

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041323\
 Data File : VL040364.D
 Acq On : 13 Apr 2023 17:53
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Apr 14 08:34:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Apr 13 14:37:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1032667	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2567488	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2230911	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	1795500	9.733	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.300%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.716	85	414	0.002	ppbv	# 41
3) Chlorodifluoromethane	2.665	51	278	0.002	ppbv	# 57
4) Chloromethane	2.813	50	1162	0.014	ppbv	# 66
6) Bromomethane	3.131	94	89	0.004	ppbv	# 4
7) Chloroethane	3.189	64	168	0.006	ppbv	# 40
8) Dichlorotetrafluoroethane	2.854	85	300	0.002	ppbv	# 83
9) Propene	2.700	41	7698	0.144	ppbv	# 84
10) Heptane	7.690	43	78	0.001	ppbv	# 51
11) Trichlorofluoromethane	3.555	101	186	0.001	ppbv	# 17
12) 1,1,2-Trichlorotrifluo...	4.066	101	147	0.001	ppbv	# 16
13) Ethanol	3.227	45	68	0.015	ppbv	# 37
14) Bromoethene	3.362	108	31	0.001	ppbv	# 1
15) Acetone	3.485	43	9018	0.062	ppbv	# 47
16) 1,3-Butadiene	2.977	39	212	0.004	ppbv	# 6
17) tert-Butyl alcohol	3.902	59	134	0.001	ppbv	# 72
18) 1,1-Dichloroethene	3.880	96	131	0.002	ppbv	# 1
19) Isopropyl Alcohol	3.568	45	88	0.001	ppbv	# 1
20) Methylene Chloride	3.925	84	3923	0.067	ppbv	# 82
21) Allyl Chloride	3.986	41	113	0.001	ppbv	# 19
22) trans-1,2-Dichloroethene	4.449	96	113	0.002	ppbv	# 32
23) Vinyl Acetate	4.632	43	590	0.016	ppbv	# 1
24) 1,1-Dichloroethane	4.568	63	199	0.002	ppbv	# 90
25) Ethyl Acetate	5.211	43	510	0.002	ppbv	# 1
26) Hexane	5.208	57	901	0.009	ppbv	# 1
27) Carbon Disulfide	4.128	76	392	0.003	ppbv	# 1
28) Methyl tert-Butyl Ether	4.597	73	232	0.002	ppbv	# 52
29) Chloroform	5.282	83	418	0.002	ppbv	# 43
30) Cyclohexane	6.642	84	3358	0.042	ppbv	# 1
31) cis-1,2-Dichloroethene	5.079	61	60	0.001	ppbv	# 23
32) 1,1,1-Trichloroethane	6.012	97	130	0.001	ppbv	# 22
34) 2-Butanone	4.790	43	100	0.001	ppbv	# 53
36) Benzene	6.372	78	88	0.000	ppbv	# 1
37) 1,2-Dichloroethane	5.809	62	205	0.001	ppbv	# 84
38) Trichloroethene	7.291	130	217	0.002	ppbv	# 33
39) 1,2-Dichloropropane	6.658	63	665792	8.078	ppbv	# 25
40) 1,4-Dioxane	7.259	88	97	0.003	ppbv	# 1
41) Tetrahydrofuran	5.603	42	153	0.002	ppbv	# 34
42) Bromodichloromethane	7.259	83	60	0.000	ppbv	# 90
43) Methyl Methacrylate	7.491	69	127	0.002	ppbv	# 88
44) 2,2,4-Trimethylpentane	7.333	57	90	0.000	ppbv	# 1
47) 1,1,2-Trichloroethane	8.893	97	111	0.001	ppbv	# 13
48) Dibromochloromethane	9.761	129	90	0.001	ppbv	# 17
49) Bromoform	12.420	173	164	0.001	ppbv	# 83

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041323\
 Data File : VL040364.D
 Acq On : 13 Apr 2023 17:53
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Apr 14 08:34:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Apr 13 14:37:02 2023
 Response via : Initial Calibration

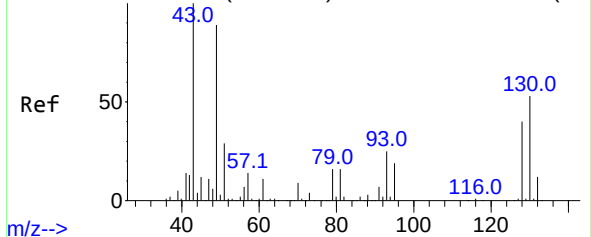
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
50) 4-Methyl-2-Pentanone	8.230	43	322	0.002	ppbv	#	79
51) 2-Hexanone	9.555	43	135	0.001	ppbv	#	30
52) Tetrachloroethene	10.639	164	90	0.001	ppbv	#	24
53) Toluene	9.227	91	459	0.002	ppbv	#	20
54) 1,2-Dibromoethane	10.021	107	43	0.000	ppbv	#	4
56) 1,1,1,2-Tetrachloroethane	11.426	131	36	0.000	ppbv	#	1
57) Chlorobenzene	11.542	112	262	0.001	ppbv	#	58
58) Ethyl Benzene	12.102	91	289	0.001	ppbv	#	45
59) m/p-Xylene	12.388	91	54	0.000	ppbv	#	32
60) o-Xylene	13.118	91	210	0.001	ppbv		68
61) Styrene	12.918	104	107	0.001	ppbv	#	1
62) Isopropylbenzene	14.047	105	241	0.001	ppbv	#	22
63) 1,1,2,2-Tetrachloroethane	13.060	83	233	0.003	ppbv	#	44
64) n-propylbenzene	15.227	120	56	0.001	ppbv	#	1
65) tert-Butylbenzene	16.124	119	309	0.001	ppbv	#	15
66) Benzyl Chloride	16.371	91	93	0.005	ppbv	#	1
67) sec-Butylbenzene	16.661	105	354	0.001	ppbv	#	60
69) p-Isopropyltoluene	17.015	119	144	0.000	ppbv	#	1
70) n-Butylbenzene	17.918	91	400	0.001	ppbv	#	33
71) 2-Chlorotoluene	14.825	91	258	0.001	ppbv	#	45
72) 4-Ethyltoluene	15.208	105	87	0.000	ppbv	#	55
73) 1,3,5-Trimethylbenzene	15.368	105	382	0.002	ppbv	#	30
74) 1,2,4-Trimethylbenzene	16.130	105	266	0.001	ppbv	#	44
75) 1,3-Dichlorobenzene	16.359	146	233	0.002	ppbv	#	1
76) 1,4-Dichlorobenzene	16.500	146	722	0.005	ppbv	#	23
77) 1,2-Dichlorobenzene	17.175	146	493	0.003	ppbv	#	1
78) Hexachloro-1,3-Butadiene	22.661	225	1025	0.008	ppbv	#	1
79) Naphthalene	21.400	128	385	0.002	ppbv	#	71
80) Naphthalene,2-methyl-	24.461	142	297	0.005	ppbv	#	49
81) 1,2,4-Trichlorobenzene	21.162	180	782	0.007	ppbv	#	12

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

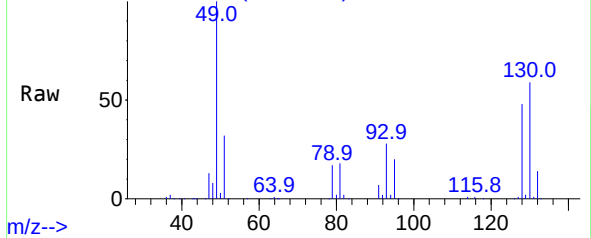
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

[illegible]

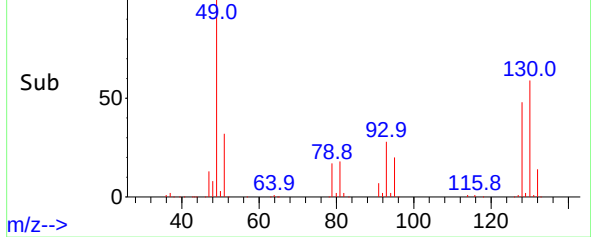
Abundance Scan 804 (5.189 min): VL040354.D\data.ms (-78



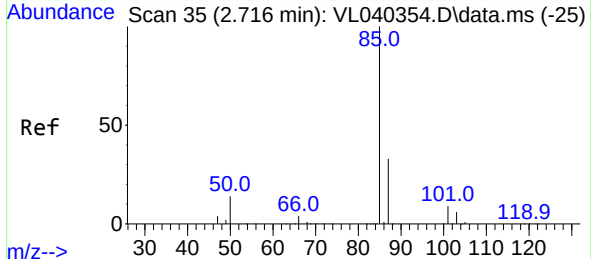
m/z--> Abundance Scan 806 (5.195 min): VL040364.D\data.ms



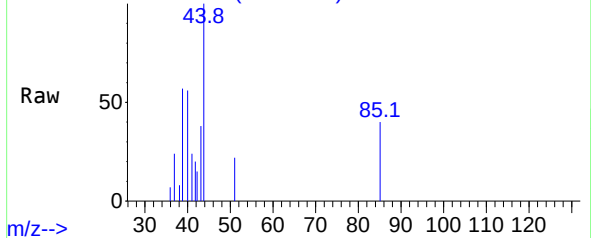
m/z--> Abundance Scan 806 (5.195 min): VL040364.D\data.ms (-64



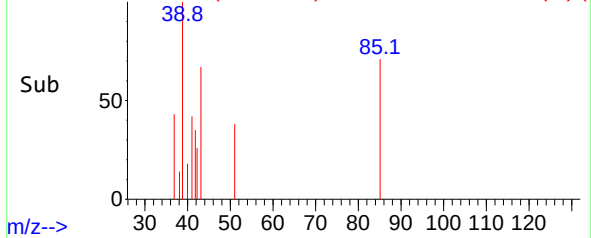
m/z--> Abundance Scan 35 (2.716 min): VL040354.D\data.ms (-25)



m/z--> Abundance Scan 35 (2.716 min): VL040364.D\data.ms



m/z--> Abundance Scan 35 (2.716 min): VL040364.D\data.ms (-1)



m/z--> Abundance

#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.195 min Scan# 80

Delta R.T. 0.006 min

Lab File: VL040364.D

Acq: 13 Apr 2023 17:53

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tgt Ion: 49 Resp: 1032667

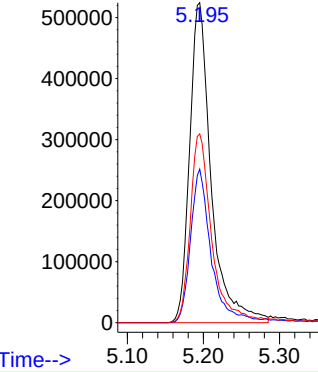
Ion Ratio Lower Upper

49 100

128 47.3 23.7 71.1

130 61.4 29.9 89.8

Abundance



Time-->

#2

Dichlorodifluoromethane

Concen: 0.002 ppbv

RT: 2.716 min Scan# 35

Delta R.T. 0.000 min

Lab File: VL040364.D

Acq: 13 Apr 2023 17:53

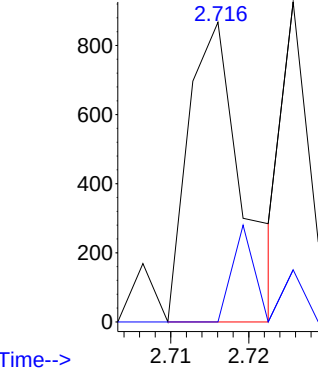
Tgt Ion: 85 Resp: 414

Ion Ratio Lower Upper

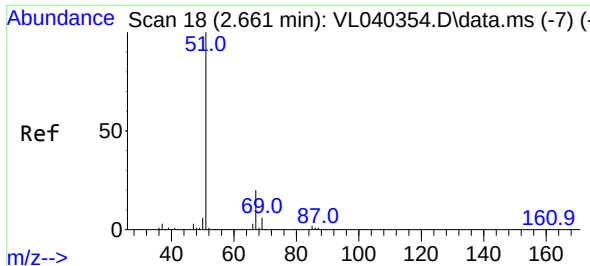
85 100

87 0.0 26.6 40.0#

Abundance



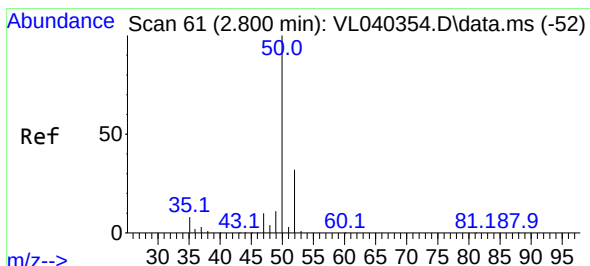
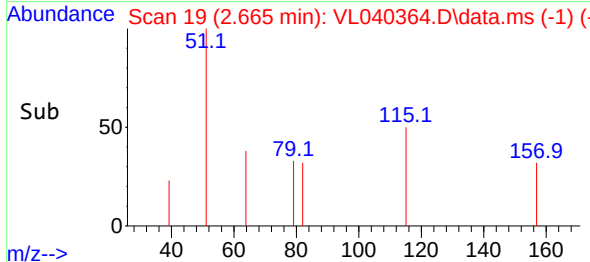
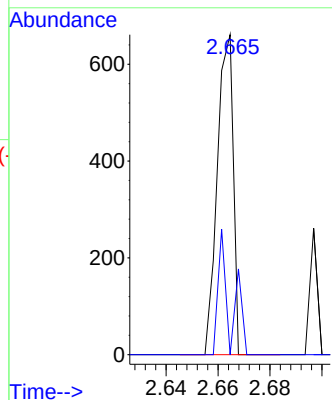
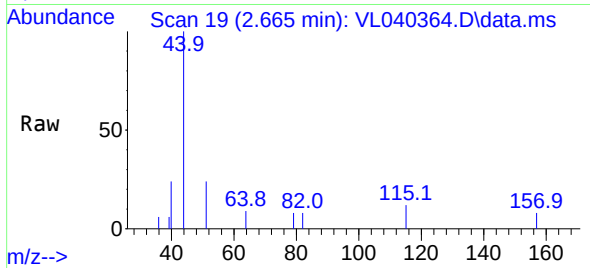
Time-->



#3
Chlorodifluoromethane
Concen: 0.002 ppbv
RT: 2.665 min Scan# 18
Delta R.T. 0.003 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

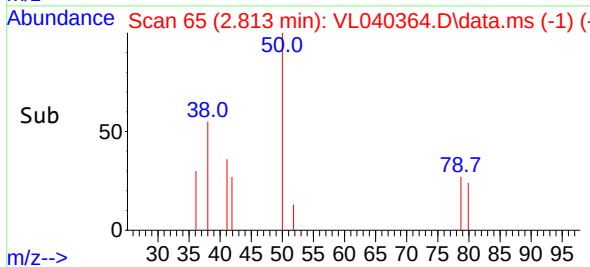
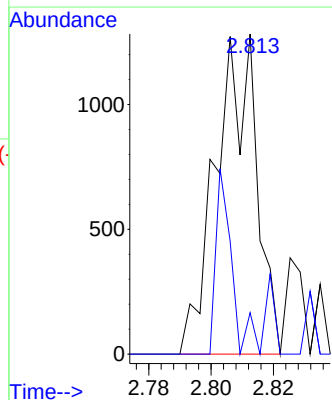
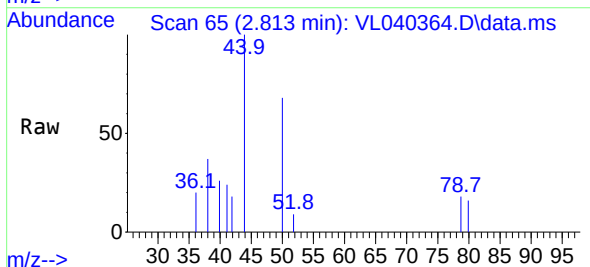
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

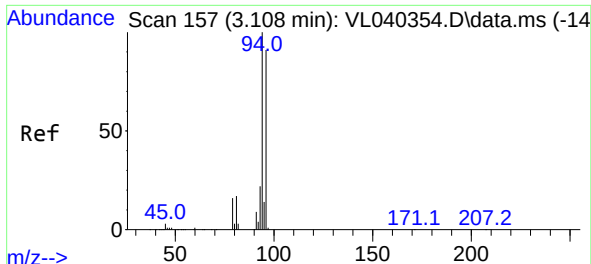
Tgt Ion: 51 Resp: 278
Ion Ratio Lower Upper
51 100
67 0.0 15.5 23.3#



#4
Chloromethane
Concen: 0.014 ppbv
RT: 2.813 min Scan# 65
Delta R.T. 0.013 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

Tgt Ion: 50 Resp: 1162
Ion Ratio Lower Upper
50 100
52 12.9 25.3 37.9#

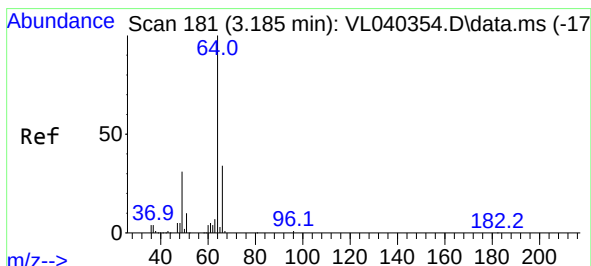
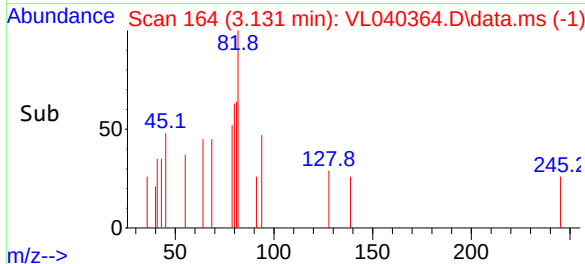
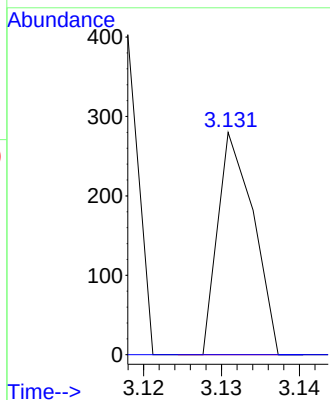
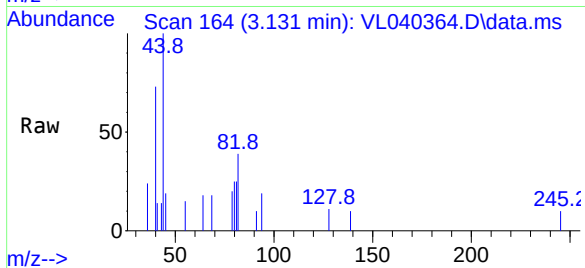




#6
Bromomethane
Concen: 0.004 ppbv
RT: 3.131 min Scan# 11
Delta R.T. 0.023 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

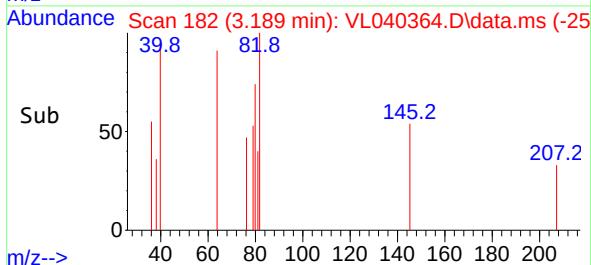
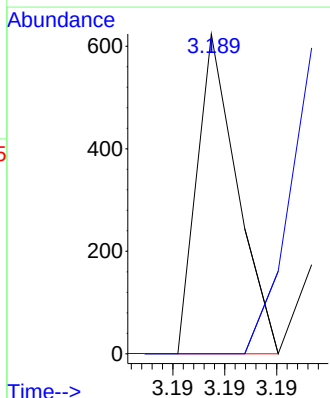
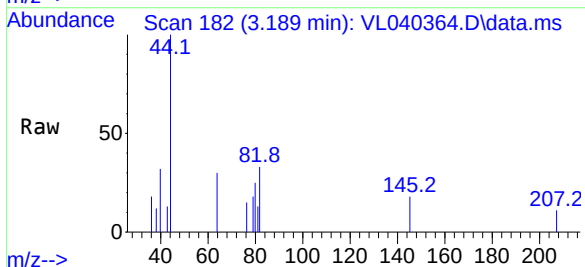
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 94 Resp: 89
Ion Ratio Lower Upper
94 100
96 0.0 72.6 108.8#

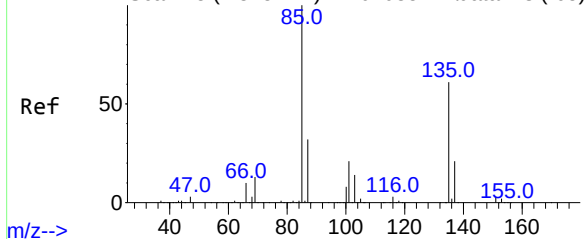


#7
Chloroethane
Concen: 0.006 ppbv
RT: 3.189 min Scan# 182
Delta R.T. 0.003 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

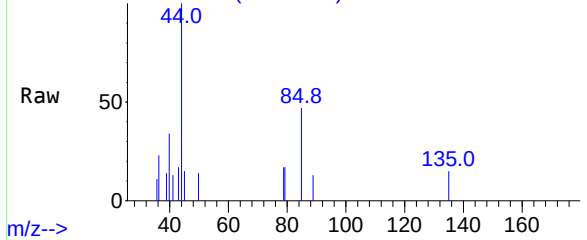
Tgt Ion: 64 Resp: 168
Ion Ratio Lower Upper
64 100
66 0.0 27.5 41.3#



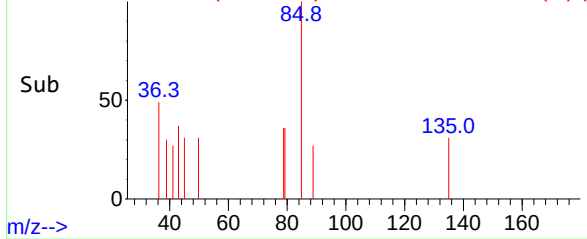
Abundance Scan 75 (2.845 min): VL040354.D\data.ms (-65)



Abundance Scan 78 (2.854 min): VL040364.D\data.ms



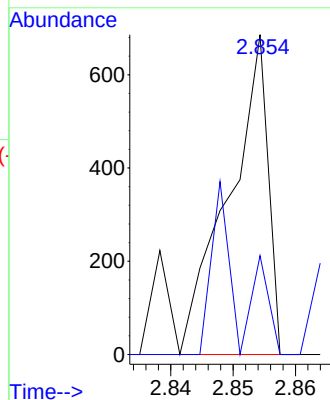
Abundance Scan 78 (2.854 min): VL040364.D\data.ms (-1) (-



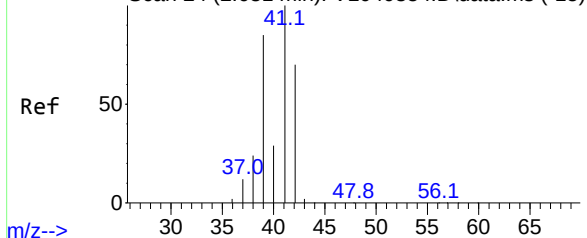
#8
Dichlorotetrafluoroethane
Concen: 0.002 ppbv
RT: 2.854 min Scan# 75
Delta R.T. 0.010 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

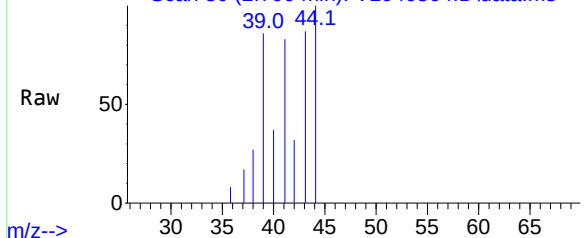
Tgt Ion: 85 Resp: 300
Ion Ratio Lower Upper
85 100
135 50.0 50.7 76.1#



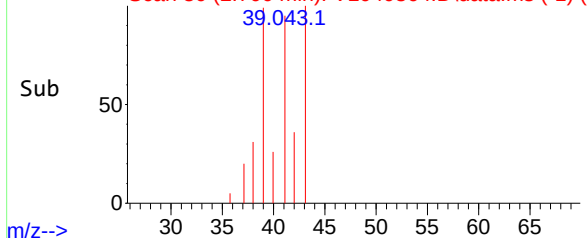
Abundance Scan 24 (2.681 min): VL040354.D\data.ms (-15)



Abundance Scan 30 (2.700 min): VL040364.D\data.ms

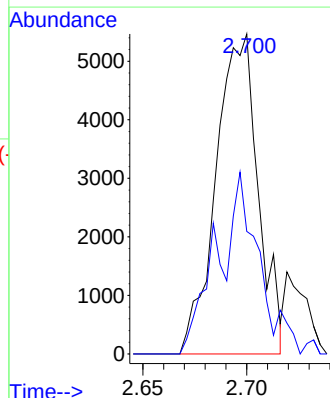


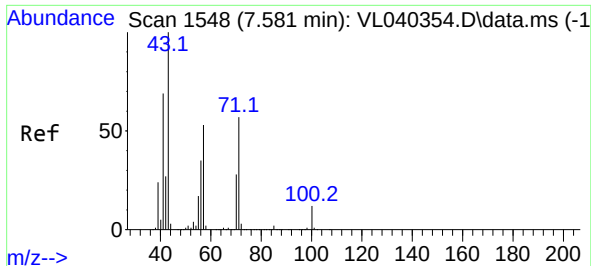
Abundance Scan 30 (2.700 min): VL040364.D\data.ms (-1) (-



#9
Propene
Concen: 0.144 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.019 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

Tgt Ion: 41 Resp: 7698
Ion Ratio Lower Upper
41 100
42 57.2 56.5 84.7

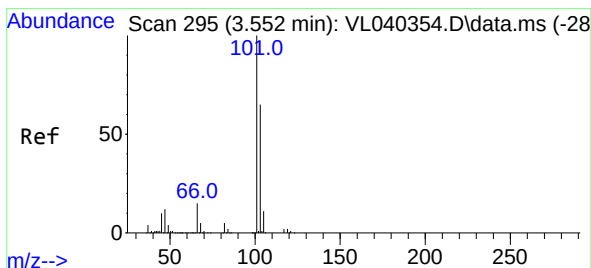
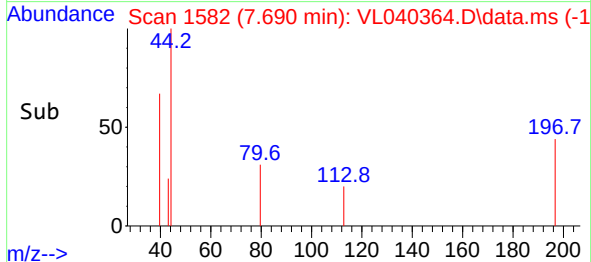
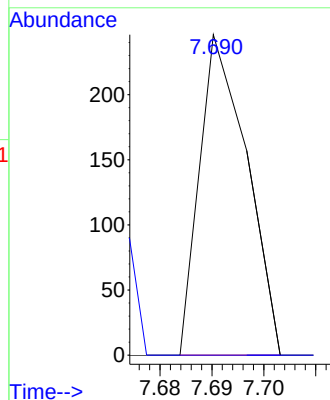
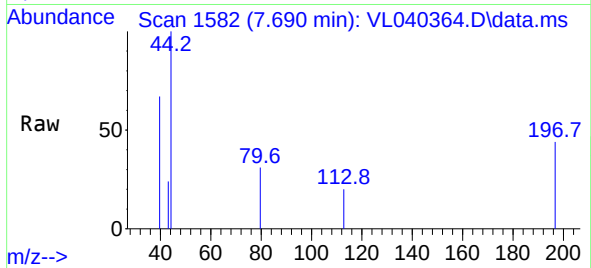




#10
Heptane
Concen: 0.001 ppbv
RT: 7.690 min Scan# 11
Delta R.T. 0.109 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

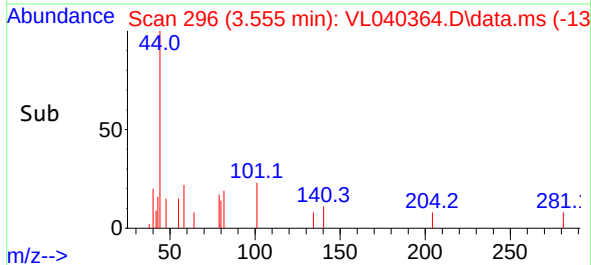
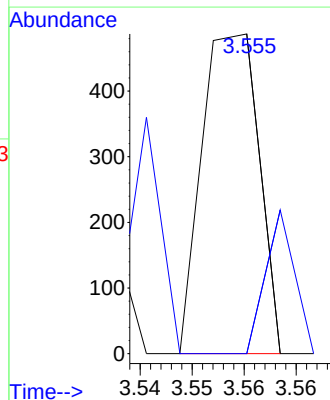
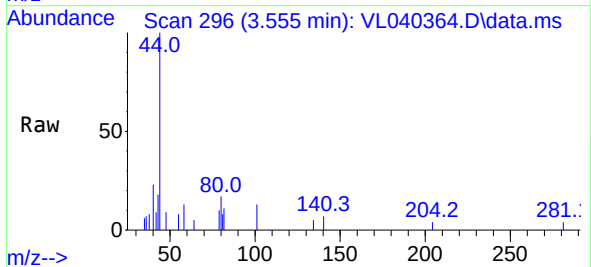
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

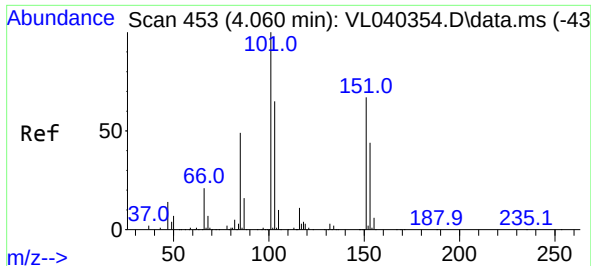
Tgt Ion: 43 Resp: 78
Ion Ratio Lower Upper
43 100
57 87.2 42.2 63.4#



#11
Trichlorofluoromethane
Concen: 0.001 ppbv
RT: 3.555 min Scan# 296
Delta R.T. 0.003 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

Tgt Ion: 101 Resp: 186
Ion Ratio Lower Upper
101 100
103 0.0 52.2 78.4#





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.001 ppbv

RT: 4.066 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL040364.D

Acq: 13 Apr 2023 17:53

Instrument :

MSVOA_L

ClientSampleId :

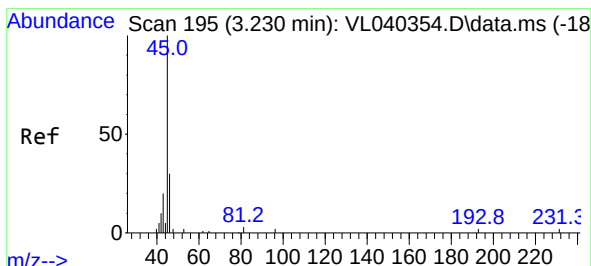
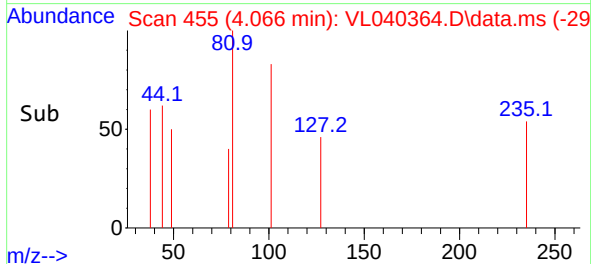
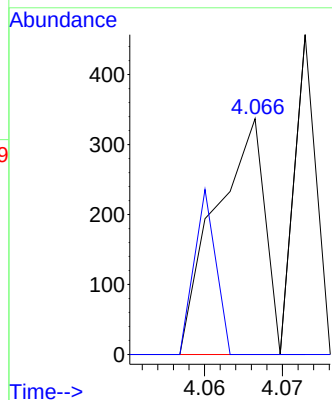
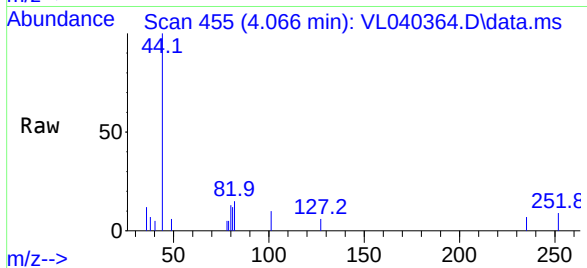
VIBLK

Tgt Ion:101 Resp: 147

Ion Ratio Lower Upper

101 100

151 0.0 54.7 82.1#



#13

Ethanol

Concen: 0.015 ppbv

RT: 3.227 min Scan# 194

Delta R.T. -0.003 min

Lab File: VL040364.D

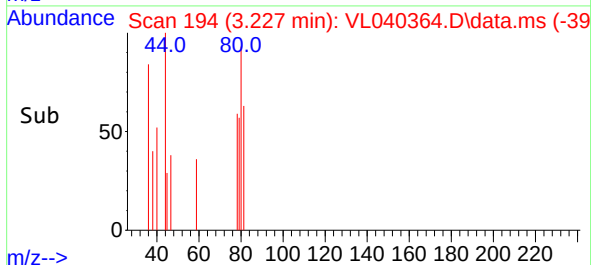
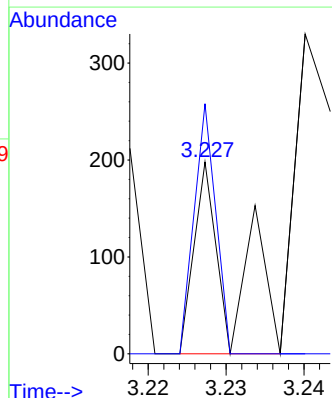
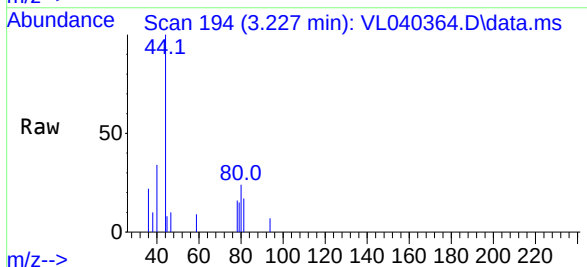
Acq: 13 Apr 2023 17:53

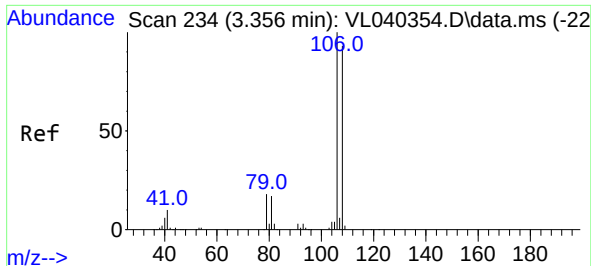
Tgt Ion: 45 Resp: 68

Ion Ratio Lower Upper

45 100

46 0.0 15.3 61.3#





#14

Bromoethene

Concen: 0.001 ppbv

RT: 3.362 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL040364.D

Acq: 13 Apr 2023 17:53

Instrument :

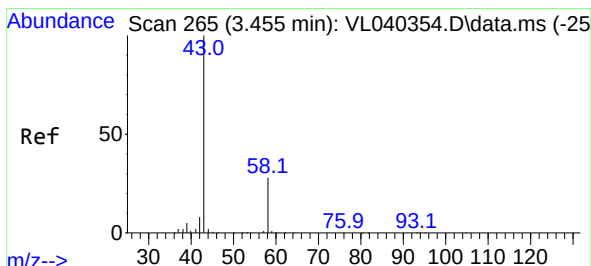
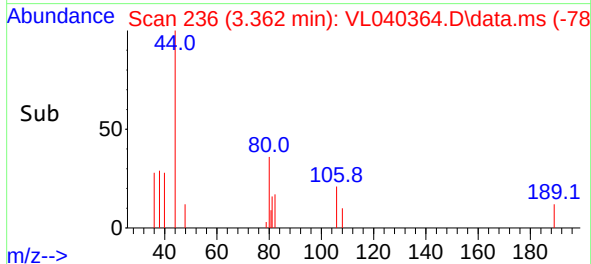
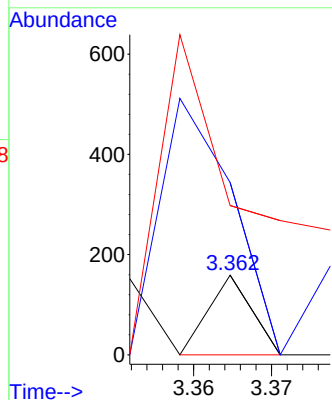
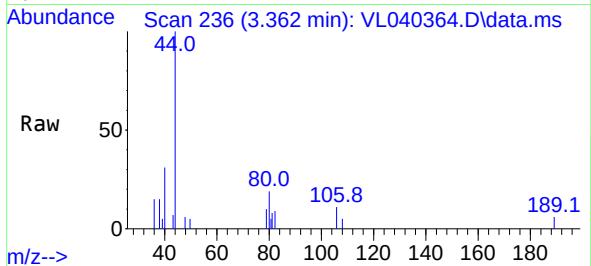
MSVOA_L

ClientSampleId :

VIBLK

Tgt Ion:108 Resp: 31

Ion	Ratio	Lower	Upper
108	100		
106	641.9	88.3	132.5#
79	3012.9	16.1	24.1#



#15

Acetone

Concen: 0.062 ppbv

RT: 3.485 min Scan# 274

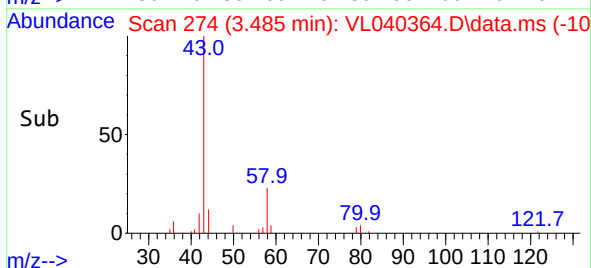
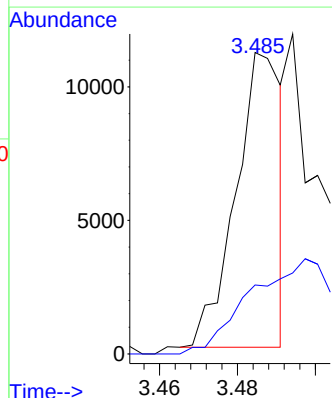
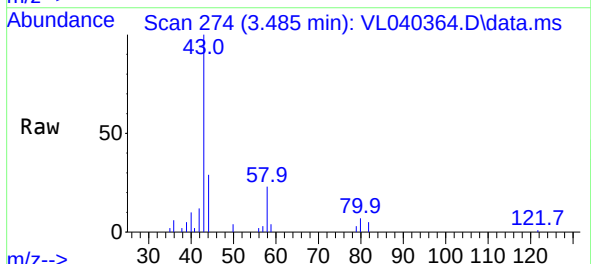
Delta R.T. 0.029 min

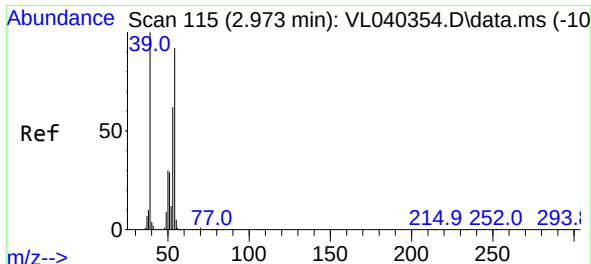
Lab File: VL040364.D

Acq: 13 Apr 2023 17:53

Tgt Ion: 43 Resp: 9018

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.2	33.2#





#16

1,3-Butadiene

Concen: 0.004 ppbv

RT: 2.977 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040364.D

Acq: 13 Apr 2023 17:53

Instrument :

MSVOA_L

ClientSampleId :

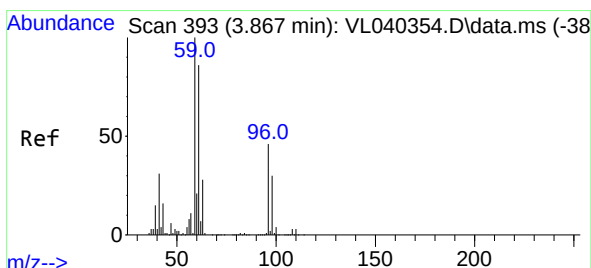
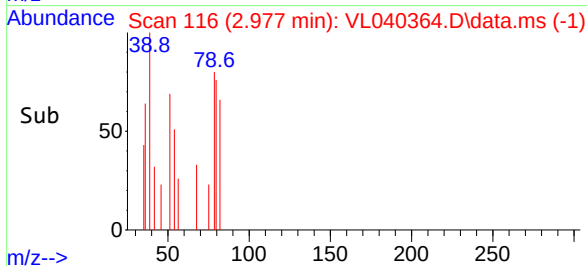
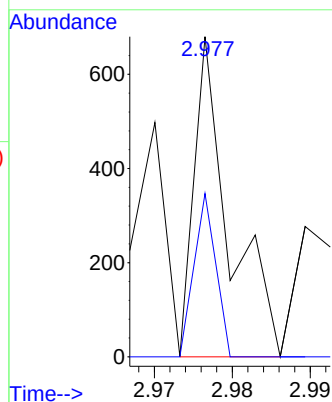
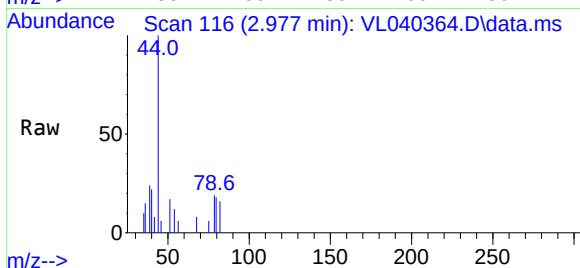
VIBLK

Tgt Ion: 39 Resp: 212

Ion Ratio Lower Upper

39 100

54 0.0 68.8 103.2#



#17

tert-Butyl alcohol

Concen: 0.001 ppbv

RT: 3.902 min Scan# 404

Delta R.T. 0.035 min

Lab File: VL040364.D

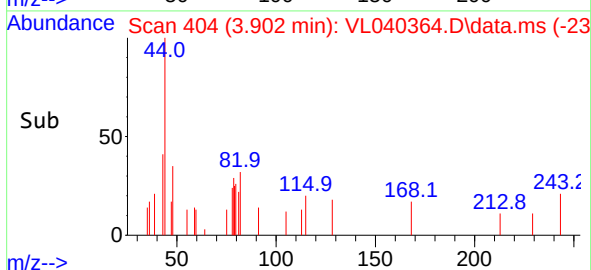
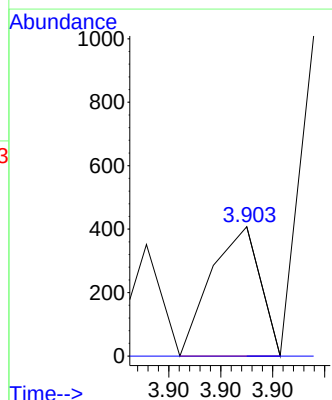
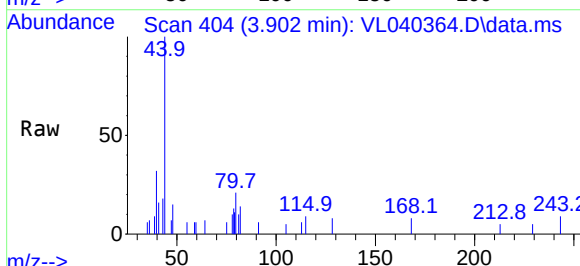
Acq: 13 Apr 2023 17:53

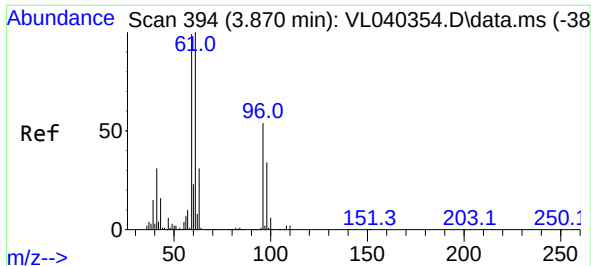
Tgt Ion: 59 Resp: 134

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#





#18

1,1-Dichloroethene

Concen: 0.002 ppbv

RT: 3.880 min Scan# 394

Delta R.T. 0.010 min

Lab File: VL040364.D

Acq: 13 Apr 2023 17:53

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

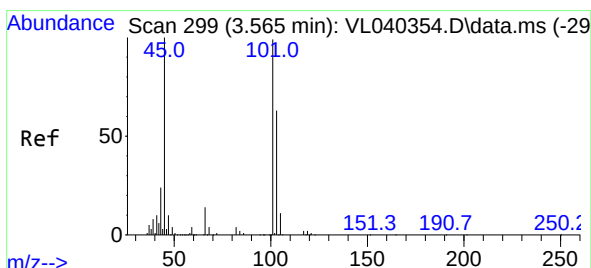
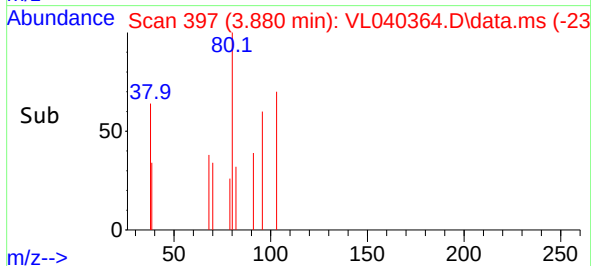
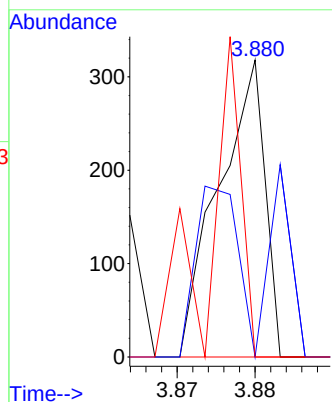
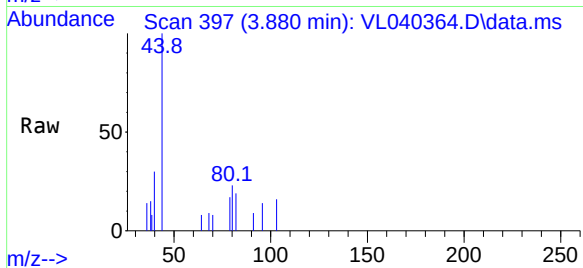
Tgt Ion: 96 Resp: 131

Ion Ratio Lower Upper

96 100

61 0.0 148.3 222.5#

98 0.0 49.8 74.8#



#19

Isopropyl Alcohol

Concen: 0.001 ppbv

RT: 3.568 min Scan# 300

Delta R.T. 0.003 min

Lab File: VL040364.D

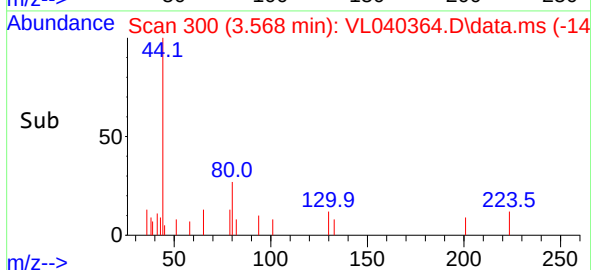
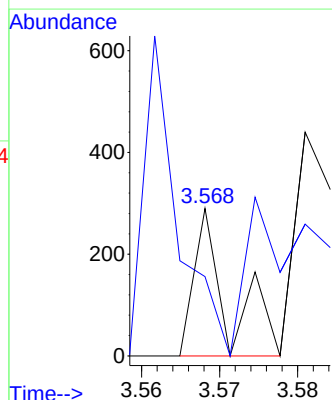
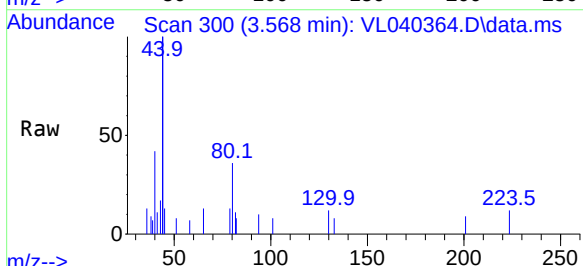
Acq: 13 Apr 2023 17:53

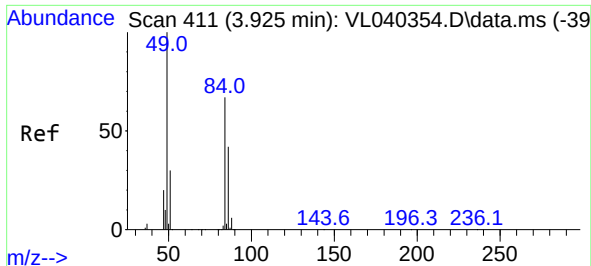
Tgt Ion: 45 Resp: 88

Ion Ratio Lower Upper

45 100

58 705.7 2.6 4.0#

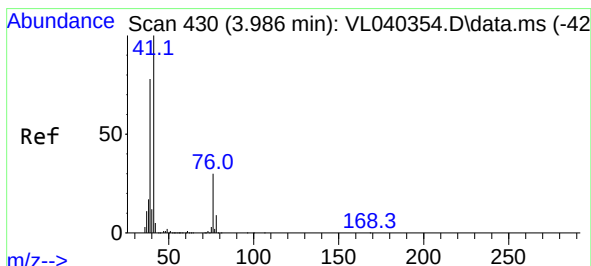
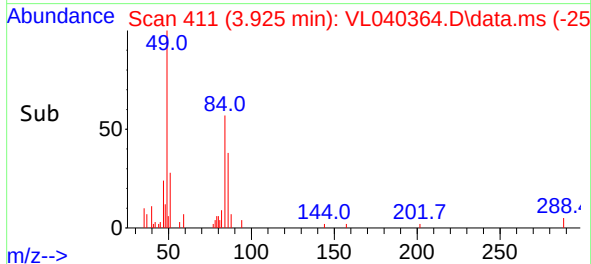
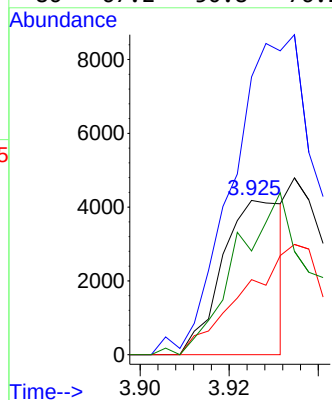
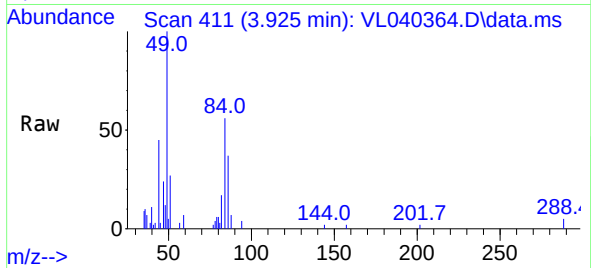




#20
Methylene Chloride
Concen: 0.067 ppbv
RT: 3.925 min Scan# 411
Delta R.T. 0.000 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

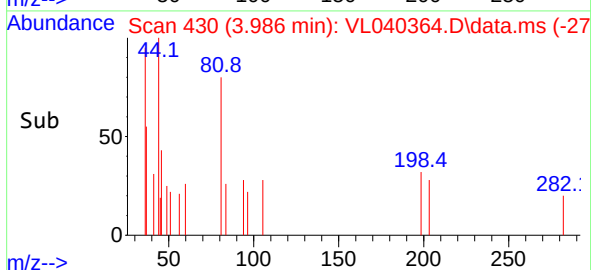
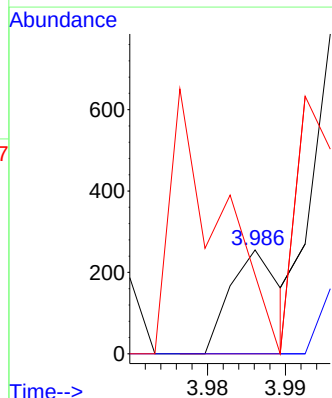
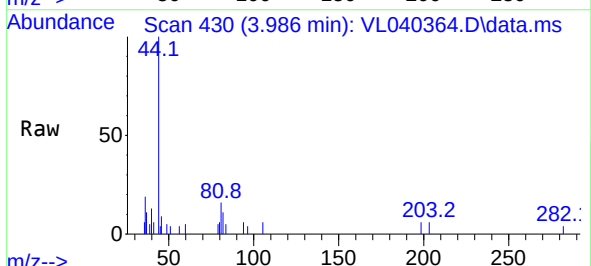
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

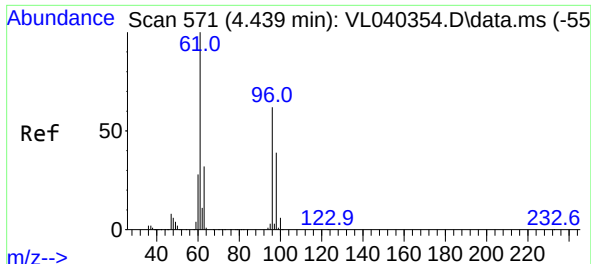
Tgt Ion: 84 Resp: 3923
Ion Ratio Lower Upper
84 100
49 185.9 120.1 180.1#
51 48.6 36.3 54.5
86 67.2 50.8 76.2



#21
Allyl Chloride
Concen: 0.001 ppbv
RT: 3.986 min Scan# 430
Delta R.T. 0.000 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

Tgt Ion: 41 Resp: 113
Ion Ratio Lower Upper
41 100
76 0.0 25.5 38.3#
39 0.0 64.0 96.0#

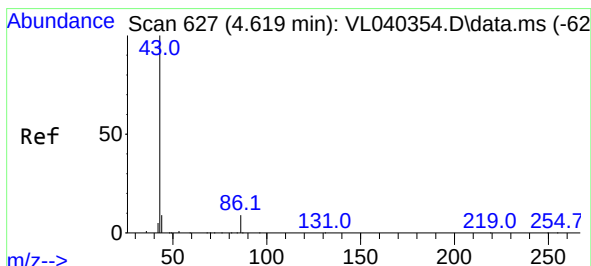
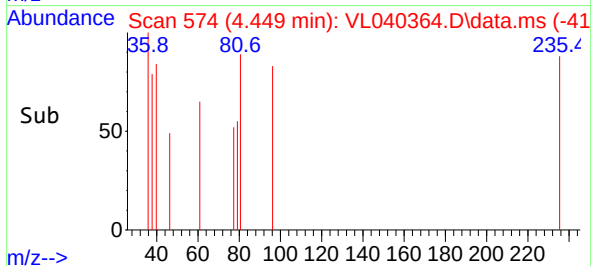
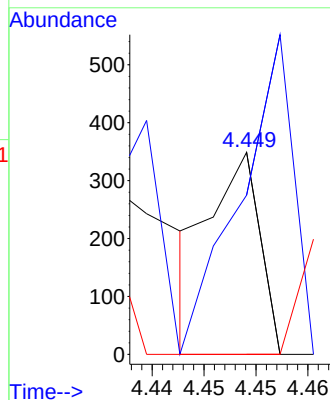
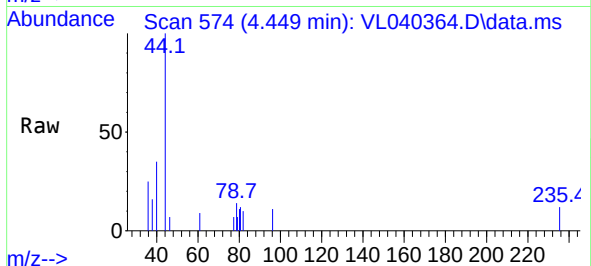




#22
trans-1,2-Dichloroethene
Concen: 0.002 ppbv
RT: 4.449 min Scan# 511
Delta R.T. 0.010 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

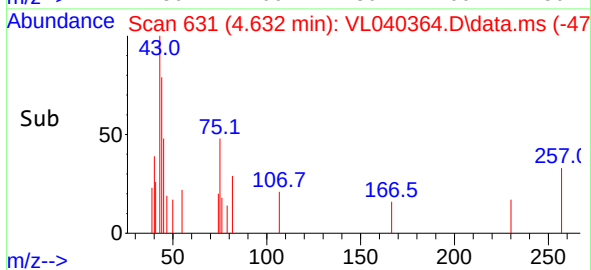
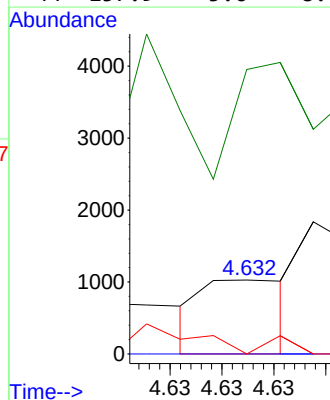
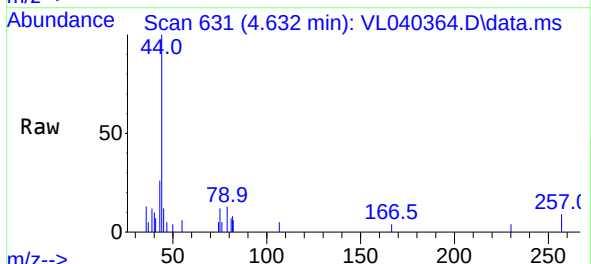
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

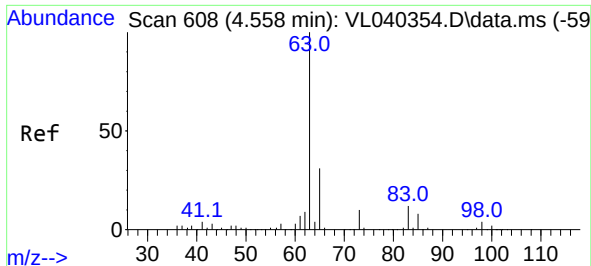
Tgt Ion: 96 Resp: 113
Ion Ratio Lower Upper
96 100
61 78.8 129.4 194.2#
98 0.0 51.0 76.4#



#23
Vinyl Acetate
Concen: 0.016 ppbv
RT: 4.632 min Scan# 631
Delta R.T. 0.013 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

Tgt Ion: 43 Resp: 590
Ion Ratio Lower Upper
43 100
86 0.0 6.0 9.0#
42 0.0 6.4 9.6#
44 157.9 5.6 8.4#





#24

1,1-Dichloroethane

Concen: 0.002 ppbv

RT: 4.568 min Scan# 611

Delta R.T. 0.010 min

Lab File: VL040364.D

Acq: 13 Apr 2023 17:53

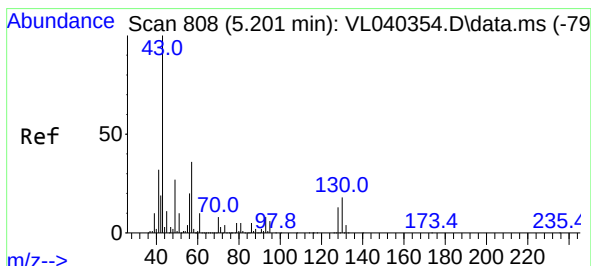
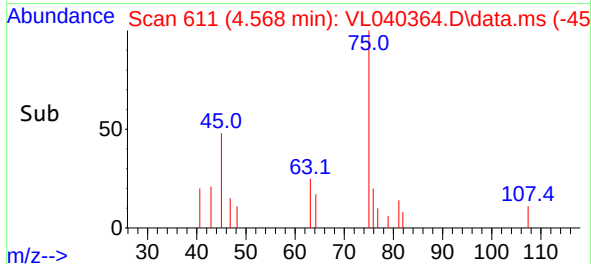
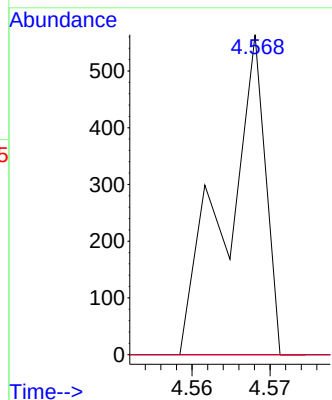
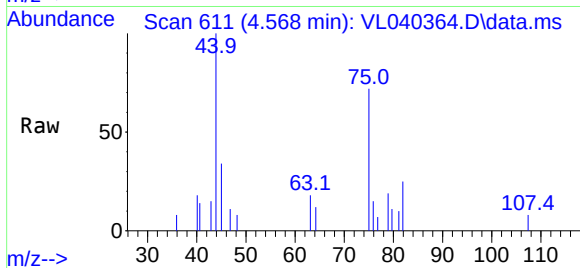
Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tgt Ion: 63	Resp:	199
Ion	Ratio	Lower Upper
63	100	
98	0.0	2.1 6.2#
100	0.0	1.2 3.6#



#25

Ethyl Acetate

Concen: 0.002 ppbv

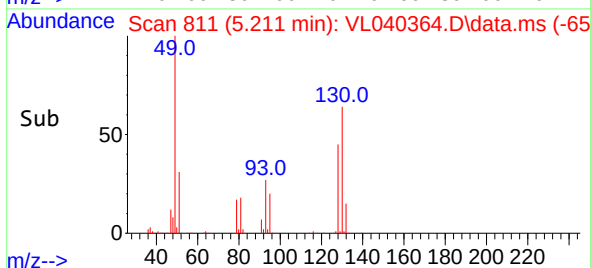
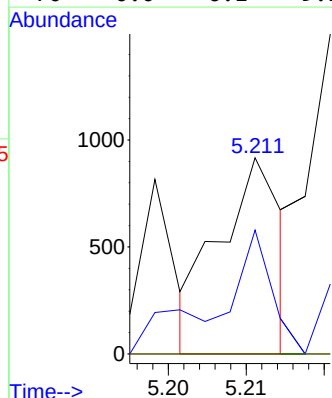
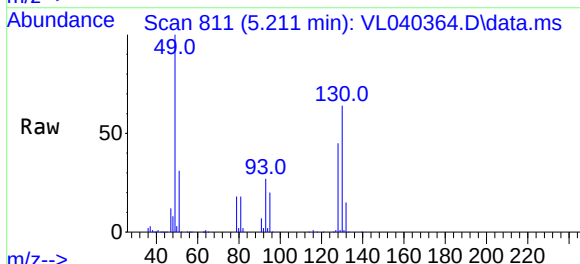
RT: 5.211 min Scan# 811

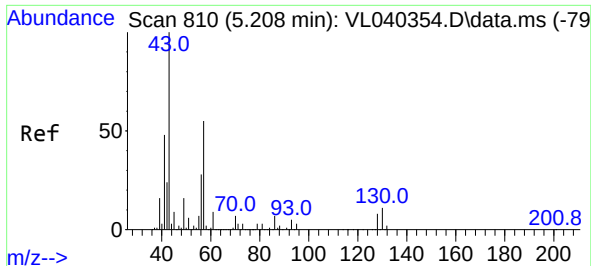
Delta R.T. 0.010 min

Lab File: VL040364.D

Acq: 13 Apr 2023 17:53

Tgt Ion: 43	Resp:	510
Ion	Ratio	Lower Upper
43	100	
45	129.8	8.5 12.7#
61	0.0	8.5 12.7#
70	0.0	6.1 9.1#

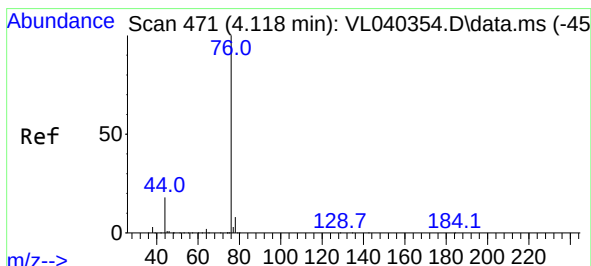
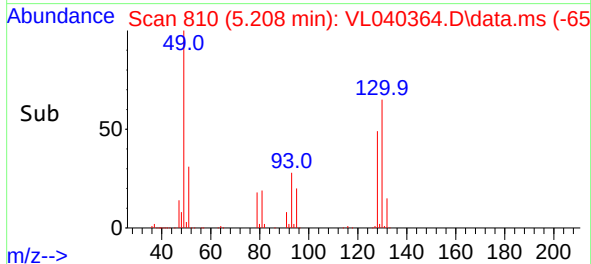
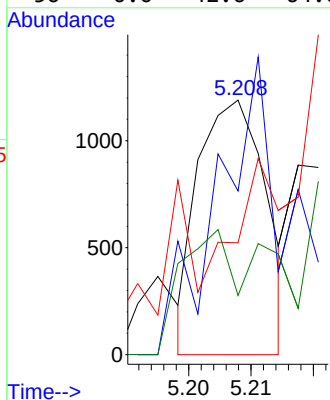
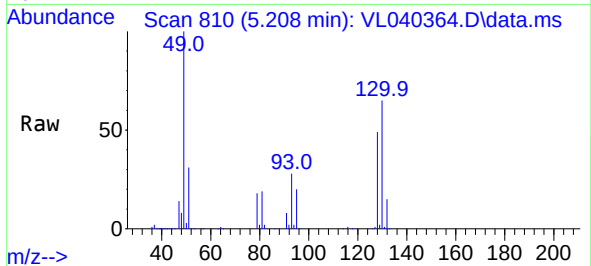




#26
Hexane
Concen: 0.009 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.000 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

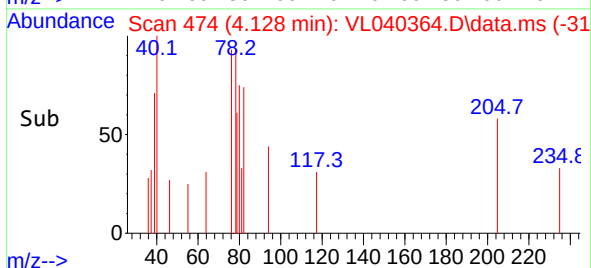
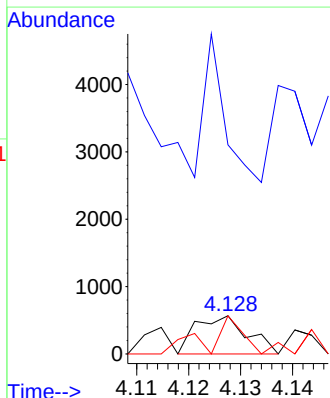
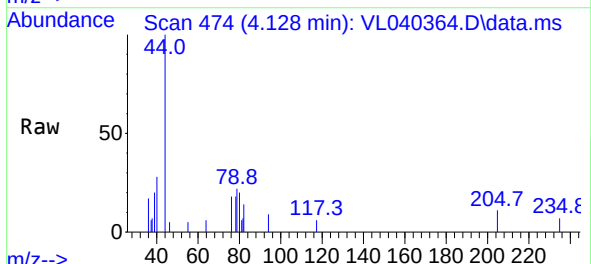
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

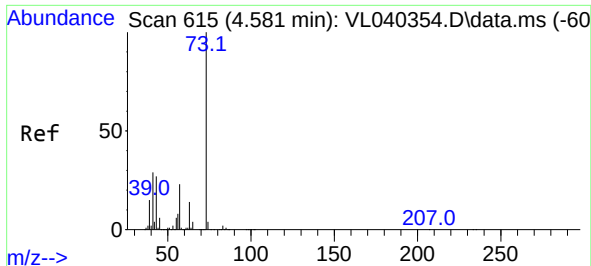
Tgt Ion: 57 Resp: 901
Ion Ratio Lower Upper
57 100
41 160.2 74.8 112.2#
43 0.0 192.7 289.1#
56 0.0 42.6 64.0#



#27
Carbon Disulfide
Concen: 0.003 ppbv
RT: 4.128 min Scan# 474
Delta R.T. 0.010 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

Tgt Ion: 76 Resp: 392
Ion Ratio Lower Upper
76 100
44 799.0 14.7 22.1#
78 0.0 7.7 11.5#





#28

Methyl tert-Butyl Ether

Concen: 0.002 ppbv

RT: 4.597 min Scan# 615

Delta R.T. 0.016 min

Lab File: VL040364.D

Acq: 13 Apr 2023 17:53

Instrument :

MSVOA_L

ClientSampleId :

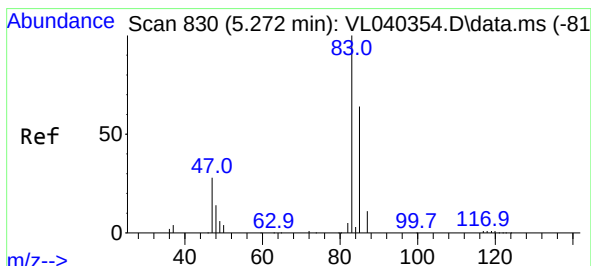
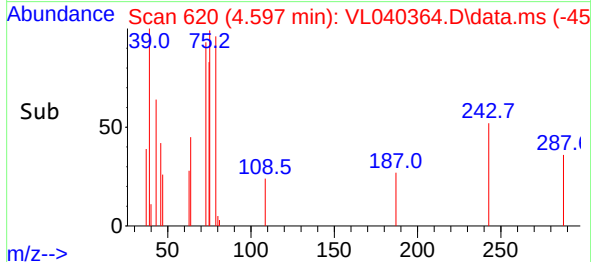
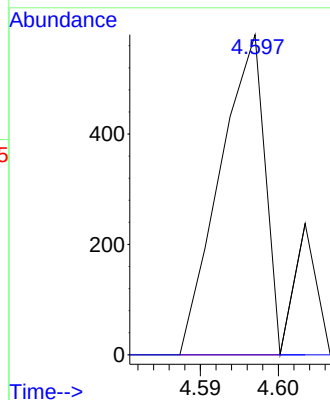
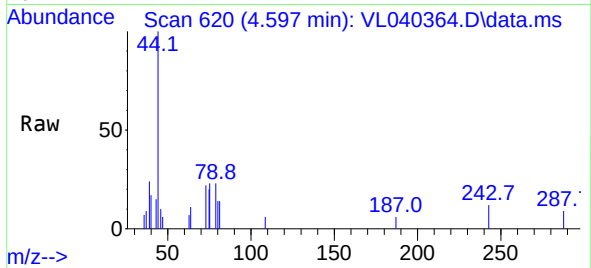
VIBLK

Tgt Ion: 73 Resp: 232

Ion Ratio Lower Upper

73 100

57 0.0 18.6 27.8#



#29

Chloroform

Concen: 0.002 ppbv

RT: 5.282 min Scan# 833

Delta R.T. 0.010 min

Lab File: VL040364.D

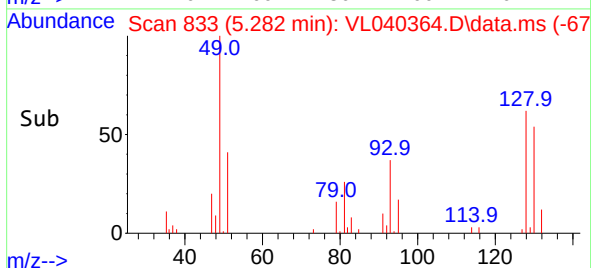
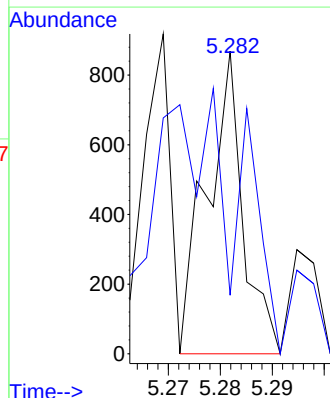
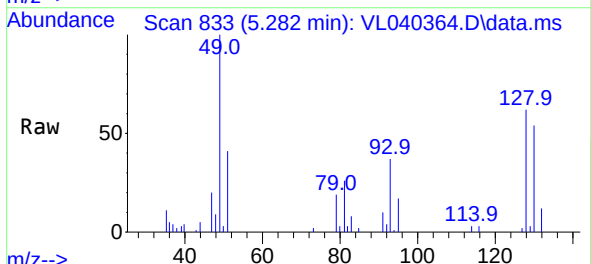
Acq: 13 Apr 2023 17:53

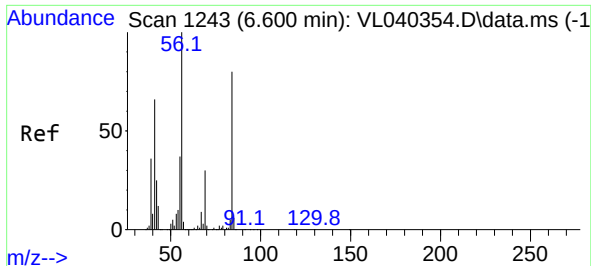
Tgt Ion: 83 Resp: 418

Ion Ratio Lower Upper

83 100

85 19.3 51.0 76.4#

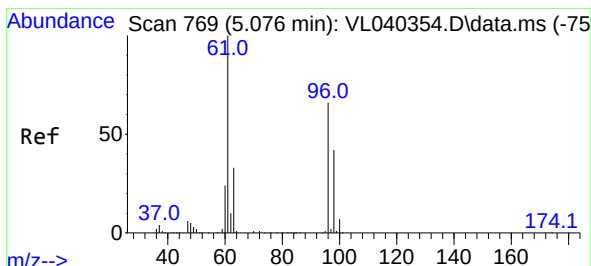
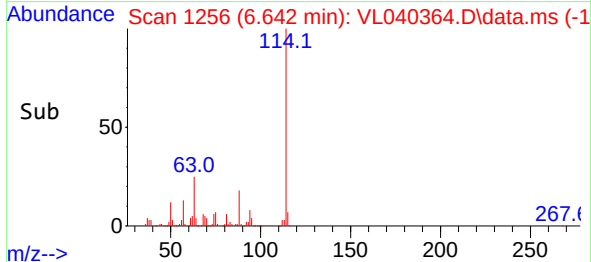
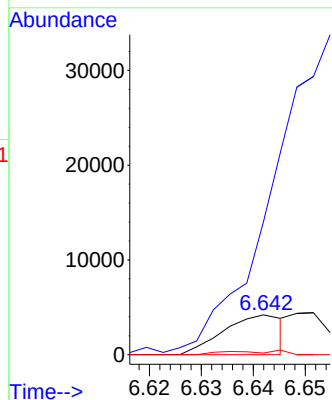
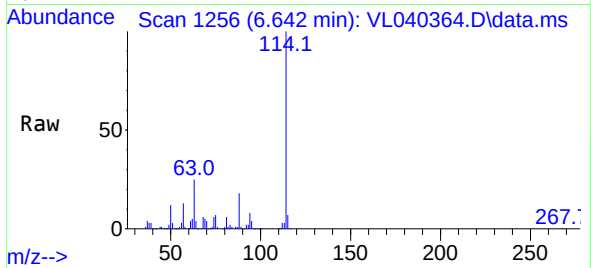




#30
Cyclohexane
Concen: 0.042 ppbv
RT: 6.642 min Scan# 11
Delta R.T. 0.042 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

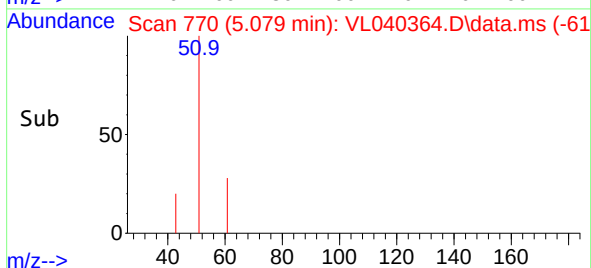
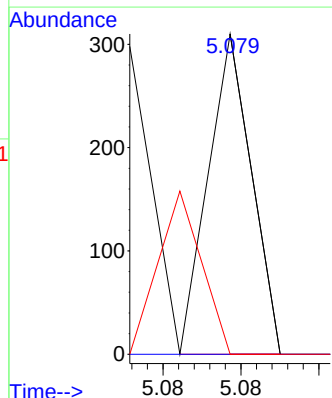
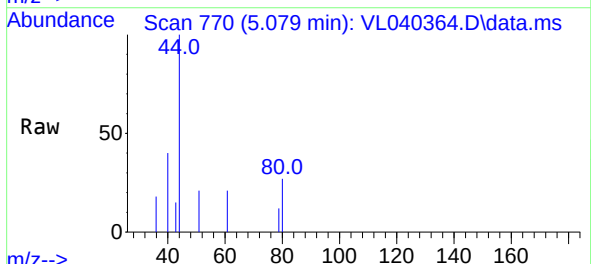
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

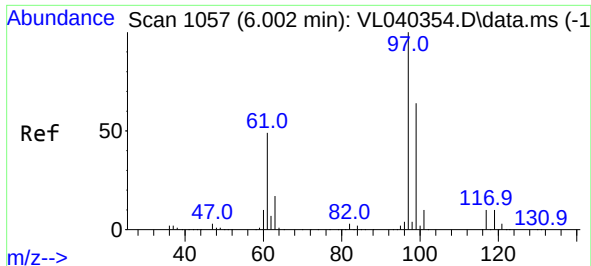
Tgt Ion: 84 Resp: 3358
Ion Ratio Lower Upper
84 100
56 0.0 107.0 160.6#
41 8.9 66.7 100.1#



#31
cis-1,2-Dichloroethene
Concen: 0.001 ppbv
RT: 5.079 min Scan# 770
Delta R.T. 0.003 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

Tgt Ion: 61 Resp: 60
Ion Ratio Lower Upper
61 100
96 0.0 53.0 79.4#
98 0.0 33.8 50.8#





#32

1,1,1-Trichloroethane

Concen: 0.001 ppbv

RT: 6.012 min Scan# 1

Delta R.T. 0.010 min

Lab File: VL040364.D

Acq: 13 Apr 2023 17:53

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

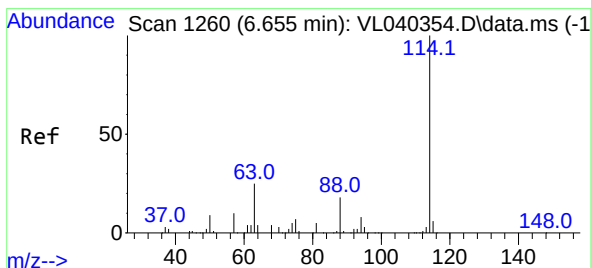
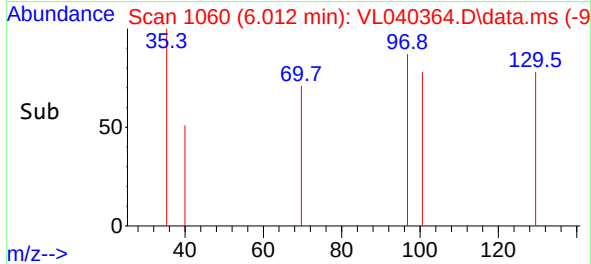
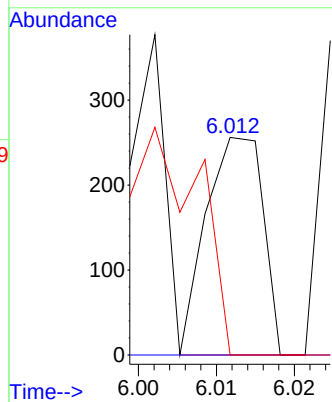
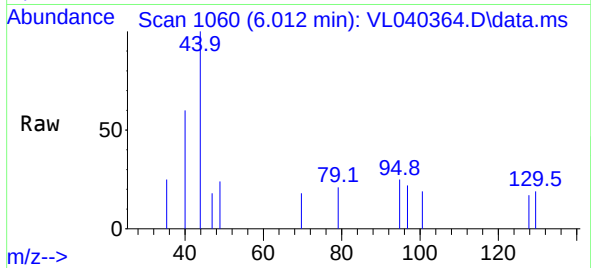
Tgt Ion: 97 Resp: 130

Ion Ratio Lower Upper

97 100

99 0.0 51.8 77.8#

61 0.0 40.4 60.6#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 1261

Delta R.T. 0.003 min

Lab File: VL040364.D

Acq: 13 Apr 2023 17:53

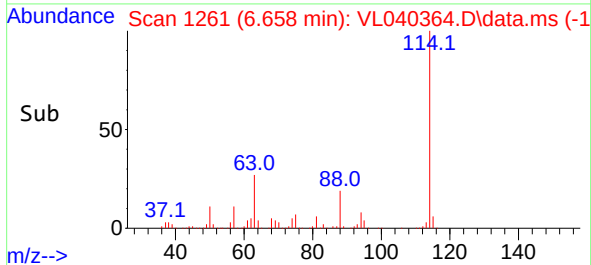
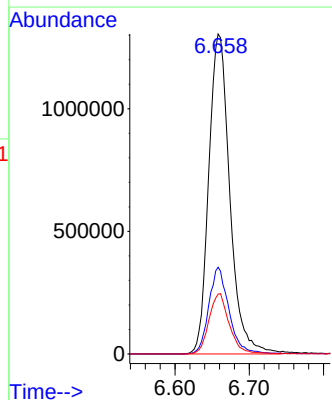
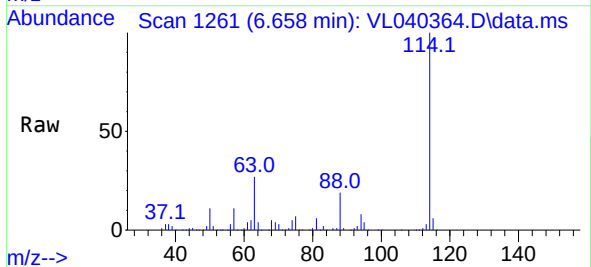
Tgt Ion: 114 Resp: 2567488

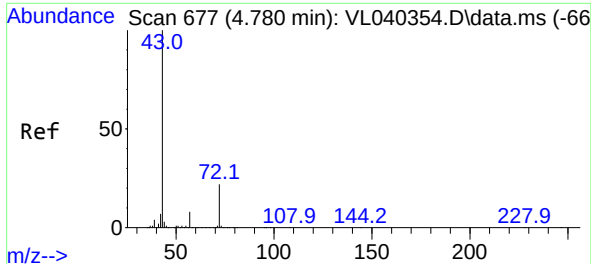
Ion Ratio Lower Upper

114 100

63 26.1 21.4 32.0

88 18.3 14.6 22.0

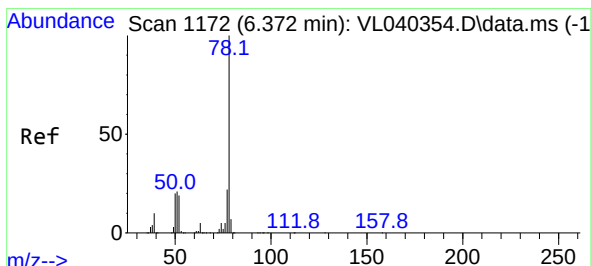
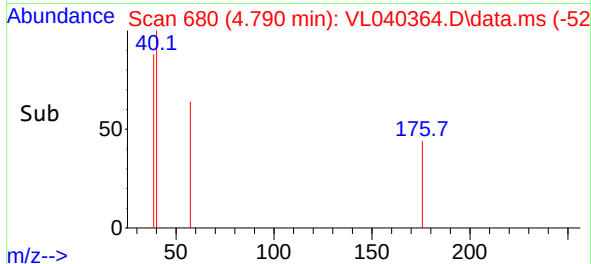
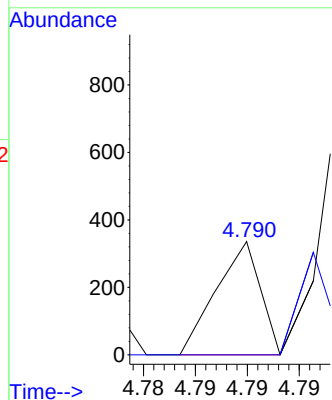
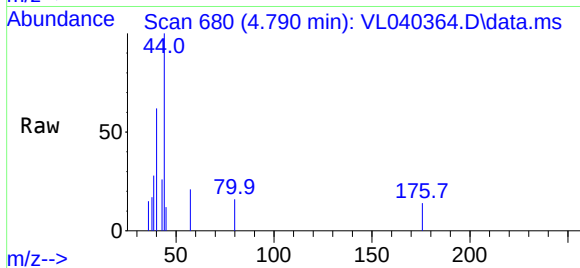




#34
2-Butanone
Concen: 0.001 ppbv
RT: 4.790 min Scan# 61
Delta R.T. 0.010 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

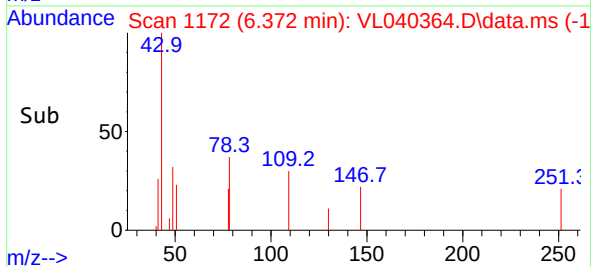
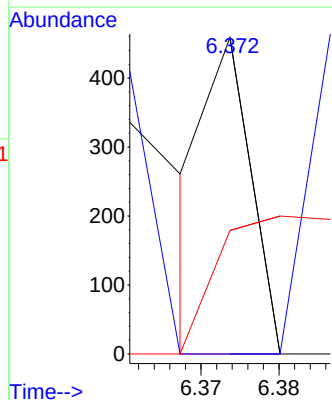
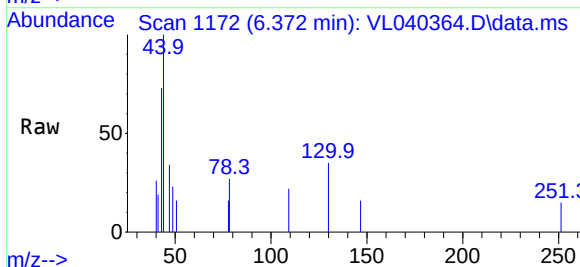
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

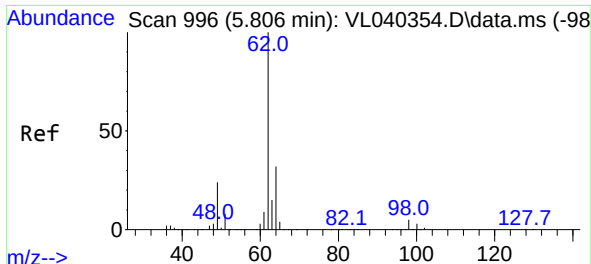
Tgt Ion: 43 Resp: 100
Ion Ratio Lower Upper
43 100
72 0.0 18.4 27.6#



#36
Benzene
Concen: 0.000 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

Tgt Ion: 78 Resp: 88
Ion Ratio Lower Upper
78 100
77 85.4 17.8 26.8#
50 90.4 15.6 23.4#

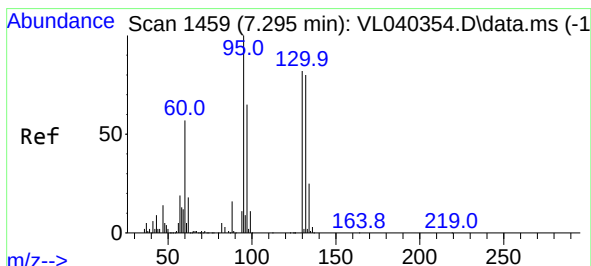
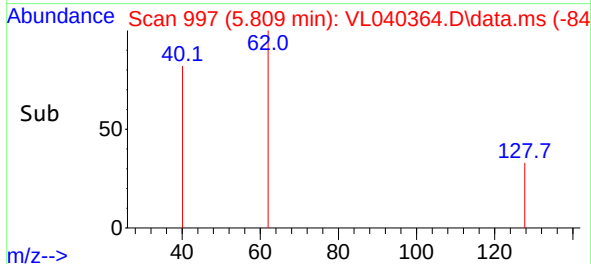
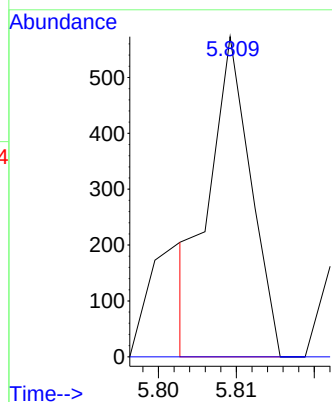
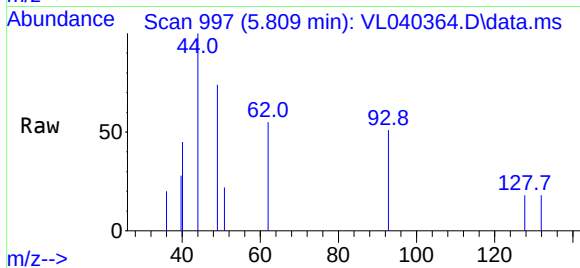




#37
1,2-Dichloroethane
Concen: 0.001 ppbv
RT: 5.809 min Scan# 996
Delta R.T. 0.003 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

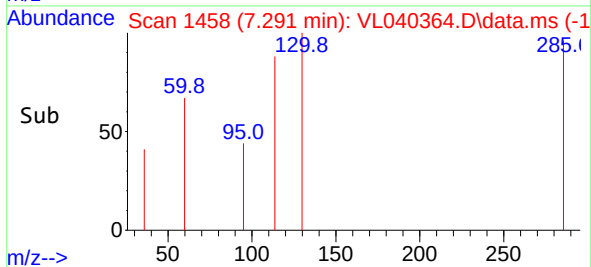
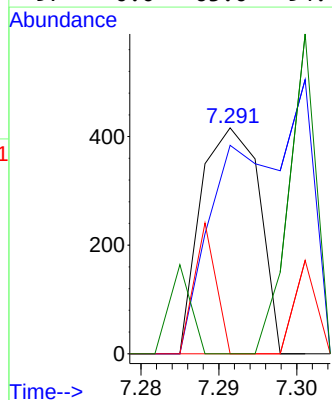
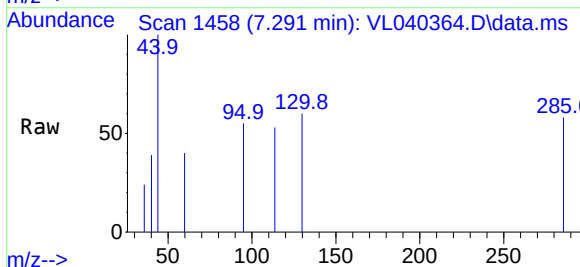
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

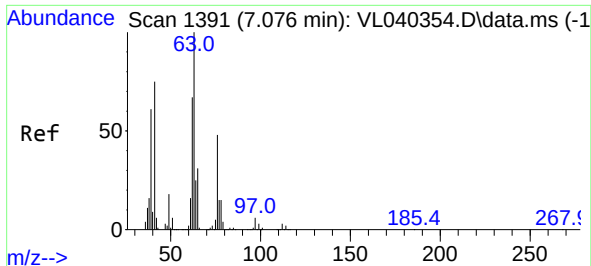
Tgt Ion: 62 Resp: 205
Ion Ratio Lower Upper
62 100
98 0.0 4.4 6.6#



#38
Trichloroethene
Concen: 0.002 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. -0.003 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

Tgt Ion: 130 Resp: 217
Ion Ratio Lower Upper
130 100
95 92.3 97.4 146.0#
132 0.0 77.5 116.3#
97 0.0 63.0 94.4#





#39

1,2-Dichloropropane

Concen: 8.078 ppbv

RT: 6.658 min Scan# 11

Delta R.T. -0.418 min

Lab File: VL040364.D

Acq: 13 Apr 2023 17:53

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

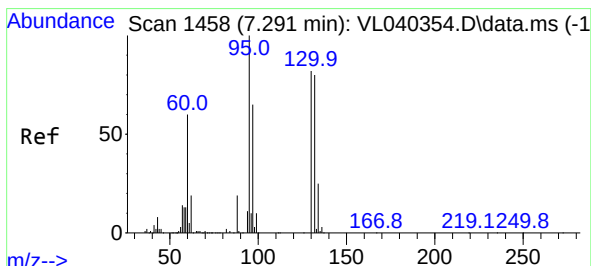
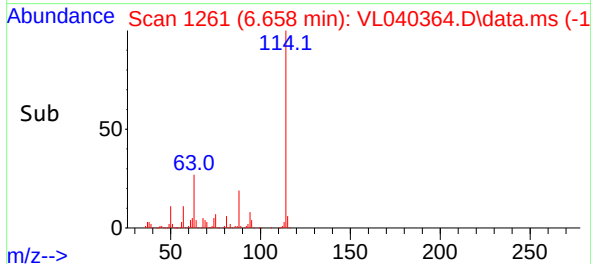
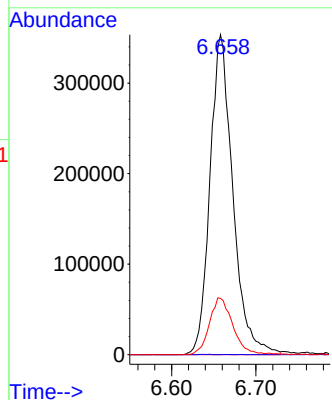
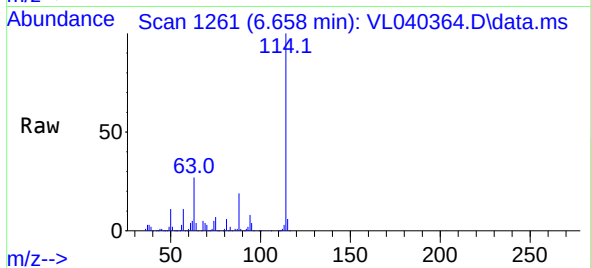
Tgt Ion: 63 Resp: 665792

Ion Ratio Lower Upper

63 100

41 0.0 59.6 89.4#

62 17.6 53.9 80.9#



#40

1,4-Dioxane

Concen: 0.003 ppbv

RT: 7.259 min Scan# 1448

Delta R.T. -0.032 min

Lab File: VL040364.D

Acq: 13 Apr 2023 17:53

Tgt Ion: 88 Resp: 97

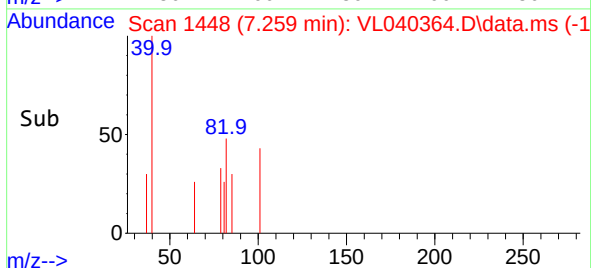
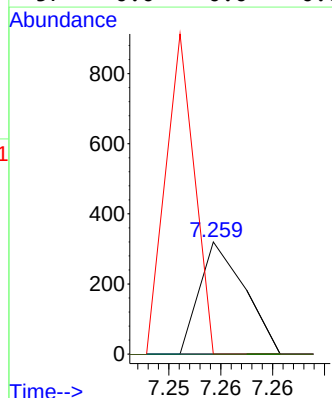
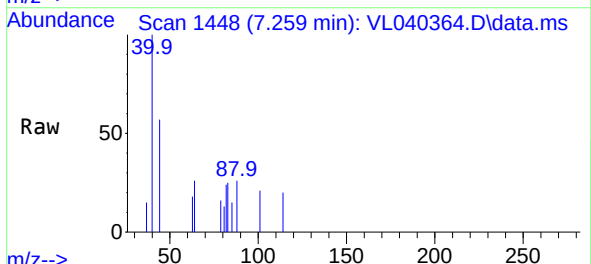
Ion Ratio Lower Upper

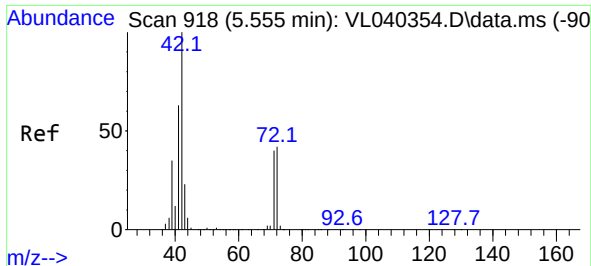
88 100

58 0.0 100.8 151.2#

43 167.0 0.0 0.0#

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 0.002 ppbv

RT: 5.603 min Scan# 918

Delta R.T. 0.048 min

Lab File: VL040364.D

Acq: 13 Apr 2023 17:53

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

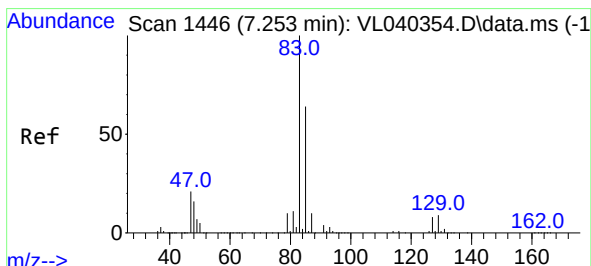
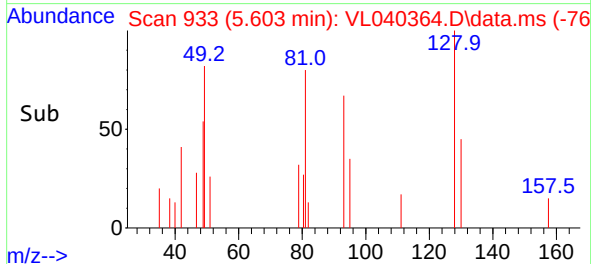
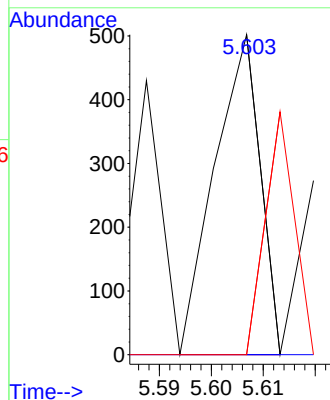
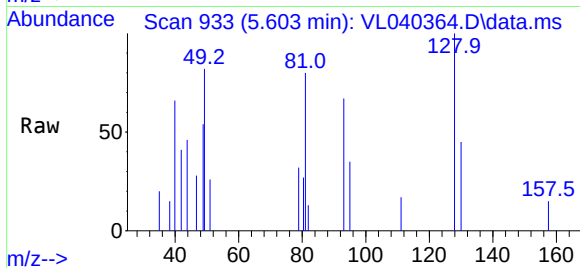
Tgt Ion: 42 Resp: 153

Ion Ratio Lower Upper

42 100

72 0.0 33.7 50.5#

71 0.0 32.2 48.2#



#42

Bromodichloromethane

Concen: 0.000 ppbv

RT: 7.259 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VL040364.D

Acq: 13 Apr 2023 17:53

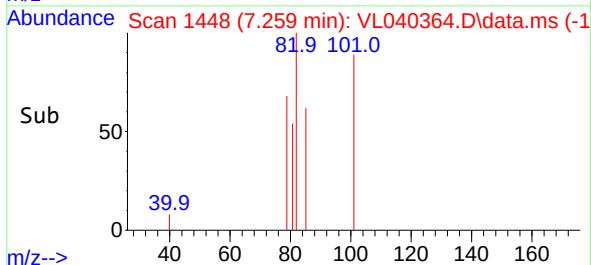
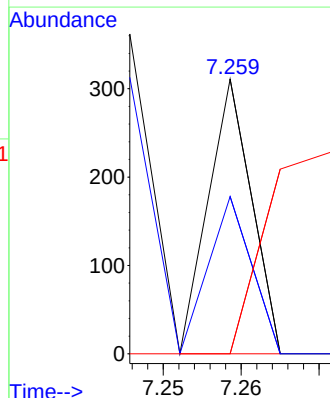
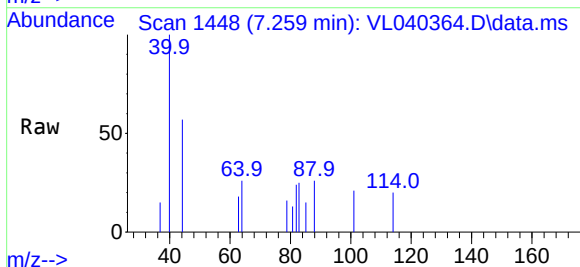
Tgt Ion: 83 Resp: 60

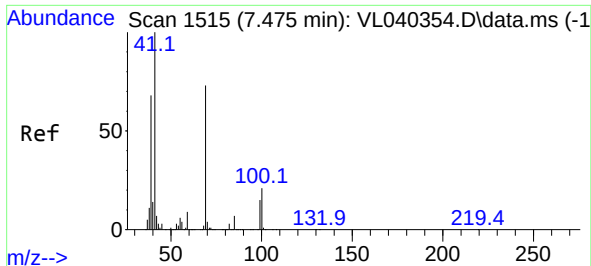
Ion Ratio Lower Upper

83 100

85 57.2 50.9 76.3

127 0.0 6.4 9.6#





#43

Methyl Methacrylate

Concen: 0.002 ppbv

RT: 7.491 min Scan# 11

Delta R.T. 0.016 min

Lab File: VL040364.D

Acq: 13 Apr 2023 17:53

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

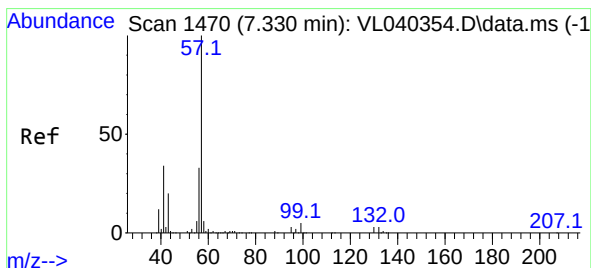
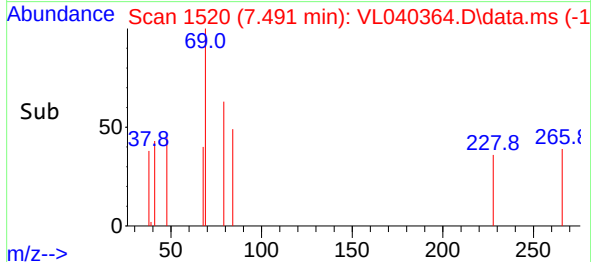
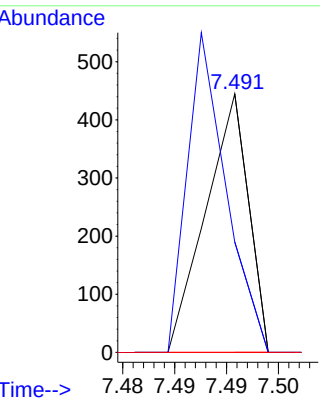
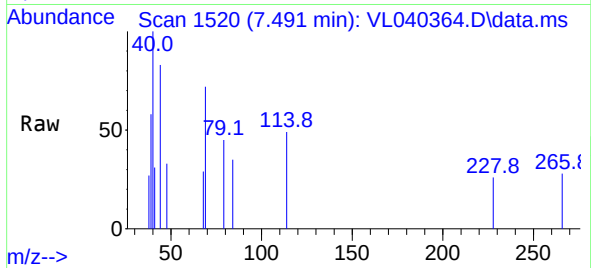
Tgt Ion: 69 Resp: 127

Ion Ratio Lower Upper

69 100

41 139.4 114.3 171.5

100 0.0 24.5 36.7#



#44

2,2,4-Trimethylpentane

Concen: 0.000 ppbv

RT: 7.333 min Scan# 1471

Delta R.T. 0.003 min

Lab File: VL040364.D

Acq: 13 Apr 2023 17:53

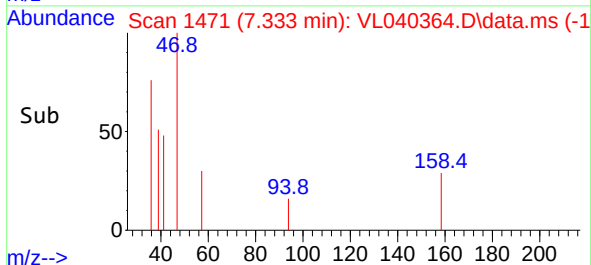
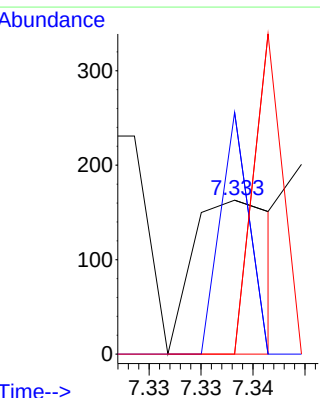
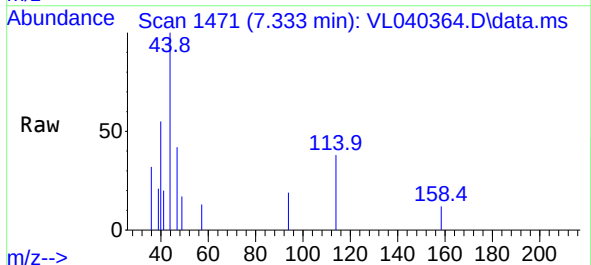
Tgt Ion: 57 Resp: 90

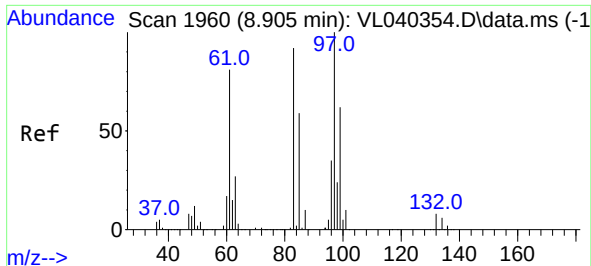
Ion Ratio Lower Upper

57 100

41 136.7 26.9 40.3#

56 72.2 25.1 37.7#





#47

1,1,2-Trichloroethane

Concen: 0.001 ppbv

RT: 8.893 min Scan# 1956

Delta R.T. -0.013 min

Lab File: VL040364.D

Acq: 13 Apr 2023 17:53

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tgt Ion: 97 Resp: 111

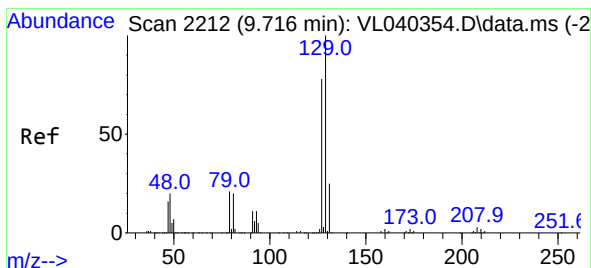
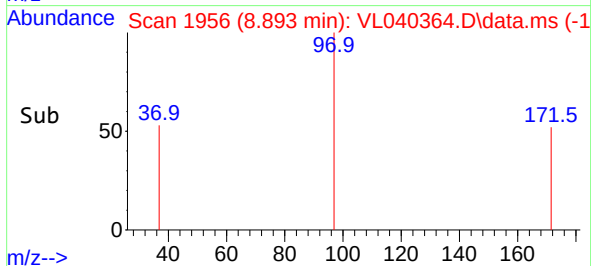
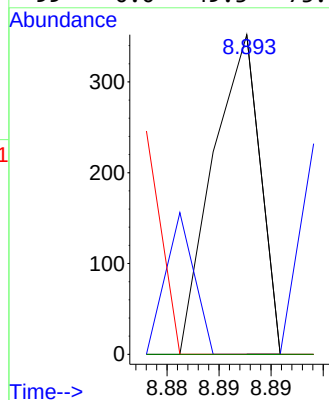
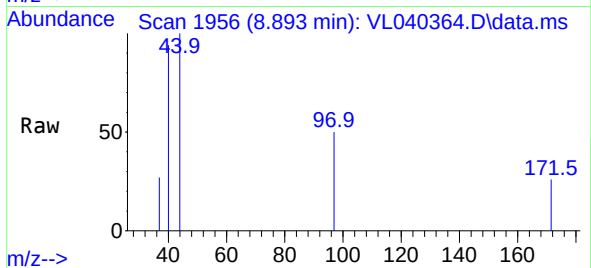
Ion Ratio Lower Upper

97 100

83 0.0 73.3 109.9#

85 0.0 46.9 70.3#

99 0.0 49.3 73.9#



#48

Dibromochloromethane

Concen: 0.001 ppbv

RT: 9.761 min Scan# 2226

Delta R.T. 0.045 min

Lab File: VL040364.D

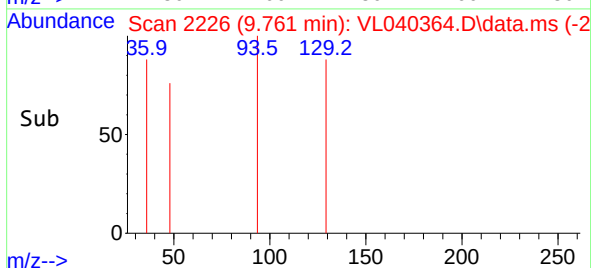
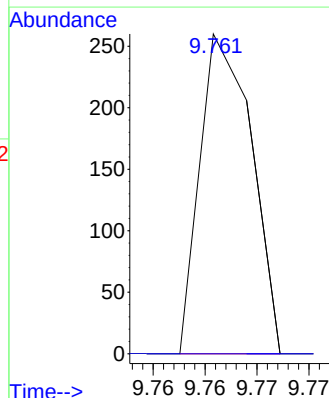
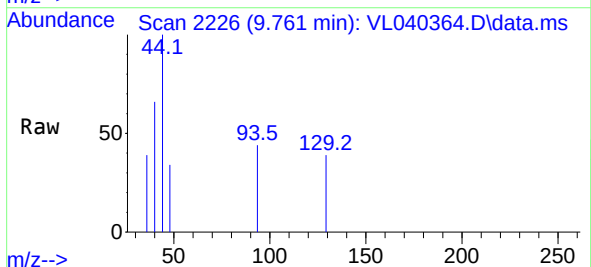
Acq: 13 Apr 2023 17:53

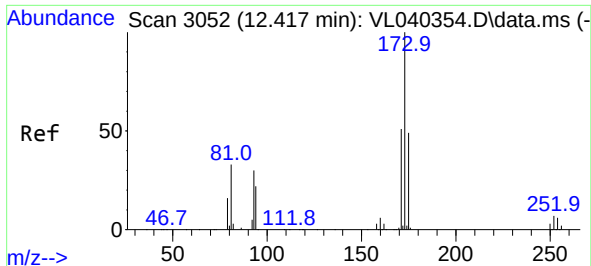
Tgt Ion: 129 Resp: 90

Ion Ratio Lower Upper

129 100

127 151.1 39.2 117.6#

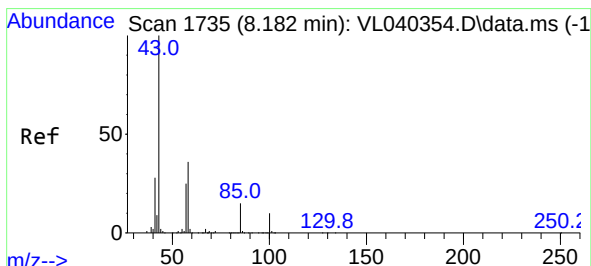
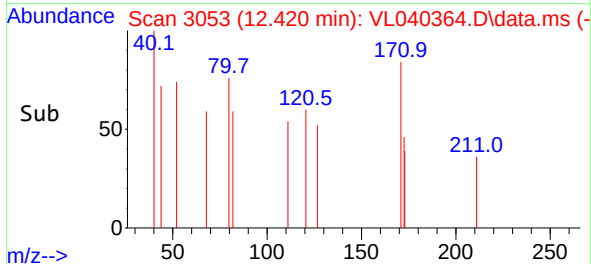
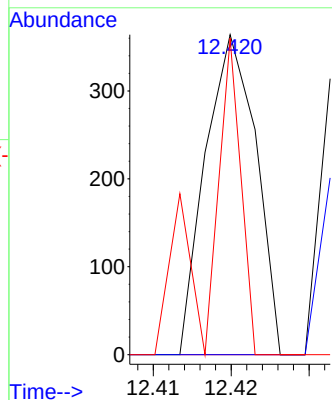
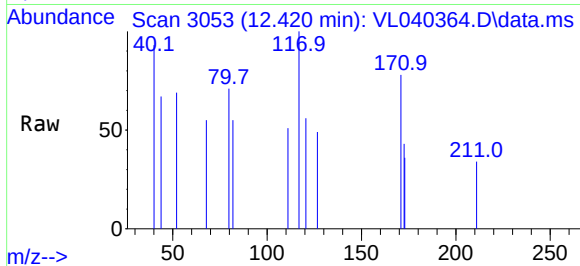




#49
Bromoform
Concen: 0.001 ppbv
RT: 12.420 min Scan# 3052
Delta R.T. 0.003 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

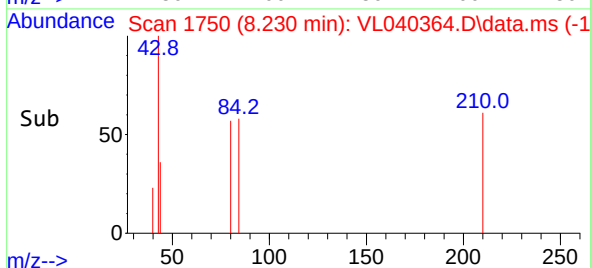
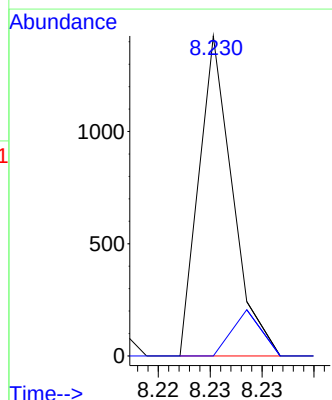
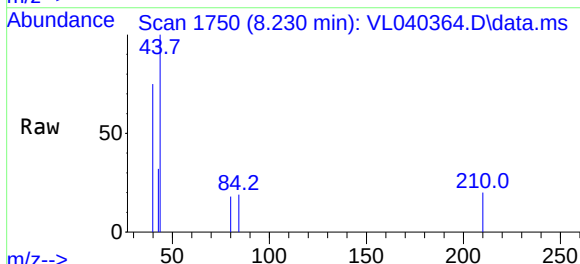
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

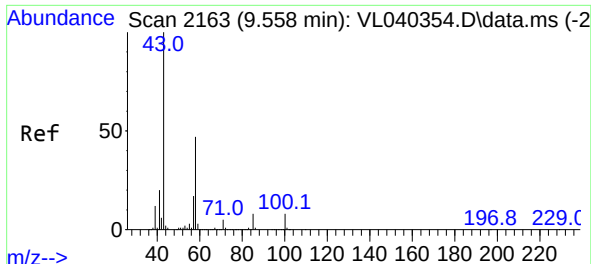
Tgt Ion:173 Resp: 164
Ion Ratio Lower Upper
173 100
175 62.2 39.8 59.8#
171 64.0 42.2 63.2#



#50
4-Methyl-2-Pentanone
Concen: 0.002 ppbv
RT: 8.230 min Scan# 1750
Delta R.T. 0.048 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

Tgt Ion: 43 Resp: 322
Ion Ratio Lower Upper
43 100
58 23.6 28.6 43.0#

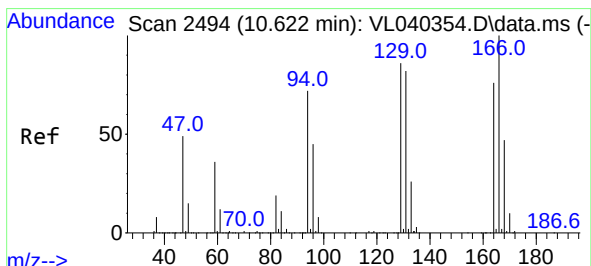
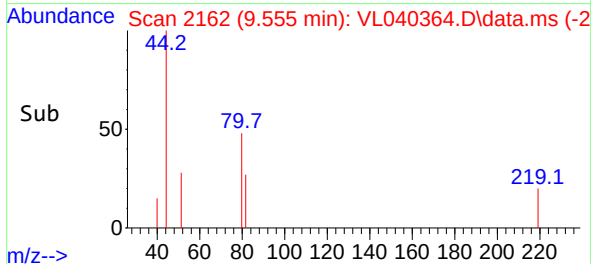
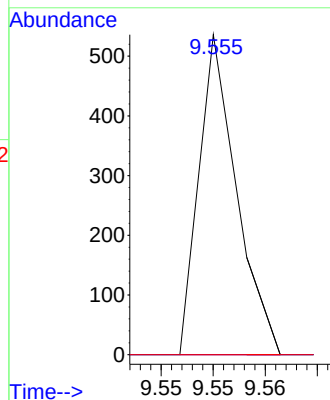
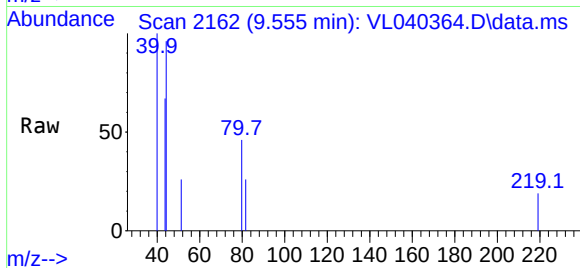




#51
2-Hexanone
Concen: 0.001 ppbv
RT: 9.555 min Scan# 2163
Delta R.T. -0.003 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

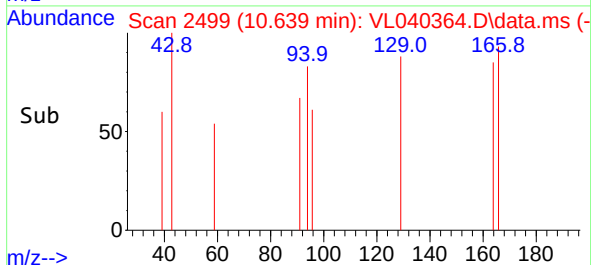
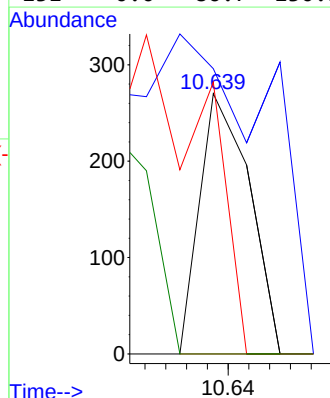
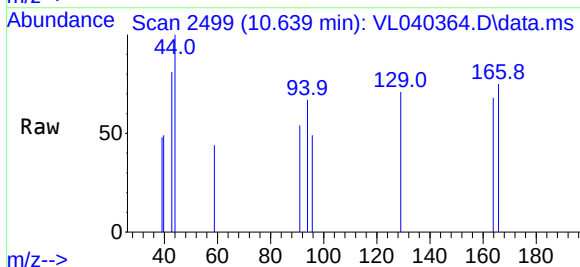
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

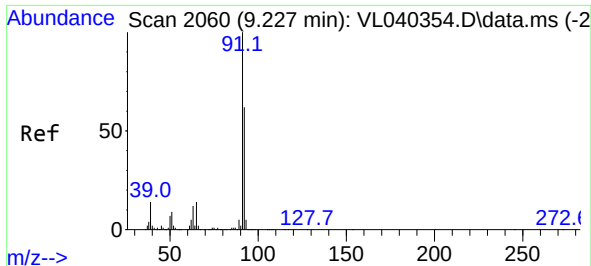
Tgt Ion:	43	Resp:	135
Ion	Ratio	Lower	Upper
43	100		
58	0.0	38.3	57.5#
98	0.0	0.4	0.6#



#52
Tetrachloroethene
Concen: 0.001 ppbv
RT: 10.639 min Scan# 2499
Delta R.T. 0.016 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

Tgt Ion:	164	Resp:	90
Ion	Ratio	Lower	Upper
164	100		
166	0.0	105.2	157.8#
129	104.4	90.3	135.5
131	0.0	86.7	130.1#

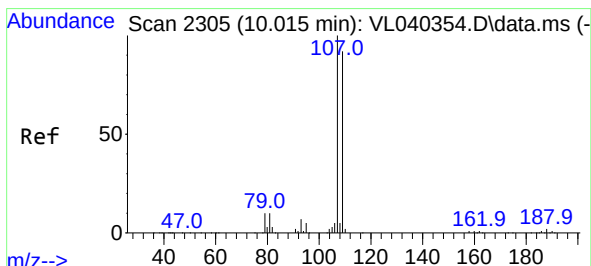
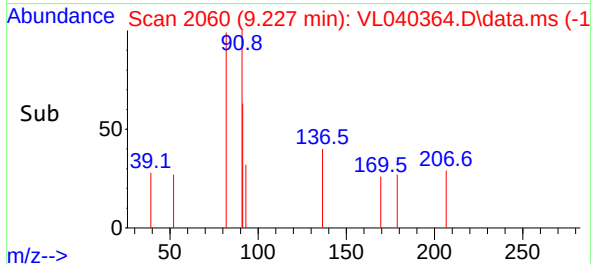
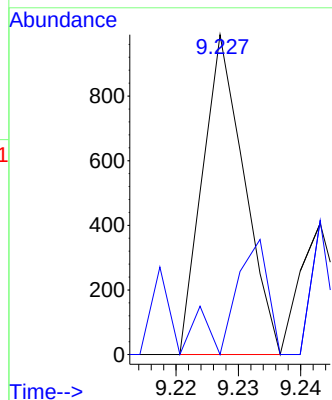
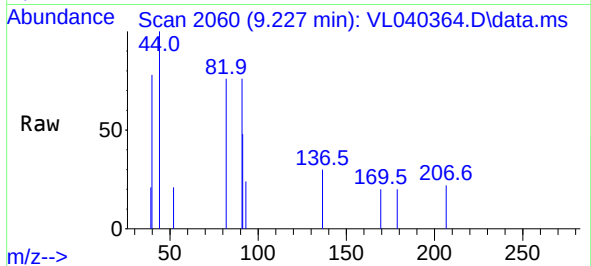




#53
Toluene
Concen: 0.002 ppbv
RT: 9.227 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

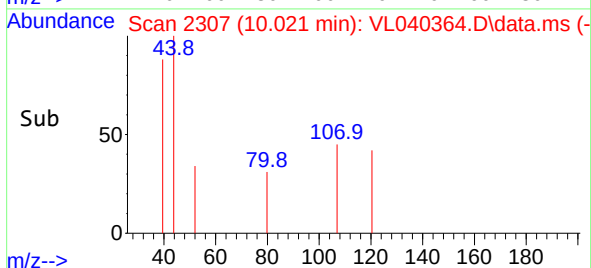
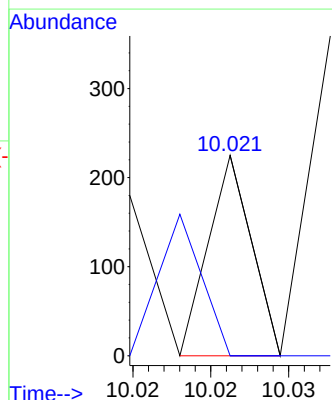
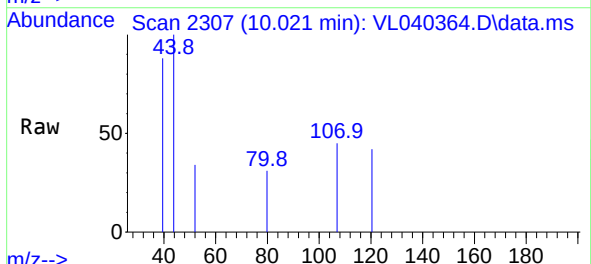
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

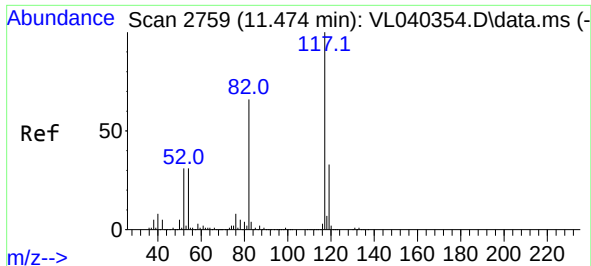
Tgt Ion: 91 Resp: 459
Ion Ratio Lower Upper
91 100
92 0.0 48.9 73.3#



#54
1,2-Dibromoethane
Concen: 0.000 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. 0.007 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

Tgt Ion: 107 Resp: 43
Ion Ratio Lower Upper
107 100
109 0.0 73.6 110.4#

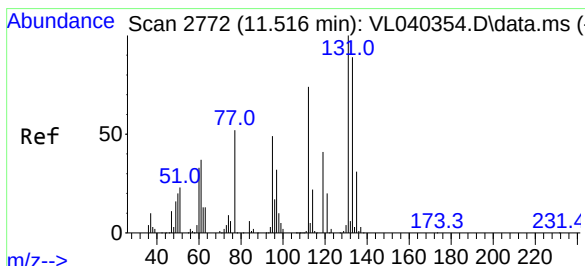
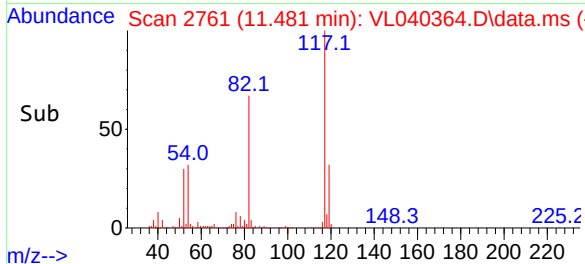
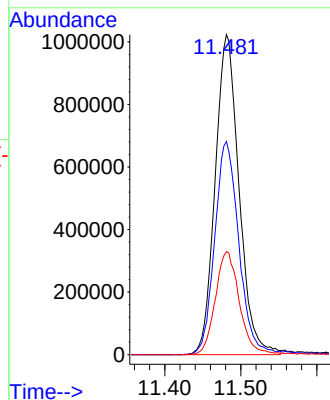
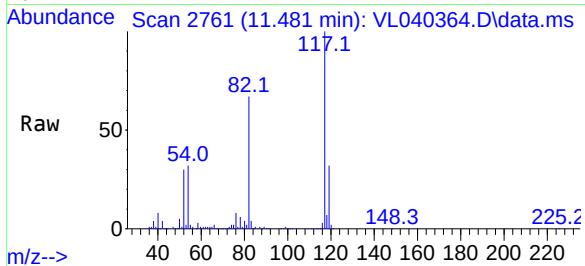




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

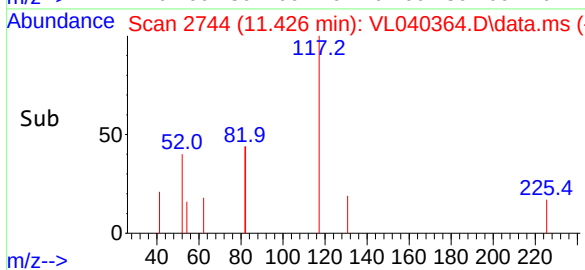
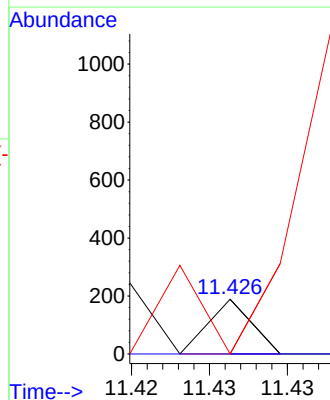
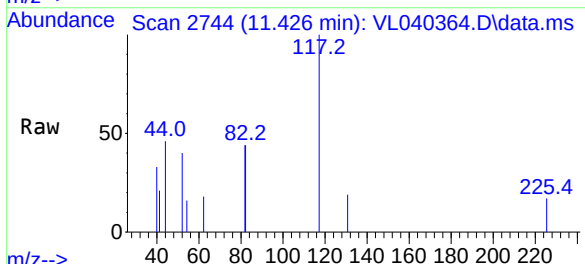
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

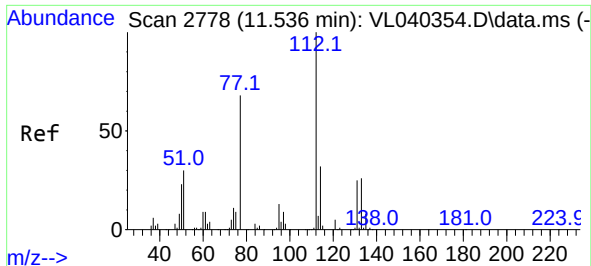
Tgt Ion:117 Resp: 2230911
Ion Ratio Lower Upper
117 100
82 68.7 52.5 78.7
119 32.8 24.3 36.5



#56
1,1,1,2-Tetrachloroethane
Concen: 0.000 ppbv
RT: 11.426 min Scan# 2744
Delta R.T. -0.090 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

Tgt Ion:131 Resp: 36
Ion Ratio Lower Upper
131 100
133 0.0 75.3 112.9#
119 2030361.1 53.9 80.9#





#57

Chlorobenzene

Concen: 0.001 ppbv

RT: 11.542 min Scan# 21

Delta R.T. 0.007 min

Lab File: VL040364.D

Acq: 13 Apr 2023 17:53

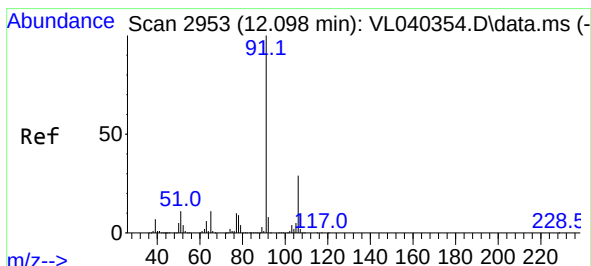
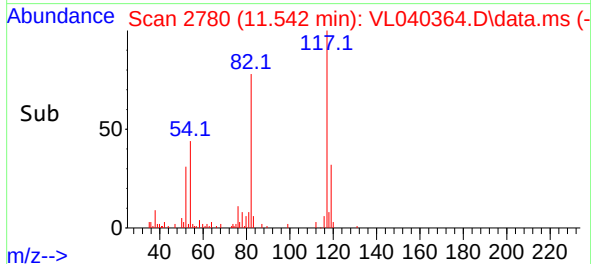
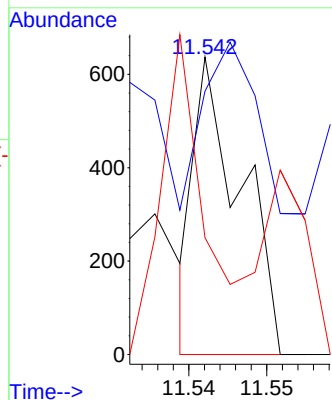
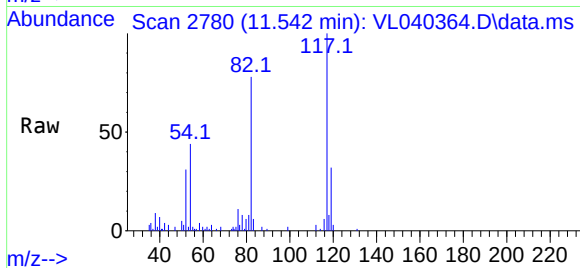
Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tgt Ion:	112	Resp:	262
Ion Ratio	Lower	Upper	
112	100		
77	41.1	55.8	83.8#
114	0.0	29.1	35.5#



#58

Ethyl Benzene

Concen: 0.001 ppbv

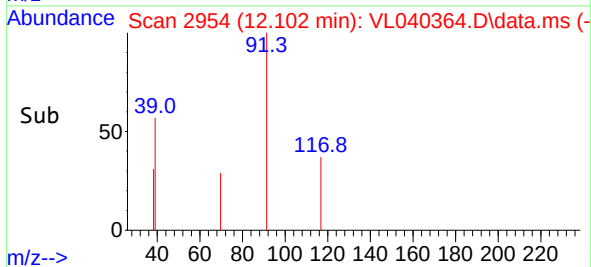
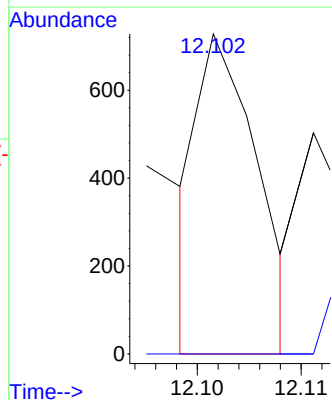
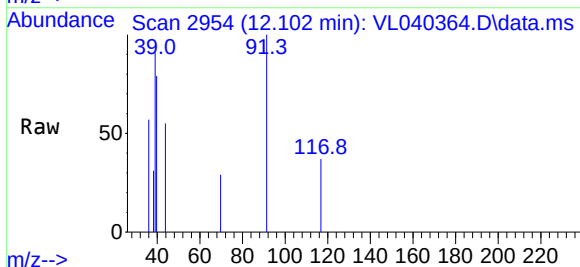
RT: 12.102 min Scan# 2954

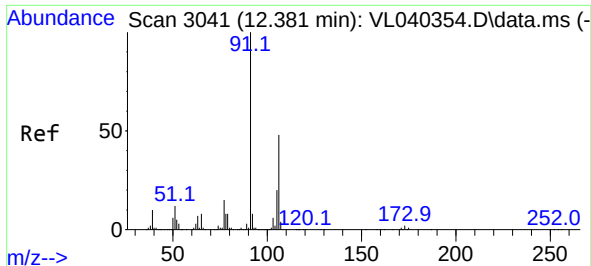
Delta R.T. 0.003 min

Lab File: VL040364.D

Acq: 13 Apr 2023 17:53

Tgt Ion:	91	Resp:	289
Ion Ratio	Lower	Upper	
91	100		
106	0.0	23.5	35.3#





#59

m/p-Xylene

Concen: 0.000 ppbv

RT: 12.388 min Scan# 3043

Delta R.T. 0.007 min

Lab File: VL040364.D

Acq: 13 Apr 2023 17:53

Instrument :

MSVOA_L

ClientSampleId :

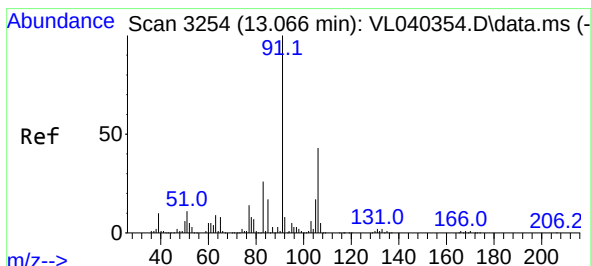
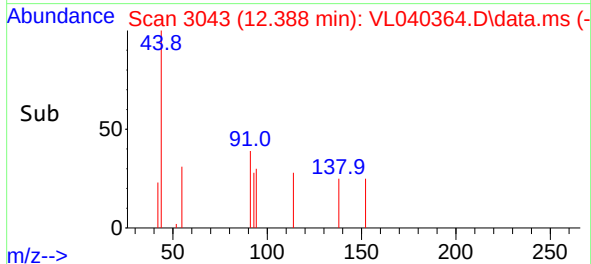
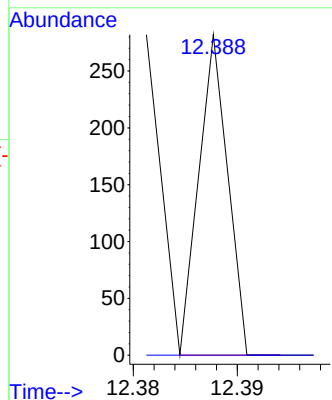
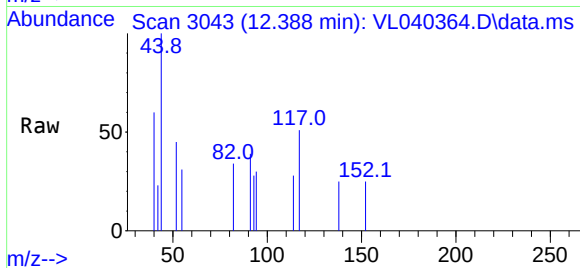
VIBLK

Tgt Ion: 91 Resp: 54

Ion Ratio Lower Upper

91 100

106 0.0 34.7 52.1#



#60

o-Xylene

Concen: 0.001 ppbv

RT: 13.118 min Scan# 3270

Delta R.T. 0.052 min

Lab File: VL040364.D

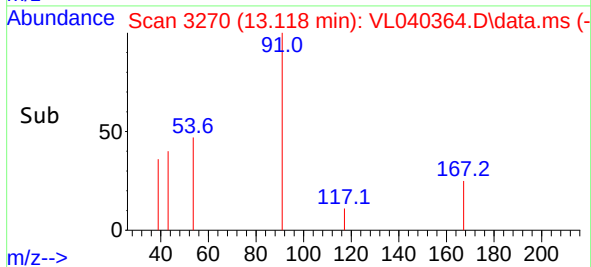
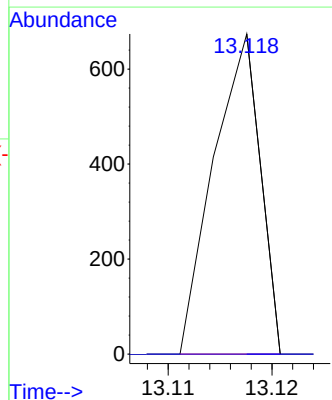
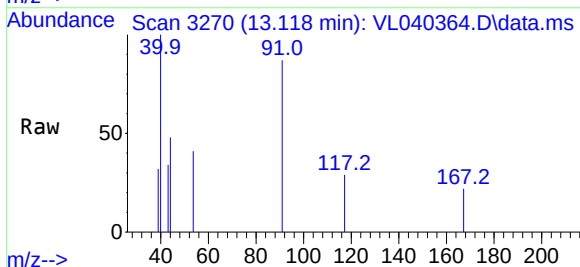
Acq: 13 Apr 2023 17:53

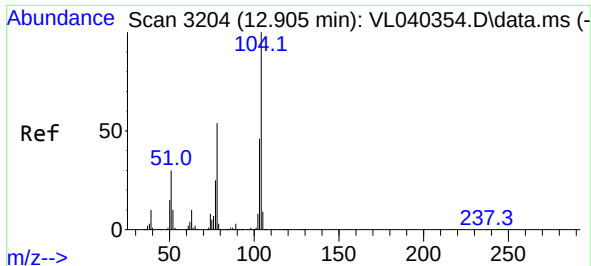
Tgt Ion: 91 Resp: 210

Ion Ratio Lower Upper

91 100

106 64.8 21.9 65.8

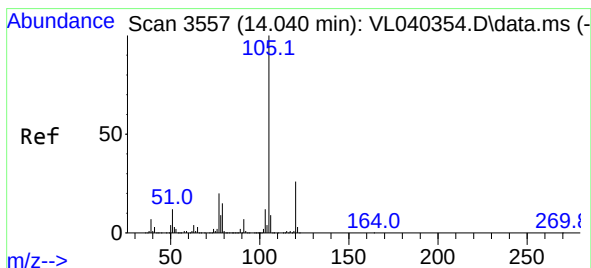
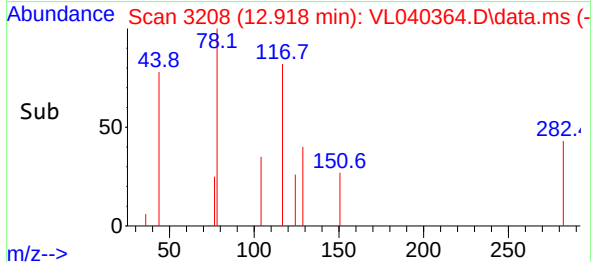
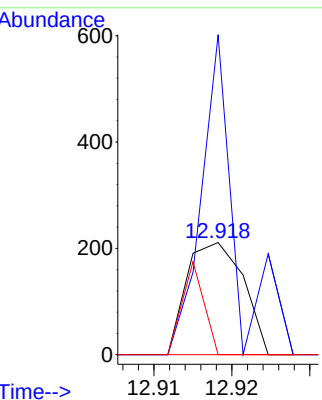
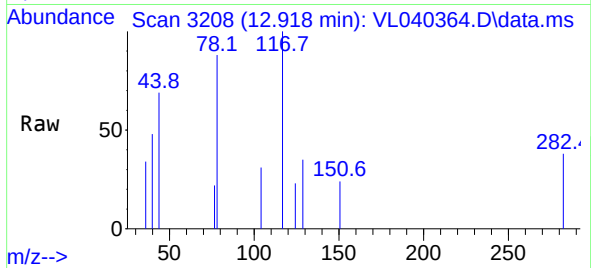




#61
Styrene
Concen: 0.001 ppbv
RT: 12.918 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

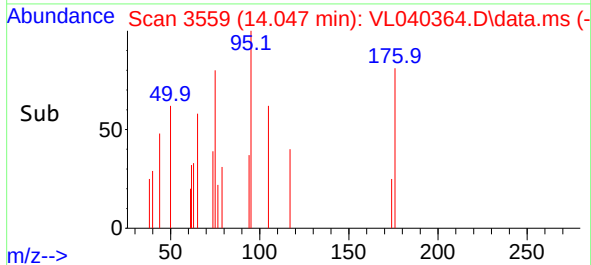
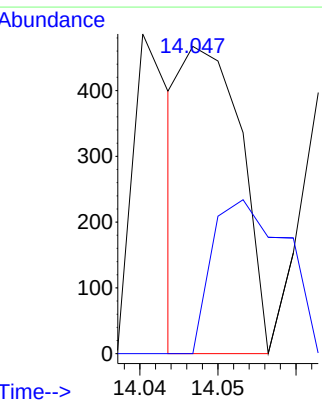
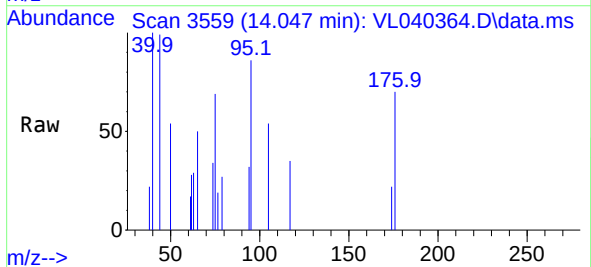
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

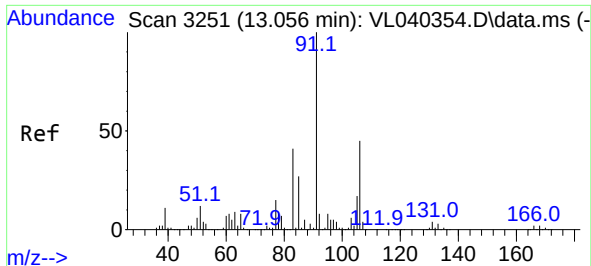
Tgt Ion:104 Resp: 107
Ion Ratio Lower Upper
104 100
78 226.2 43.4 65.0#
103 31.8 37.0 55.4#



#62
Isopropylbenzene
Concen: 0.001 ppbv
RT: 14.047 min Scan# 3559
Delta R.T. 0.007 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

Tgt Ion:105 Resp: 241
Ion Ratio Lower Upper
105 100
120 63.9 19.9 29.9#

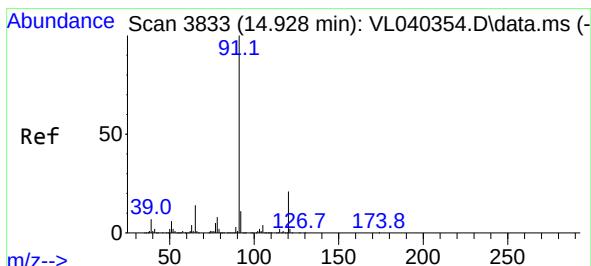
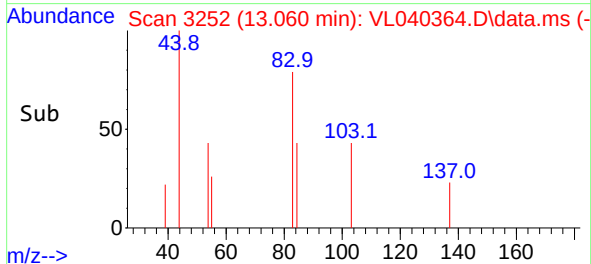
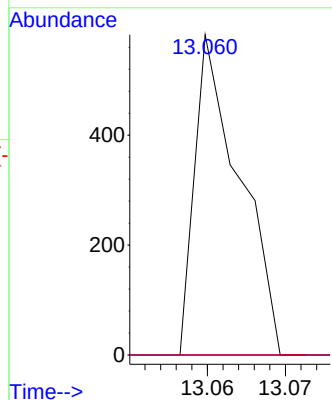
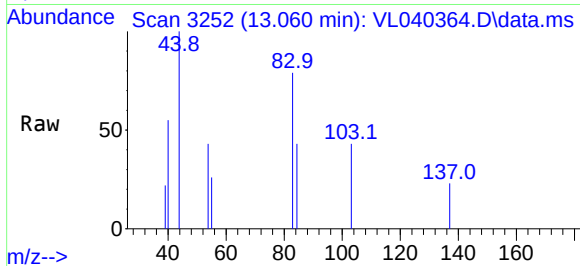




#63
1,1,2,2-Tetrachloroethane
Concen: 0.003 ppbv
RT: 13.060 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

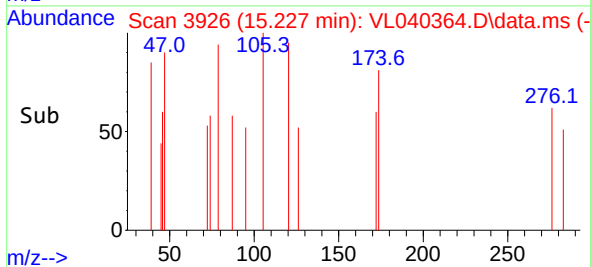
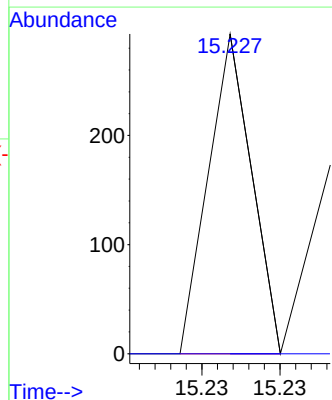
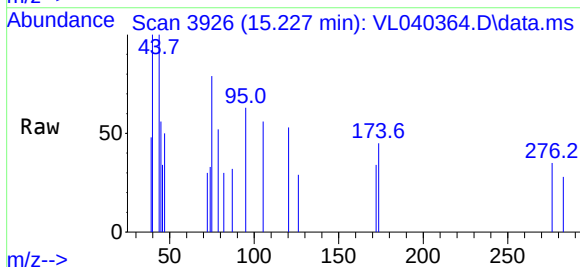
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

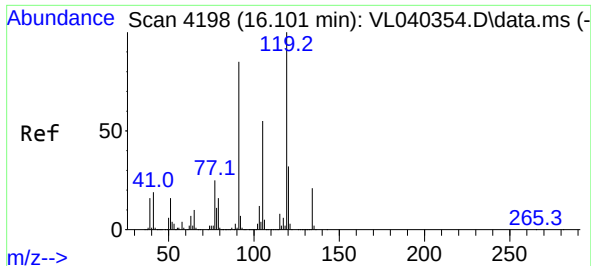
Tgt Ion: 83 Resp: 233
Ion Ratio Lower Upper
83 100
131 13.3 4.3 13.1#
85 16.7 32.9 98.6#



#64
n-propylbenzene
Concen: 0.001 ppbv
RT: 15.227 min Scan# 3926
Delta R.T. 0.299 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

Tgt Ion: 120 Resp: 56
Ion Ratio Lower Upper
120 100
91 0.0 397.4 596.0#

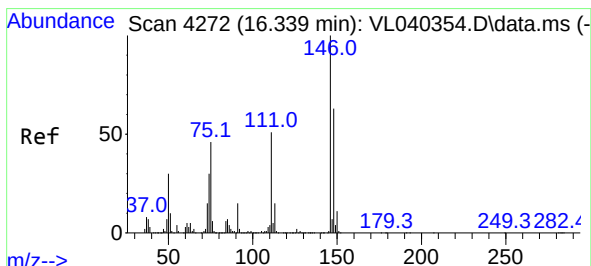
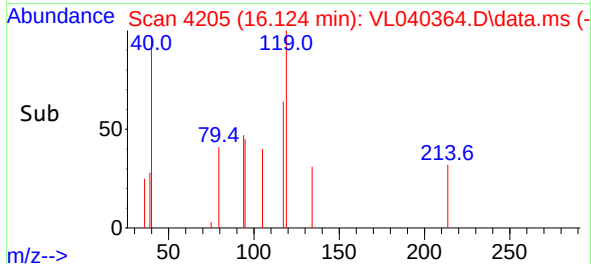
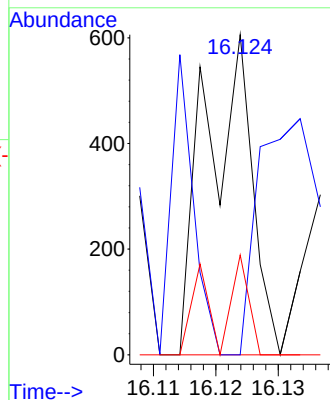
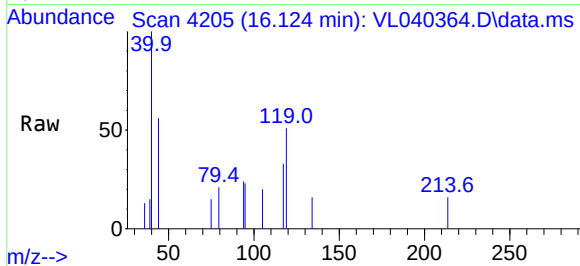




#65
tert-Butylbenzene
Concen: 0.001 ppbv
RT: 16.124 min Scan# 4198
Delta R.T. 0.023 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

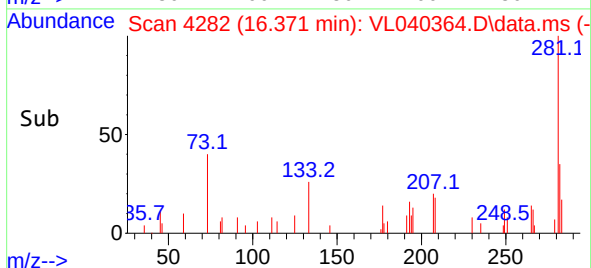
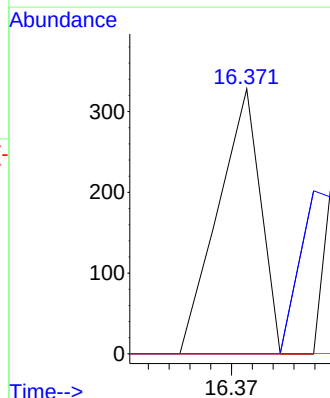
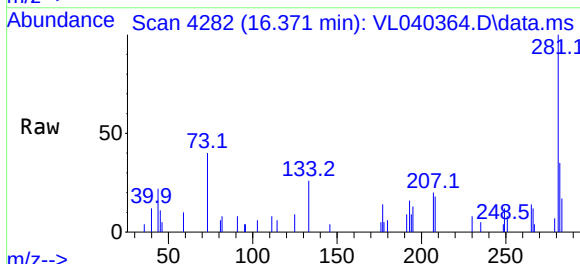
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

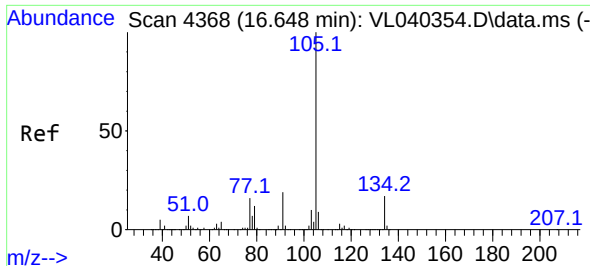
Tgt Ion:119 Resp: 309
Ion Ratio Lower Upper
119 100
91 0.0 70.1 105.1#
134 0.0 15.6 23.4#



#66
Benzyl Chloride
Concen: 0.005 ppbv
RT: 16.371 min Scan# 4282
Delta R.T. 0.032 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

Tgt Ion: 91 Resp: 93
Ion Ratio Lower Upper
91 100
126 197.8 12.3 18.5#
128 0.0 4.1 6.1#

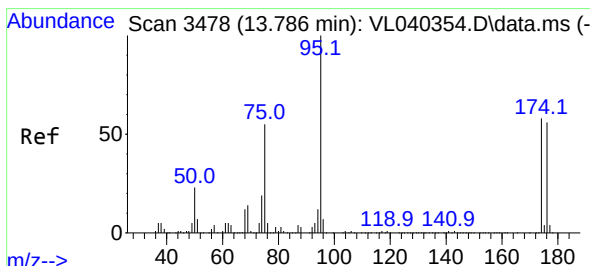
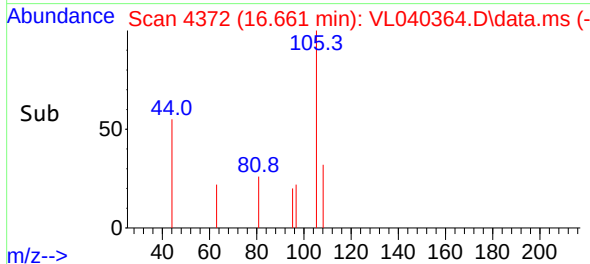
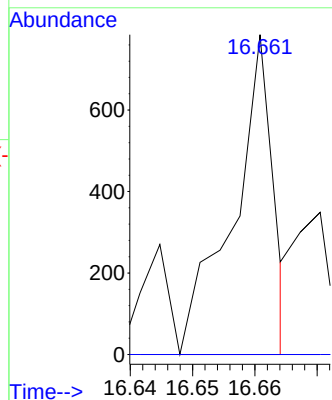
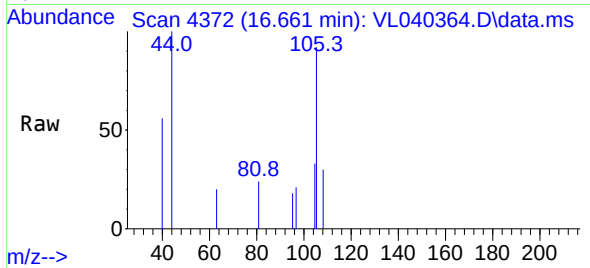




#67
 sec-Butylbenzene
 Concen: 0.001 ppbv
 RT: 16.661 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VL040364.D
 Acq: 13 Apr 2023 17:53

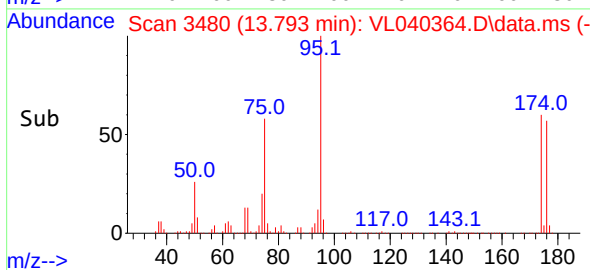
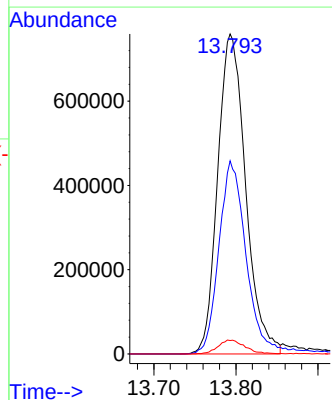
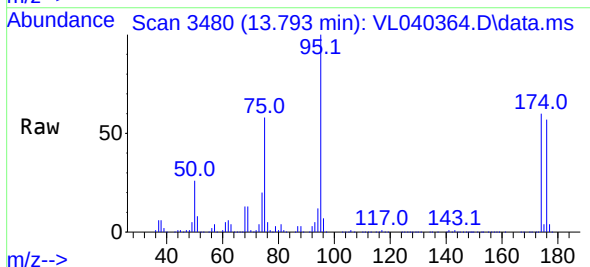
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

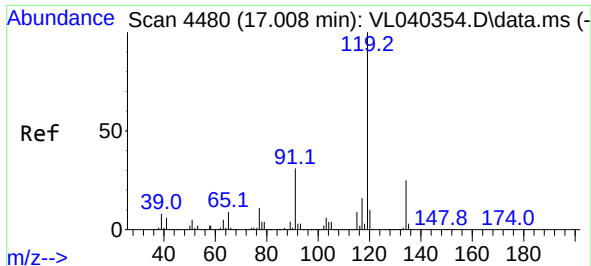
Tgt Ion:105 Resp: 354
 Ion Ratio Lower Upper
 105 100
 134 0.0 13.8 20.6#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.733 ppbv
 RT: 13.793 min Scan# 3480
 Delta R.T. 0.006 min
 Lab File: VL040364.D
 Acq: 13 Apr 2023 17:53

Tgt Ion: 95 Resp: 1795500
 Ion Ratio Lower Upper
 95 100
 174 61.0 47.2 70.8
 175 4.2 3.5 5.3





#69

p-Isopropyltoluene

Concen: 0.000 ppbv

RT: 17.015 min Scan# 44

Delta R.T. 0.006 min

Lab File: VL040364.D

Acq: 13 Apr 2023 17:53

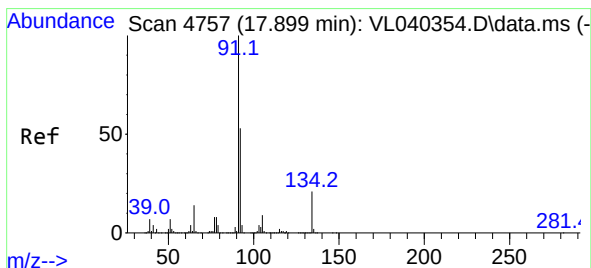
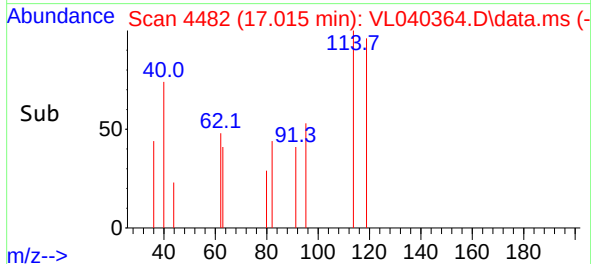
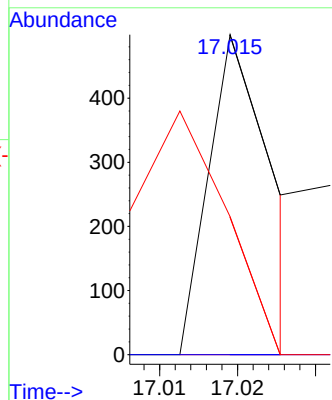
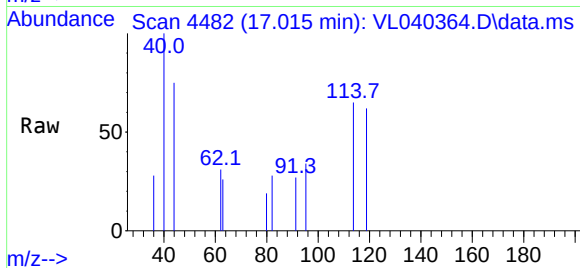
Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tgt Ion:	119	Resp:	144
Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.2	30.4#
91	145.8	25.7	38.5#



#70

n-Butylbenzene

Concen: 0.001 ppbv

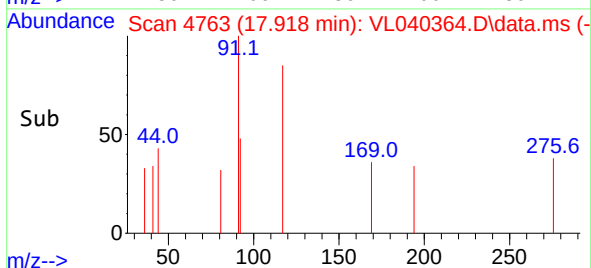
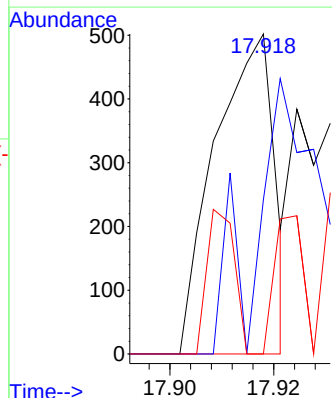
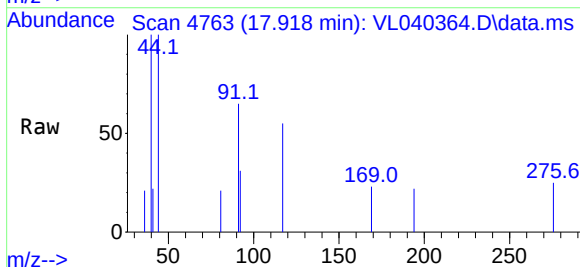
RT: 17.918 min Scan# 4763

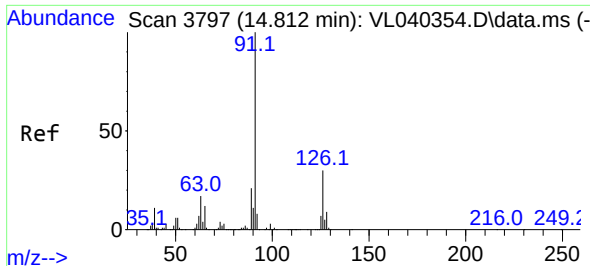
Delta R.T. 0.019 min

Lab File: VL040364.D

Acq: 13 Apr 2023 17:53

Tgt Ion:	91	Resp:	400
Ion	Ratio	Lower	Upper
91	100		
92	0.0	43.0	64.4#
134	0.0	16.6	25.0#

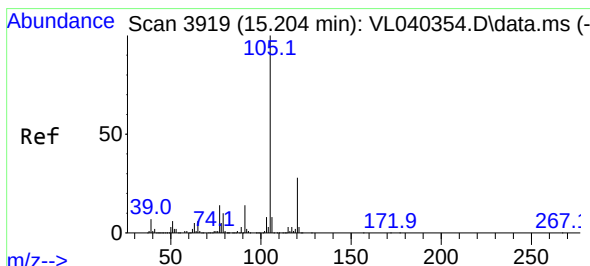
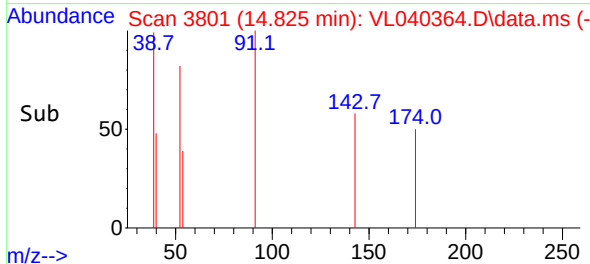
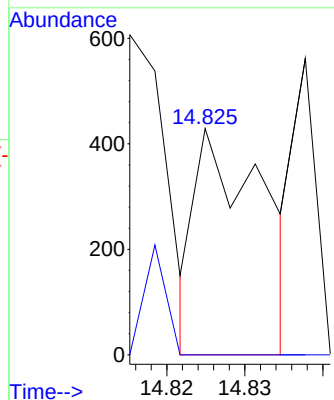
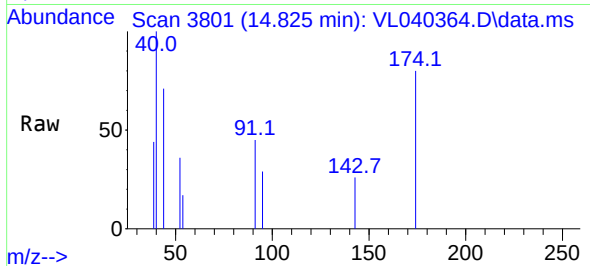




#71
2-Chlorotoluene
Concen: 0.001 ppbv
RT: 14.825 min Scan# 3801
Delta R.T. 0.013 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

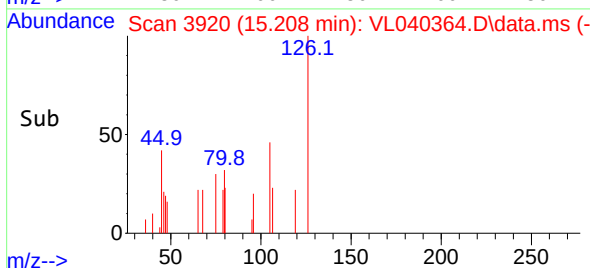
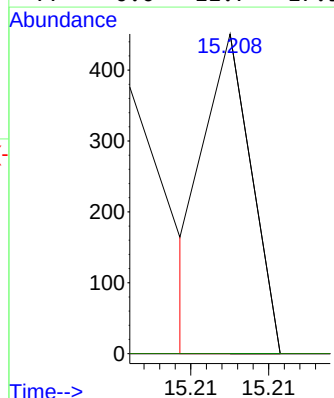
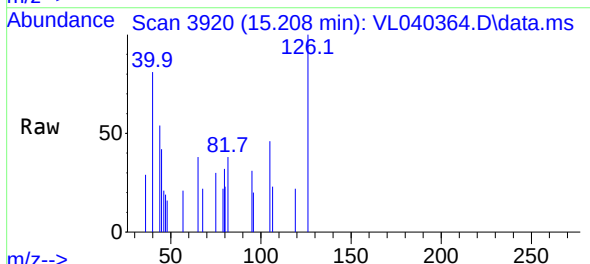
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

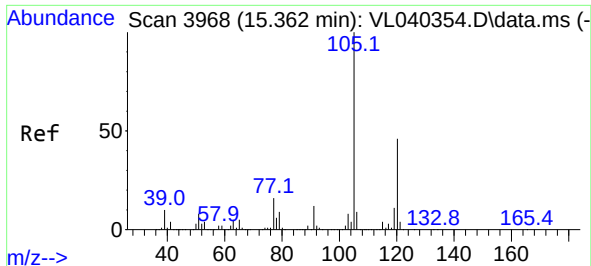
Tgt Ion: 91 Resp: 258
Ion Ratio Lower Upper
91 100
126 0.0 11.8 47.4#



#72
4-Ethyltoluene
Concen: 0.000 ppbv
RT: 15.208 min Scan# 3920
Delta R.T. 0.003 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

Tgt Ion: 105 Resp: 87
Ion Ratio Lower Upper
105 100
120 0.0 23.0 34.6#
91 0.0 11.3 16.9#
77 0.0 11.7 17.5#

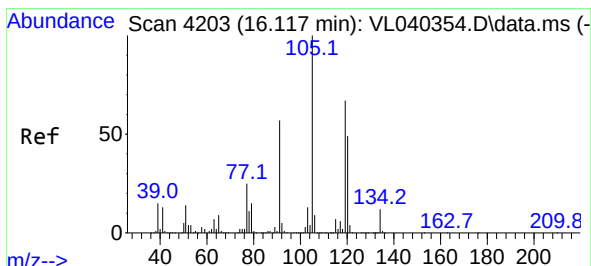
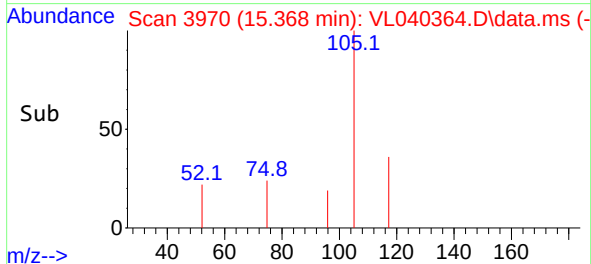
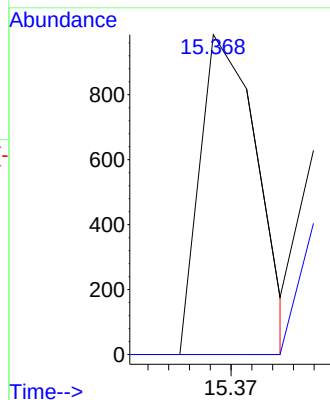
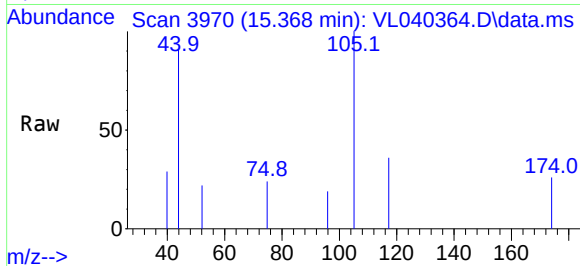




#73
1,3,5-Trimethylbenzene
Concen: 0.002 ppbv
RT: 15.368 min Scan# 3968
Delta R.T. 0.007 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

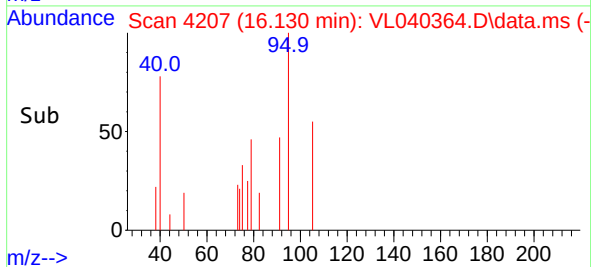
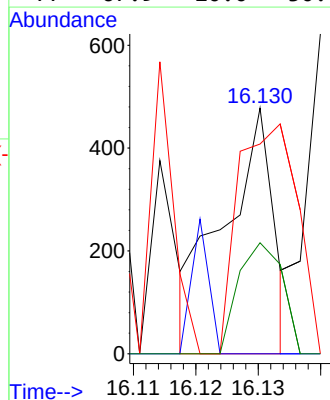
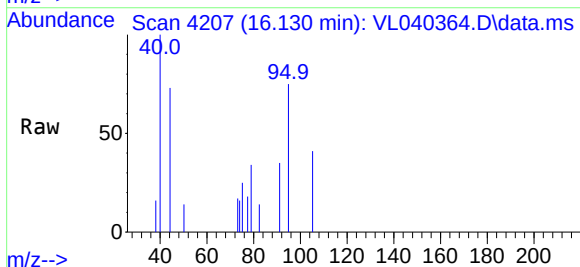
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

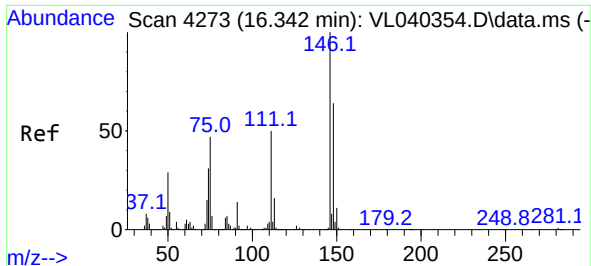
Tgt Ion:105 Resp: 382
Ion Ratio Lower Upper
105 100
120 0.0 36.9 55.3#



#74
1,2,4-Trimethylbenzene
Concen: 0.001 ppbv
RT: 16.130 min Scan# 4207
Delta R.T. 0.013 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

Tgt Ion:105 Resp: 266
Ion Ratio Lower Upper
105 100
120 0.0 38.9 58.3#
91 79.2 46.0 69.0#
77 67.9 20.0 30.0#

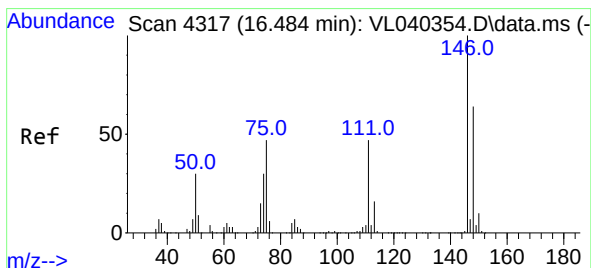
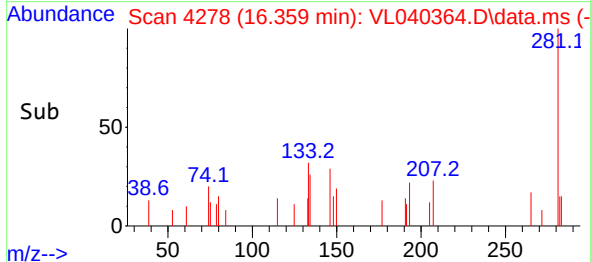
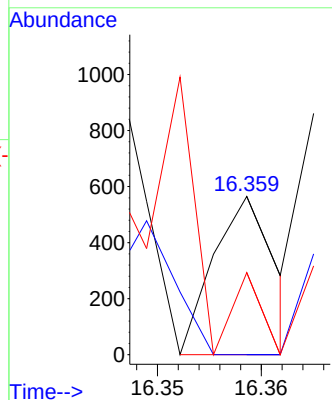
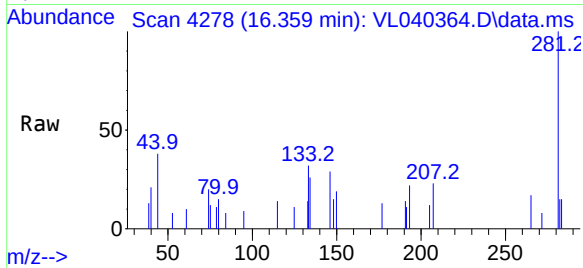




#75
1,3-Dichlorobenzene
Concen: 0.002 ppbv
RT: 16.359 min Scan# 4311
Delta R.T. 0.016 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

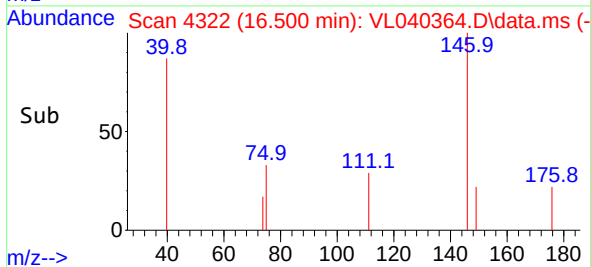
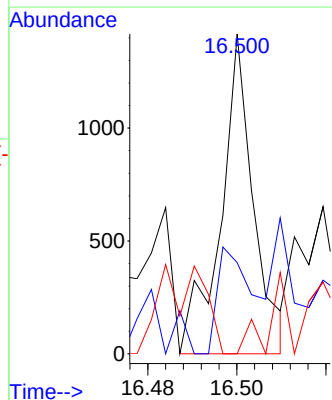
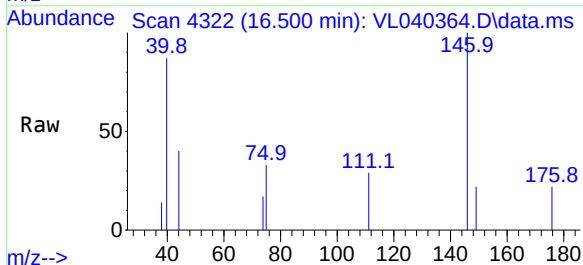
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

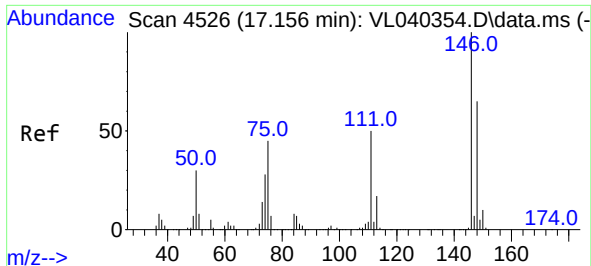
Tgt Ion:146 Resp: 233
Ion Ratio Lower Upper
146 100
111 0.0 24.6 74.0#
148 312.0 32.1 96.3#



#76
1,4-Dichlorobenzene
Concen: 0.005 ppbv
RT: 16.500 min Scan# 4322
Delta R.T. 0.016 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

Tgt Ion:146 Resp: 722
Ion Ratio Lower Upper
146 100
111 0.0 23.8 71.4#
148 0.0 32.4 97.2#

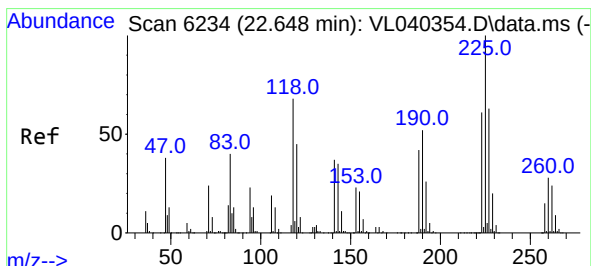
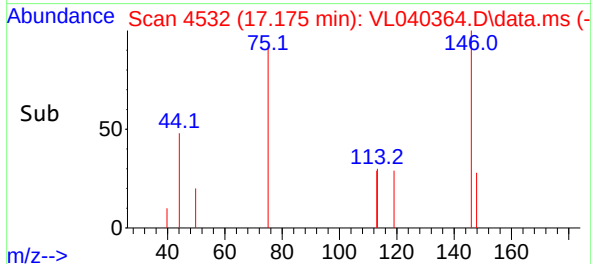
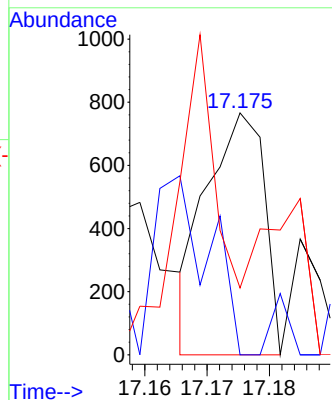
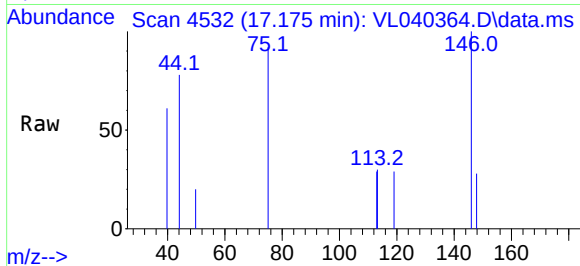




#77
1,2-Dichlorobenzene
Concen: 0.003 ppbv
RT: 17.175 min Scan# 4532
Delta R.T. 0.019 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

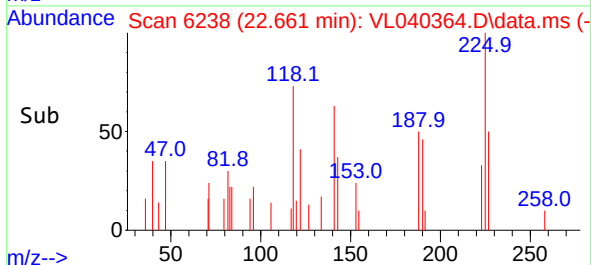
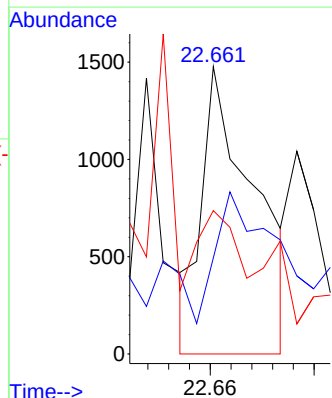
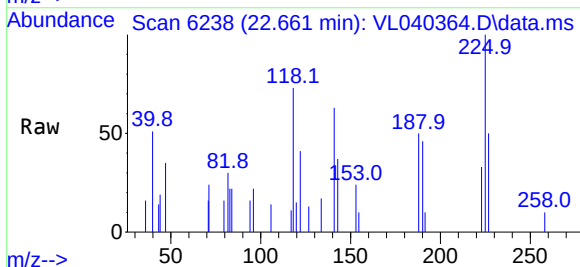
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

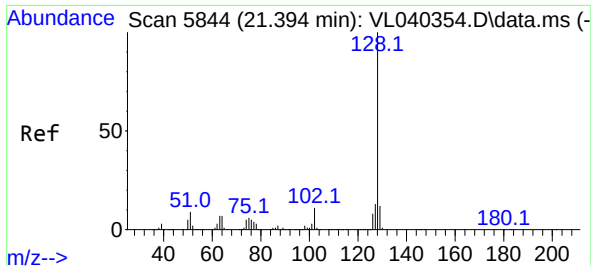
Tgt Ion:146 Resp: 493
Ion Ratio Lower Upper
146 100
111 87.4 25.4 76.0#
148 183.2 32.0 96.2#



#78
Hexachloro-1,3-Butadiene
Concen: 0.008 ppbv
RT: 22.661 min Scan# 6238
Delta R.T. 0.013 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

Tgt Ion:225 Resp: 1025
Ion Ratio Lower Upper
225 100
223 158.3 50.7 76.1#
227 0.0 51.0 76.4#

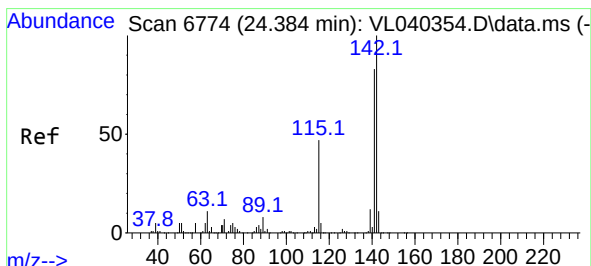
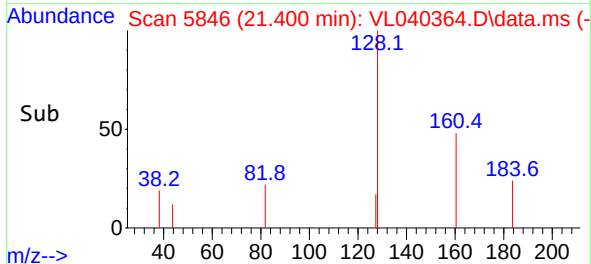
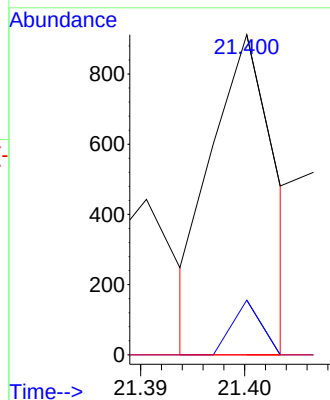
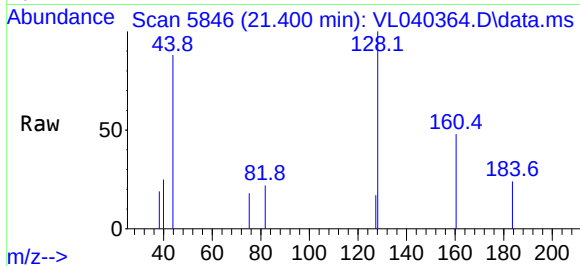




#79
Naphthalene
Concen: 0.002 ppbv
RT: 21.400 min Scan# 51
Delta R.T. 0.007 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

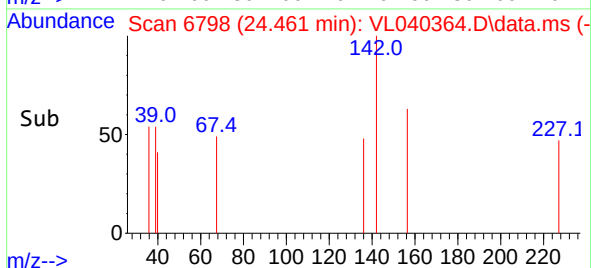
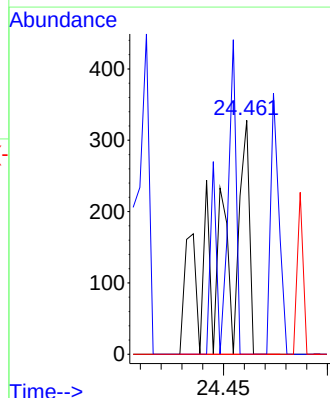
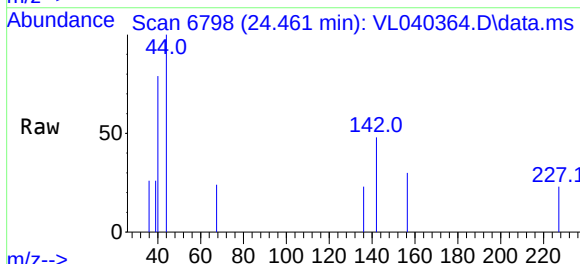
Instrument :
MSVOA_1
ClientSampleId :
VIBLK

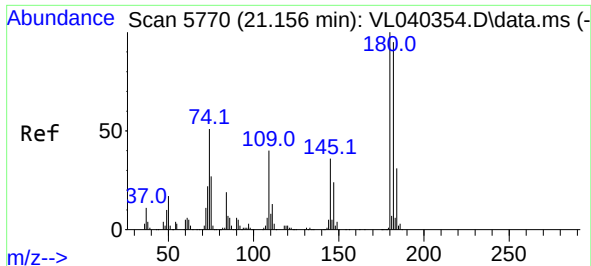
Tgt Ion:128 Resp: 385
Ion Ratio Lower Upper
128 100
127 23.5 10.0 15.0#
129 0.0 9.4 14.0#



#80
Naphthalene,2-methyl-
Concen: 0.005 ppbv
RT: 24.461 min Scan# 6798
Delta R.T. 0.077 min
Lab File: VL040364.D
Acq: 13 Apr 2023 17:53

Tgt Ion:142 Resp: 297
Ion Ratio Lower Upper
142 100
141 34.3 65.1 97.7#
115 14.8 36.5 54.7#





#81

1,2,4-Trichlorobenzene

Concen: 0.007 ppbv

RT: 21.162 min Scan# 51

Delta R.T. 0.007 min

Lab File: VL040364.D

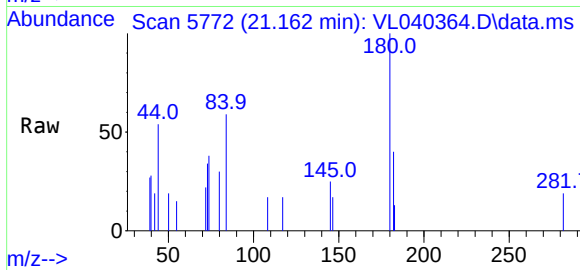
Acq: 13 Apr 2023 17:53

Instrument :

MSVOA_L

ClientSampleId :

VIBLK



Tgt Ion:180 Resp: 782

Ion Ratio Lower Upper

180 100

182 0.0 77.7 116.5#

184 0.0 24.2 36.2#

