

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102323\
 Data File : VL040784.D
 Acq On : 23 Oct 2023 18:36
 Operator : SY/MD
 Sample : 04699-15 0.45 MDL
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 24 16:11:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Oct 24 16:11:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	891575	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.639	114	2532477	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.449	117	2349462	10.000	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.754	95	1756930	10.163	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.735	85	80014	0.510	ppbv	91
3) Chlorodifluoromethane	2.684	51	65076	0.497	ppbv	99
4) Chloromethane	2.825	50	24534	0.474	ppbv #	87
5) Vinyl Chloride	2.925	62	24620	0.461	ppbv	98
6) Bromomethane	3.124	94	10117	0.457	ppbv	84
7) Chloroethane	3.202	64	8331	0.479	ppbv #	83
8) Dichlorotetrafluoroethane	2.867	85	62637	0.526	ppbv	96
9) Propene	2.700	41	22541	0.463	ppbv	86
10) Heptane	7.568	43	58383	0.478	ppbv	97
11) Trichlorofluoromethane	3.562	101	60409	0.499	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.066	101	41371	0.479	ppbv	100
13) Ethanol	3.266	45	5061	0.461	ppbv	69
14) Bromoethene	3.369	108	17839	0.482	ppbv #	88
15) Acetone	3.481	43	56159	0.609	ppbv	92
16) 1,3-Butadiene	2.989	39	20508	0.424	ppbv #	81
17) tert-Butyl alcohol	3.893	59	42080	0.445	ppbv	97
18) 1,1-Dichloroethene	3.880	96	19662	0.508	ppbv	92
19) Isopropyl Alcohol	3.594	45	30380	0.512	ppbv #	43
20) Methylene Chloride	3.931	84	22439	0.584	ppbv	92
21) Allyl Chloride	3.993	41	24791	0.408	ppbv #	71
22) trans-1,2-Dichloroethene	4.446	96	9258	0.225	ppbv	86
23) Vinyl Acetate	4.632	43	25512	0.217	ppbv #	82
24) 1,1-Dichloroethane	4.558	63	38222	0.431	ppbv	97
25) Ethyl Acetate	5.201	43	41720	0.207	ppbv #	60
26) Hexane	5.208	57	46605	0.505	ppbv	90
27) Carbon Disulfide	4.124	76	40793	0.401	ppbv #	79
28) Methyl tert-Butyl Ether	4.594	73	28555	0.398	ppbv	93
29) Chloroform	5.263	83	65489	0.490	ppbv	97
30) Cyclohexane	6.594	84	36647	0.467	ppbv	90
31) cis-1,2-Dichloroethene	5.073	61	39036	0.459	ppbv	90
32) 1,1,1-Trichloroethane	5.986	97	27966	0.197	ppbv #	1
35) Carbon Tetrachloride	6.484	117	62124	0.437	ppbv	93
36) Benzene	6.356	78	49362	0.253	ppbv	97
37) 1,2-Dichloroethane	5.796	62	48861	0.490	ppbv	98
38) Trichloroethene	7.275	130	20440	0.237	ppbv	93
39) 1,2-Dichloropropane	7.063	63	34260	0.450	ppbv #	84
41) Tetrahydrofuran	5.568	42	15949	0.201	ppbv #	28
42) Bromodichloromethane	7.230	83	67812	0.454	ppbv	88
43) Methyl Methacrylate	7.465	69	12034	0.154	ppbv #	1
44) 2,2,4-Trimethylpentane	7.314	57	157885	0.479	ppbv	99
45) t-1,3-Dichloropropene	8.700	75	9860	0.159	ppbv	92
46) cis-1,3-Dichloropropene	8.131	75	29681	0.391	ppbv #	94
47) 1,1,2-Trichloroethane	8.877	97	16489	0.206	ppbv #	90

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 Data File : VL040784.D
 Acq On : 23 Oct 2023 18:36
 Operator : SY/MD
 Sample : 04699-15 0.45 MDL
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

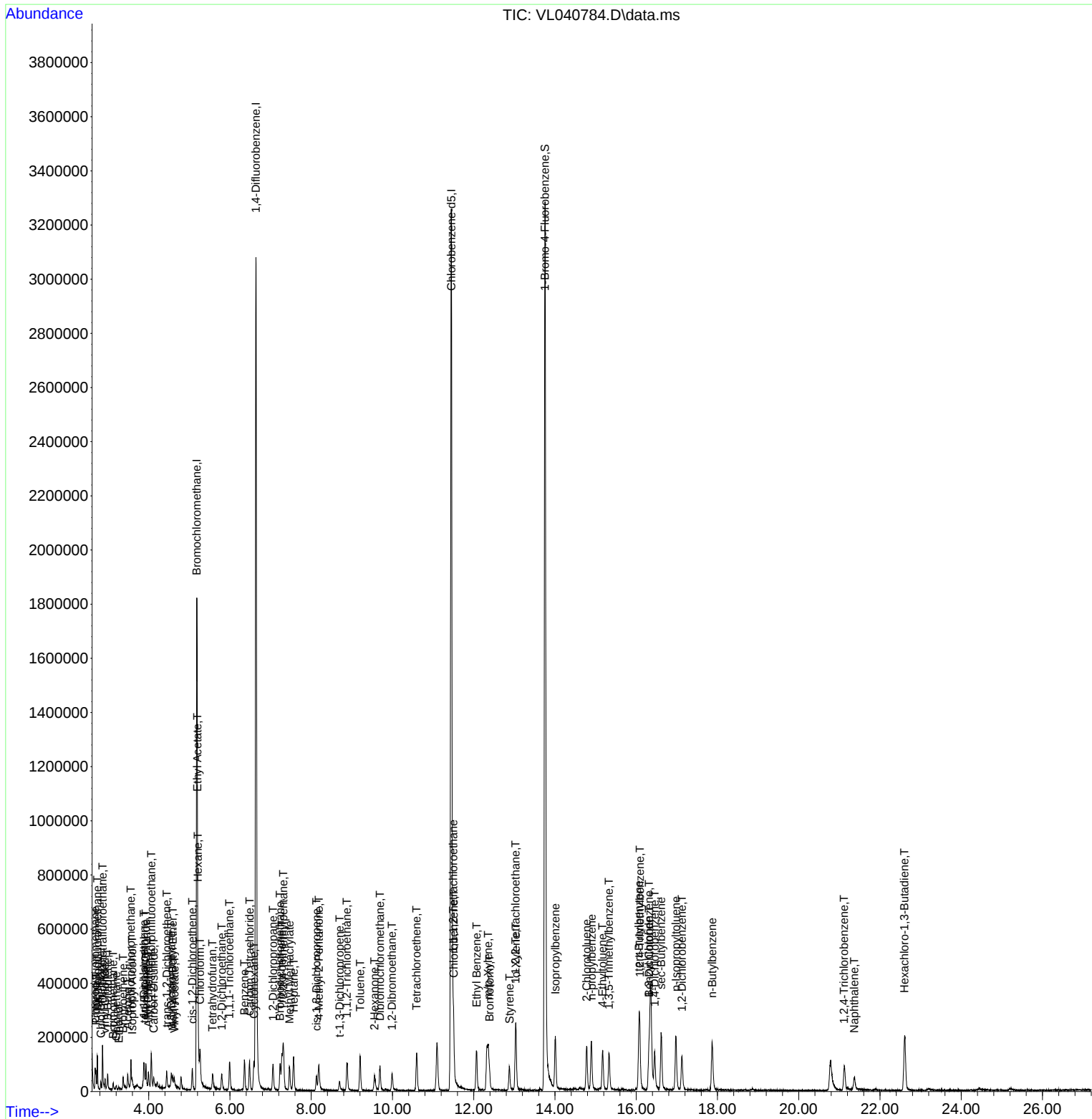
Instrument :
 MSVOA_L
 ClientSampleId :

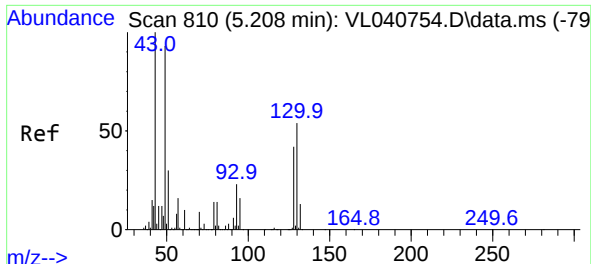
Quant Time: Oct 24 16:11:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Oct 24 16:11:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Dibromochloromethane	9.693	129	53675	0.401	ppbv	100
49) Bromoform	12.388	173	38167	0.350	ppbv	94
50) 4-Methyl-2-Pentanone	8.188	43	85907	0.438	ppbv	97
51) 2-Hexanone	9.558	43	41890	0.281	ppbv #	70
52) Tetrachloroethene	10.590	164	15775	0.199	ppbv	94
53) Toluene	9.205	91	103690	0.447	ppbv	99
54) 1,2-Dibromoethane	9.986	107	22609	0.202	ppbv	92
56) 1,1,1,2-Tetrachloroethane	11.494	131	18278	0.191	ppbv #	10
57) Chlorobenzene	11.510	112	37676	0.224	ppbv	97
58) Ethyl Benzene	12.069	91	143669	0.486	ppbv	95
59) m/p-Xylene	12.352	91	117681	0.483	ppbv #	28
60) o-Xylene	13.037	91	115966	0.500	ppbv	98
61) Styrene	12.883	104	54247	0.422	ppbv	98
62) Isopropylbenzene	14.015	105	178316	0.500	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.028	83	40061	0.230	ppbv #	24
64) n-propylbenzene	14.902	120	22618	0.236	ppbv #	1
65) tert-Butylbenzene	16.069	119	156409	0.486	ppbv	97
66) Benzyl Chloride	16.314	91	1433	0.044	ppbv #	30
67) sec-Butylbenzene	16.616	105	125080	0.284	ppbv #	57
69) p-Isopropyltoluene	16.976	119	169154	0.458	ppbv	96
70) n-Butylbenzene	17.870	91	165305	0.456	ppbv	98
71) 2-Chlorotoluene	14.780	91	130995	0.489	ppbv	98
72) 4-Ethyltoluene	15.169	105	61025	0.225	ppbv #	48
73) 1,3,5-Trimethylbenzene	15.330	105	105295	0.440	ppbv	87
74) 1,2,4-Trimethylbenzene	16.088	105	120994	0.463	ppbv	95
75) 1,3-Dichlorobenzene	16.314	146	68057	0.419	ppbv	88
76) 1,4-Dichlorobenzene	16.455	146	64974	0.404	ppbv	84
77) 1,2-Dichlorobenzene	17.124	146	42309	0.265	ppbv #	38
78) Hexachloro-1,3-Butadiene	22.603	225	33818	0.296	ppbv #	18
79) Naphthalene	21.368	128	37875	0.178	ppbv #	93
81) 1,2,4-Trichlorobenzene	21.114	180	15476	0.134	ppbv #	11

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

Quant Time: Oct 24 16:11:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Oct 24 16:11:15 2023
Response via : Initial Calibration

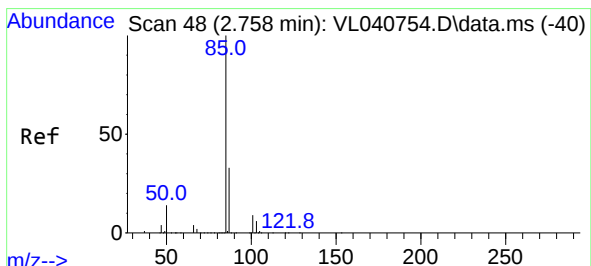
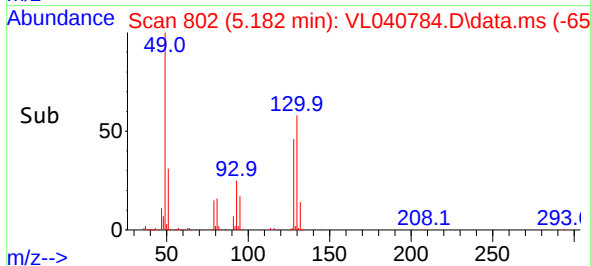
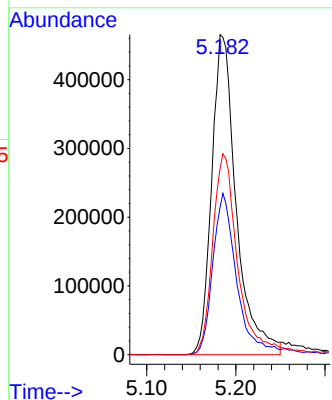
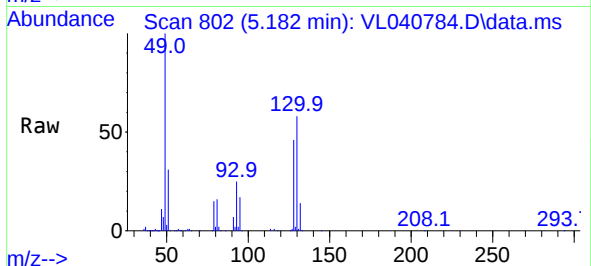




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.026 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

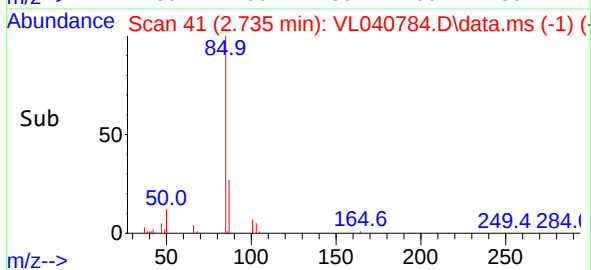
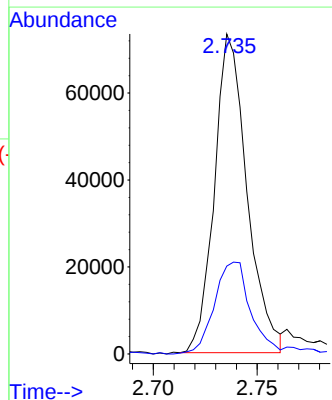
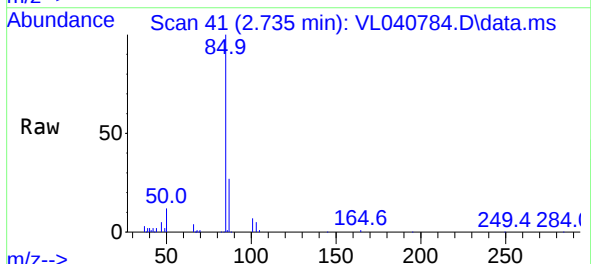
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 891575
Ion Ratio Lower Upper
49 100
128 50.3 23.9 71.7
130 65.9 30.7 92.1

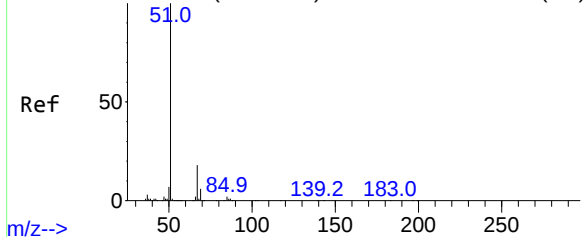


#2
Dichlorodifluoromethane
Concen: 0.510 ppbv
RT: 2.735 min Scan# 41
Delta R.T. -0.022 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

Tgt Ion: 85 Resp: 80014
Ion Ratio Lower Upper
85 100
87 27.3 26.0 39.0



Abundance Scan 31 (2.703 min): VL040754.D\data.ms (-19)

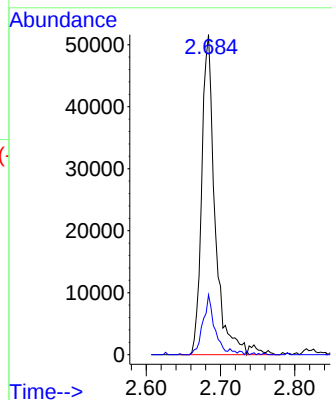
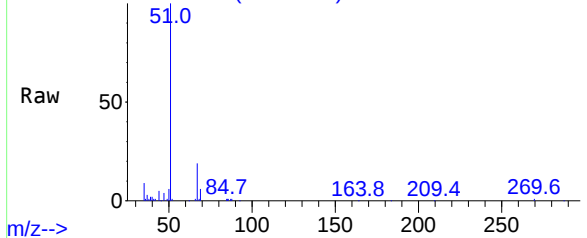


#3
Chlorodifluoromethane
Concen: 0.497 ppbv
RT: 2.684 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

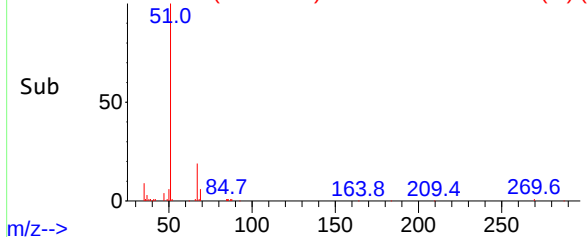
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 65076
Ion Ratio Lower Upper
51 100
67 17.0 13.8 20.6

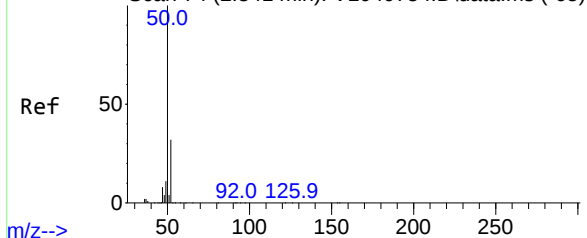
Abundance Scan 25 (2.684 min): VL040784.D\data.ms



Abundance Scan 25 (2.684 min): VL040784.D\data.ms (-1) (-)



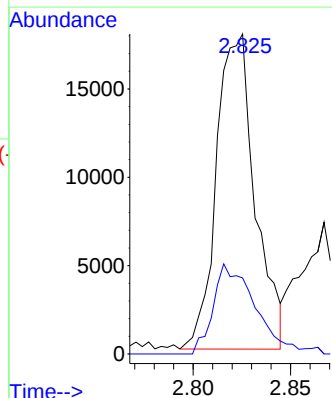
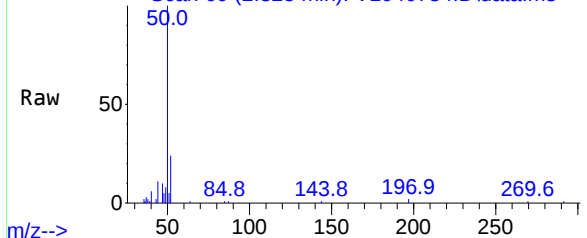
Abundance Scan 74 (2.841 min): VL040754.D\data.ms (-65)



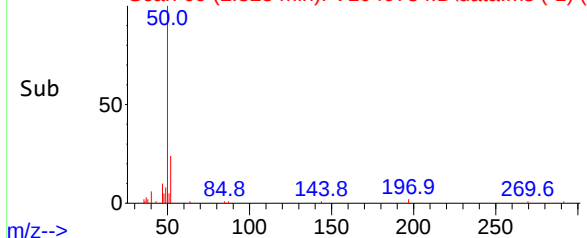
#4
Chloromethane
Concen: 0.474 ppbv
RT: 2.825 min Scan# 69
Delta R.T. -0.016 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

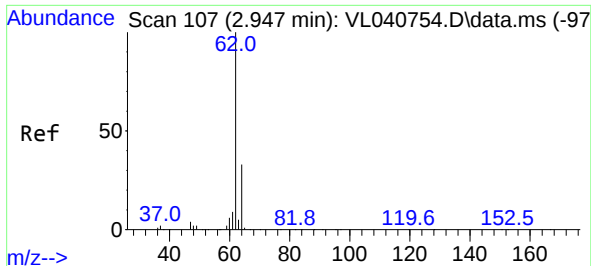
Tgt Ion: 50 Resp: 24534
Ion Ratio Lower Upper
50 100
52 24.1 25.3 37.9#

Abundance Scan 69 (2.825 min): VL040784.D\data.ms



Abundance Scan 69 (2.825 min): VL040784.D\data.ms (-1) (-)

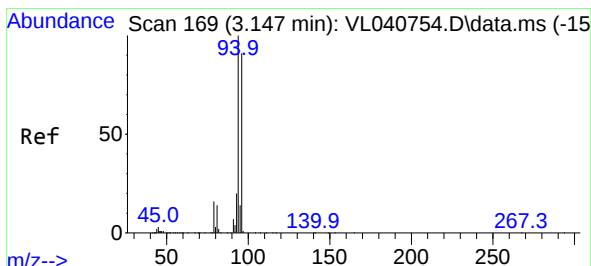
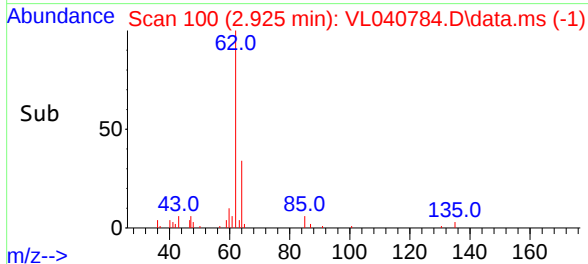
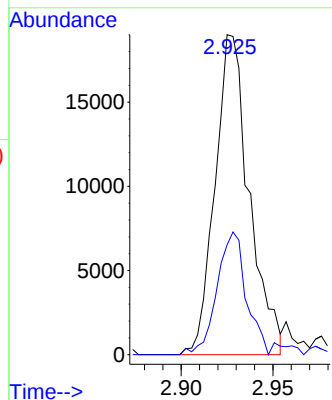
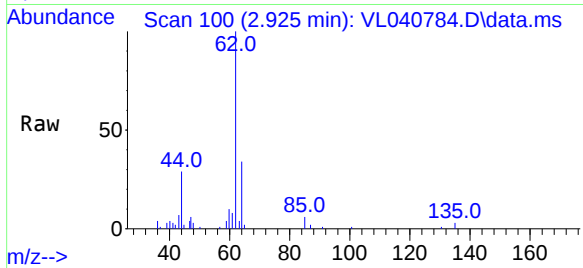




#5
 Vinyl Chloride
 Concen: 0.461 ppbv
 RT: 2.925 min Scan# 107
 Delta R.T. -0.022 min
 Lab File: VL040784.D
 Acq: 23 Oct 2023 18:36

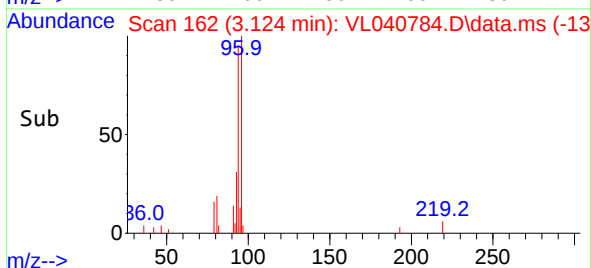
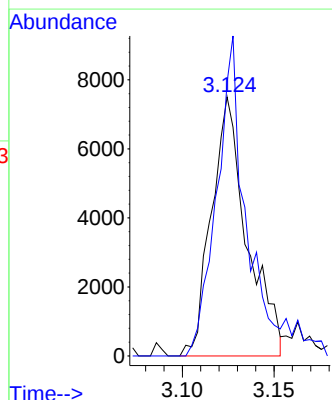
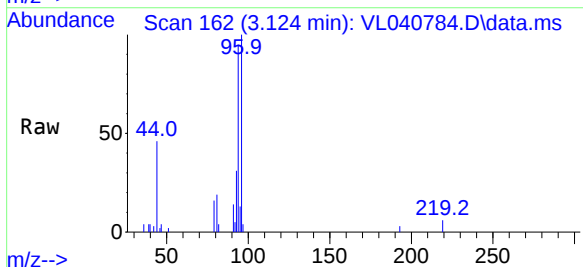
Instrument :
 MSVOA_L
 ClientSampleId :

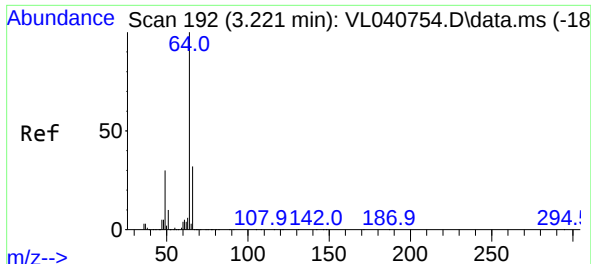
Tgt Ion: 62 Resp: 24620
 Ion Ratio Lower Upper
 62 100
 64 34.3 26.6 39.8



#6
 Bromomethane
 Concen: 0.457 ppbv
 RT: 3.124 min Scan# 162
 Delta R.T. -0.022 min
 Lab File: VL040784.D
 Acq: 23 Oct 2023 18:36

Tgt Ion: 94 Resp: 10117
 Ion Ratio Lower Upper
 94 100
 96 105.6 72.6 109.0

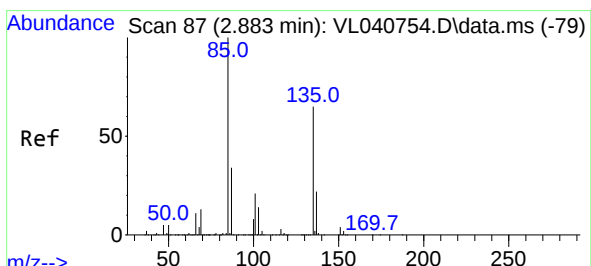
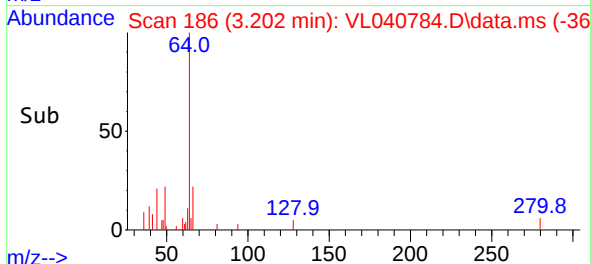
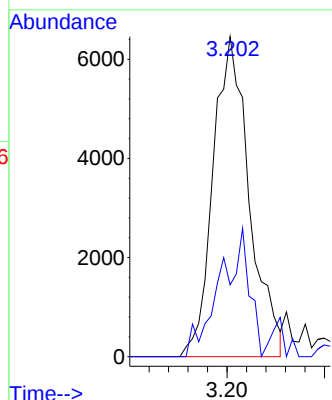
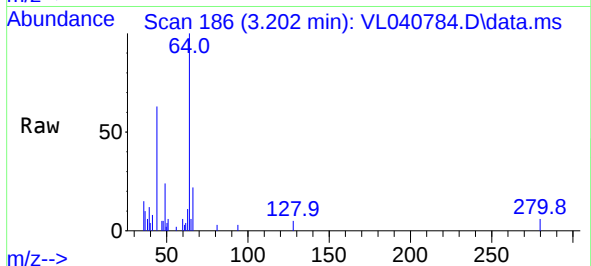




#7
Chloroethane
Concen: 0.479 ppbv
RT: 3.202 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

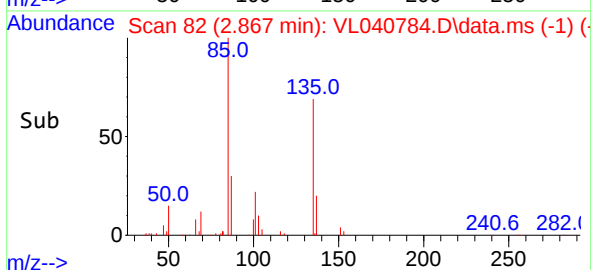
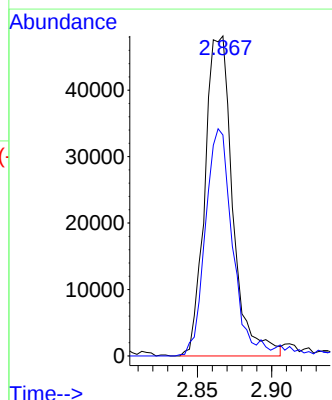
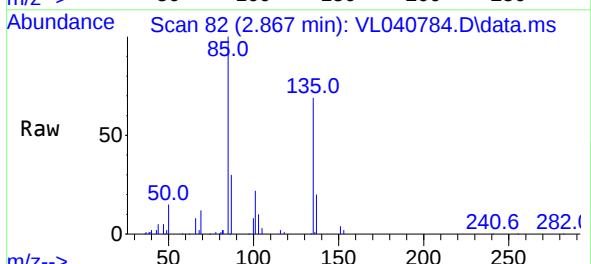
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 8331
Ion Ratio Lower Upper
64 100
66 22.4 25.4 38.2#

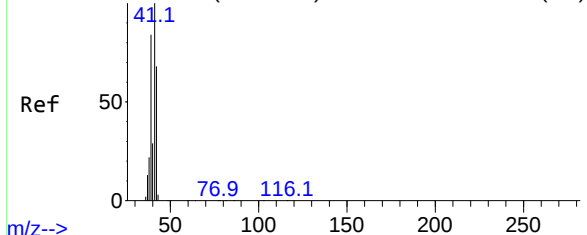


#8
Dichlorotetrafluoroethane
Concen: 0.526 ppbv
RT: 2.867 min Scan# 82
Delta R.T. -0.016 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

Tgt Ion: 85 Resp: 62637
Ion Ratio Lower Upper
85 100
135 72.7 55.4 83.2



Abundance Scan 37 (2.722 min): VL040754.D\data.ms (-27)



#9

Propene

Concen: 0.463 ppbv

RT: 2.700 min Scan# 30

Delta R.T. -0.022 min

Lab File: VL040784.D

Acq: 23 Oct 2023 18:36

Instrument :

MSVOA_L

ClientSampleId :

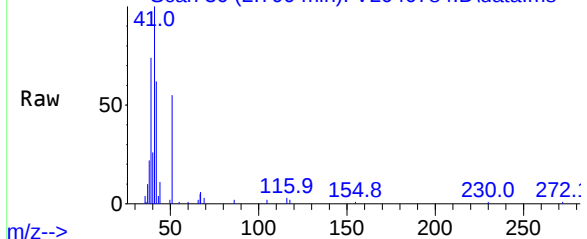
Tgt Ion: 41 Resp: 22541

Ion Ratio Lower Upper

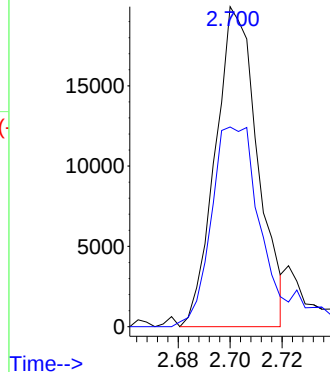
41 100

42 83.2 57.1 85.7

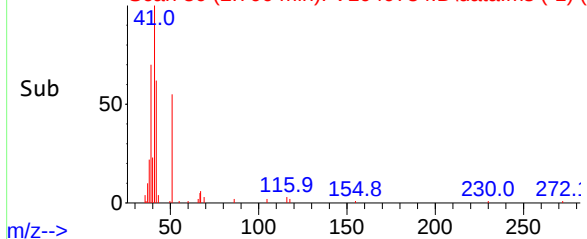
Abundance Scan 30 (2.700 min): VL040784.D\data.ms



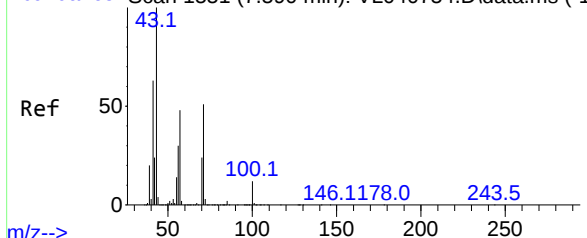
Abundance



Abundance Scan 30 (2.700 min): VL040784.D\data.ms (-1)



Abundance Scan 1551 (7.590 min): VL040754.D\data.ms (-1)



#10

Heptane

Concen: 0.478 ppbv

RT: 7.568 min Scan# 1544

Delta R.T. -0.022 min

Lab File: VL040784.D

Acq: 23 Oct 2023 18:36

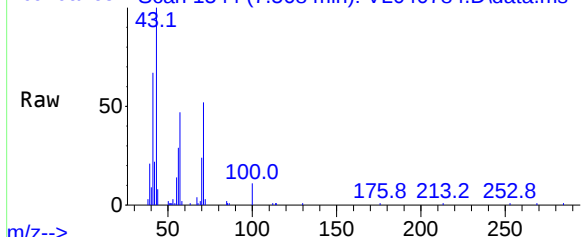
Tgt Ion: 43 Resp: 58383

Ion Ratio Lower Upper

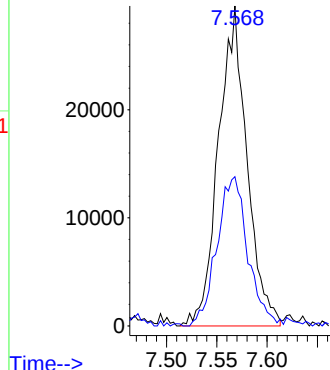
43 100

57 52.1 40.0 60.0

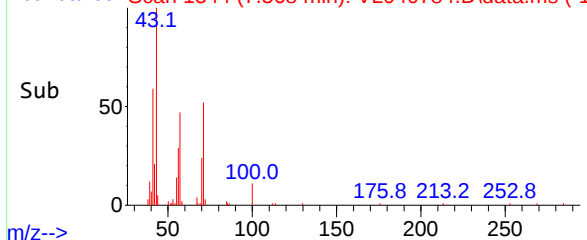
Abundance Scan 1544 (7.568 min): VL040784.D\data.ms

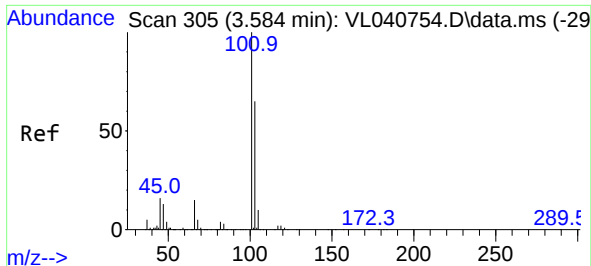


Abundance



Abundance Scan 1544 (7.568 min): VL040784.D\data.ms (-1)

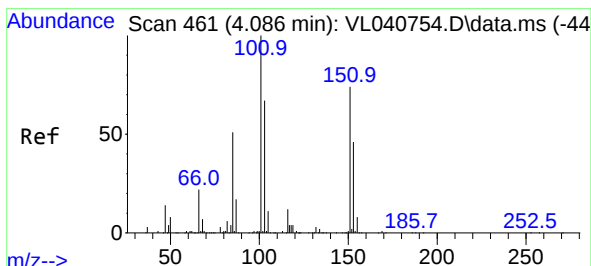
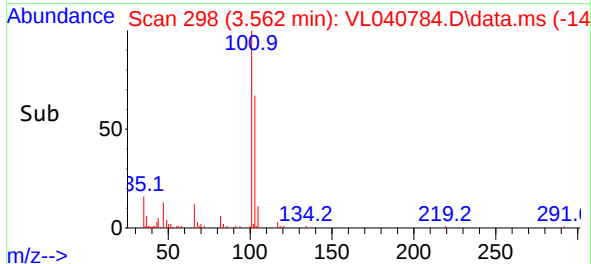
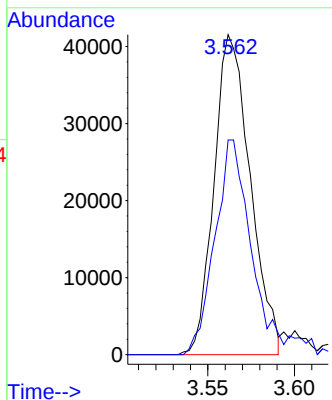
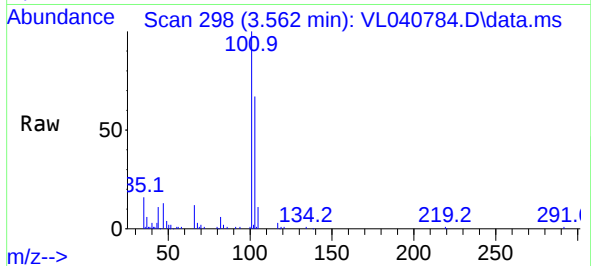




#11
 Trichlorofluoromethane
 Concen: 0.499 ppbv
 RT: 3.562 min Scan# 24
 Delta R.T. -0.022 min
 Lab File: VL040784.D
 Acq: 23 Oct 2023 18:36

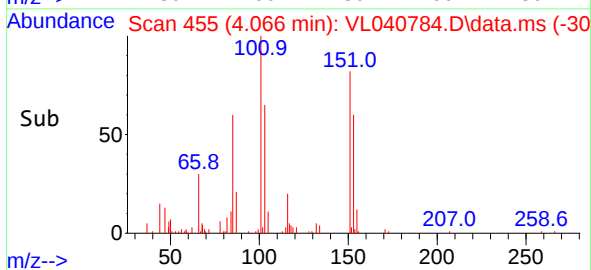
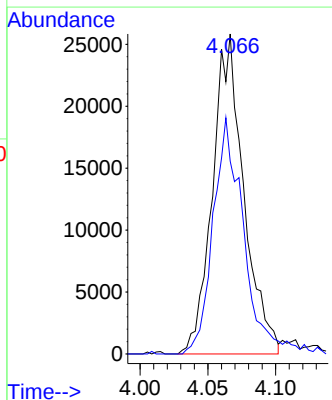
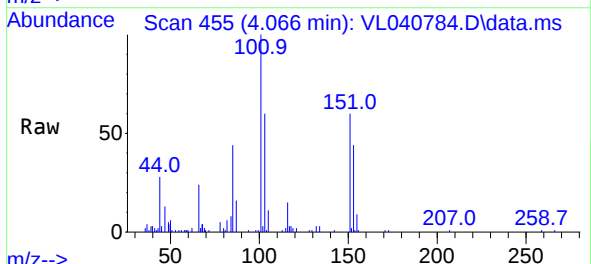
Instrument :
 MSVOA_L
 ClientSampleId :

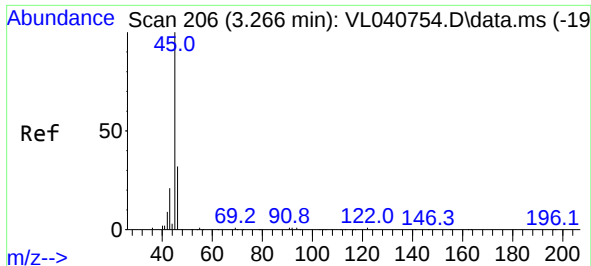
Tgt Ion:101 Resp: 60409
 Ion Ratio Lower Upper
 101 100
 103 67.1 52.2 78.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.479 ppbv
 RT: 4.066 min Scan# 455
 Delta R.T. -0.019 min
 Lab File: VL040784.D
 Acq: 23 Oct 2023 18:36

Tgt Ion:101 Resp: 41371
 Ion Ratio Lower Upper
 101 100
 151 72.9 58.1 87.1





#13

Ethanol

Concen: 0.461 ppbv

RT: 3.266 min Scan# 206

Delta R.T. 0.000 min

Lab File: VL040784.D

Acq: 23 Oct 2023 18:36

Instrument :

MSVOA_L

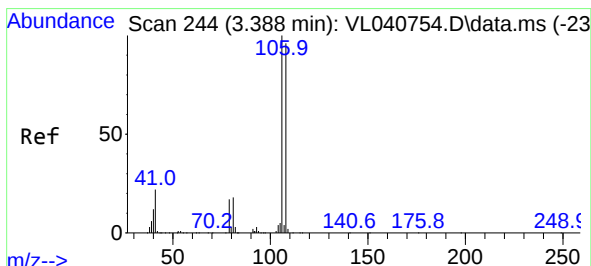
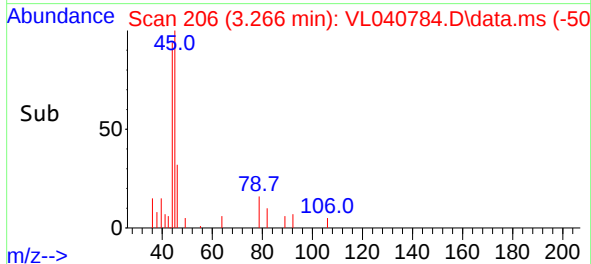
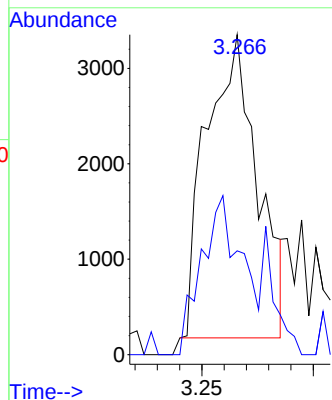
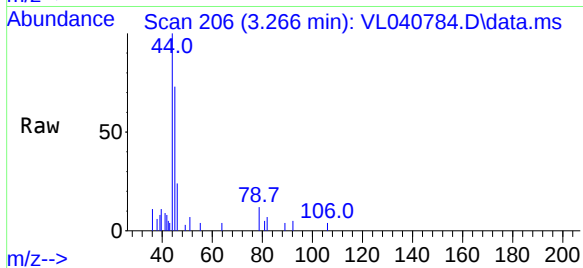
ClientSampleId :

Tgt Ion: 45 Resp: 5061

Ion Ratio Lower Upper

45 100

46 54.7 14.6 58.2



#14

Bromoethene

Concen: 0.482 ppbv

RT: 3.369 min Scan# 238

Delta R.T. -0.019 min

Lab File: VL040784.D

Acq: 23 Oct 2023 18:36

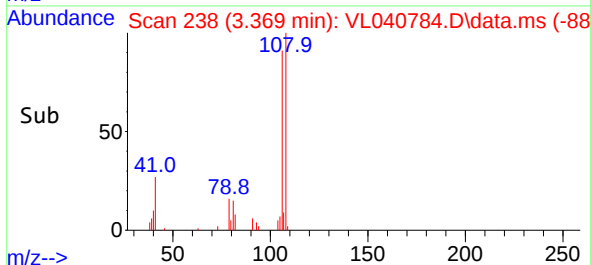
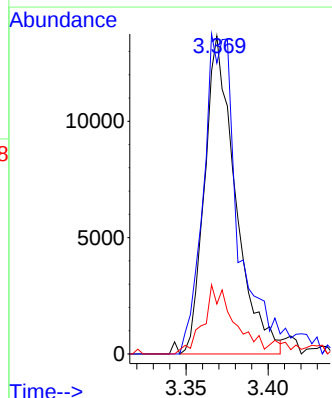
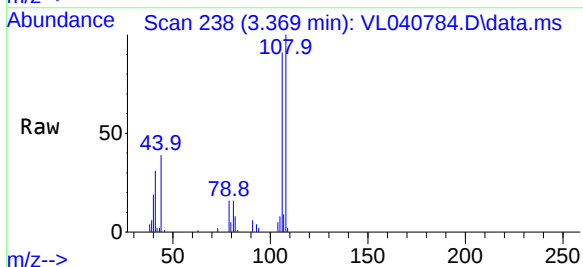
Tgt Ion: 108 Resp: 17839

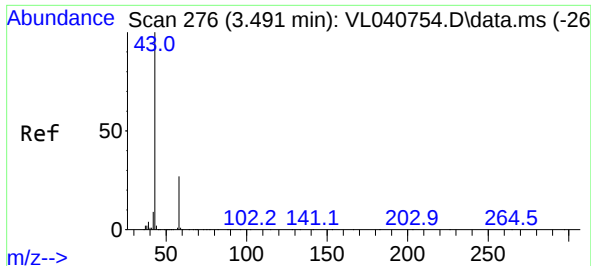
Ion Ratio Lower Upper

108 100

106 119.4 85.2 127.8

79 24.8 15.7 23.5

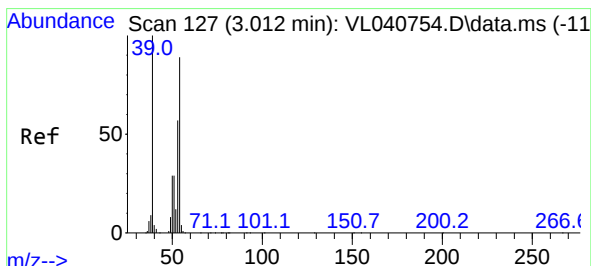
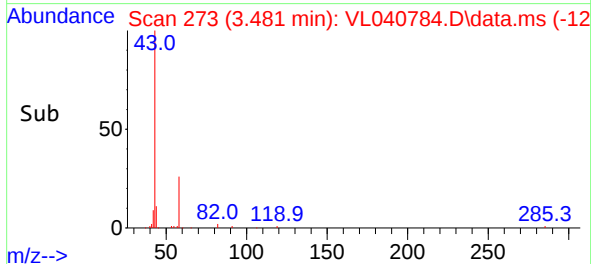
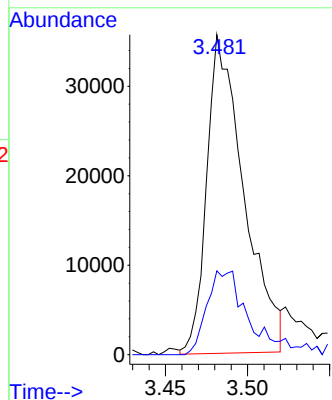
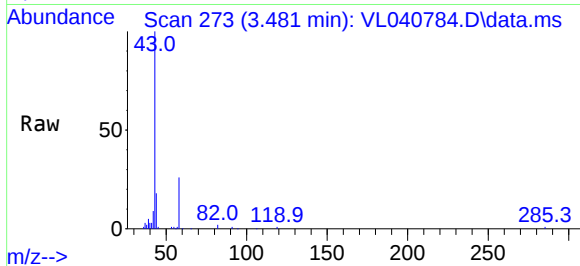




#15
Acetone
Concen: 0.609 ppbv
RT: 3.481 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

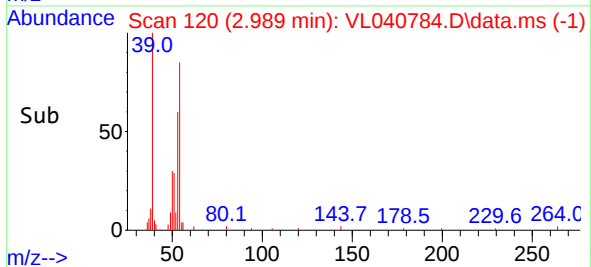
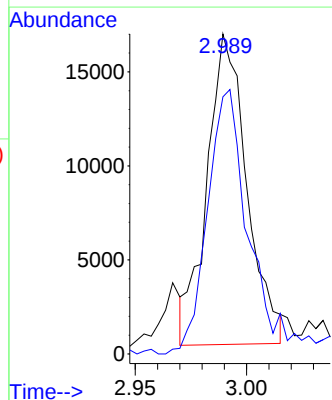
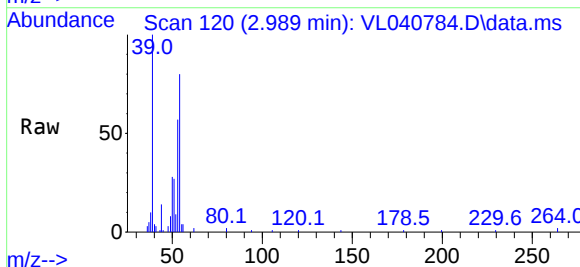
Instrument :
MSVOA_L
ClientSampleId :

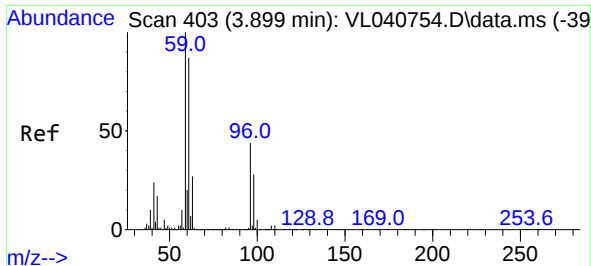
Tgt Ion: 43 Resp: 56159
Ion Ratio Lower Upper
43 100
58 31.3 21.6 32.4



#16
1,3-Butadiene
Concen: 0.424 ppbv
RT: 2.989 min Scan# 120
Delta R.T. -0.022 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

Tgt Ion: 39 Resp: 20508
Ion Ratio Lower Upper
39 100
54 95.6 63.0 94.6#

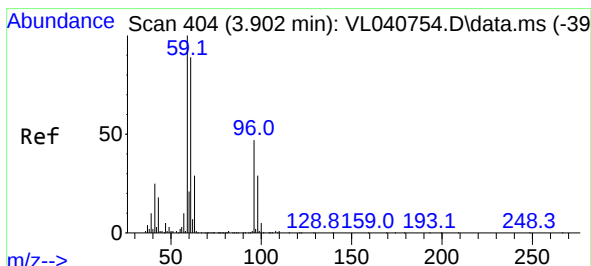
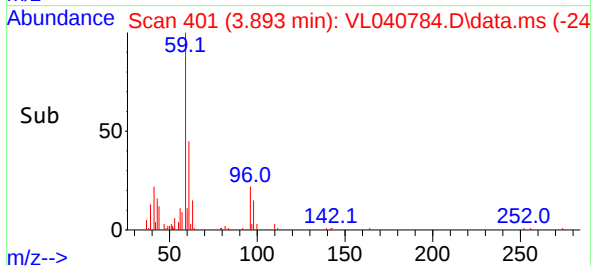
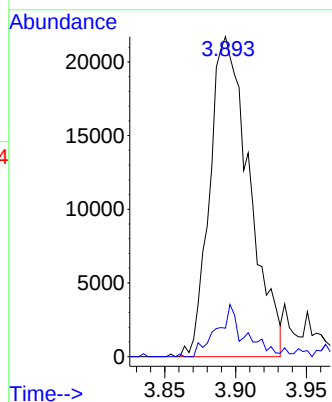
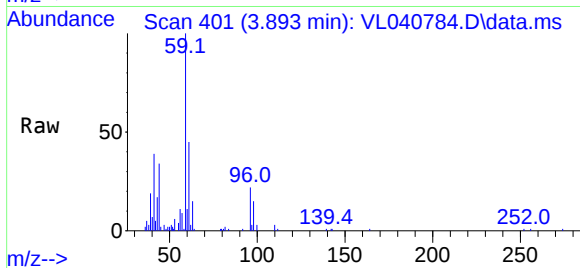




#17
tert-Butyl alcohol
Concen: 0.445 ppbv
RT: 3.893 min Scan# 401
Delta R.T. -0.006 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

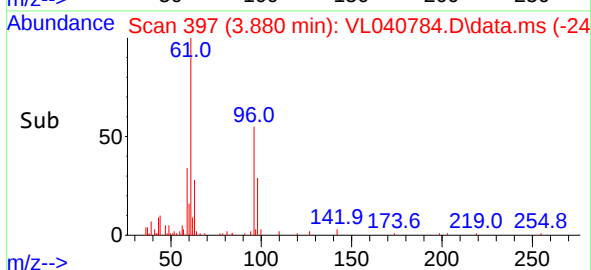
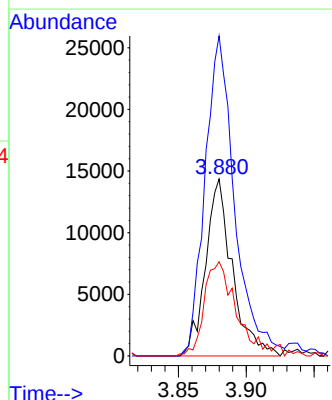
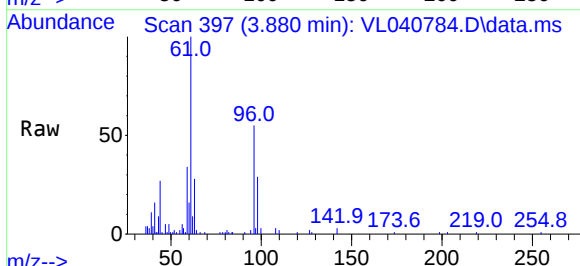
Instrument :
MSVOA_L
ClientSampleId :

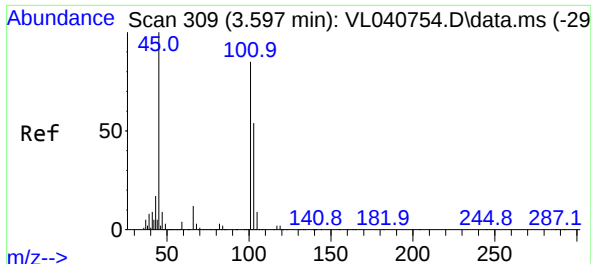
Tgt Ion: 59 Resp: 42080
Ion Ratio Lower Upper
59 100
57 12.0 8.6 13.0



#18
1,1-Dichloroethene
Concen: 0.508 ppbv
RT: 3.880 min Scan# 397
Delta R.T. -0.022 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

Tgt Ion: 96 Resp: 19662
Ion Ratio Lower Upper
96 100
61 180.9 152.5 228.7
98 52.1 49.6 74.4





#19

Isopropyl Alcohol

Concen: 0.512 ppbv

RT: 3.594 min Scan# 309

Delta R.T. -0.003 min

Lab File: VL040784.D

Acq: 23 Oct 2023 18:36

Instrument :

MSVOA_L

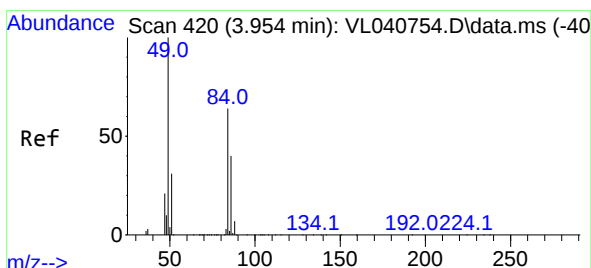
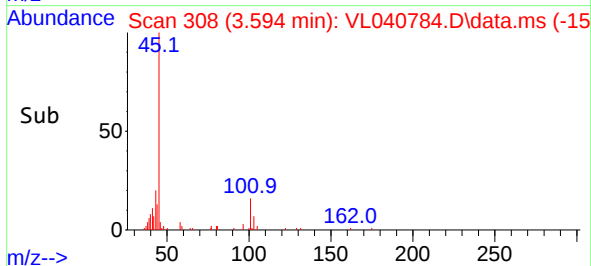
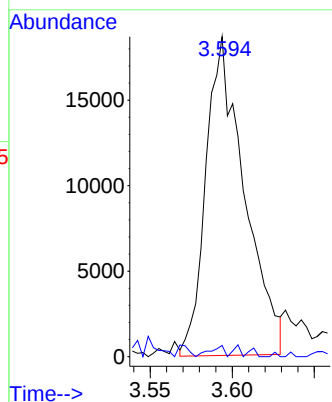
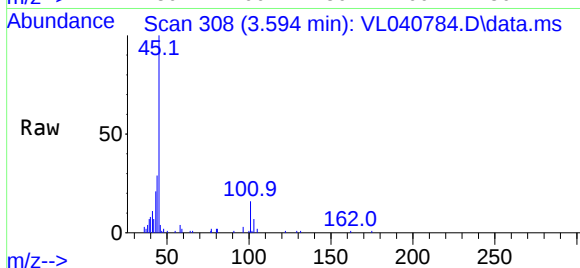
ClientSampleId :

Tgt Ion: 45 Resp: 30380

Ion Ratio Lower Upper

45 100

58 3.6 30.3 45.5#



#20

Methylene Chloride

Concen: 0.584 ppbv

RT: 3.931 min Scan# 413

Delta R.T. -0.022 min

Lab File: VL040784.D

Acq: 23 Oct 2023 18:36

Tgt Ion: 84 Resp: 22439

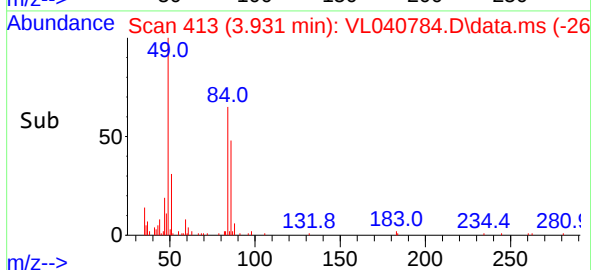
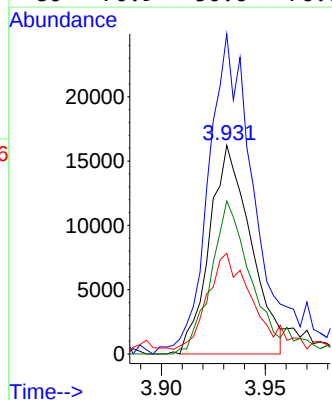
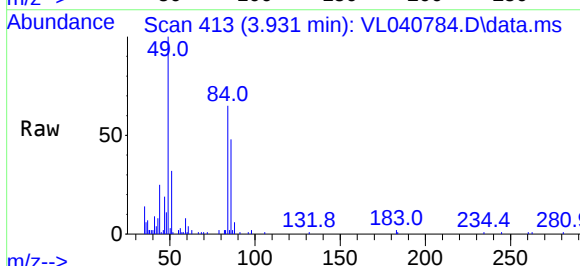
Ion Ratio Lower Upper

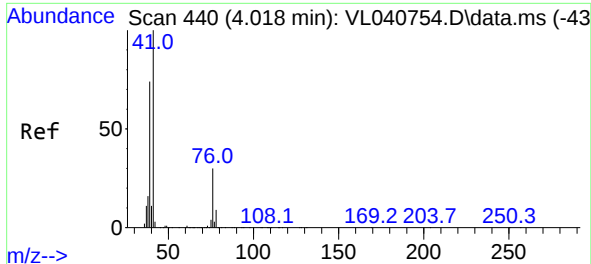
84 100

49 146.2 125.6 188.4

51 44.7 38.9 58.3

86 70.9 50.6 76.0





#21

Allyl Chloride

Concen: 0.408 ppbv

RT: 3.993 min Scan# 41

Delta R.T. -0.026 min

Lab File: VL040784.D

Acq: 23 Oct 2023 18:36

Instrument :

MSVOA_L

ClientSampleId :

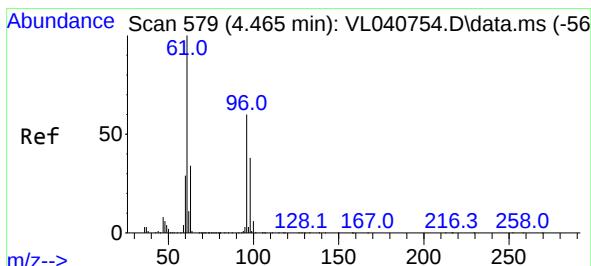
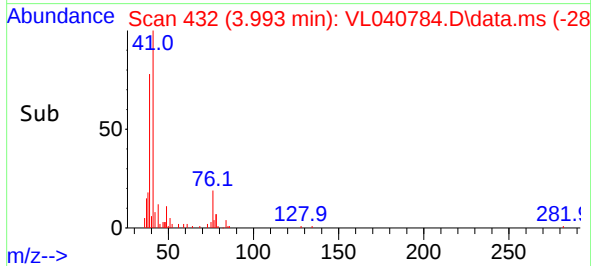
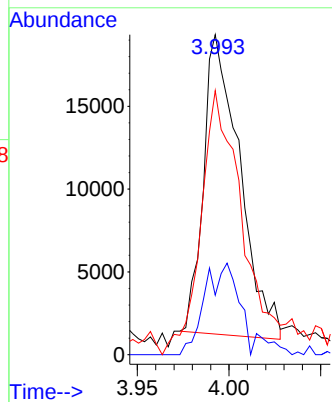
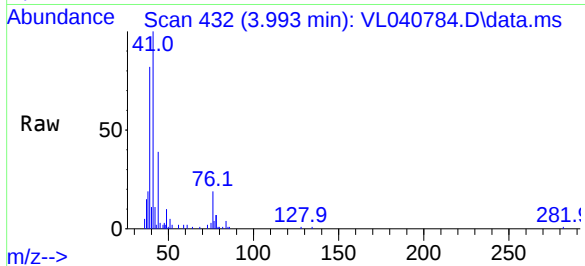
Tgt Ion: 41 Resp: 24791

Ion Ratio Lower Upper

41 100

76 32.2 24.1 36.1

39 113.7 63.8 95.6#



#22

trans-1,2-Dichloroethene

Concen: 0.225 ppbv

RT: 4.446 min Scan# 573

Delta R.T. -0.019 min

Lab File: VL040784.D

Acq: 23 Oct 2023 18:36

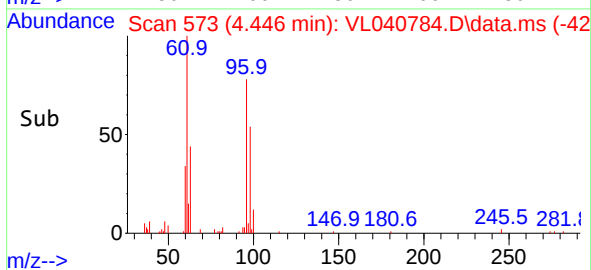
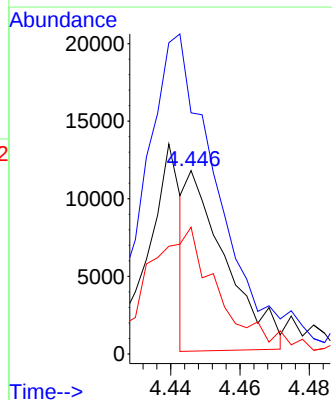
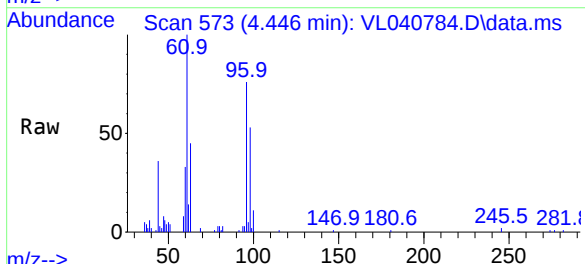
Tgt Ion: 96 Resp: 9258

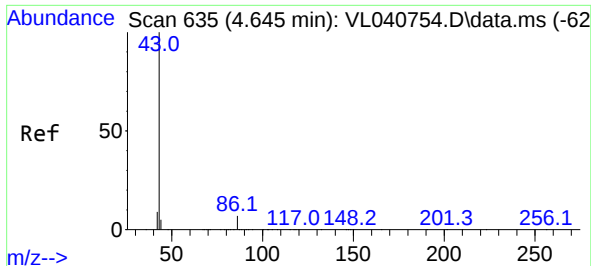
Ion Ratio Lower Upper

96 100

61 142.6 134.0 201.0

98 63.0 51.0 76.4



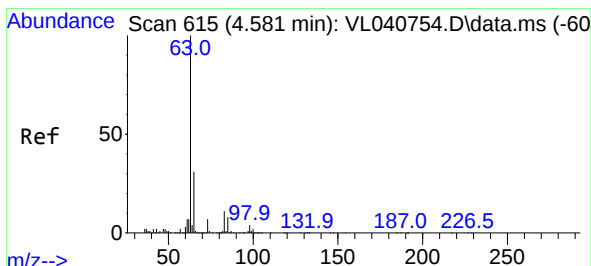
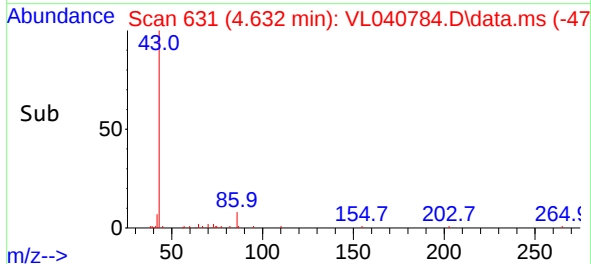
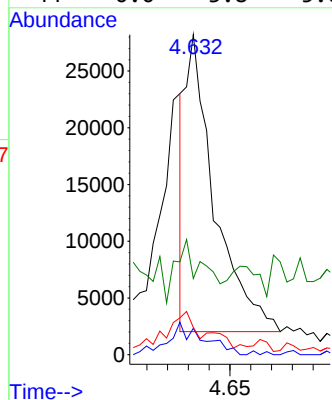
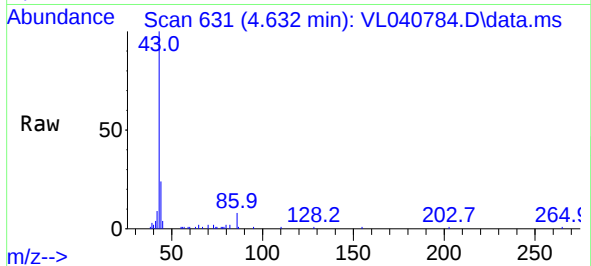


#23
Vinyl Acetate
Concen: 0.217 ppbv
RT: 4.632 min Scan# 61
Delta R.T. -0.013 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 25512

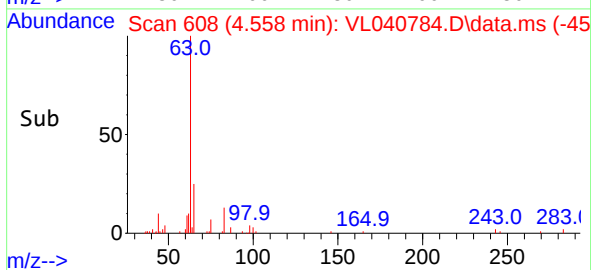
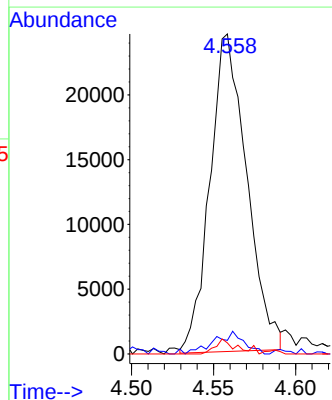
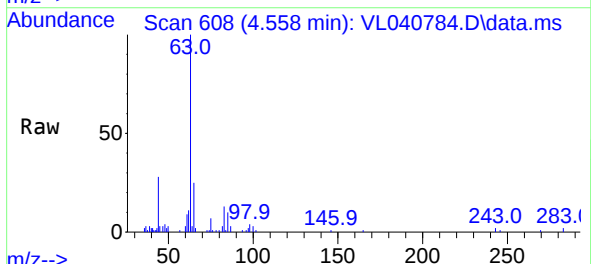
Ion	Ratio	Lower	Upper
43	100		
86	8.9	4.9	7.3#
42	0.0	7.8	11.6#
44	0.0	3.8	5.6#

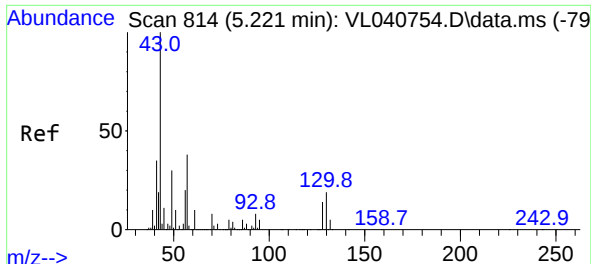


#24
1,1-Dichloroethane
Concen: 0.431 ppbv
RT: 4.558 min Scan# 608
Delta R.T. -0.022 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

Tgt Ion: 63 Resp: 38222

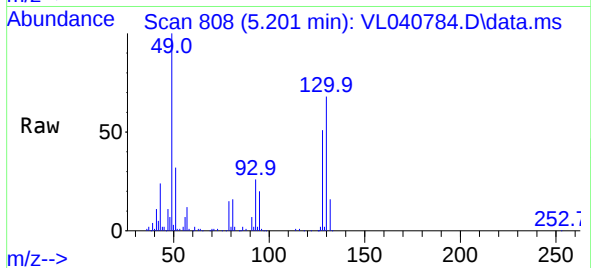
Ion	Ratio	Lower	Upper
63	100		
98	2.9	2.0	5.8
100	3.5	1.3	3.8



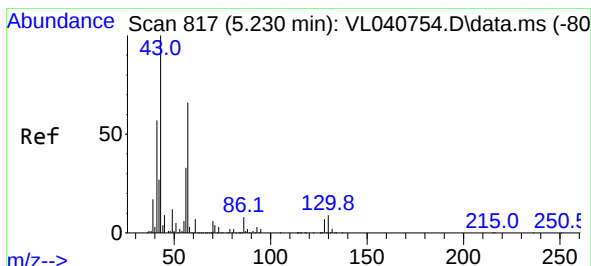
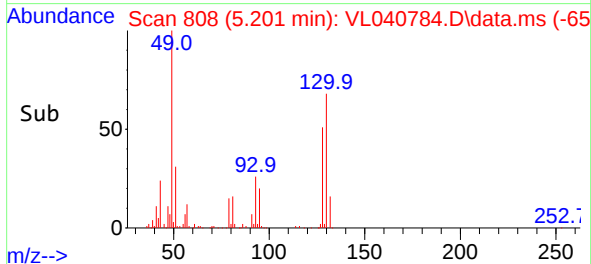
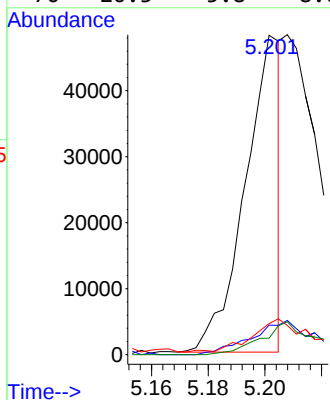


#25
Ethyl Acetate
Concen: 0.207 ppbv
RT: 5.201 min Scan# 80
Delta R.T. -0.019 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

Instrument :
MSVOA_L
ClientSampleId :

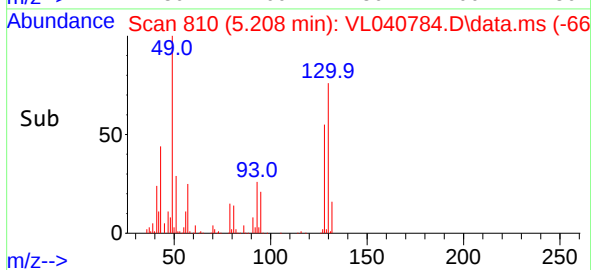
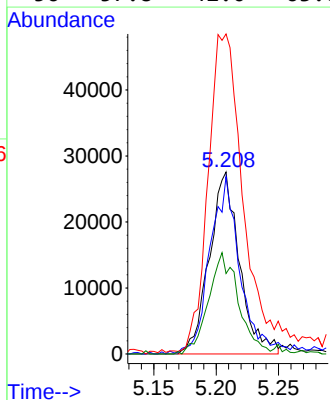
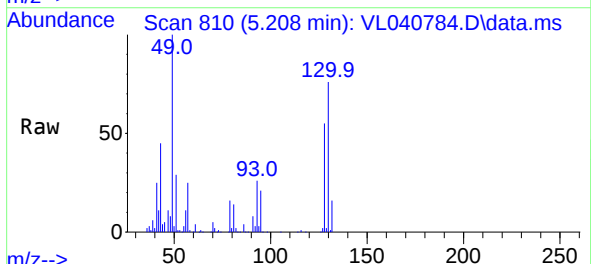


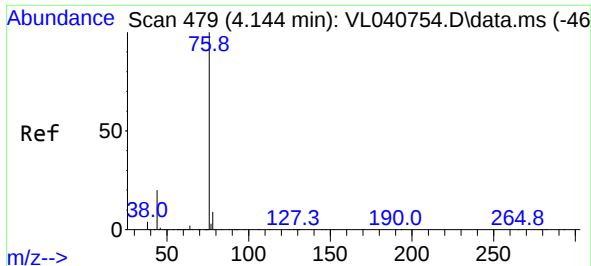
Tgt Ion: 43 Resp: 41720
Ion Ratio Lower Upper
43 100
45 24.5 8.2 12.4#
61 26.2 8.2 12.2#
70 20.3 5.8 8.6#



#26
Hexane
Concen: 0.505 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.022 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

Tgt Ion: 57 Resp: 46605
Ion Ratio Lower Upper
57 100
41 101.8 71.4 107.2
43 213.8 182.3 273.5
56 57.8 42.0 63.0

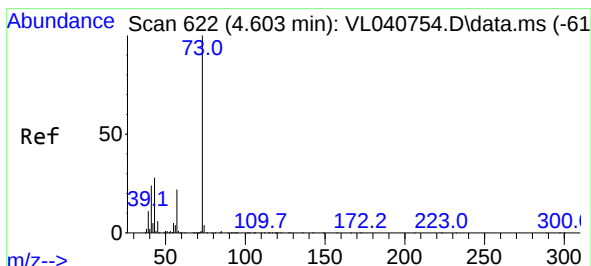
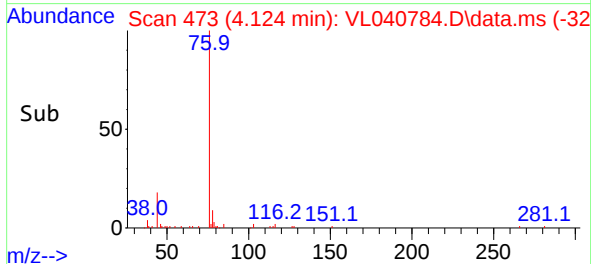
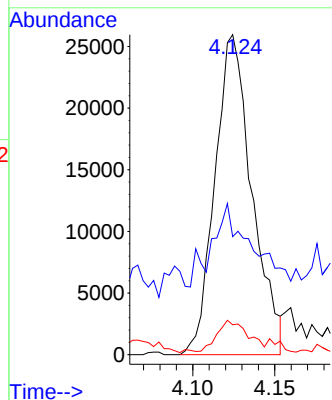
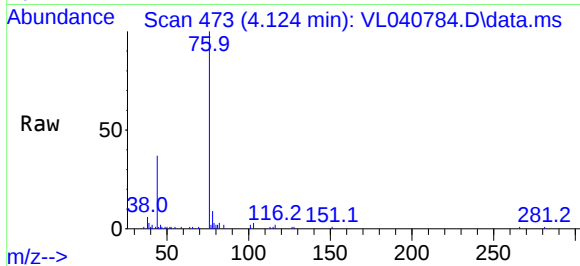




#27
Carbon Disulfide
Concen: 0.401 ppbv
RT: 4.124 min Scan# 41
Delta R.T. -0.019 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

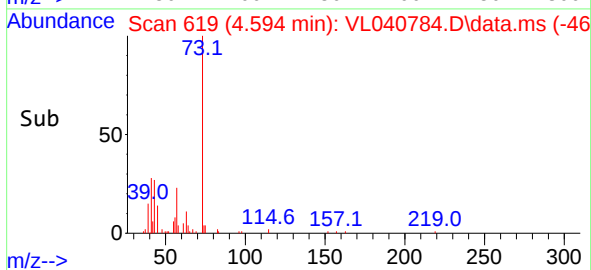
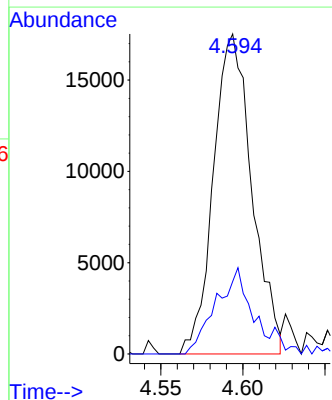
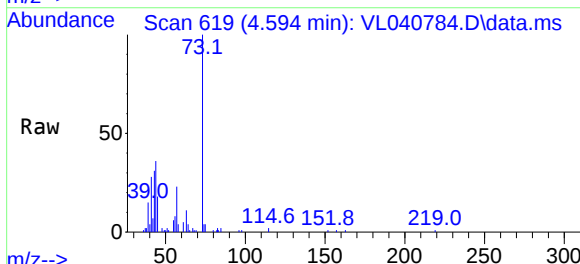
Instrument :
MSVOA_L
ClientSampleId :

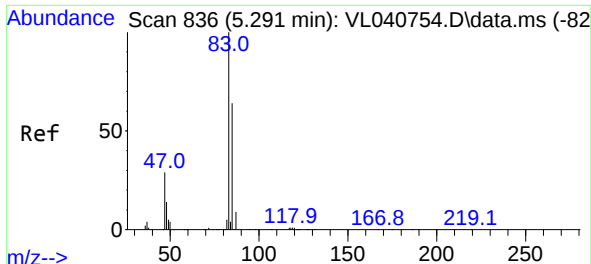
Tgt Ion: 76 Resp: 40793
Ion Ratio Lower Upper
76 100
44 33.7 16.6 25.0#
78 12.2 7.8 11.6#



#28
Methyl tert-Butyl Ether
Concen: 0.398 ppbv
RT: 4.594 min Scan# 619
Delta R.T. -0.010 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

Tgt Ion: 73 Resp: 28555
Ion Ratio Lower Upper
73 100
57 27.1 18.9 28.3





#29

Chloroform

Concen: 0.490 ppbv

RT: 5.263 min Scan# 81

Delta R.T. -0.029 min

Lab File: VL040784.D

Acq: 23 Oct 2023 18:36

Instrument :

MSVOA_L

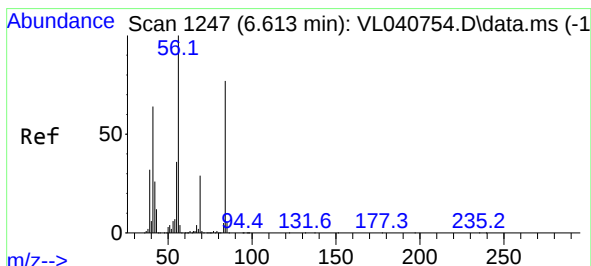
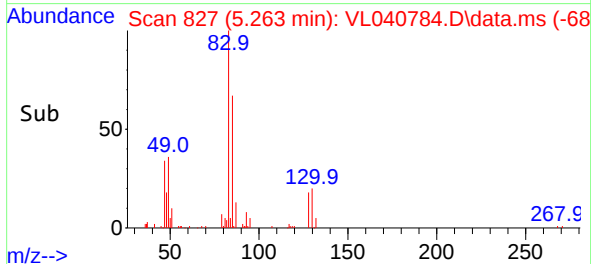
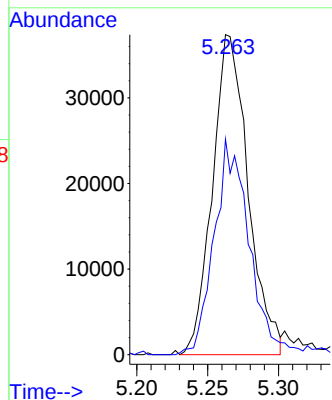
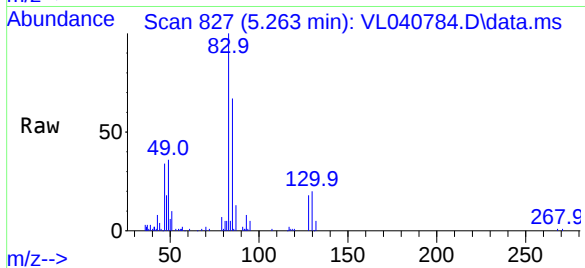
ClientSampleId :

Tgt Ion: 83 Resp: 65489

Ion Ratio Lower Upper

83 100

85 66.8 51.3 76.9



#30

Cyclohexane

Concen: 0.467 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. -0.019 min

Lab File: VL040784.D

Acq: 23 Oct 2023 18:36

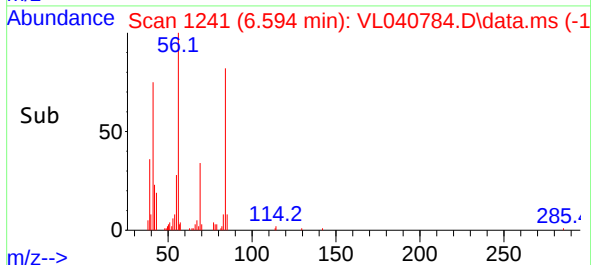
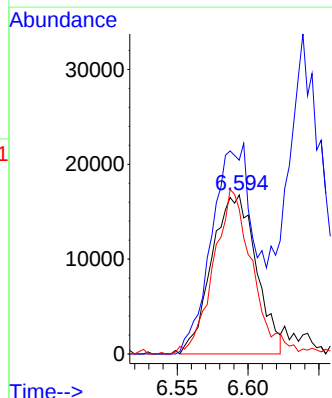
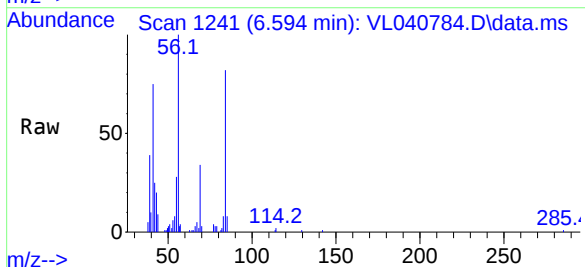
Tgt Ion: 84 Resp: 36647

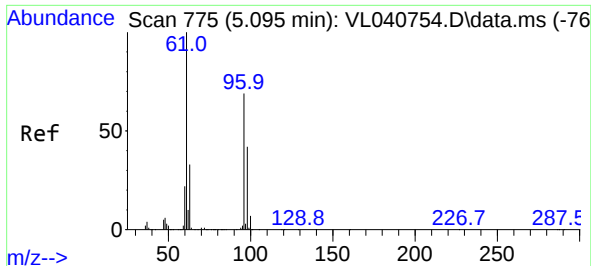
Ion Ratio Lower Upper

84 100

56 125.0 110.3 165.5

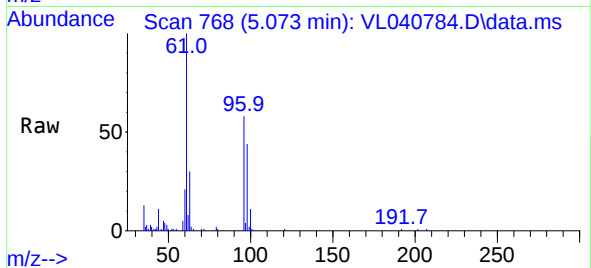
41 92.2 67.4 101.2



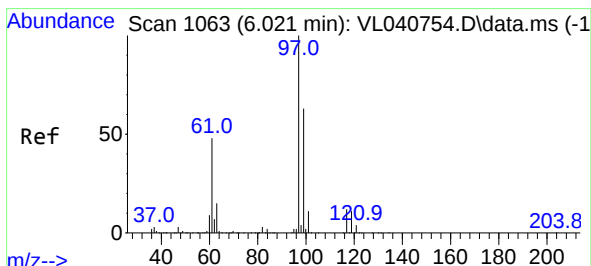
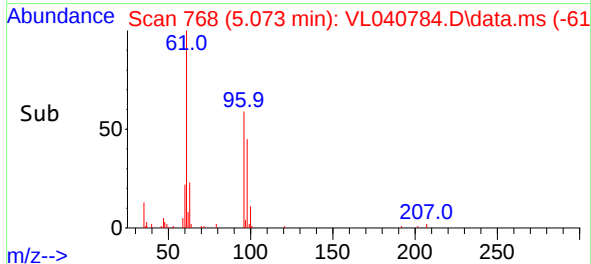
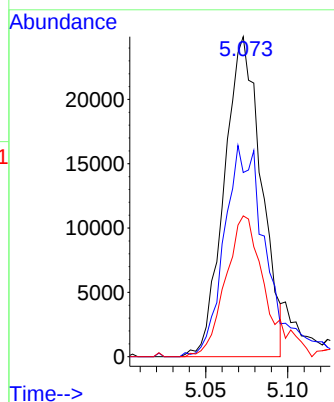


#31
 cis-1,2-Dichloroethene
 Concen: 0.459 ppbv
 RT: 5.073 min Scan# 71
 Delta R.T. -0.022 min
 Lab File: VL040784.D
 Acq: 23 Oct 2023 18:36

Instrument :
 MSVOA_L
 ClientSampleId :

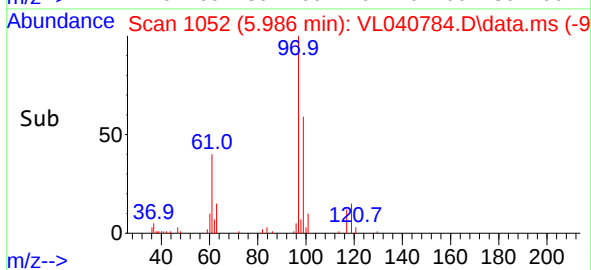
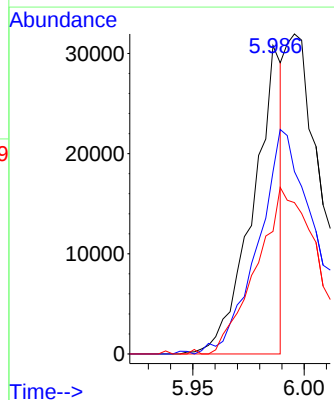
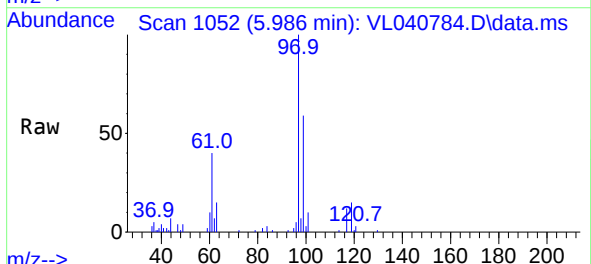


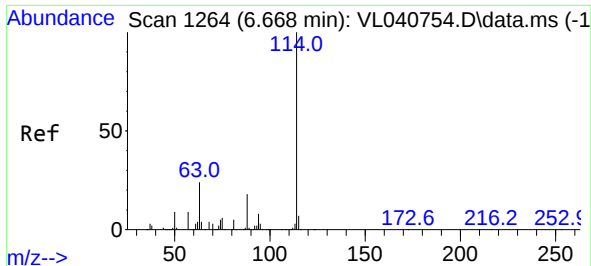
Tgt Ion: 61 Resp: 39036
 Ion Ratio Lower Upper
 61 100
 96 57.6 55.1 82.7
 98 44.0 33.5 50.3



#32
 1,1,1-Trichloroethane
 Concen: 0.197 ppbv
 RT: 5.986 min Scan# 1052
 Delta R.T. -0.035 min
 Lab File: VL040784.D
 Acq: 23 Oct 2023 18:36

Tgt Ion: 97 Resp: 27966
 Ion Ratio Lower Upper
 97 100
 99 150.2 51.8 77.6#
 61 118.3 38.6 58.0#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 11

Delta R.T. -0.029 min

Lab File: VL040784.D

Acq: 23 Oct 2023 18:36

Instrument :

MSVOA_L

ClientSampleId :

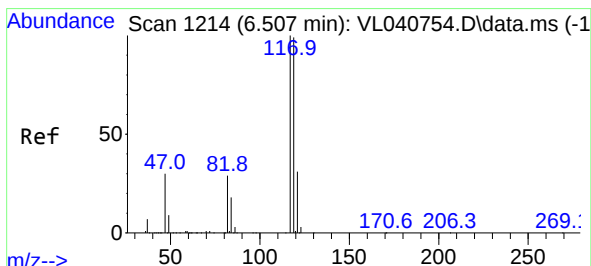
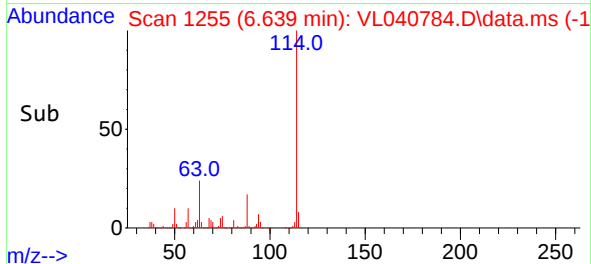
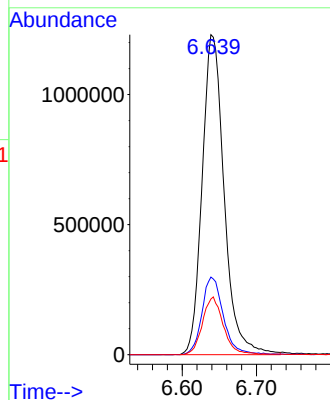
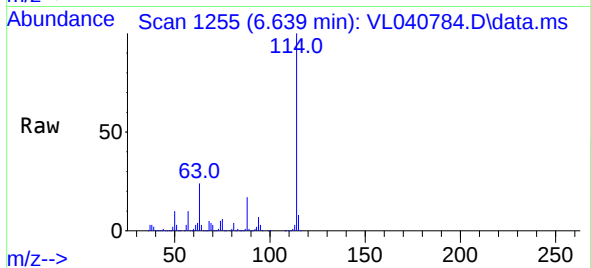
Tgt Ion:114 Resp: 2532477

Ion Ratio Lower Upper

114 100

63 23.8 19.8 29.6

88 17.4 14.2 21.2



#35

Carbon Tetrachloride

Concen: 0.437 ppbv

RT: 6.484 min Scan# 1207

Delta R.T. -0.022 min

Lab File: VL040784.D

Acq: 23 Oct 2023 18:36

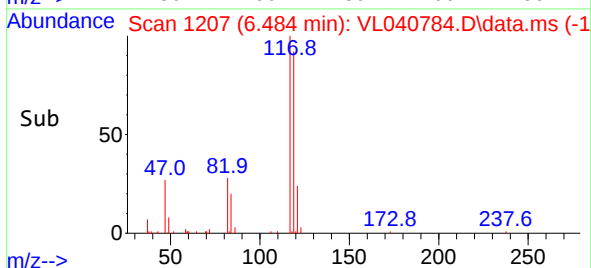
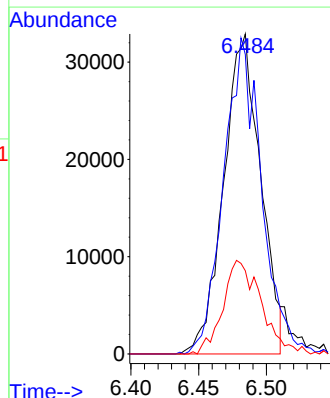
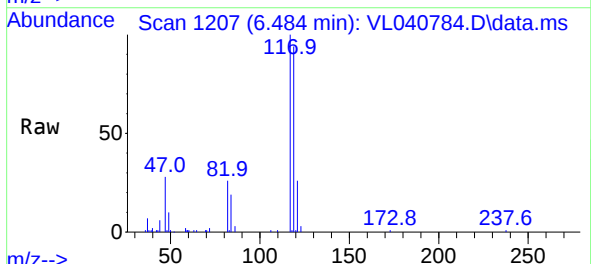
Tgt Ion:117 Resp: 62124

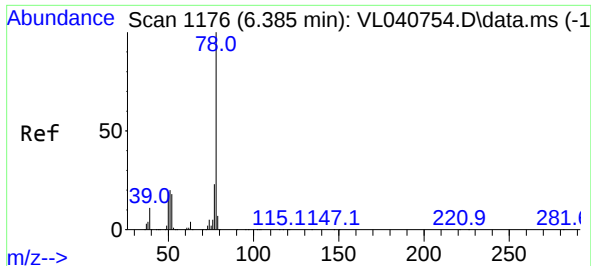
Ion Ratio Lower Upper

117 100

119 93.0 79.4 119.0

121 26.0 25.0 37.4

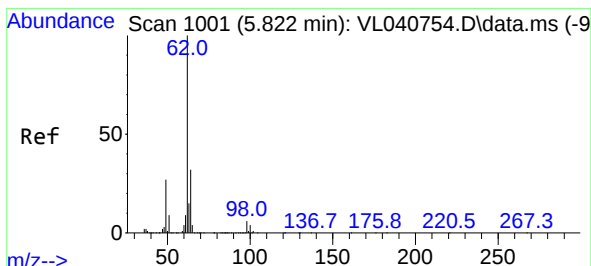
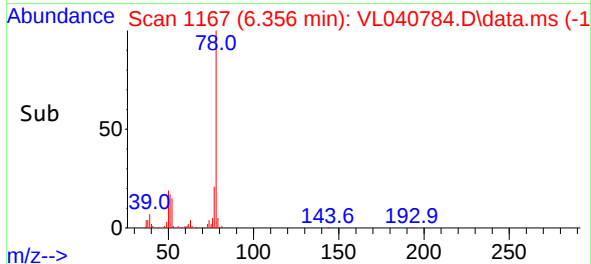
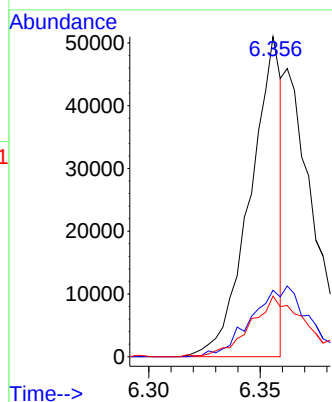
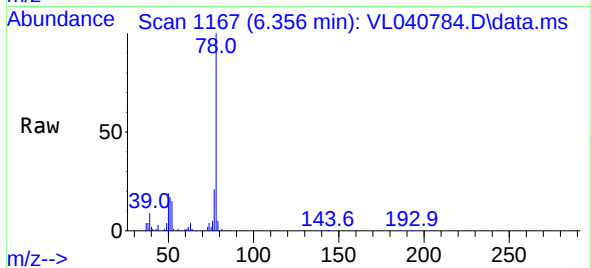




#36
Benzene
Concen: 0.253 ppbv
RT: 6.356 min Scan# 1176
Delta R.T. -0.029 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

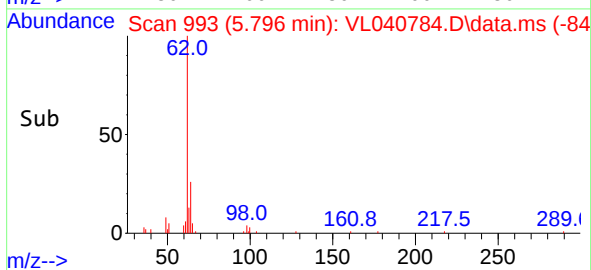
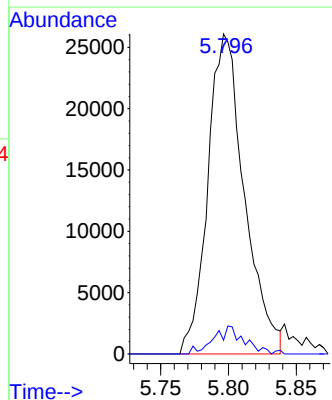
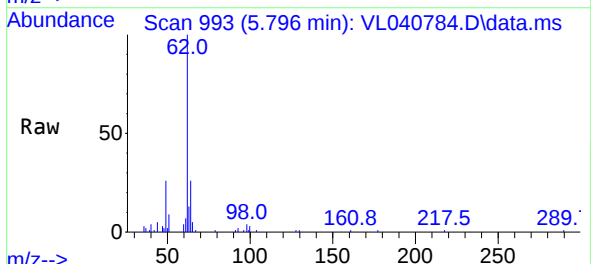
Instrument :
MSVOA_L
ClientSampleId :

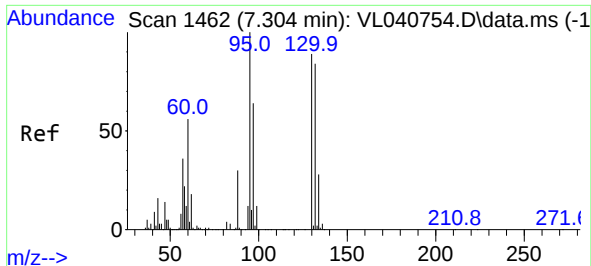
Tgt Ion: 78 Resp: 49362
Ion Ratio Lower Upper
78 100
77 20.7 18.4 27.6
50 18.9 15.0 22.4



#37
1,2-Dichloroethane
Concen: 0.490 ppbv
RT: 5.796 min Scan# 993
Delta R.T. -0.026 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

Tgt Ion: 62 Resp: 48861
Ion Ratio Lower Upper
62 100
98 7.3 5.4 8.0





#38

Trichloroethene

Concen: 0.237 ppbv

RT: 7.275 min Scan# 1462

Delta R.T. -0.029 min

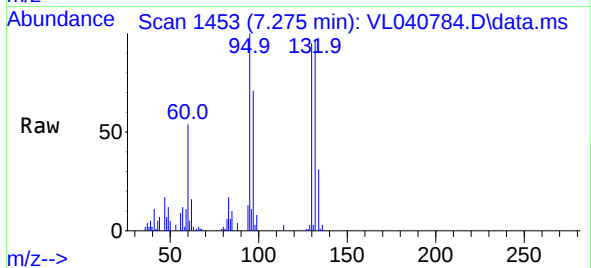
Lab File: VL040784.D

Acq: 23 Oct 2023 18:36

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:130 Resp: 20440

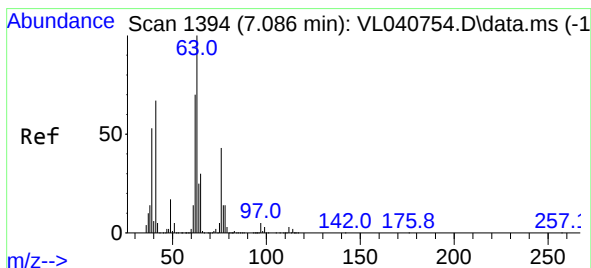
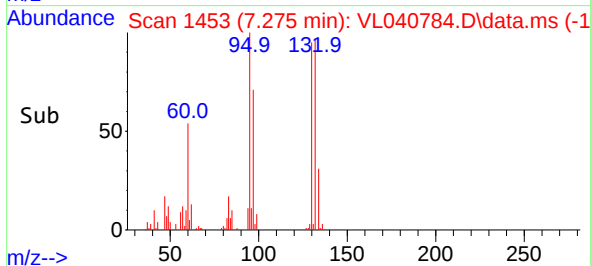
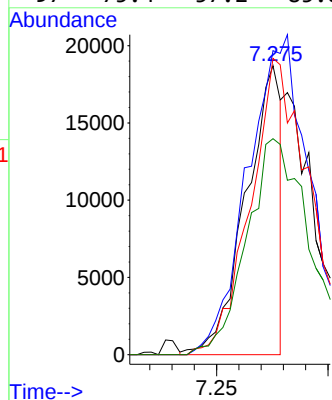
Ion Ratio Lower Upper

130 100

95 106.1 89.4 134.2

132 103.4 74.8 112.2

97 75.4 57.2 85.8



#39

1,2-Dichloropropane

Concen: 0.450 ppbv

RT: 7.063 min Scan# 1387

Delta R.T. -0.022 min

Lab File: VL040784.D

Acq: 23 Oct 2023 18:36

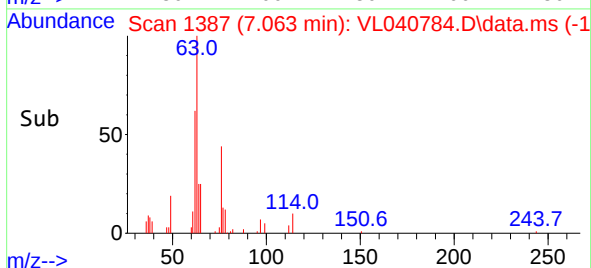
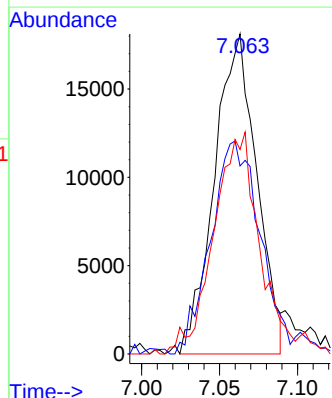
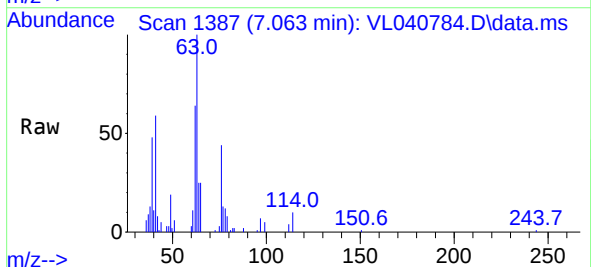
Tgt Ion: 63 Resp: 34260

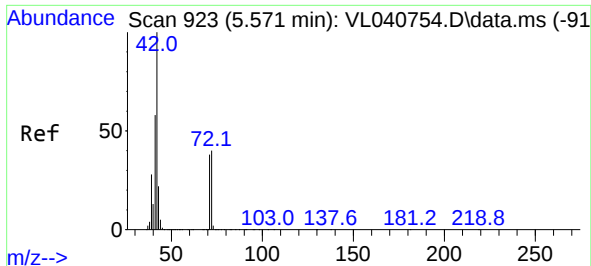
Ion Ratio Lower Upper

63 100

41 55.1 53.7 80.5

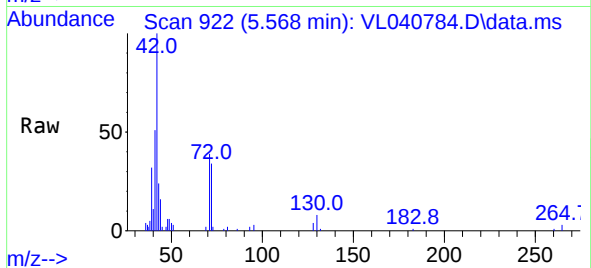
62 55.6 55.7 83.5#



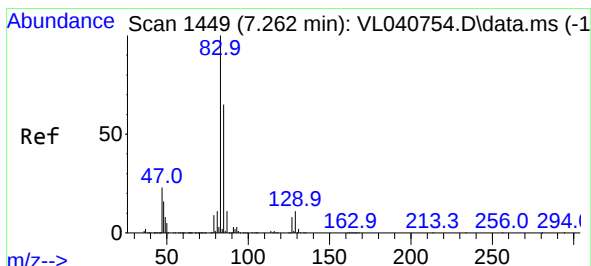
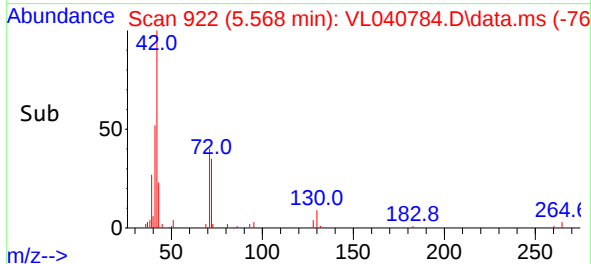
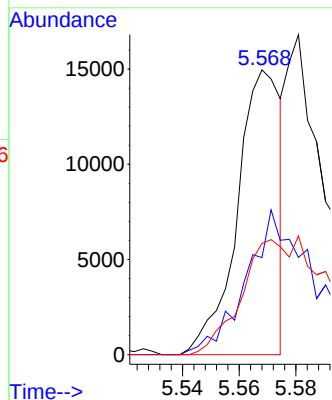


#41
Tetrahydrofuran
Concen: 0.201 ppbv
RT: 5.568 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

Instrument :
MSVOA_L
ClientSampleId :

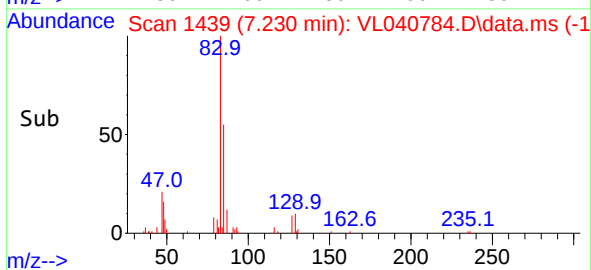
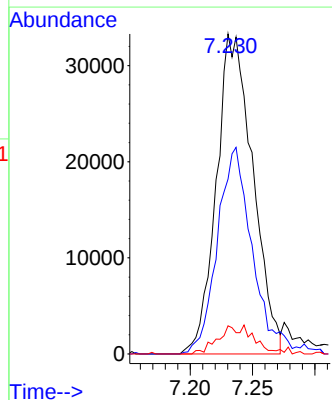
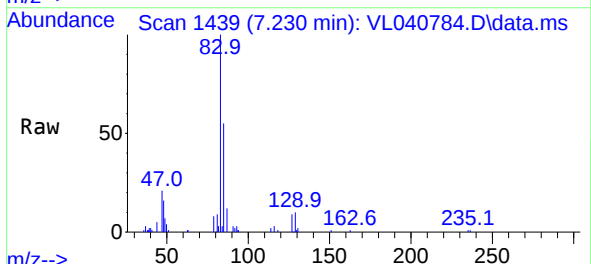


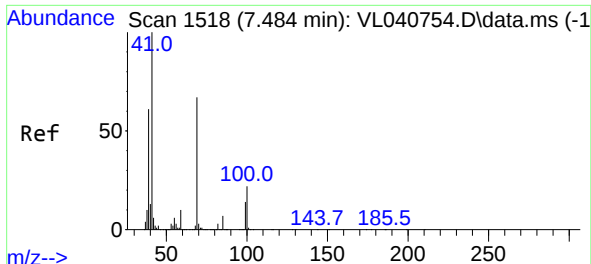
Tgt Ion: 42 Resp: 15949
Ion Ratio Lower Upper
42 100
72 88.1 31.1 46.7#
71 0.0 29.7 44.5#



#42
Bromodichloromethane
Concen: 0.454 ppbv
RT: 7.230 min Scan# 1439
Delta R.T. -0.032 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

Tgt Ion: 83 Resp: 67812
Ion Ratio Lower Upper
83 100
85 54.7 52.1 78.1
127 8.8 6.7 10.1





#43

Methyl Methacrylate

Concen: 0.154 ppbv

RT: 7.465 min Scan# 11

Delta R.T. -0.019 min

Lab File: VL040784.D

Acq: 23 Oct 2023 18:36

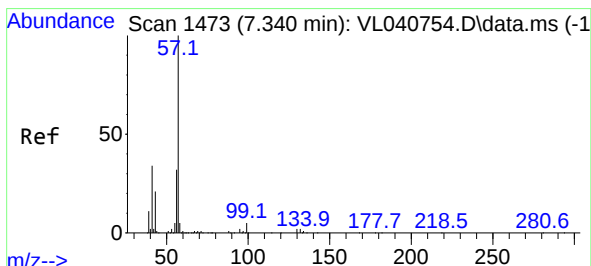
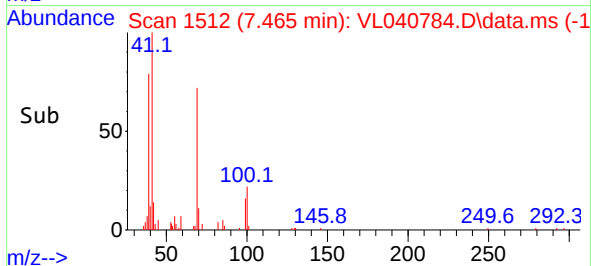
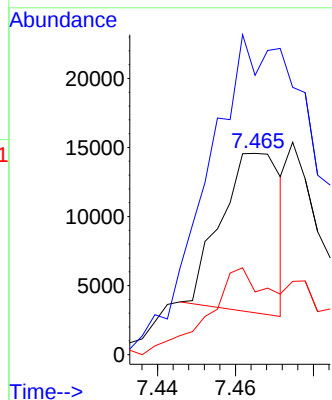
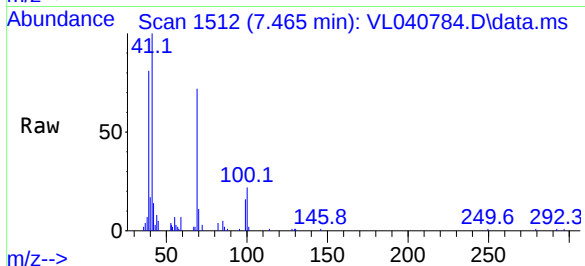
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 69 Resp: 12034

Ion	Ratio	Lower	Upper
69	100		
41	428.7	120.6	181.0#
100	104.2	27.1	40.7#



#44

2,2,4-Trimethylpentane

Concen: 0.479 ppbv

RT: 7.314 min Scan# 1465

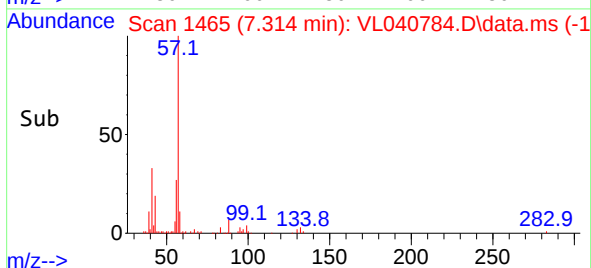
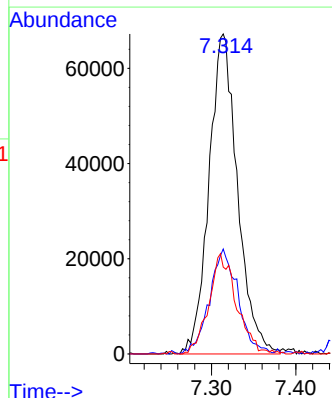
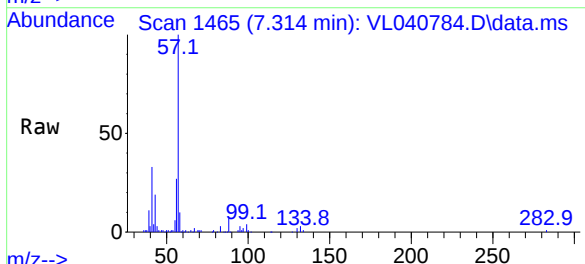
Delta R.T. -0.026 min

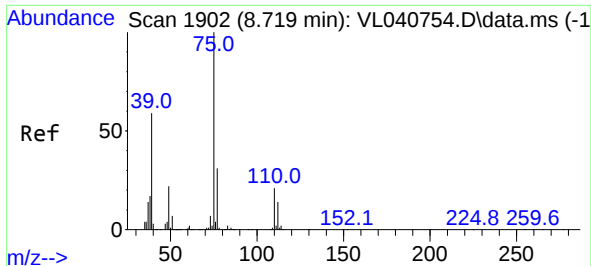
Lab File: VL040784.D

Acq: 23 Oct 2023 18:36

Tgt Ion: 57 Resp: 157885

Ion	Ratio	Lower	Upper
57	100		
41	33.8	27.4	41.0
56	30.8	25.0	37.6

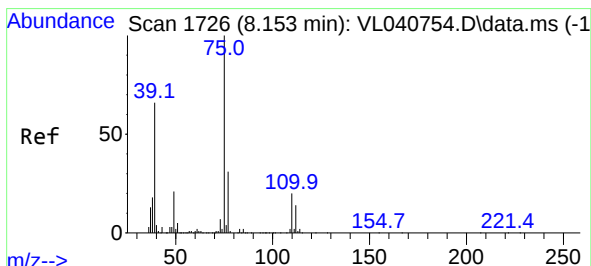
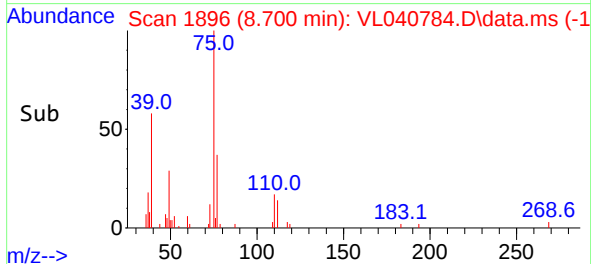
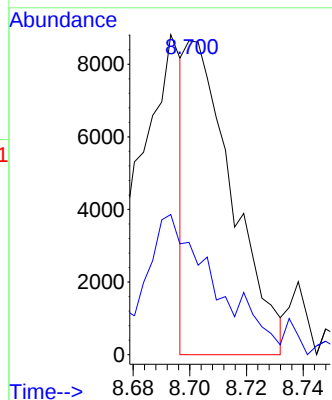
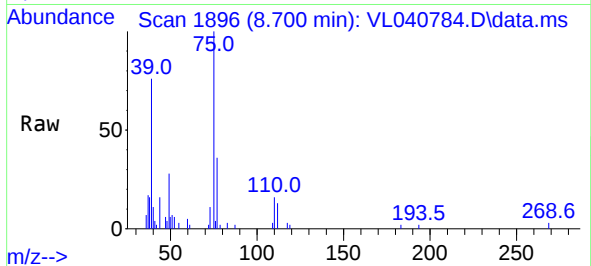




#45
t-1,3-Dichloropropene
Concen: 0.159 ppbv
RT: 8.700 min Scan# 1719
Delta R.T. -0.019 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

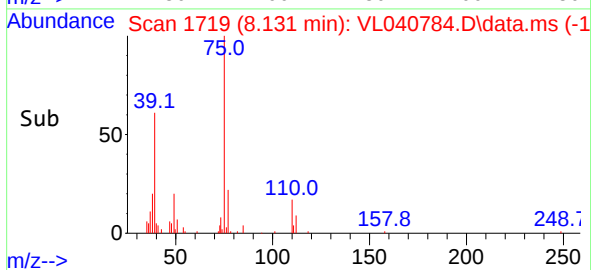
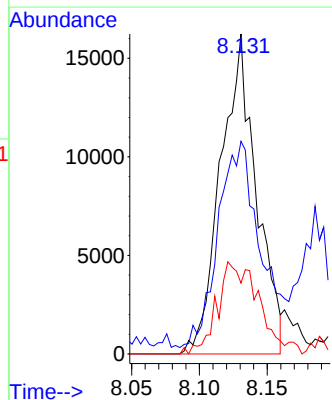
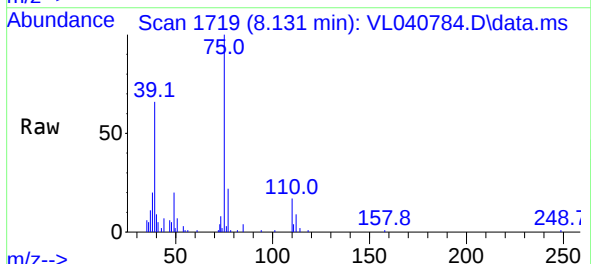
Instrument :
MSVOA_L
ClientSampleId :

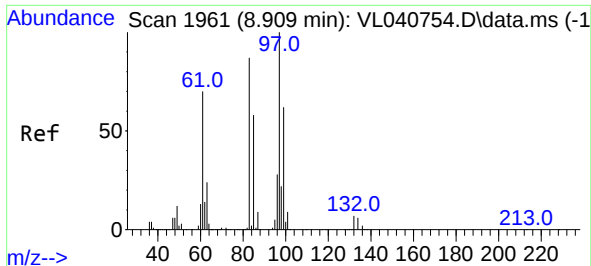
Tgt Ion: 75 Resp: 9860
Ion Ratio Lower Upper
75 100
77 35.8 24.9 37.3



#46
cis-1,3-Dichloropropene
Concen: 0.391 ppbv
RT: 8.131 min Scan# 1719
Delta R.T. -0.022 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

Tgt Ion: 75 Resp: 29681
Ion Ratio Lower Upper
75 100
39 64.5 52.4 78.6
77 22.1 25.1 37.7#





#47

1,1,2-Trichloroethane

Concen: 0.206 ppbv

RT: 8.877 min Scan# 1961

Delta R.T. -0.032 min

Lab File: VL040784.D

Acq: 23 Oct 2023 18:36

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 16489

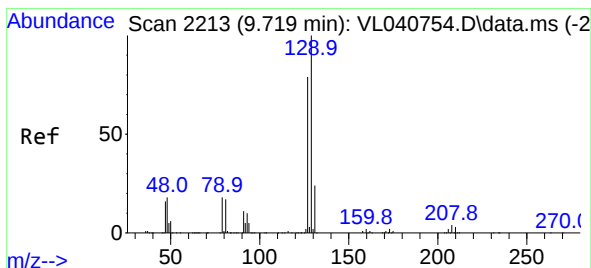
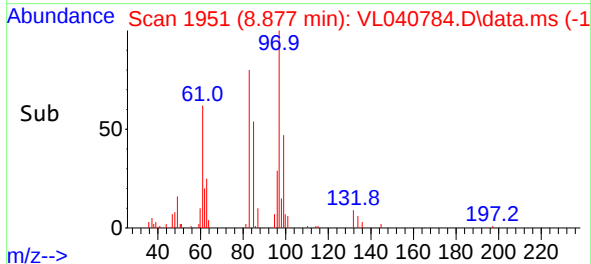
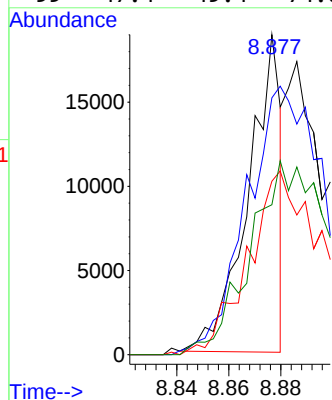
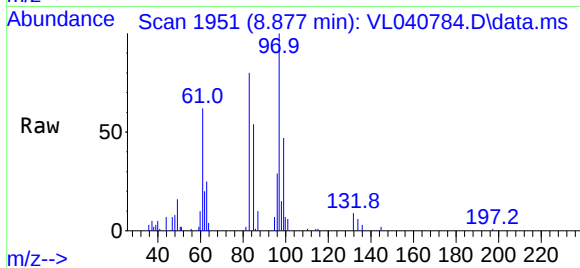
Ion Ratio Lower Upper

97 100

83 79.9 69.5 104.3

85 54.8 46.6 69.8

99 47.4 49.4 74.0#



#48

Dibromochloromethane

Concen: 0.401 ppbv

RT: 9.693 min Scan# 2205

Delta R.T. -0.026 min

Lab File: VL040784.D

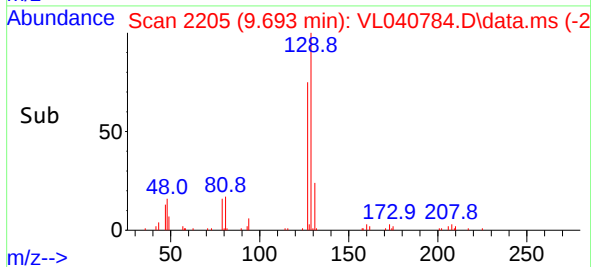
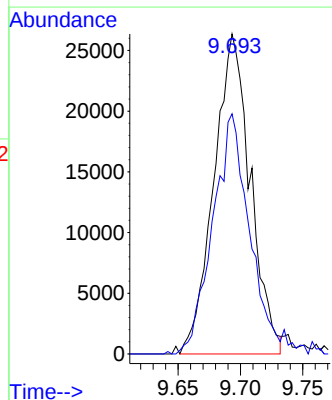
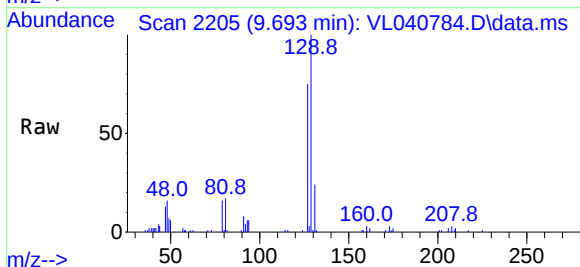
Acq: 23 Oct 2023 18:36

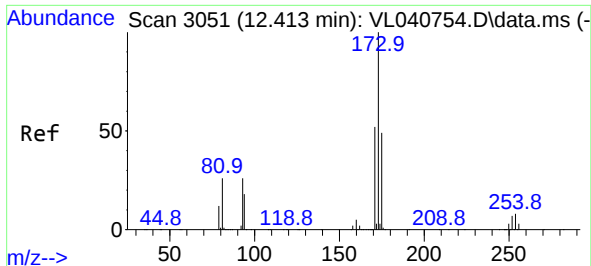
Tgt Ion: 129 Resp: 53675

Ion Ratio Lower Upper

129 100

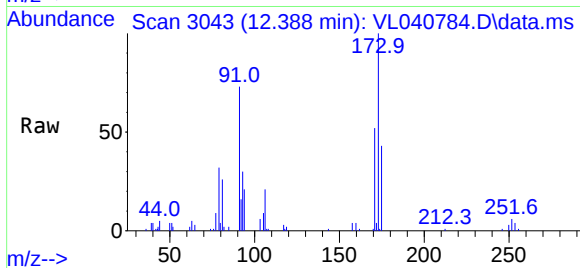
127 78.4 39.1 117.3



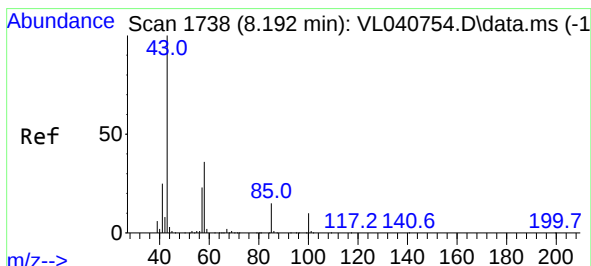
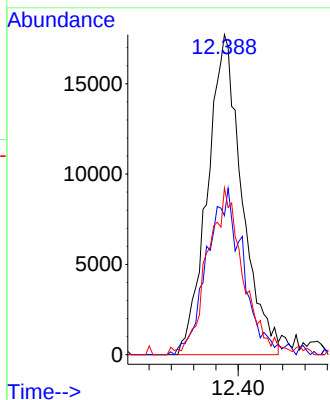
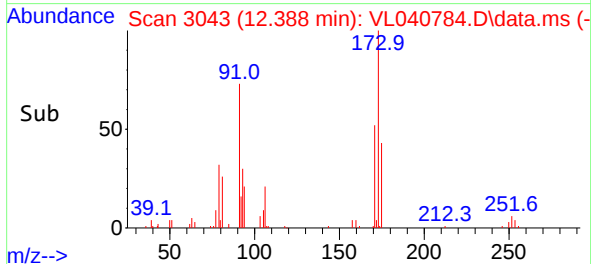


#49
Bromoform
Concen: 0.350 ppbv
RT: 12.388 min Scan# 3051
Delta R.T. -0.026 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

Instrument :
MSVOA_L
ClientSampleId :

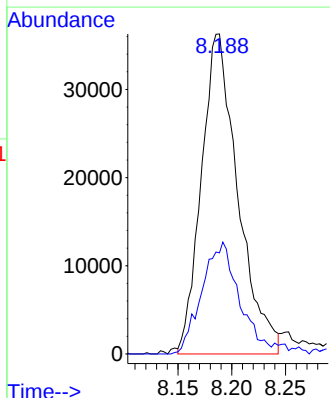
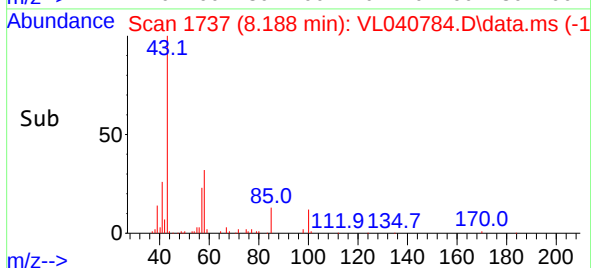
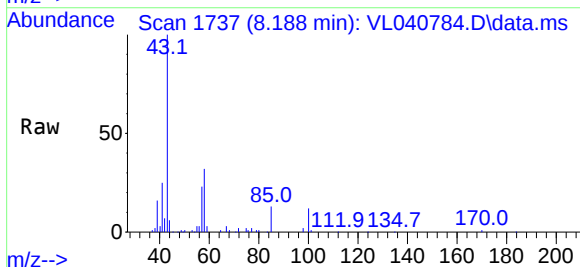


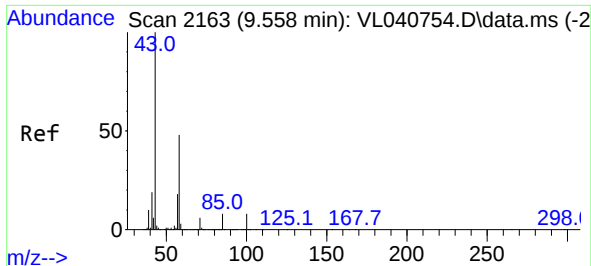
Tgt Ion:173 Resp: 38167
Ion Ratio Lower Upper
173 100
175 55.0 39.2 58.8
171 54.7 42.0 63.0



#50
4-Methyl-2-Pentanone
Concen: 0.438 ppbv
RT: 8.188 min Scan# 1737
Delta R.T. -0.003 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

Tgt Ion: 43 Resp: 85907
Ion Ratio Lower Upper
43 100
58 37.9 28.8 43.2

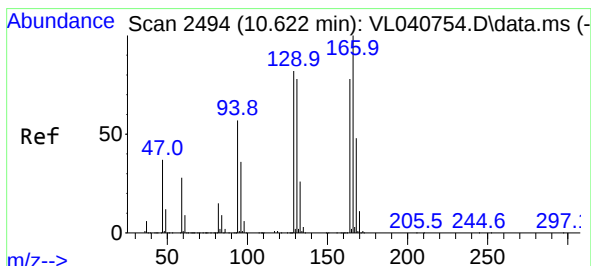
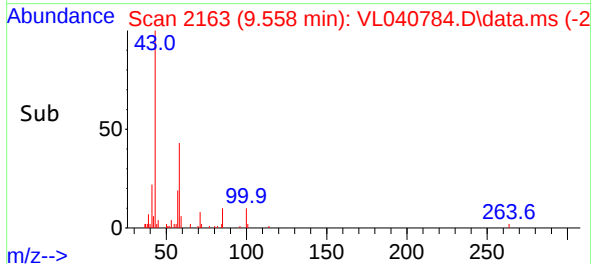
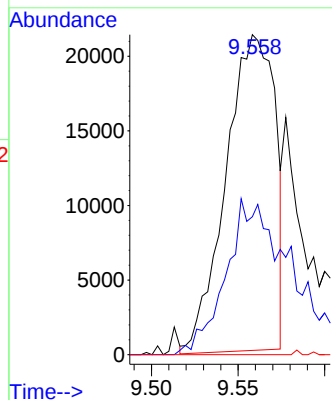
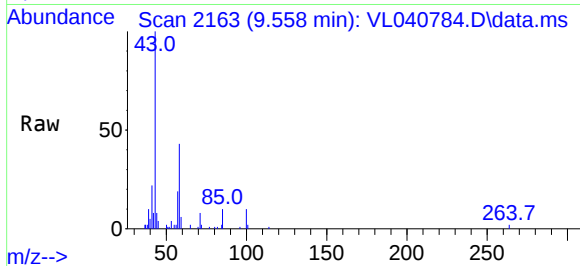




#51
2-Hexanone
Concen: 0.281 ppbv
RT: 9.558 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

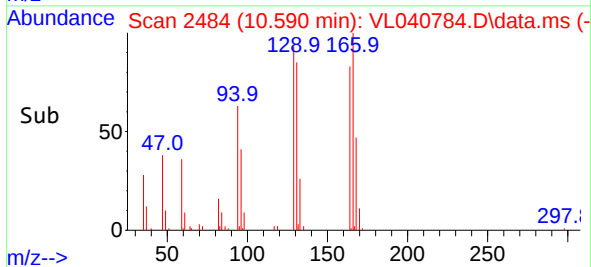
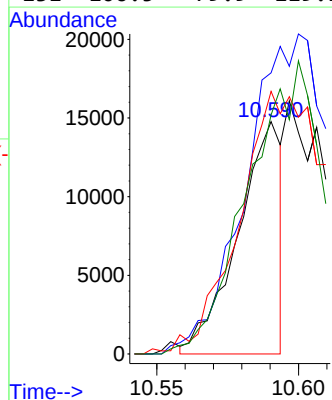
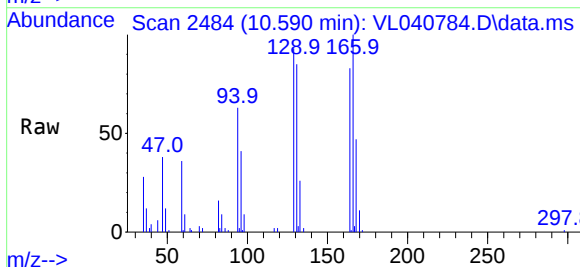
Instrument :
MSVOA_L
ClientSampleId :

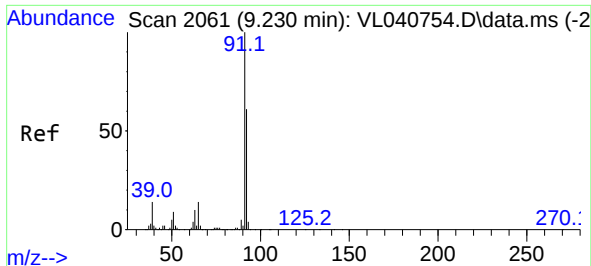
Tgt Ion: 43 Resp: 41890
Ion Ratio Lower Upper
43 100
58 68.6 38.6 58.0#
98 0.0 0.0 0.0



#52
Tetrachloroethene
Concen: 0.199 ppbv
RT: 10.590 min Scan# 2484
Delta R.T. -0.032 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

Tgt Ion: 164 Resp: 15775
Ion Ratio Lower Upper
164 100
166 120.1 102.4 153.6
129 108.3 84.2 126.4
131 106.5 79.9 119.9

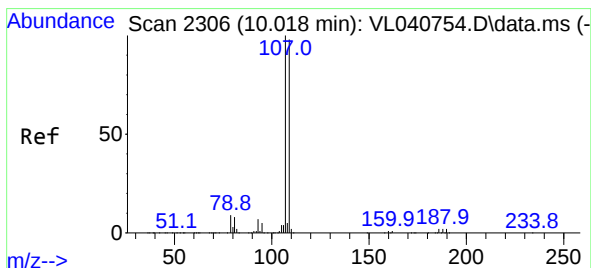
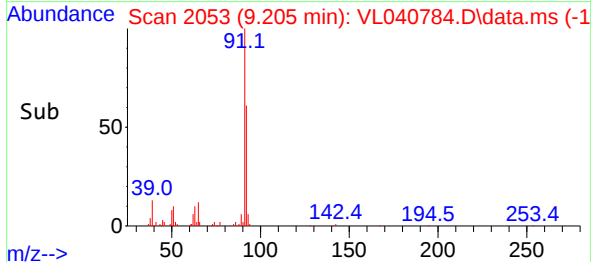
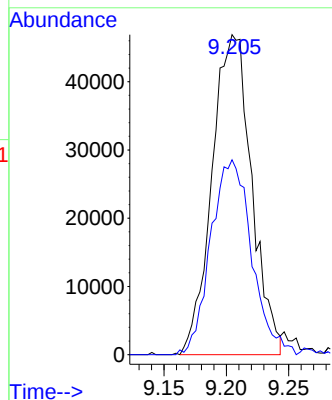
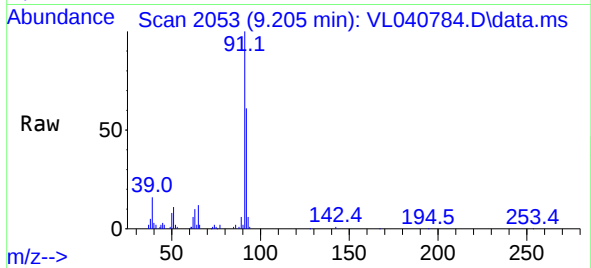




#53
Toluene
Concen: 0.447 ppbv
RT: 9.205 min Scan# 2061
Delta R.T. -0.026 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

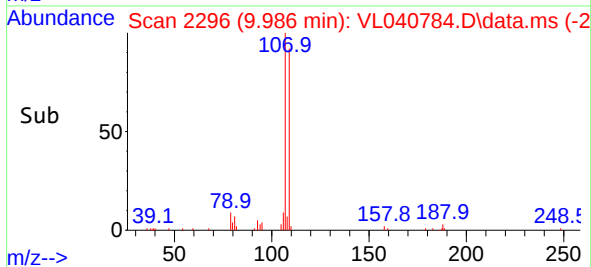
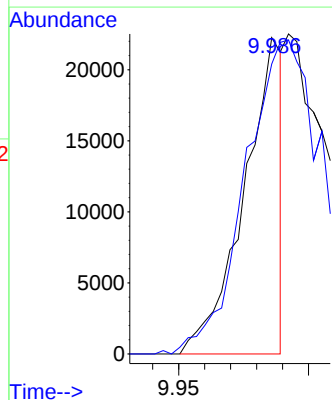
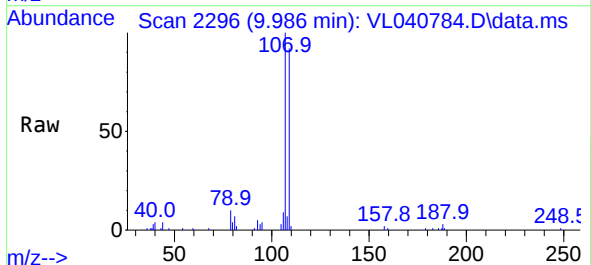
Instrument :
MSVOA_L
ClientSampleId :

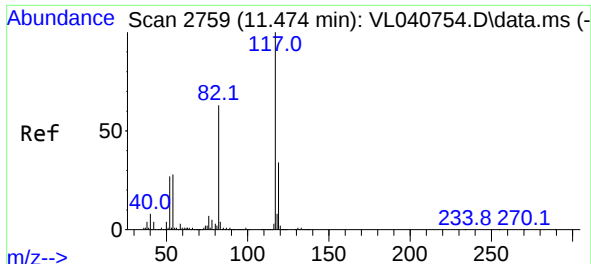
Tgt Ion: 91 Resp: 103690
Ion Ratio Lower Upper
91 100
92 63.8 50.2 75.2



#54
1,2-Dibromoethane
Concen: 0.202 ppbv
RT: 9.986 min Scan# 2296
Delta R.T. -0.032 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

Tgt Ion: 107 Resp: 22609
Ion Ratio Lower Upper
107 100
109 89.6 78.2 117.2

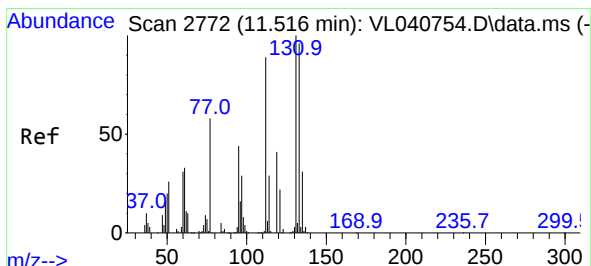
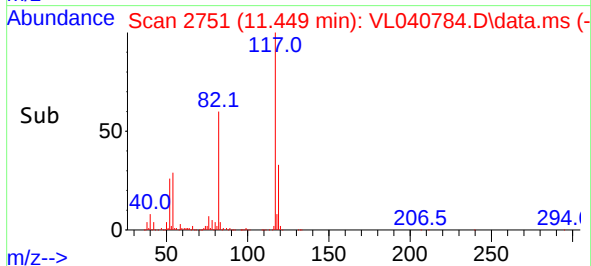
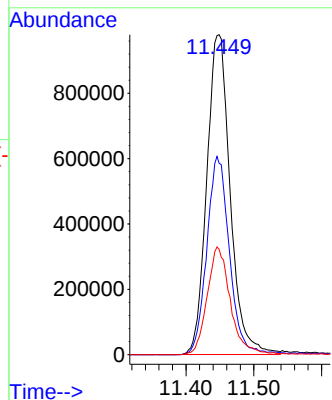
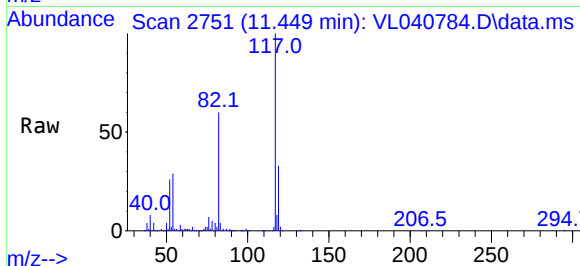




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 21
Delta R.T. -0.026 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

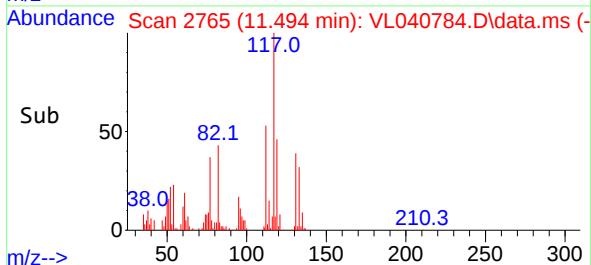
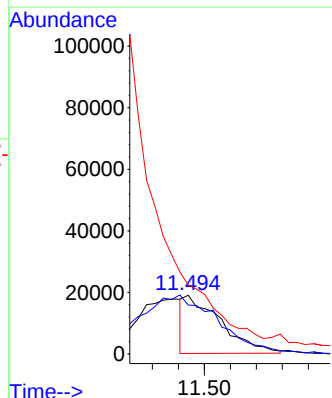
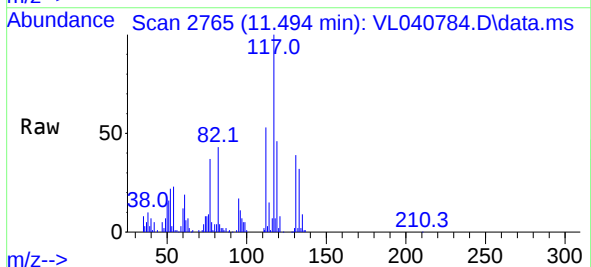
Instrument :
MSVOA_L
ClientSampleId :

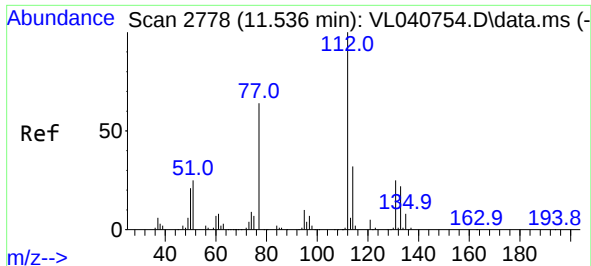
Tgt Ion:117 Resp: 2349462
Ion Ratio Lower Upper
117 100
82 60.2 46.6 70.0
119 33.7 26.0 39.0



#56
1,1,1,2-Tetrachloroethane
Concen: 0.191 ppbv
RT: 11.494 min Scan# 2765
Delta R.T. -0.022 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

Tgt Ion:131 Resp: 18278
Ion Ratio Lower Upper
131 100
133 0.0 75.0 112.6#
119 0.0 45.4 68.0#

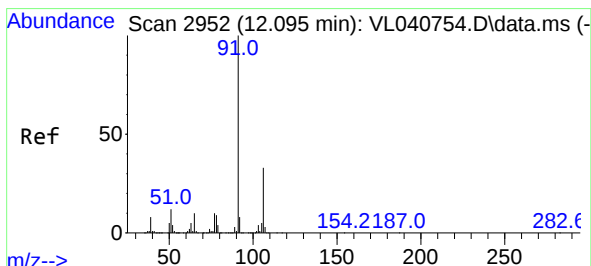
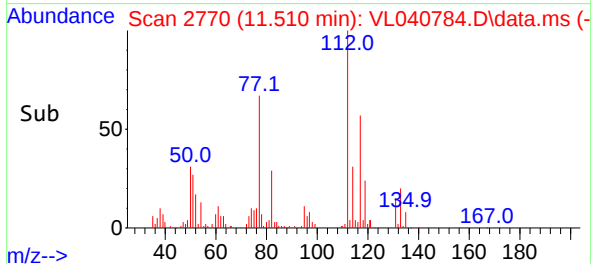
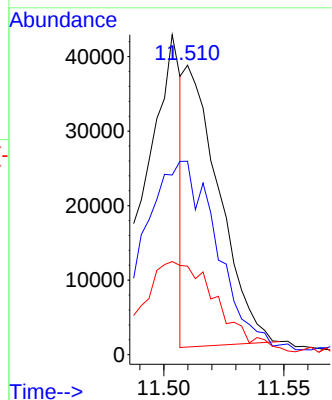
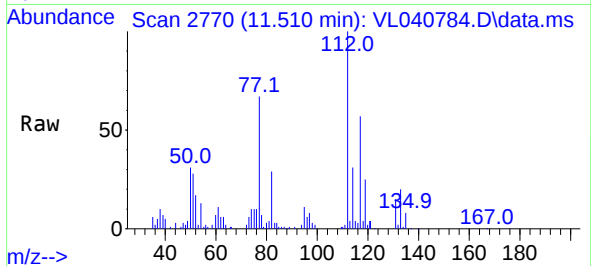




#57
Chlorobenzene
Concen: 0.224 ppbv
RT: 11.510 min Scan# 21
Delta R.T. -0.026 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

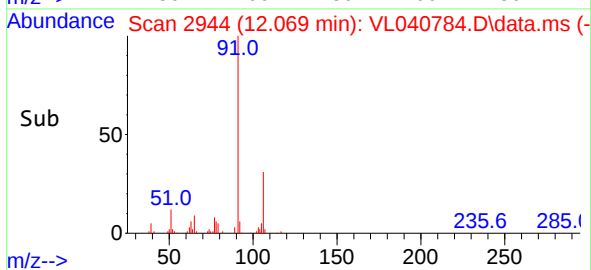
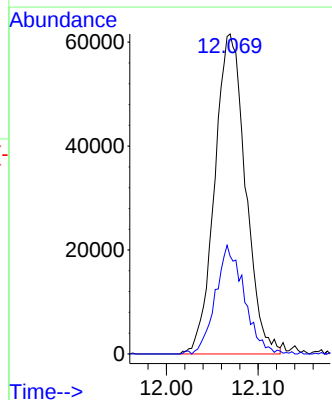
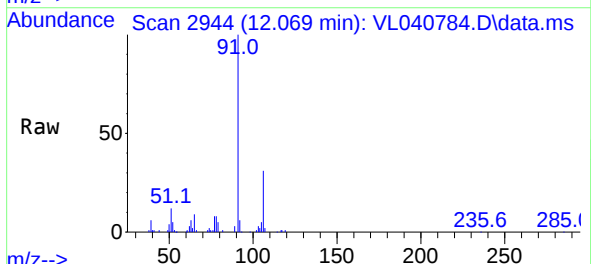
Instrument :
MSVOA_L
ClientSampleId :

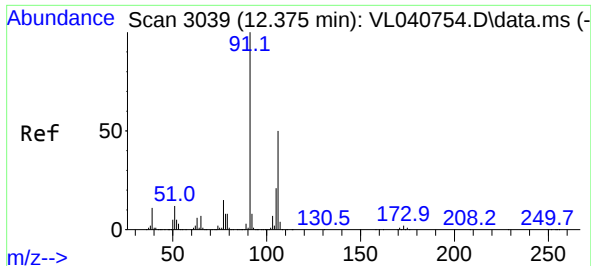
Tgt Ion:112 Resp: 37676
Ion Ratio Lower Upper
112 100
77 66.4 51.9 77.9
114 29.6 28.6 35.0



#58
Ethyl Benzene
Concen: 0.486 ppbv
RT: 12.069 min Scan# 2944
Delta R.T. -0.026 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

Tgt Ion: 91 Resp: 143669
Ion Ratio Lower Upper
91 100
106 30.6 26.7 40.1

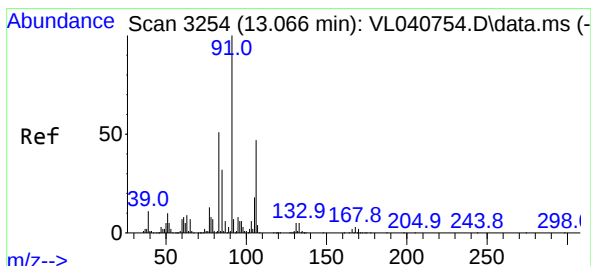
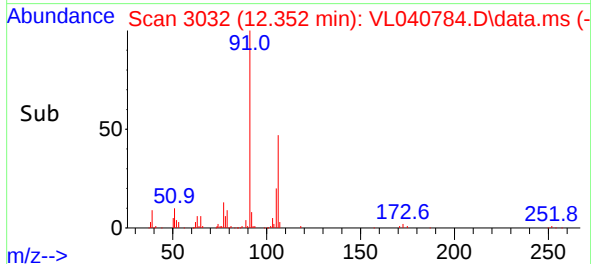
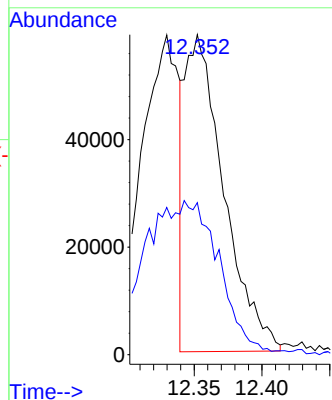
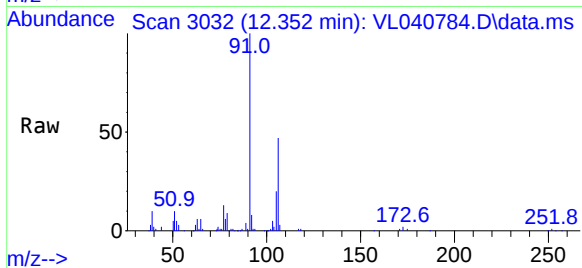




#59
m/p-Xylene
Concen: 0.483 ppbv
RT: 12.352 min Scan# 3039
Delta R.T. -0.022 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

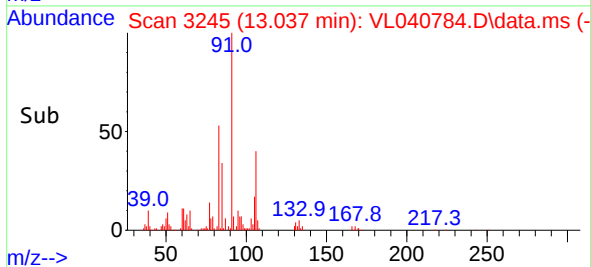
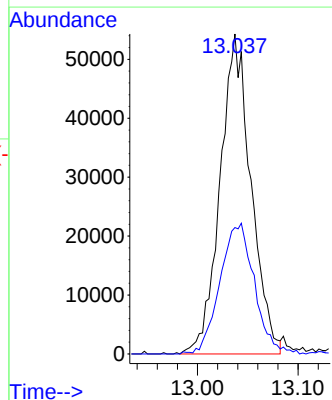
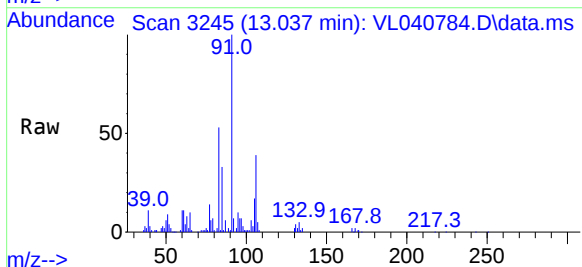
Instrument :
MSVOA_L
ClientSampleId :

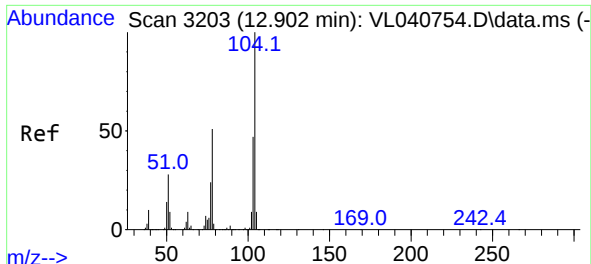
Tgt Ion: 91 Resp: 117681
Ion Ratio Lower Upper
91 100
106 95.1 37.7 56.5#



#60
o-Xylene
Concen: 0.500 ppbv
RT: 13.037 min Scan# 3245
Delta R.T. -0.029 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

Tgt Ion: 91 Resp: 115966
Ion Ratio Lower Upper
91 100
106 45.7 23.5 70.5

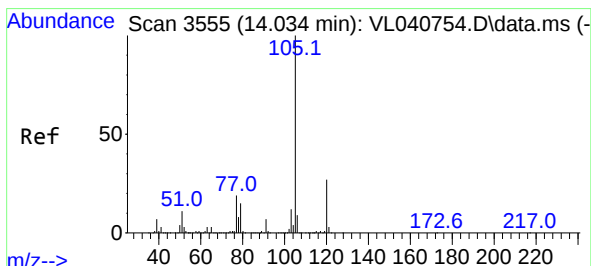
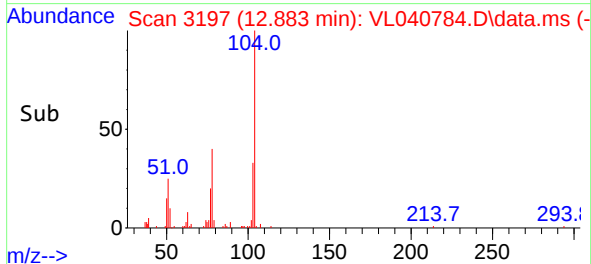
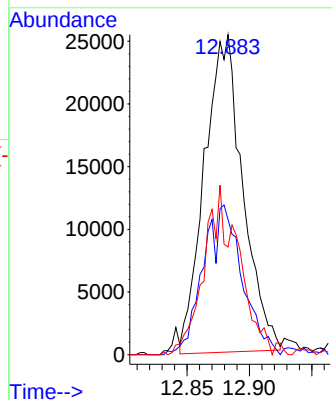
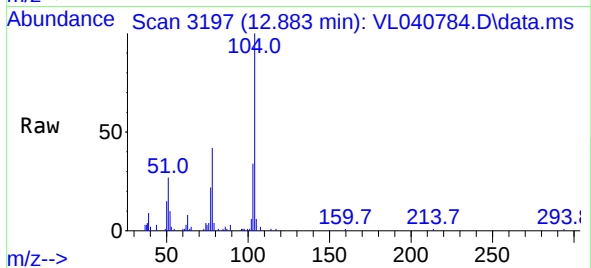




#61
Styrene
Concen: 0.422 ppbv
RT: 12.883 min Scan# 3197
Delta R.T. -0.019 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

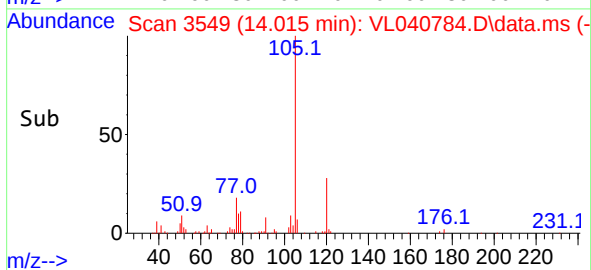
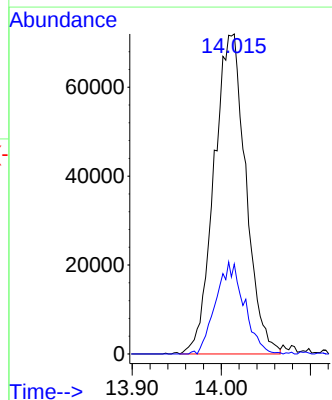
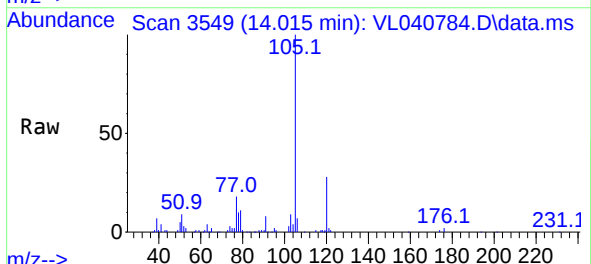
Instrument :
MSVOA_L
ClientSampleId :

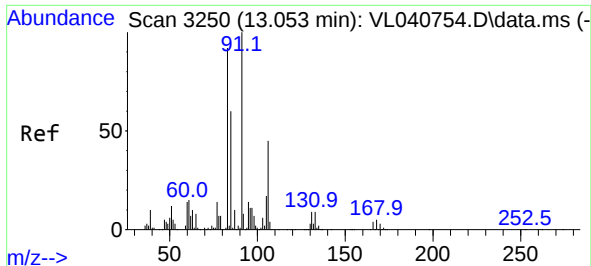
Tgt Ion:104 Resp: 54247
Ion Ratio Lower Upper
104 100
78 50.0 39.8 59.6
103 49.5 37.5 56.3



#62
Isopropylbenzene
Concen: 0.500 ppbv
RT: 14.015 min Scan# 3549
Delta R.T. -0.019 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

Tgt Ion:105 Resp: 178316
Ion Ratio Lower Upper
105 100
120 25.8 21.5 32.3

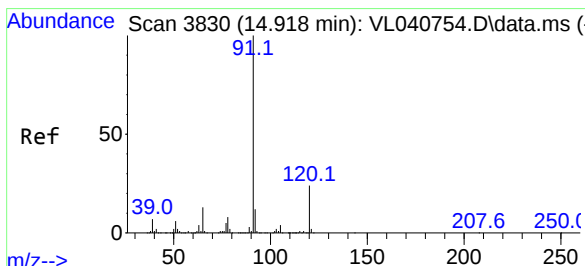
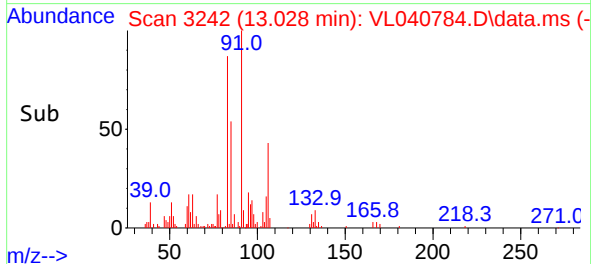
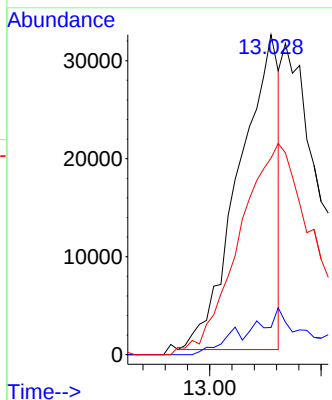
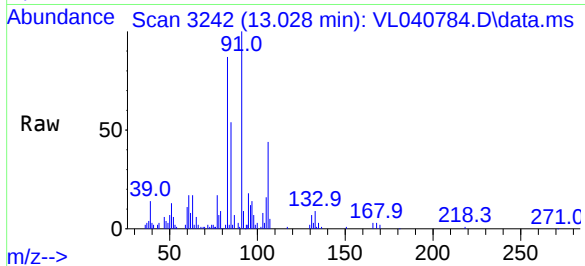




#63
1,1,2,2-Tetrachloroethane
Concen: 0.230 ppbv
RT: 13.028 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

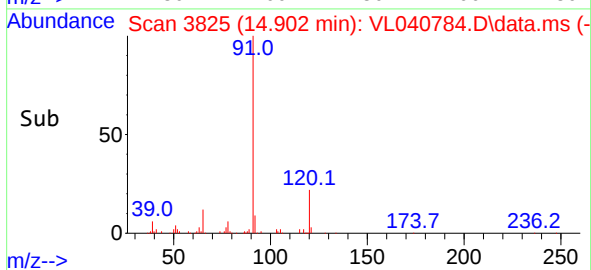
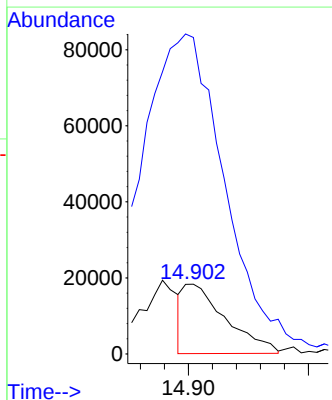
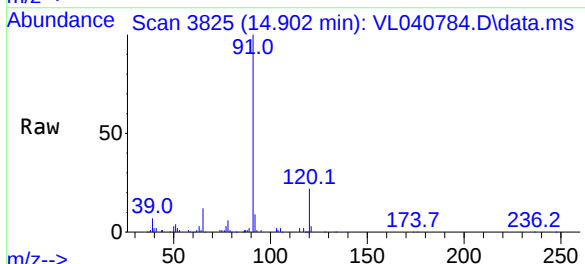
Instrument :
MSVOA_L
ClientSampleId :

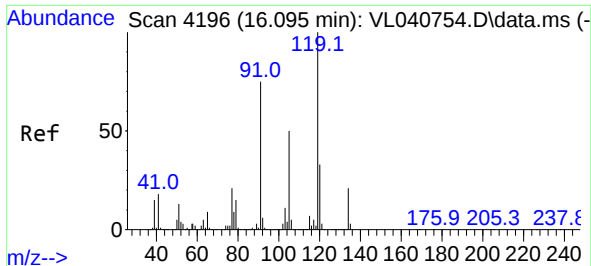
Tgt Ion: 83 Resp: 40061
Ion Ratio Lower Upper
83 100
131 0.0 4.9 14.6#
85 0.0 32.9 98.7#



#64
n-propylbenzene
Concen: 0.236 ppbv
RT: 14.902 min Scan# 3825
Delta R.T. -0.016 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

Tgt Ion: 120 Resp: 22618
Ion Ratio Lower Upper
120 100
91 972.9 345.9 518.9#





#65

tert-Butylbenzene

Concen: 0.486 ppbv

RT: 16.069 min Scan# 41

Delta R.T. -0.026 min

Lab File: VL040784.D

Acq: 23 Oct 2023 18:36

Instrument :

MSVOA_L

ClientSampleId :

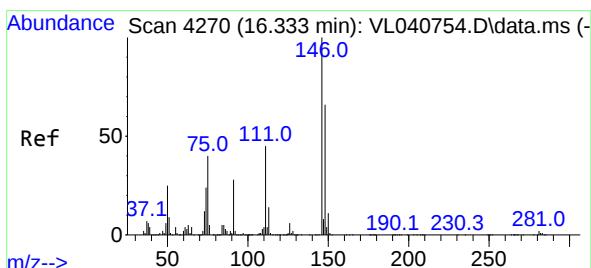
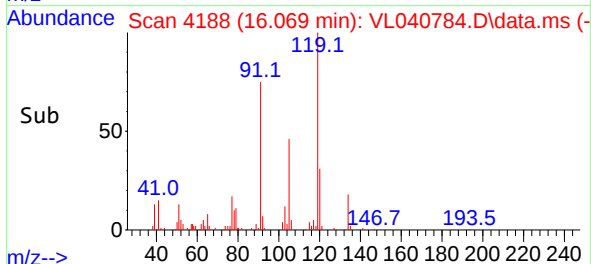
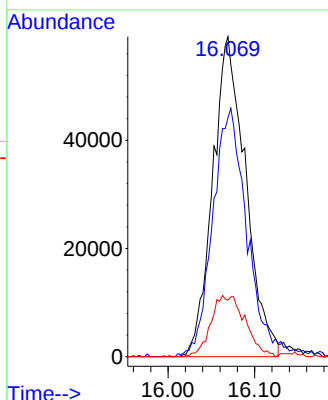
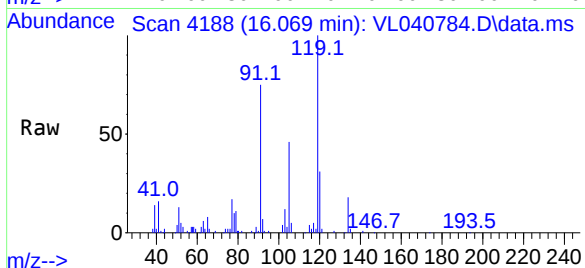
Tgt Ion:119 Resp: 156409

Ion Ratio Lower Upper

119 100

91 81.3 62.2 93.2

134 20.5 16.1 24.1



#66

Benzyl Chloride

Concen: 0.044 ppbv

RT: 16.314 min Scan# 4264

Delta R.T. -0.019 min

Lab File: VL040784.D

Acq: 23 Oct 2023 18:36

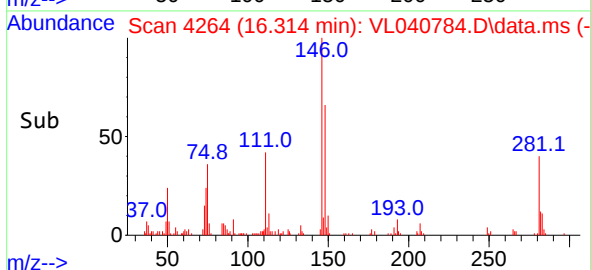
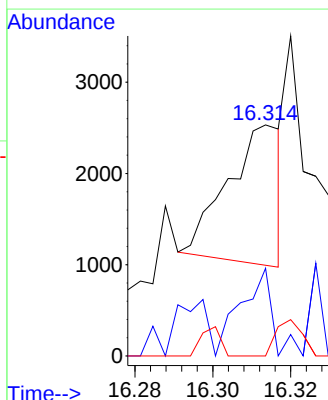
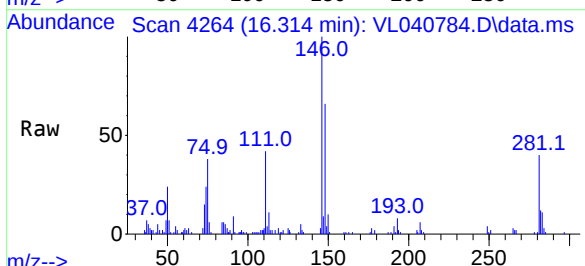
Tgt Ion: 91 Resp: 1433

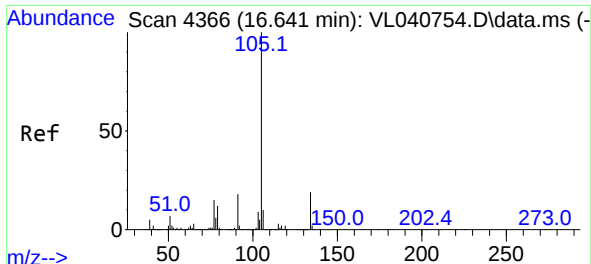
Ion Ratio Lower Upper

91 100

126 62.2 16.1 24.1#

128 7.7 5.2 7.8

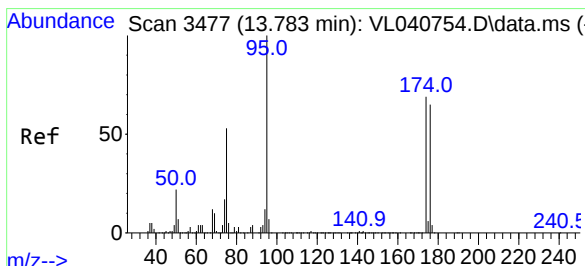
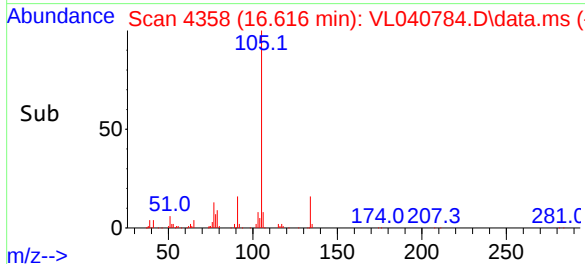
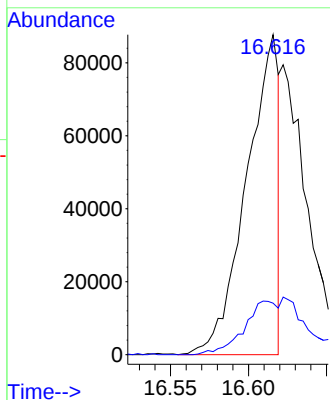
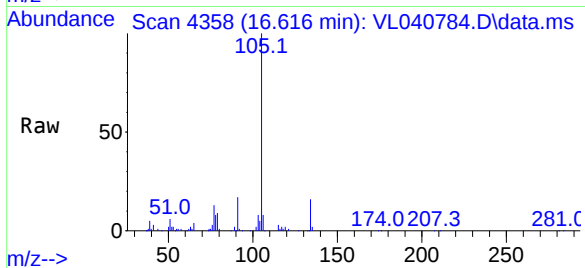




#67
 sec-Butylbenzene
 Concen: 0.284 ppbv
 RT: 16.616 min Scan# 41
 Delta R.T. -0.026 min
 Lab File: VL040784.D
 Acq: 23 Oct 2023 18:36

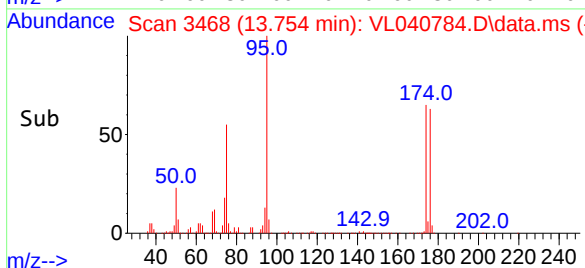
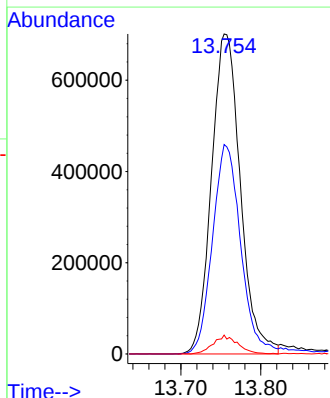
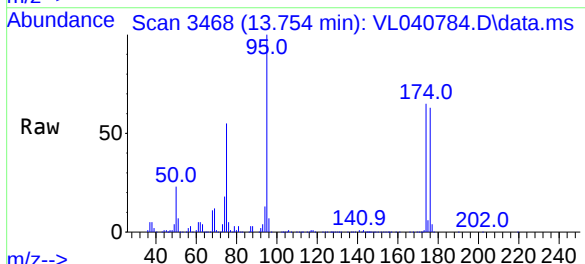
Instrument :
 MSVOA_L
 ClientSampleId :

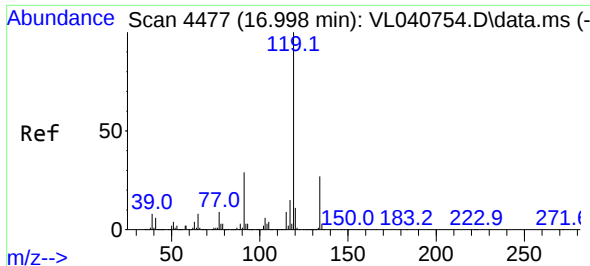
Tgt Ion:105 Resp: 125080
 Ion Ratio Lower Upper
 105 100
 134 0.0 15.4 23.2#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.163 ppbv
 RT: 13.754 min Scan# 3468
 Delta R.T. -0.029 min
 Lab File: VL040784.D
 Acq: 23 Oct 2023 18:36

Tgt Ion: 95 Resp: 1756930
 Ion Ratio Lower Upper
 95 100
 174 66.6 54.7 82.1
 175 5.0 4.2 6.4

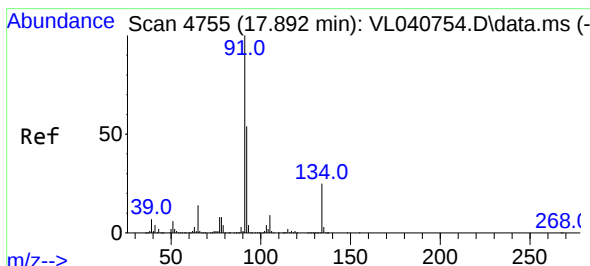
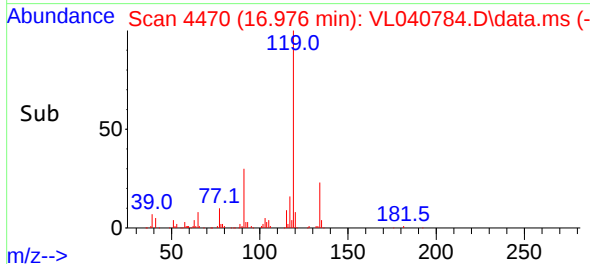
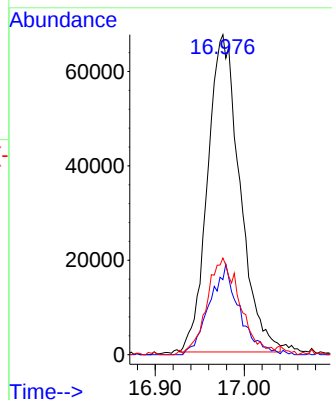
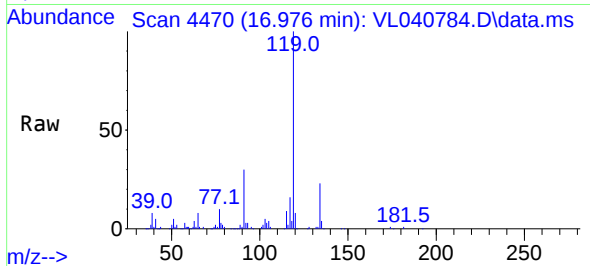




#69
p-Isopropyltoluene
Concen: 0.458 ppbv
RT: 16.976 min Scan# 4477
Delta R.T. -0.022 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

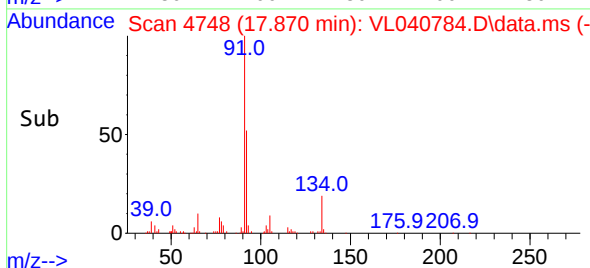
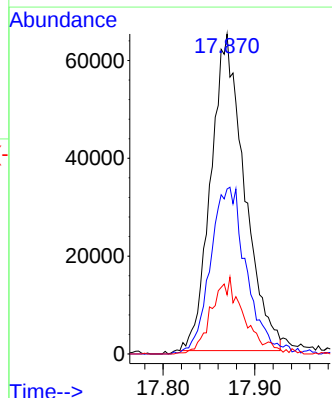
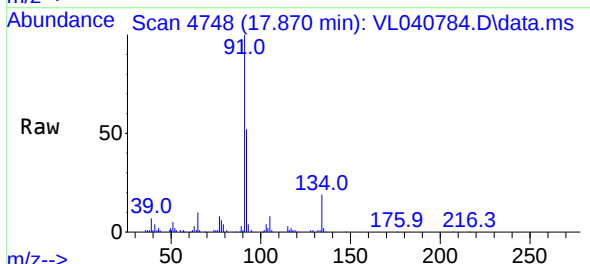
Instrument :
MSVOA_L
ClientSampleId :

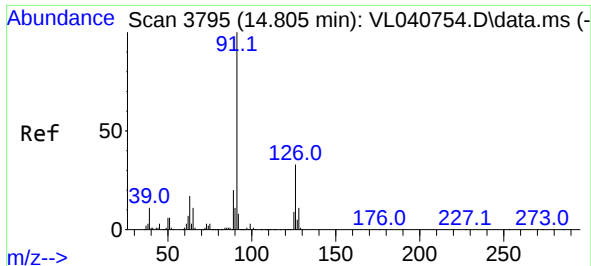
Tgt Ion:119 Resp: 169154
Ion Ratio Lower Upper
119 100
134 26.6 21.0 31.4
91 32.4 22.8 34.2



#70
n-Butylbenzene
Concen: 0.456 ppbv
RT: 17.870 min Scan# 4748
Delta R.T. -0.022 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

Tgt Ion: 91 Resp: 165305
Ion Ratio Lower Upper
91 100
92 56.7 44.1 66.1
134 23.7 19.5 29.3

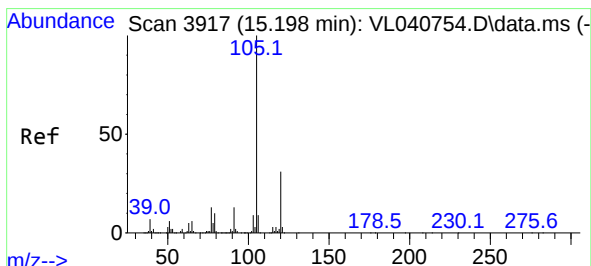
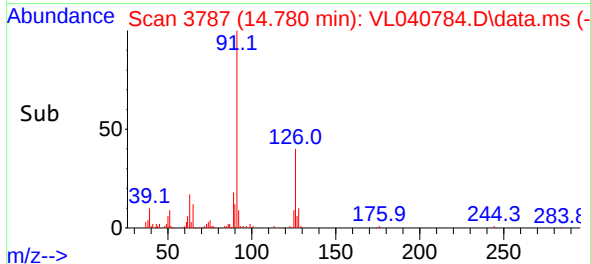
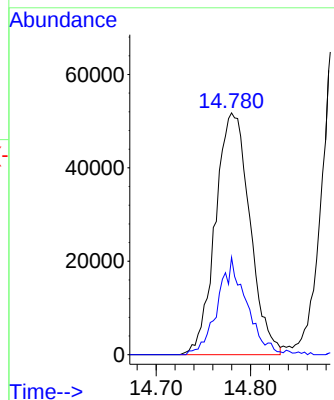
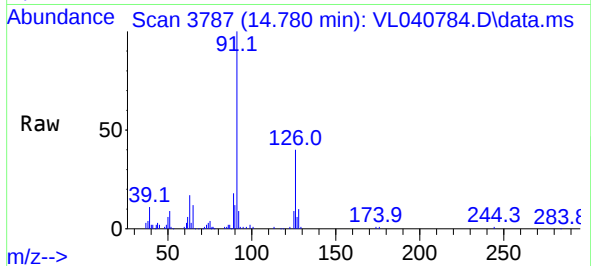




#71
2-Chlorotoluene
Concen: 0.489 ppbv
RT: 14.780 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

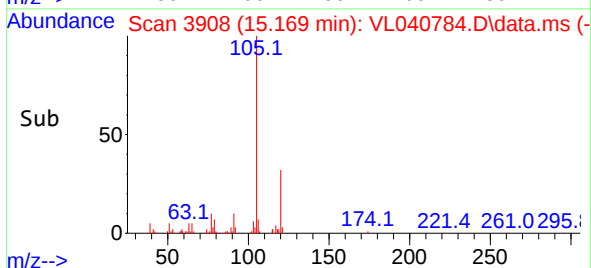
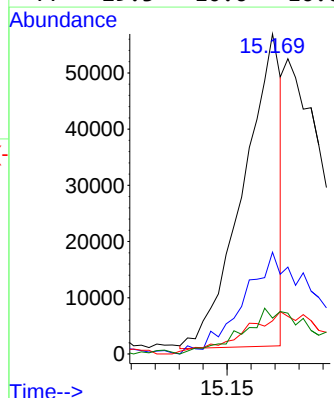
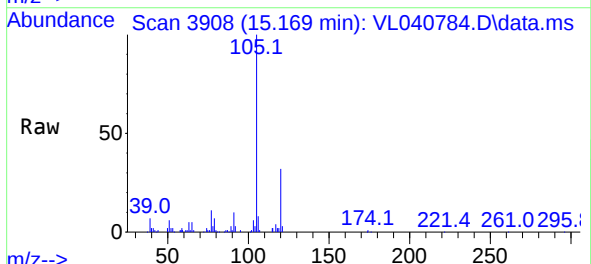
Instrument :
MSVOA_L
ClientSampleId :

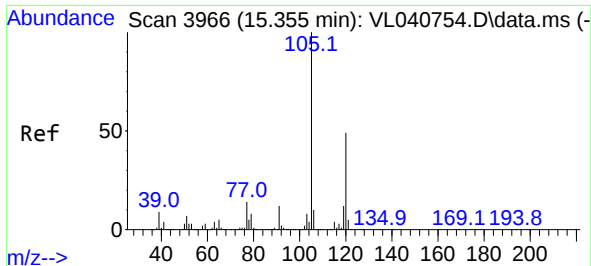
Tgt Ion: 91 Resp: 130995
Ion Ratio Lower Upper
91 100
126 34.5 13.3 53.1



#72
4-Ethyltoluene
Concen: 0.225 ppbv
RT: 15.169 min Scan# 3908
Delta R.T. -0.029 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

Tgt Ion:105 Resp: 61025
Ion Ratio Lower Upper
105 100
120 66.9 25.0 37.4#
91 0.0 9.8 14.8#
77 29.3 10.6 16.0#

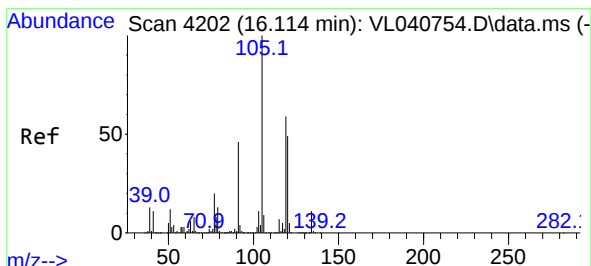
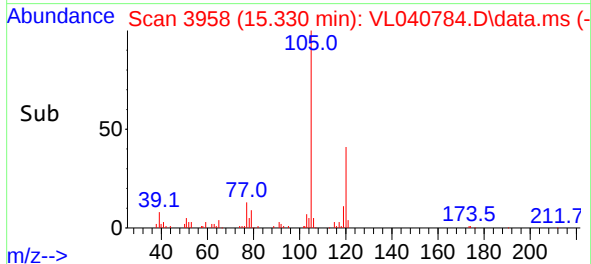
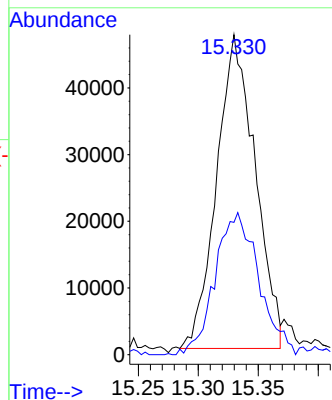
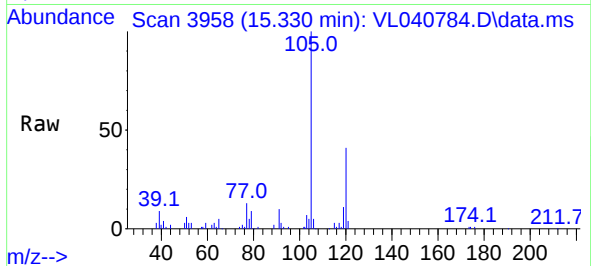




#73
1,3,5-Trimethylbenzene
Concen: 0.440 ppbv
RT: 15.330 min Scan# 3966
Delta R.T. -0.026 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

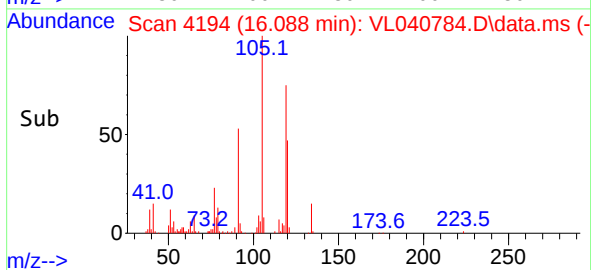
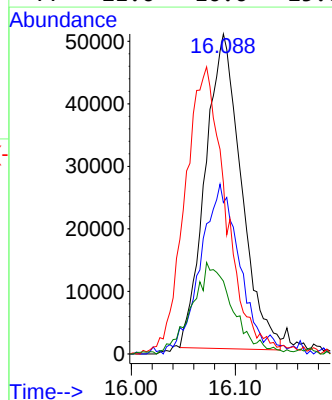
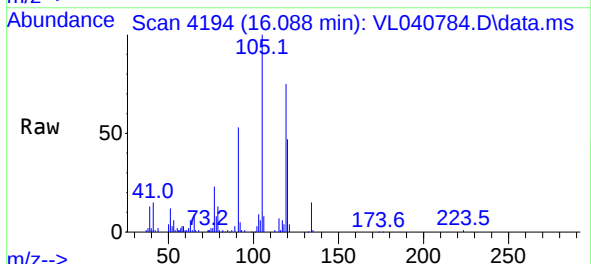
Instrument :
MSVOA_L
ClientSampleId :

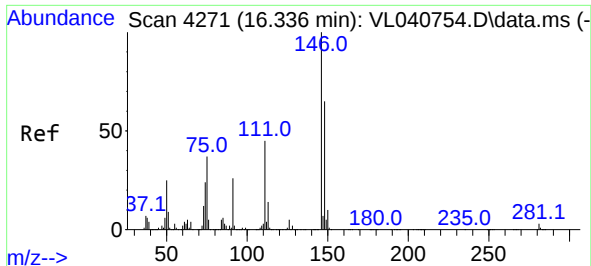
Tgt Ion:105 Resp: 105295
Ion Ratio Lower Upper
105 100
120 40.4 39.4 59.2



#74
1,2,4-Trimethylbenzene
Concen: 0.463 ppbv
RT: 16.088 min Scan# 4194
Delta R.T. -0.026 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

Tgt Ion:105 Resp: 120994
Ion Ratio Lower Upper
105 100
120 45.5 39.4 59.2
91 52.5 38.6 58.0
77 21.6 16.6 25.0





#75

1,3-Dichlorobenzene

Concen: 0.419 ppbv

RT: 16.314 min Scan# 41

Delta R.T. -0.022 min

Lab File: VL040784.D

Acq: 23 Oct 2023 18:36

Instrument :

MSVOA_L

ClientSampleId :

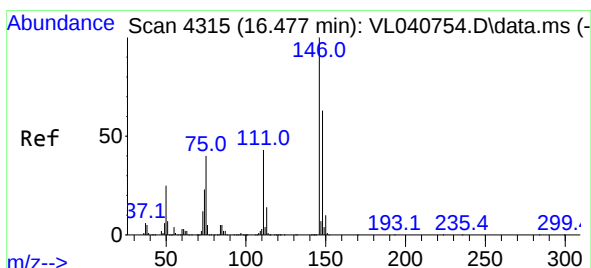
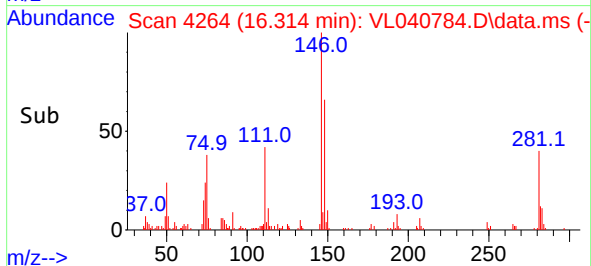
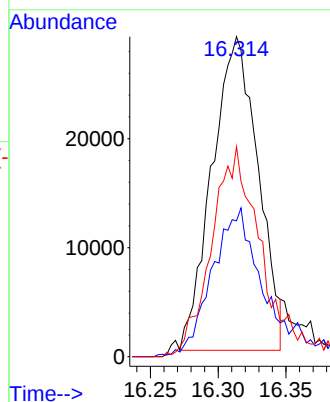
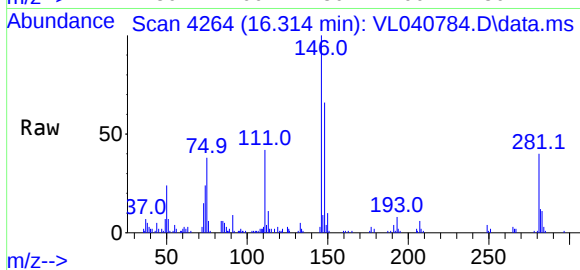
Tgt Ion:146 Resp: 68057

Ion Ratio Lower Upper

146 100

111 54.5 22.6 67.7

148 72.3 32.4 97.0



#76

1,4-Dichlorobenzene

Concen: 0.404 ppbv

RT: 16.455 min Scan# 4308

Delta R.T. -0.022 min

Lab File: VL040784.D

Acq: 23 Oct 2023 18:36

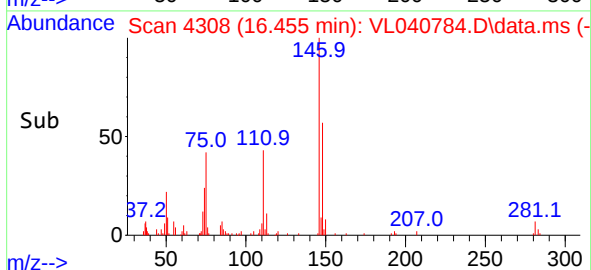
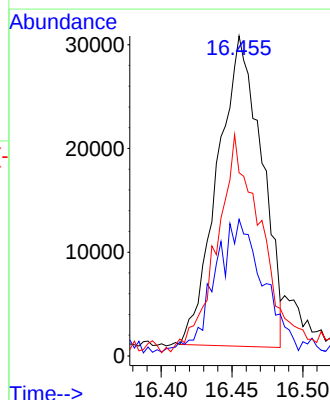
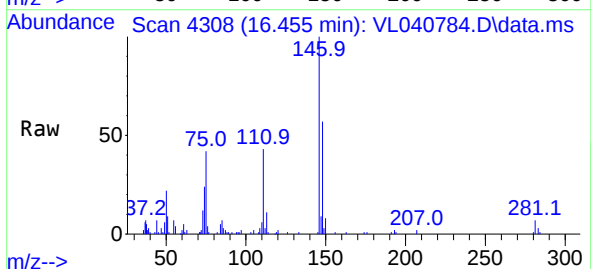
Tgt Ion:146 Resp: 64974

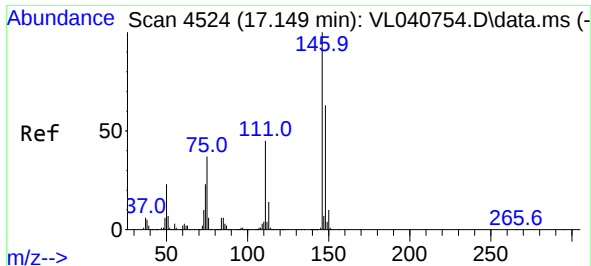
Ion Ratio Lower Upper

146 100

111 53.9 22.0 66.0

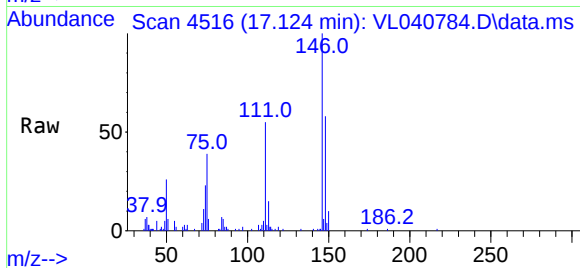
148 80.5 33.4 100.1



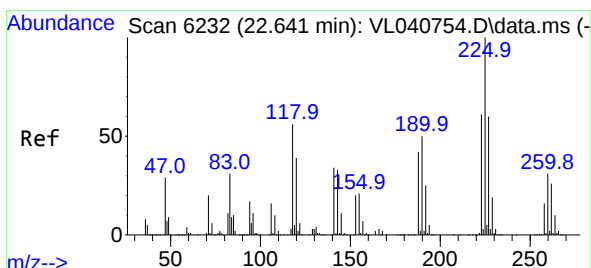
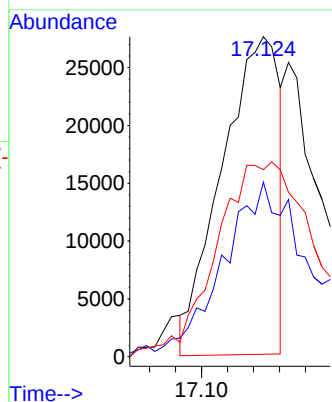
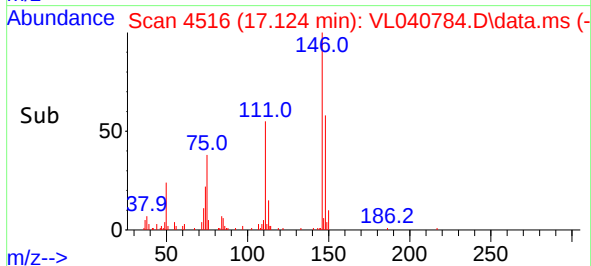


#77
1,2-Dichlorobenzene
Concen: 0.265 ppbv
RT: 17.124 min Scan# 4516
Delta R.T. -0.026 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

Instrument :
MSVOA_L
ClientSampleId :

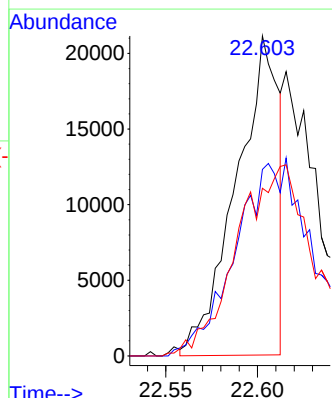
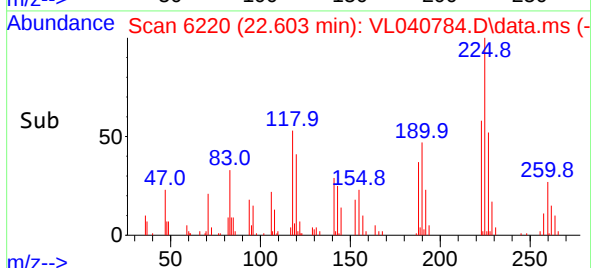
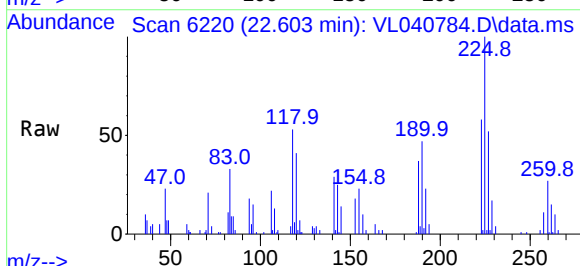


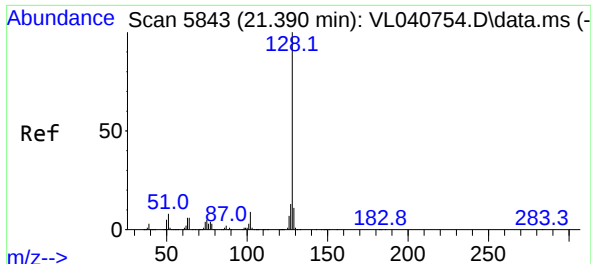
Tgt Ion:146 Resp: 42309
Ion Ratio Lower Upper
146 100
111 88.2 22.9 68.8#
148 112.7 32.3 96.8#



#78
Hexachloro-1,3-Butadiene
Concen: 0.296 ppbv
RT: 22.603 min Scan# 6220
Delta R.T. -0.038 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

Tgt Ion:225 Resp: 33818
Ion Ratio Lower Upper
225 100
223 0.0 50.7 76.1#
227 0.0 51.4 77.0#

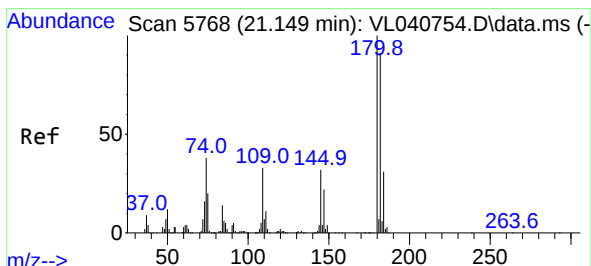
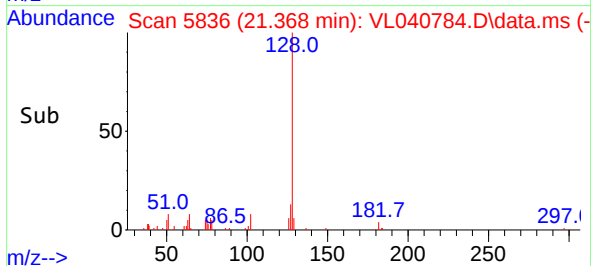
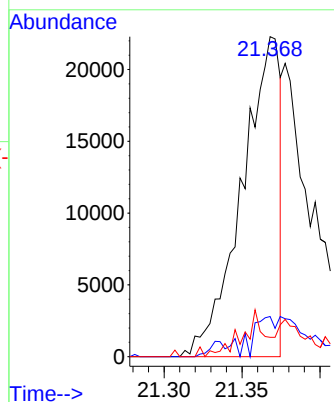
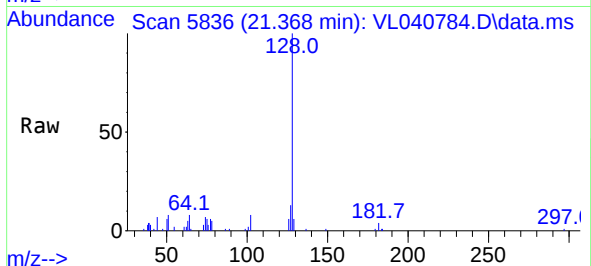




#79
Naphthalene
Concen: 0.178 ppbv
RT: 21.368 min Scan# 5836
Delta R.T. -0.022 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:128 Resp: 37875
Ion Ratio Lower Upper
128 100
127 12.5 10.6 15.8
129 6.1 9.0 13.4#



#81
1,2,4-Trichlorobenzene
Concen: 0.134 ppbv
RT: 21.114 min Scan# 5757
Delta R.T. -0.035 min
Lab File: VL040784.D
Acq: 23 Oct 2023 18:36

Tgt Ion:180 Resp: 15476
Ion Ratio Lower Upper
180 100
182 0.0 77.9 116.9#
184 0.0 25.0 37.6#

