	125448	0.945	ppbv #	84
28) Methyl tert-Butyl Ether	4.555	73	43373	0.512	ppbv #	41
29) Chloroform	5.237	83	190497	1.053	ppbv	99
30) Cyclohexane	6.562	84	90527	1.059	ppbv	94
31) cis-1,2-Dichloroethene	5.047	61	89525	0.935	ppbv	93
32) 1,1,1-Trichloroethane	5.967	97	192998	1.116	ppbv	99
34) 2-Butanone	4.761	43	135470	1.014	ppbv	96
35) Carbon Tetrachloride	6.452	117	195707	1.047	ppbv	96
36) Benzene	6.333	78	239834	1.036	ppbv	95
37) 1,2-Dichloroethane	5.771	62	144640	1.024	ppbv	99
38) Trichloroethene	7.250	130	91788	0.989	ppbv	96
39) 1,2-Dichloropropane	7.034	63	94863	1.040	ppbv	97
40) 1,4-Dioxane	7.272	88	21841	0.577	ppbv #	1
41) Tetrahydrofuran	5.536	42	84224	0.929	ppbv	90
42) Bromodichloromethane	7.211	83	204971	1.014	ppbv	97
43) Methyl Methacrylate	7.439	69	85896	0.961	ppbv	94
44) 2,2,4-Trimethylpentane	7.288	57	415145	1.066	ppbv	100
45) t-1,3-Dichloropropene	8.674	75	51347	0.841	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012324\
 Data File : VL040992.D
 Acq On : 23 Jan 2024 11:01
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 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

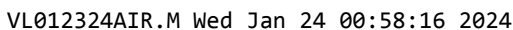
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

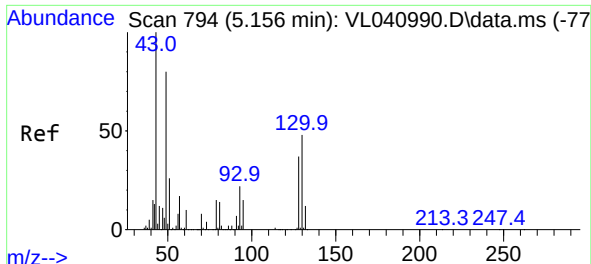
Quant Time: Jan 24 00:58:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jan 24 00:50:15 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.102	75	38160	0.501	ppbv	93
47) 1,1,2-Trichloroethane	8.854	97	102940	1.047	ppbv	98
48) Dibromochloromethane	9.668	129	161107	0.969	ppbv	99
49) Bromoform	12.365	173	125479	0.962	ppbv	98
50) 4-Methyl-2-Pentanone	8.153	43	225361	0.958	ppbv	98
51) 2-Hexanone	9.529	43	167737	0.989	ppbv #	97
52) Tetrachloroethene	10.574	164	81107	1.055	ppbv	89
53) Toluene	9.176	91	119380	0.471	ppbv #	20
54) 1,2-Dibromoethane	9.970	107	135796	1.020	ppbv	95
56) 1,1,1,2-Tetrachloroethane	11.468	131	126011	1.036	ppbv #	1
57) Chlorobenzene	11.484	112	212779	1.043	ppbv	97
58) Ethyl Benzene	12.044	91	345939	1.016	ppbv	91
59) m/p-Xylene	12.336	91	239937	0.808	ppbv #	32
60) o-Xylene	13.012	91	144185	0.506	ppbv #	32
61) Styrene	12.857	104	124913	0.955	ppbv	98
62) Isopropylbenzene	13.989	105	447400	1.062	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.008	83	233412	1.054	ppbv	99
64) n-propylbenzene	14.873	120	110834	1.042	ppbv	88
65) tert-Butylbenzene	16.050	119	388194	1.055	ppbv	93
66) Benzyl Chloride	16.285	91	9926	0.412	ppbv #	65
67) sec-Butylbenzene	16.597	105	572022	1.067	ppbv	99
69) p-Isopropyltoluene	16.957	119	436446	1.051	ppbv	98
70) n-Butylbenzene	17.851	91	459270	1.024	ppbv	99
71) 2-Chlorotoluene	14.761	91	342566	1.054	ppbv	99
72) 4-Ethyltoluene	15.153	105	323511	1.017	ppbv	99
73) 1,3,5-Trimethylbenzene	15.314	105	286769	1.016	ppbv	96
74) 1,2,4-Trimethylbenzene	16.063	105	340844	1.065	ppbv	98
75) 1,3-Dichlorobenzene	16.288	146	103593	0.569	ppbv #	32
76) 1,4-Dichlorobenzene	16.429	146	180994	1.007	ppbv	99
77) 1,2-Dichlorobenzene	17.105	146	188478	1.041	ppbv	96
78) Hexachloro-1,3-Butadiene	22.587	225	74793	0.641	ppbv #	31
79) Naphthalene	21.342	128	177975	0.975	ppbv #	95
80) Naphthalene,2-methyl-	24.349	142	18277	0.570	ppbv	98
81) 1,2,4-Trichlorobenzene	21.092	180	40528	0.380	ppbv #	11

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

Quant Time: Jan 24 00:58:09 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

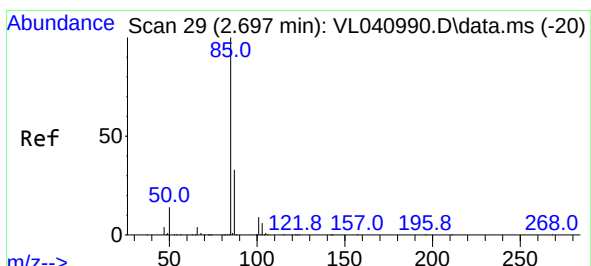
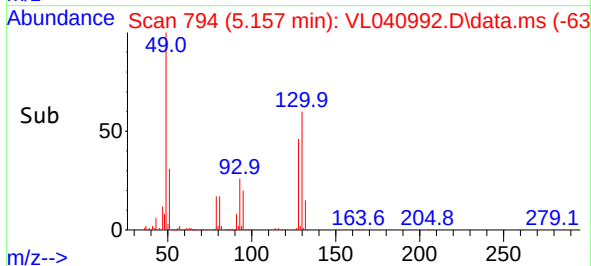
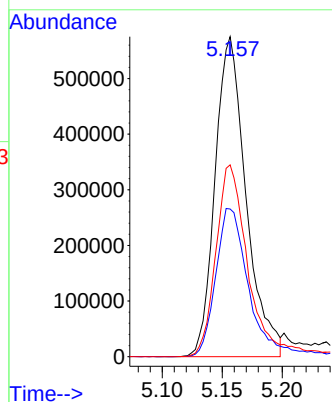
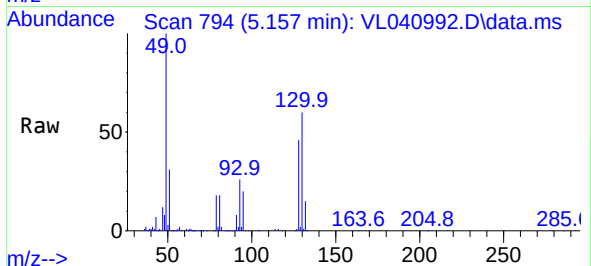




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.157 min Scan# 794
Delta R.T. 0.001 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

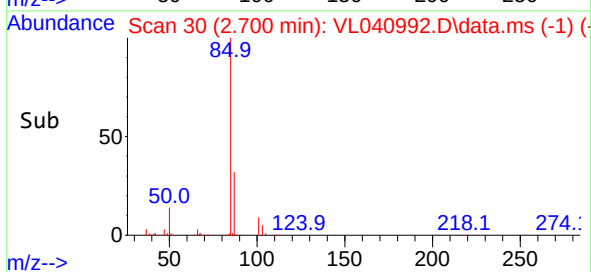
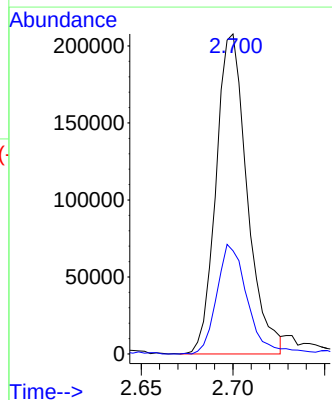
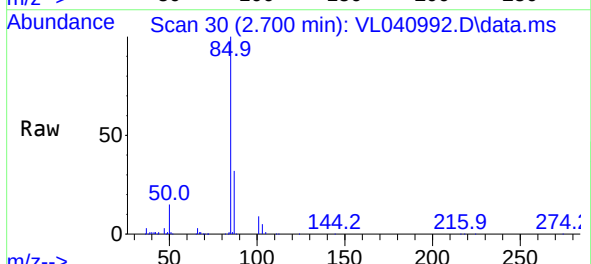
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

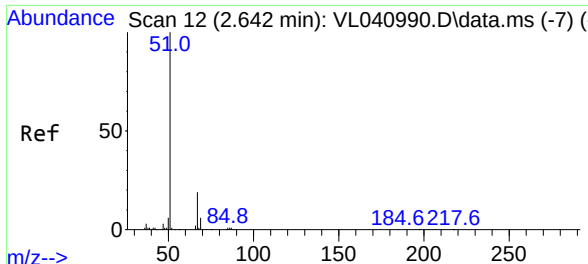
Tgt Ion: 49 Resp: 1032462
Ion Ratio Lower Upper
49 100
128 50.8 23.9 71.7
130 65.0 31.1 93.5



#2
Dichlorodifluoromethane
Concen: 1.073 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

Tgt Ion: 85 Resp: 244753
Ion Ratio Lower Upper
85 100
87 32.2 26.3 39.5

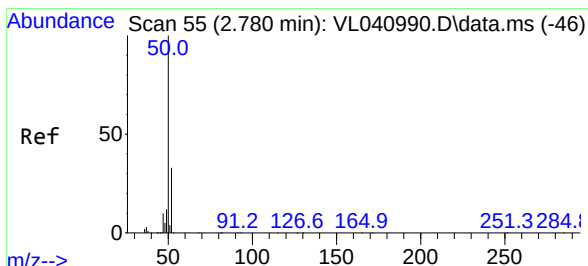
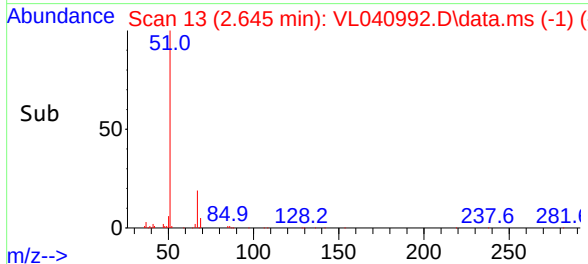
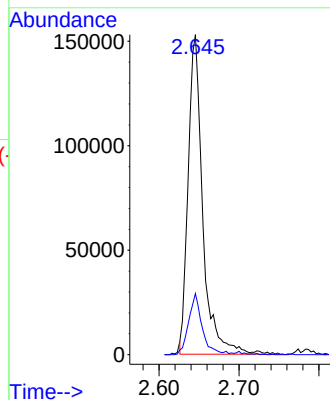
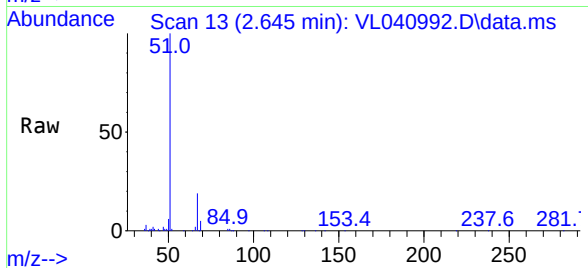




#3
Chlorodifluoromethane
Concen: 1.115 ppbv
RT: 2.645 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

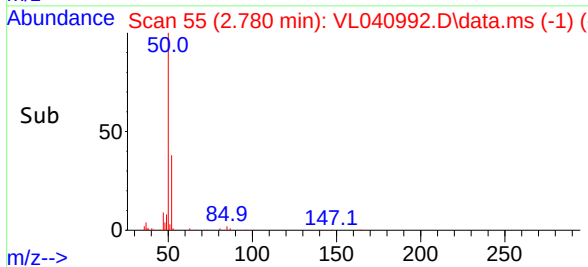
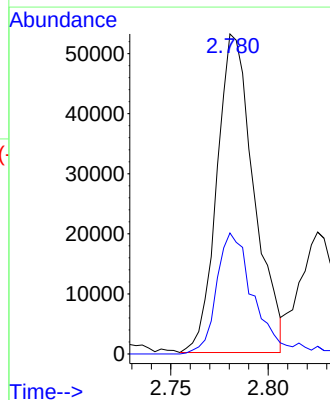
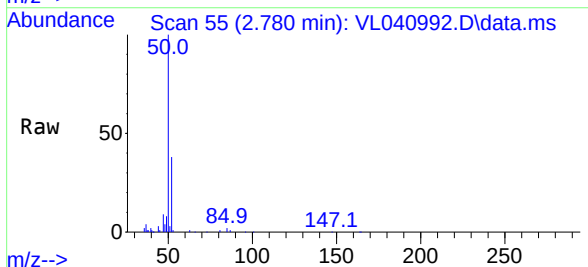
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 51 Resp: 193620
Ion Ratio Lower Upper
51 100
67 18.2 14.8 22.2

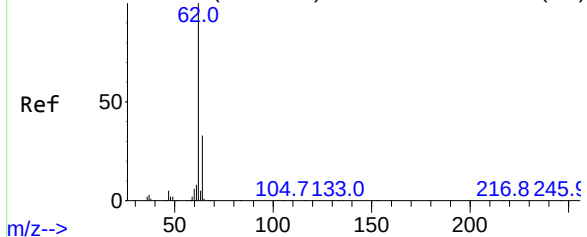


#4
Chloromethane
Concen: 1.075 ppbv
RT: 2.780 min Scan# 55
Delta R.T. 0.000 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

Tgt Ion: 50 Resp: 69946
Ion Ratio Lower Upper
50 100
52 38.0 26.2 39.4



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

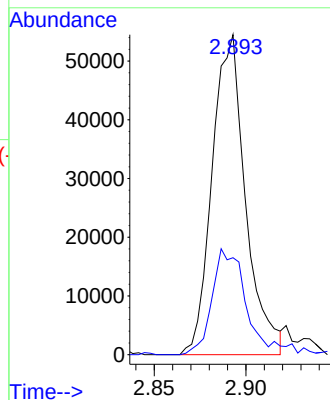
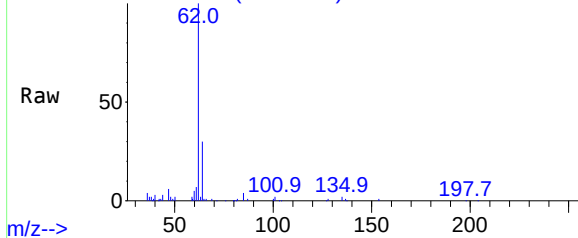


#5
Vinyl Chloride
Concen: 1.081 ppbv
RT: 2.893 min Scan# 90
Delta R.T. 0.006 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

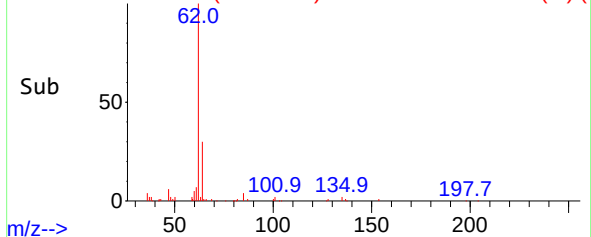
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

Tgt Ion: 62 Resp: 68984
Ion Ratio Lower Upper
62 100
64 31.4 26.6 40.0

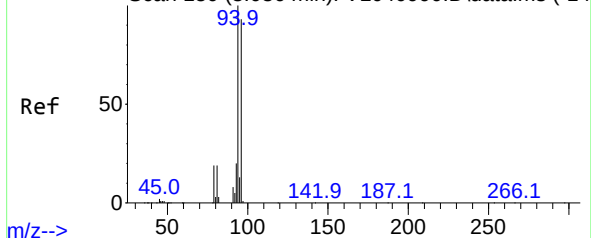
Abundance Scan 90 (2.893 min): VL040992.D\data.ms



Abundance Scan 90 (2.893 min): VL040992.D\data.ms (-1)



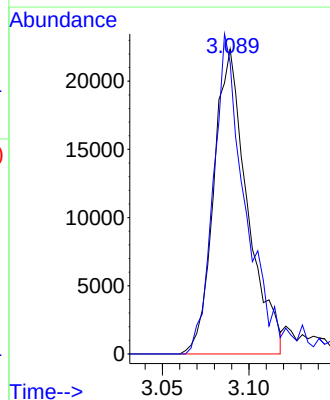
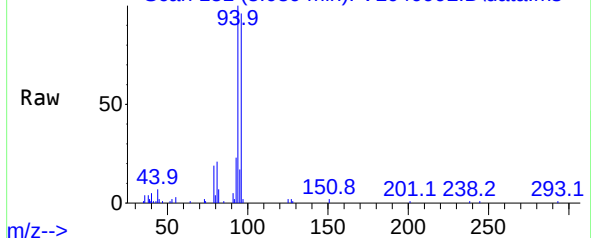
Abundance Scan 150 (3.086 min): VL040990.D\data.ms (-14)



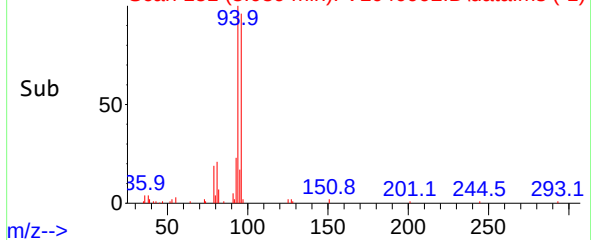
#6
Bromomethane
Concen: 1.084 ppbv
RT: 3.089 min Scan# 151
Delta R.T. 0.003 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

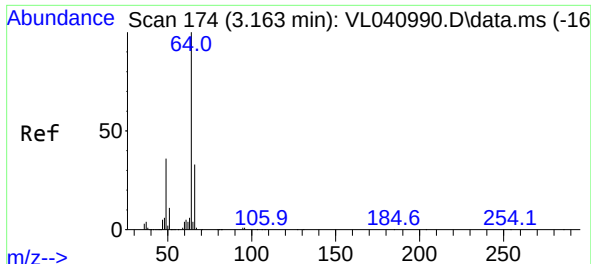
Tgt Ion: 94 Resp: 30115
Ion Ratio Lower Upper
94 100
96 95.7 74.2 111.4

Abundance Scan 151 (3.089 min): VL040992.D\data.ms



Abundance Scan 151 (3.089 min): VL040992.D\data.ms (-1)

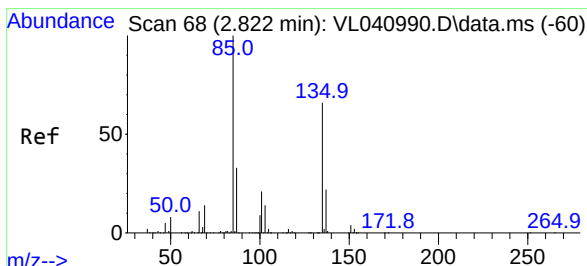
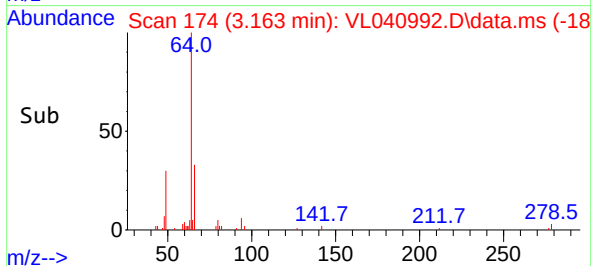
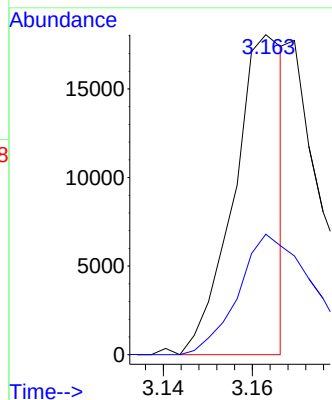
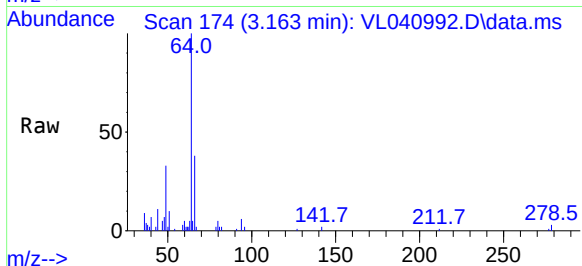




#7
Chloroethane
Concen: 0.609 ppbv
RT: 3.163 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

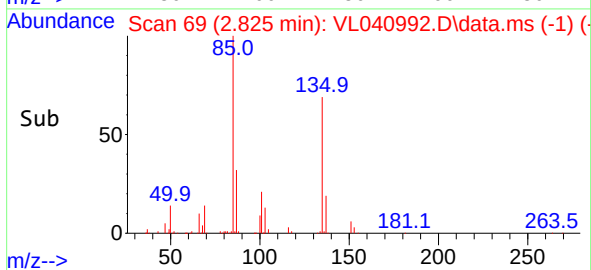
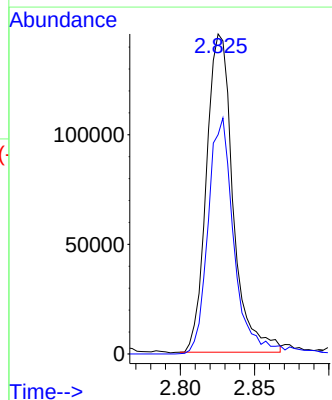
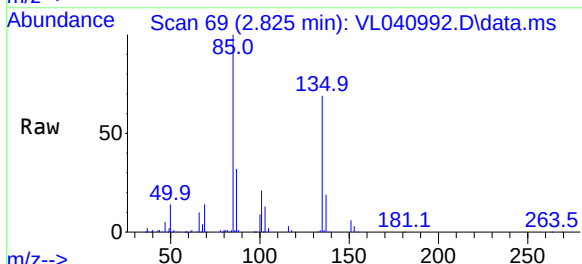
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

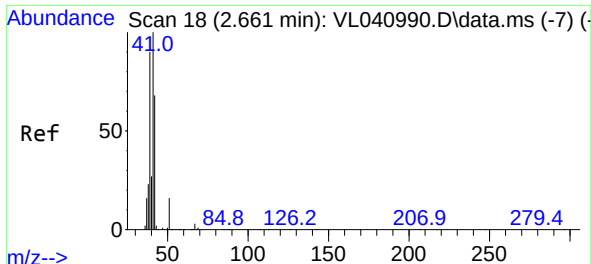
Tgt Ion: 64 Resp: 13991
Ion Ratio Lower Upper
64 100
66 36.0 26.0 39.0



#8
Dichlorotetrafluoroethane
Concen: 1.062 ppbv
RT: 2.825 min Scan# 69
Delta R.T. 0.003 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

Tgt Ion: 85 Resp: 180945
Ion Ratio Lower Upper
85 100
135 74.0 55.0 82.6





#9

Propene

Concen: 1.047 ppbv

RT: 2.665 min Scan# 1536

Delta R.T. 0.003 min

Lab File: VL040992.D

Acq: 23 Jan 2024 11:01

Instrument :

MSVOA_L

ClientSampleId :

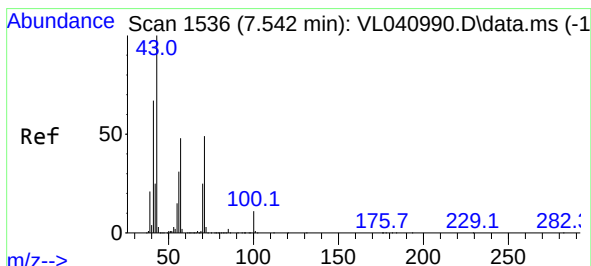
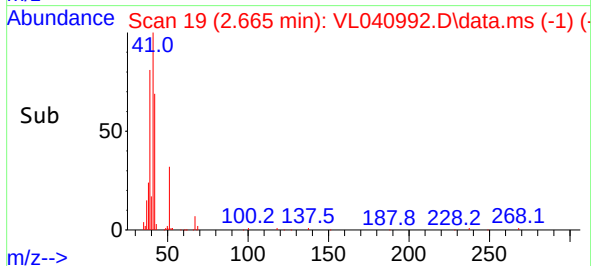
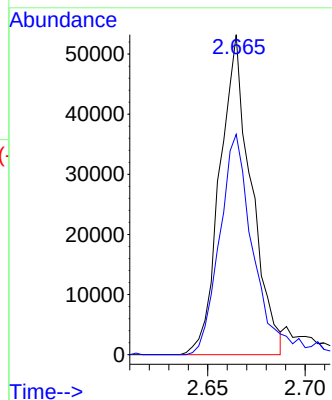
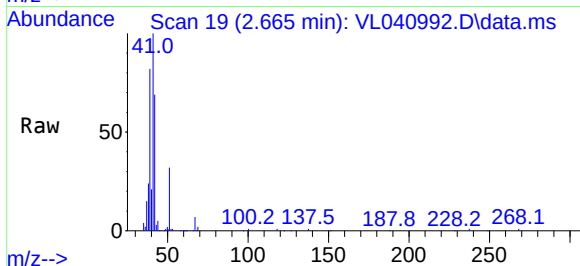
VSTDIC001

Tgt Ion: 41 Resp: 59661

Ion Ratio Lower Upper

41 100

42 75.8 59.0 88.4



#10

Heptane

Concen: 0.542 ppbv

RT: 7.542 min Scan# 1536

Delta R.T. 0.000 min

Lab File: VL040992.D

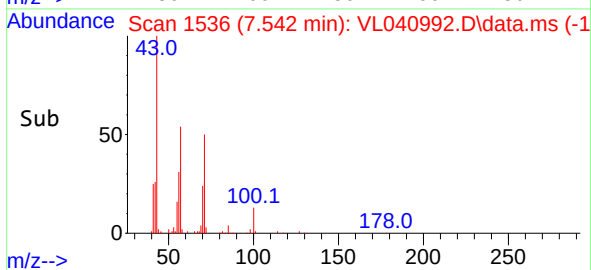
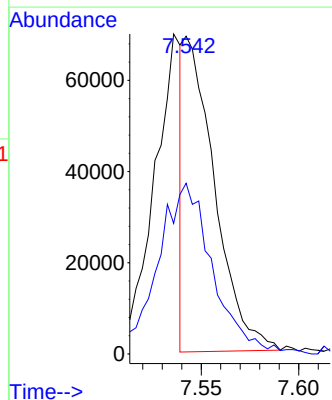
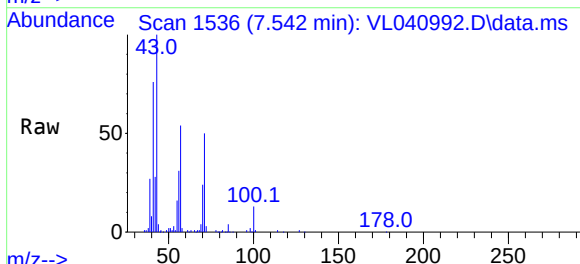
Acq: 23 Jan 2024 11:01

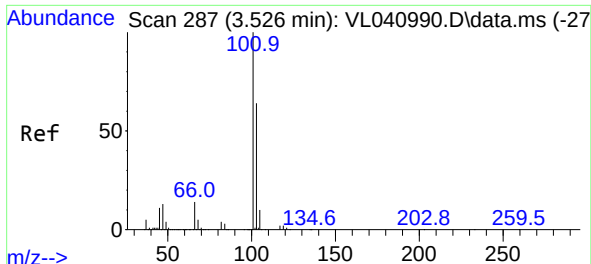
Tgt Ion: 43 Resp: 75930

Ion Ratio Lower Upper

43 100

57 94.4 39.4 59.2#

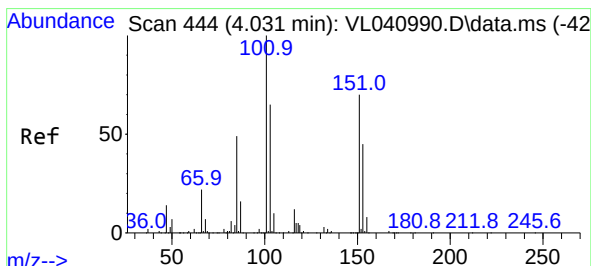
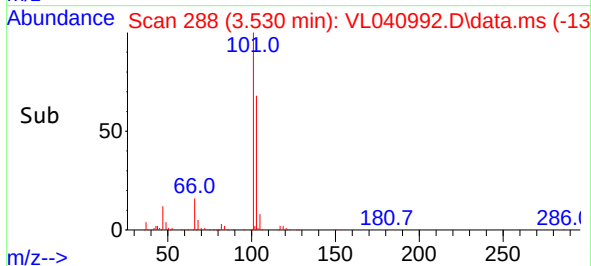
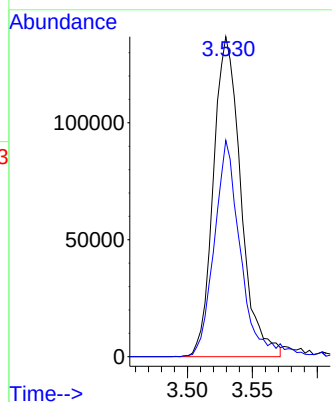
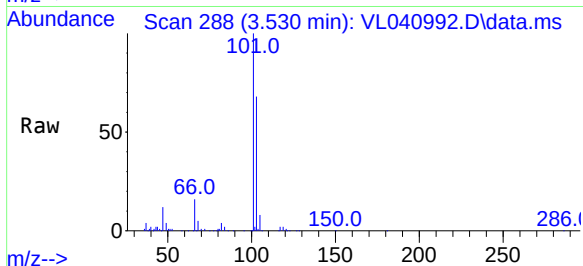




#11
 Trichlorofluoromethane
 Concen: 1.093 ppbv
 RT: 3.530 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VL040992.D
 Acq: 23 Jan 2024 11:01

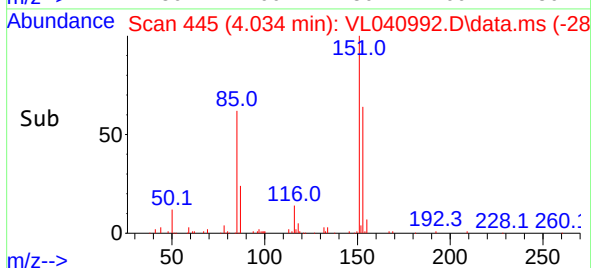
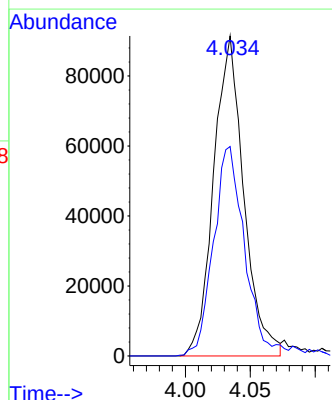
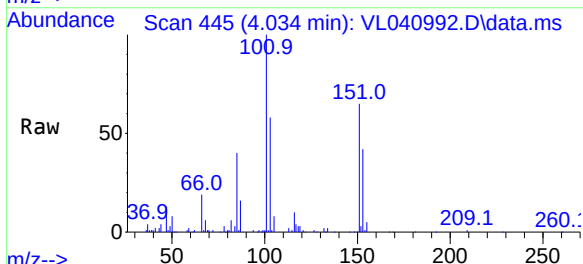
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

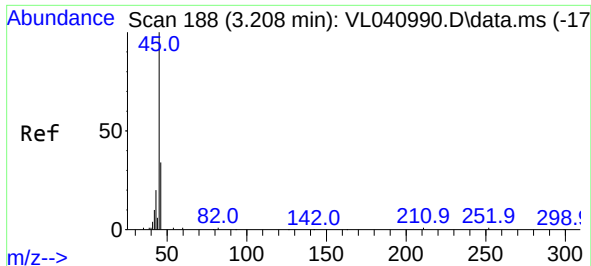
Tgt Ion:101 Resp: 200870
 Ion Ratio Lower Upper
 101 100
 103 67.6 51.4 77.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.104 ppbv
 RT: 4.034 min Scan# 445
 Delta R.T. 0.003 min
 Lab File: VL040992.D
 Acq: 23 Jan 2024 11:01

Tgt Ion:101 Resp: 147074
 Ion Ratio Lower Upper
 101 100
 151 70.2 56.6 85.0

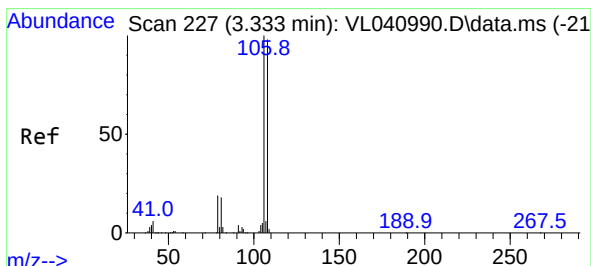
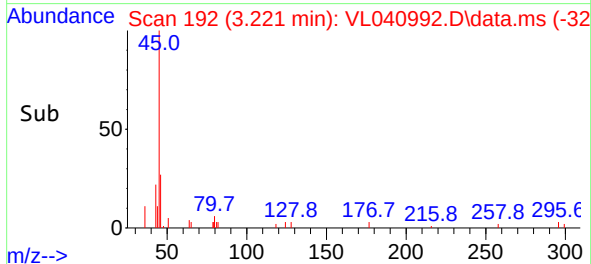
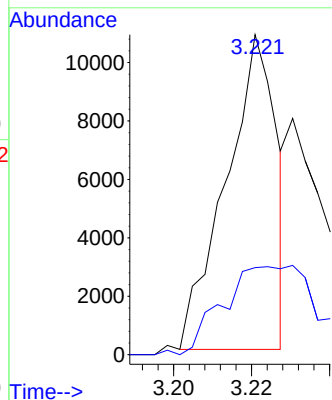
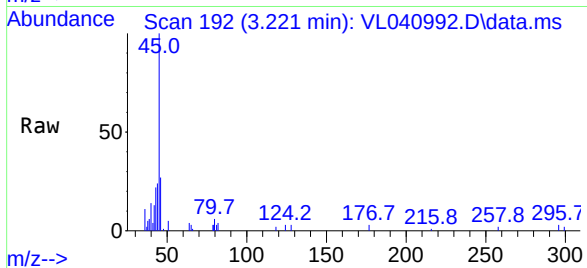




#13
Ethanol
Concen: 0.716 ppbv
RT: 3.221 min Scan# 192
Delta R.T. 0.013 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

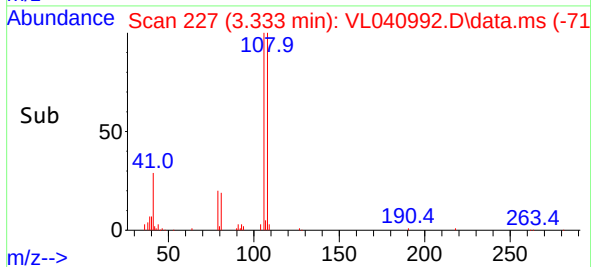
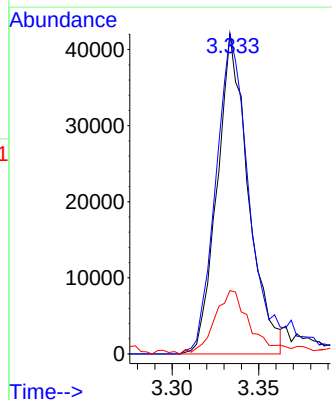
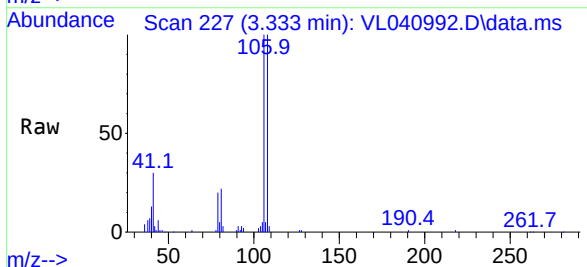
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

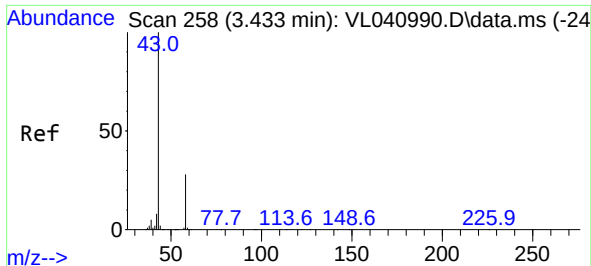
Tgt Ion: 45 Resp: 9723
Ion Ratio Lower Upper
45 100
46 0.0 16.2 64.8#



#14
Bromoethene
Concen: 1.031 ppbv
RT: 3.333 min Scan# 227
Delta R.T. 0.000 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

Tgt Ion: 108 Resp: 52704
Ion Ratio Lower Upper
108 100
106 115.5 86.4 129.6
79 25.6 16.2 24.4#

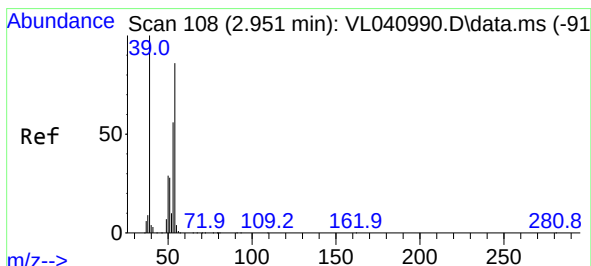
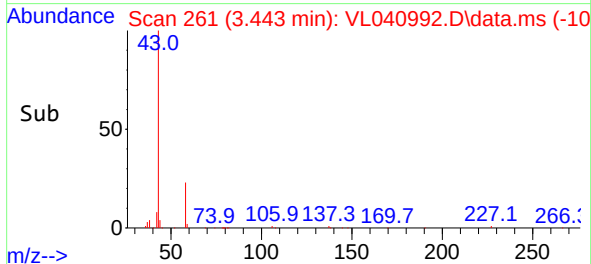
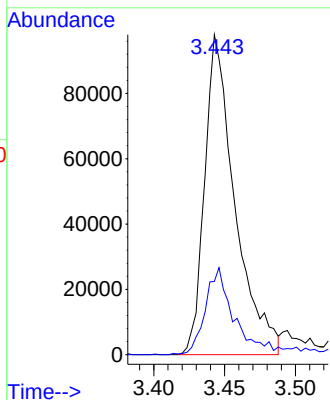
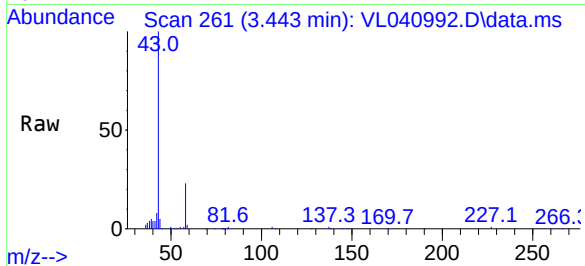




#15
Acetone
Concen: 1.104 ppbv
RT: 3.443 min Scan# 20
Delta R.T. 0.010 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

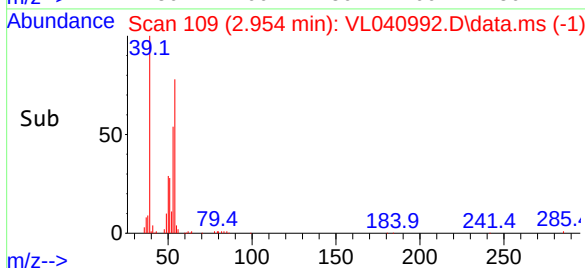
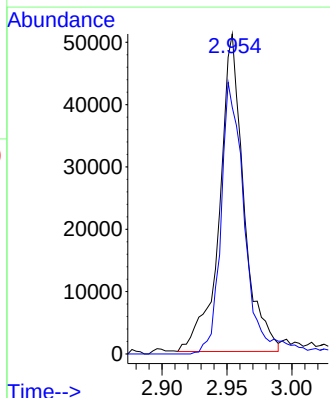
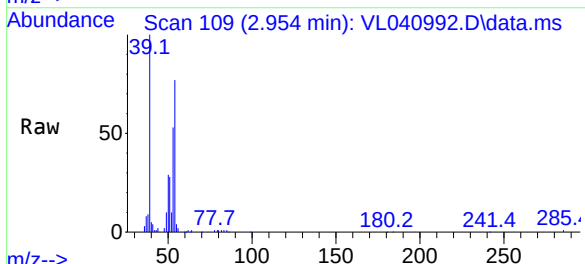
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

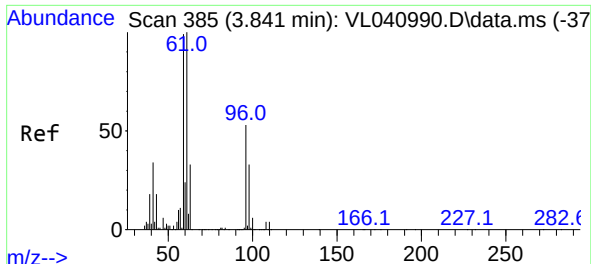
Tgt Ion: 43 Resp: 145827
Ion Ratio Lower Upper
43 100
58 26.9 22.2 33.2



#16
1,3-Butadiene
Concen: 1.056 ppbv
RT: 2.954 min Scan# 109
Delta R.T. 0.003 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

Tgt Ion: 39 Resp: 66723
Ion Ratio Lower Upper
39 100
54 83.9 62.7 94.1





#17

tert-Butyl alcohol

Concen: 1.103 ppbv

RT: 3.854 min Scan# 385

Delta R.T. 0.013 min

Lab File: VL040992.D

Acq: 23 Jan 2024 11:01

Instrument :

MSVOA_L

ClientSampleId :

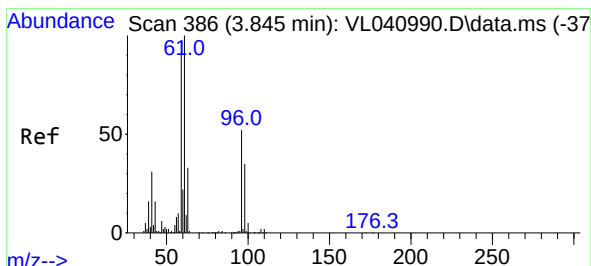
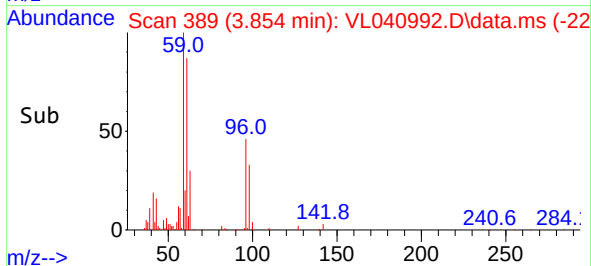
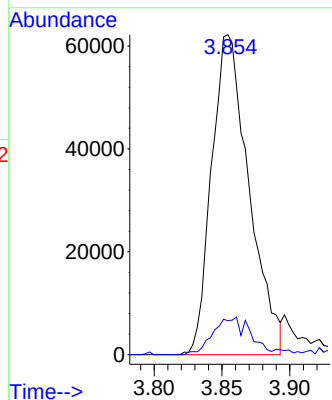
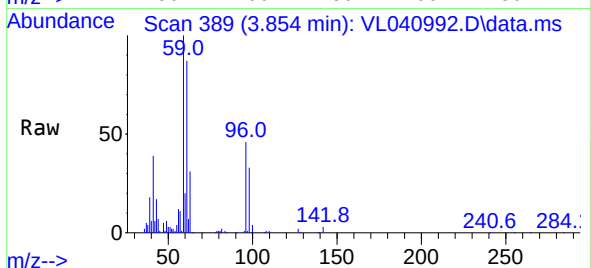
VSTDIC001

Tgt Ion: 59 Resp: 119419

Ion Ratio Lower Upper

59 100

57 12.1 8.7 13.1



#18

1,1-Dichloroethene

Concen: 1.087 ppbv

RT: 3.848 min Scan# 387

Delta R.T. 0.003 min

Lab File: VL040992.D

Acq: 23 Jan 2024 11:01

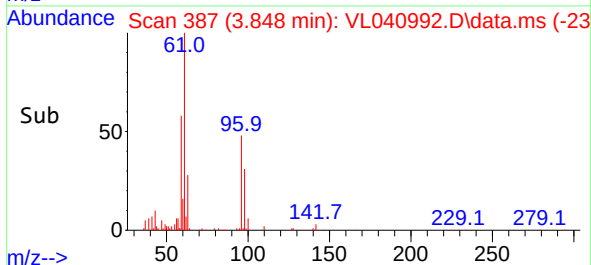
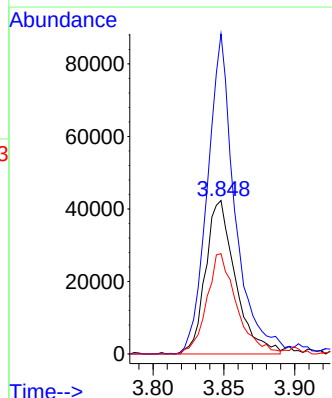
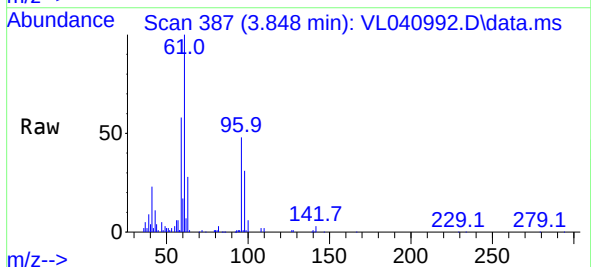
Tgt Ion: 96 Resp: 61958

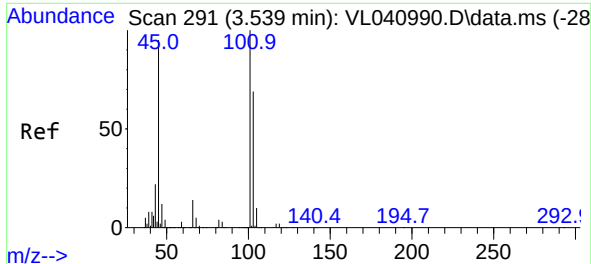
Ion Ratio Lower Upper

96 100

61 207.5 153.8 230.8

98 64.8 53.7 80.5





#19

Isopropyl Alcohol

Concen: 1.038 ppbv

RT: 3.555 min Scan# 291

Delta R.T. 0.016 min

Lab File: VL040992.D

Acq: 23 Jan 2024 11:01

Instrument :

MSVOA_1

ClientSampleId :

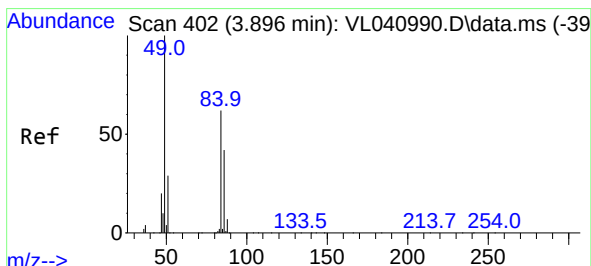
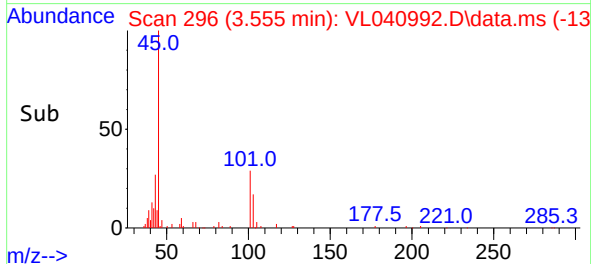
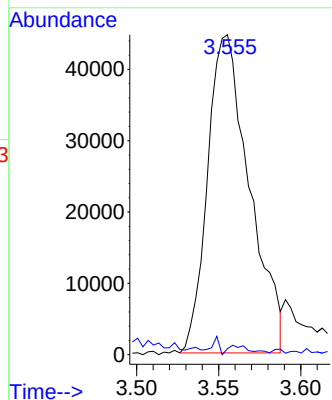
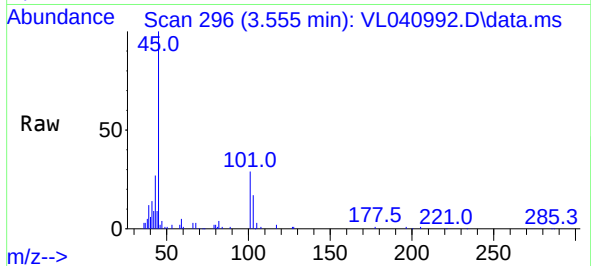
VSTDICC001

Tgt Ion: 45 Resp: 79312

Ion Ratio Lower Upper

45 100

58 4.1 2.2 3.4#



#20

Methylene Chloride

Concen: 1.052 ppbv

RT: 3.903 min Scan# 404

Delta R.T. 0.006 min

Lab File: VL040992.D

Acq: 23 Jan 2024 11:01

Tgt Ion: 84 Resp: 53465

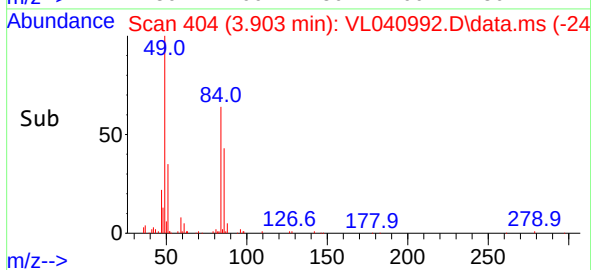
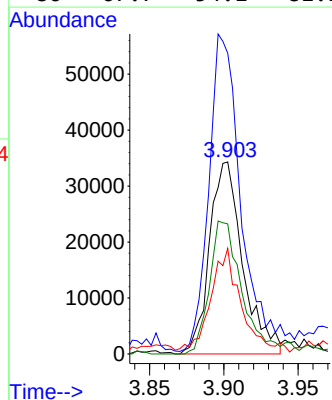
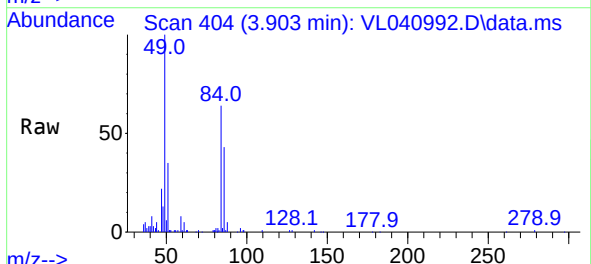
Ion Ratio Lower Upper

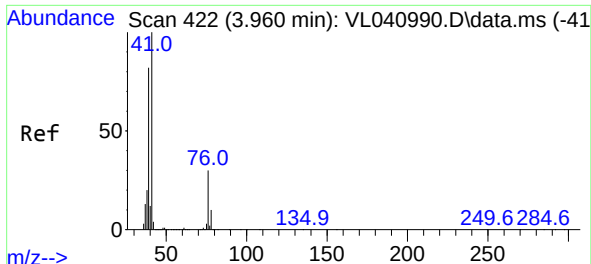
84 100

49 155.3 128.1 192.1

51 51.0 36.5 54.7

86 67.7 54.1 81.1





#21

Allyl Chloride

Concen: 1.023 ppbv

RT: 3.964 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL040992.D

Acq: 23 Jan 2024 11:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

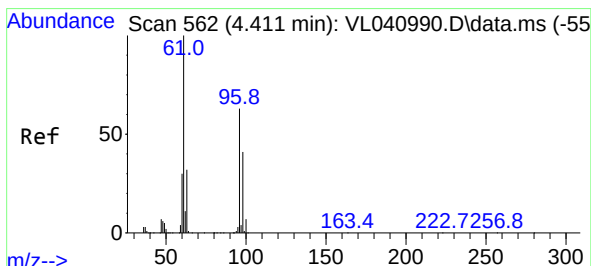
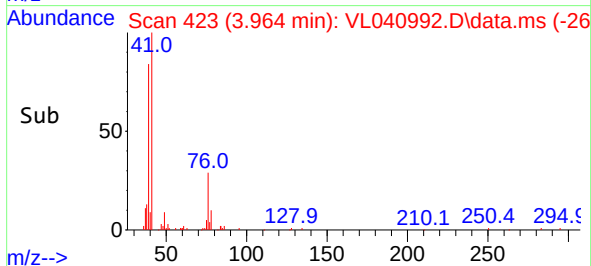
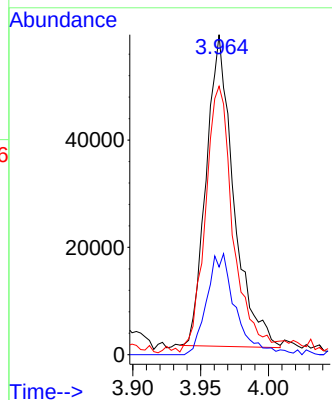
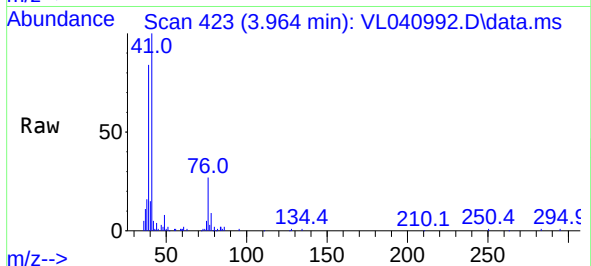
Tgt Ion: 41 Resp: 82032

Ion Ratio Lower Upper

41 100

76 34.5 25.0 37.4

39 96.3 67.0 100.6



#22

trans-1,2-Dichloroethene

Concen: 1.047 ppbv

RT: 4.411 min Scan# 562

Delta R.T. 0.000 min

Lab File: VL040992.D

Acq: 23 Jan 2024 11:01

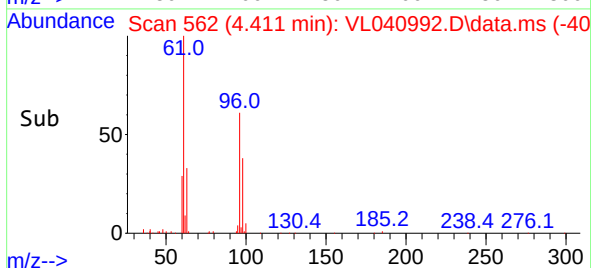
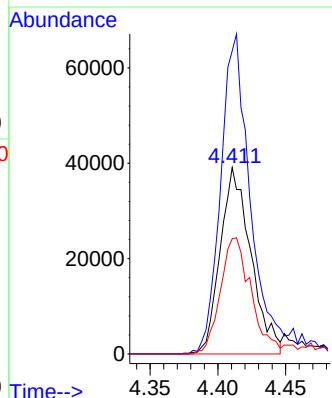
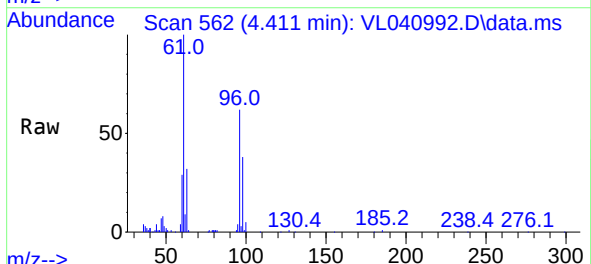
Tgt Ion: 96 Resp: 61472

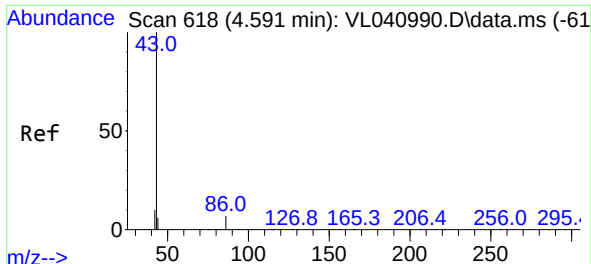
Ion Ratio Lower Upper

96 100

61 162.6 126.0 189.0

98 61.8 51.2 76.8



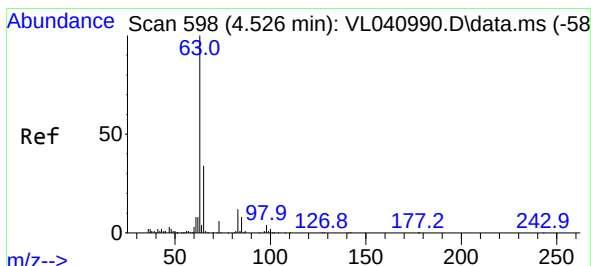
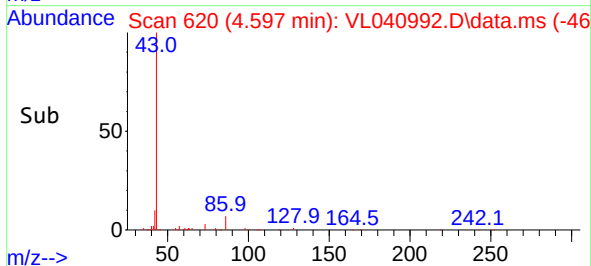
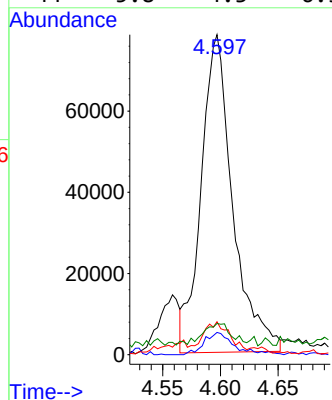
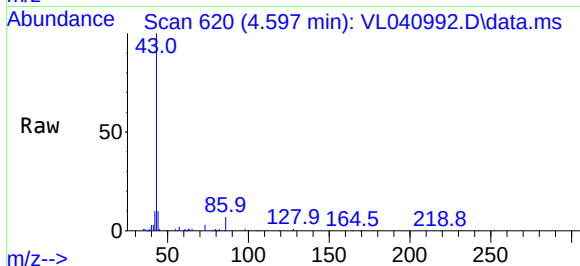


#23
 Vinyl Acetate
 Concen: 1.095 ppbv
 RT: 4.597 min Scan# 618
 Delta R.T. 0.006 min
 Lab File: VL040992.D
 Acq: 23 Jan 2024 11:01

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC001

Tgt Ion: 43 Resp: 148975

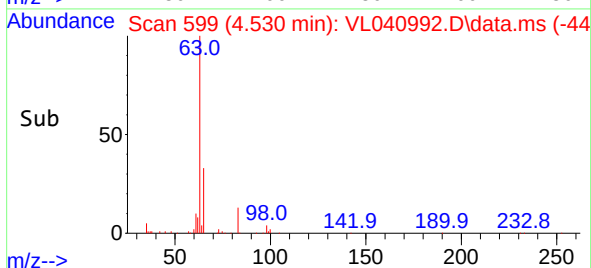
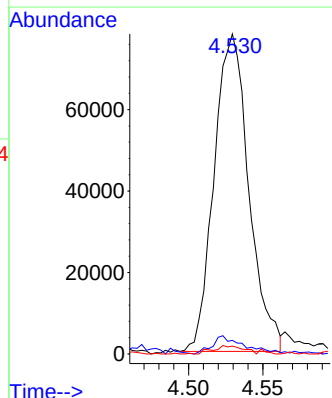
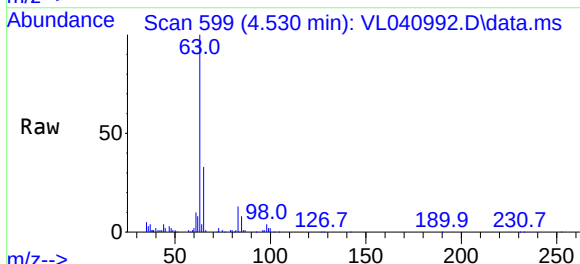
Ion	Ratio	Lower	Upper
43	100		
86	7.3	5.4	8.0
42	10.0	8.6	13.0
44	5.8	4.3	6.5

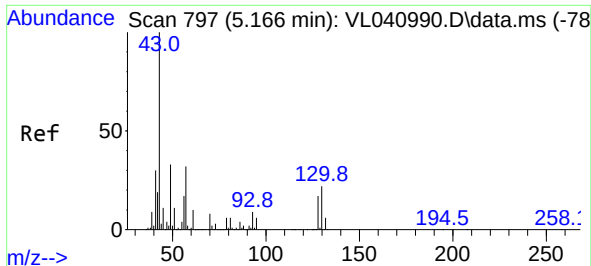


#24
 1,1-Dichloroethane
 Concen: 1.051 ppbv
 RT: 4.530 min Scan# 599
 Delta R.T. 0.003 min
 Lab File: VL040992.D
 Acq: 23 Jan 2024 11:01

Tgt Ion: 63 Resp: 126894

Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.1	6.3
100	2.5	1.3	3.9





#25

Ethyl Acetate

Concen: 1.086 ppbv

RT: 5.176 min Scan# 800

Delta R.T. 0.010 min

Lab File: VL040992.D

Acq: 23 Jan 2024 11:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 260095

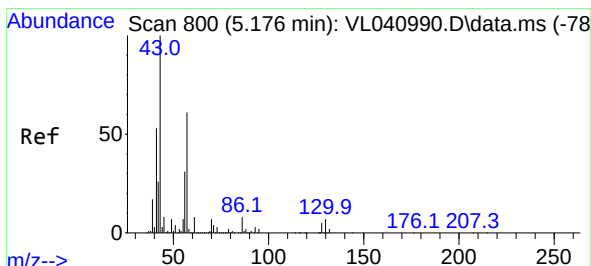
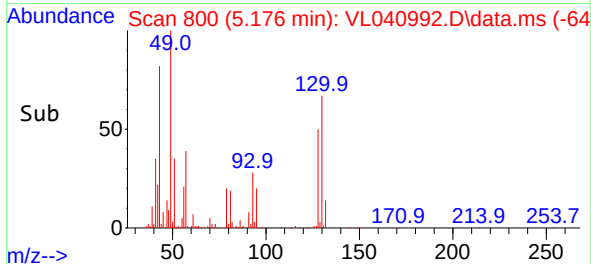
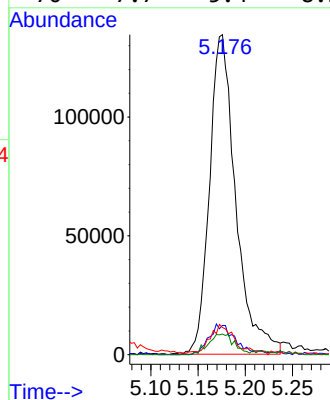
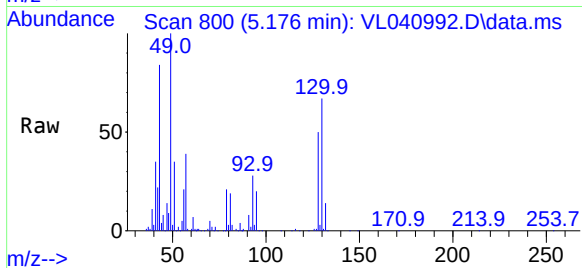
Ion Ratio Lower Upper

43 100

45 10.5 8.2 12.4

61 10.5 7.9 11.9

70 7.7 5.4 8.2



#26

Hexane

Concen: 1.053 ppbv

RT: 5.176 min Scan# 800

Delta R.T. 0.000 min

Lab File: VL040992.D

Acq: 23 Jan 2024 11:01

Tgt Ion: 57 Resp: 107469

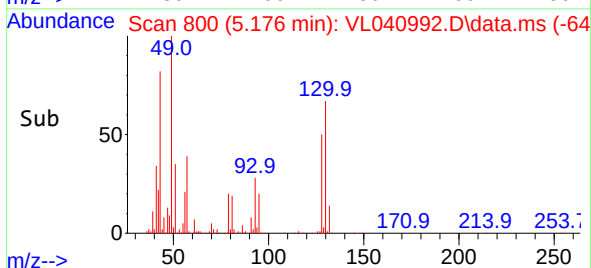
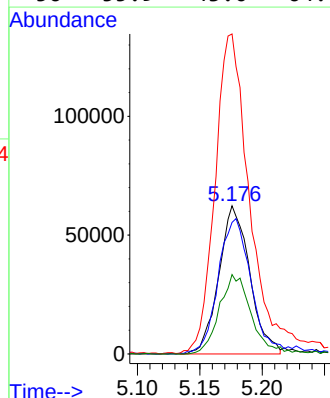
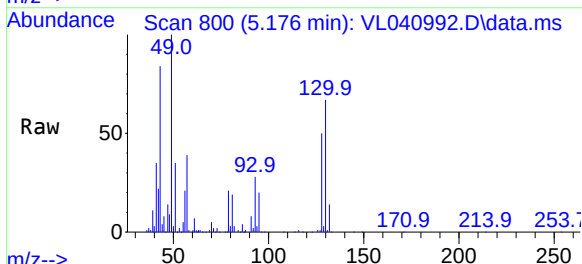
Ion Ratio Lower Upper

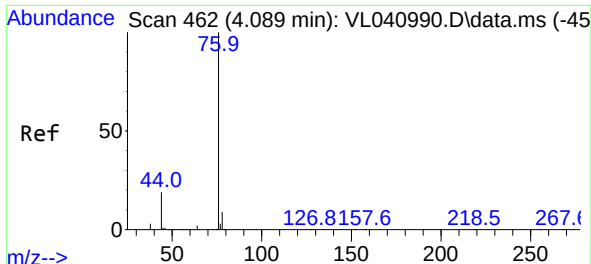
57 100

41 100.2 74.4 111.6

43 251.8 190.6 285.8

56 55.9 43.0 64.4

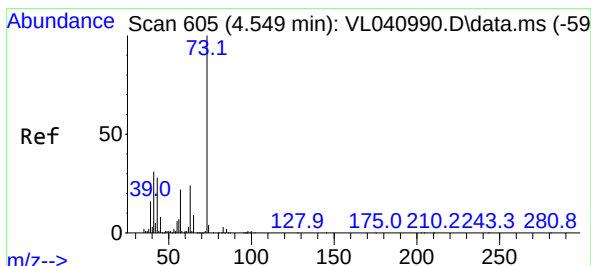
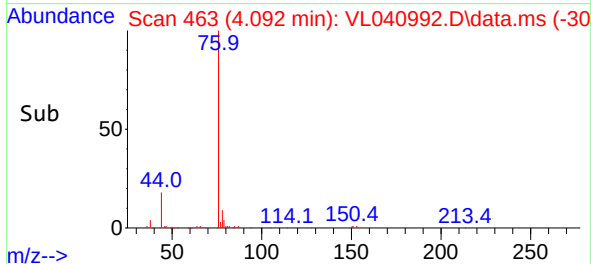
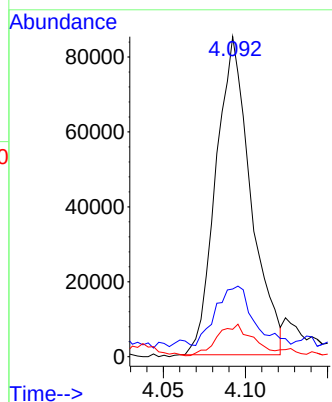
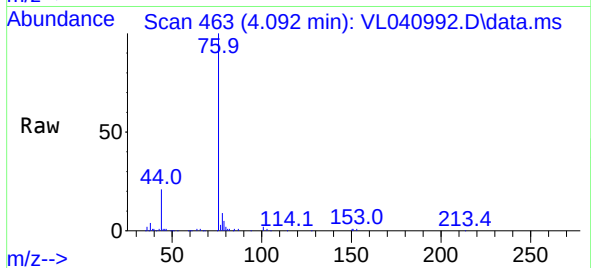




#27
Carbon Disulfide
Concen: 0.945 ppbv
RT: 4.092 min Scan# 40
Delta R.T. 0.003 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

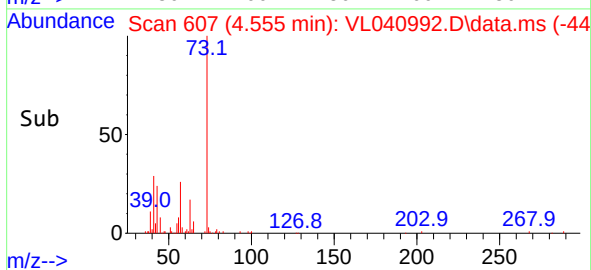
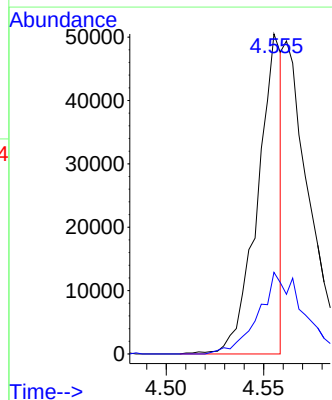
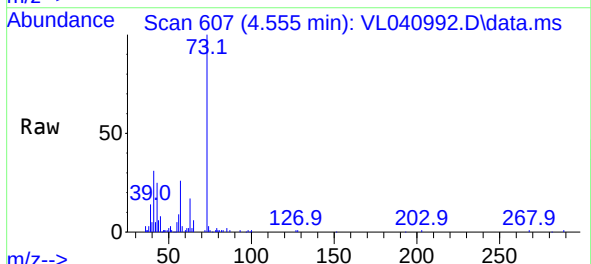
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

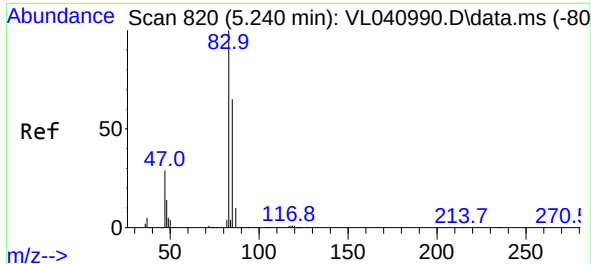
Tgt Ion: 76 Resp: 125448
Ion Ratio Lower Upper
76 100
44 28.0 16.0 24.0#
78 14.2 7.8 11.8#



#28
Methyl tert-Butyl Ether
Concen: 0.512 ppbv
RT: 4.555 min Scan# 607
Delta R.T. 0.006 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

Tgt Ion: 73 Resp: 43373
Ion Ratio Lower Upper
73 100
57 50.7 18.0 27.0#

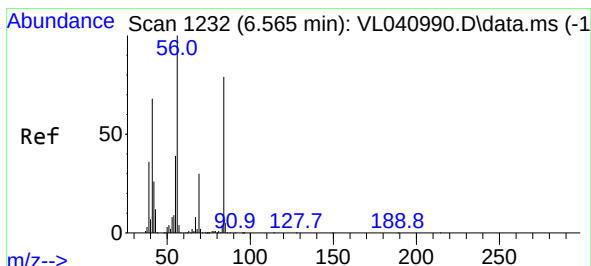
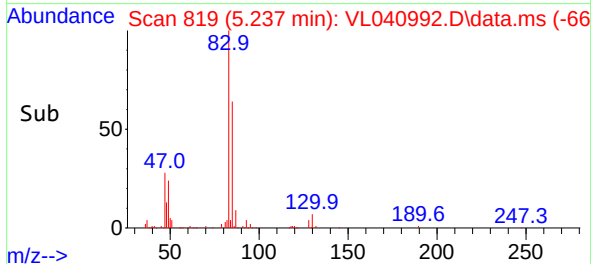
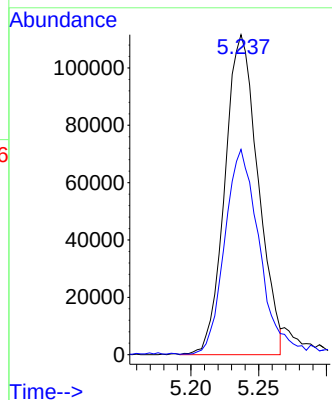
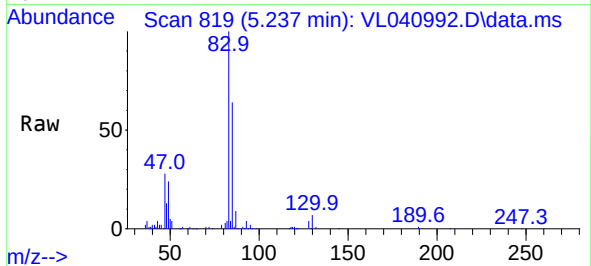




#29
Chloroform
Concen: 1.053 ppbv
RT: 5.237 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

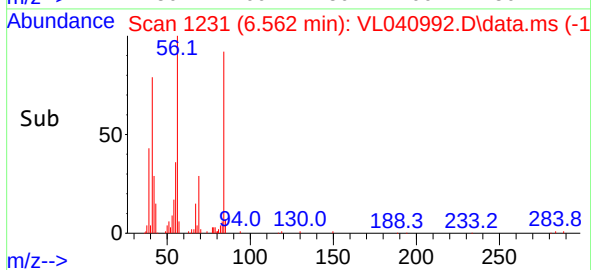
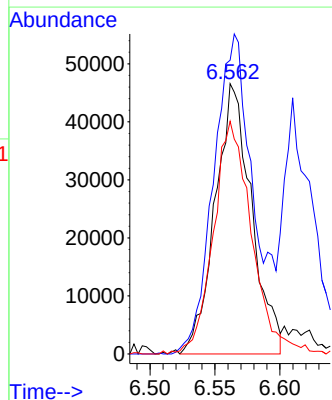
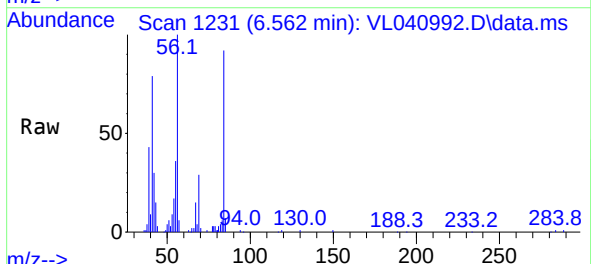
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

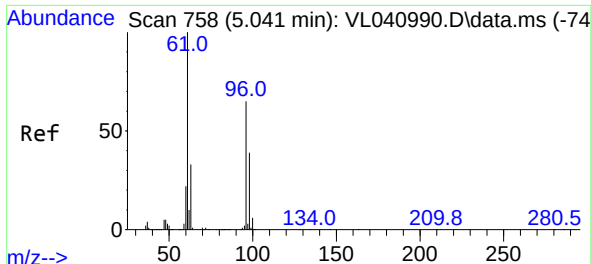
Tgt Ion: 83 Resp: 190497
Ion Ratio Lower Upper
83 100
85 64.0 51.6 77.4



#30
Cyclohexane
Concen: 1.059 ppbv
RT: 6.562 min Scan# 1231
Delta R.T. -0.003 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

Tgt Ion: 84 Resp: 90527
Ion Ratio Lower Upper
84 100
56 129.6 111.7 167.5
41 91.5 71.0 106.6

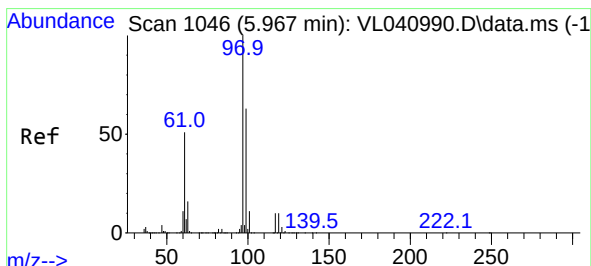
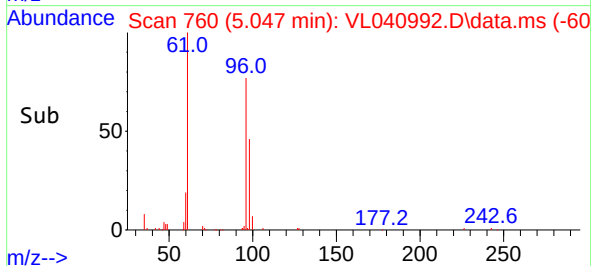
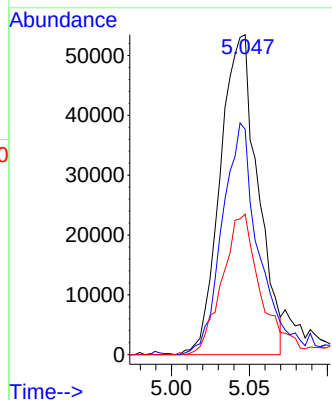
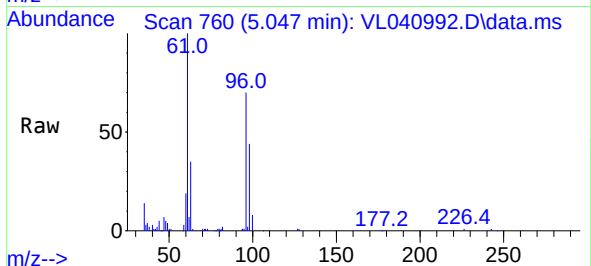




#31
 cis-1,2-Dichloroethene
 Concen: 0.935 ppbv
 RT: 5.047 min Scan# 758
 Delta R.T. 0.006 min
 Lab File: VL040992.D
 Acq: 23 Jan 2024 11:01

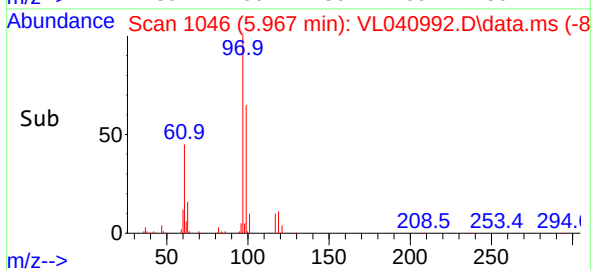
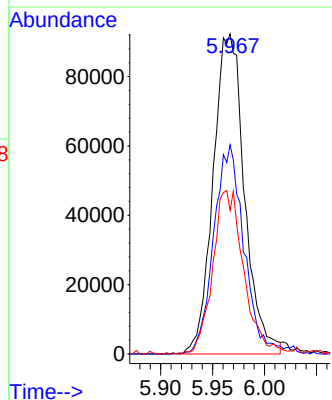
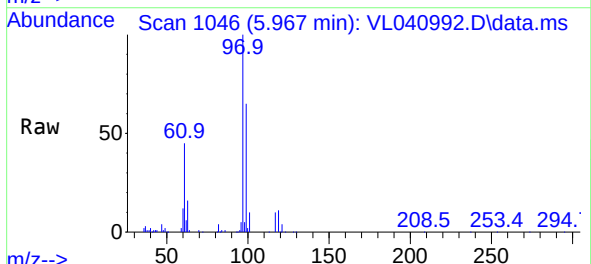
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

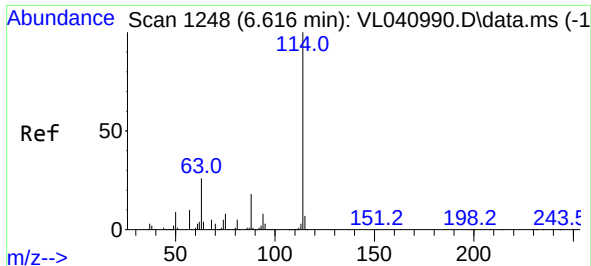
Tgt Ion: 61 Resp: 89525
 Ion Ratio Lower Upper
 61 100
 96 70.5 51.9 77.9
 98 43.3 31.5 47.3



#32
 1,1,1-Trichloroethane
 Concen: 1.116 ppbv
 RT: 5.967 min Scan# 1046
 Delta R.T. 0.000 min
 Lab File: VL040992.D
 Acq: 23 Jan 2024 11:01

Tgt Ion: 97 Resp: 192998
 Ion Ratio Lower Upper
 97 100
 99 63.8 51.5 77.3
 61 51.5 40.3 60.5

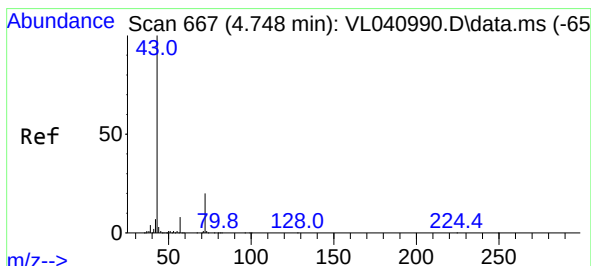
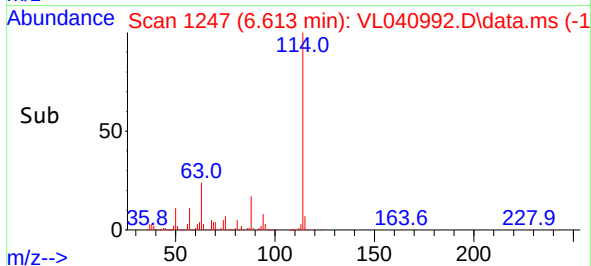
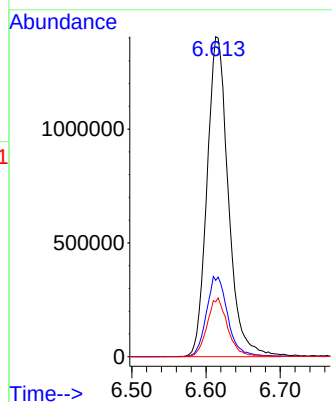
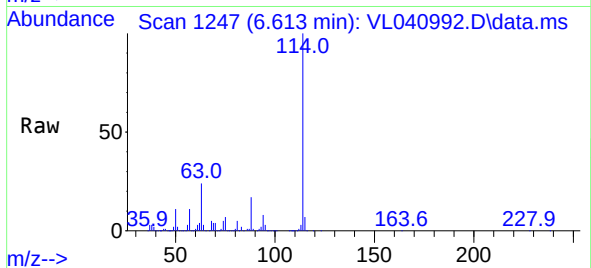




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.613 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

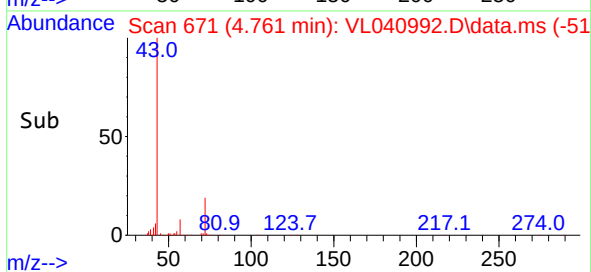
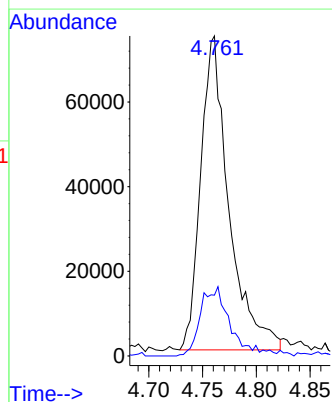
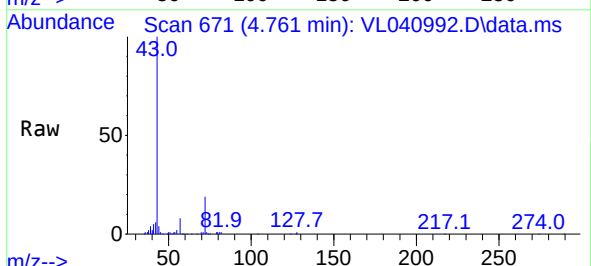
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

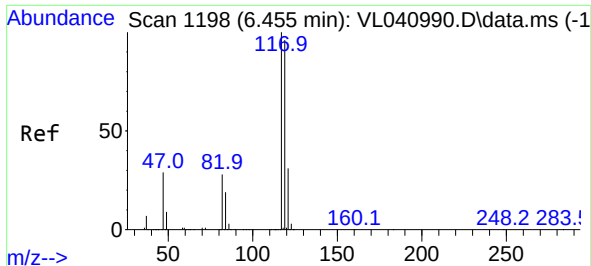
Tgt Ion:114 Resp: 2803519
Ion Ratio Lower Upper
114 100
63 25.3 20.8 31.2
88 17.9 14.3 21.5



#34
2-Butanone
Concen: 1.014 ppbv
RT: 4.761 min Scan# 671
Delta R.T. 0.013 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

Tgt Ion: 43 Resp: 135470
Ion Ratio Lower Upper
43 100
72 23.6 17.5 26.3

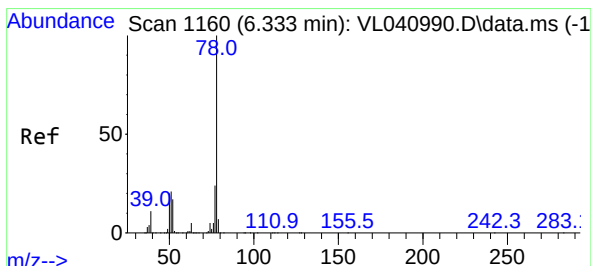
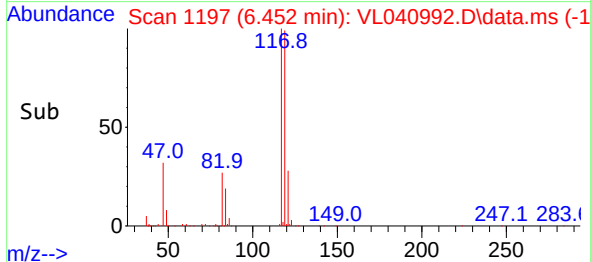
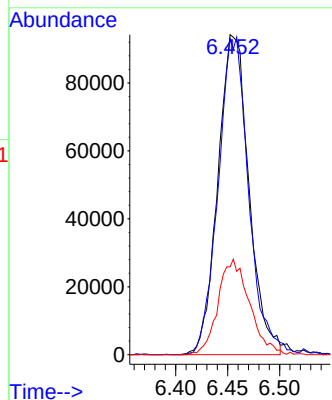
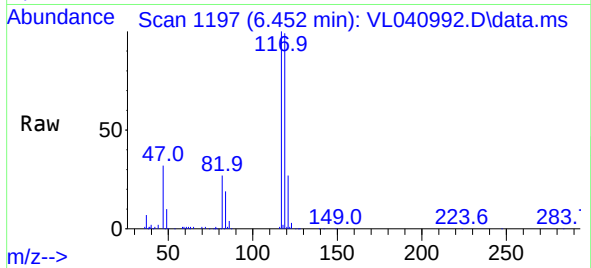




#35
Carbon Tetrachloride
Concen: 1.047 ppbv
RT: 6.452 min Scan# 1198
Delta R.T. -0.003 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

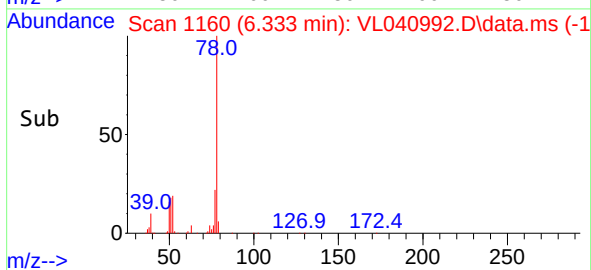
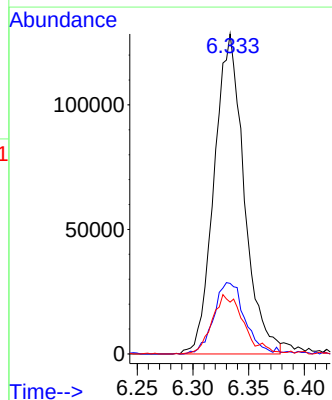
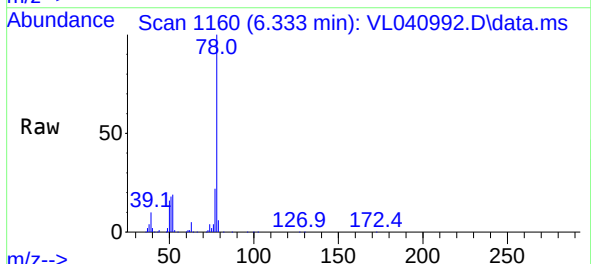
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

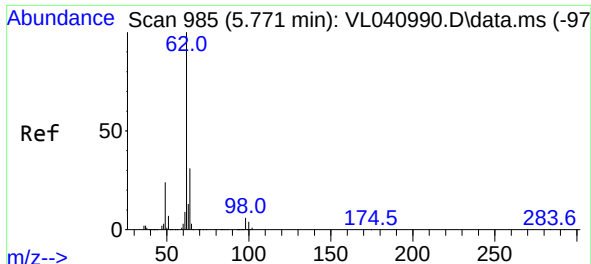
Tgt Ion:117 Resp: 195707
Ion Ratio Lower Upper
117 100
119 98.8 76.9 115.3
121 27.4 24.7 37.1



#36
Benzene
Concen: 1.036 ppbv
RT: 6.333 min Scan# 1160
Delta R.T. 0.000 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

Tgt Ion: 78 Resp: 239834
Ion Ratio Lower Upper
78 100
77 22.0 19.0 28.4
50 16.2 15.8 23.6

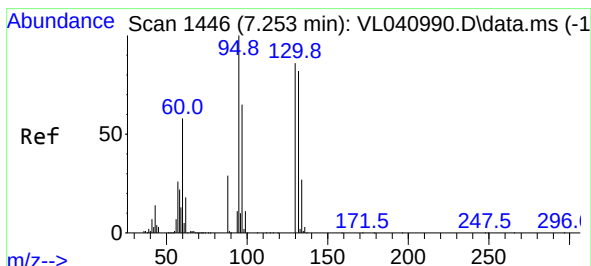
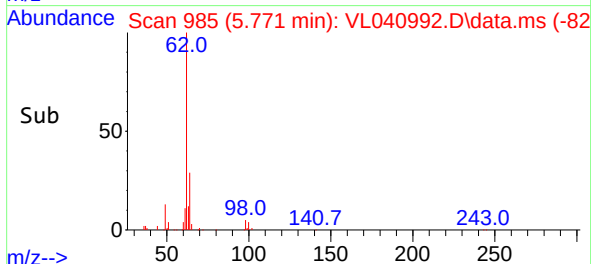
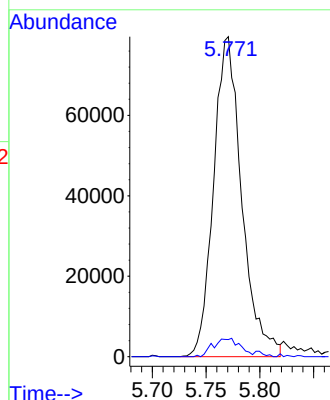
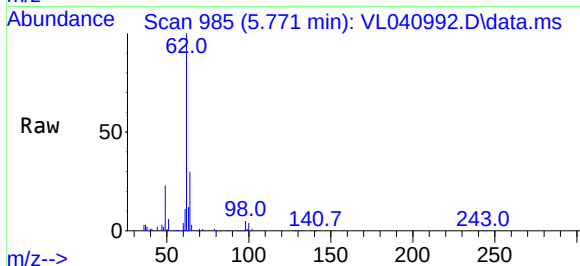




#37
1,2-Dichloroethane
Concen: 1.024 ppbv
RT: 5.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

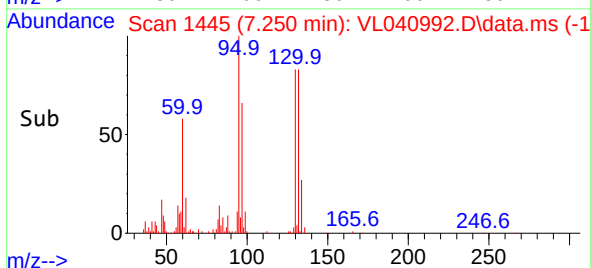
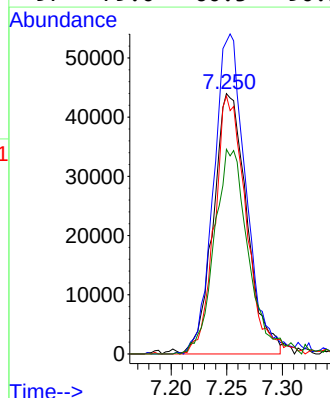
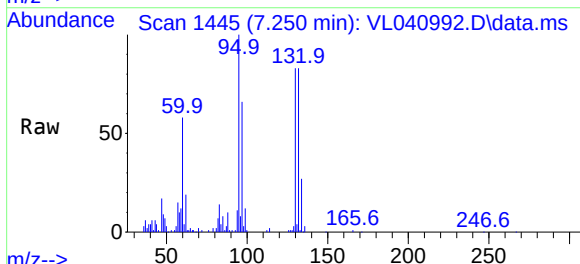
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

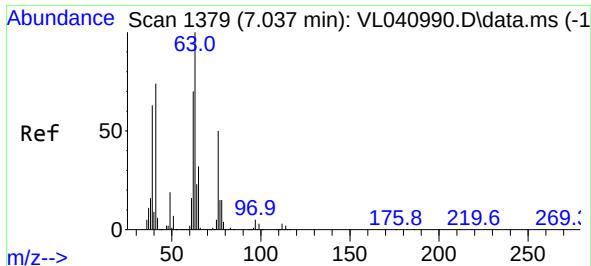
Tgt Ion: 62 Resp: 144640
Ion Ratio Lower Upper
62 100
98 6.3 4.7 7.1



#38
Trichloroethene
Concen: 0.989 ppbv
RT: 7.250 min Scan# 1445
Delta R.T. -0.003 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

Tgt Ion:130 Resp: 91788
Ion Ratio Lower Upper
130 100
95 120.1 92.9 139.3
132 99.5 76.2 114.2
97 79.0 60.3 90.5





#39

1,2-Dichloropropane

Concen: 1.040 ppbv

RT: 7.034 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL040992.D

Acq: 23 Jan 2024 11:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

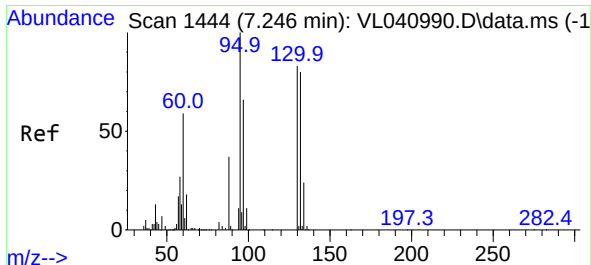
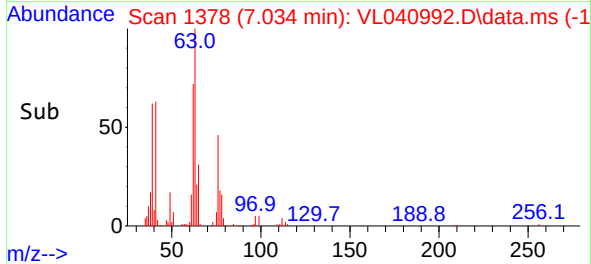
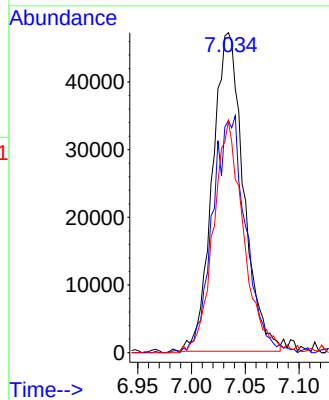
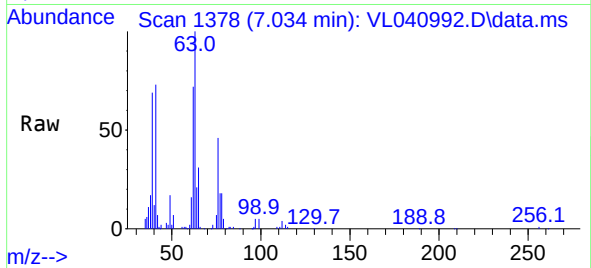
Tgt Ion: 63 Resp: 94863

Ion Ratio Lower Upper

63 100

41 72.9 59.6 89.4

62 72.7 55.6 83.4



#40

1,4-Dioxane

Concen: 0.577 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. 0.026 min

Lab File: VL040992.D

Acq: 23 Jan 2024 11:01

Tgt Ion: 88 Resp: 21841

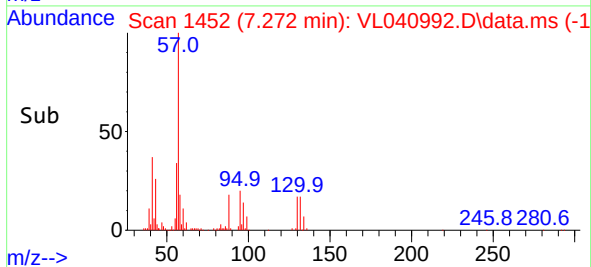
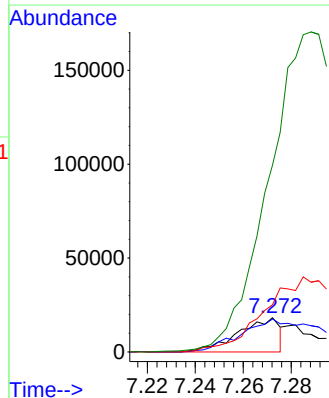
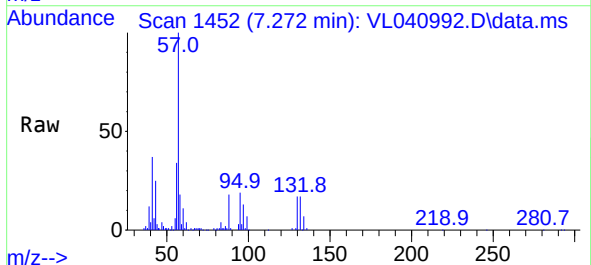
Ion Ratio Lower Upper

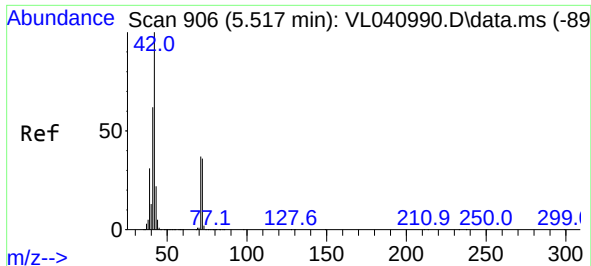
88 100

58 222.7 96.6 144.8#

43 0.0 191.0 286.6#

57 0.0 810.6 1216.0#





#41

Tetrahydrofuran

Concen: 0.929 ppbv

RT: 5.536 min Scan# 912

Delta R.T. 0.019 min

Lab File: VL040992.D

Acq: 23 Jan 2024 11:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

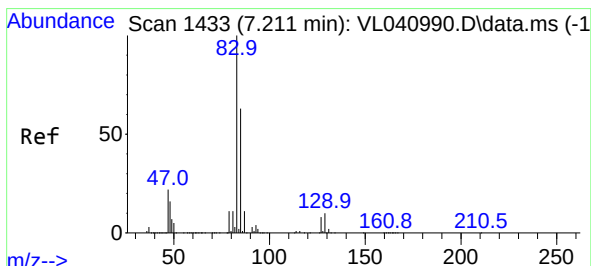
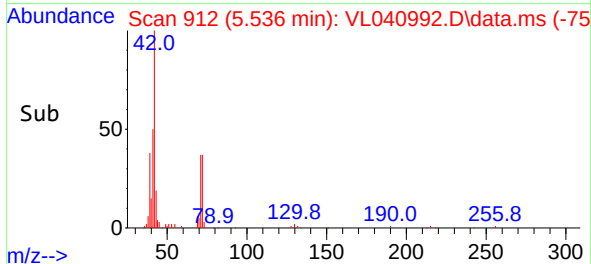
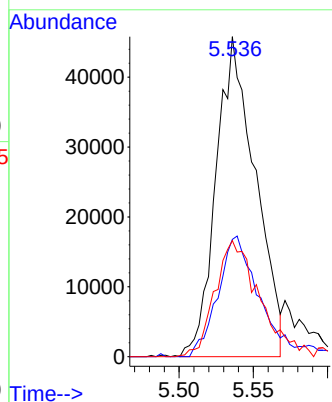
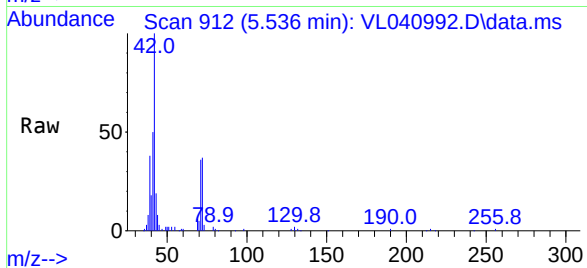
Tgt Ion: 42 Resp: 84224

Ion Ratio Lower Upper

42 100

72 42.8 30.0 45.0

71 43.4 29.5 44.3



#42

Bromodichloromethane

Concen: 1.014 ppbv

RT: 7.211 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VL040992.D

Acq: 23 Jan 2024 11:01

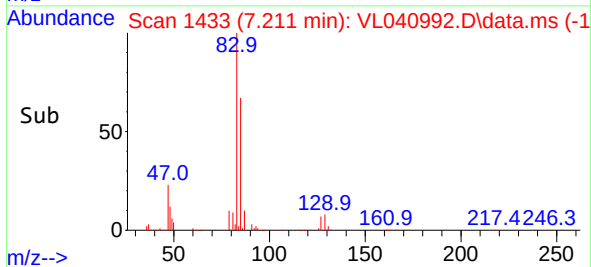
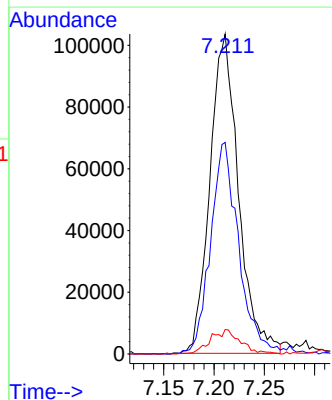
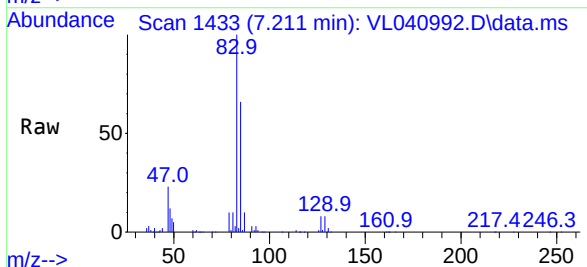
Tgt Ion: 83 Resp: 204971

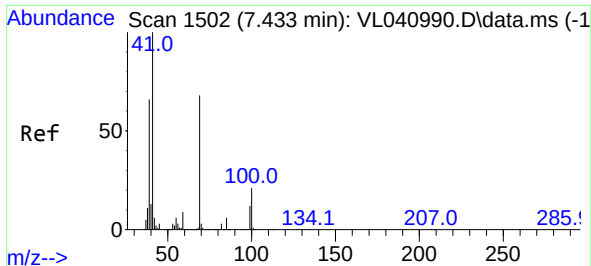
Ion Ratio Lower Upper

83 100

85 66.0 50.5 75.7

127 7.7 6.4 9.6





#43

Methyl Methacrylate

Concen: 0.961 ppbv

RT: 7.439 min Scan# 1

Delta R.T. 0.006 min

Lab File: VL040992.D

Acq: 23 Jan 2024 11:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

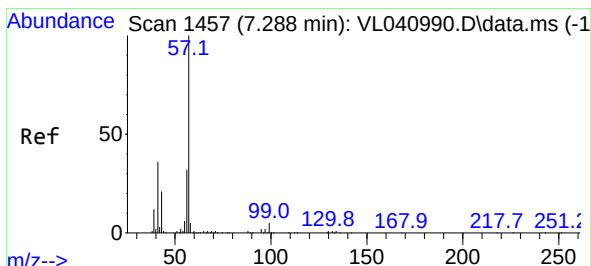
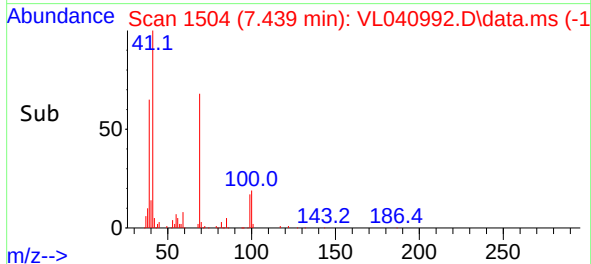
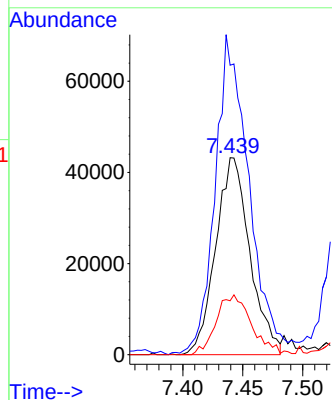
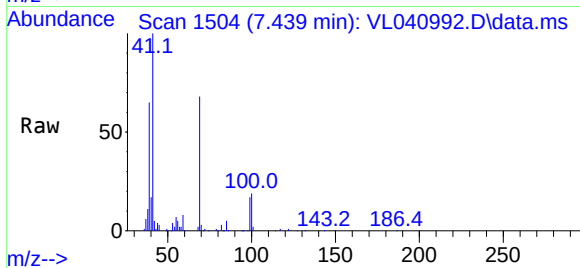
Tgt Ion: 69 Resp: 85896

Ion Ratio Lower Upper

69 100

41 158.2 120.2 180.2

100 32.1 24.6 36.8



#44

2,2,4-Trimethylpentane

Concen: 1.066 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VL040992.D

Acq: 23 Jan 2024 11:01

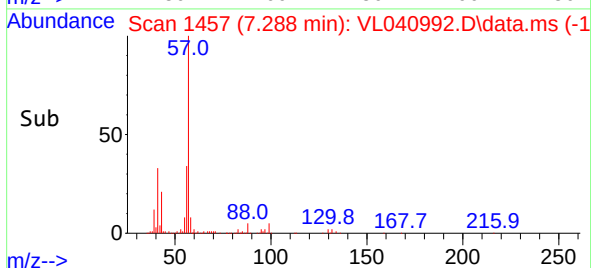
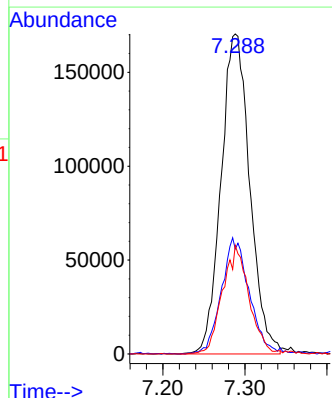
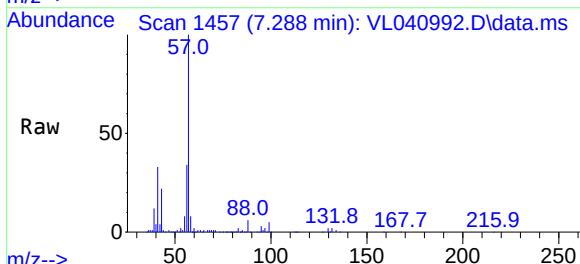
Tgt Ion: 57 Resp: 415145

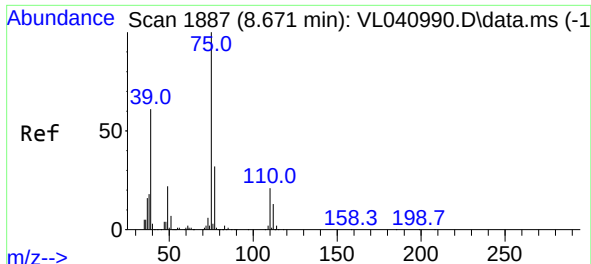
Ion Ratio Lower Upper

57 100

41 35.8 28.6 43.0

56 31.9 25.2 37.8

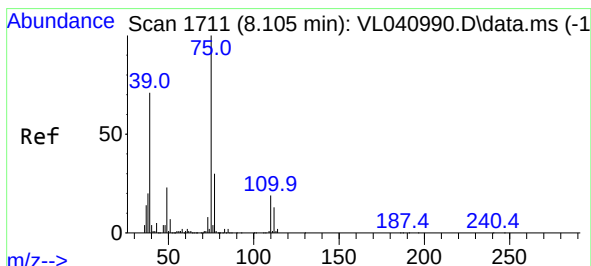
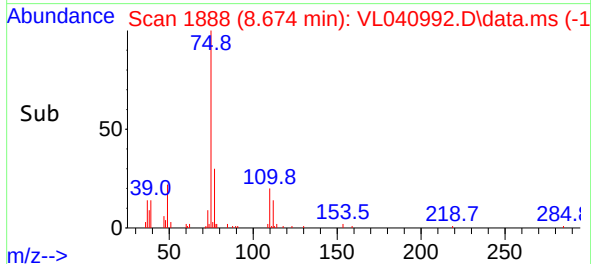
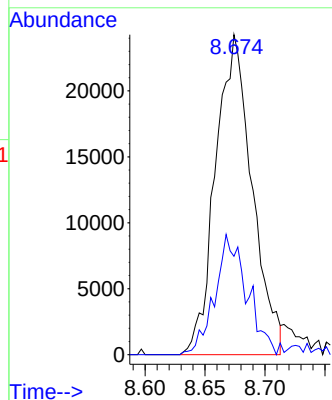
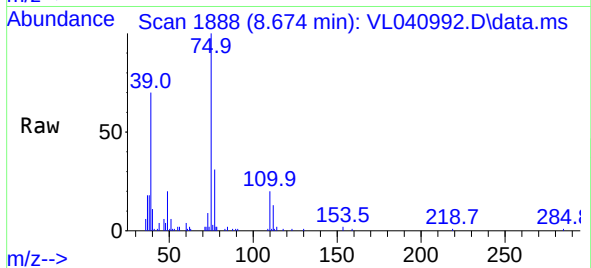




#45
 t-1,3-Dichloropropene
 Concen: 0.841 ppbv
 RT: 8.674 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VL040992.D
 Acq: 23 Jan 2024 11:01

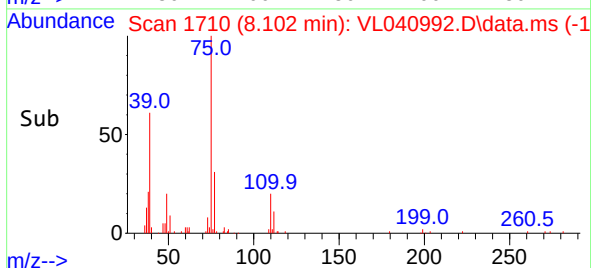
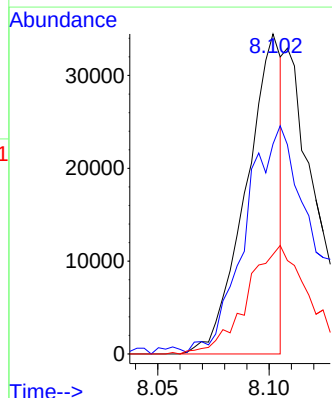
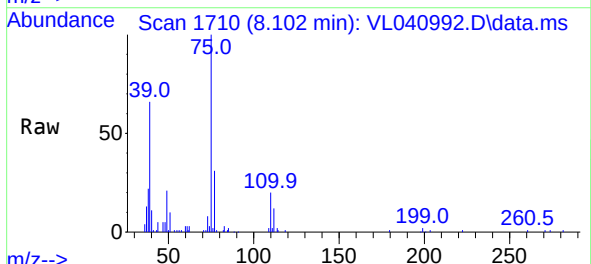
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

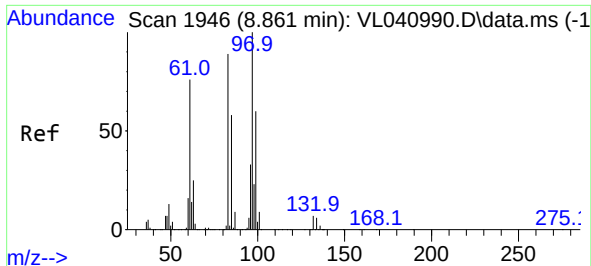
Tgt Ion: 75 Resp: 51347
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.3 37.9



#46
 cis-1,3-Dichloropropene
 Concen: 0.501 ppbv
 RT: 8.102 min Scan# 1710
 Delta R.T. -0.003 min
 Lab File: VL040992.D
 Acq: 23 Jan 2024 11:01

Tgt Ion: 75 Resp: 38160
 Ion Ratio Lower Upper
 75 100
 39 64.2 57.3 85.9
 77 31.1 24.3 36.5





#47

1,1,2-Trichloroethane

Concen: 1.047 ppbv

RT: 8.854 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VL040992.D

Acq: 23 Jan 2024 11:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 102940

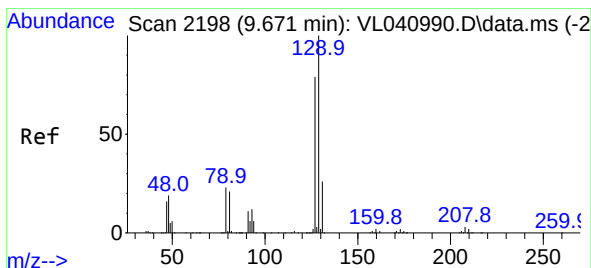
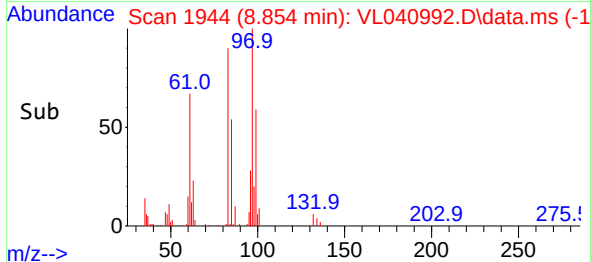
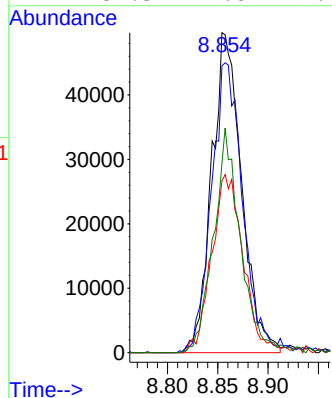
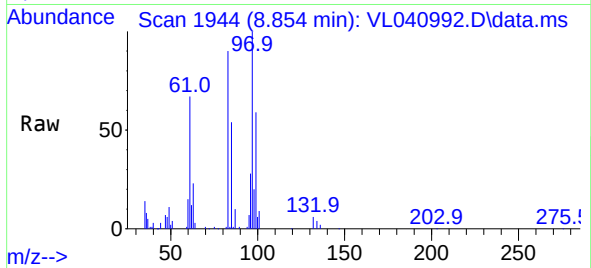
Ion Ratio Lower Upper

97 100

83 89.0 71.5 107.3

85 53.7 46.1 69.1

99 59.3 47.8 71.8



#48

Dibromochloromethane

Concen: 0.969 ppbv

RT: 9.668 min Scan# 2197

Delta R.T. -0.003 min

Lab File: VL040992.D

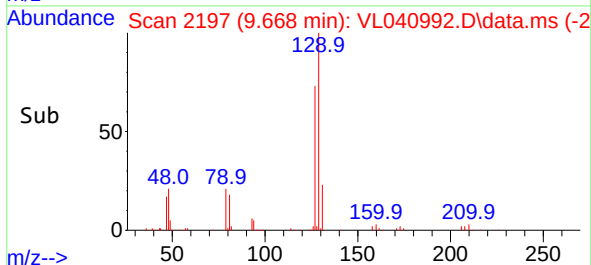
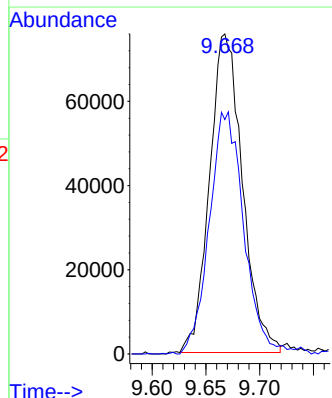
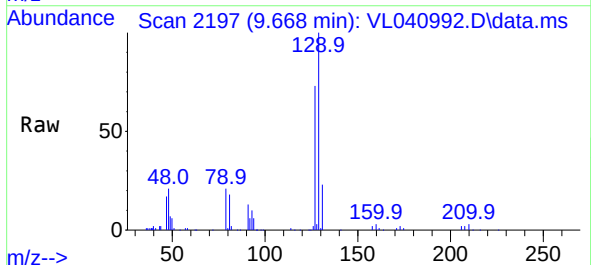
Acq: 23 Jan 2024 11:01

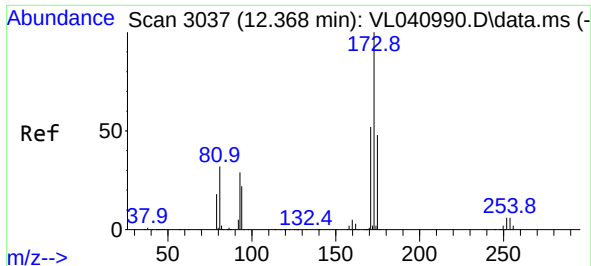
Tgt Ion: 129 Resp: 161107

Ion Ratio Lower Upper

129 100

127 80.1 39.6 119.0

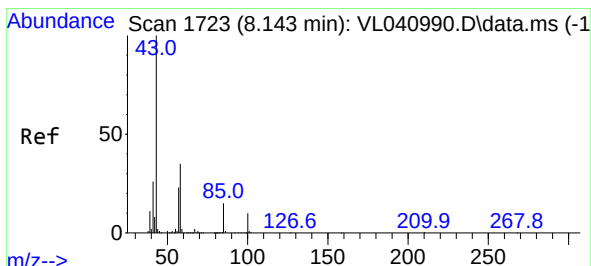
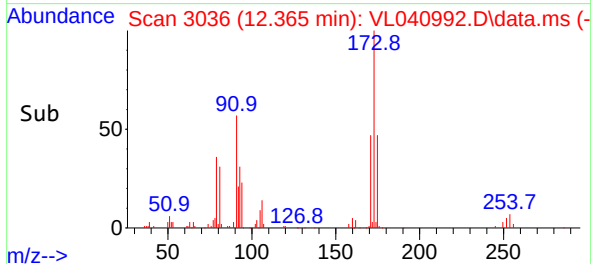
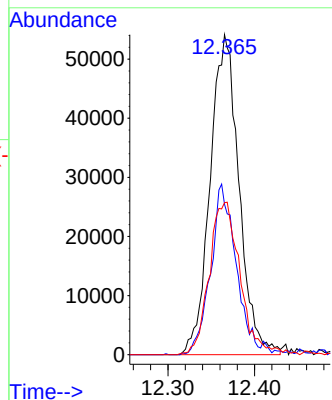
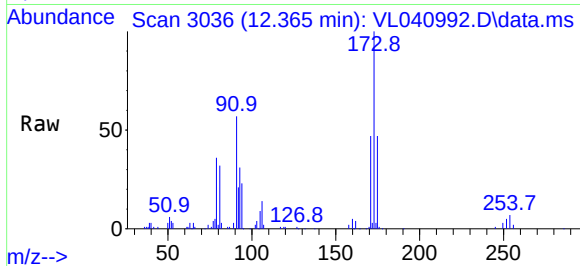




#49
Bromoform
Concen: 0.962 ppbv
RT: 12.365 min Scan# 3037
Delta R.T. -0.003 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

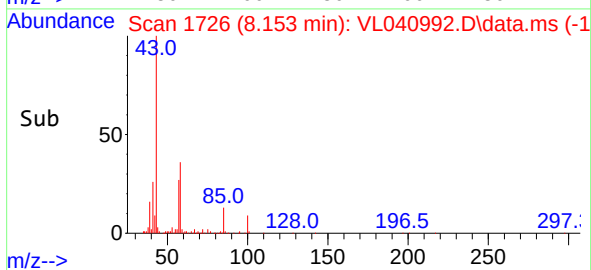
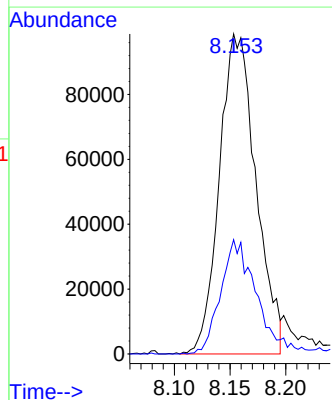
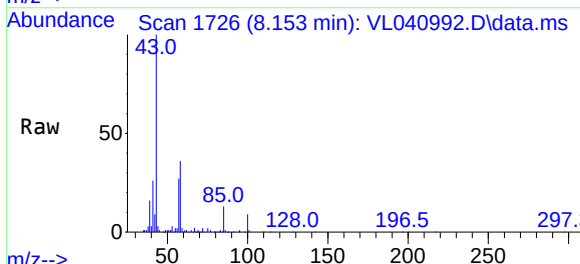
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

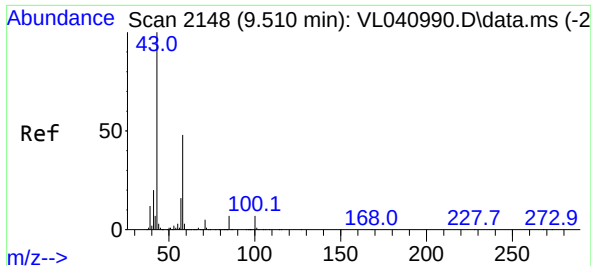
Tgt Ion:173 Resp: 125479
Ion Ratio Lower Upper
173 100
175 47.8 39.0 58.4
171 50.8 42.0 63.0



#50
4-Methyl-2-Pentanone
Concen: 0.958 ppbv
RT: 8.153 min Scan# 1726
Delta R.T. 0.010 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

Tgt Ion: 43 Resp: 225361
Ion Ratio Lower Upper
43 100
58 36.2 27.8 41.8

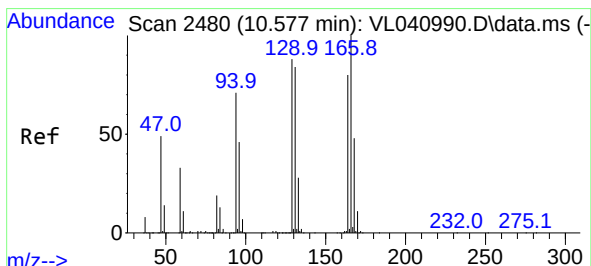
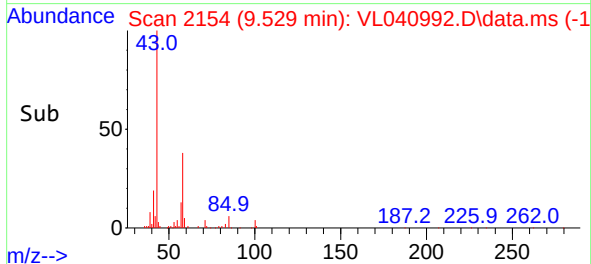
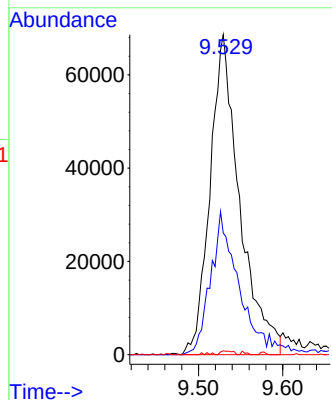
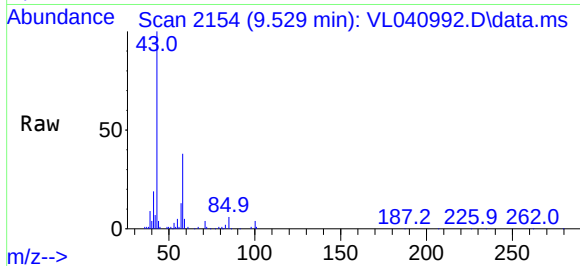




#51
2-Hexanone
Concen: 0.989 ppbv
RT: 9.529 min Scan# 2148
Delta R.T. 0.019 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

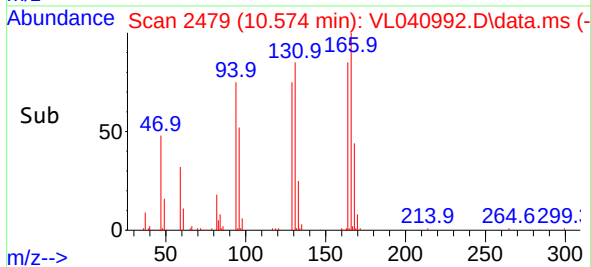
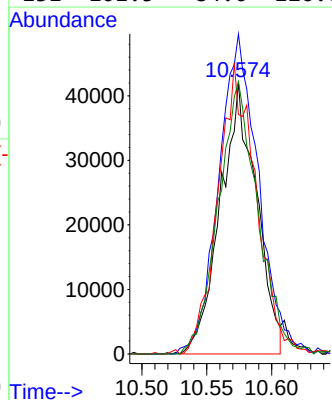
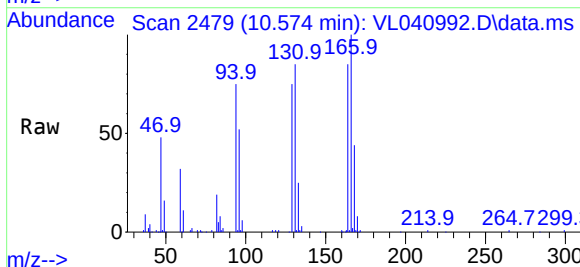
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

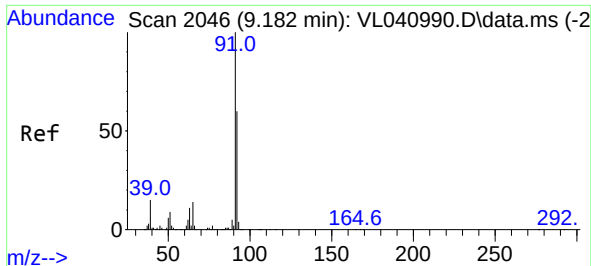
Tgt Ion: 43 Resp: 167737
Ion Ratio Lower Upper
43 100
58 44.3 36.8 55.2
98 0.8 0.3 0.5



#52
Tetrachloroethene
Concen: 1.055 ppbv
RT: 10.574 min Scan# 2479
Delta R.T. -0.003 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

Tgt Ion: 164 Resp: 81107
Ion Ratio Lower Upper
164 100
166 115.5 100.2 150.2
129 88.0 87.9 131.9
131 101.5 84.0 126.0

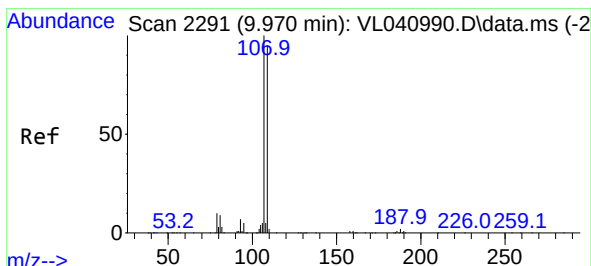
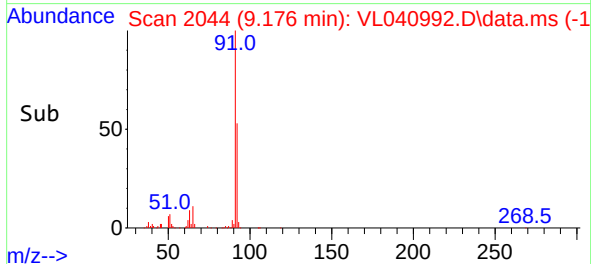
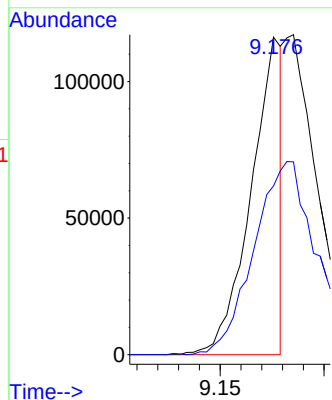
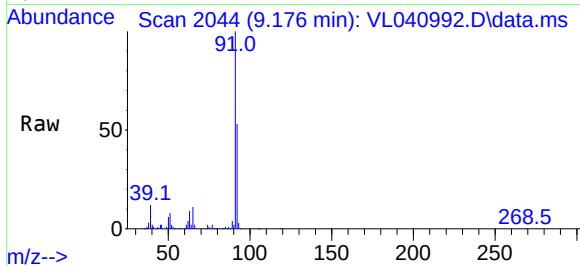




#53
Toluene
Concen: 0.471 ppbv
RT: 9.176 min Scan# 2044
Delta R.T. -0.006 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

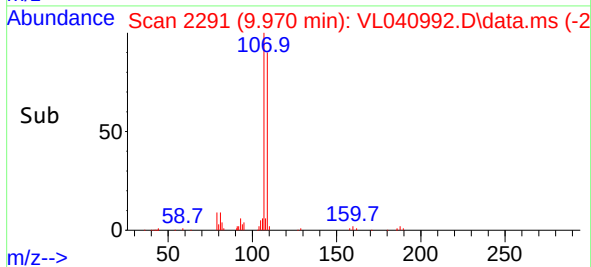
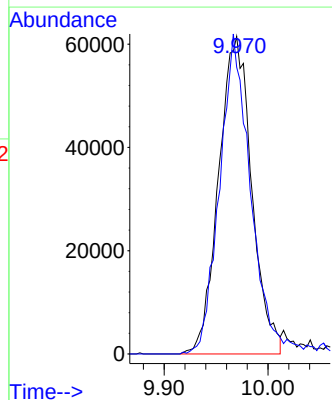
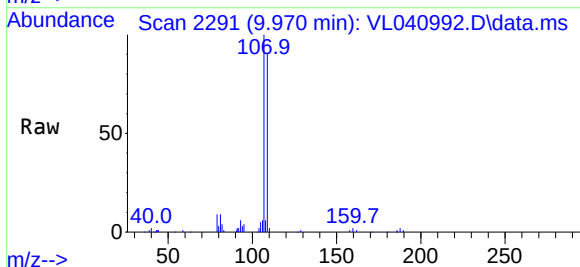
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

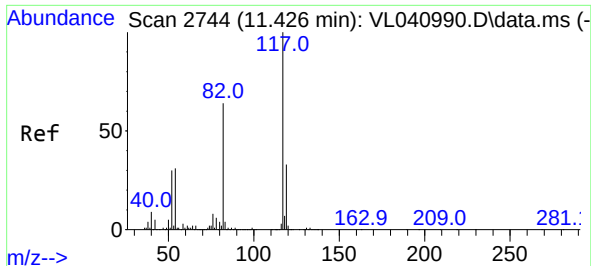
Tgt Ion: 91 Resp: 119380
Ion Ratio Lower Upper
91 100
92 0.0 48.6 72.8#



#54
1,2-Dibromoethane
Concen: 1.020 ppbv
RT: 9.970 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

Tgt Ion: 107 Resp: 135796
Ion Ratio Lower Upper
107 100
109 90.3 76.1 114.1

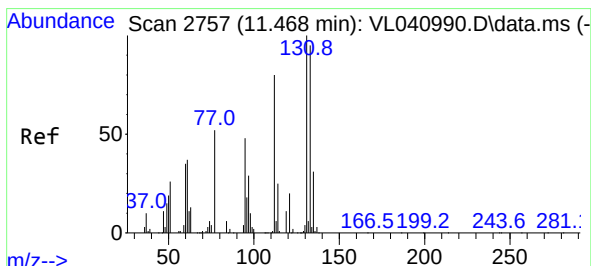
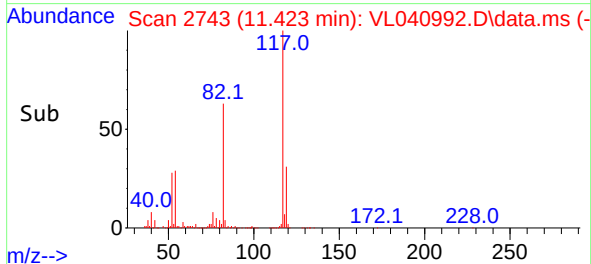
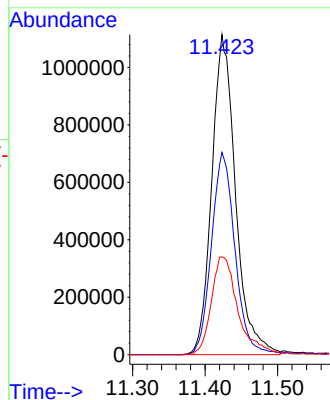
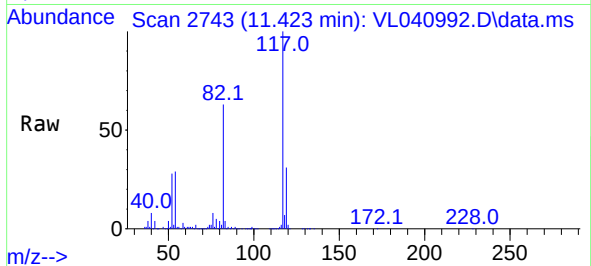




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.423 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

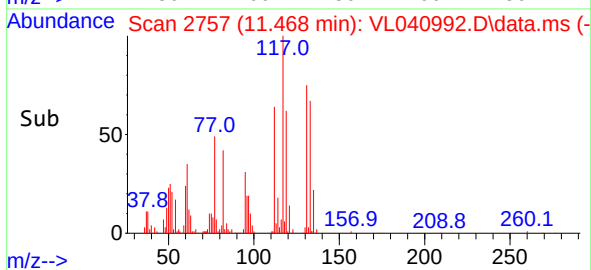
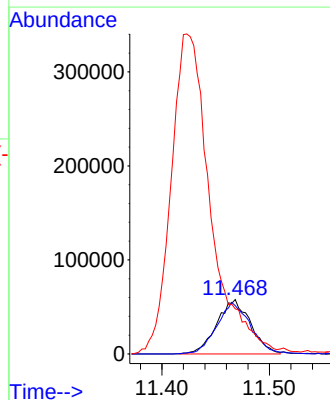
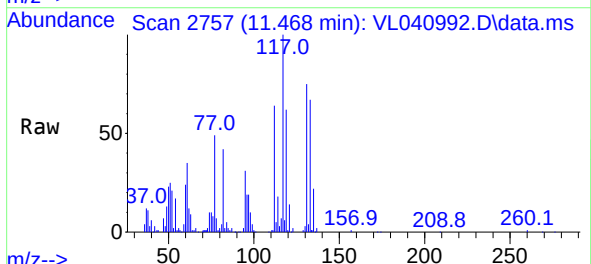
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

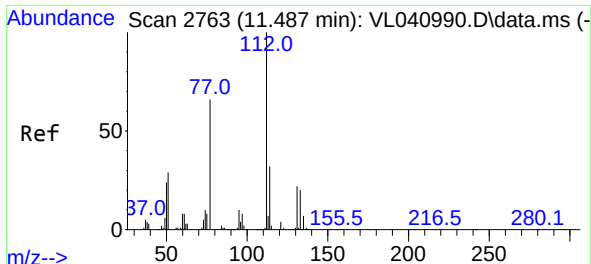
Tgt Ion:117 Resp: 2535465
Ion Ratio Lower Upper
117 100
82 63.6 51.7 77.5
119 34.5 23.8 35.6



#56
1,1,1,2-Tetrachloroethane
Concen: 1.036 ppbv
RT: 11.468 min Scan# 2757
Delta R.T. 0.000 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

Tgt Ion:131 Resp: 126011
Ion Ratio Lower Upper
131 100
133 95.1 75.9 113.9
119 696.5 49.2 73.8#

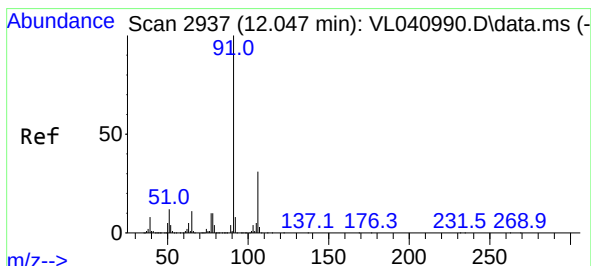
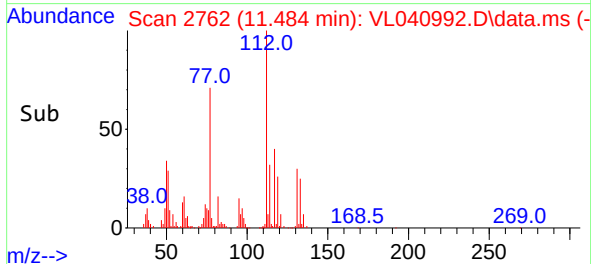
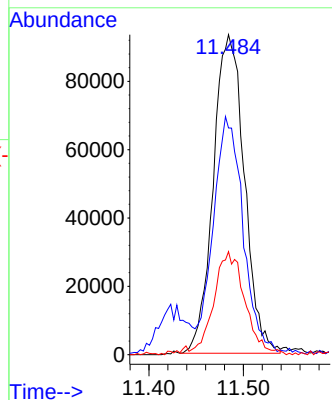
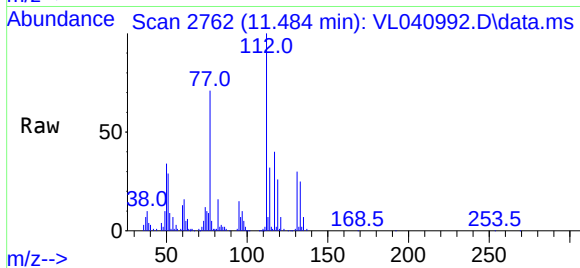




#57
Chlorobenzene
Concen: 1.043 ppbv
RT: 11.484 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

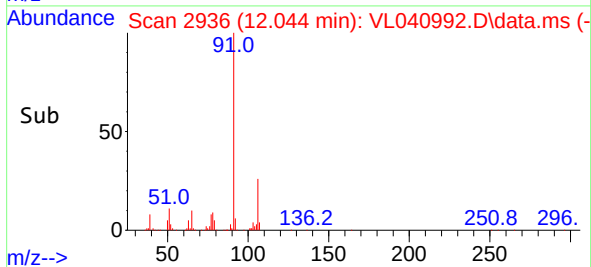
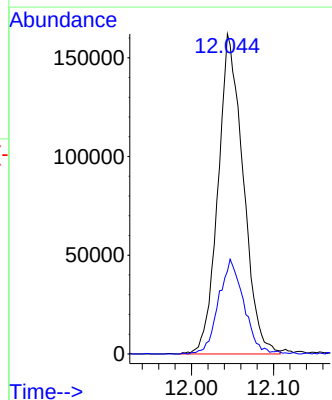
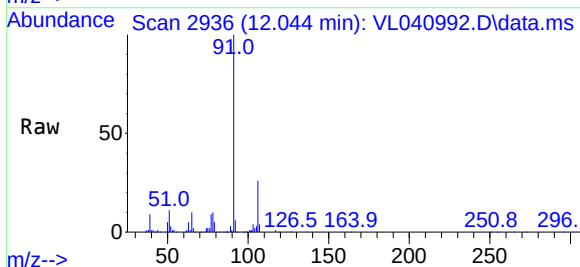
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

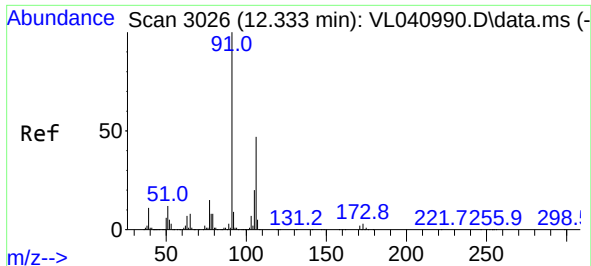
Tgt Ion:112 Resp: 212779
Ion Ratio Lower Upper
112 100
77 69.7 53.4 80.0
114 31.7 29.1 35.5



#58
Ethyl Benzene
Concen: 1.016 ppbv
RT: 12.044 min Scan# 2936
Delta R.T. -0.003 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

Tgt Ion: 91 Resp: 345939
Ion Ratio Lower Upper
91 100
106 25.8 24.8 37.2





#59

m/p-Xylene

Concen: 0.808 ppbv

RT: 12.336 min Scan# 3026

Delta R.T. 0.003 min

Lab File: VL040992.D

Acq: 23 Jan 2024 11:01

Instrument :

MSVOA_L

ClientSampleId :

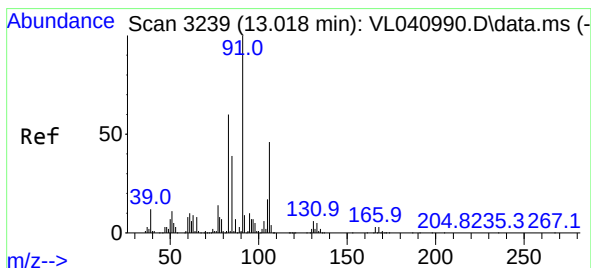
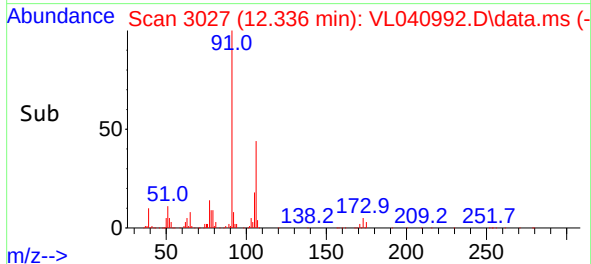
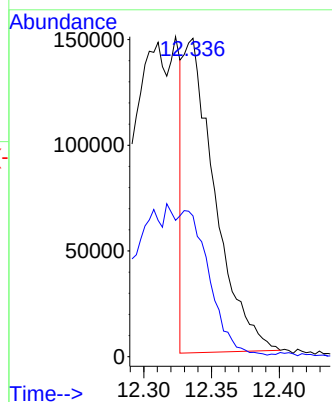
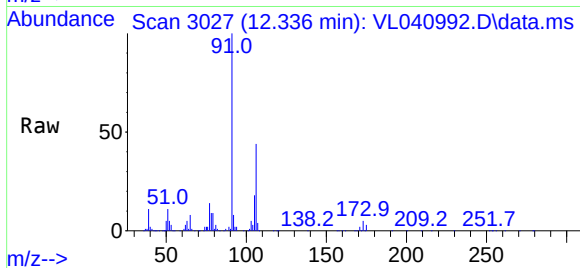
VSTDIC001

Tgt Ion: 91 Resp: 239937

Ion Ratio Lower Upper

91 100

106 0.0 34.9 52.3#



#60

o-Xylene

Concen: 0.506 ppbv

RT: 13.012 min Scan# 3237

Delta R.T. -0.006 min

Lab File: VL040992.D

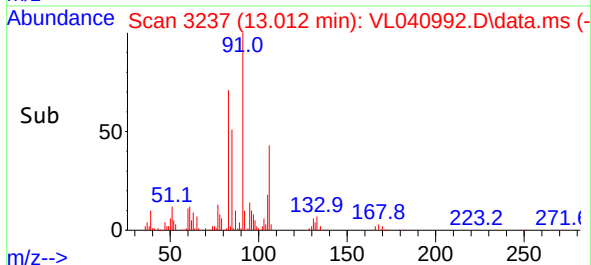
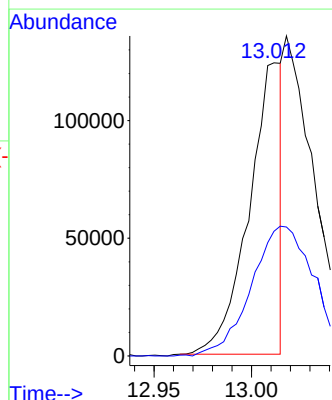
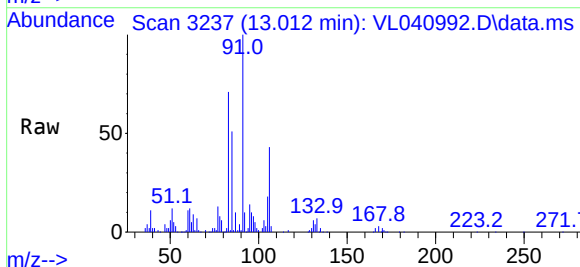
Acq: 23 Jan 2024 11:01

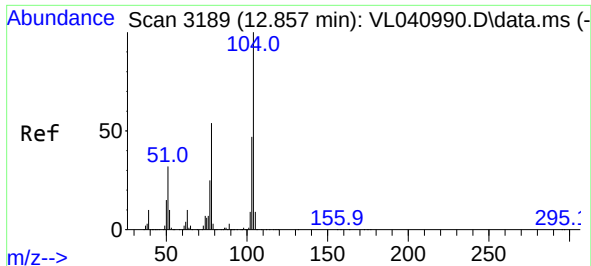
Tgt Ion: 91 Resp: 144185

Ion Ratio Lower Upper

91 100

106 89.8 22.6 67.7#

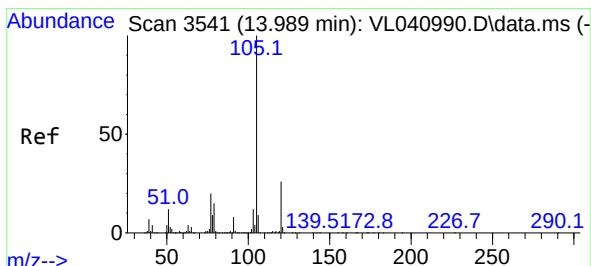
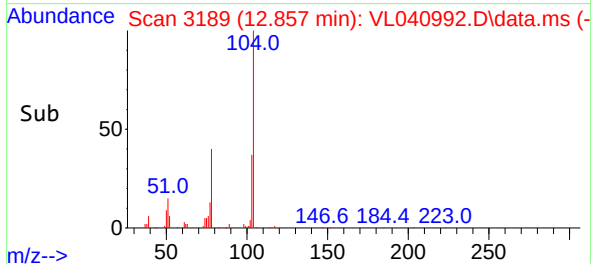
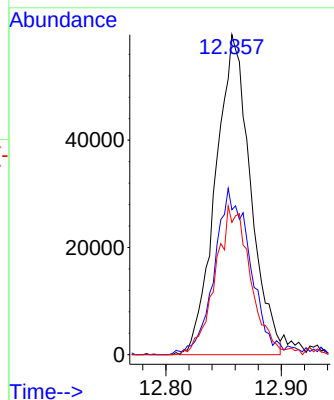
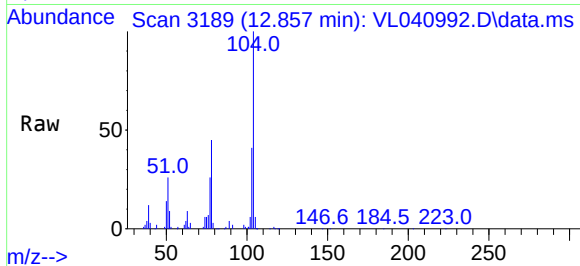




#61
Styrene
Concen: 0.955 ppbv
RT: 12.857 min Scan# 3189
Delta R.T. 0.000 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

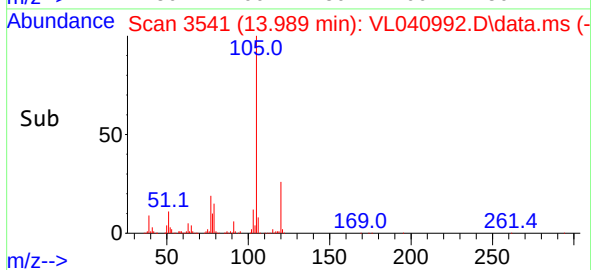
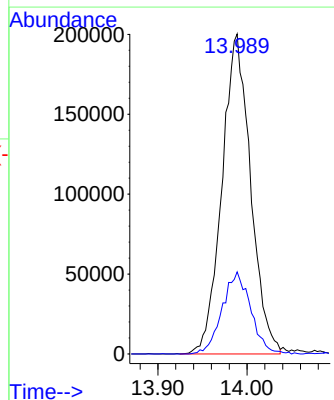
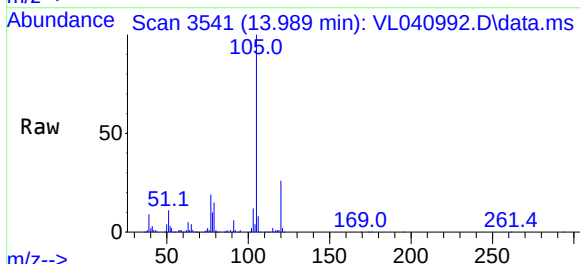
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

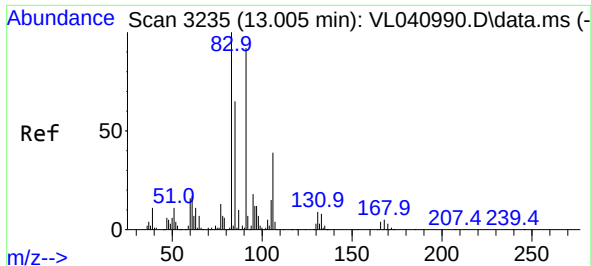
Tgt Ion:104 Resp: 124913
Ion Ratio Lower Upper
104 100
78 55.0 42.7 64.1
103 48.3 37.6 56.4



#62
Isopropylbenzene
Concen: 1.062 ppbv
RT: 13.989 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

Tgt Ion:105 Resp: 447400
Ion Ratio Lower Upper
105 100
120 25.6 20.9 31.3

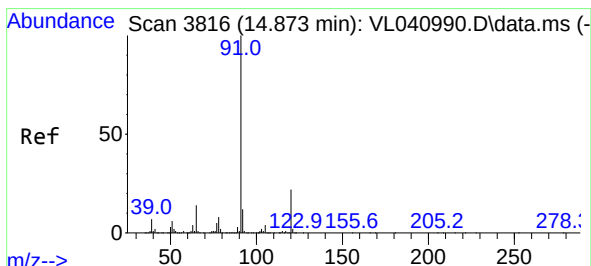
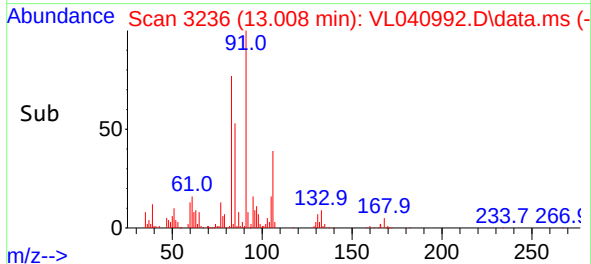
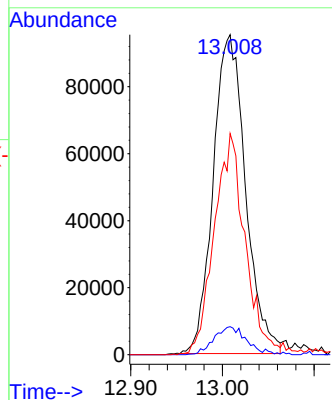
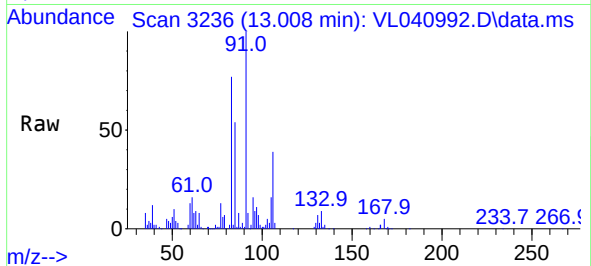




#63
1,1,2,2-Tetrachloroethane
Concen: 1.054 ppbv
RT: 13.008 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

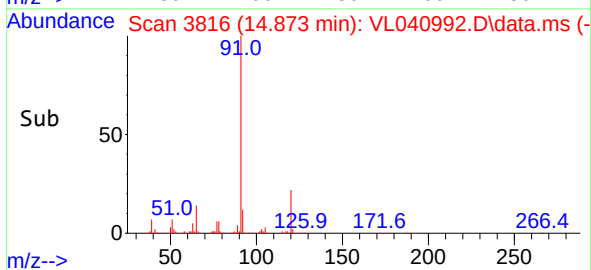
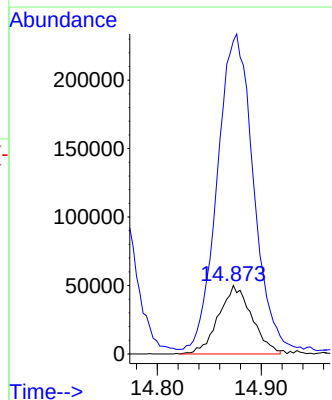
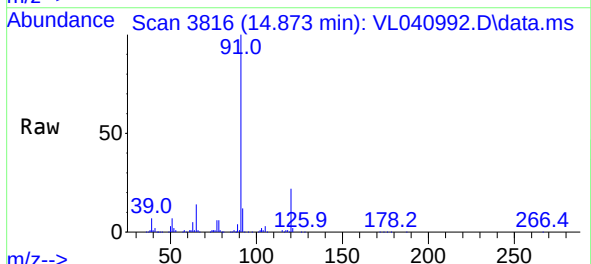
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

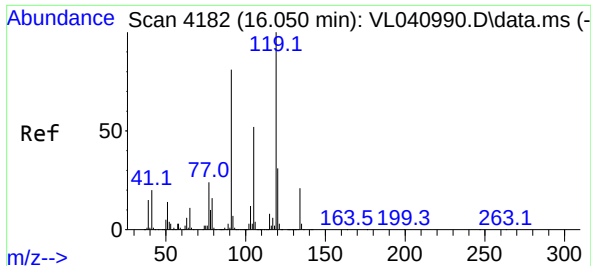
Tgt Ion: 83 Resp: 233412
Ion Ratio Lower Upper
83 100
131 9.0 4.6 13.8
85 66.7 33.0 99.0



#64
n-propylbenzene
Concen: 1.042 ppbv
RT: 14.873 min Scan# 3816
Delta R.T. 0.000 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

Tgt Ion:120 Resp: 110834
Ion Ratio Lower Upper
120 100
91 521.0 390.6 585.8

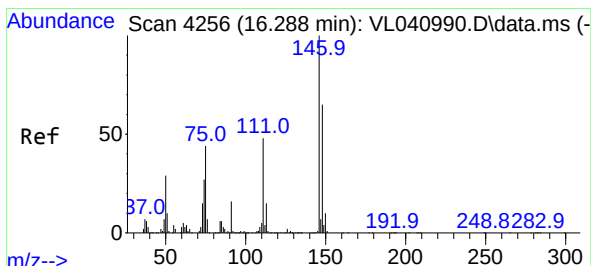
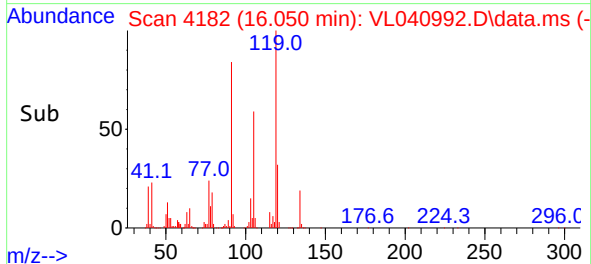
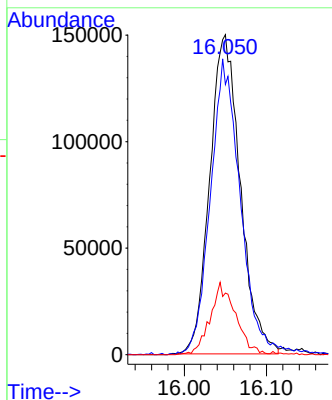
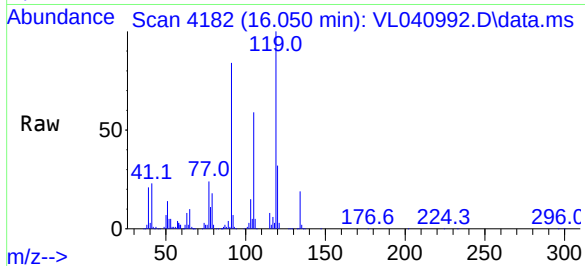




#65
tert-Butylbenzene
Concen: 1.055 ppbv
RT: 16.050 min Scan# 4182
Delta R.T. 0.000 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

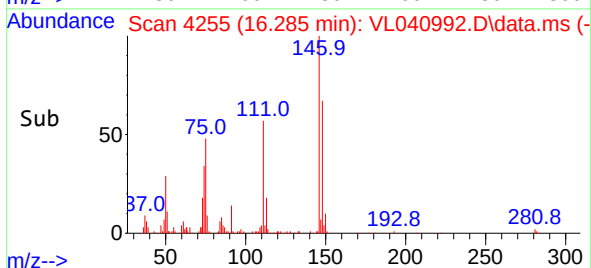
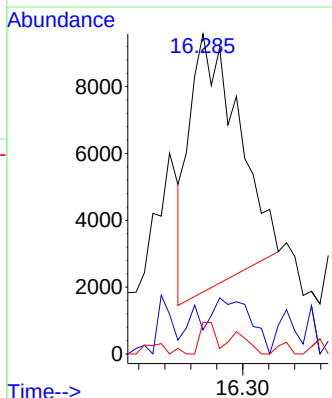
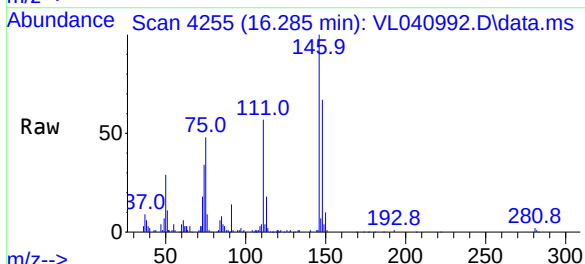
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

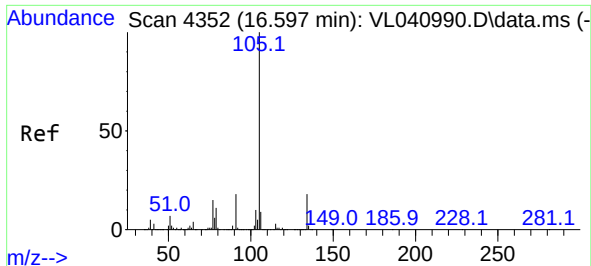
Tgt Ion:119 Resp: 388194
Ion Ratio Lower Upper
119 100
91 91.5 67.6 101.4
134 19.3 16.1 24.1



#66
Benzyl Chloride
Concen: 0.412 ppbv
RT: 16.285 min Scan# 4255
Delta R.T. -0.003 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

Tgt Ion: 91 Resp: 9926
Ion Ratio Lower Upper
91 100
126 0.0 13.6 20.4#
128 11.8 4.2 6.2#

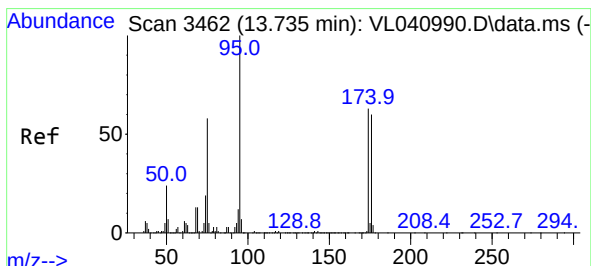
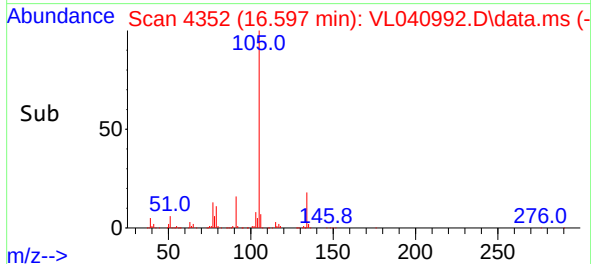
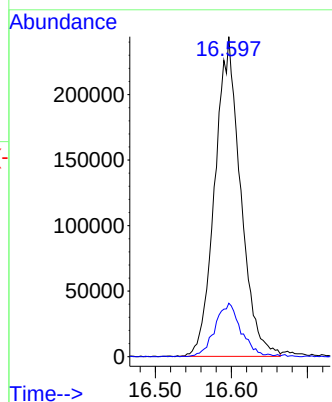
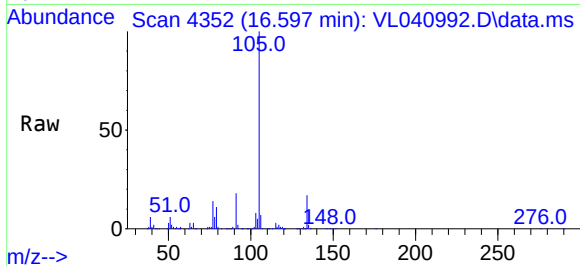




#67
sec-Butylbenzene
Concen: 1.067 ppbv
RT: 16.597 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

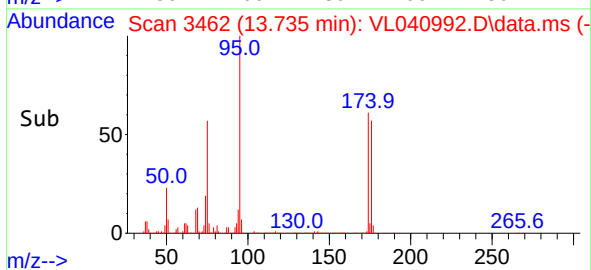
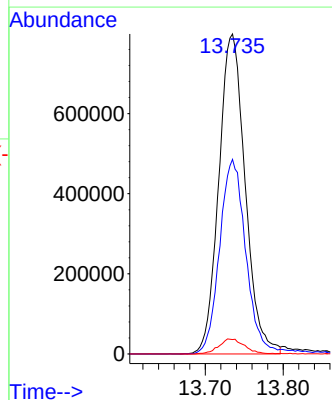
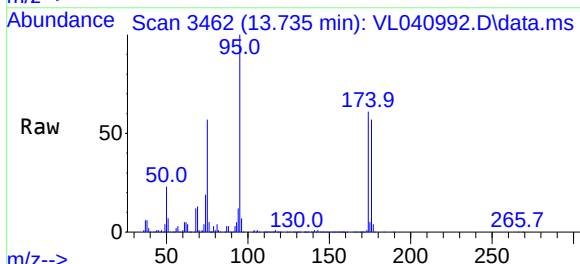
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

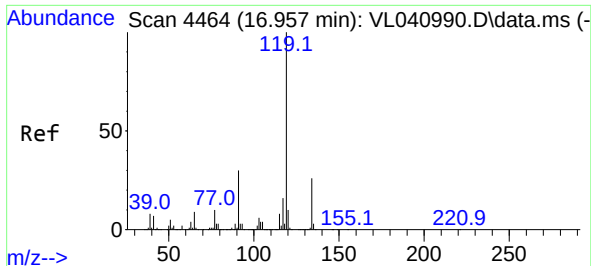
Tgt Ion:105 Resp: 572022
Ion Ratio Lower Upper
105 100
134 17.4 14.2 21.4



#68
1-Bromo-4-Fluorobenzene
Concen: 9.809 ppbv
RT: 13.735 min Scan# 3462
Delta R.T. 0.000 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

Tgt Ion: 95 Resp: 1878448
Ion Ratio Lower Upper
95 100
174 61.5 49.1 73.7
175 4.7 3.7 5.5





#69

p-Isopropyltoluene

Concen: 1.051 ppbv

RT: 16.957 min Scan# 4464

Delta R.T. 0.000 min

Lab File: VL040992.D

Acq: 23 Jan 2024 11:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

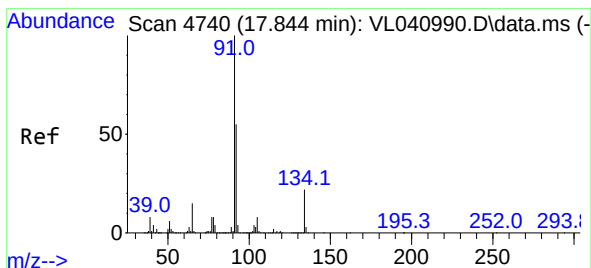
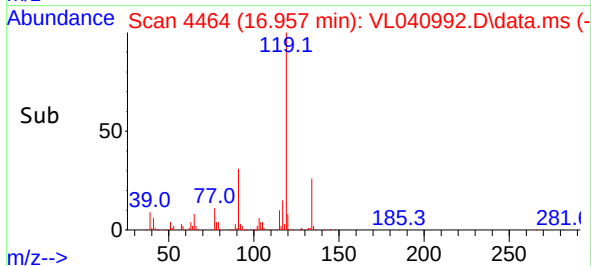
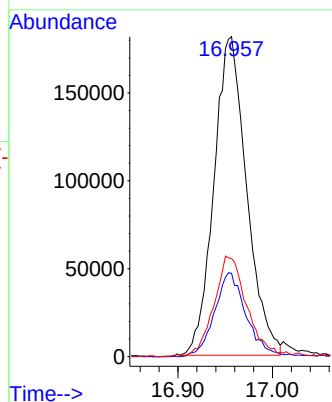
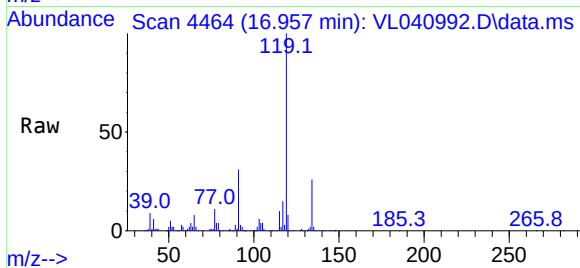
Tgt Ion:119 Resp: 436446

Ion Ratio Lower Upper

119 100

134 25.9 20.6 30.8

91 32.5 24.5 36.7



#70

n-Butylbenzene

Concen: 1.024 ppbv

RT: 17.851 min Scan# 4742

Delta R.T. 0.006 min

Lab File: VL040992.D

Acq: 23 Jan 2024 11:01

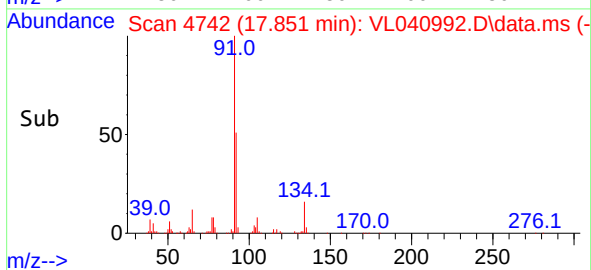
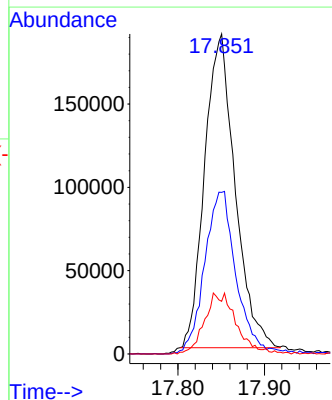
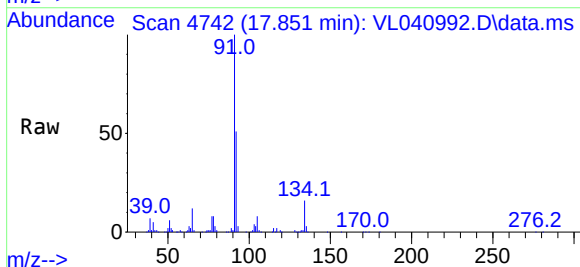
Tgt Ion: 91 Resp: 459270

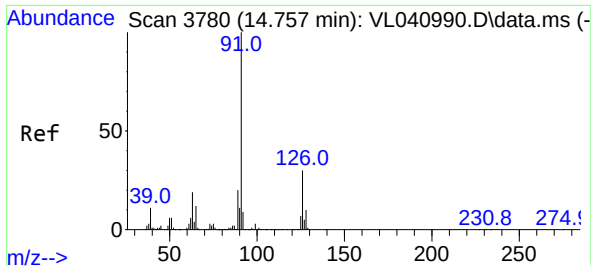
Ion Ratio Lower Upper

91 100

92 54.1 43.4 65.0

134 20.5 17.4 26.0

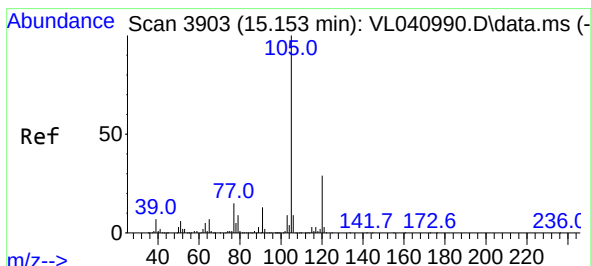
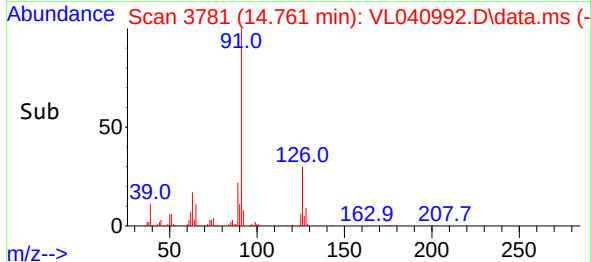
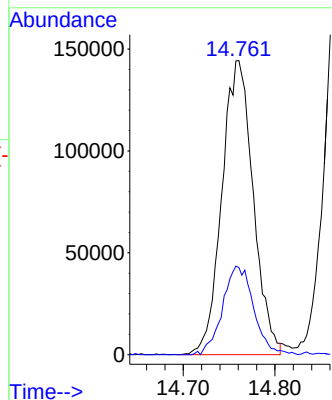
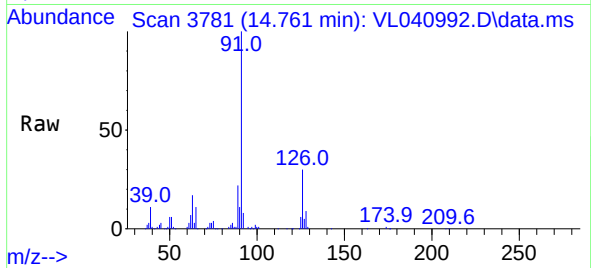




#71
2-Chlorotoluene
Concen: 1.054 ppbv
RT: 14.761 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

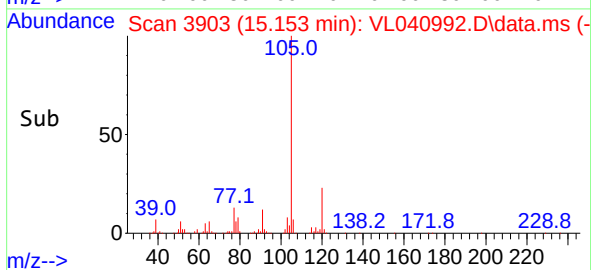
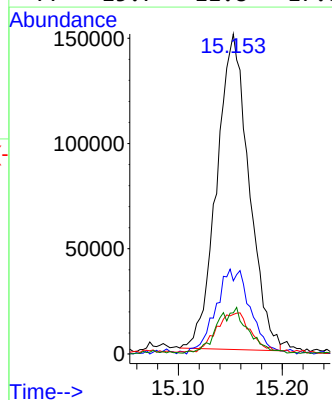
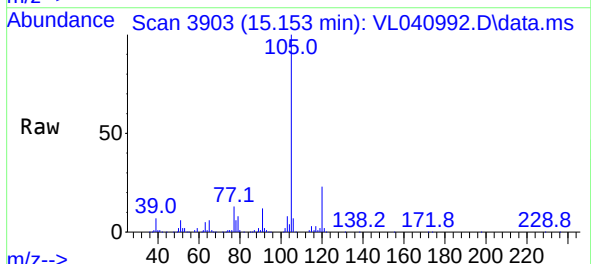
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

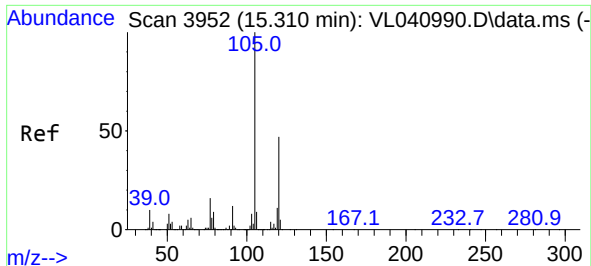
Tgt Ion: 91 Resp: 342566
Ion Ratio Lower Upper
91 100
126 30.3 12.3 49.1



#72
4-Ethyltoluene
Concen: 1.017 ppbv
RT: 15.153 min Scan# 3903
Delta R.T. 0.000 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

Tgt Ion:105 Resp: 323511
Ion Ratio Lower Upper
105 100
120 30.5 24.3 36.5
91 14.7 11.0 16.4
77 15.7 11.8 17.8

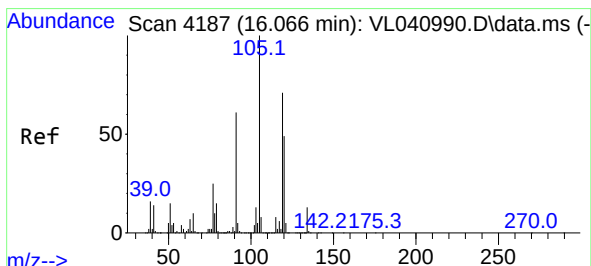
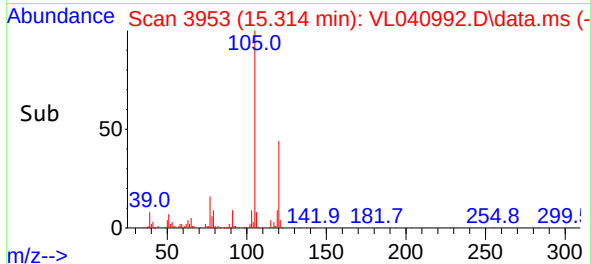
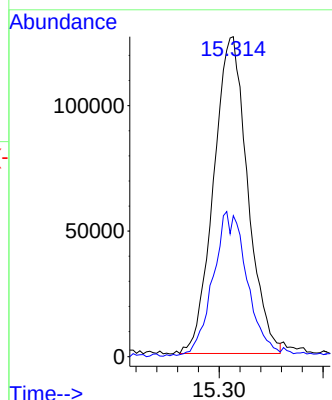
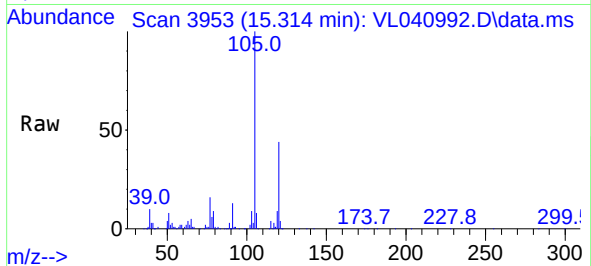




#73
1,3,5-Trimethylbenzene
Concen: 1.016 ppbv
RT: 15.314 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

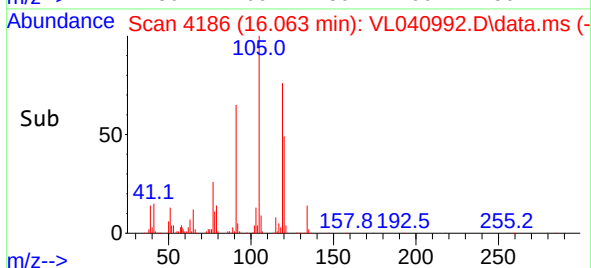
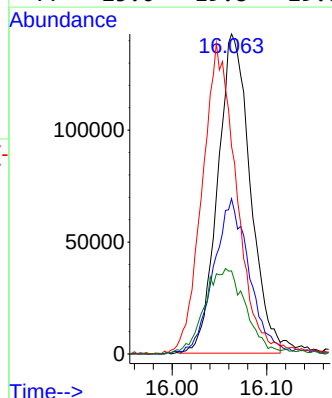
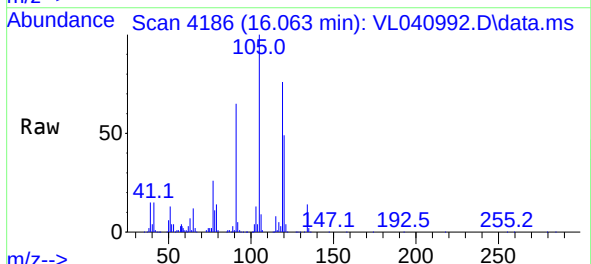
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC001

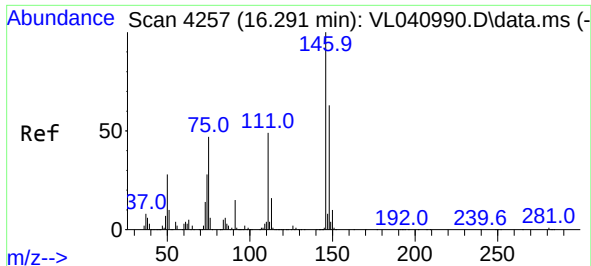
Tgt Ion:105 Resp: 286769
Ion Ratio Lower Upper
105 100
120 43.8 37.2 55.8



#74
1,2,4-Trimethylbenzene
Concen: 1.065 ppbv
RT: 16.063 min Scan# 4186
Delta R.T. -0.003 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

Tgt Ion:105 Resp: 340844
Ion Ratio Lower Upper
105 100
120 47.8 39.3 58.9
91 62.6 48.7 73.1
77 25.0 19.8 29.8

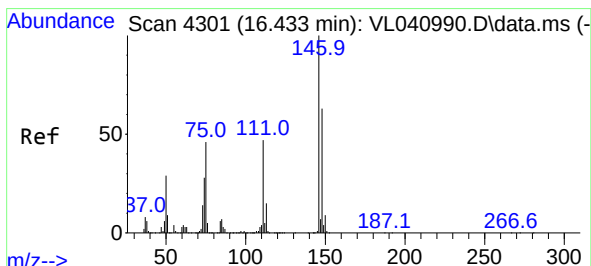
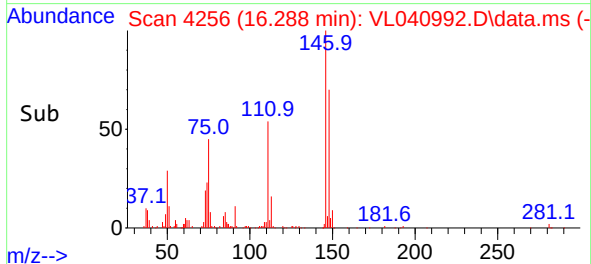
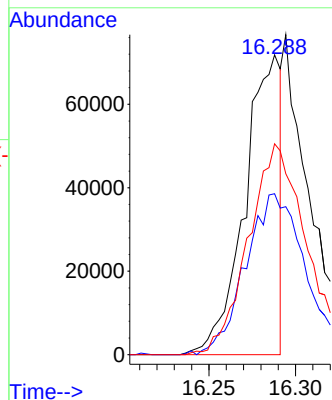
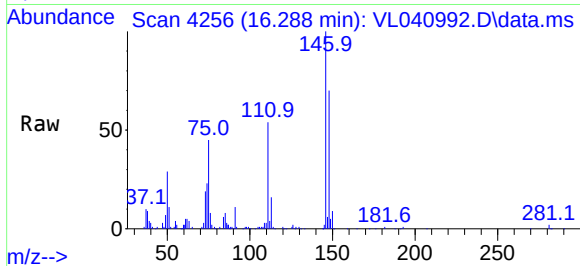




#75
1,3-Dichlorobenzene
Concen: 0.569 ppbv
RT: 16.288 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

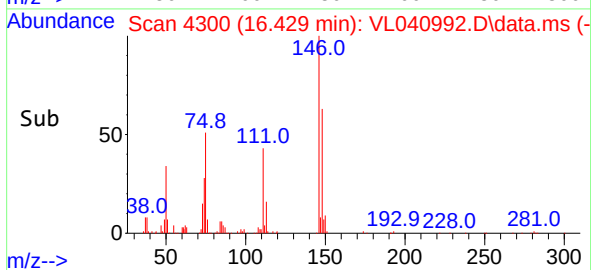
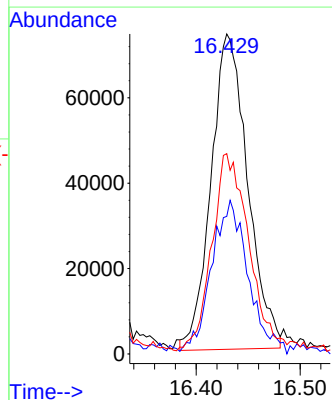
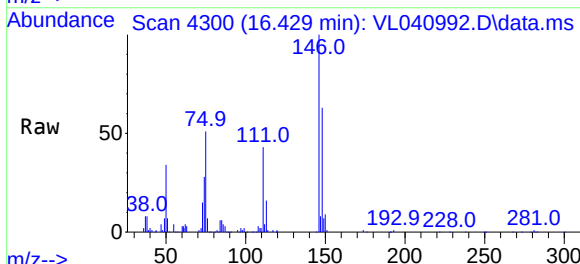
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

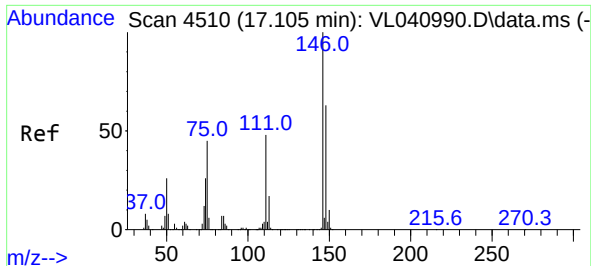
Tgt Ion:146 Resp: 103593
Ion Ratio Lower Upper
146 100
111 95.5 24.4 73.2#
148 118.5 32.5 97.4#



#76
1,4-Dichlorobenzene
Concen: 1.007 ppbv
RT: 16.429 min Scan# 4300
Delta R.T. -0.003 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

Tgt Ion:146 Resp: 180994
Ion Ratio Lower Upper
146 100
111 49.6 24.0 72.0
148 65.9 32.9 98.7

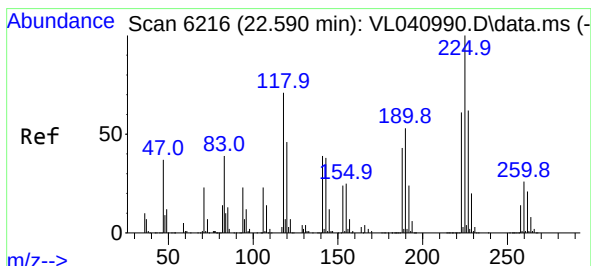
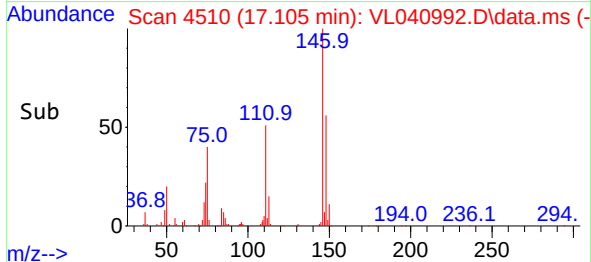
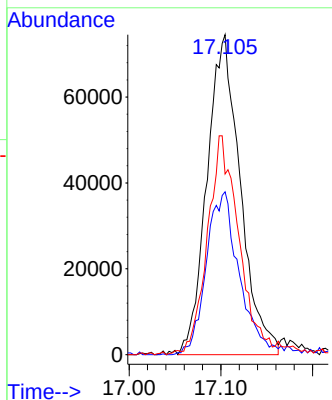
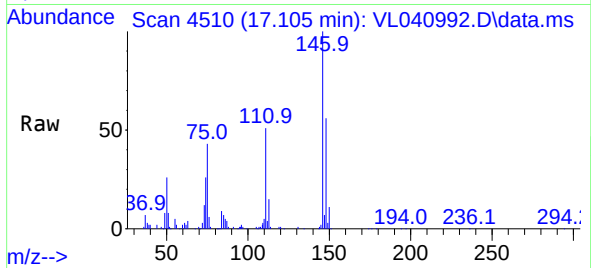




#77
1,2-Dichlorobenzene
Concen: 1.041 ppbv
RT: 17.105 min Scan# 4510
Delta R.T. 0.000 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

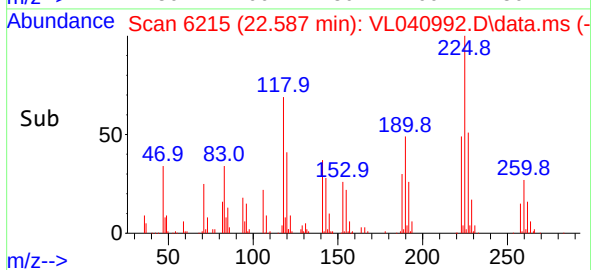
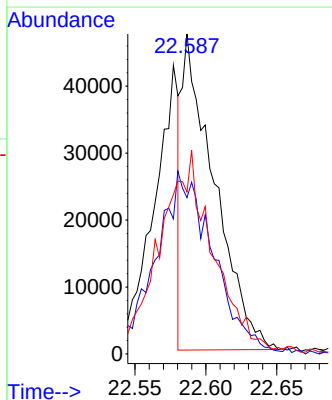
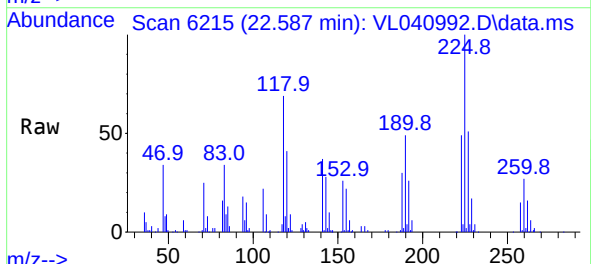
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

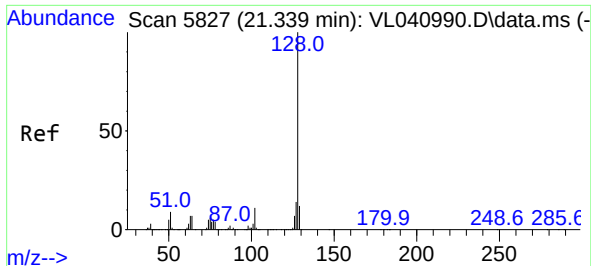
Tgt Ion:146 Resp: 188478
Ion Ratio Lower Upper
146 100
111 51.2 24.8 74.3
148 67.6 31.8 95.3



#78
Hexachloro-1,3-Butadiene
Concen: 0.641 ppbv
RT: 22.587 min Scan# 6215
Delta R.T. -0.003 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

Tgt Ion:225 Resp: 74793
Ion Ratio Lower Upper
225 100
223 0.0 51.1 76.7#
227 108.0 51.0 76.4#

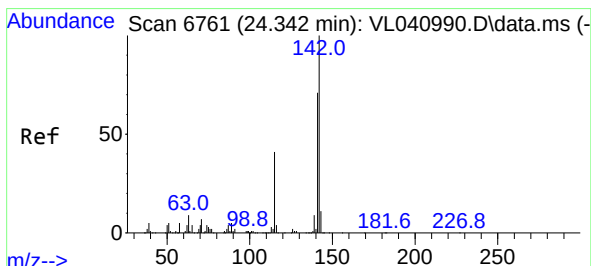
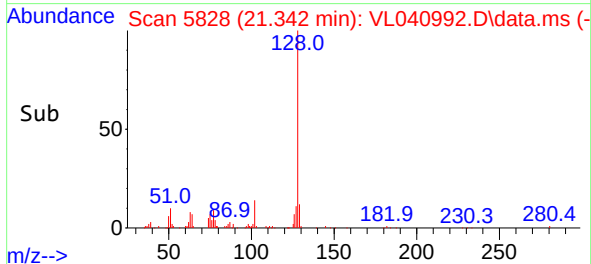
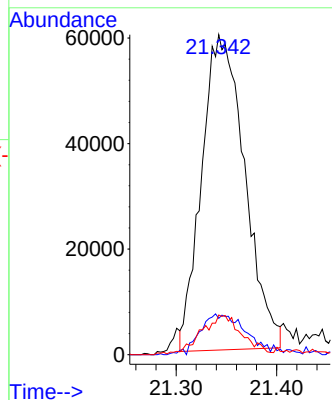
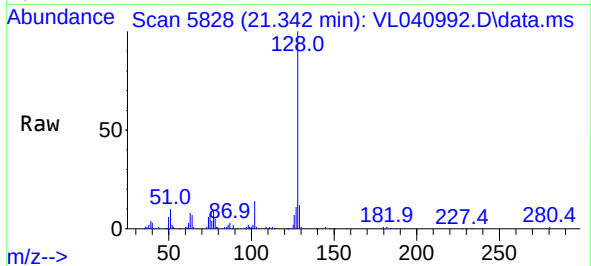




#79
Naphthalene
Concen: 0.975 ppbv
RT: 21.342 min Scan# 5828
Delta R.T. 0.003 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

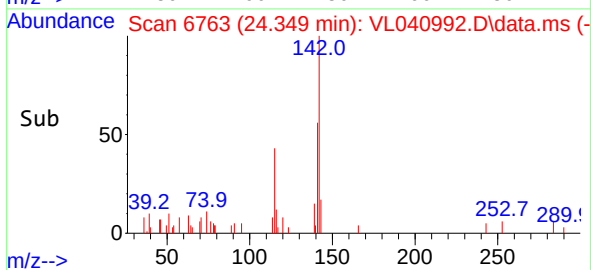
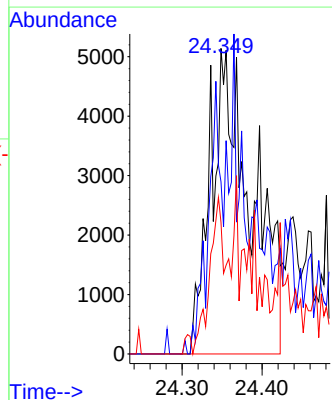
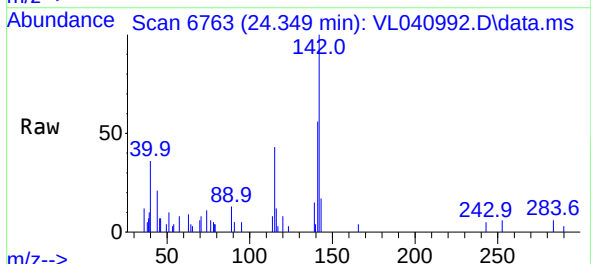
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

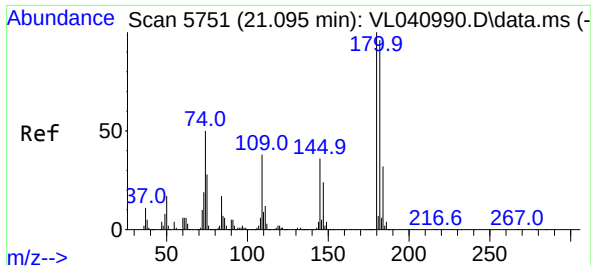
Tgt Ion:128 Resp: 177975
Ion Ratio Lower Upper
128 100
127 10.8 10.9 16.3#
129 12.4 9.3 13.9



#80
Naphthalene,2-methyl-
Concen: 0.570 ppbv
RT: 24.349 min Scan# 6763
Delta R.T. 0.006 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

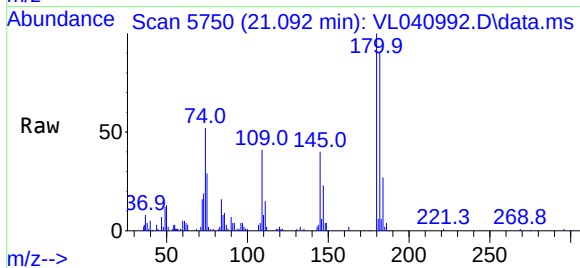
Tgt Ion:142 Resp: 18277
Ion Ratio Lower Upper
142 100
141 78.1 62.7 94.1
115 39.6 34.0 51.0





#81
1,2,4-Trichlorobenzene
Concen: 0.380 ppbv
RT: 21.092 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL040992.D
Acq: 23 Jan 2024 11:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion:180 Resp: 40528
Ion Ratio Lower Upper
180 100
182 0.0 78.6 118.0#
184 0.0 24.4 36.6#

