

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021523\
 Data File : VL040171.D
 Acq On : 15 Feb 2023 11:46
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Quant Time: Feb 16 05:15:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 15 17:01:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	997711	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2579590	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2387673	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1948331	9.923	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.716	85	210582	1.132	ppbv	94
3) Chlorodifluoromethane	2.658	51	126014	1.057	ppbv	99
4) Chloromethane	2.800	50	77826	1.040	ppbv	99
5) Vinyl Chloride	2.906	62	60285	1.002	ppbv	99
6) Bromomethane	3.105	94	22272	1.026	ppbv	95
7) Chloroethane	3.185	64	25458	1.067	ppbv	94
8) Dichlorotetrafluoroethane	2.841	85	167328	1.044	ppbv	96
9) Propene	2.681	41	52514	1.081	ppbv	99
10) Heptane	7.574	43	117441	1.016	ppbv	96
11) Trichlorofluoromethane	3.549	101	171954	1.031	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.057	101	127905	1.039	ppbv	98
13) Ethanol	3.243	45	2718	0.608	ppbv #	1
14) Bromoethene	3.353	108	46781	0.991	ppbv	95
15) Acetone	3.465	43	123360	1.027	ppbv	92
16) 1,3-Butadiene	2.973	39	56786	1.035	ppbv	98
17) tert-Butyl alcohol	3.880	59	115351	1.053	ppbv	98
18) 1,1-Dichloroethene	3.867	96	56768	1.061	ppbv	90
19) Isopropyl Alcohol	3.574	45	59952	1.050	ppbv #	93
20) Methylene Chloride	3.925	84	73367	1.173	ppbv	96
21) Allyl Chloride	3.986	41	76156	1.034	ppbv	96
22) trans-1,2-Dichloroethene	4.436	96	54659	0.987	ppbv	94
23) Vinyl Acetate	4.619	43	32149	0.882	ppbv	97
24) 1,1-Dichloroethane	4.552	63	119571	1.049	ppbv	98
25) Ethyl Acetate	5.198	43	228700	1.024	ppbv	99
26) Hexane	5.205	57	101393	1.058	ppbv	99
27) Carbon Disulfide	4.115	76	111220	0.914	ppbv	99
28) Methyl tert-Butyl Ether	4.581	73	107174	1.043	ppbv	99
29) Chloroform	5.266	83	169493	1.030	ppbv	98
30) Cyclohexane	6.600	84	35922	0.477	ppbv #	1
31) cis-1,2-Dichloroethene	5.073	61	95067	1.044	ppbv	94
32) 1,1,1-Trichloroethane	5.992	97	159651	1.032	ppbv	98
34) 2-Butanone	4.783	43	124553	0.979	ppbv	96
35) Carbon Tetrachloride	6.484	117	162680	1.067	ppbv	98
36) Benzene	6.362	78	211925	1.056	ppbv	98
37) 1,2-Dichloroethane	5.799	62	129875	1.034	ppbv	100
38) Trichloroethene	7.282	130	118115	1.068	ppbv	99
39) 1,2-Dichloropropane	7.069	63	39196	0.502	ppbv	95
40) 1,4-Dioxane	7.301	88	13219	0.423	ppbv #	1
41) Tetrahydrofuran	5.561	42	73576	0.998	ppbv	96
42) Bromodichloromethane	7.243	83	172165	0.993	ppbv	97
43) Methyl Methacrylate	7.471	69	73923	0.995	ppbv	98
44) 2,2,4-Trimethylpentane	7.323	57	355902	1.062	ppbv	100
45) t-1,3-Dichloropropene	8.709	75	56484	0.857	ppbv	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021523\
 Data File : VL040171.D
 Acq On : 15 Feb 2023 11:46
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

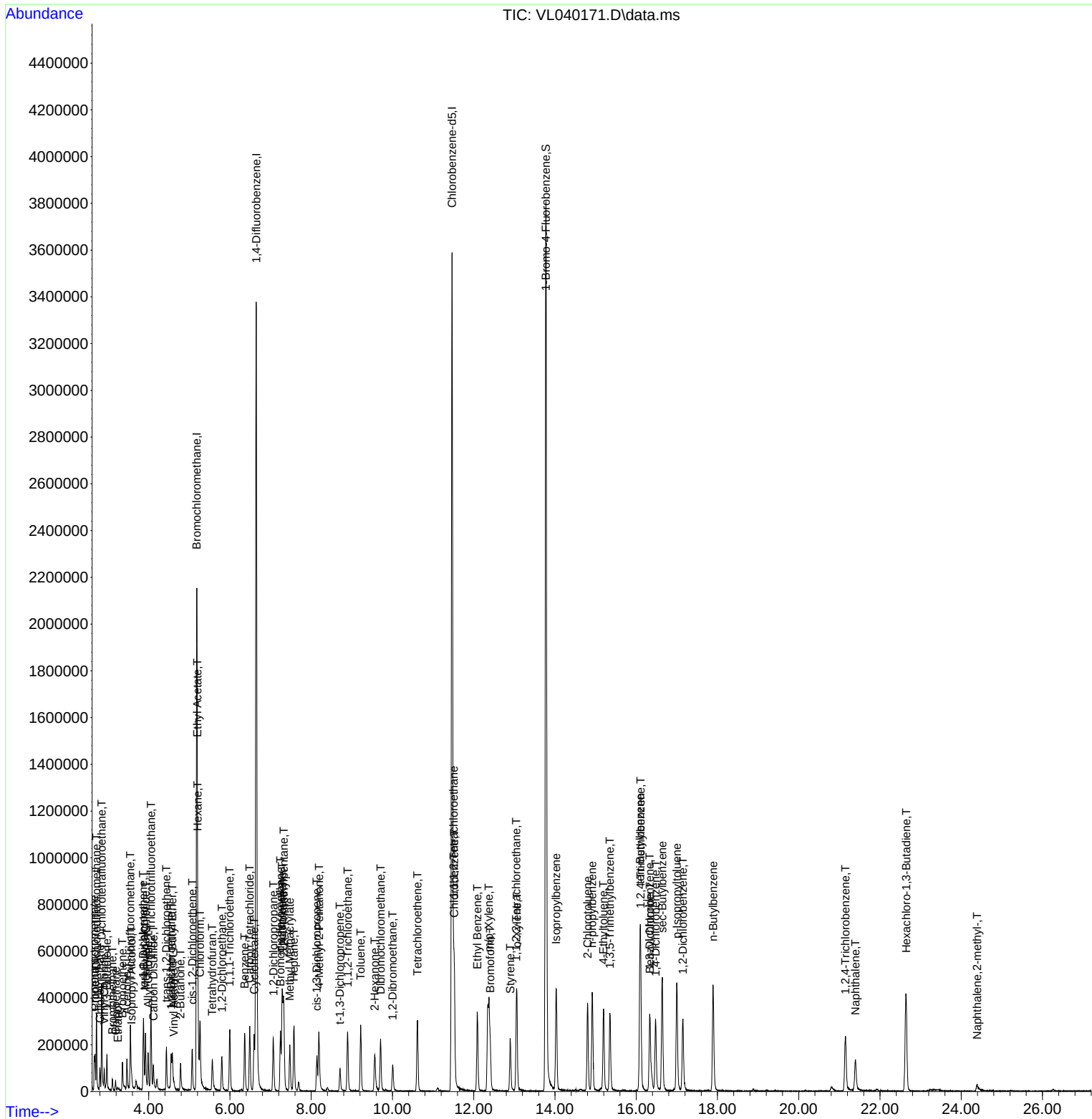
Quant Time: Feb 16 05:15:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 15 17:01:01 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	83818	0.913	ppbv	93
47) 1,1,2-Trichloroethane	8.896	97	86555	1.025	ppbv	98
48) Dibromochloromethane	9.709	129	129258	0.957	ppbv	99
49) Bromoform	12.407	173	96896	0.919	ppbv	99
50) 4-Methyl-2-Pentanone	8.192	43	202380	1.024	ppbv	100
51) 2-Hexanone	9.561	43	138925	0.914	ppbv #	94
52) Tetrachloroethene	10.616	164	68255	1.089	ppbv	97
53) Toluene	9.217	91	218925	1.018	ppbv	100
54) 1,2-Dibromoethane	10.005	107	88207	1.004	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.507	131	99536	0.993	ppbv #	1
57) Chlorobenzene	11.523	112	181894	1.043	ppbv	98
58) Ethyl Benzene	12.089	91	302635	1.043	ppbv	94
59) m/p-Xylene	12.375	91	185084	0.720	ppbv #	1
60) o-Xylene	13.063	91	260122	1.052	ppbv	99
61) Styrene	12.899	104	73957	0.570	ppbv #	37
62) Isopropylbenzene	14.031	105	379687	1.070	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.047	83	47664	0.535	ppbv #	26
64) n-propylbenzene	14.918	120	89802	1.022	ppbv	83
65) tert-Butylbenzene	16.095	119	330220	1.070	ppbv	95
66) Benzyl Chloride	16.339	91	4333	0.211	ppbv #	9
67) sec-Butylbenzene	16.641	105	473426	1.070	ppbv	99
69) p-Isopropyltoluene	16.998	119	365242	1.041	ppbv	97
70) n-Butylbenzene	17.892	91	404339	1.062	ppbv	97
71) 2-Chlorotoluene	14.802	91	287059	1.058	ppbv	99
72) 4-Ethyltoluene	15.195	105	283116	1.036	ppbv	99
73) 1,3,5-Trimethylbenzene	15.352	105	167009	0.657	ppbv	92
74) 1,2,4-Trimethylbenzene	16.111	105	294917	1.056	ppbv	95
75) 1,3-Dichlorobenzene	16.333	146	153955	1.007	ppbv	96
76) 1,4-Dichlorobenzene	16.481	146	151084	1.009	ppbv	95
77) 1,2-Dichlorobenzene	17.149	146	81782	0.539	ppbv #	22
78) Hexachloro-1,3-Butadiene	22.644	225	66573	0.638	ppbv #	44
79) Naphthalene	21.397	128	88935	0.567	ppbv #	95
80) Naphthalene,2-methyl-	24.390	142	29901	0.670	ppbv	87
81) 1,2,4-Trichlorobenzene	21.149	180	52461	0.534	ppbv #	12

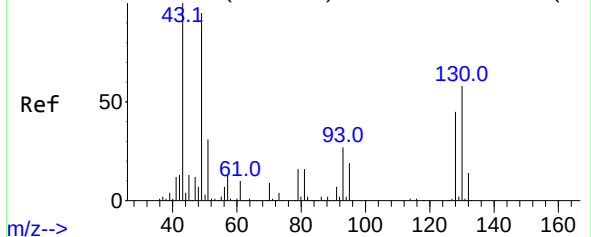
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Quant Time: Feb 16 05:15:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Feb 15 17:01:01 2023
Response via : Initial Calibration



Abundance Scan 801 (5.179 min): VL040169.D\data.ms (-78)



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.182 min Scan# 80

Delta R.T. 0.003 min

Lab File: VL040171.D

Acq: 15 Feb 2023 11:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 49 Resp: 997711

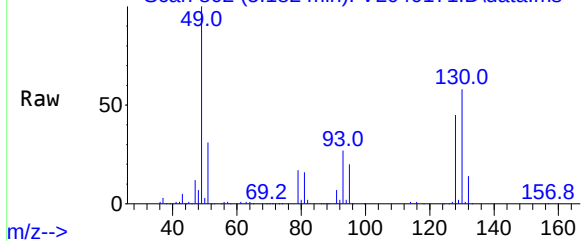
Ion Ratio Lower Upper

49 100

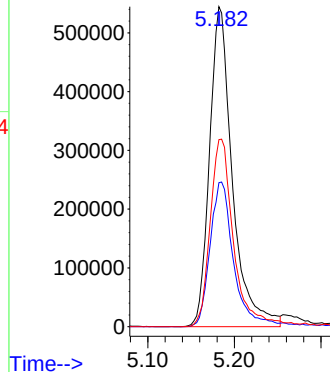
128 48.0 24.1 72.3

130 61.9 30.9 92.8

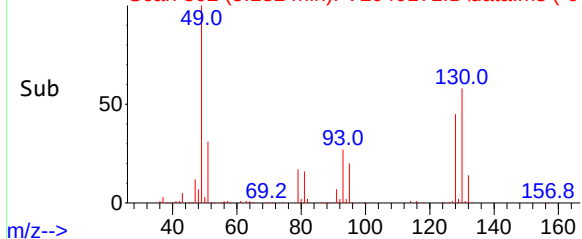
Abundance Scan 802 (5.182 min): VL040171.D\data.ms



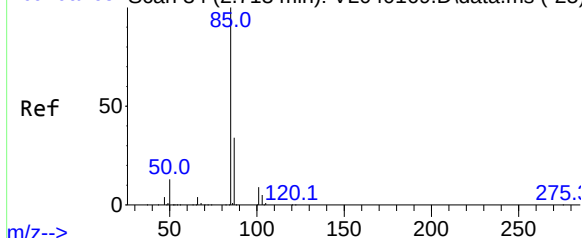
Abundance



Abundance Scan 802 (5.182 min): VL040171.D\data.ms (-64)



Abundance Scan 34 (2.713 min): VL040169.D\data.ms (-25)



#2

Dichlorodifluoromethane

Concen: 1.132 ppbv

RT: 2.716 min Scan# 35

Delta R.T. 0.003 min

Lab File: VL040171.D

Acq: 15 Feb 2023 11:46

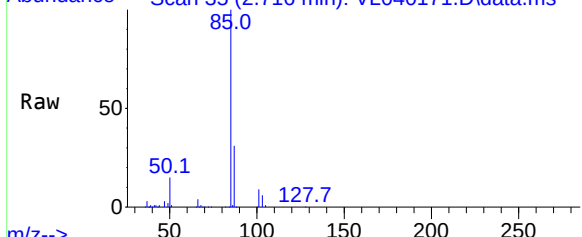
Tgt Ion: 85 Resp: 210582

Ion Ratio Lower Upper

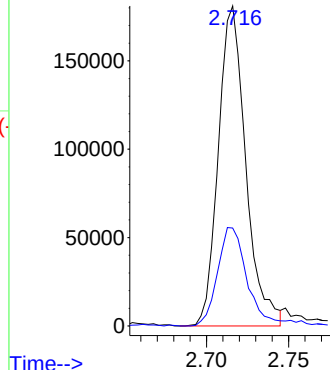
85 100

87 30.6 27.0 40.6

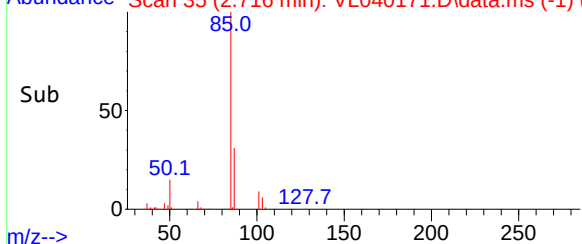
Abundance Scan 35 (2.716 min): VL040171.D\data.ms

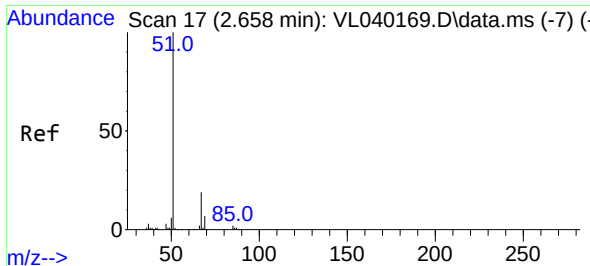


Abundance



Abundance Scan 35 (2.716 min): VL040171.D\data.ms (-1)

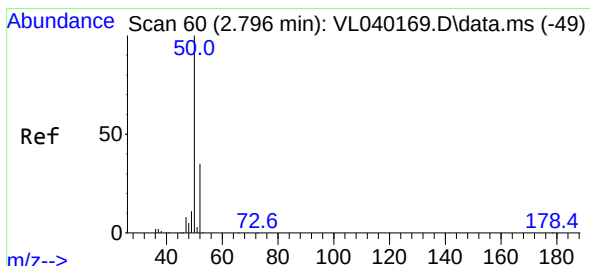
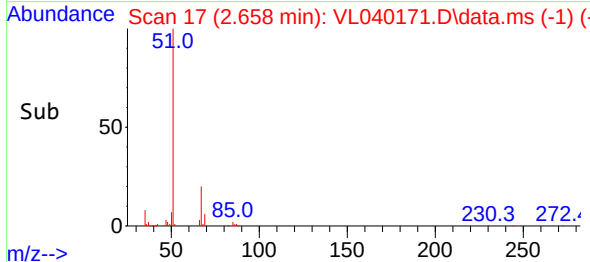
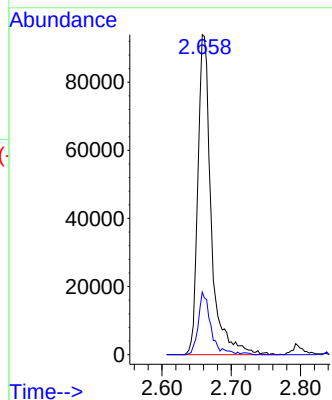
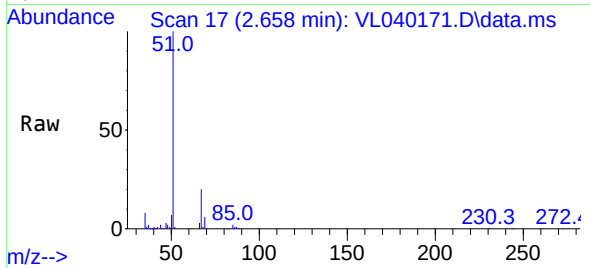




#3
Chlorodifluoromethane
Concen: 1.057 ppbv
RT: 2.658 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

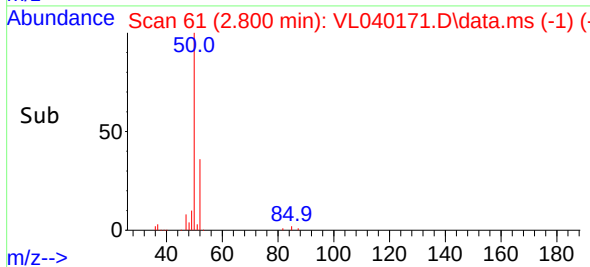
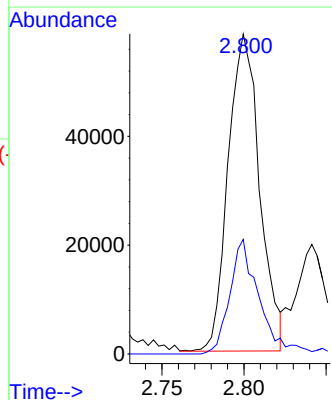
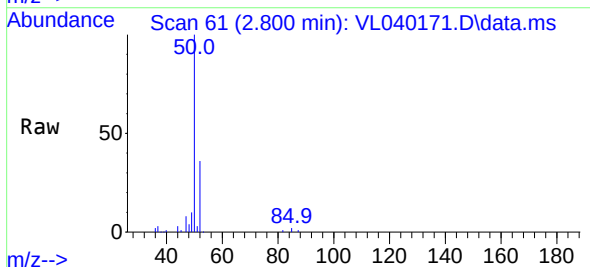
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 51 Resp: 126014
Ion Ratio Lower Upper
51 100
67 18.8 15.4 23.2

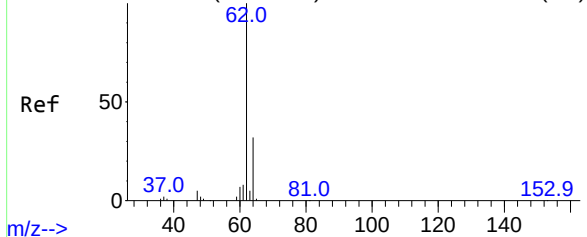


#4
Chloromethane
Concen: 1.040 ppbv
RT: 2.800 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Tgt Ion: 50 Resp: 77826
Ion Ratio Lower Upper
50 100
52 36.2 28.3 42.5



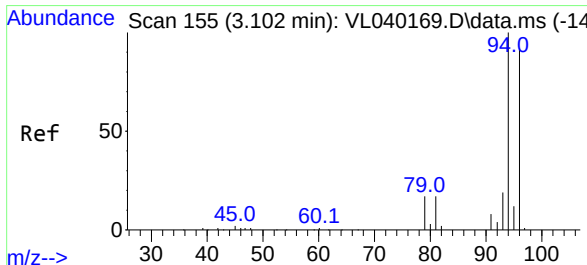
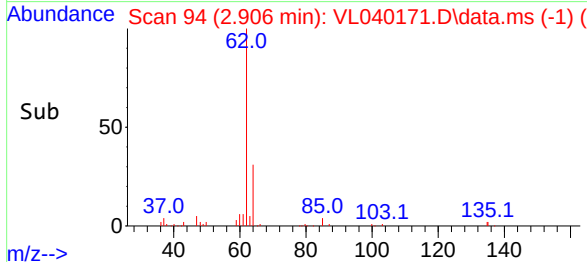
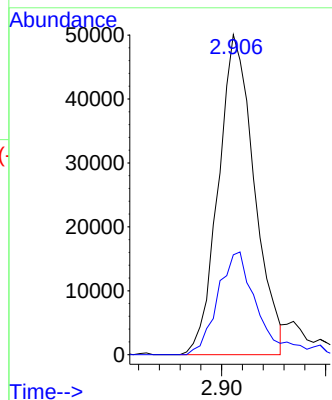
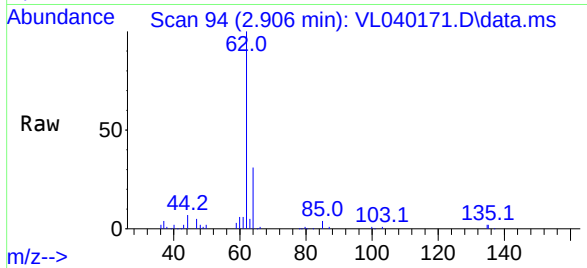
Abundance Scan 93 (2.902 min): VL040169.D\data.ms (-85)



#5
Vinyl Chloride
Concen: 1.002 ppbv
RT: 2.906 min Scan# 94
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

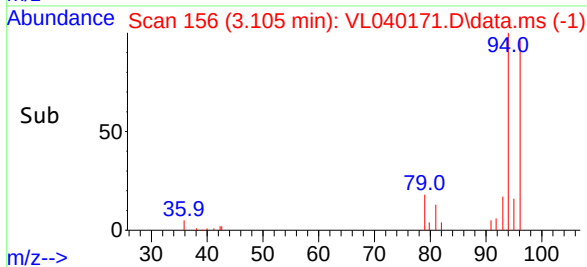
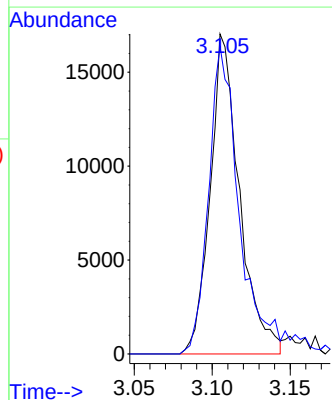
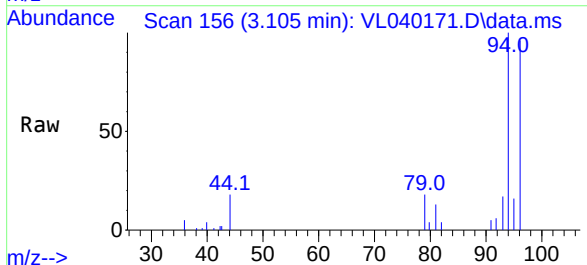
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

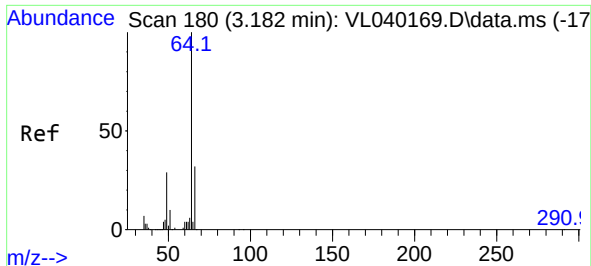
Tgt Ion: 62 Resp: 60285
Ion Ratio Lower Upper
62 100
64 31.2 25.6 38.4



#6
Bromomethane
Concen: 1.026 ppbv
RT: 3.105 min Scan# 156
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Tgt Ion: 94 Resp: 22272
Ion Ratio Lower Upper
94 100
96 96.2 73.4 110.2

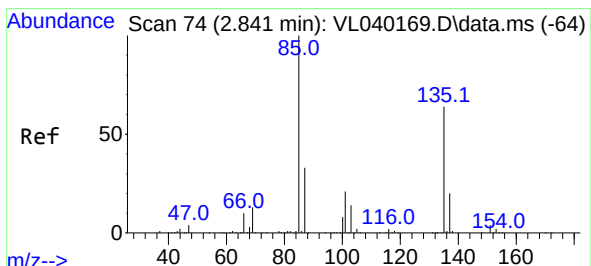
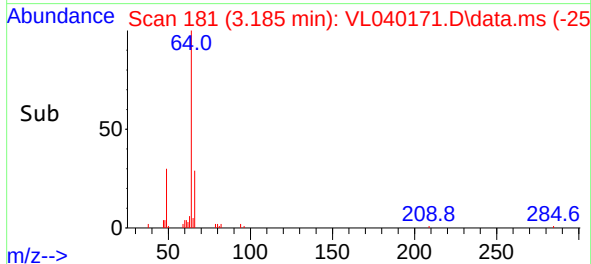
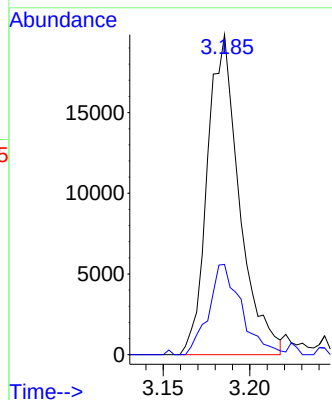
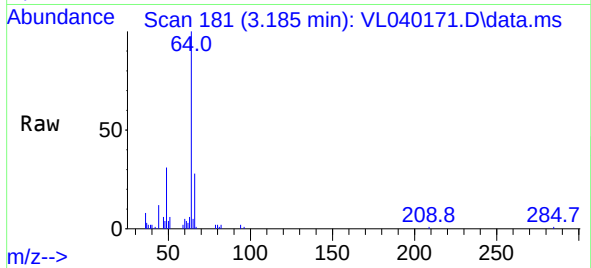




#7
Chloroethane
Concen: 1.067 ppbv
RT: 3.185 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

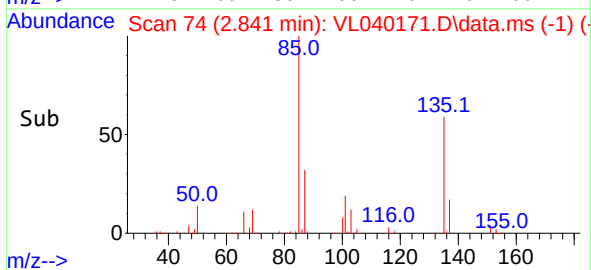
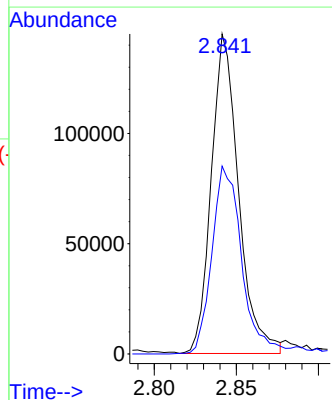
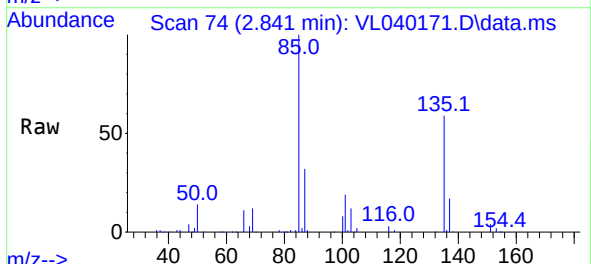
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 64 Resp: 25458
Ion Ratio Lower Upper
64 100
66 28.2 25.4 38.2

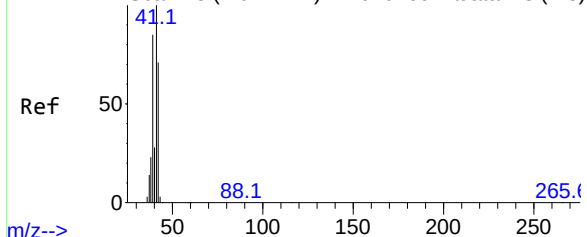


#8
Dichlorotetrafluoroethane
Concen: 1.044 ppbv
RT: 2.841 min Scan# 74
Delta R.T. -0.000 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Tgt Ion: 85 Resp: 167328
Ion Ratio Lower Upper
85 100
135 67.3 51.5 77.3



Abundance Scan 23 (2.677 min): VL040169.D\data.ms (-13)



#9

Propene

Concen: 1.081 ppbv

RT: 2.681 min Scan# 24

Delta R.T. 0.003 min

Lab File: VL040171.D

Acq: 15 Feb 2023 11:46

Instrument :

MSVOA_1

ClientSampleId :

VSTDICC001

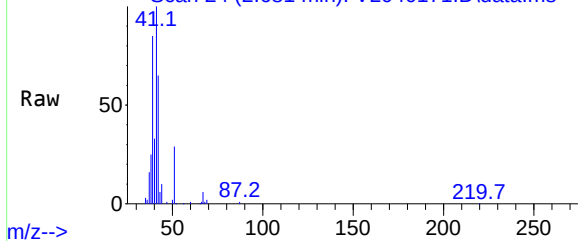
Tgt Ion: 41 Resp: 52514

Ion Ratio Lower Upper

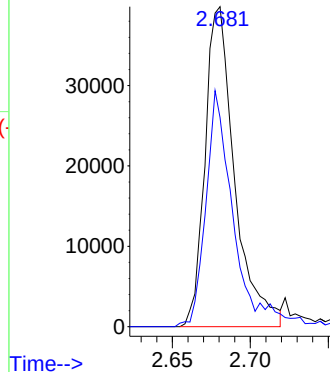
41 100

42 70.2 56.9 85.3

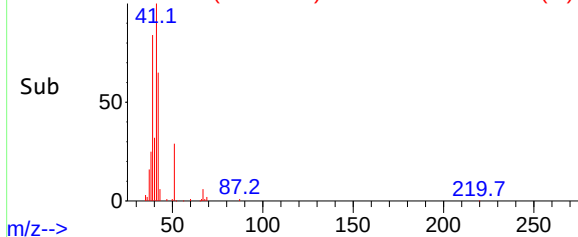
Abundance Scan 24 (2.681 min): VL040171.D\data.ms



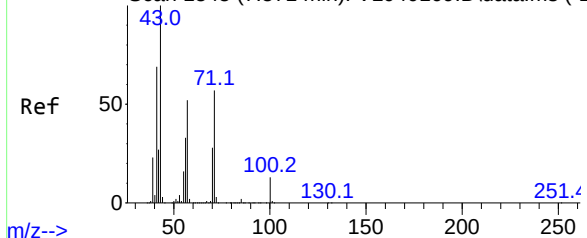
Abundance



Abundance Scan 24 (2.681 min): VL040171.D\data.ms (-1)



Abundance Scan 1545 (7.571 min): VL040169.D\data.ms (-1)



#10

Heptane

Concen: 1.016 ppbv

RT: 7.574 min Scan# 1546

Delta R.T. 0.003 min

Lab File: VL040171.D

Acq: 15 Feb 2023 11:46

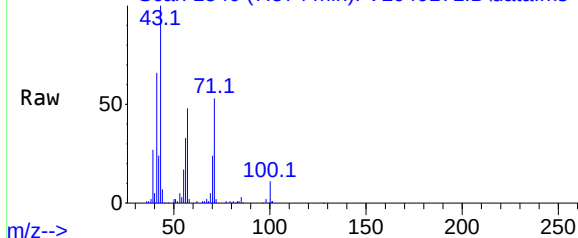
Tgt Ion: 43 Resp: 117441

Ion Ratio Lower Upper

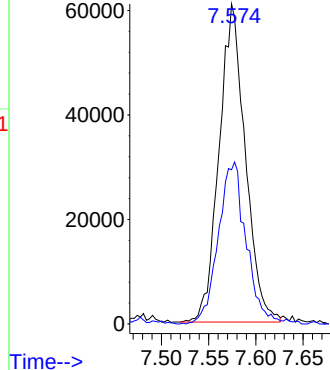
43 100

57 54.8 41.4 62.2

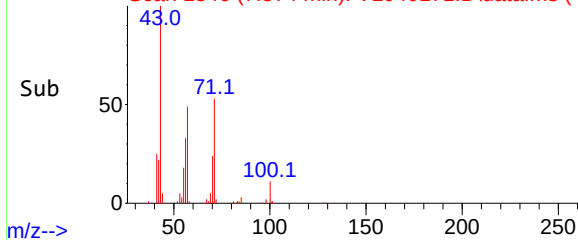
Abundance Scan 1546 (7.574 min): VL040171.D\data.ms

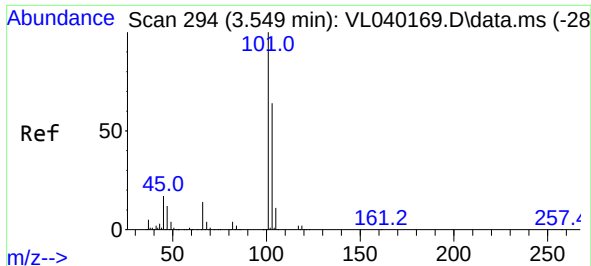


Abundance



Abundance Scan 1546 (7.574 min): VL040171.D\data.ms (-1)

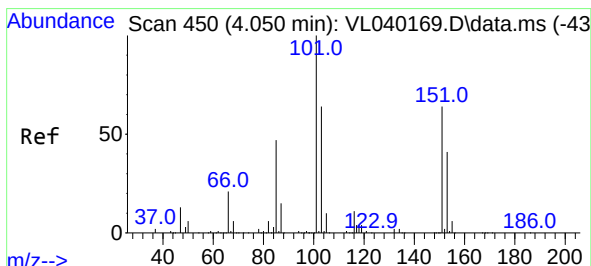
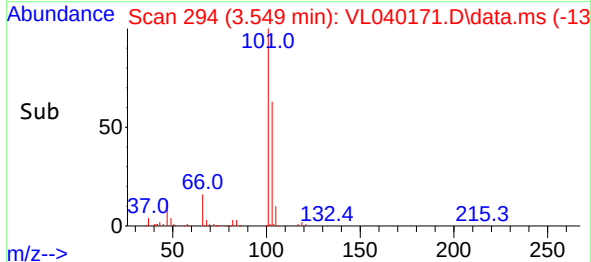
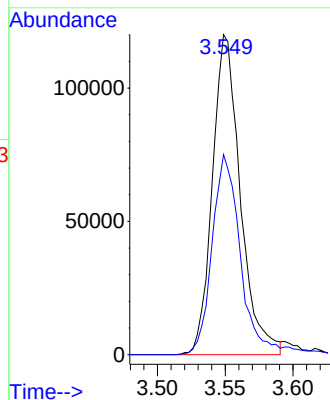
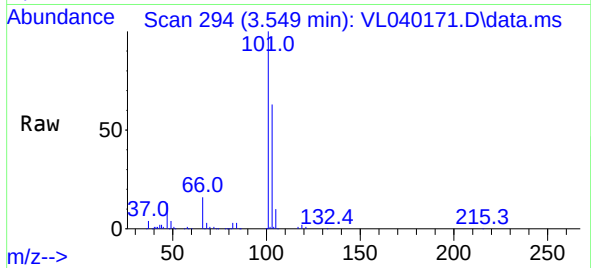




#11
Trichlorofluoromethane
Concen: 1.031 ppbv
RT: 3.549 min Scan# 294
Delta R.T. -0.000 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

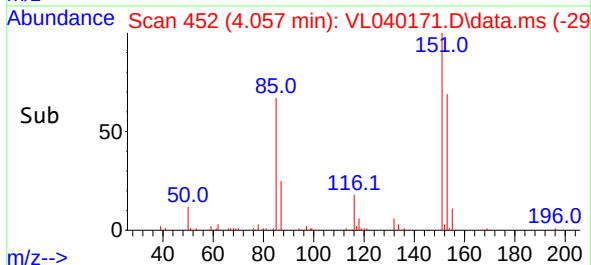
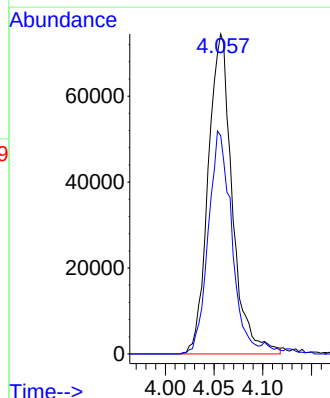
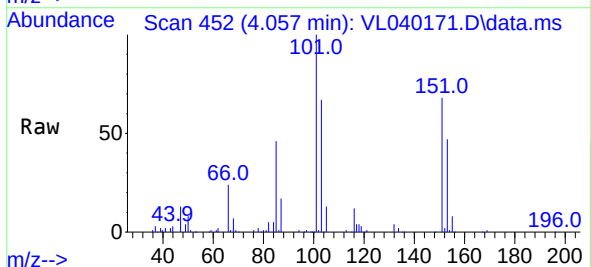
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

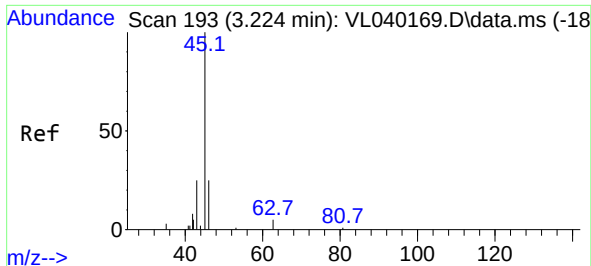
Tgt Ion:101 Resp: 171954
Ion Ratio Lower Upper
101 100
103 62.4 51.0 76.6



#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.039 ppbv
RT: 4.057 min Scan# 452
Delta R.T. 0.006 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Tgt Ion:101 Resp: 127905
Ion Ratio Lower Upper
101 100
151 69.8 54.7 82.1





#13

Ethanol

Concen: 0.608 ppbv

RT: 3.243 min Scan# 193

Delta R.T. 0.019 min

Lab File: VL040171.D

Acq: 15 Feb 2023 11:46

Instrument :

MSVOA_L

ClientSampleId :

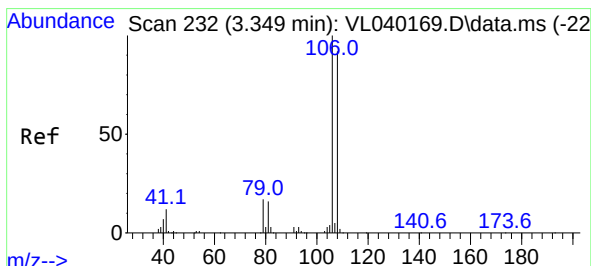
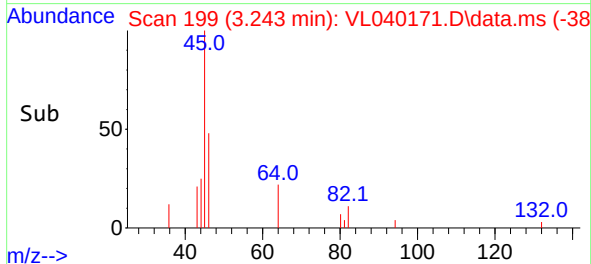
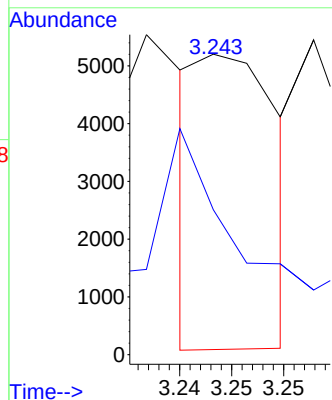
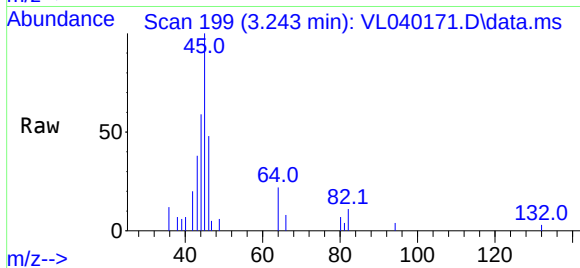
VSTDIC001

Tgt Ion: 45 Resp: 2718

Ion Ratio Lower Upper

45 100

46 167.2 13.3 53.1#



#14

Bromoethene

Concen: 0.991 ppbv

RT: 3.353 min Scan# 233

Delta R.T. 0.003 min

Lab File: VL040171.D

Acq: 15 Feb 2023 11:46

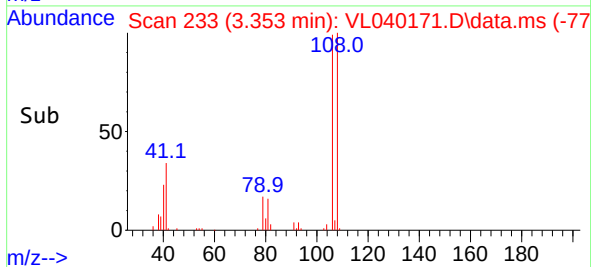
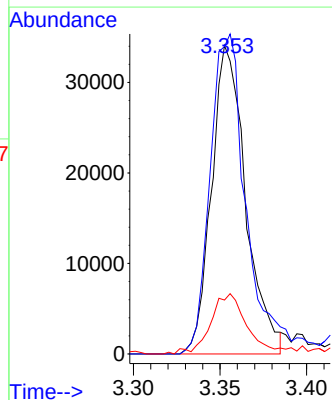
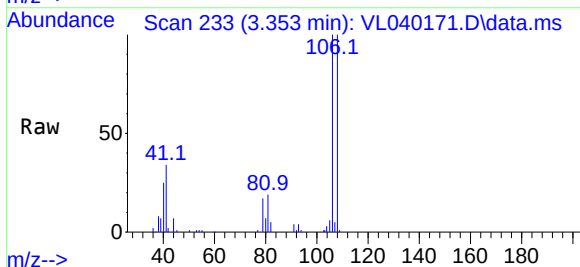
Tgt Ion:108 Resp: 46781

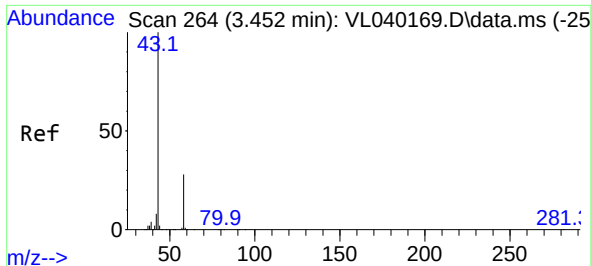
Ion Ratio Lower Upper

108 100

106 114.3 87.1 130.7

79 22.1 15.4 23.2

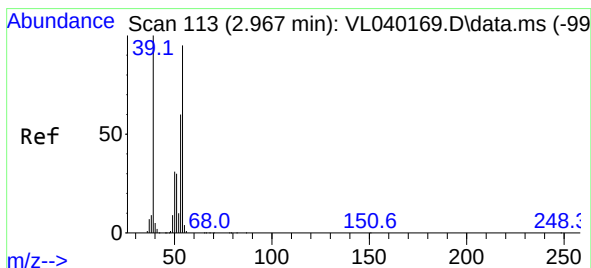
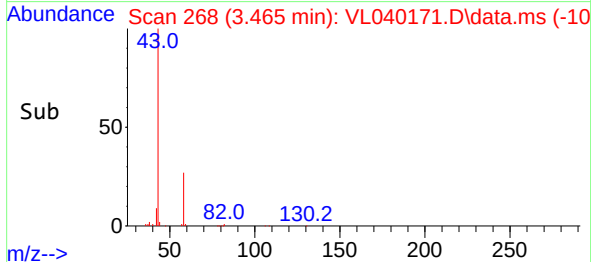
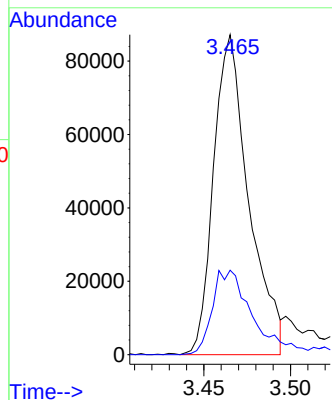
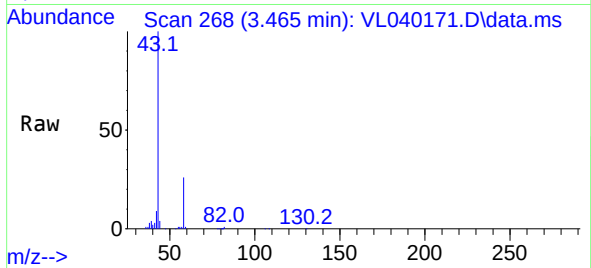




#15
Acetone
Concen: 1.027 ppbv
RT: 3.465 min Scan# 20
Delta R.T. 0.013 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

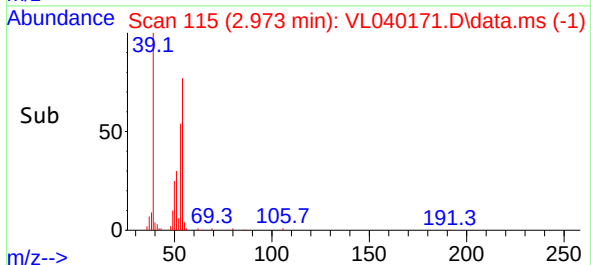
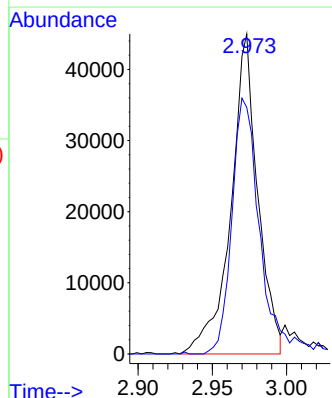
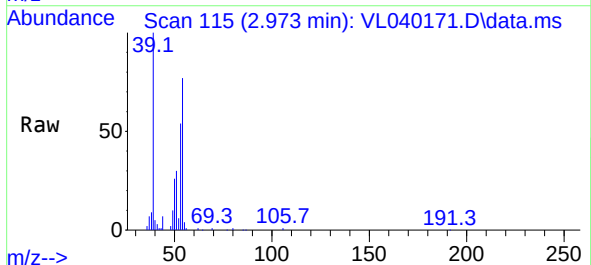
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

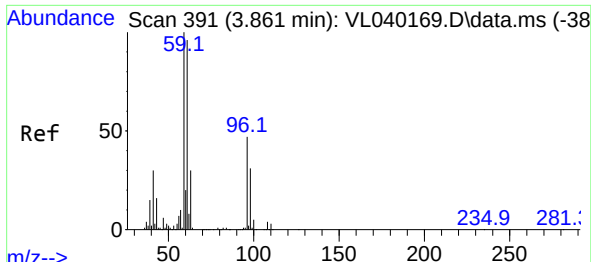
Tgt Ion: 43 Resp: 123360
Ion Ratio Lower Upper
43 100
58 32.0 22.4 33.6



#16
1,3-Butadiene
Concen: 1.035 ppbv
RT: 2.973 min Scan# 115
Delta R.T. 0.006 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Tgt Ion: 39 Resp: 56786
Ion Ratio Lower Upper
39 100
54 85.4 66.7 100.1

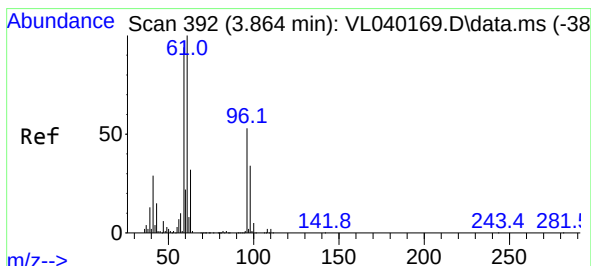
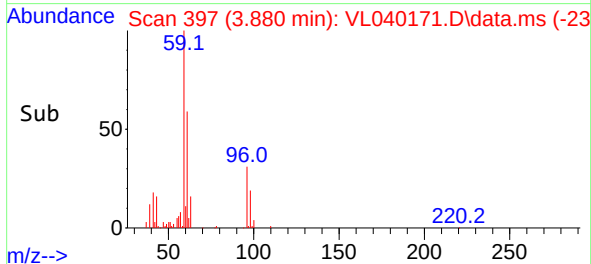
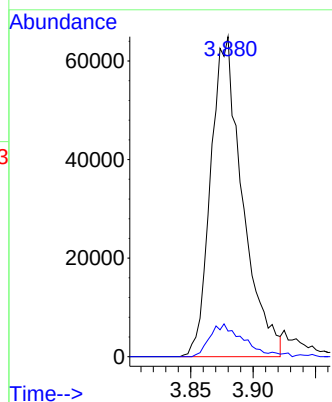
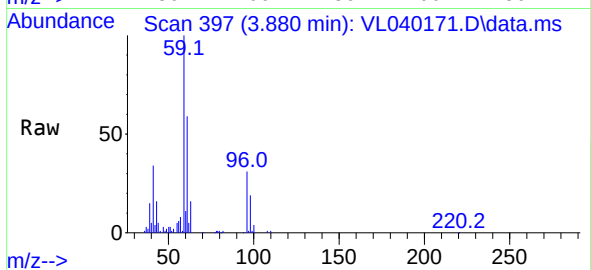




#17
tert-Butyl alcohol
Concen: 1.053 ppbv
RT: 3.880 min Scan# 391
Delta R.T. 0.019 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

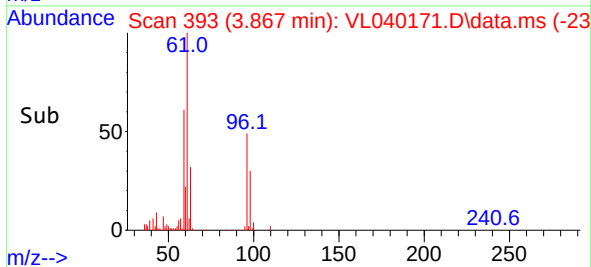
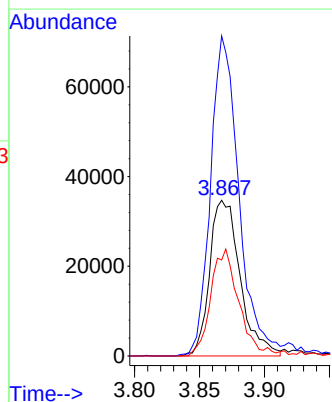
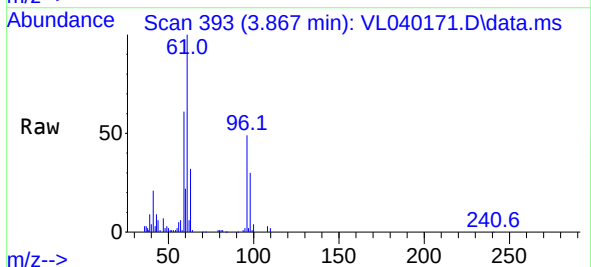
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC001

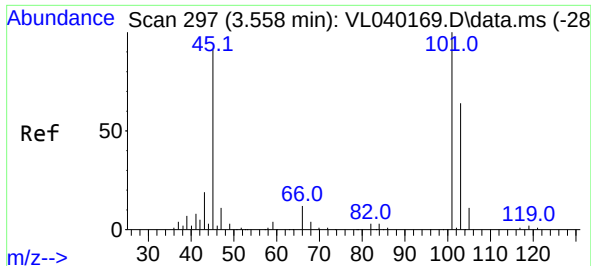
Tgt Ion: 59 Resp: 115351
Ion Ratio Lower Upper
59 100
57 11.3 8.5 12.7



#18
1,1-Dichloroethene
Concen: 1.061 ppbv
RT: 3.867 min Scan# 393
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Tgt Ion: 96 Resp: 56768
Ion Ratio Lower Upper
96 100
61 204.7 149.6 224.4
98 61.7 51.1 76.7





#19

Isopropyl Alcohol

Concen: 1.050 ppbv

RT: 3.574 min Scan# 302

Delta R.T. 0.016 min

Lab File: VL040171.D

Acq: 15 Feb 2023 11:46

Instrument :

MSVOA_1

ClientSampleId :

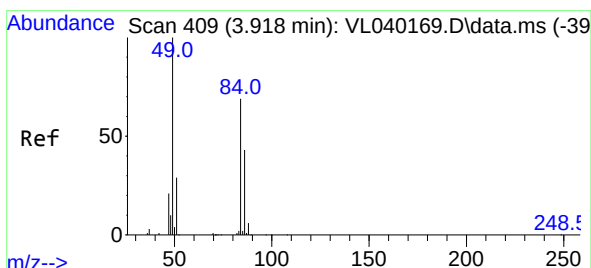
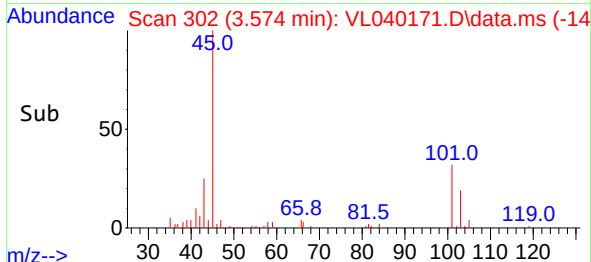
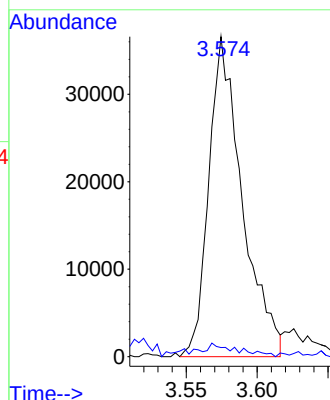
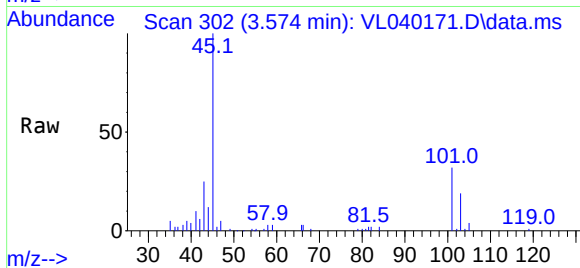
VSTDIC001

Tgt Ion: 45 Resp: 59952

Ion Ratio Lower Upper

45 100

58 5.5 2.6 3.8#



#20

Methylene Chloride

Concen: 1.173 ppbv

RT: 3.925 min Scan# 411

Delta R.T. 0.006 min

Lab File: VL040171.D

Acq: 15 Feb 2023 11:46

Tgt Ion: 84 Resp: 73367

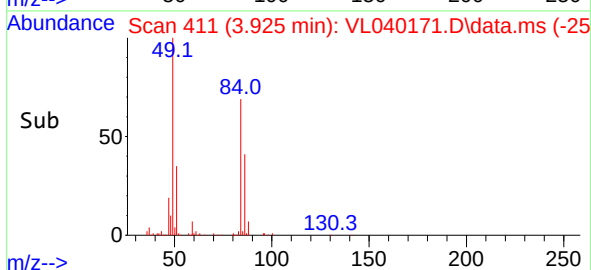
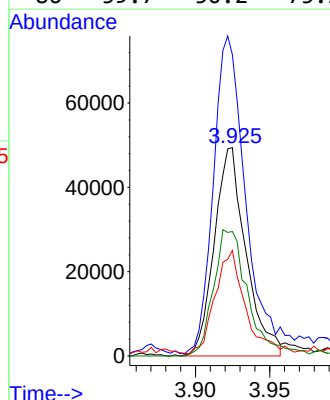
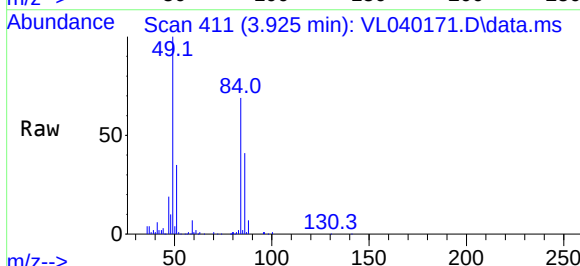
Ion Ratio Lower Upper

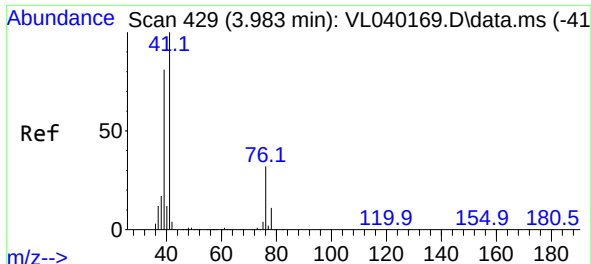
84 100

49 141.9 115.5 173.3

51 49.0 33.1 49.7

86 59.7 50.2 75.2





#21

Allyl Chloride

Concen: 1.034 ppbv

RT: 3.986 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL040171.D

Acq: 15 Feb 2023 11:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

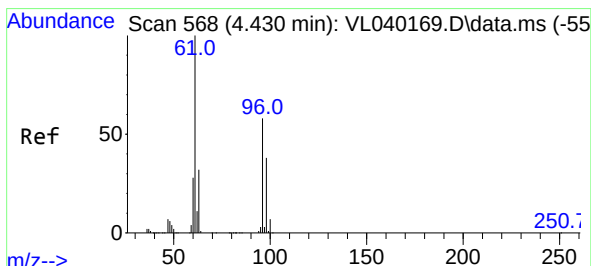
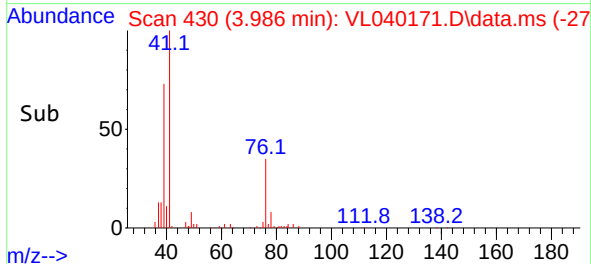
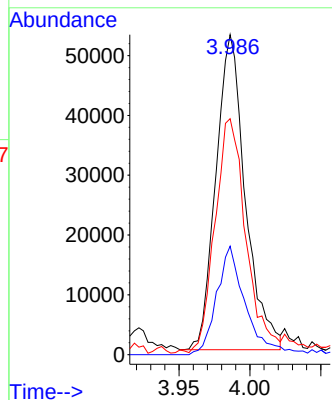
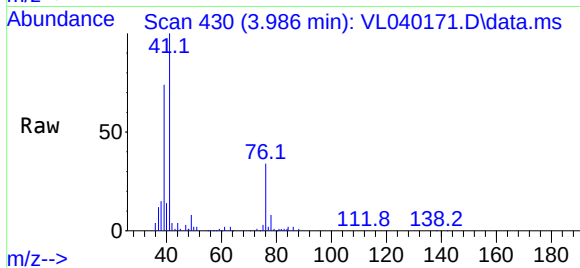
Tgt Ion: 41 Resp: 76156

Ion Ratio Lower Upper

41 100

76 34.6 25.5 38.3

39 83.7 64.5 96.7



#22

trans-1,2-Dichloroethene

Concen: 0.987 ppbv

RT: 4.436 min Scan# 570

Delta R.T. 0.006 min

Lab File: VL040171.D

Acq: 15 Feb 2023 11:46

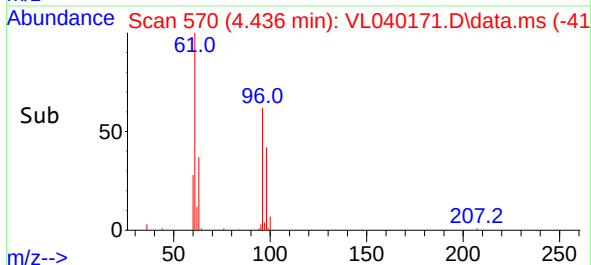
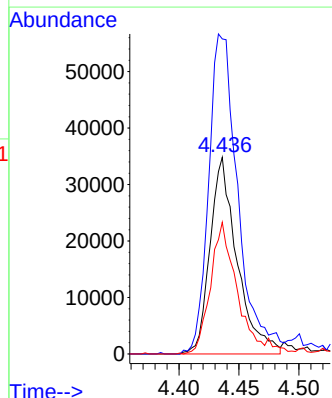
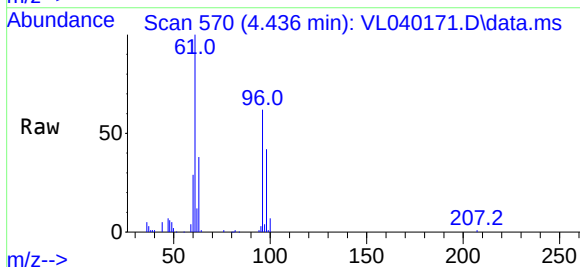
Tgt Ion: 96 Resp: 54659

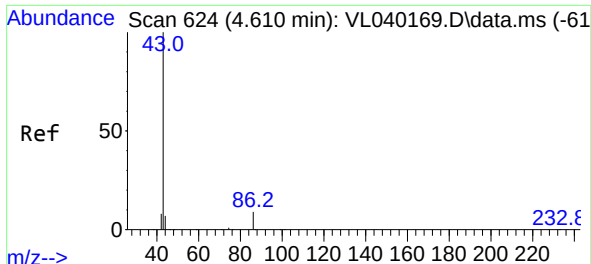
Ion Ratio Lower Upper

96 100

61 160.2 137.5 206.3

98 66.5 52.8 79.2



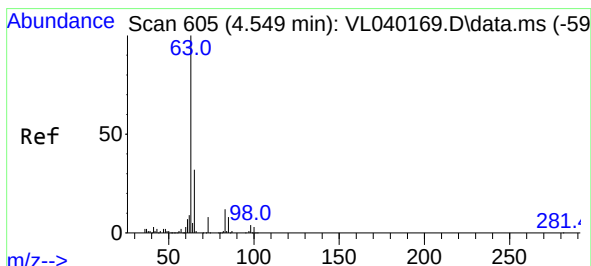
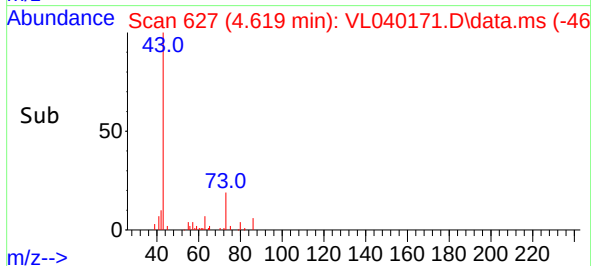
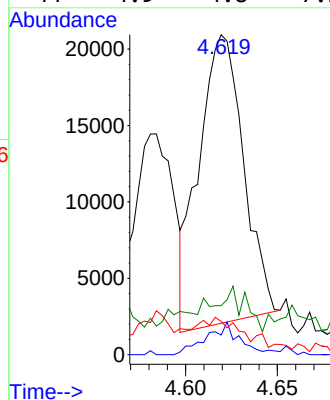
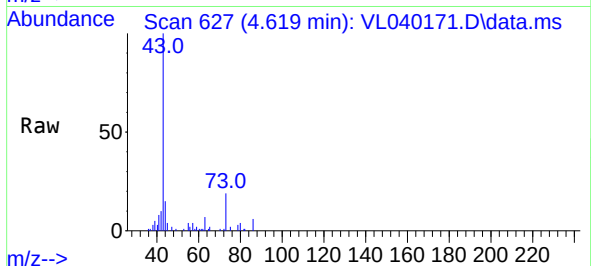


#23
 Vinyl Acetate
 Concen: 0.882 ppbv
 RT: 4.619 min Scan# 61
 Delta R.T. 0.010 min
 Lab File: VL040171.D
 Acq: 15 Feb 2023 11:46

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC001

Tgt Ion: 43 Resp: 32149

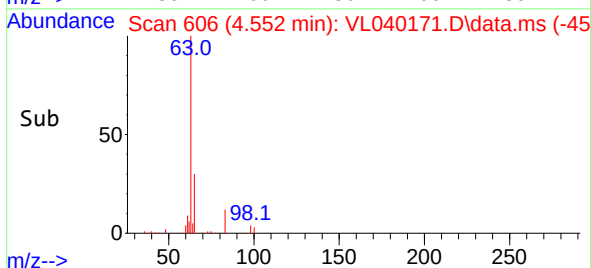
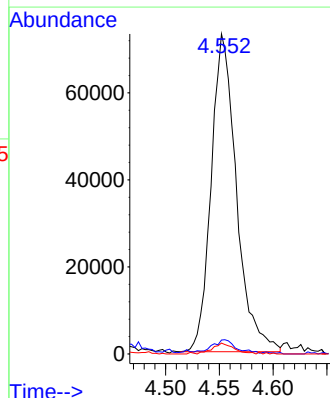
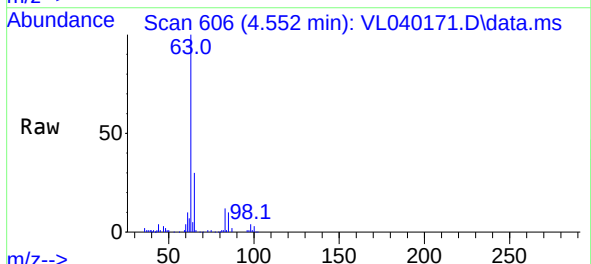
Ion	Ratio	Lower	Upper
43	100		
86	6.2	5.6	8.4
42	8.4	7.6	11.4
44	4.9	4.8	7.2

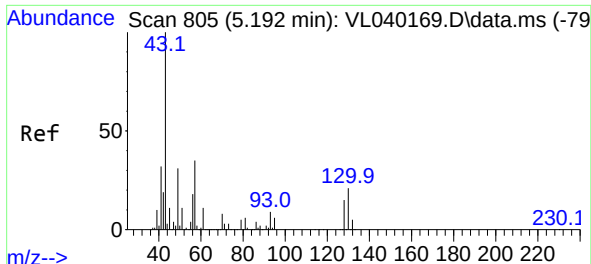


#24
 1,1-Dichloroethane
 Concen: 1.049 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. 0.003 min
 Lab File: VL040171.D
 Acq: 15 Feb 2023 11:46

Tgt Ion: 63 Resp: 119571

Ion	Ratio	Lower	Upper
63	100		
98	4.0	2.3	6.8
100	3.4	1.4	4.0





#25

Ethyl Acetate

Concen: 1.024 ppbv

RT: 5.198 min Scan# 805

Delta R.T. 0.006 min

Lab File: VL040171.D

Acq: 15 Feb 2023 11:46

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 228700

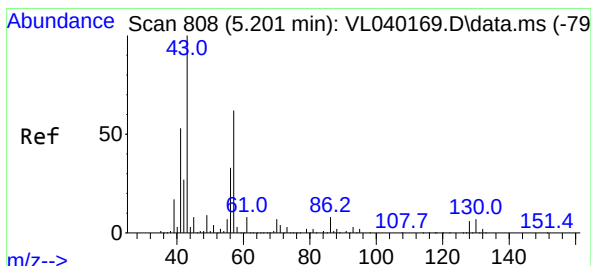
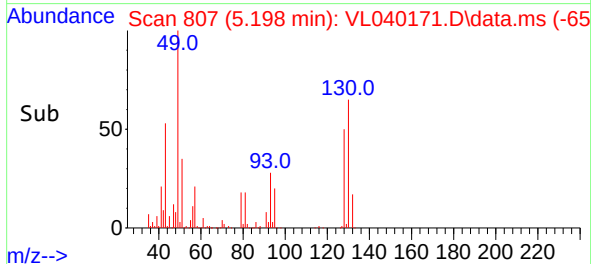
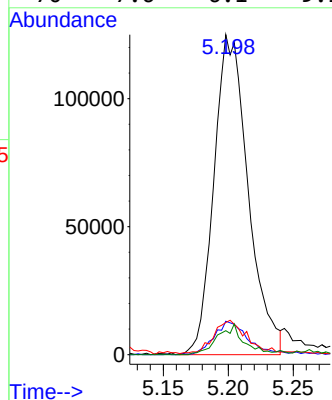
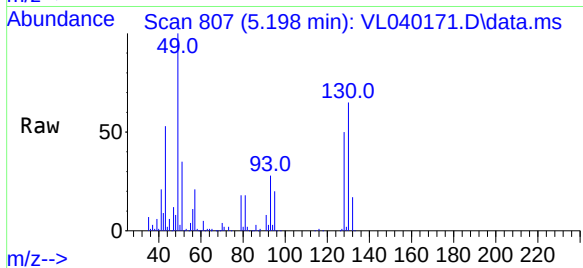
Ion Ratio Lower Upper

43 100

45 11.0 8.3 12.5

61 11.2 8.4 12.6

70 7.6 6.1 9.1



#26

Hexane

Concen: 1.058 ppbv

RT: 5.205 min Scan# 809

Delta R.T. 0.003 min

Lab File: VL040171.D

Acq: 15 Feb 2023 11:46

Tgt Ion: 57 Resp: 101393

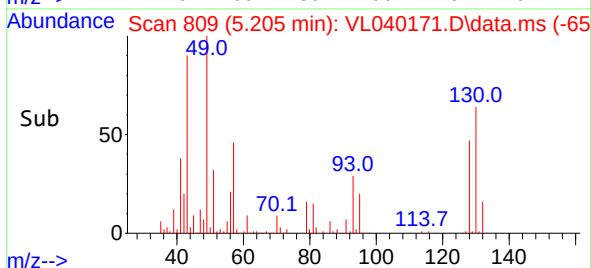
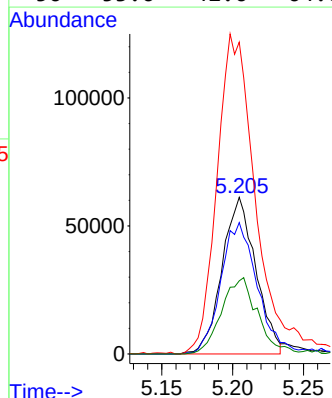
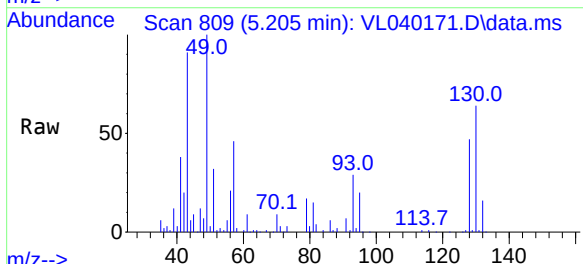
Ion Ratio Lower Upper

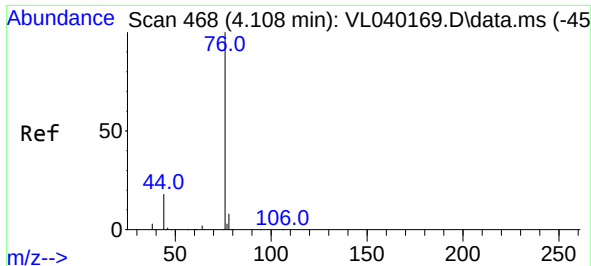
57 100

41 94.7 74.3 111.5

43 242.0 193.0 289.4

56 53.6 42.6 64.0

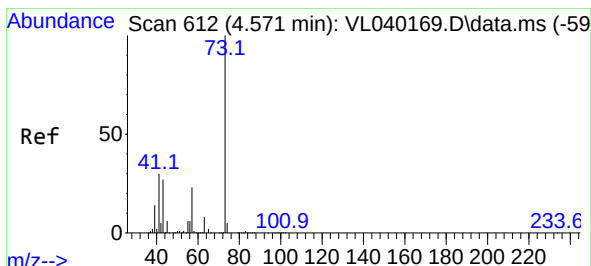
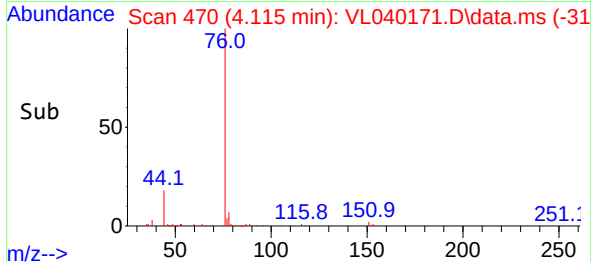
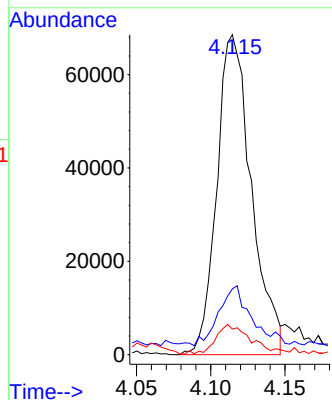
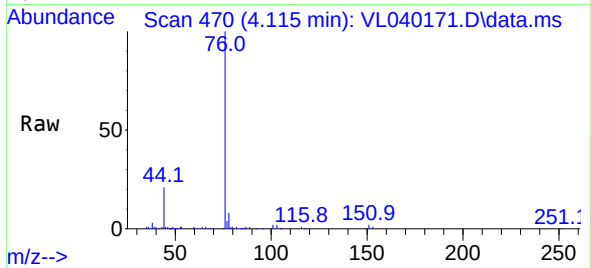




#27
Carbon Disulfide
Concen: 0.914 ppbv
RT: 4.115 min Scan# 411
Delta R.T. 0.006 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

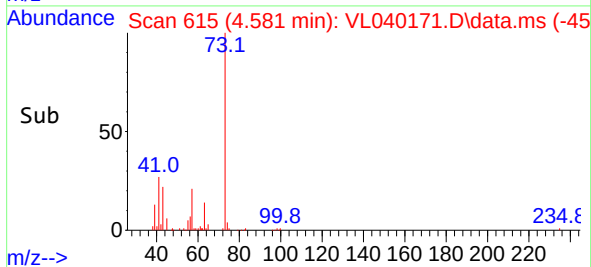
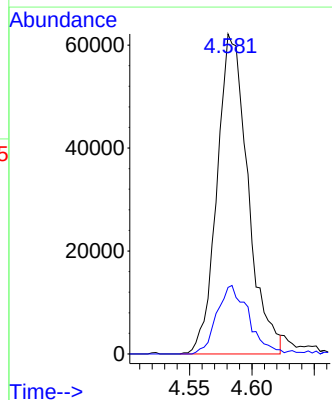
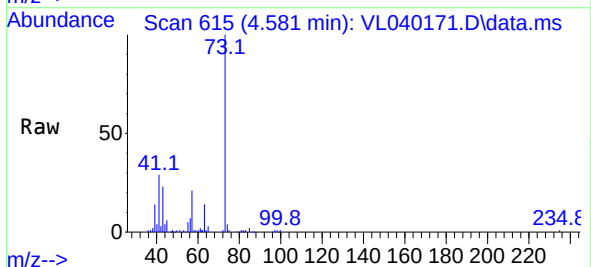
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

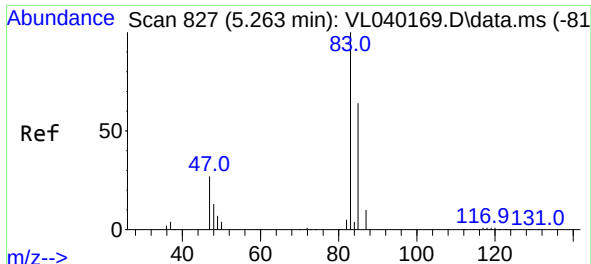
Tgt Ion: 76 Resp: 111220
Ion Ratio Lower Upper
76 100
44 18.6 15.3 22.9
78 10.3 7.7 11.5



#28
Methyl tert-Butyl Ether
Concen: 1.043 ppbv
RT: 4.581 min Scan# 615
Delta R.T. 0.010 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Tgt Ion: 73 Resp: 107174
Ion Ratio Lower Upper
73 100
57 22.9 18.8 28.2





#29

Chloroform

Concen: 1.030 ppbv

RT: 5.266 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL040171.D

Acq: 15 Feb 2023 11:46

Instrument :

MSVOA_L

ClientSampleId :

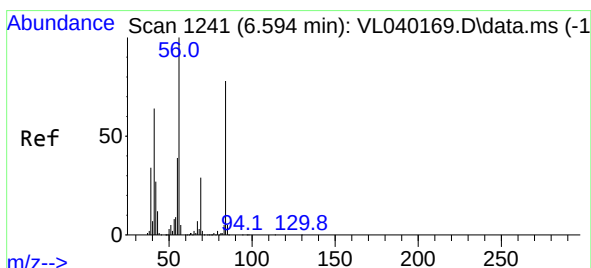
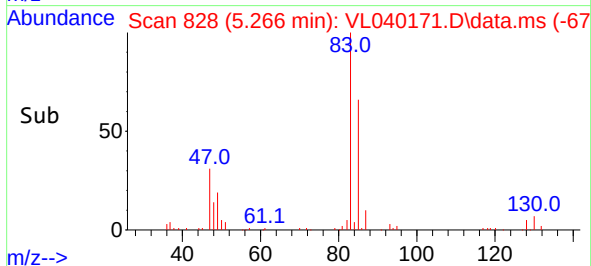
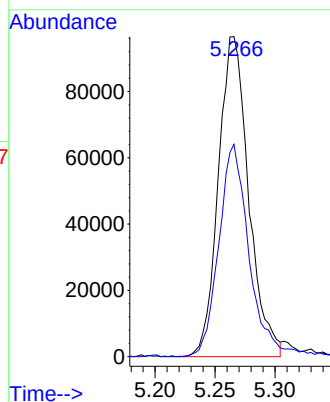
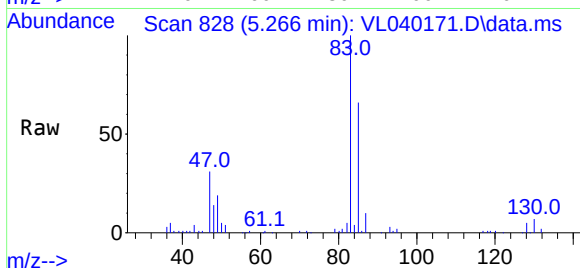
VSTDIC001

Tgt Ion: 83 Resp: 169493

Ion Ratio Lower Upper

83 100

85 66.2 51.5 77.3



#30

Cyclohexane

Concen: 0.477 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. 0.006 min

Lab File: VL040171.D

Acq: 15 Feb 2023 11:46

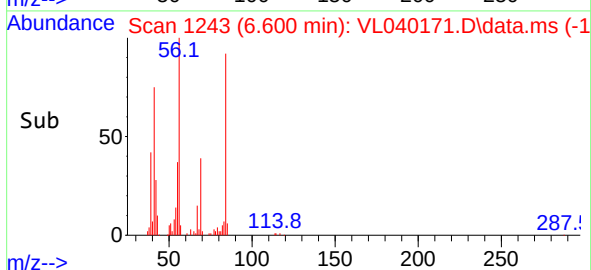
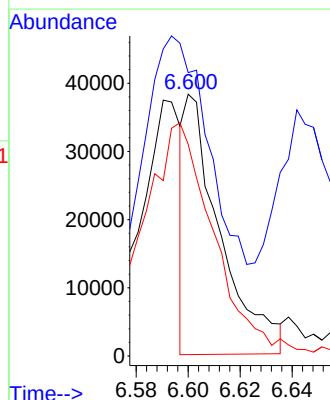
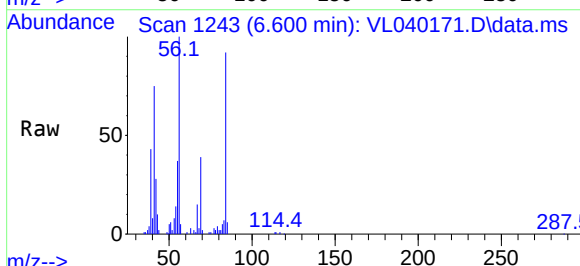
Tgt Ion: 84 Resp: 35922

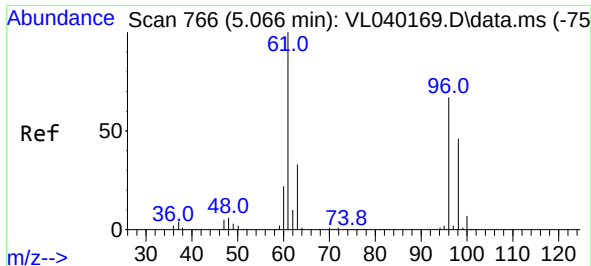
Ion Ratio Lower Upper

84 100

56 286.7 109.9 164.9#

41 187.7 67.8 101.6#

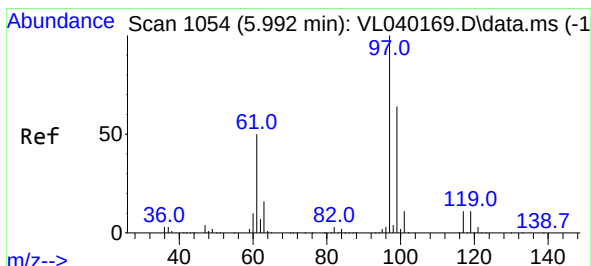
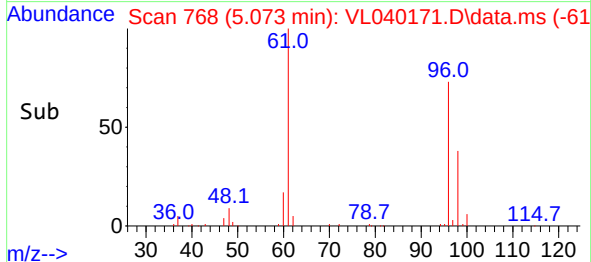
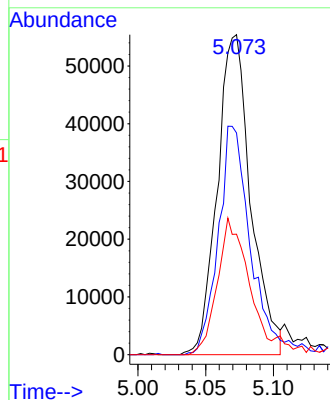
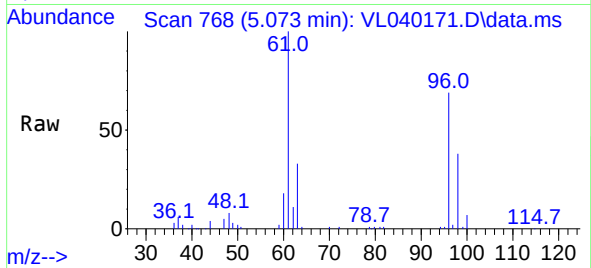




#31
 cis-1,2-Dichloroethene
 Concen: 1.044 ppbv
 RT: 5.073 min Scan# 766
 Delta R.T. 0.006 min
 Lab File: VL040171.D
 Acq: 15 Feb 2023 11:46

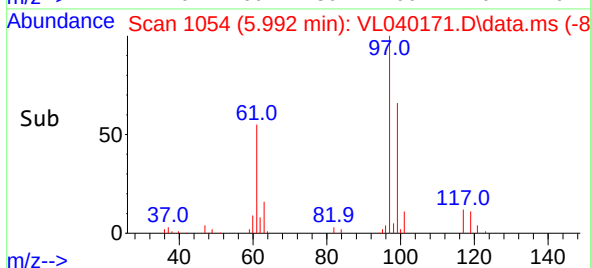
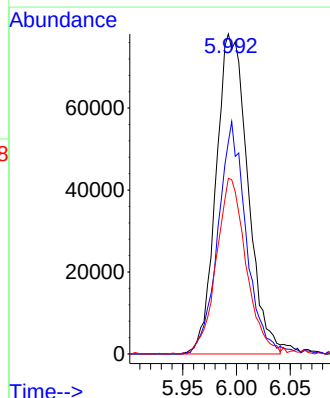
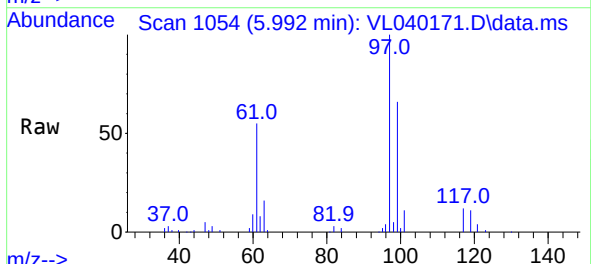
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

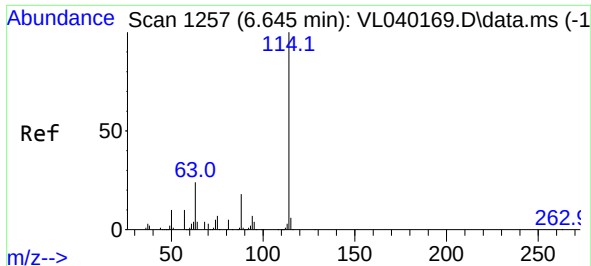
Tgt Ion: 61 Resp: 95067
 Ion Ratio Lower Upper
 61 100
 96 69.3 53.7 80.5
 98 37.7 36.4 54.6



#32
 1,1,1-Trichloroethane
 Concen: 1.032 ppbv
 RT: 5.992 min Scan# 1054
 Delta R.T. -0.000 min
 Lab File: VL040171.D
 Acq: 15 Feb 2023 11:46

Tgt Ion: 97 Resp: 159651
 Ion Ratio Lower Upper
 97 100
 99 65.5 51.5 77.3
 61 52.7 40.6 60.8

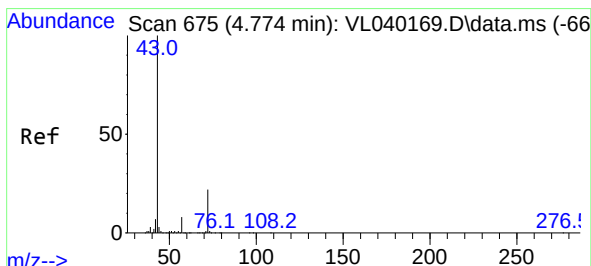
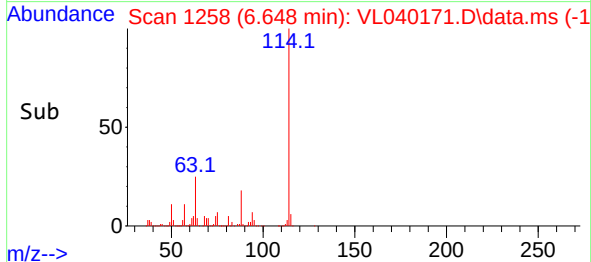
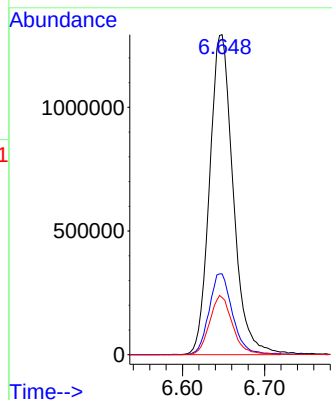
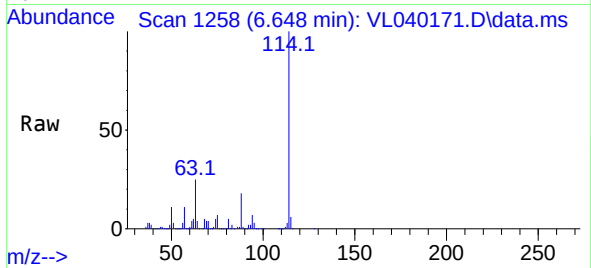




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

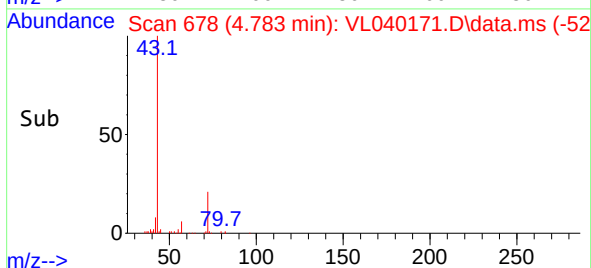
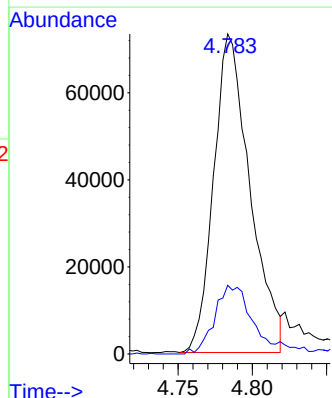
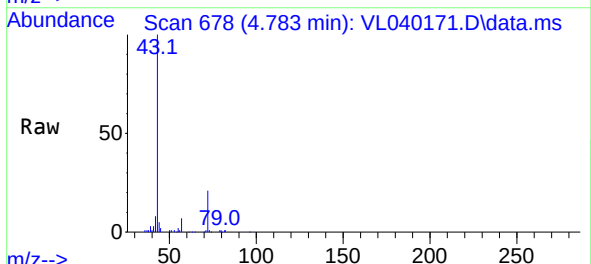
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

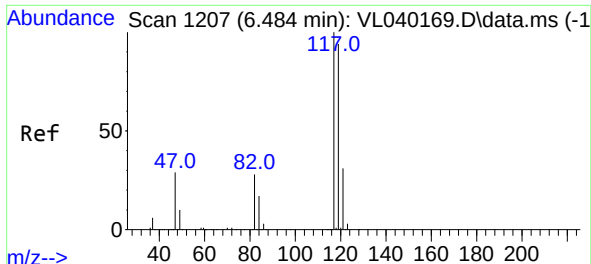
Tgt Ion:114 Resp: 2579590
Ion Ratio Lower Upper
114 100
63 25.5 20.4 30.6
88 18.1 14.3 21.5



#34
2-Butanone
Concen: 0.979 ppbv
RT: 4.783 min Scan# 678
Delta R.T. 0.010 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Tgt Ion: 43 Resp: 124553
Ion Ratio Lower Upper
43 100
72 24.2 17.8 26.8

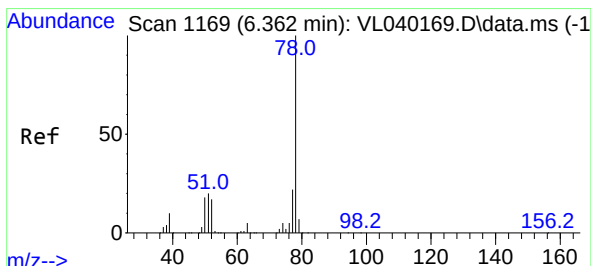
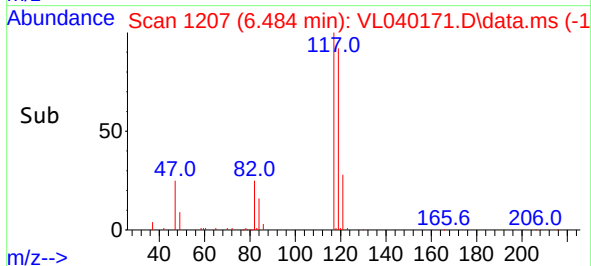
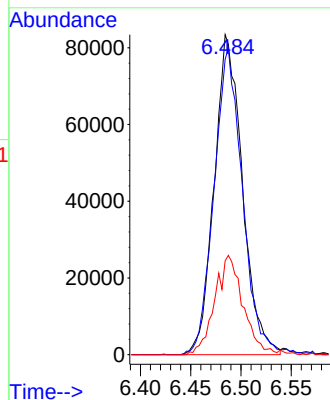
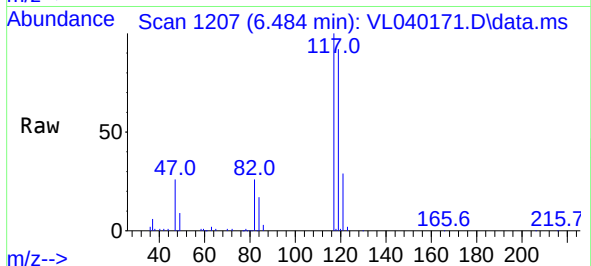




#35
Carbon Tetrachloride
Concen: 1.067 ppbv
RT: 6.484 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

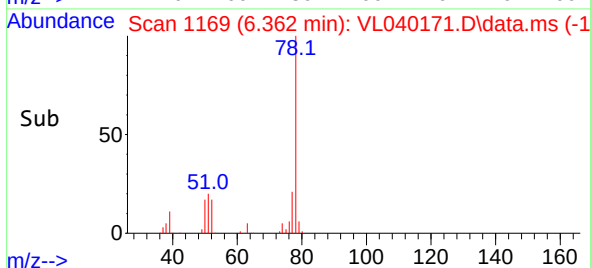
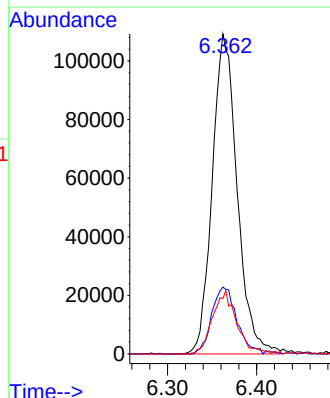
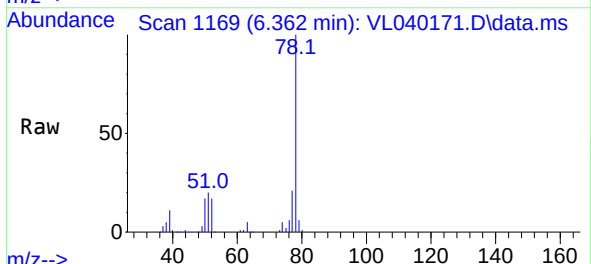
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

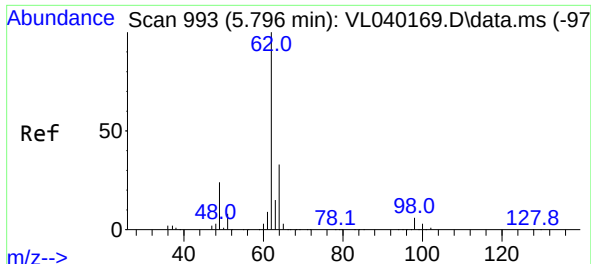
Tgt Ion:117 Resp: 162680
Ion Ratio Lower Upper
117 100
119 92.4 75.0 112.6
121 29.3 25.0 37.4



#36
Benzene
Concen: 1.056 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Tgt Ion: 78 Resp: 211925
Ion Ratio Lower Upper
78 100
77 20.9 17.5 26.3
50 17.1 14.6 22.0

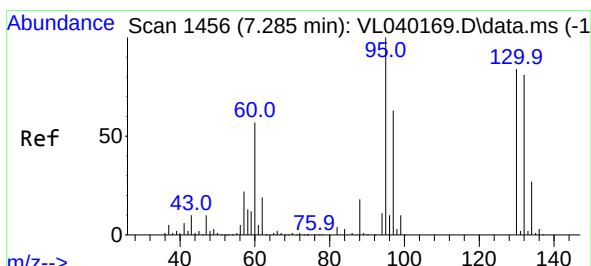
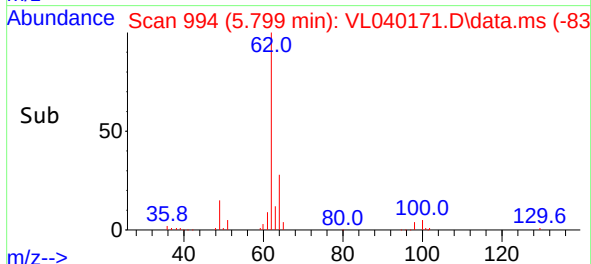
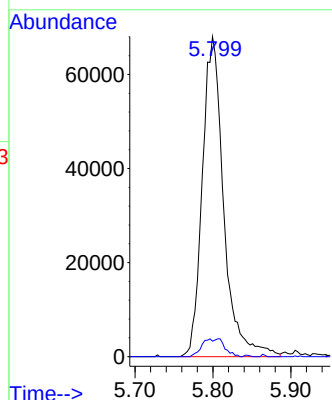
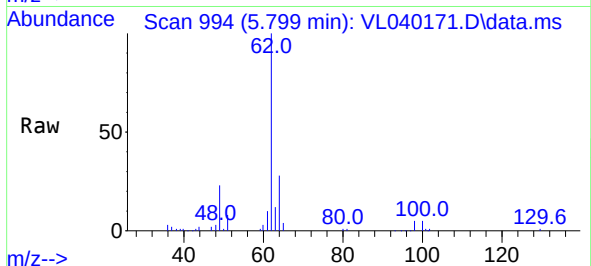




#37
1,2-Dichloroethane
Concen: 1.034 ppbv
RT: 5.799 min Scan# 993
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

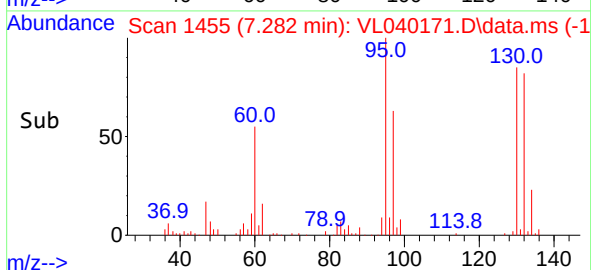
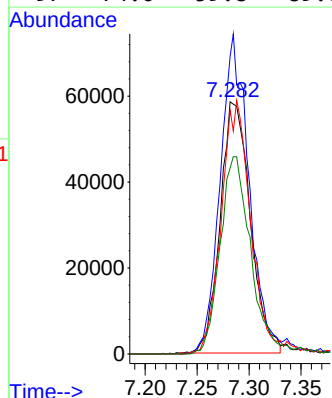
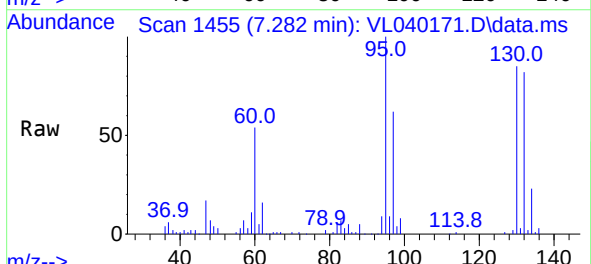
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

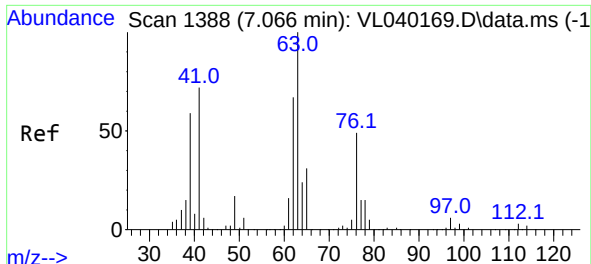
Tgt Ion: 62 Resp: 129875
Ion Ratio Lower Upper
62 100
98 5.9 4.7 7.1



#38
Trichloroethene
Concen: 1.068 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. -0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Tgt Ion:130 Resp: 118115
Ion Ratio Lower Upper
130 100
95 118.4 94.7 142.1
132 97.0 76.4 114.6
97 74.0 59.8 89.6





#39

1,2-Dichloropropane

Concen: 0.502 ppbv

RT: 7.069 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040171.D

Acq: 15 Feb 2023 11:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

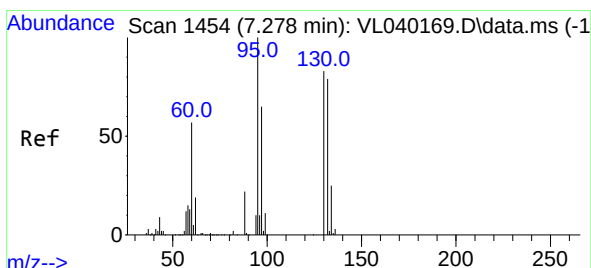
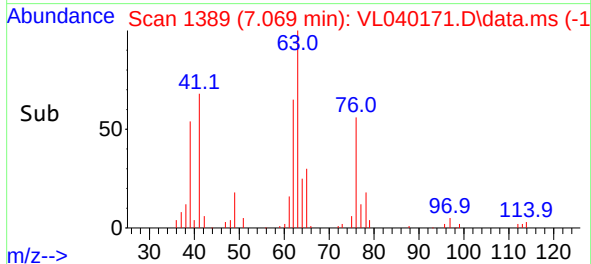
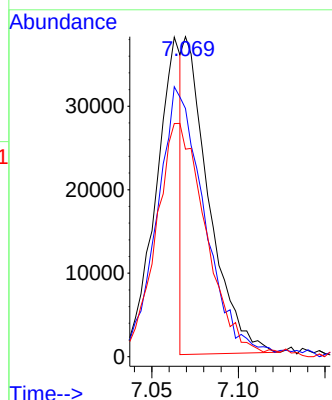
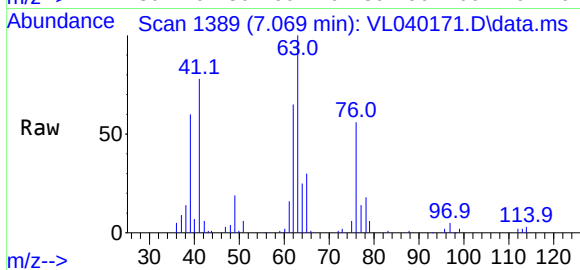
Tgt Ion: 63 Resp: 39196

Ion Ratio Lower Upper

63 100

41 76.7 57.6 86.4

62 64.4 54.0 81.0



#40

1,4-Dioxane

Concen: 0.423 ppbv

RT: 7.301 min Scan# 1461

Delta R.T. 0.022 min

Lab File: VL040171.D

Acq: 15 Feb 2023 11:46

Tgt Ion: 88 Resp: 13219

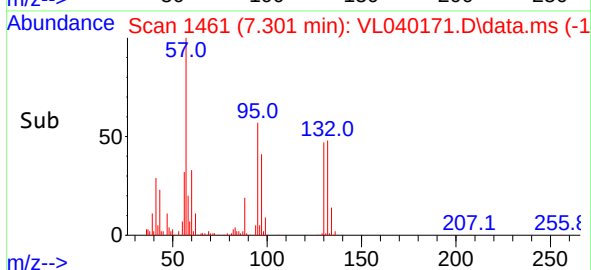
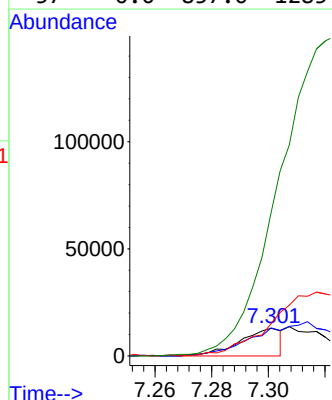
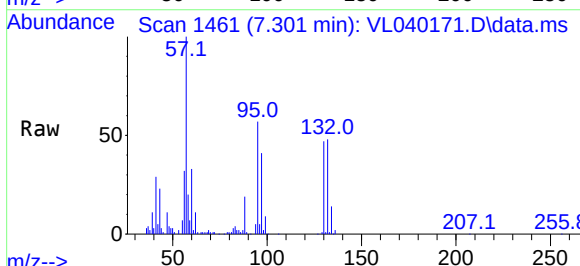
Ion Ratio Lower Upper

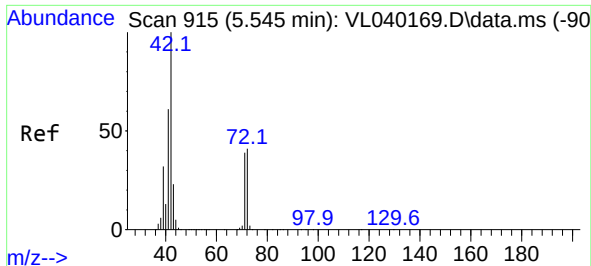
88 100

58 0.0 97.4 146.0#

43 0.0 193.5 290.3#

57 0.0 857.0 1285.6#





#41

Tetrahydrofuran

Concen: 0.998 ppbv

RT: 5.561 min Scan# 91

Delta R.T. 0.016 min

Lab File: VL040171.D

Acq: 15 Feb 2023 11:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

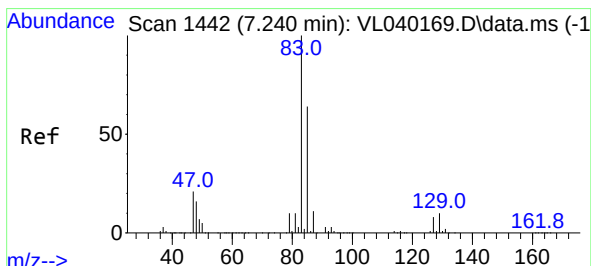
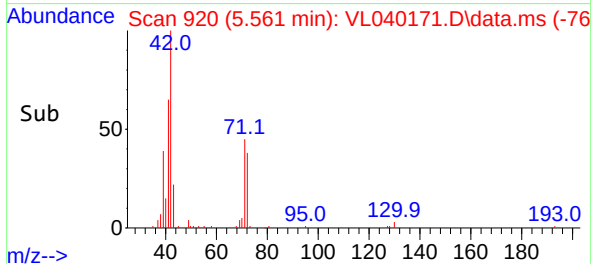
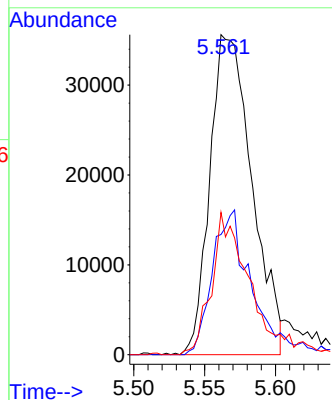
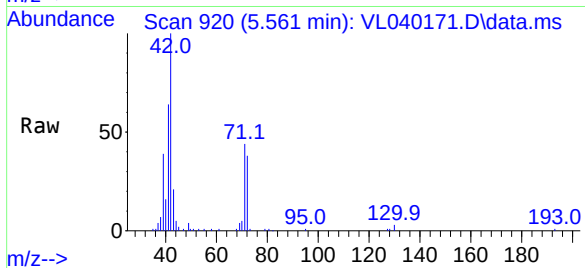
Tgt Ion: 42 Resp: 73576

Ion Ratio Lower Upper

42 100

72 43.4 33.0 49.4

71 41.8 31.4 47.2



#42

Bromodichloromethane

Concen: 0.993 ppbv

RT: 7.243 min Scan# 1443

Delta R.T. 0.003 min

Lab File: VL040171.D

Acq: 15 Feb 2023 11:46

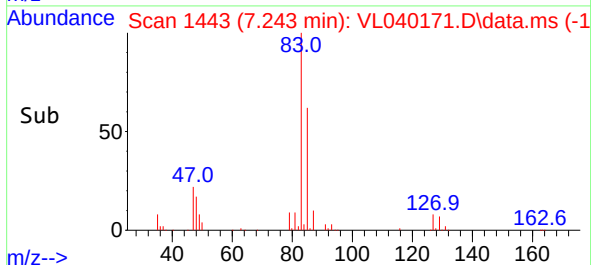
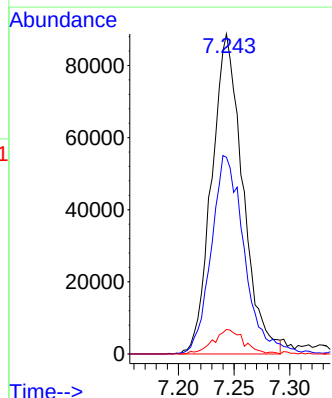
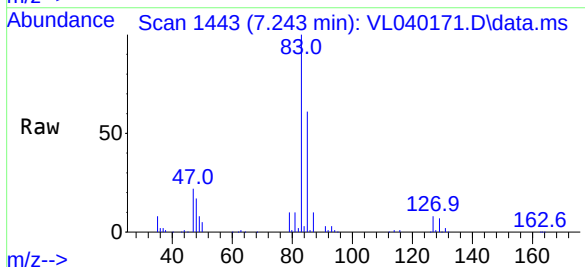
Tgt Ion: 83 Resp: 172165

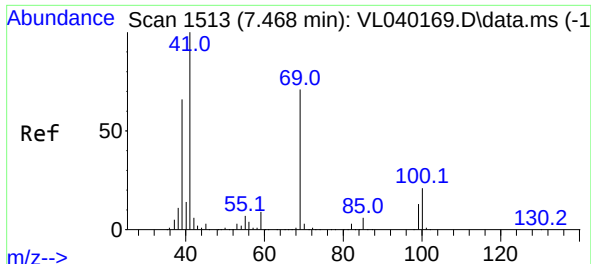
Ion Ratio Lower Upper

83 100

85 61.2 50.9 76.3

127 7.6 6.2 9.2

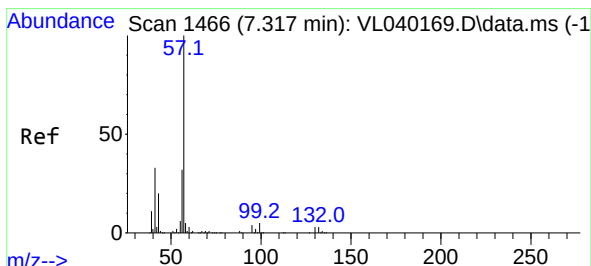
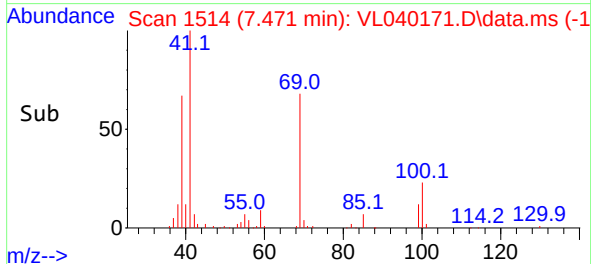
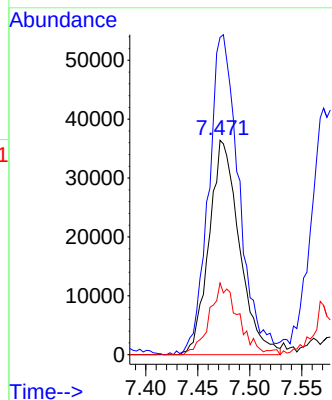
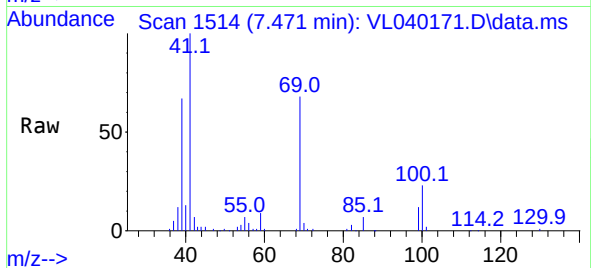




#43
Methyl Methacrylate
Concen: 0.995 ppbv
RT: 7.471 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

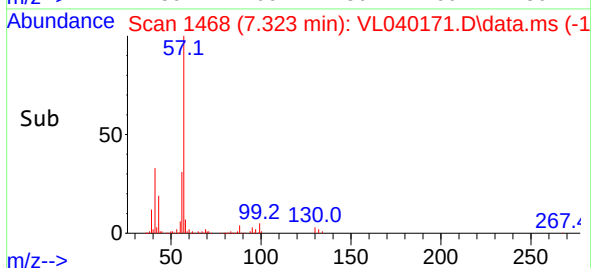
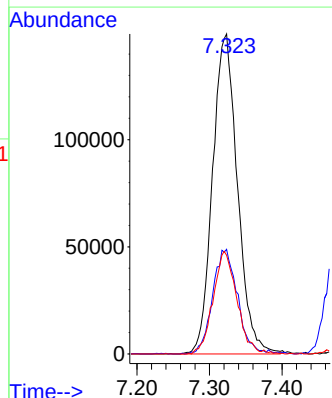
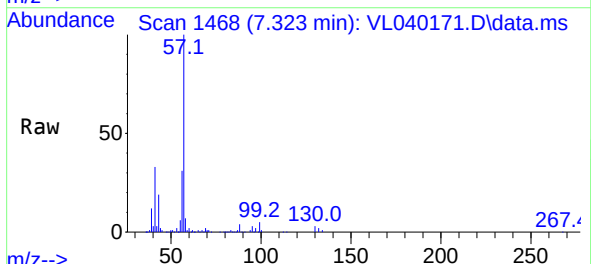
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC001

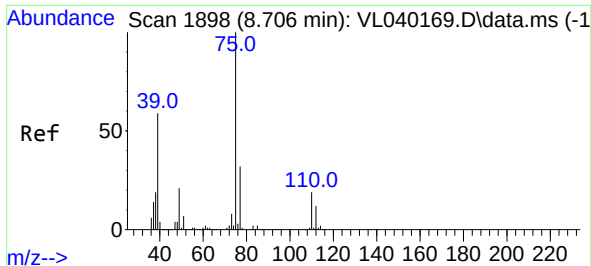
Tgt Ion: 69 Resp: 73923
Ion Ratio Lower Upper
69 100
41 148.9 116.6 174.8
100 32.2 25.6 38.4



#44
2,2,4-Trimethylpentane
Concen: 1.062 ppbv
RT: 7.323 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Tgt Ion: 57 Resp: 355902
Ion Ratio Lower Upper
57 100
41 33.0 26.2 39.4
56 30.8 24.9 37.3

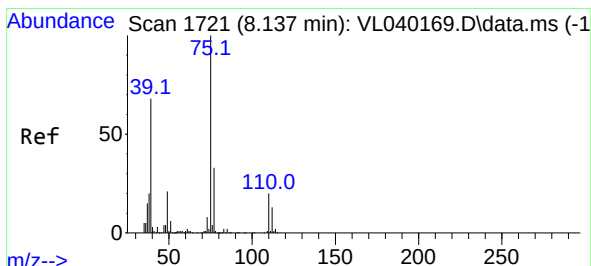
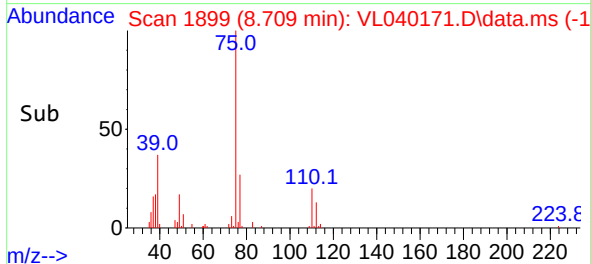
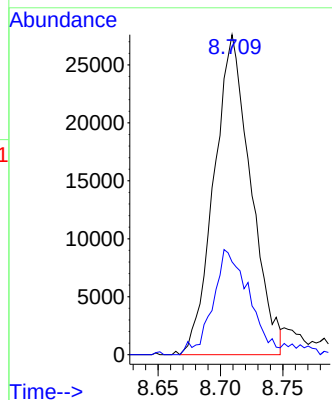
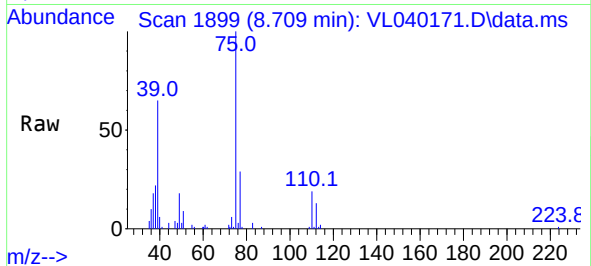




#45
 t-1,3-Dichloropropene
 Concen: 0.857 ppbv
 RT: 8.709 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VL040171.D
 Acq: 15 Feb 2023 11:46

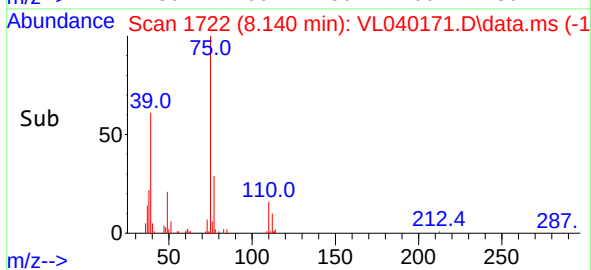
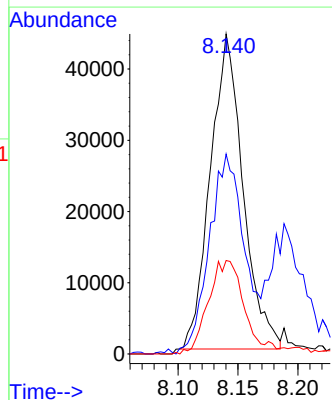
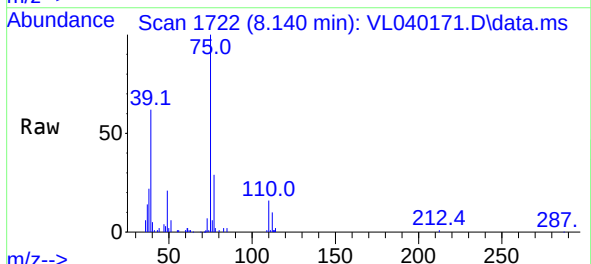
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

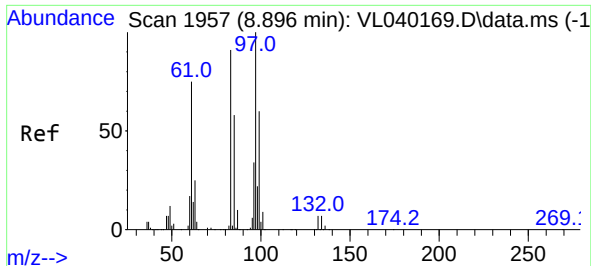
Tgt Ion: 75 Resp: 56484
 Ion Ratio Lower Upper
 75 100
 77 29.0 25.7 38.5



#46
 cis-1,3-Dichloropropene
 Concen: 0.913 ppbv
 RT: 8.140 min Scan# 1722
 Delta R.T. 0.003 min
 Lab File: VL040171.D
 Acq: 15 Feb 2023 11:46

Tgt Ion: 75 Resp: 83818
 Ion Ratio Lower Upper
 75 100
 39 61.6 54.2 81.2
 77 29.7 26.0 39.0





#47

1,1,2-Trichloroethane

Concen: 1.025 ppbv

RT: 8.896 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VL040171.D

Acq: 15 Feb 2023 11:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 86555

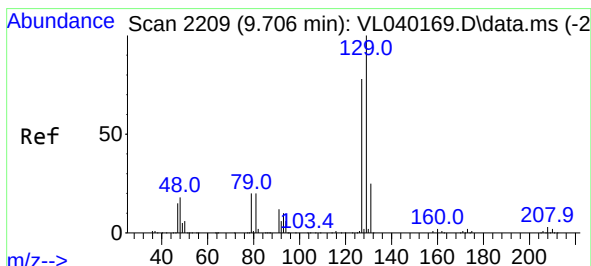
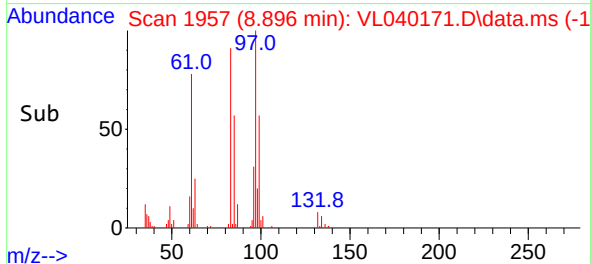
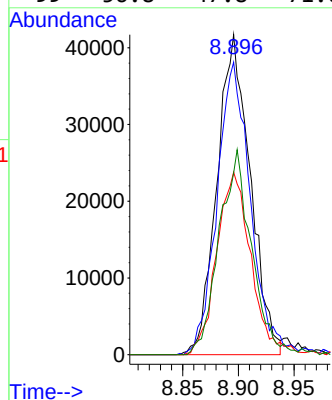
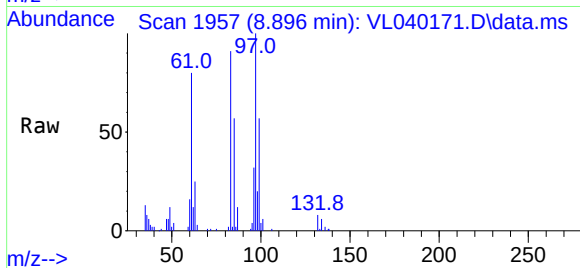
Ion Ratio Lower Upper

97 100

83 91.0 72.8 109.2

85 57.0 46.6 69.8

99 56.8 47.8 71.6



#48

Dibromochloromethane

Concen: 0.957 ppbv

RT: 9.709 min Scan# 2210

Delta R.T. 0.003 min

Lab File: VL040171.D

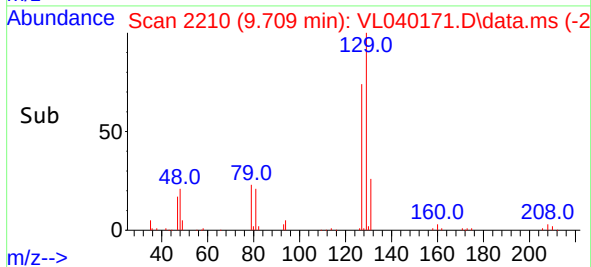
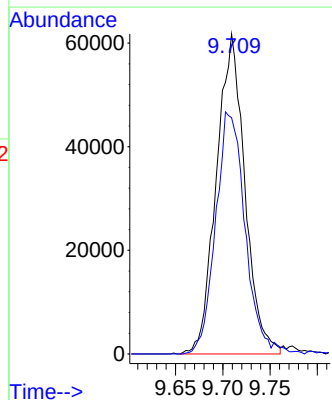
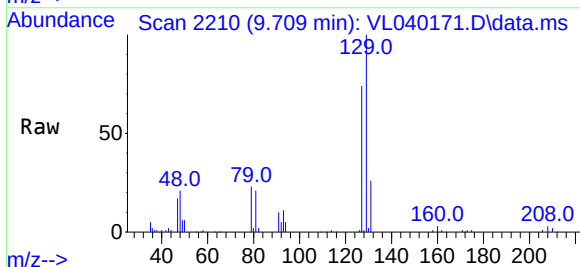
Acq: 15 Feb 2023 11:46

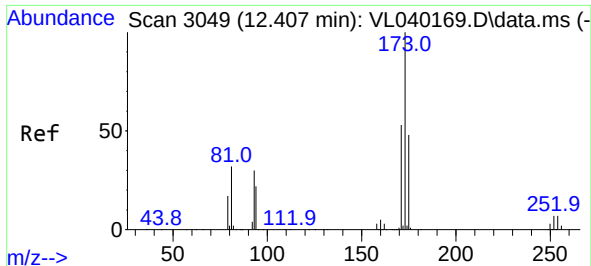
Tgt Ion: 129 Resp: 129258

Ion Ratio Lower Upper

129 100

127 78.9 39.1 117.2

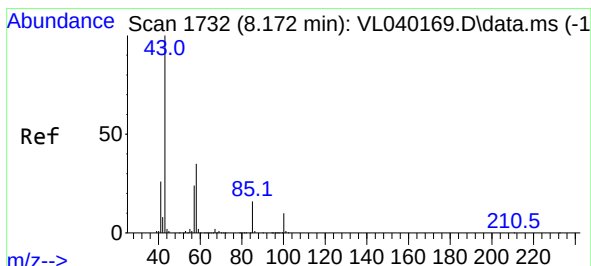
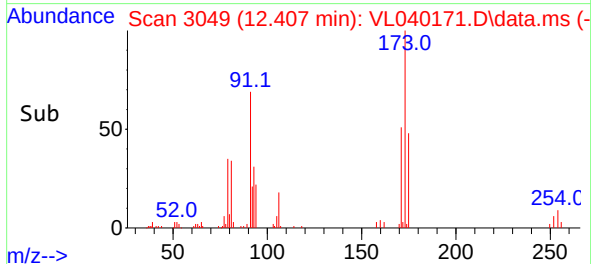
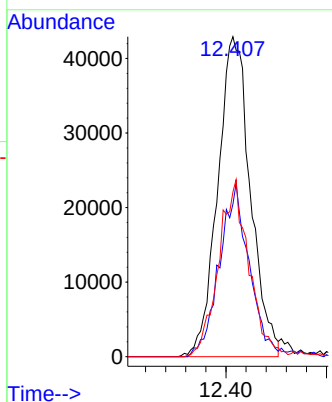
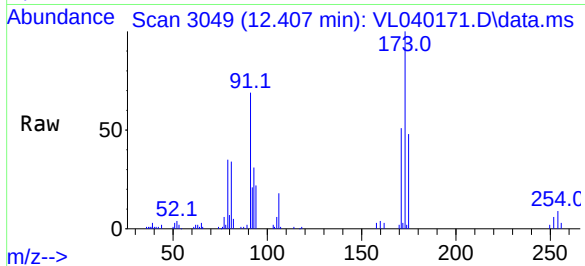




#49
Bromoform
Concen: 0.919 ppbv
RT: 12.407 min Scan# 3049
Delta R.T. -0.000 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

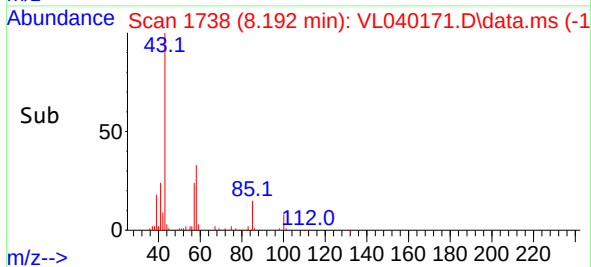
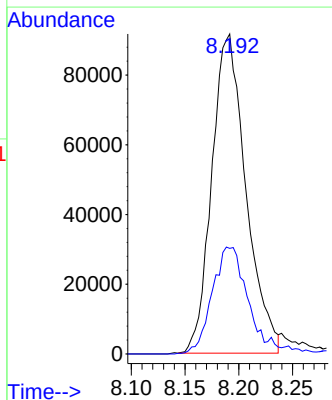
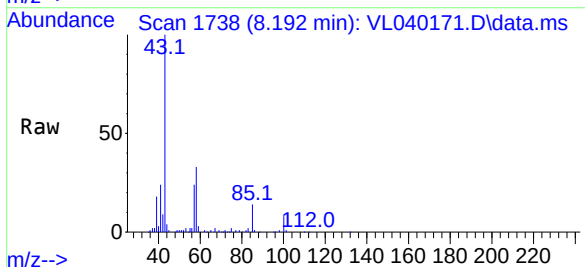
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

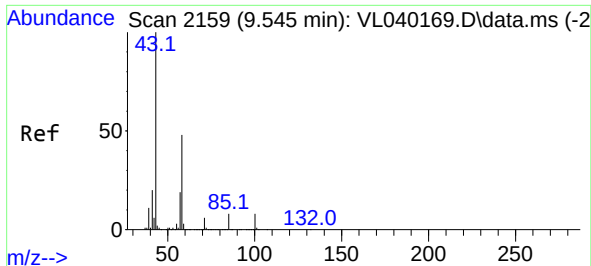
Tgt Ion:173 Resp: 96896
Ion Ratio Lower Upper
173 100
175 50.6 39.4 59.0
171 52.4 41.8 62.6



#50
4-Methyl-2-Pentanone
Concen: 1.024 ppbv
RT: 8.192 min Scan# 1738
Delta R.T. 0.019 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Tgt Ion: 43 Resp: 202380
Ion Ratio Lower Upper
43 100
58 36.6 29.2 43.8

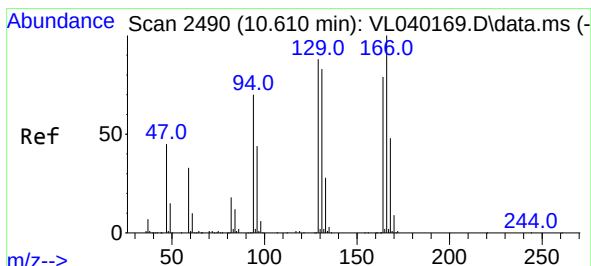
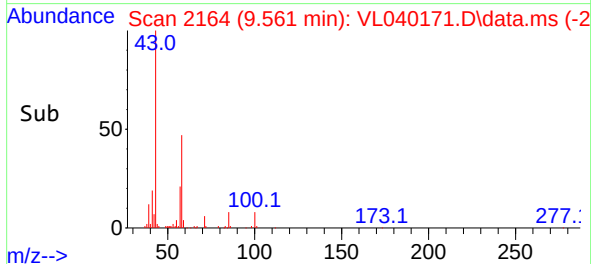
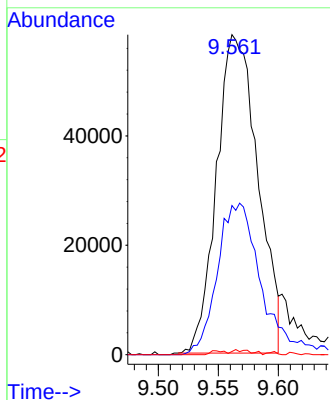
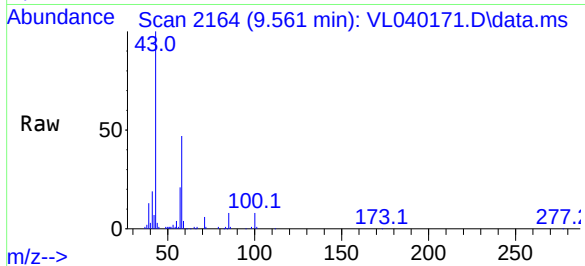




#51
2-Hexanone
Concen: 0.914 ppbv
RT: 9.561 min Scan# 2159
Delta R.T. 0.016 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

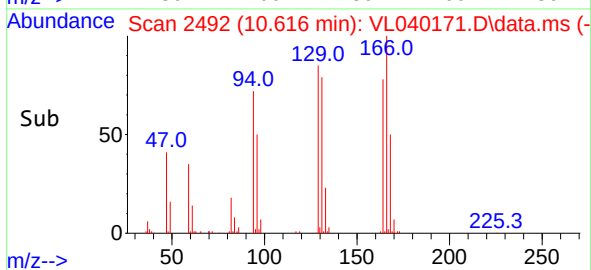
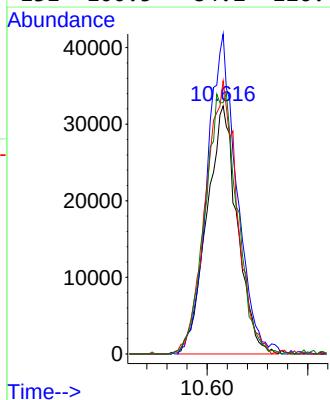
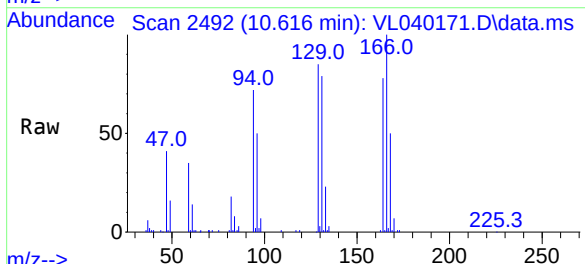
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

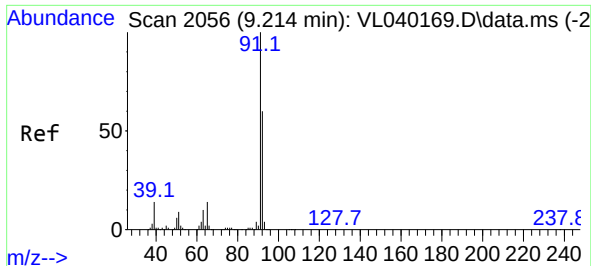
Tgt Ion: 43 Resp: 138925
Ion Ratio Lower Upper
43 100
58 53.0 39.1 58.7
98 1.5 0.2 0.4#



#52
Tetrachloroethene
Concen: 1.089 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. 0.006 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Tgt Ion: 164 Resp: 68255
Ion Ratio Lower Upper
164 100
166 129.0 101.5 152.3
129 109.4 89.0 133.4
131 100.5 84.2 126.4

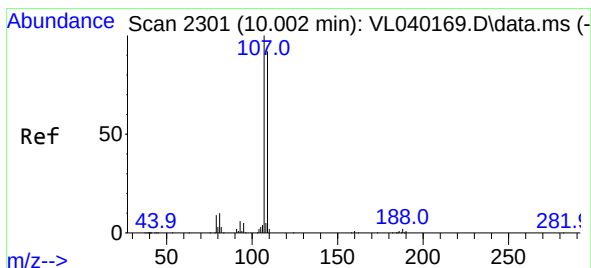
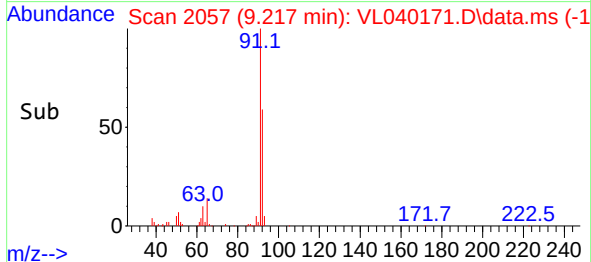
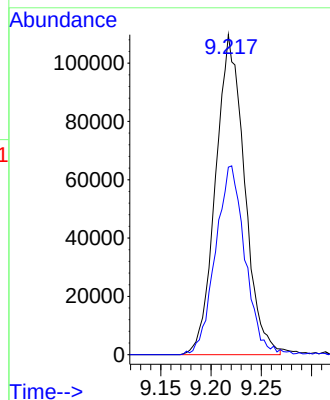
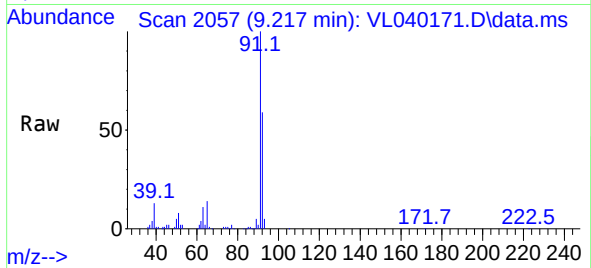




#53
Toluene
Concen: 1.018 ppbv
RT: 9.217 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

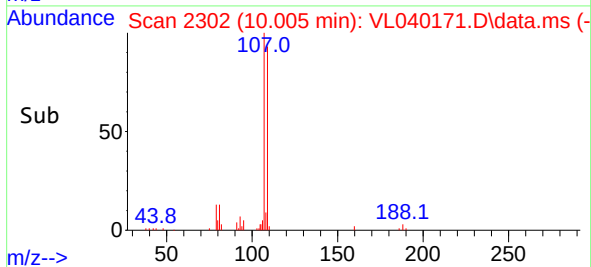
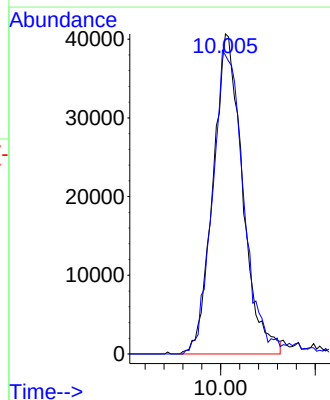
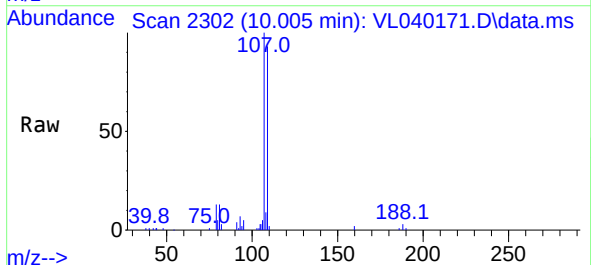
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

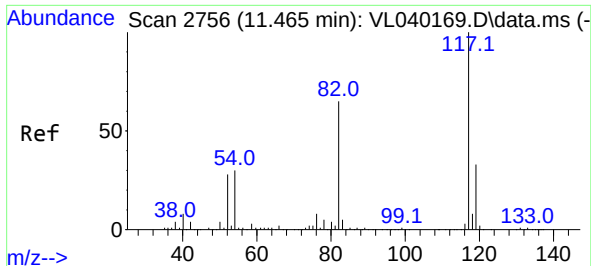
Tgt Ion: 91 Resp: 218925
Ion Ratio Lower Upper
91 100
92 61.1 48.9 73.3



#54
1,2-Dibromoethane
Concen: 1.004 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Tgt Ion: 107 Resp: 88207
Ion Ratio Lower Upper
107 100
109 93.3 73.8 110.8

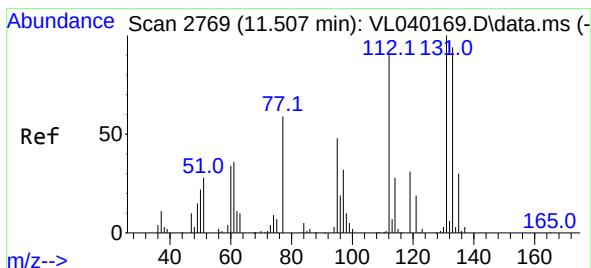
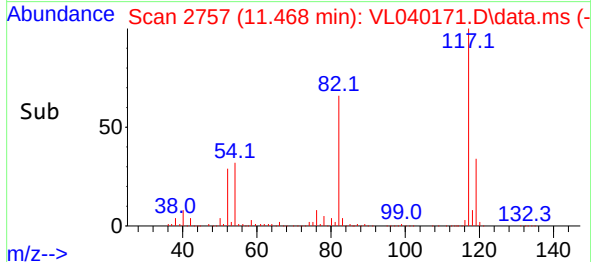
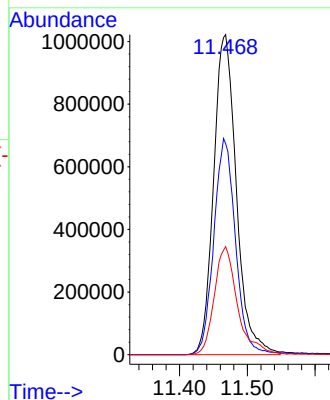
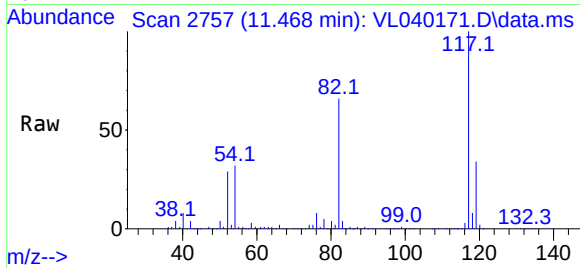




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

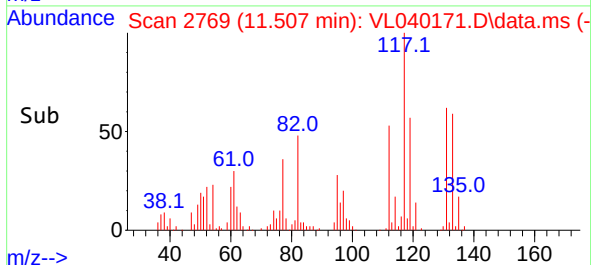
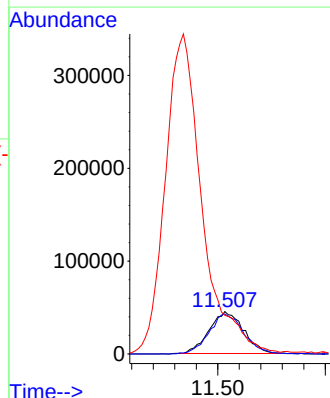
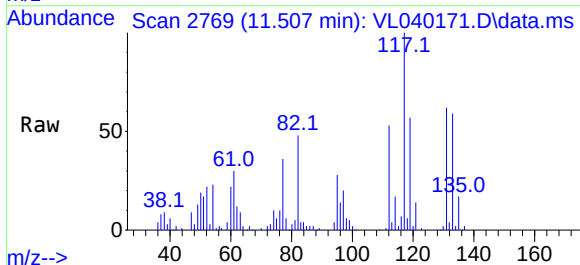
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

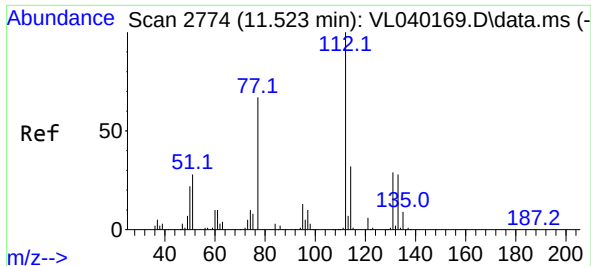
Tgt Ion:117 Resp: 2387673
Ion Ratio Lower Upper
117 100
82 64.8 53.3 79.9
119 34.4 24.6 37.0



#56
1,1,1,2-Tetrachloroethane
Concen: 0.993 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. -0.000 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Tgt Ion:131 Resp: 99536
Ion Ratio Lower Upper
131 100
133 97.5 76.2 114.2
119 825.4 45.4 68.0#

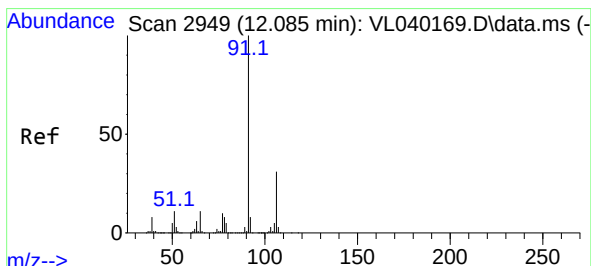
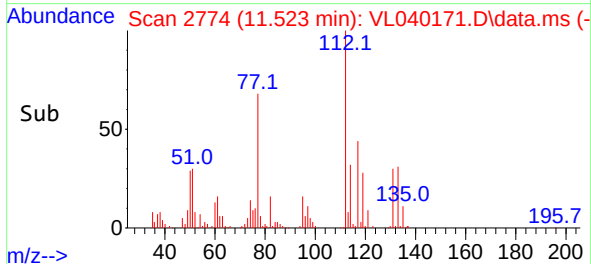
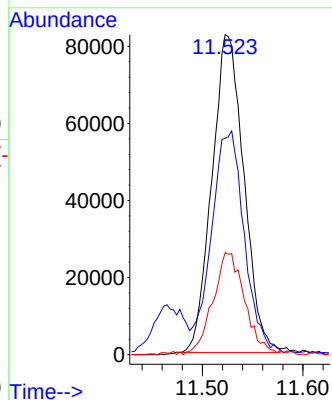
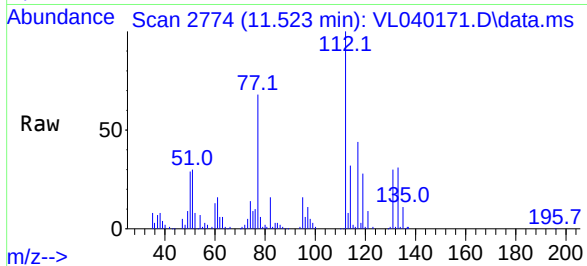




#57
Chlorobenzene
Concen: 1.043 ppbv
RT: 11.523 min Scan# 211
Delta R.T. -0.000 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

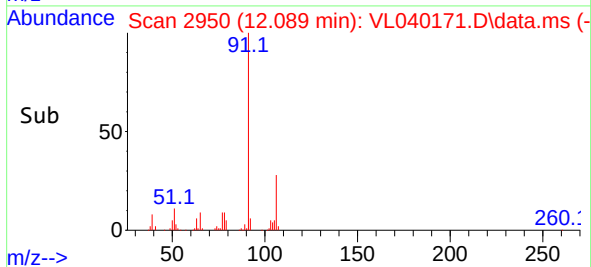
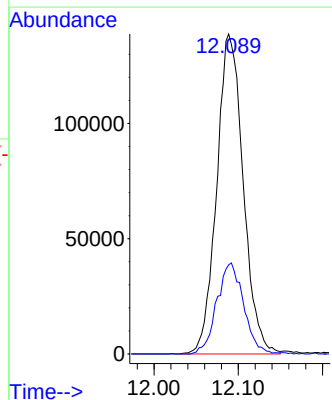
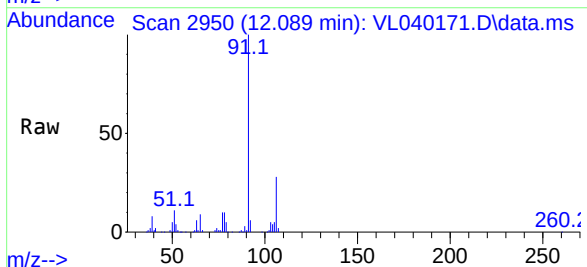
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

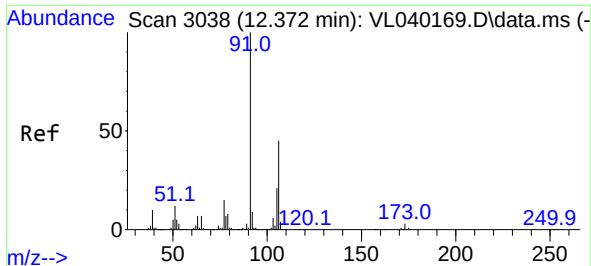
Tgt Ion:112 Resp: 181894
Ion Ratio Lower Upper
112 100
77 66.6 55.0 82.4
114 31.3 29.0 35.4



#58
Ethyl Benzene
Concen: 1.043 ppbv
RT: 12.089 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Tgt Ion: 91 Resp: 302635
Ion Ratio Lower Upper
91 100
106 27.9 24.9 37.3





#59

m/p-Xylene

Concen: 0.720 ppbv

RT: 12.375 min Scan# 3038

Delta R.T. 0.003 min

Lab File: VL040171.D

Acq: 15 Feb 2023 11:46

Instrument :

MSVOA_L

ClientSampleId :

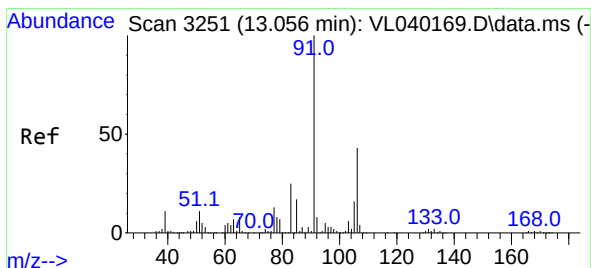
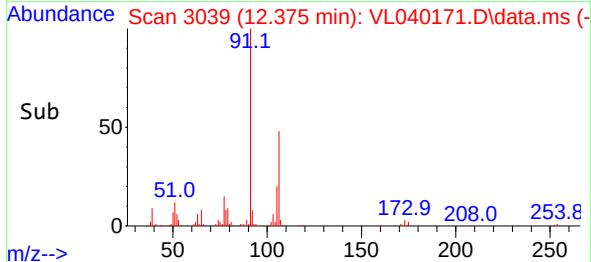
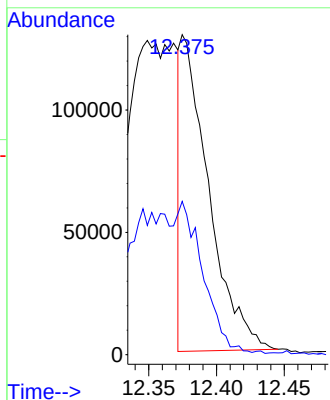
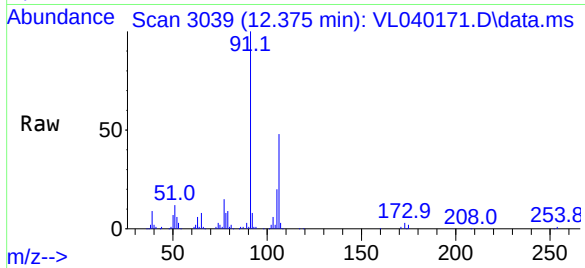
VSTDIC001

Tgt Ion: 91 Resp: 185084

Ion Ratio Lower Upper

91 100

106 123.7 34.6 51.8#



#60

o-Xylene

Concen: 1.052 ppbv

RT: 13.063 min Scan# 3253

Delta R.T. 0.006 min

Lab File: VL040171.D

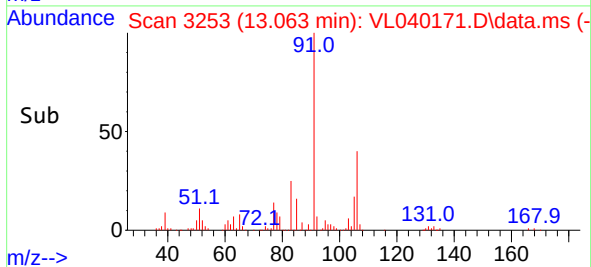
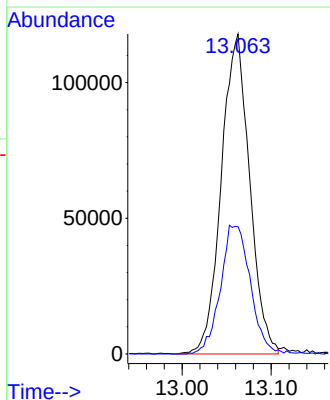
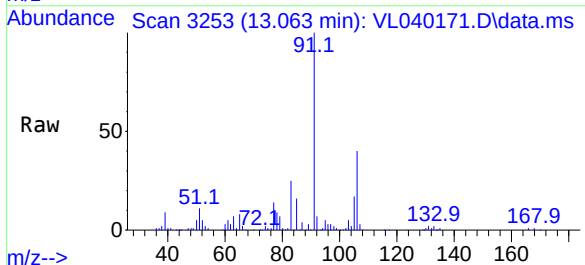
Acq: 15 Feb 2023 11:46

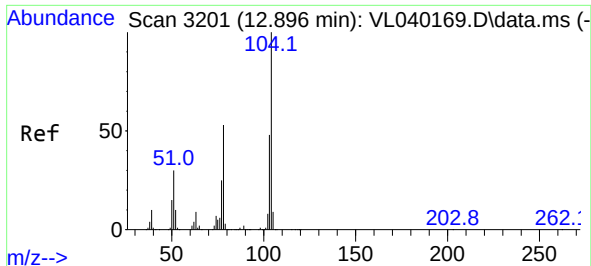
Tgt Ion: 91 Resp: 260122

Ion Ratio Lower Upper

91 100

106 42.7 21.6 65.0

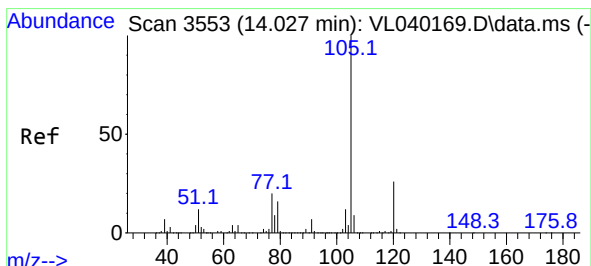
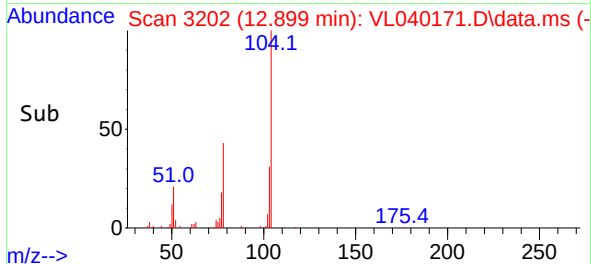
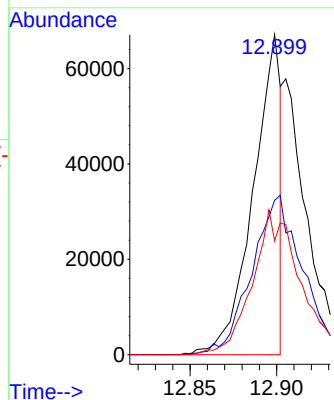
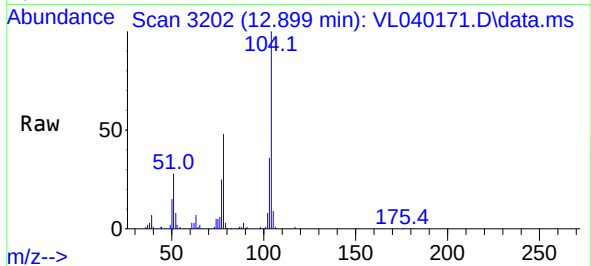




#61
Styrene
Concen: 0.570 ppbv
RT: 12.899 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

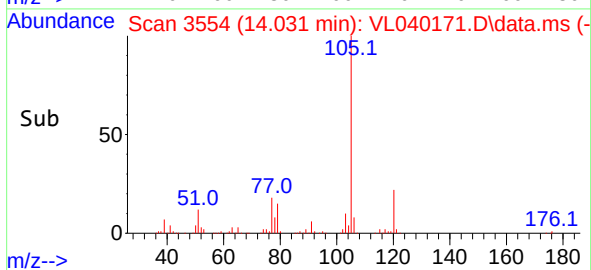
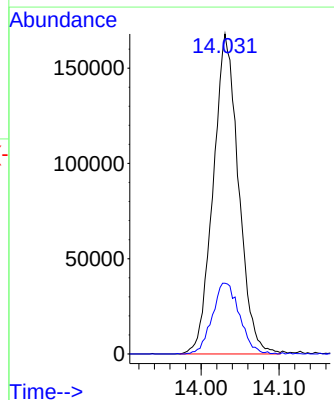
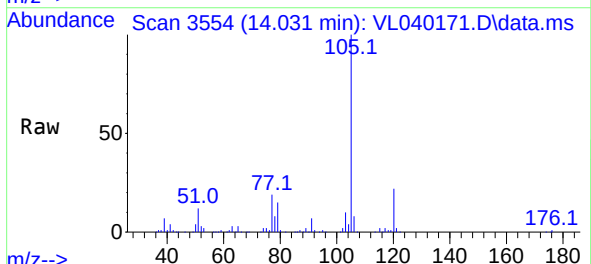
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

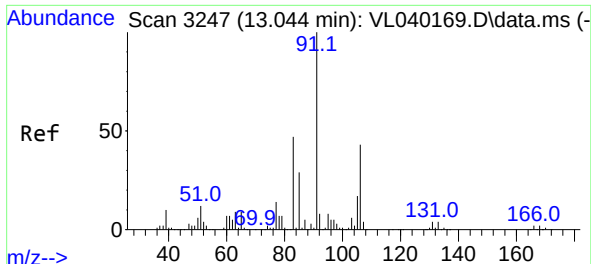
Tgt Ion:104 Resp: 73957
Ion Ratio Lower Upper
104 100
78 0.0 42.3 63.5#
103 80.0 37.5 56.3#



#62
Isopropylbenzene
Concen: 1.070 ppbv
RT: 14.031 min Scan# 3554
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Tgt Ion:105 Resp: 379687
Ion Ratio Lower Upper
105 100
120 23.9 20.3 30.5

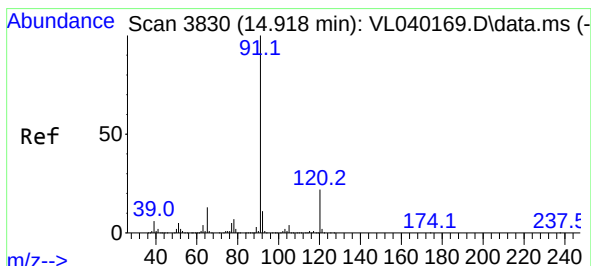
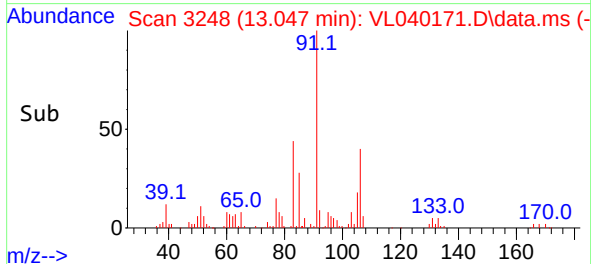
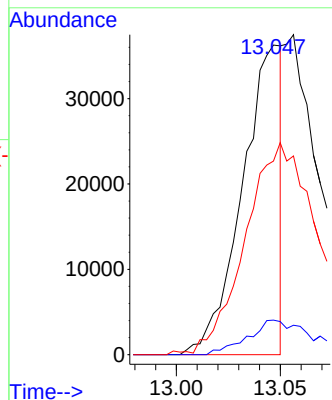
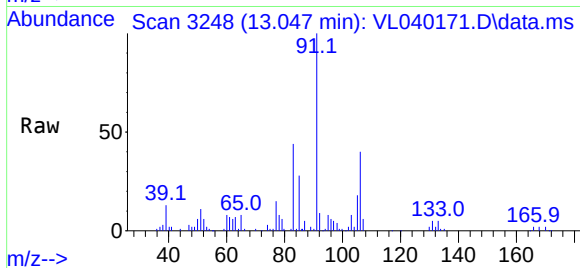




#63
1,1,2-Tetrachloroethane
Concen: 0.535 ppbv
RT: 13.047 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

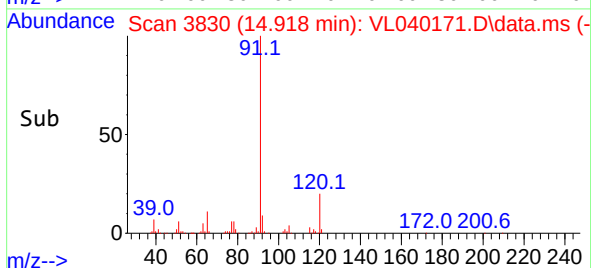
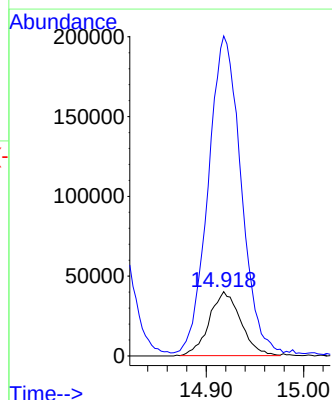
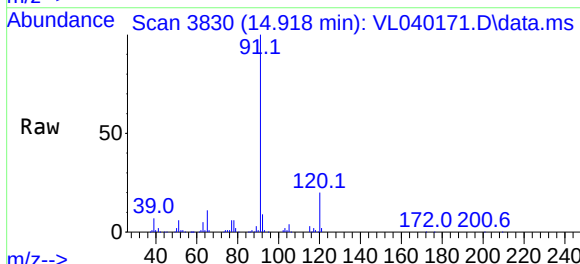
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

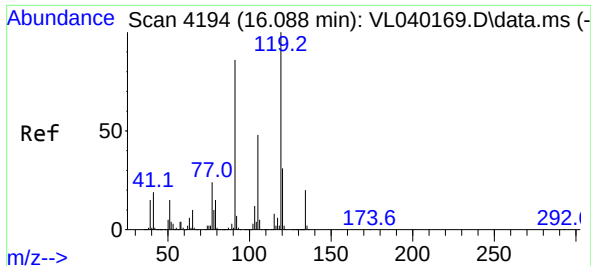
Tgt Ion: 83 Resp: 47664
Ion Ratio Lower Upper
83 100
131 18.7 4.4 13.2#
85 129.5 33.0 99.0#



#64
n-propylbenzene
Concen: 1.022 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. -0.000 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Tgt Ion:120 Resp: 89802
Ion Ratio Lower Upper
120 100
91 533.6 389.8 584.8

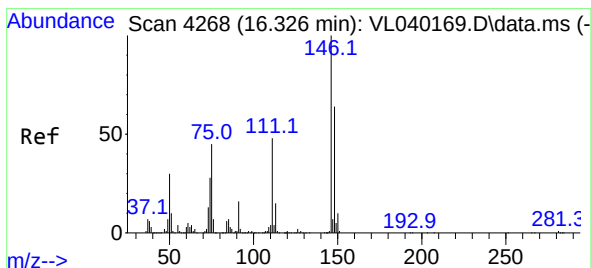
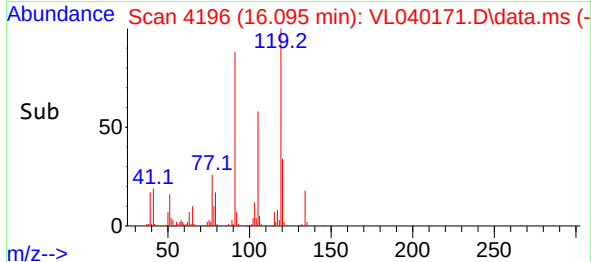
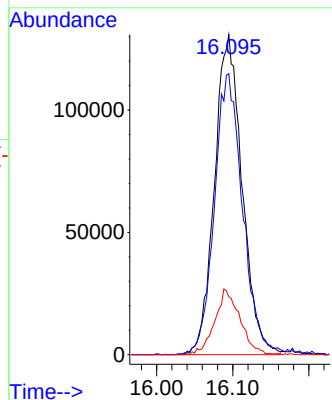
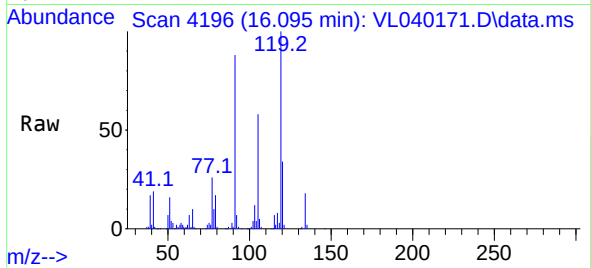




#65
tert-Butylbenzene
Concen: 1.070 ppbv
RT: 16.095 min Scan# 4196
Delta R.T. 0.006 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

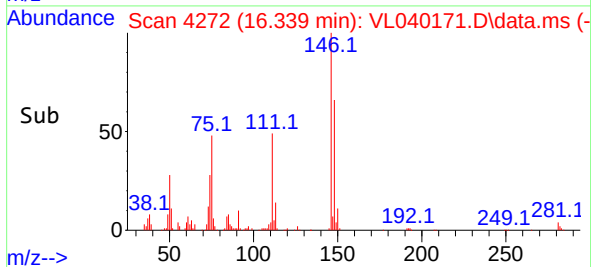
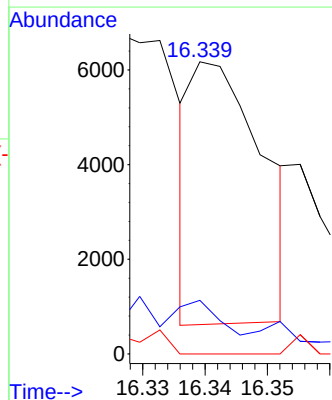
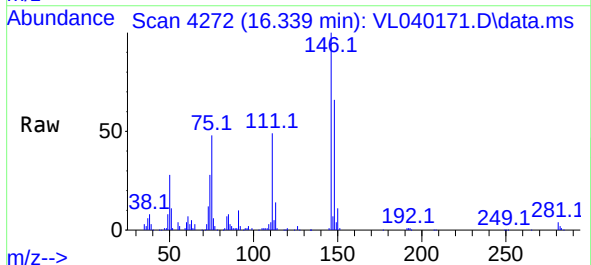
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

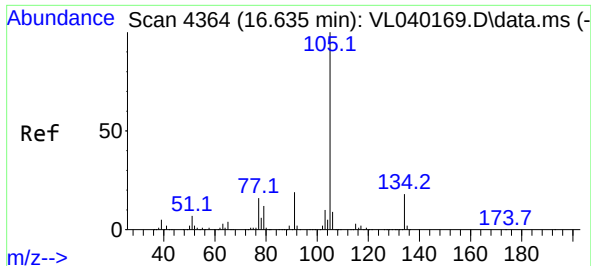
Tgt Ion:119 Resp: 330220
Ion Ratio Lower Upper
119 100
91 90.4 68.6 102.8
134 18.8 15.9 23.9



#66
Benzyl Chloride
Concen: 0.211 ppbv
RT: 16.339 min Scan# 4272
Delta R.T. 0.013 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Tgt Ion: 91 Resp: 4333
Ion Ratio Lower Upper
91 100
126 64.5 13.1 19.7#
128 12.9 4.1 6.1#

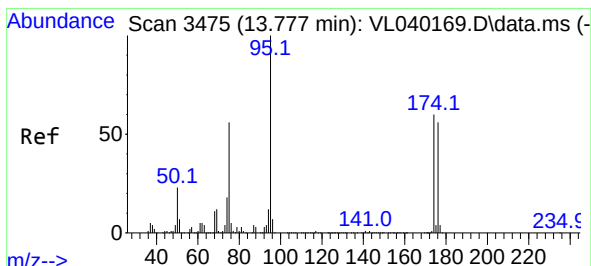
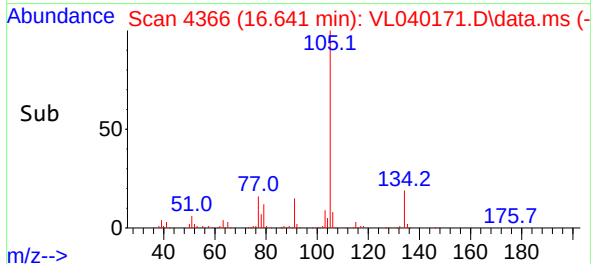
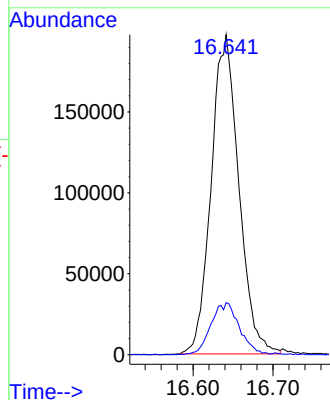
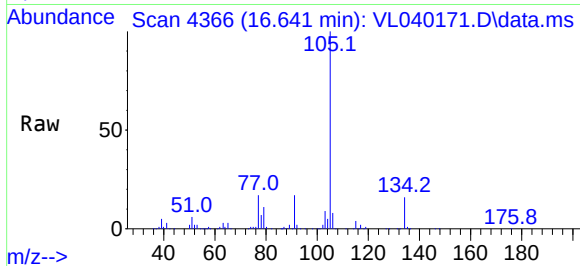




#67
 sec-Butylbenzene
 Concen: 1.070 ppbv
 RT: 16.641 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL040171.D
 Acq: 15 Feb 2023 11:46

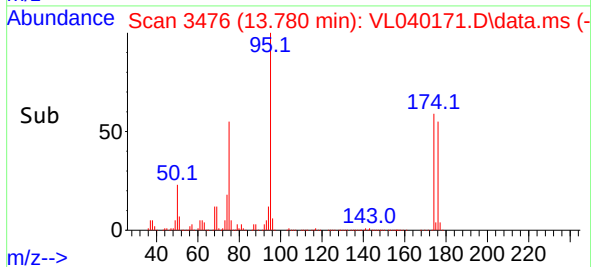
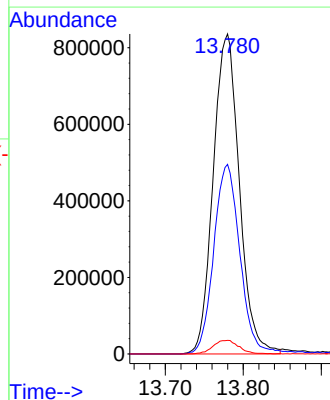
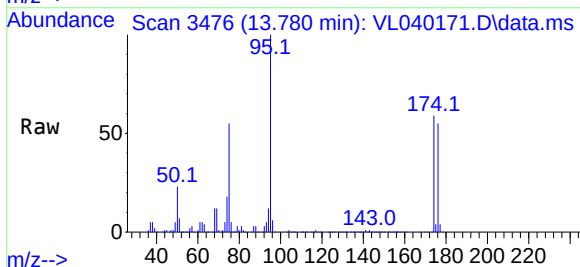
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC001

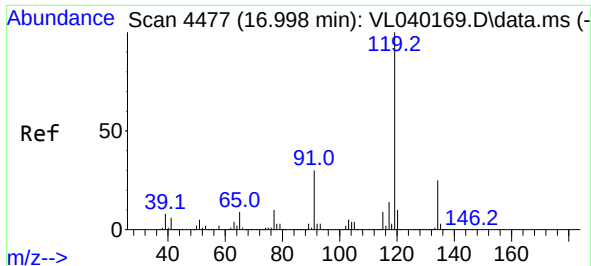
Tgt Ion:105 Resp: 473426
 Ion Ratio Lower Upper
 105 100
 134 17.0 14.1 21.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.923 ppbv
 RT: 13.780 min Scan# 3476
 Delta R.T. 0.003 min
 Lab File: VL040171.D
 Acq: 15 Feb 2023 11:46

Tgt Ion: 95 Resp: 1948331
 Ion Ratio Lower Upper
 95 100
 174 60.3 48.2 72.2
 175 4.3 3.4 5.2

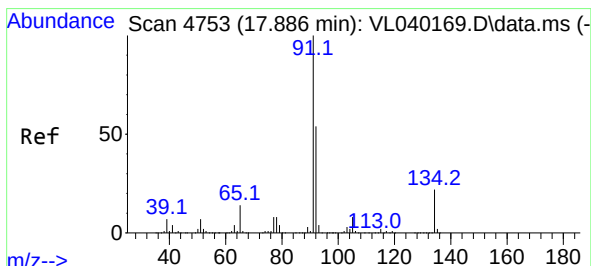
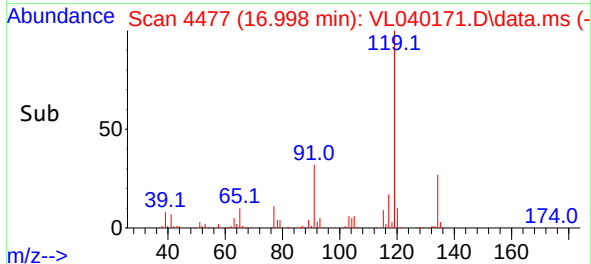
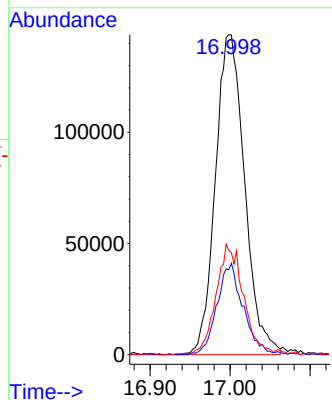
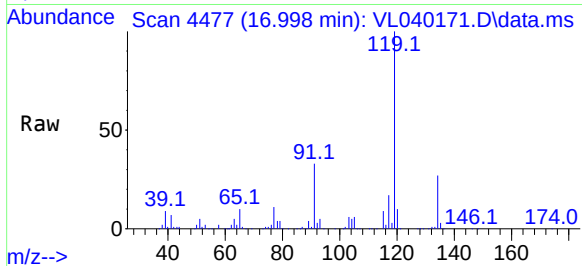




#69
p-Isopropyltoluene
Concen: 1.041 ppbv
RT: 16.998 min Scan# 4477
Delta R.T. -0.000 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

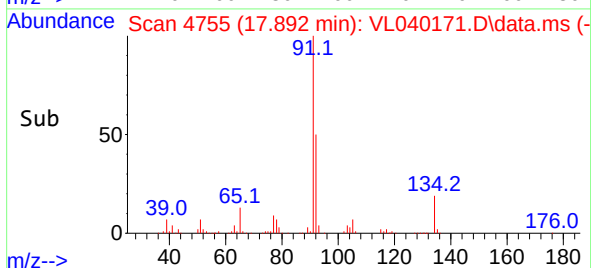
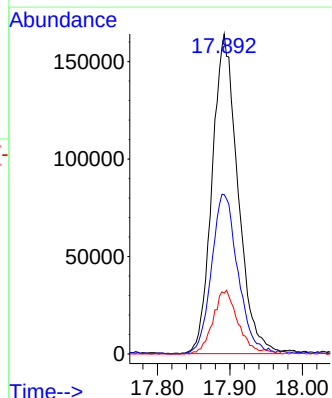
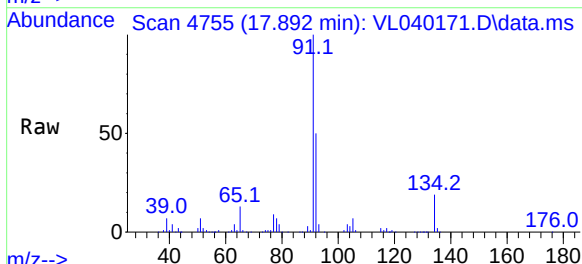
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

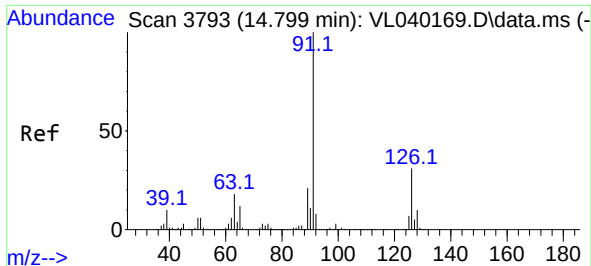
Tgt Ion:119 Resp: 365242
Ion Ratio Lower Upper
119 100
134 25.8 20.2 30.2
91 33.1 24.7 37.1



#70
n-Butylbenzene
Concen: 1.062 ppbv
RT: 17.892 min Scan# 4755
Delta R.T. 0.006 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Tgt Ion: 91 Resp: 404339
Ion Ratio Lower Upper
91 100
92 52.1 43.0 64.6
134 19.7 16.9 25.3

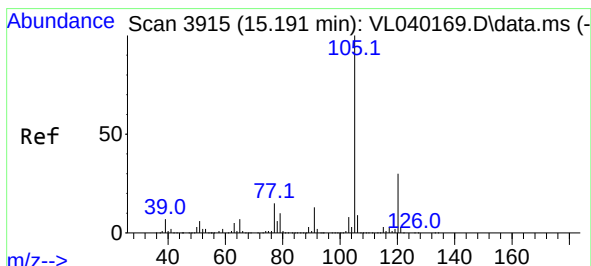
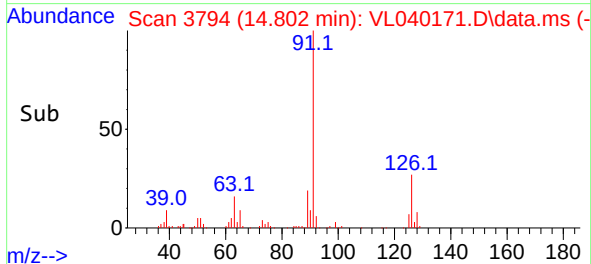
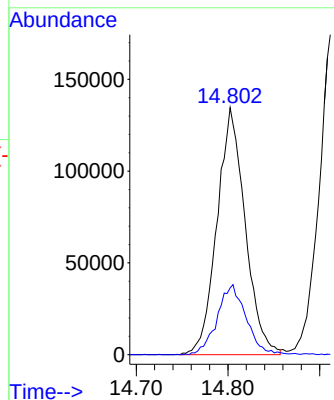
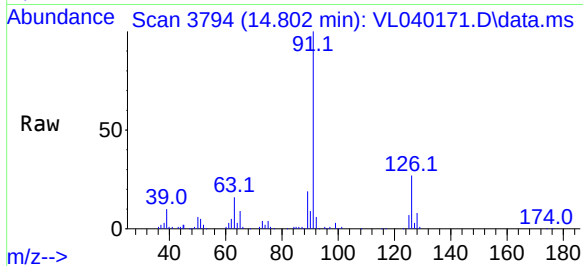




#71
2-Chlorotoluene
Concen: 1.058 ppbv
RT: 14.802 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

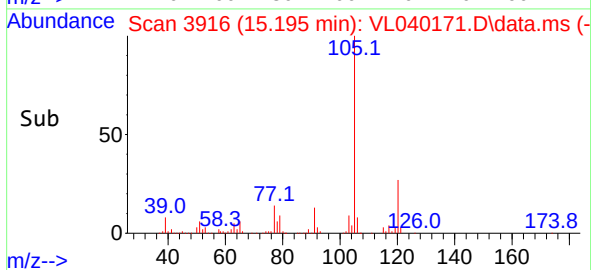
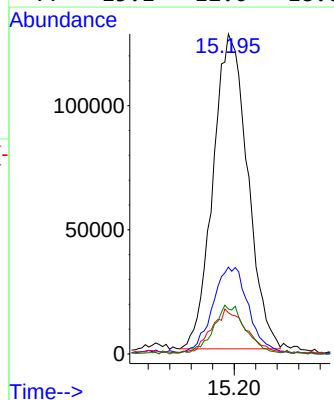
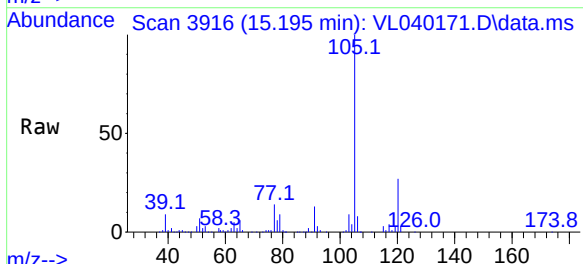
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

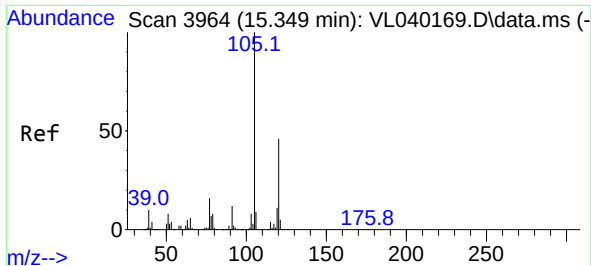
Tgt Ion: 91 Resp: 287059
Ion Ratio Lower Upper
91 100
126 29.6 12.0 48.2



#72
4-Ethyltoluene
Concen: 1.036 ppbv
RT: 15.195 min Scan# 3916
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Tgt Ion: 105 Resp: 283116
Ion Ratio Lower Upper
105 100
120 29.7 23.2 34.8
91 14.7 11.3 16.9
77 15.1 12.0 18.0

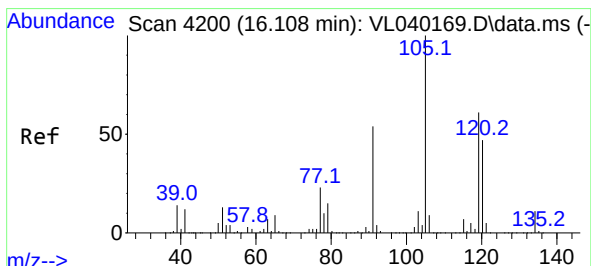
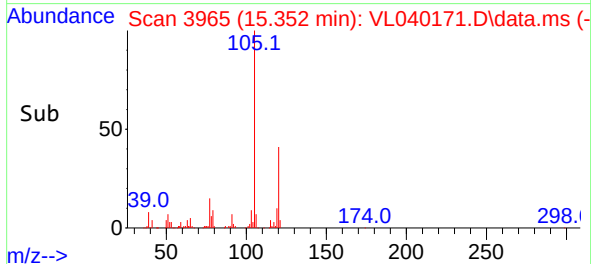
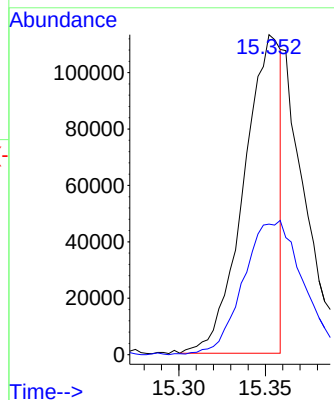
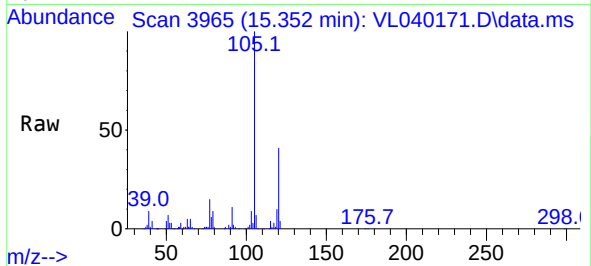




#73
1,3,5-Trimethylbenzene
Concen: 0.657 ppbv
RT: 15.352 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

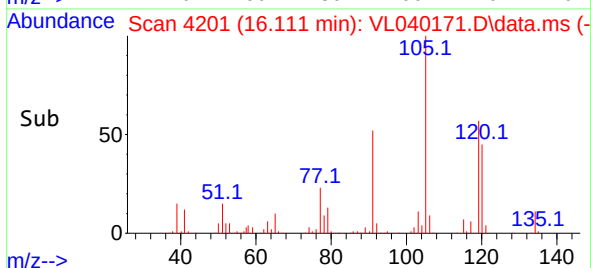
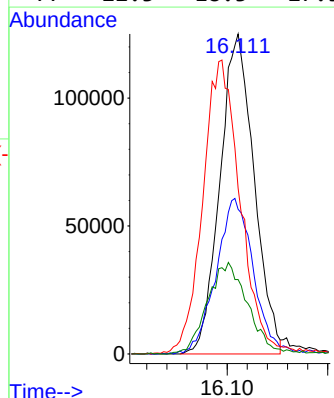
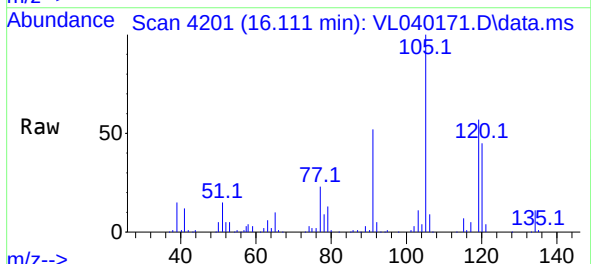
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

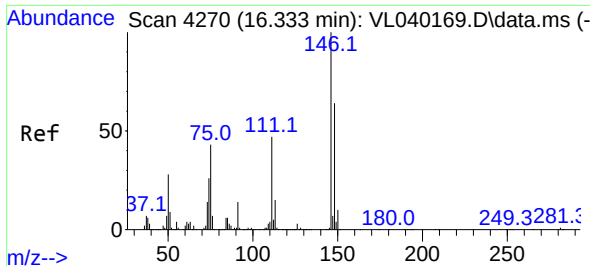
Tgt Ion:105 Resp: 167009
Ion Ratio Lower Upper
105 100
120 40.7 36.8 55.2



#74
1,2,4-Trimethylbenzene
Concen: 1.056 ppbv
RT: 16.111 min Scan# 4201
Delta R.T. 0.003 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Tgt Ion:105 Resp: 294917
Ion Ratio Lower Upper
105 100
120 44.3 37.9 56.9
91 49.4 43.7 65.5
77 22.3 18.3 27.5

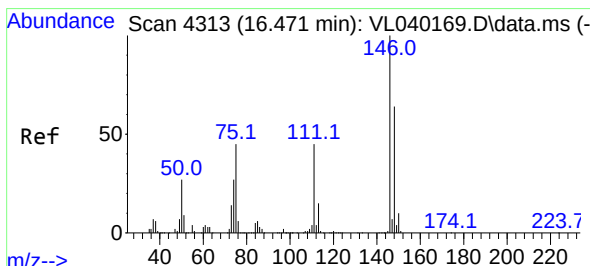
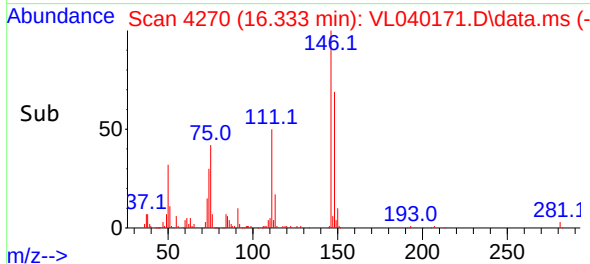
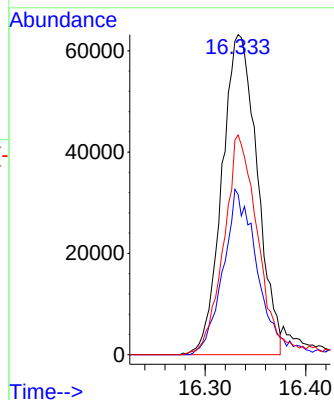
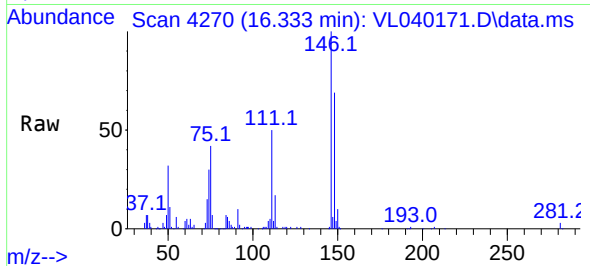




#75
1,3-Dichlorobenzene
Concen: 1.007 ppbv
RT: 16.333 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

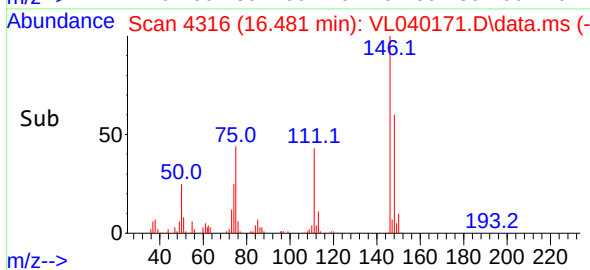
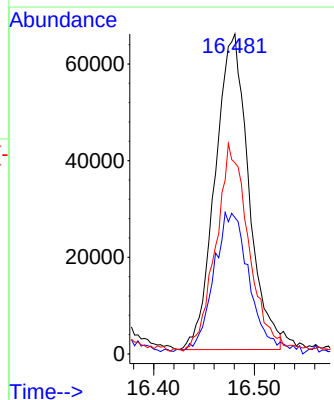
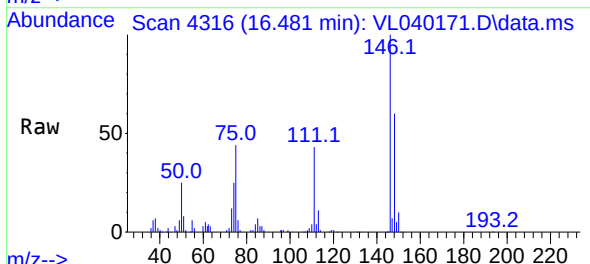
Instrument :
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ClientSampleId :
VSTDIC001

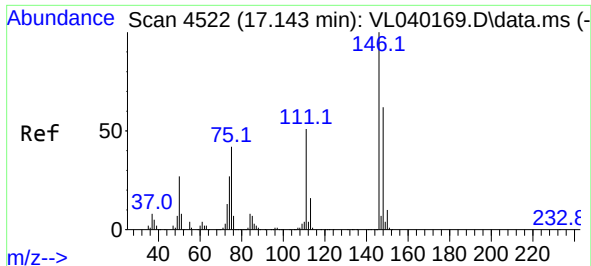
Tgt Ion:146 Resp: 153955
Ion Ratio Lower Upper
146 100
111 50.6 23.9 71.8
148 67.0 32.1 96.5



#76
1,4-Dichlorobenzene
Concen: 1.009 ppbv
RT: 16.481 min Scan# 4316
Delta R.T. 0.010 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Tgt Ion:146 Resp: 151084
Ion Ratio Lower Upper
146 100
111 48.6 23.5 70.5
148 70.3 32.5 97.4

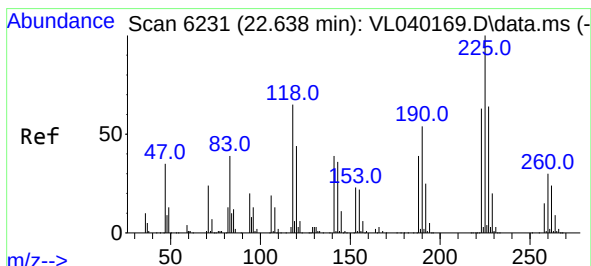
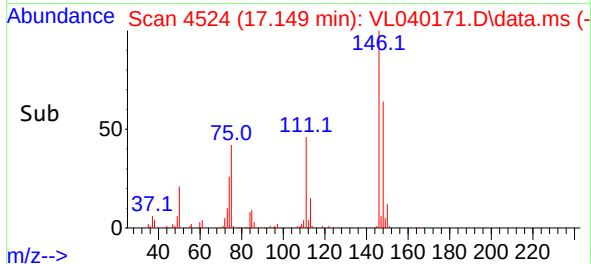
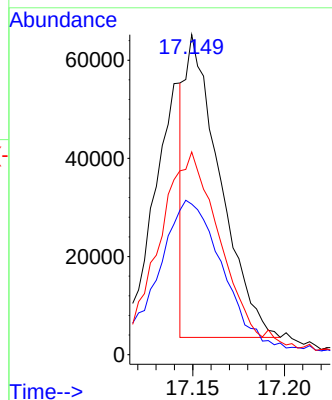
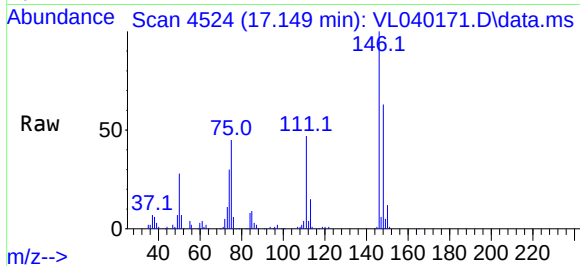




#77
1,2-Dichlorobenzene
Concen: 0.539 ppbv
RT: 17.149 min Scan# 4524
Delta R.T. 0.006 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

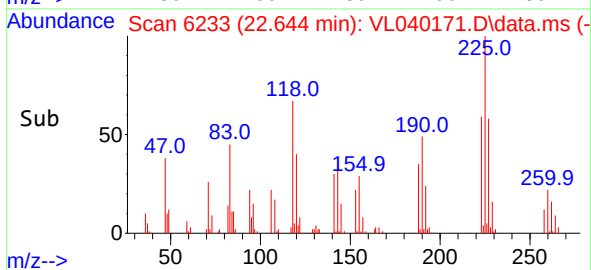
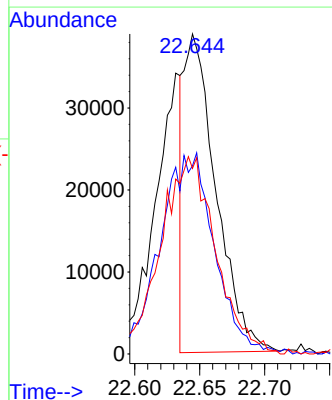
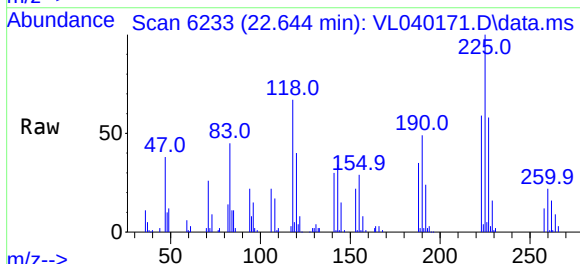
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

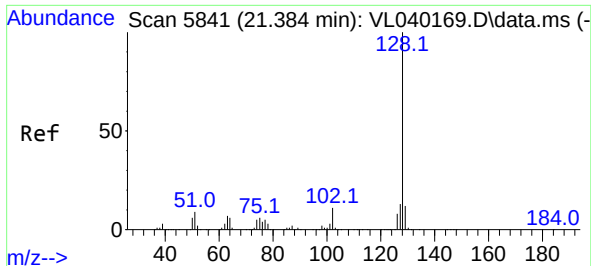
Tgt Ion:146 Resp: 81782
Ion Ratio Lower Upper
146 100
111 100.7 25.3 75.8#
148 128.2 32.0 96.2#



#78
Hexachloro-1,3-Butadiene
Concen: 0.638 ppbv
RT: 22.644 min Scan# 6233
Delta R.T. 0.006 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Tgt Ion:225 Resp: 66573
Ion Ratio Lower Upper
225 100
223 108.2 51.0 76.6#
227 107.4 51.2 76.8#

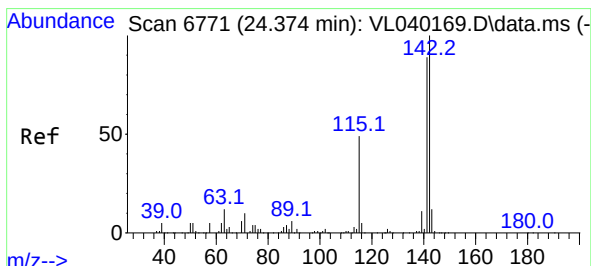
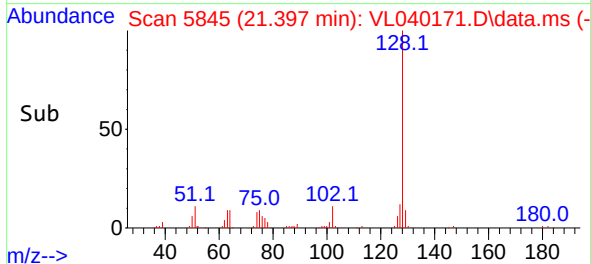
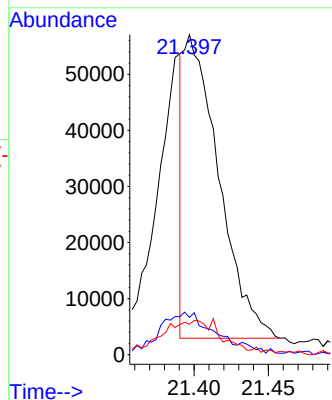
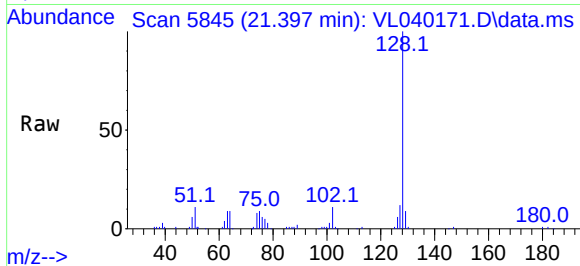




#79
Naphthalene
Concen: 0.567 ppbv
RT: 21.397 min Scan# 5845
Delta R.T. 0.013 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

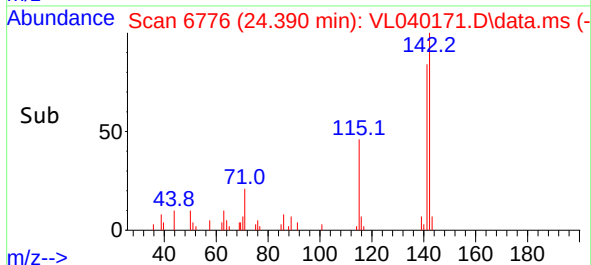
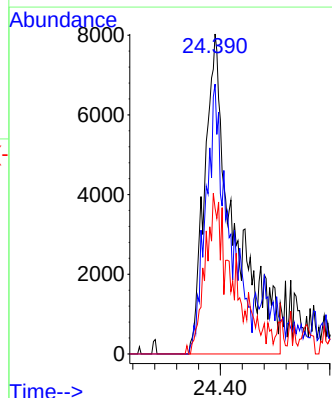
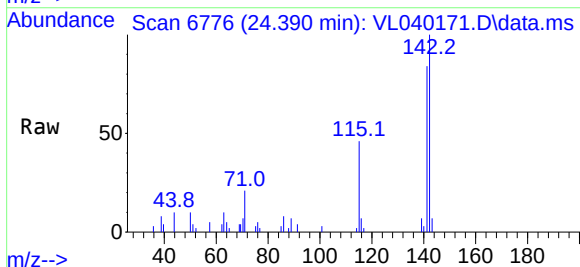
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

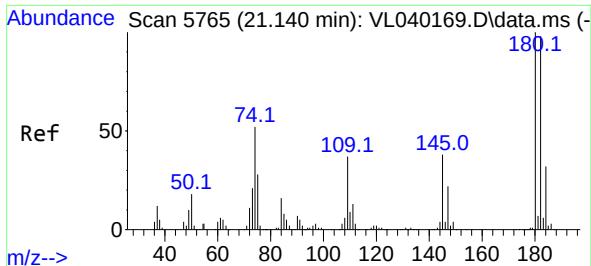
Tgt Ion:128 Resp: 88935
Ion Ratio Lower Upper
128 100
127 11.8 10.2 15.4
129 8.9 9.4 14.0#



#80
Naphthalene,2-methyl-
Concen: 0.670 ppbv
RT: 24.390 min Scan# 6776
Delta R.T. 0.016 min
Lab File: VL040171.D
Acq: 15 Feb 2023 11:46

Tgt Ion:142 Resp: 29901
Ion Ratio Lower Upper
142 100
141 69.7 67.3 100.9
115 39.7 36.5 54.7





#81

1,2,4-Trichlorobenzene

Concen: 0.534 ppbv

RT: 21.149 min Scan# 51

Delta R.T. 0.010 min

Lab File: VL040171.D

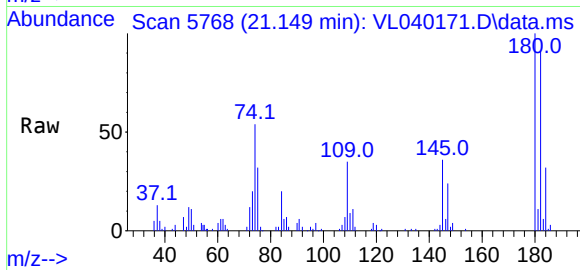
Acq: 15 Feb 2023 11:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001



Tgt Ion:180 Resp: 52461

Ion Ratio Lower Upper

180 100

182 0.0 79.0 118.6#

184 58.7 24.6 36.8#

