

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071023\
 Data File : VL040508.D
 Acq On : 10 Jul 2023 13:08
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Quant Time: Jul 11 02:13:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1084217	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2961852	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2709260	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	2096547	9.778	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.739	85	224854	1.037	ppbv	94
3) Chlorodifluoromethane	2.681	51	181737	1.058	ppbv	99
4) Chloromethane	2.816	50	73924	1.086	ppbv	93
5) Vinyl Chloride	2.925	62	73103	1.023	ppbv	89
6) Bromomethane	3.124	94	31040	1.029	ppbv	94
7) Chloroethane	3.202	64	27049	1.078	ppbv	91
8) Dichlorotetrafluoroethane	2.864	85	190092	1.065	ppbv	99
9) Propene	2.700	41	63053	1.072	ppbv	98
10) Heptane	7.587	43	134355	1.034	ppbv	98
11) Trichlorofluoromethane	3.571	101	179692	1.027	ppbv	94
12) 1,1,2-Trichlorotrifluo...	4.070	101	127524	1.035	ppbv	98
13) Ethanol	3.259	45	11107	0.868	ppbv #	54
14) Bromoethene	3.372	108	53951	1.018	ppbv	99
15) Acetone	3.481	43	129125	1.035	ppbv	96
16) 1,3-Butadiene	2.993	39	56859	0.903	ppbv	87
17) tert-Butyl alcohol	3.893	59	145021	1.123	ppbv	98
18) 1,1-Dichloroethene	3.883	96	56442	0.996	ppbv	95
19) Isopropyl Alcohol	3.591	45	81479	1.137	ppbv #	94
20) Methylene Chloride	3.944	84	55631	1.048	ppbv	92
21) Allyl Chloride	4.005	41	71904	1.009	ppbv	94
22) trans-1,2-Dichloroethene	4.452	96	52464	0.939	ppbv	93
23) Vinyl Acetate	4.639	43	116642	0.981	ppbv	99
24) 1,1-Dichloroethane	4.568	63	127940	1.060	ppbv	98
25) Ethyl Acetate	5.218	43	247635	1.042	ppbv	98
26) Hexane	5.221	57	120569	1.092	ppbv	97
27) Carbon Disulfide	4.131	76	125540	0.967	ppbv #	84
28) Methyl tert-Butyl Ether	4.600	73	95326	1.073	ppbv	100
29) Chloroform	5.282	83	195759	1.069	ppbv	92
30) Cyclohexane	6.613	84	90485	0.985	ppbv	92
31) cis-1,2-Dichloroethene	5.089	61	109425	1.003	ppbv	98
32) 1,1,1-Trichloroethane	6.009	97	184896	1.032	ppbv	98
34) 2-Butanone	4.803	43	148803	1.017	ppbv	100
35) Carbon Tetrachloride	6.504	117	179422	1.007	ppbv	95
36) Benzene	6.378	78	242524	1.018	ppbv	98
37) 1,2-Dichloroethane	5.816	62	139361	0.994	ppbv	99
38) Trichloroethene	7.298	130	55182	0.612	ppbv	93
39) 1,2-Dichloropropane	7.079	63	91869	1.001	ppbv	95
40) 1,4-Dioxane	7.320	88	27659	0.964	ppbv #	1
41) Tetrahydrofuran	5.581	42	84254	0.987	ppbv	99
42) Bromodichloromethane	7.259	83	194429	0.997	ppbv #	99
43) Methyl Methacrylate	7.484	69	84127	0.943	ppbv	94
44) 2,2,4-Trimethylpentane	7.336	57	393117	1.025	ppbv	97
45) t-1,3-Dichloropropene	8.761	75	1775	0.031	ppbv	92

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 Data File : VL040508.D
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Quant Time: Jul 11 02:13:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

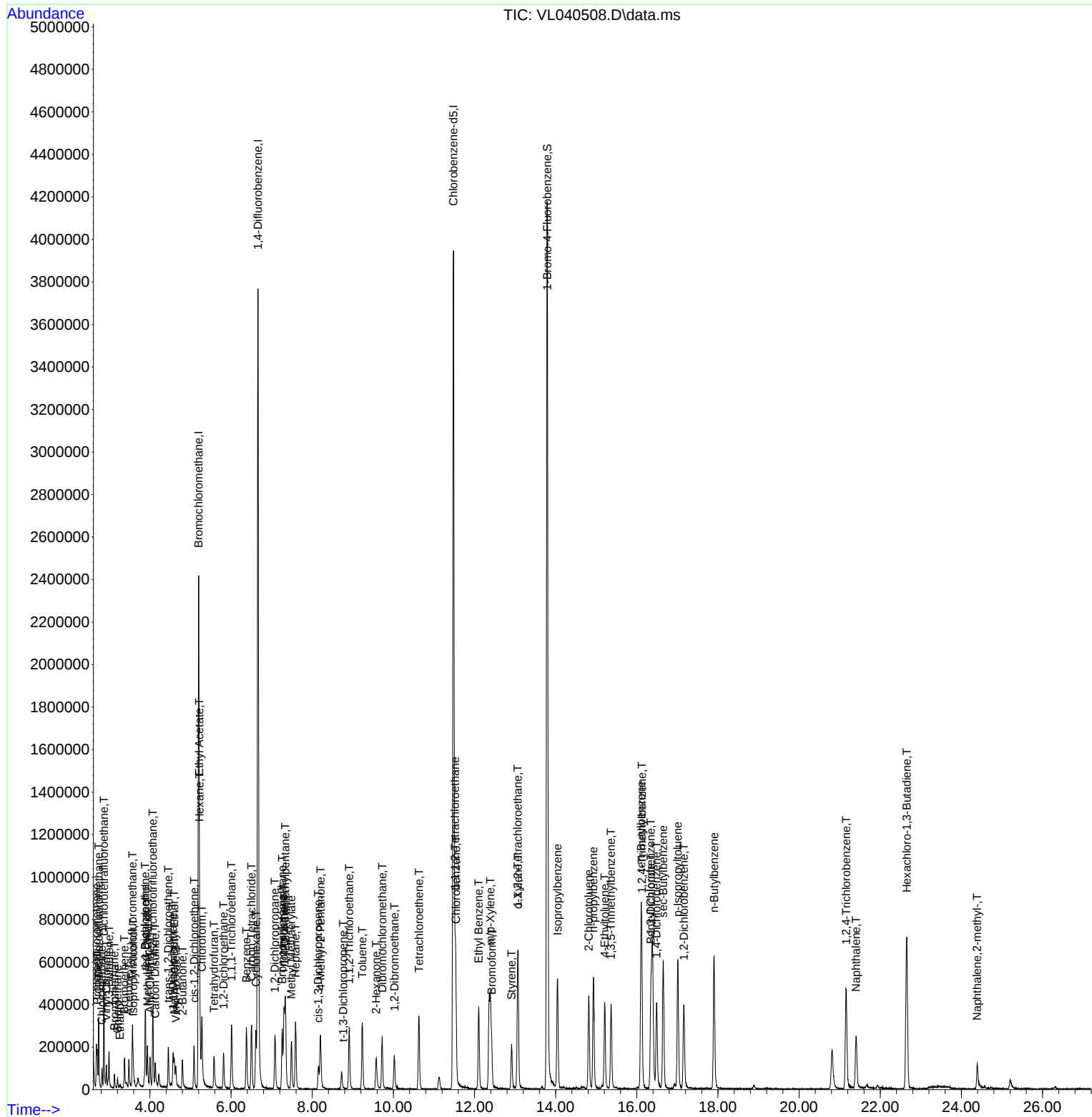
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	41867	0.570	ppbv	93
47) 1,1,2-Trichloroethane	8.909	97	100286	0.991	ppbv	92
48) Dibromochloromethane	9.725	129	146268	0.935	ppbv	99
49) Bromoform	12.426	173	56227	0.453	ppbv #	28
50) 4-Methyl-2-Pentanone	8.205	43	210790	0.991	ppbv	96
51) 2-Hexanone	9.578	43	136740	0.909	ppbv #	95
52) Tetrachloroethene	10.632	164	81518	1.056	ppbv	90
53) Toluene	9.234	91	259538	1.003	ppbv	98
54) 1,2-Dibromoethane	10.024	107	125531	0.998	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.523	131	123960	1.022	ppbv #	1
57) Chlorobenzene	11.542	112	227353	1.076	ppbv	94
58) Ethyl Benzene	12.102	91	344278	1.013	ppbv	92
59) m/p-Xylene	12.388	91	228438	0.753	ppbv #	1
60) o-Xylene	13.073	91	299340	1.035	ppbv	98
61) Styrene	12.912	104	123579	0.927	ppbv	99
62) Isopropylbenzene	14.044	105	452503	1.044	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.066	83	217782	1.076	ppbv	100
64) n-propylbenzene	14.931	120	114169	1.018	ppbv	83
65) tert-Butylbenzene	16.105	119	394927	1.030	ppbv	94
66) Benzyl Chloride	16.343	91	11066	0.408	ppbv #	64
67) sec-Butylbenzene	16.648	105	588424	1.044	ppbv	98
69) p-Isopropyltoluene	17.008	119	484699	1.041	ppbv	98
70) n-Butylbenzene	17.905	91	542165	1.044	ppbv	97
71) 2-Chlorotoluene	14.815	91	340956	1.021	ppbv	98
72) 4-Ethyltoluene	15.208	105	335013	0.989	ppbv	99
73) 1,3,5-Trimethylbenzene	15.365	105	302642	1.013	ppbv	93
74) 1,2,4-Trimethylbenzene	16.124	105	364900	1.048	ppbv #	89
75) 1,3-Dichlorobenzene	16.346	146	214389	1.015	ppbv	97
76) 1,4-Dichlorobenzene	16.487	146	204095	0.986	ppbv	96
77) 1,2-Dichlorobenzene	17.159	146	215756	1.069	ppbv	99
78) Hexachloro-1,3-Butadiene	22.651	225	115795	0.611	ppbv #	43
79) Naphthalene	21.403	128	311068	1.056	ppbv	98
80) Naphthalene,2-methyl-	24.387	142	91803	0.756	ppbv	91
81) 1,2,4-Trichlorobenzene	21.159	180	200234	0.986	ppbv	98

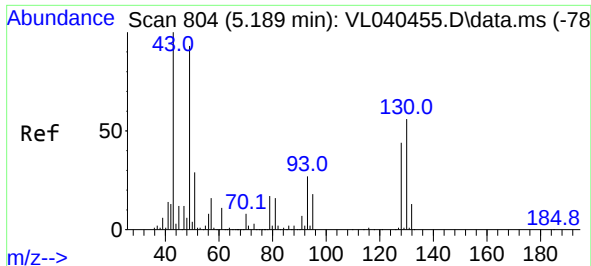
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071023\
Data File : VL040508.D
Acq On : 10 Jul 2023 13:08
Operator : SY/MD
Sample : VSTDIC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Quant Time: Jul 11 02:13:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
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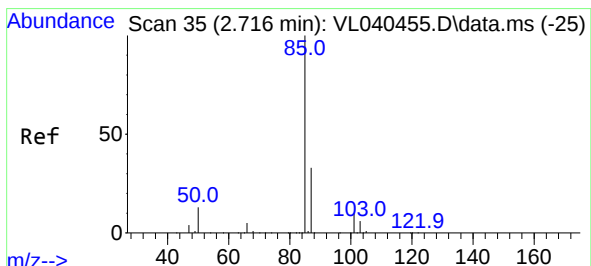
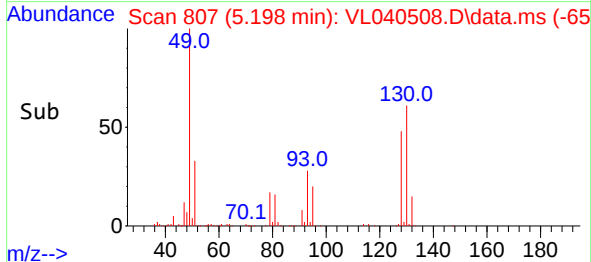
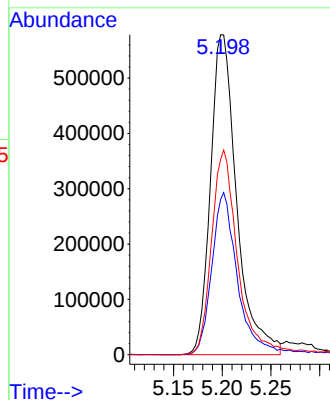
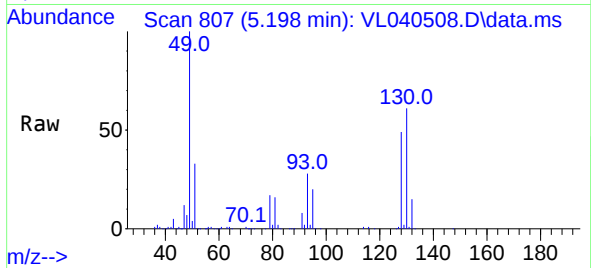




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. -0.004 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

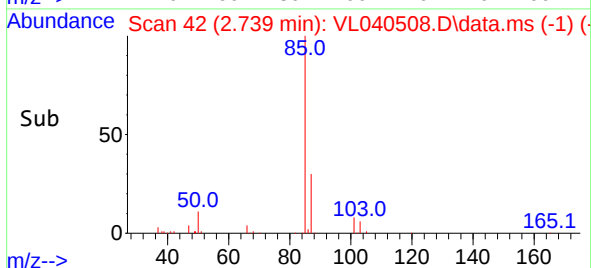
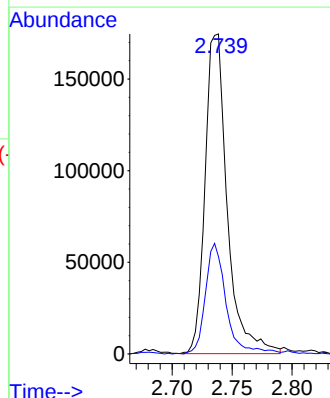
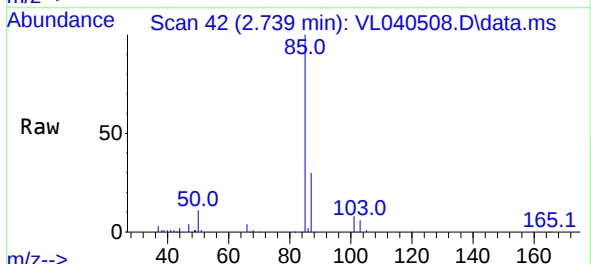
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

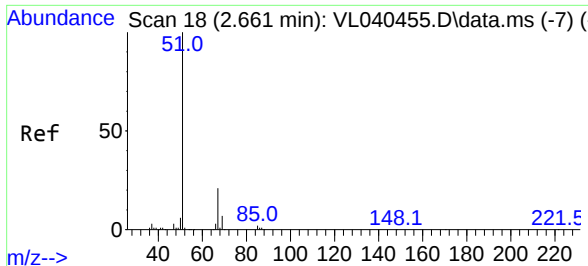
Tgt Ion: 49 Resp: 1084217
Ion Ratio Lower Upper
49 100
128 51.4 25.1 75.4
130 65.0 31.6 94.7



#2
Dichlorodifluoromethane
Concen: 1.037 ppbv
RT: 2.739 min Scan# 42
Delta R.T. 0.000 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Tgt Ion: 85 Resp: 224854
Ion Ratio Lower Upper
85 100
87 30.3 26.8 40.2

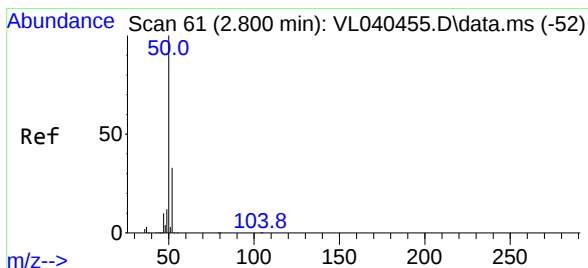
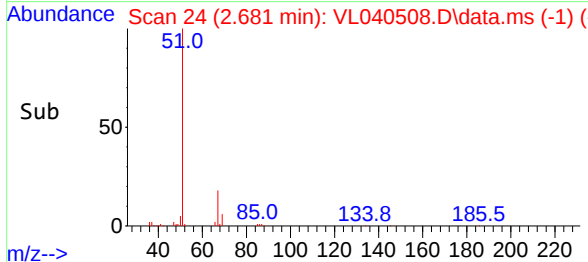
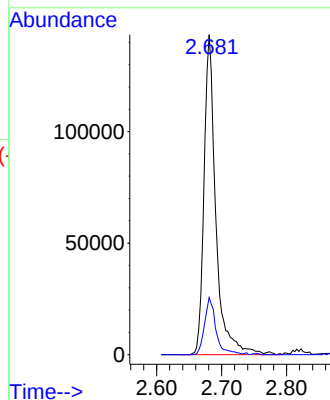
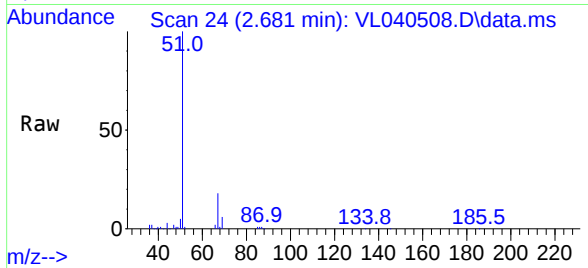




#3
Chlorodifluoromethane
Concen: 1.058 ppbv
RT: 2.681 min Scan# 24
Delta R.T. -0.003 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

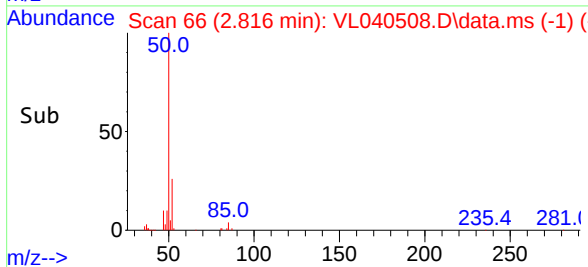
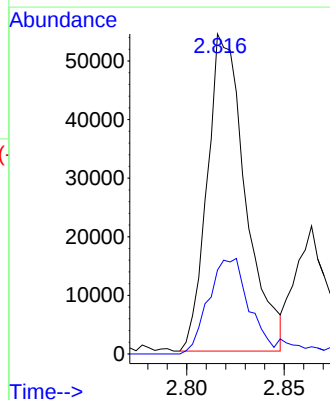
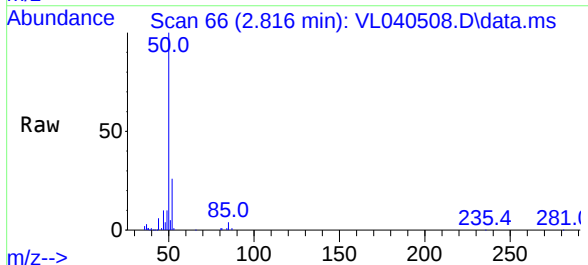
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 51 Resp: 181737
Ion Ratio Lower Upper
51 100
67 17.6 14.6 21.8

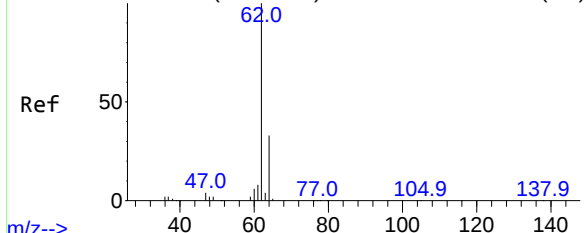


#4
Chloromethane
Concen: 1.086 ppbv
RT: 2.816 min Scan# 66
Delta R.T. -0.006 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Tgt Ion: 50 Resp: 73924
Ion Ratio Lower Upper
50 100
52 26.4 24.4 36.6



Abundance Scan 94 (2.906 min): VL040455.D\data.ms (-85)

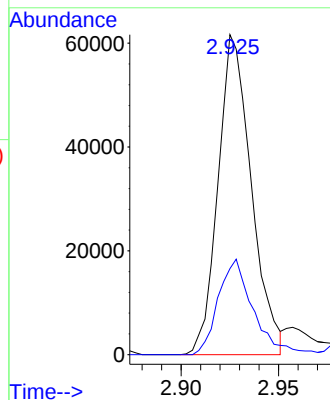
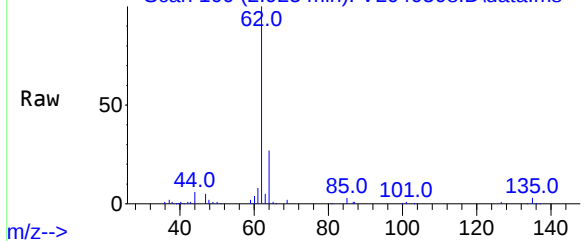


#5
Vinyl Chloride
Concen: 1.023 ppbv
RT: 2.925 min Scan# 100
Delta R.T. -0.003 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

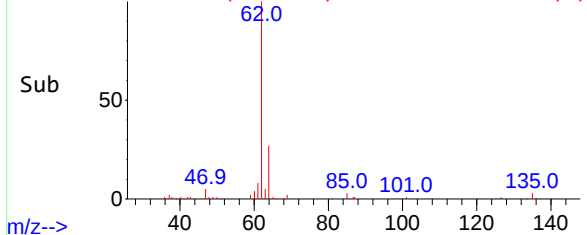
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 62 Resp: 73103
Ion Ratio Lower Upper
62 100
64 26.9 26.4 39.6

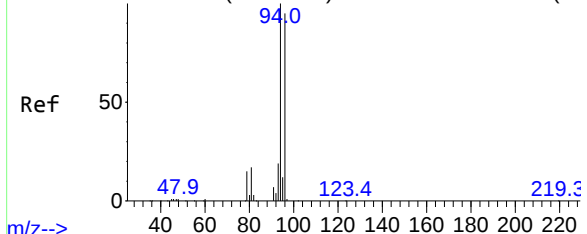
Abundance Scan 100 (2.925 min): VL040508.D\data.ms



Abundance Scan 100 (2.925 min): VL040508.D\data.ms (-1)



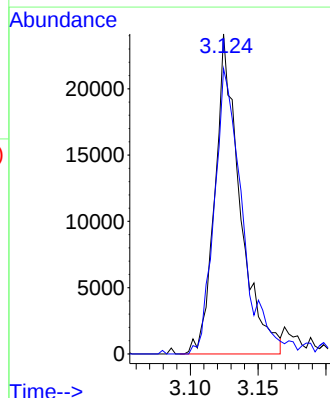
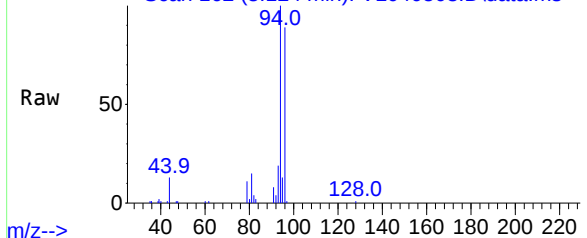
Abundance Scan 157 (3.108 min): VL040455.D\data.ms (-14)



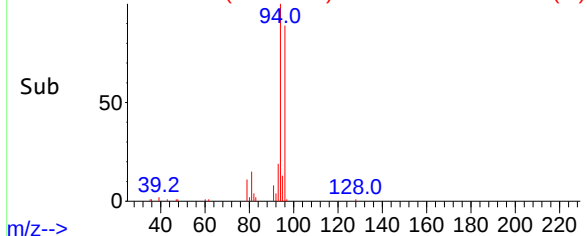
#6
Bromomethane
Concen: 1.029 ppbv
RT: 3.124 min Scan# 162
Delta R.T. -0.003 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

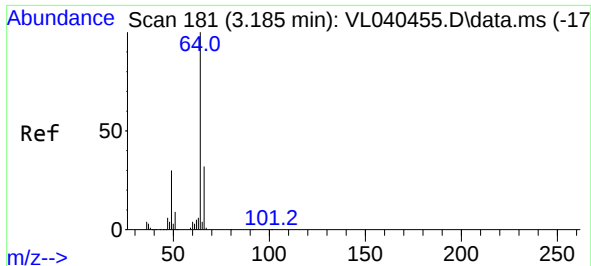
Tgt Ion: 94 Resp: 31040
Ion Ratio Lower Upper
94 100
96 89.2 75.7 113.5

Abundance Scan 162 (3.124 min): VL040508.D\data.ms



Abundance Scan 162 (3.124 min): VL040508.D\data.ms (-7)

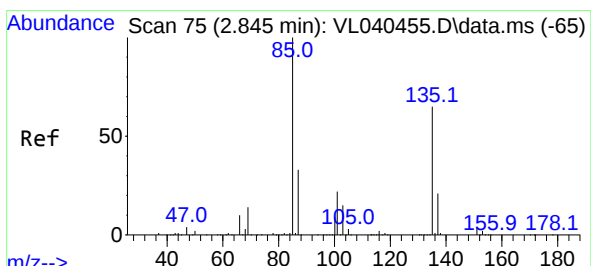
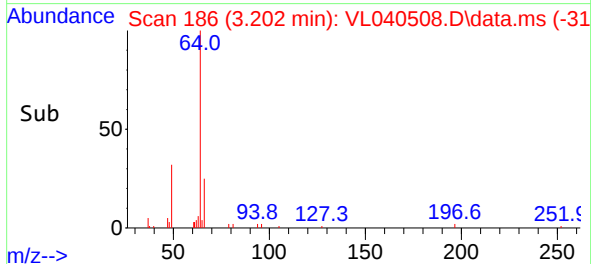
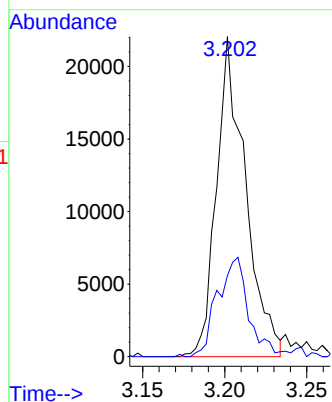
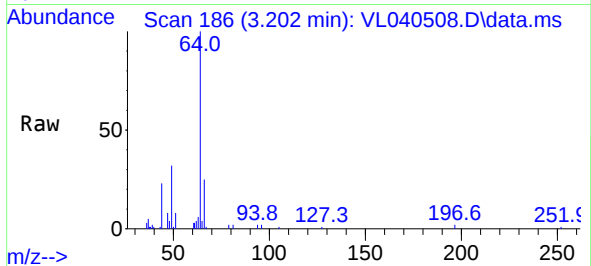




#7
Chloroethane
Concen: 1.078 ppbv
RT: 3.202 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

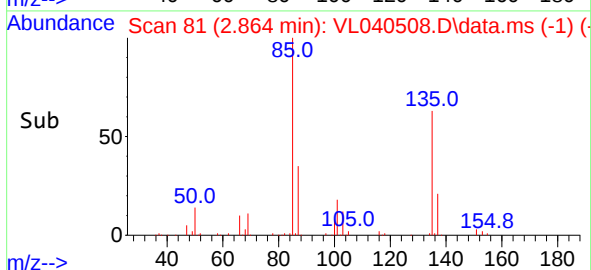
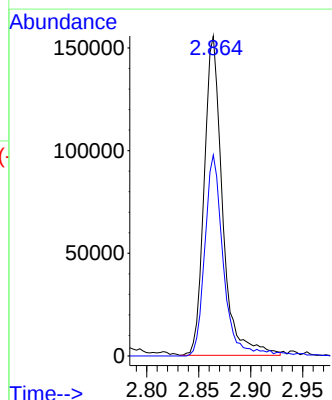
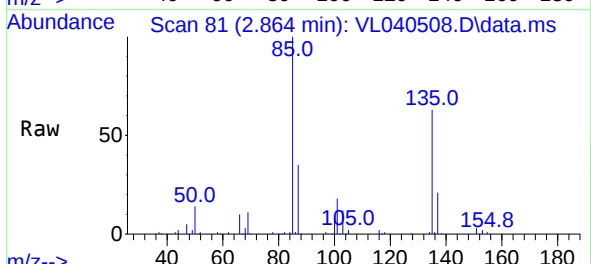
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 64 Resp: 27049
Ion Ratio Lower Upper
64 100
66 25.4 24.4 36.6

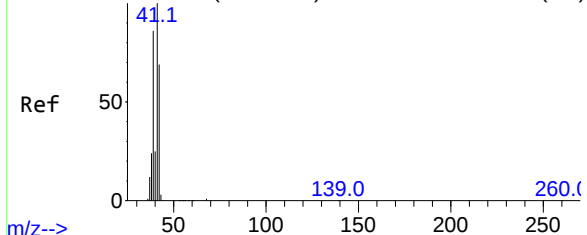


#8
Dichlorotetrafluoroethane
Concen: 1.065 ppbv
RT: 2.864 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Tgt Ion: 85 Resp: 190092
Ion Ratio Lower Upper
85 100
135 64.6 52.4 78.6



Abundance Scan 23 (2.677 min): VL040455.D\data.ms (-15)



#9

Propene

Concen: 1.072 ppbv

RT: 2.700 min Scan# 30

Delta R.T. -0.003 min

Lab File: VL040508.D

Acq: 10 Jul 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

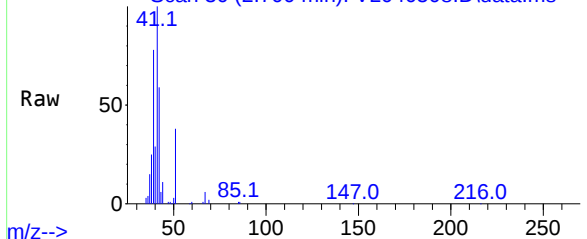
Tgt Ion: 41 Resp: 63053

Ion Ratio Lower Upper

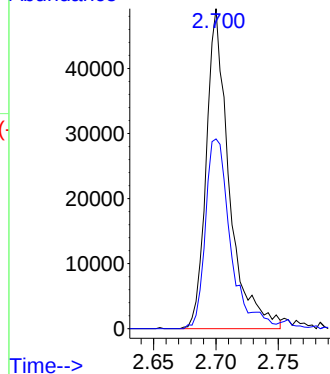
41 100

42 67.3 55.0 82.6

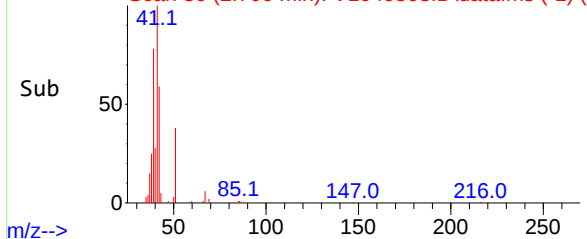
Abundance Scan 30 (2.700 min): VL040508.D\data.ms



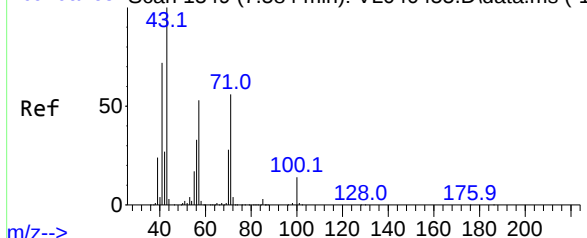
Abundance



Abundance Scan 30 (2.700 min): VL040508.D\data.ms (-1)



Abundance Scan 1549 (7.584 min): VL040455.D\data.ms (-1)



#10

Heptane

Concen: 1.034 ppbv

RT: 7.587 min Scan# 1550

Delta R.T. -0.003 min

Lab File: VL040508.D

Acq: 10 Jul 2023 13:08

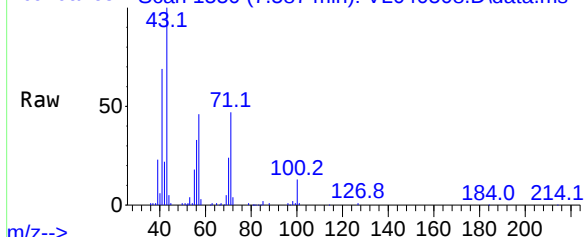
Tgt Ion: 43 Resp: 134355

Ion Ratio Lower Upper

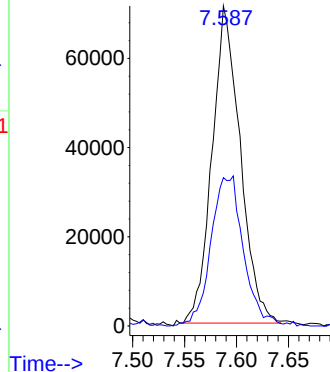
43 100

57 54.7 42.5 63.7

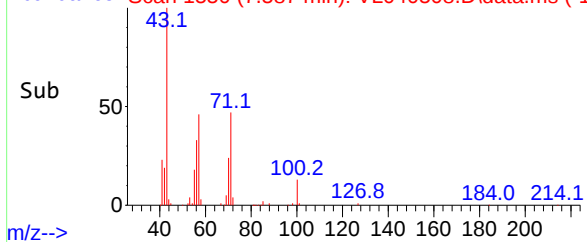
Abundance Scan 1550 (7.587 min): VL040508.D\data.ms

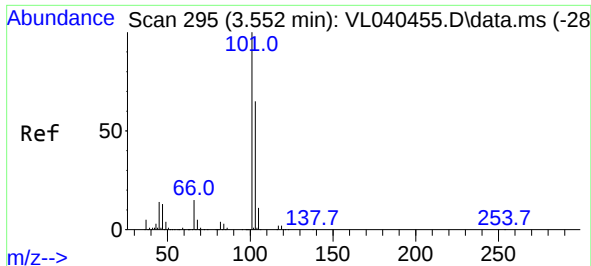


Abundance



Abundance Scan 1550 (7.587 min): VL040508.D\data.ms (-1)

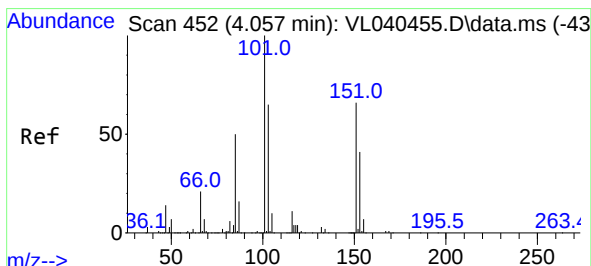
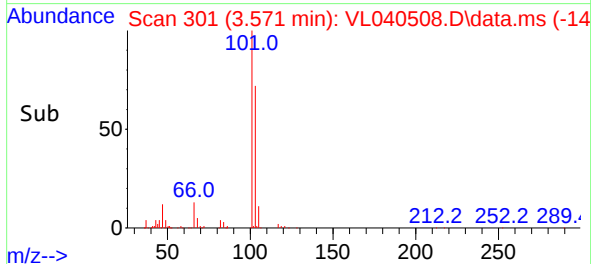
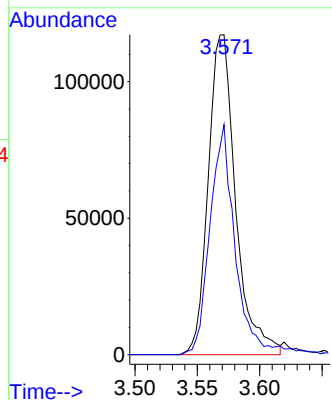
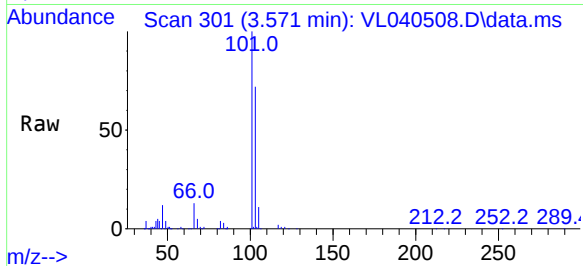




#11
 Trichlorofluoromethane
 Concen: 1.027 ppbv
 RT: 3.571 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VL040508.D
 Acq: 10 Jul 2023 13:08

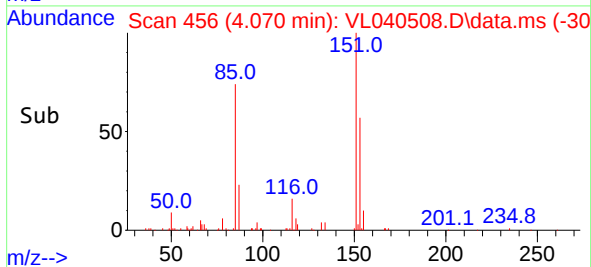
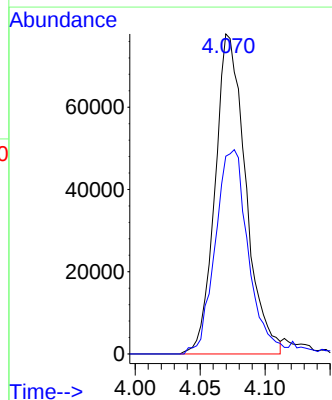
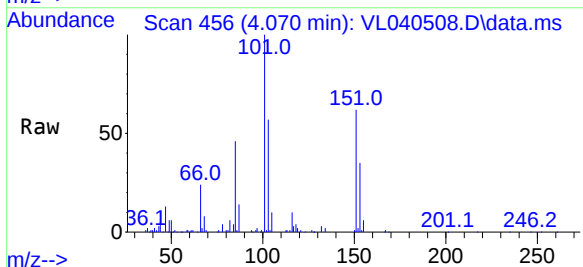
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

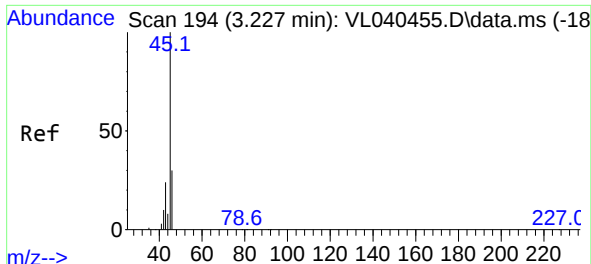
Tgt Ion:101 Resp: 179692
 Ion Ratio Lower Upper
 101 100
 103 71.9 53.4 80.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.035 ppbv
 RT: 4.070 min Scan# 456
 Delta R.T. -0.003 min
 Lab File: VL040508.D
 Acq: 10 Jul 2023 13:08

Tgt Ion:101 Resp: 127524
 Ion Ratio Lower Upper
 101 100
 151 71.1 58.2 87.4

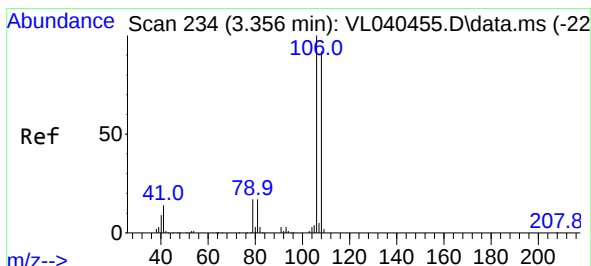
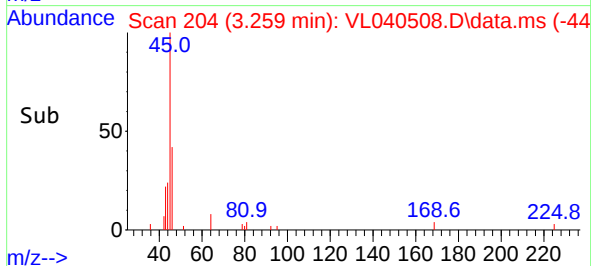
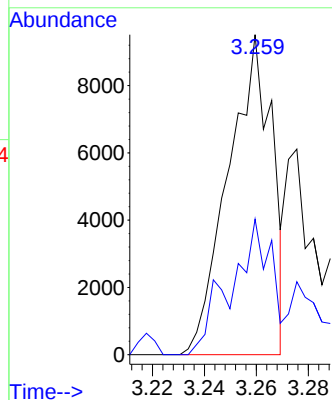
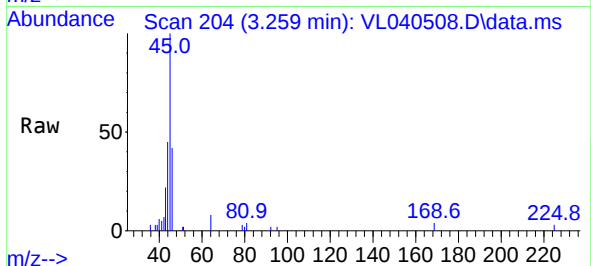




#13
Ethanol
Concen: 0.868 ppbv
RT: 3.259 min Scan# 204
Delta R.T. 0.013 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

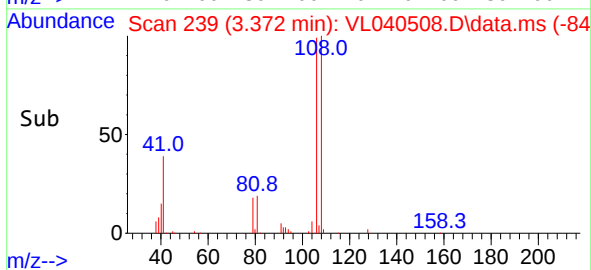
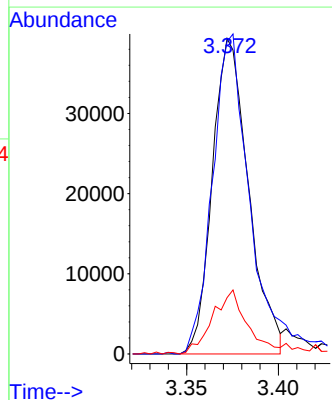
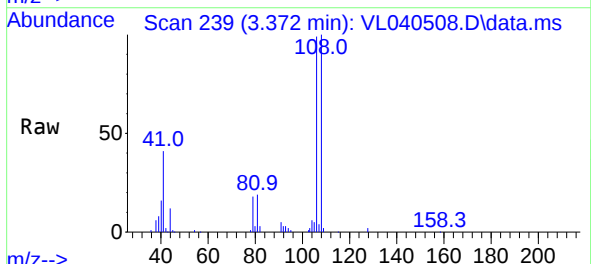
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

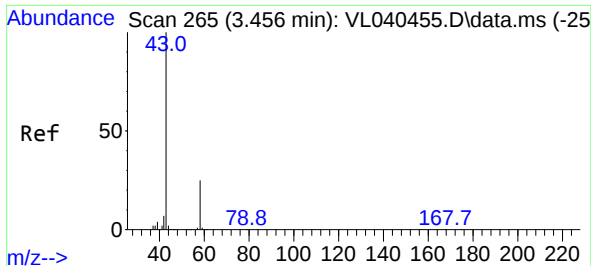
Tgt Ion: 45 Resp: 11107
Ion Ratio Lower Upper
45 100
46 66.1 15.3 61.1#



#14
Bromoethene
Concen: 1.018 ppbv
RT: 3.372 min Scan# 239
Delta R.T. -0.003 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Tgt Ion: 108 Resp: 53951
Ion Ratio Lower Upper
108 100
106 108.4 87.2 130.8
79 21.9 15.3 22.9

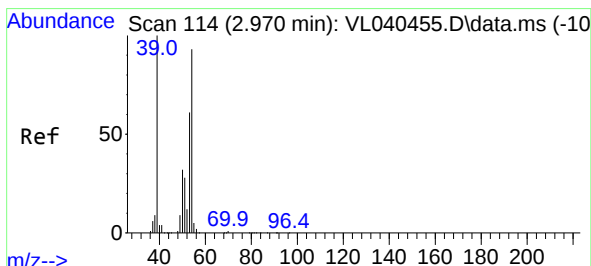
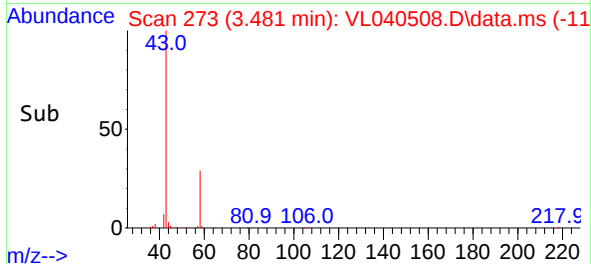
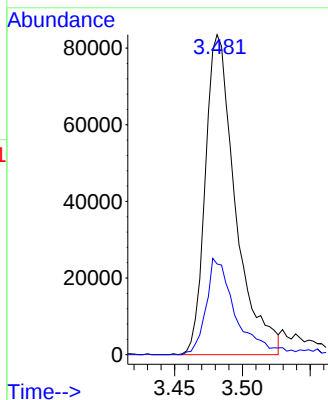
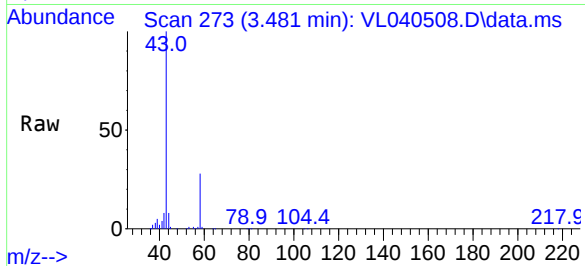




#15
Acetone
Concen: 1.035 ppbv
RT: 3.481 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

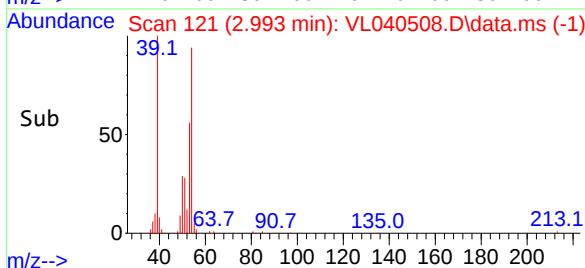
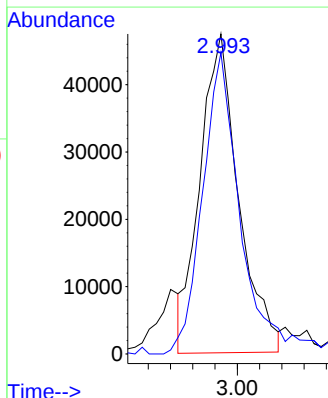
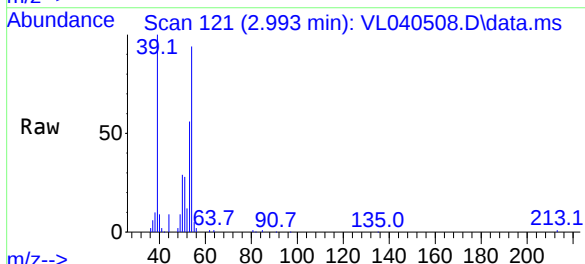
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

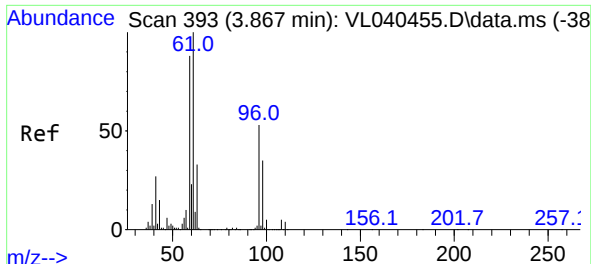
Tgt Ion: 43 Resp: 129125
Ion Ratio Lower Upper
43 100
58 30.6 22.9 34.3



#16
1,3-Butadiene
Concen: 0.903 ppbv
RT: 2.993 min Scan# 121
Delta R.T. 0.000 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Tgt Ion: 39 Resp: 56859
Ion Ratio Lower Upper
39 100
54 95.4 66.6 100.0

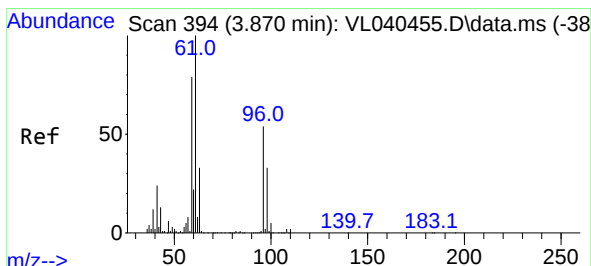
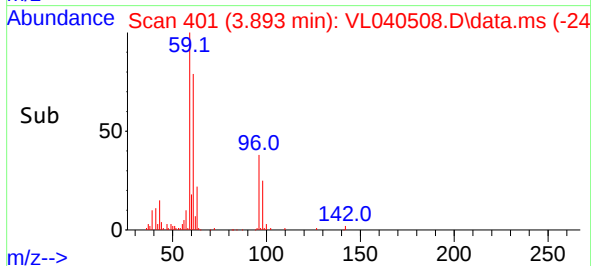
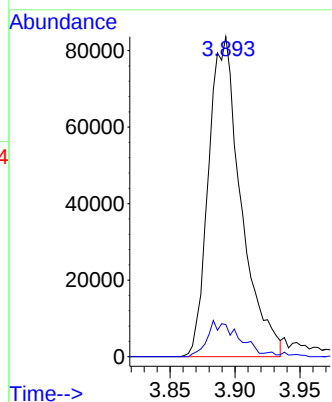
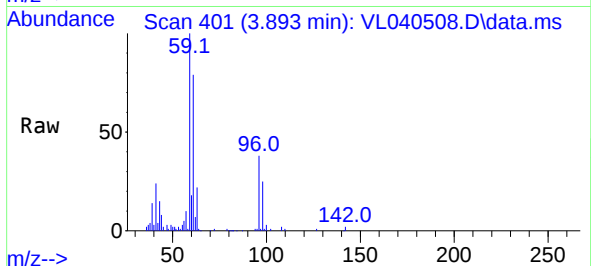




#17
tert-Butyl alcohol
Concen: 1.123 ppbv
RT: 3.893 min Scan# 401
Delta R.T. 0.010 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

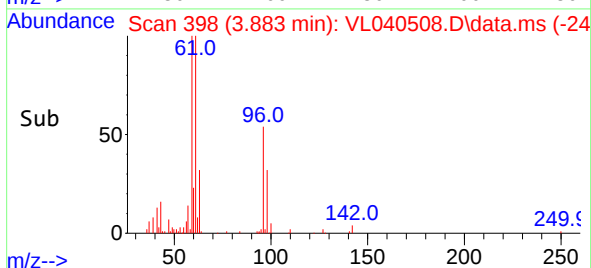
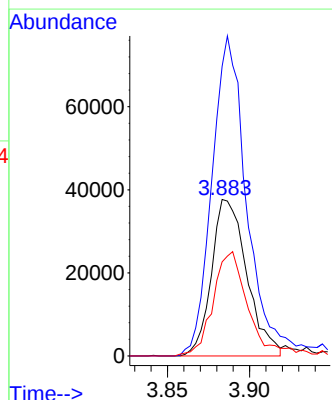
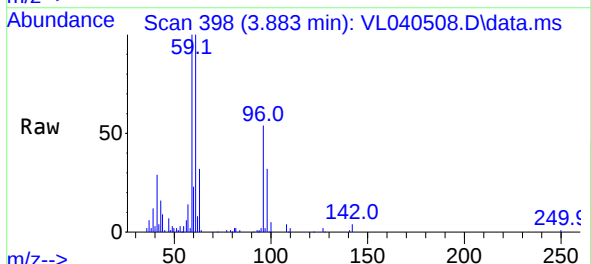
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

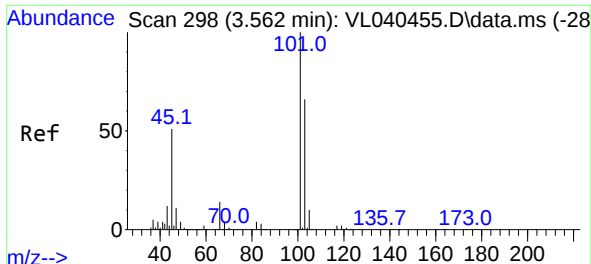
Tgt Ion: 59 Resp: 145021
Ion Ratio Lower Upper
59 100
57 11.5 8.7 13.1



#18
1,1-Dichloroethene
Concen: 0.996 ppbv
RT: 3.883 min Scan# 398
Delta R.T. -0.006 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Tgt Ion: 96 Resp: 56442
Ion Ratio Lower Upper
96 100
61 184.6 154.4 231.6
98 58.9 50.0 75.0

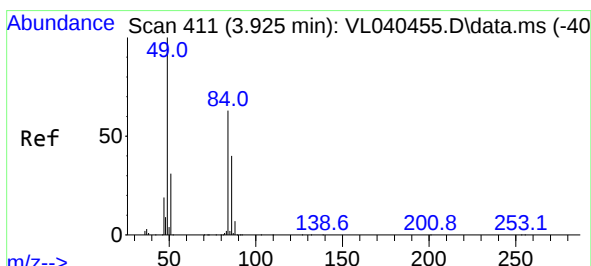
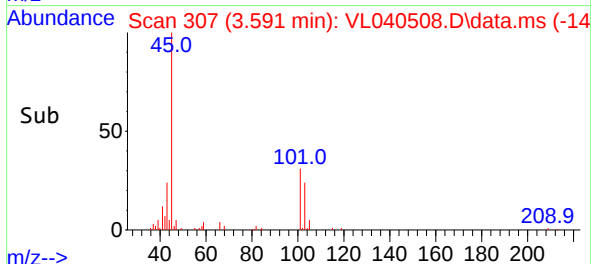
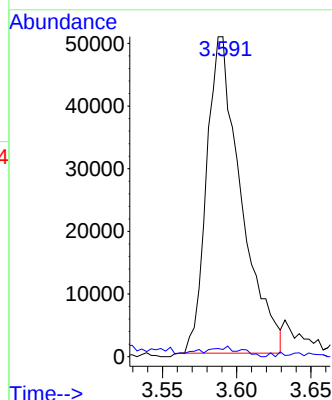
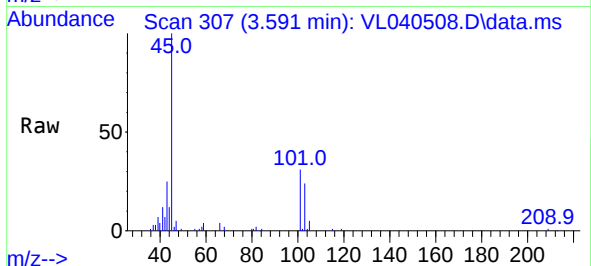




#19
Isopropyl Alcohol
Concen: 1.137 ppbv
RT: 3.591 min Scan# 307
Delta R.T. 0.010 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

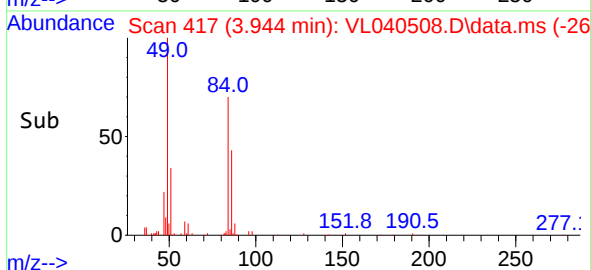
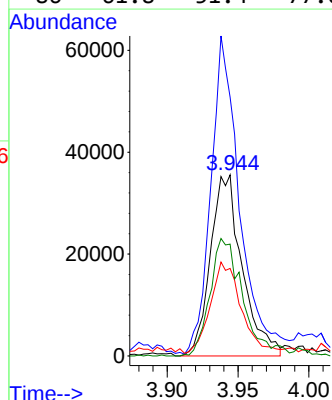
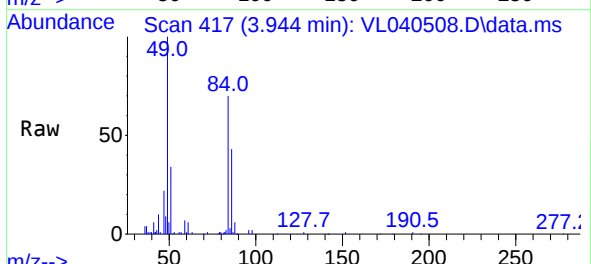
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

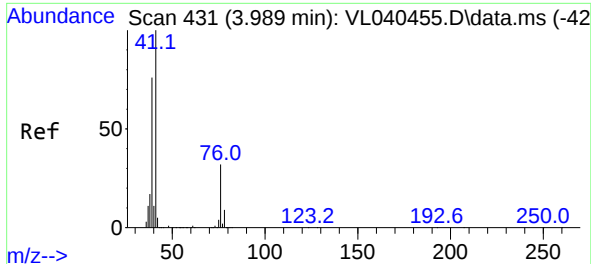
Tgt Ion: 45 Resp: 81479
Ion Ratio Lower Upper
45 100
58 3.6 1.1 1.7#



#20
Methylene Chloride
Concen: 1.048 ppbv
RT: 3.944 min Scan# 417
Delta R.T. 0.003 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Tgt Ion: 84 Resp: 55631
Ion Ratio Lower Upper
84 100
49 141.0 123.4 185.2
51 44.8 38.3 57.5
86 61.8 51.4 77.0





#21

Allyl Chloride

Concen: 1.009 ppbv

RT: 4.005 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL040508.D

Acq: 10 Jul 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

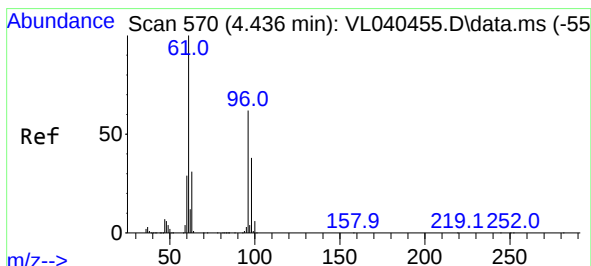
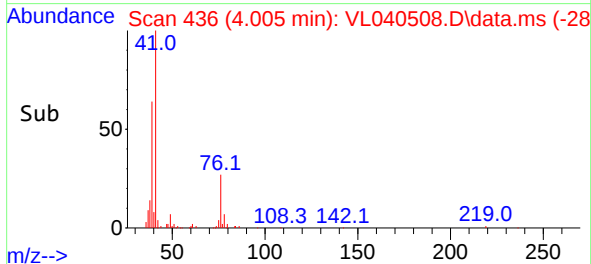
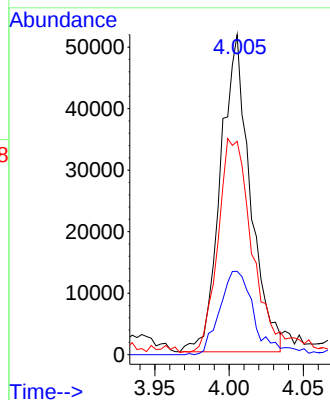
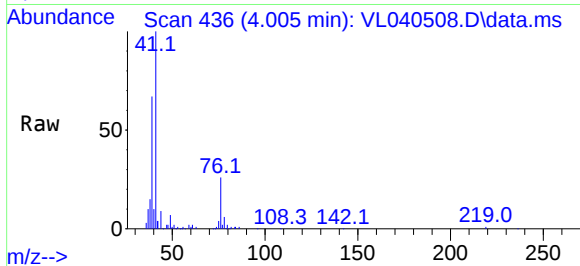
Tgt Ion: 41 Resp: 71904

Ion Ratio Lower Upper

41 100

76 31.0 24.8 37.2

39 82.6 60.6 91.0



#22

trans-1,2-Dichloroethene

Concen: 0.939 ppbv

RT: 4.452 min Scan# 575

Delta R.T. 0.000 min

Lab File: VL040508.D

Acq: 10 Jul 2023 13:08

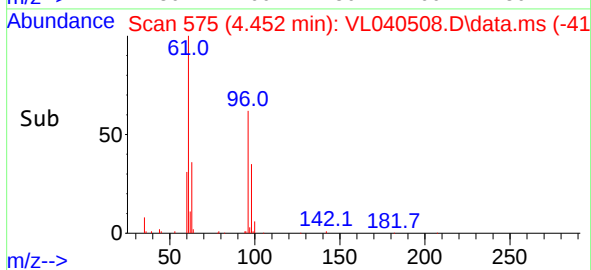
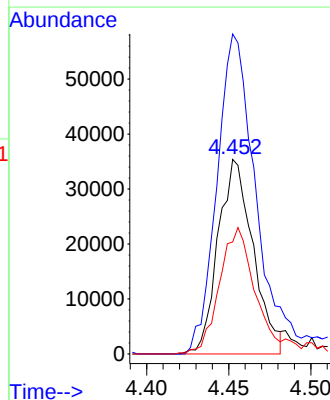
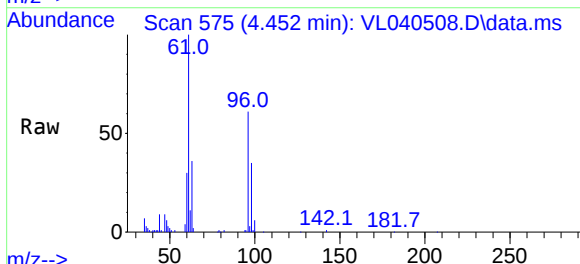
Tgt Ion: 96 Resp: 52464

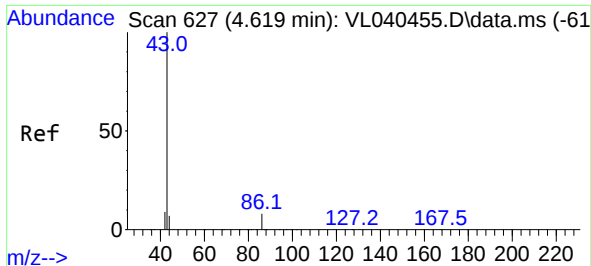
Ion Ratio Lower Upper

96 100

61 164.5 137.7 206.5

98 56.9 52.9 79.3



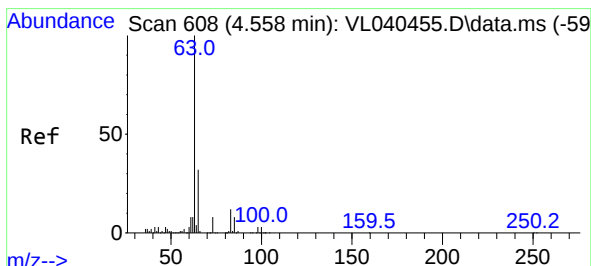
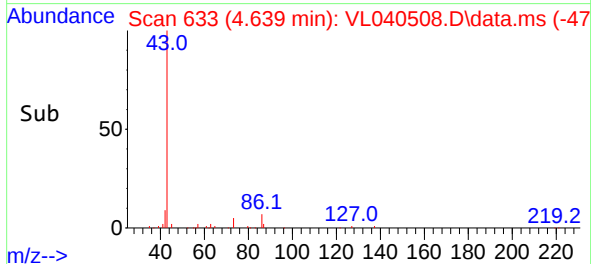
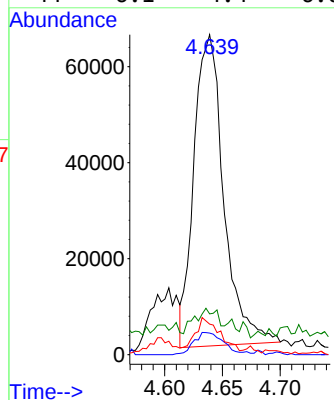
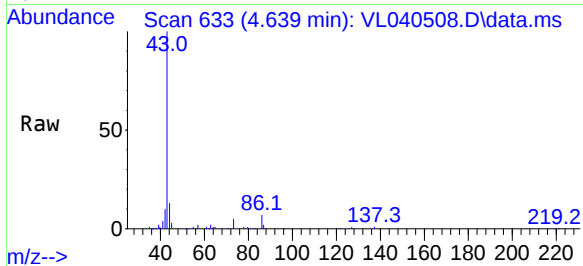


#23
 Vinyl Acetate
 Concen: 0.981 ppbv
 RT: 4.639 min Scan# 611
 Delta R.T. 0.003 min
 Lab File: VL040508.D
 Acq: 10 Jul 2023 13:08

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC001

Tgt Ion: 43 Resp: 116642

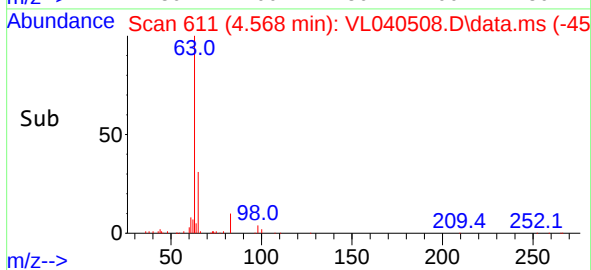
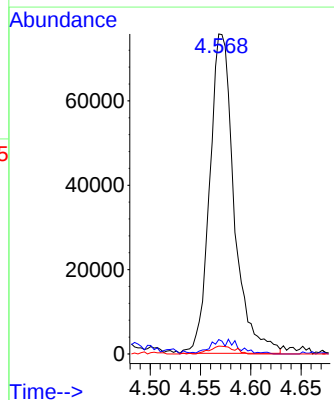
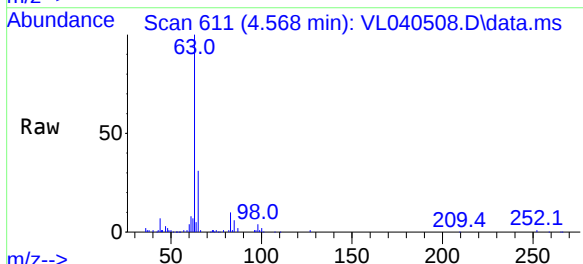
Ion	Ratio	Lower	Upper
43	100		
86	6.6	5.6	8.4
42	8.9	7.4	11.2
44	6.1	4.4	6.6

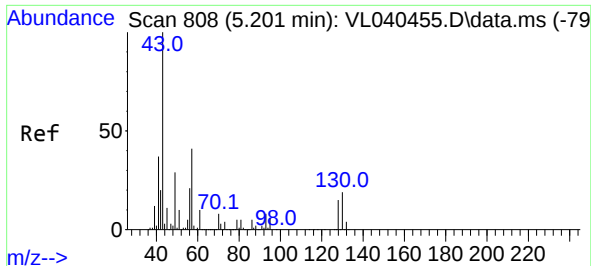


#24
 1,1-Dichloroethane
 Concen: 1.060 ppbv
 RT: 4.568 min Scan# 611
 Delta R.T. -0.003 min
 Lab File: VL040508.D
 Acq: 10 Jul 2023 13:08

Tgt Ion: 63 Resp: 127940

Ion	Ratio	Lower	Upper
63	100		
98	4.5	1.8	5.5
100	2.4	1.4	4.0





#25

Ethyl Acetate

Concen: 1.042 ppbv

RT: 5.218 min Scan# 813

Delta R.T. 0.006 min

Lab File: VL040508.D

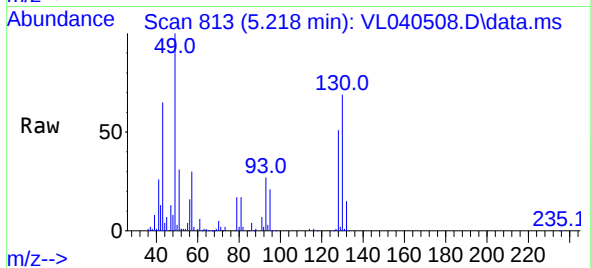
Acq: 10 Jul 2023 13:08

Instrument :

MSVOA_L

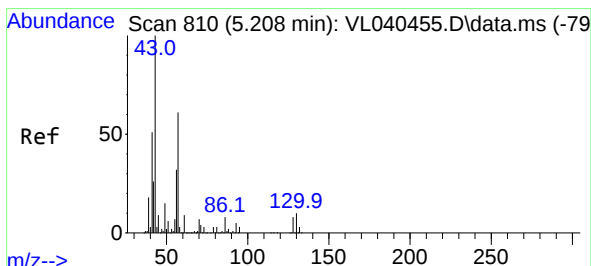
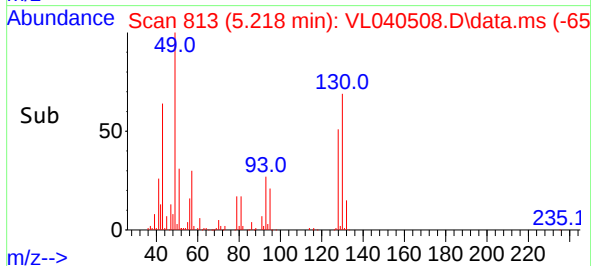
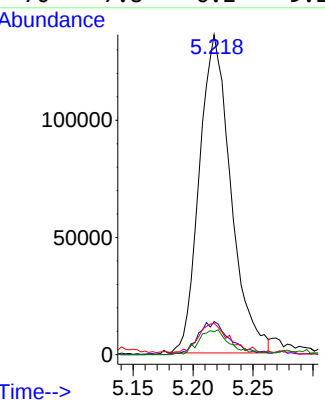
ClientSampleId :

VSTDICC001



Tgt Ion: 43 Resp: 247635

Ion	Ratio	Lower	Upper
43	100		
45	10.8	8.2	12.4
61	11.6	8.3	12.5
70	7.8	6.2	9.2



#26

Hexane

Concen: 1.092 ppbv

RT: 5.221 min Scan# 814

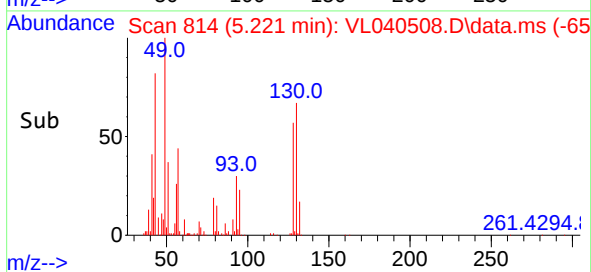
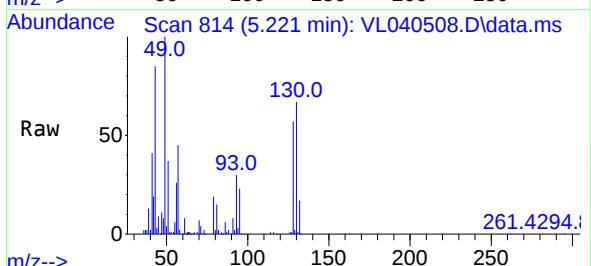
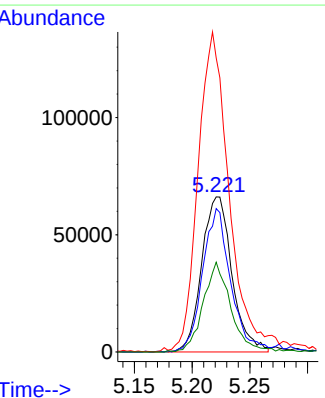
Delta R.T. 0.000 min

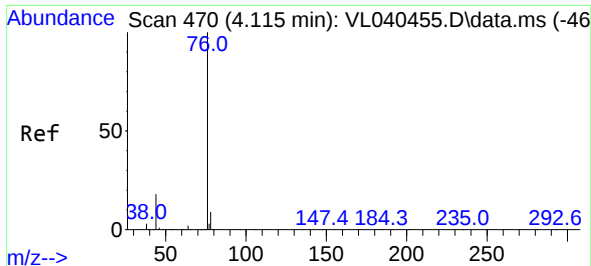
Lab File: VL040508.D

Acq: 10 Jul 2023 13:08

Tgt Ion: 57 Resp: 120569

Ion	Ratio	Lower	Upper
57	100		
41	89.6	69.5	104.3
43	217.0	177.1	265.7
56	53.9	42.3	63.5

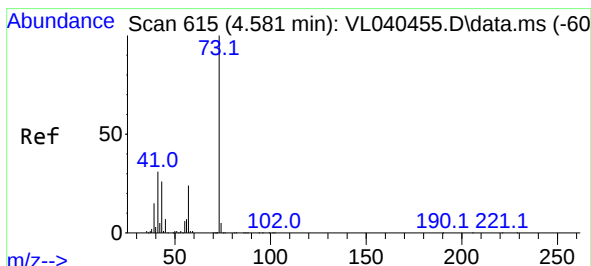
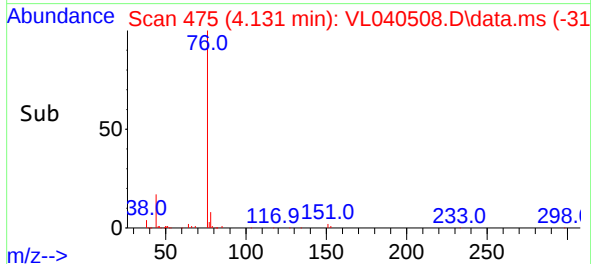
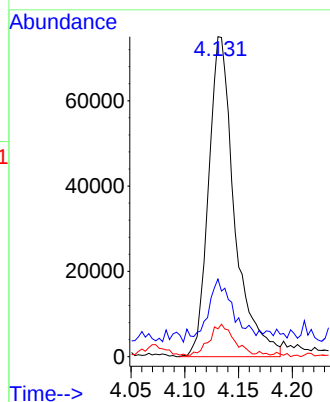
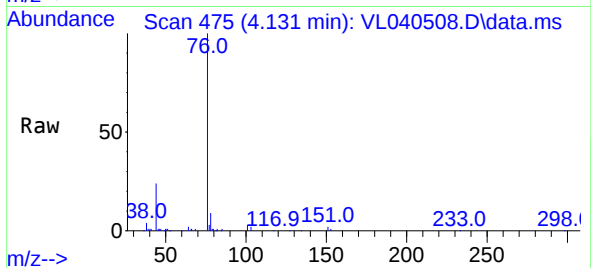




#27
Carbon Disulfide
Concen: 0.967 ppbv
RT: 4.131 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

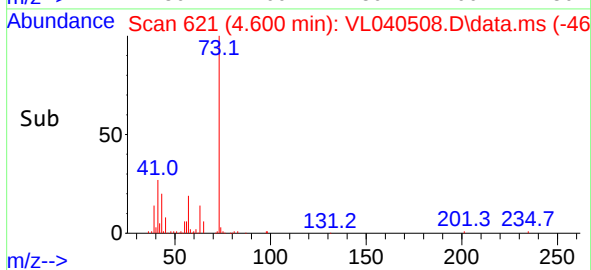
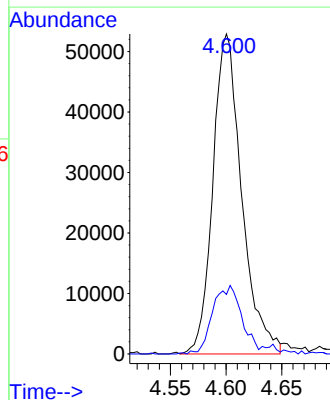
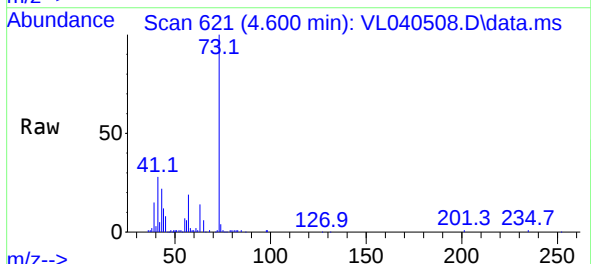
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

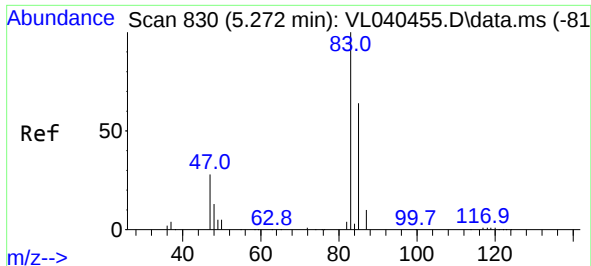
Tgt Ion: 76 Resp: 125540
Ion Ratio Lower Upper
76 100
44 28.8 15.1 22.7#
78 11.1 7.5 11.3



#28
Methyl tert-Butyl Ether
Concen: 1.073 ppbv
RT: 4.600 min Scan# 621
Delta R.T. 0.006 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Tgt Ion: 73 Resp: 95326
Ion Ratio Lower Upper
73 100
57 23.5 18.8 28.2

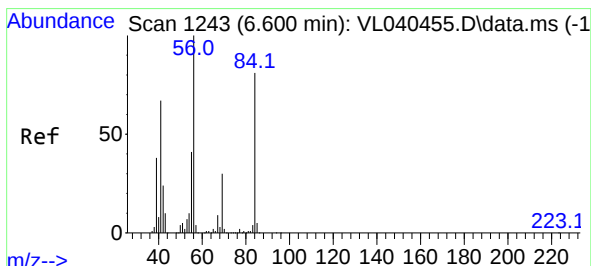
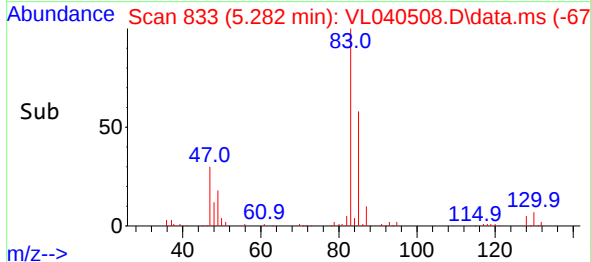
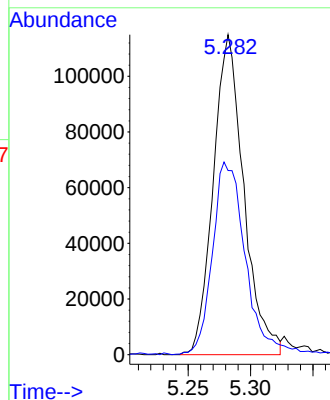
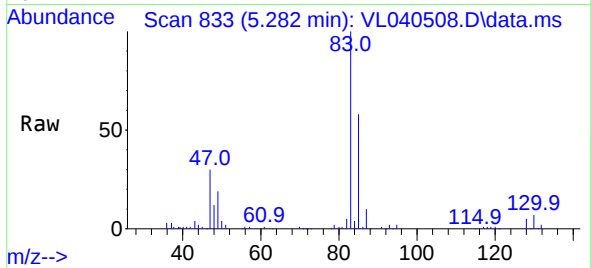




#29
Chloroform
Concen: 1.069 ppbv
RT: 5.282 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

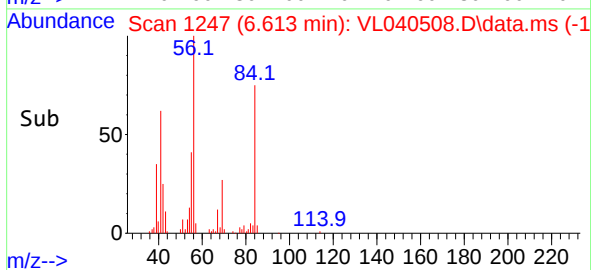
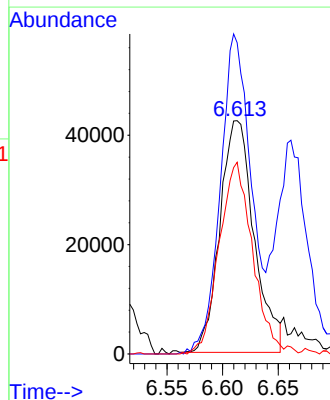
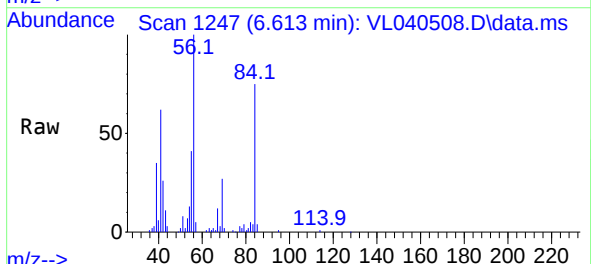
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

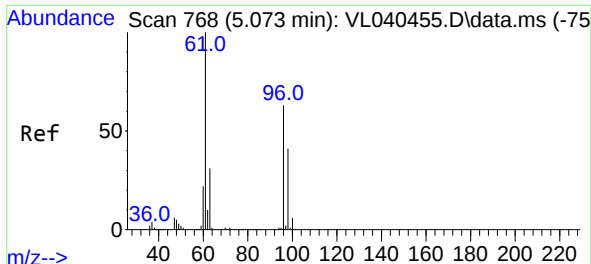
Tgt Ion: 83 Resp: 195759
Ion Ratio Lower Upper
83 100
85 57.3 51.1 76.7



#30
Cyclohexane
Concen: 0.985 ppbv
RT: 6.613 min Scan# 1247
Delta R.T. 0.003 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Tgt Ion: 84 Resp: 90485
Ion Ratio Lower Upper
84 100
56 121.3 108.7 163.1
41 82.2 64.5 96.7

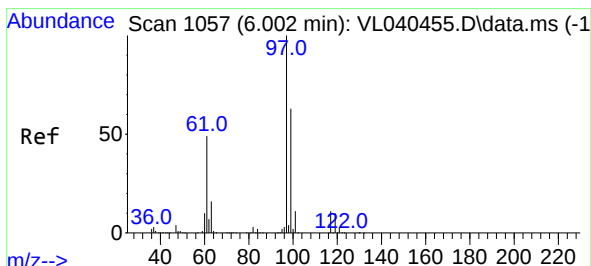
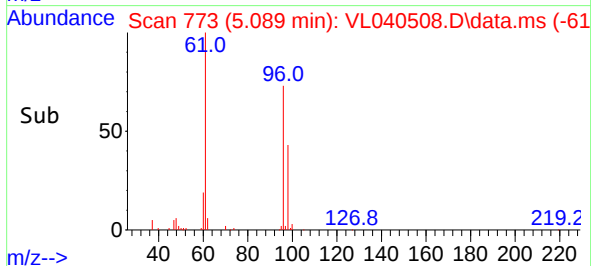
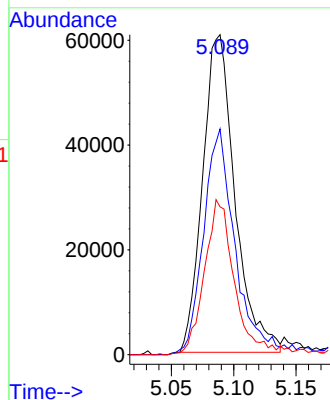
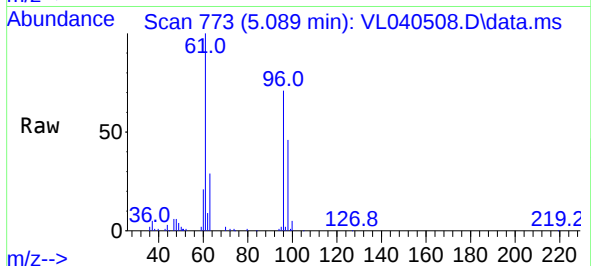




#31
 cis-1,2-Dichloroethene
 Concen: 1.003 ppbv
 RT: 5.089 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL040508.D
 Acq: 10 Jul 2023 13:08

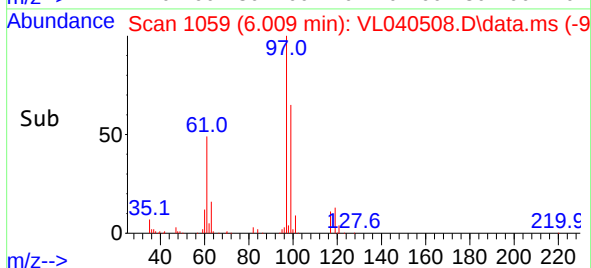
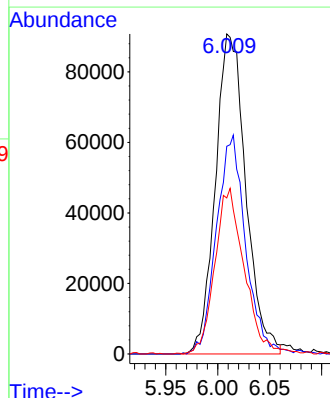
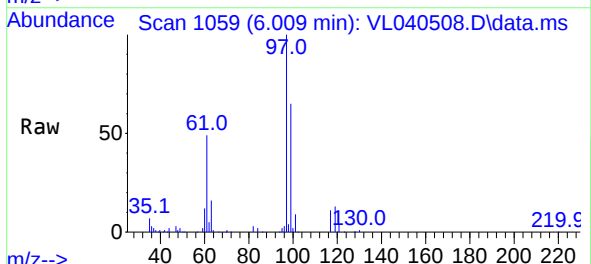
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC001

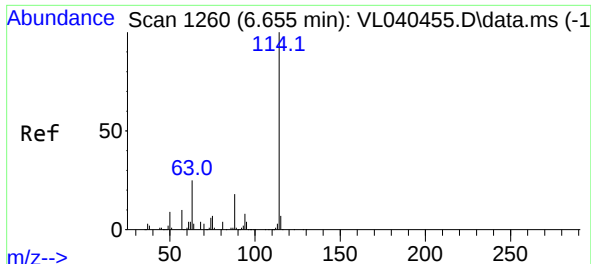
Tgt Ion: 61 Resp: 109425
 Ion Ratio Lower Upper
 61 100
 96 69.5 54.7 82.1
 98 46.0 34.6 52.0



#32
 1,1,1-Trichloroethane
 Concen: 1.032 ppbv
 RT: 6.009 min Scan# 1059
 Delta R.T. -0.003 min
 Lab File: VL040508.D
 Acq: 10 Jul 2023 13:08

Tgt Ion: 97 Resp: 184896
 Ion Ratio Lower Upper
 97 100
 99 66.0 52.0 78.0
 61 50.4 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.664 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040508.D

Acq: 10 Jul 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

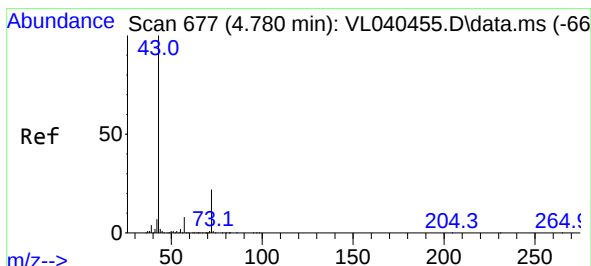
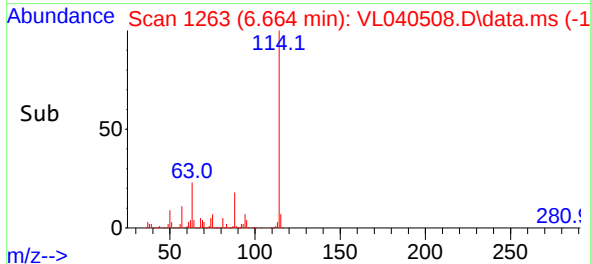
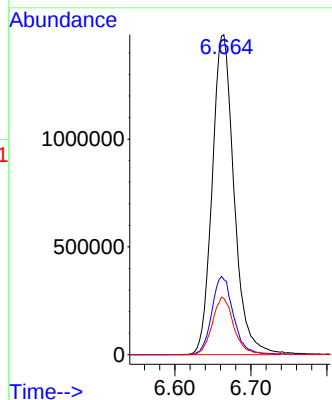
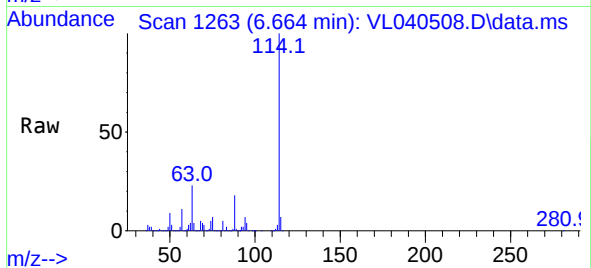
Tgt Ion:114 Resp: 2961852

Ion Ratio Lower Upper

114 100

63 24.6 19.6 29.4

88 17.8 14.2 21.2



#34

2-Butanone

Concen: 1.017 ppbv

RT: 4.803 min Scan# 684

Delta R.T. 0.010 min

Lab File: VL040508.D

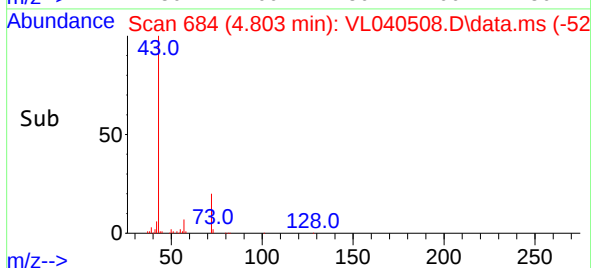
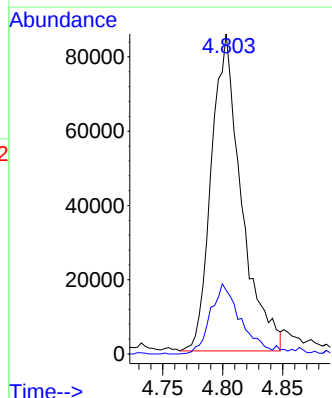
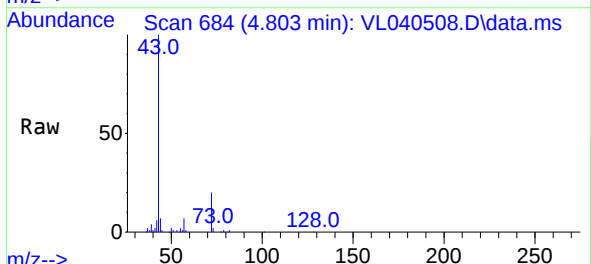
Acq: 10 Jul 2023 13:08

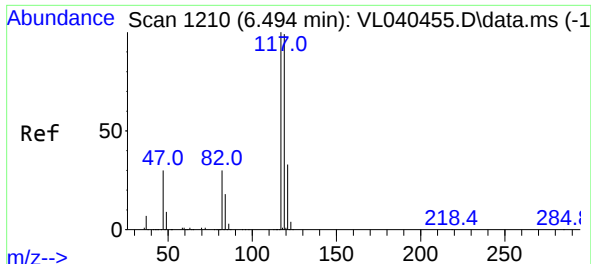
Tgt Ion: 43 Resp: 148803

Ion Ratio Lower Upper

43 100

72 23.9 19.1 28.7

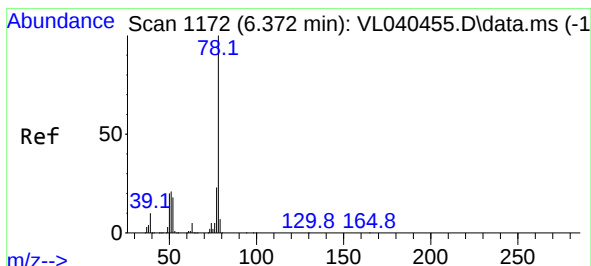
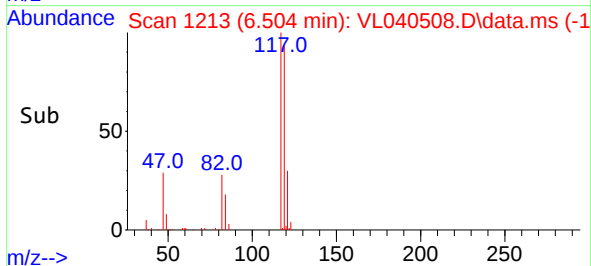
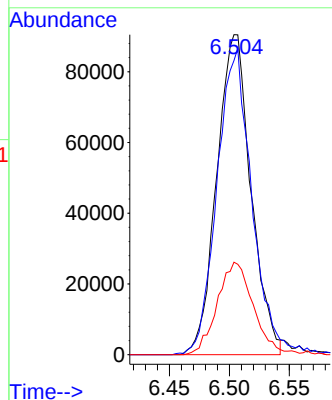
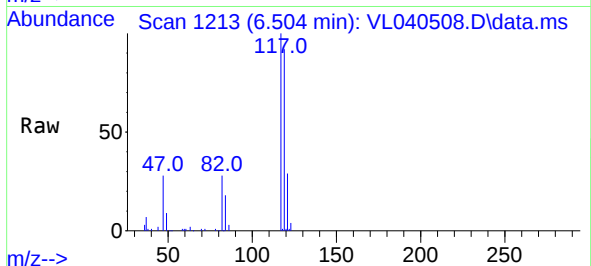




#35
Carbon Tetrachloride
Concen: 1.007 ppbv
RT: 6.504 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

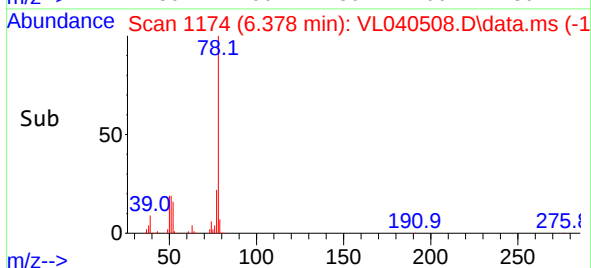
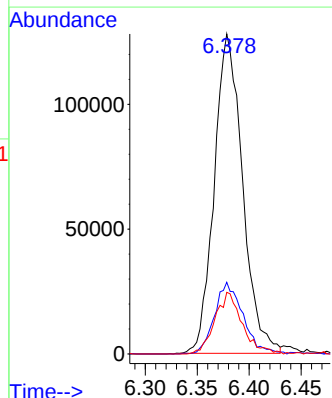
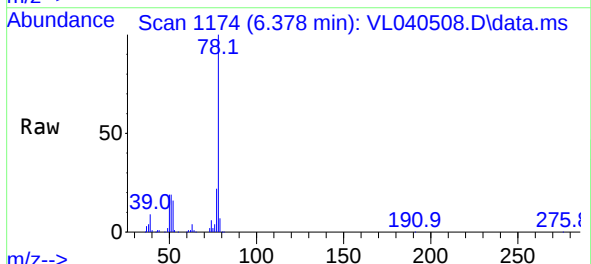
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

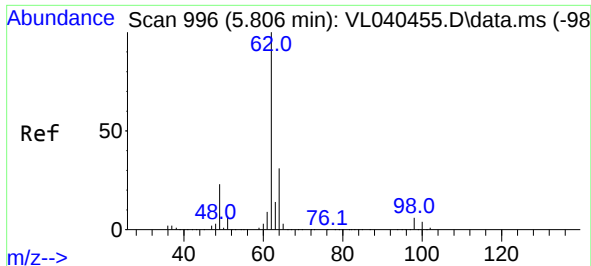
Tgt Ion:117 Resp: 179422
Ion Ratio Lower Upper
117 100
119 91.4 77.8 116.6
121 28.9 24.8 37.2



#36
Benzene
Concen: 1.018 ppbv
RT: 6.378 min Scan# 1174
Delta R.T. -0.003 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Tgt Ion: 78 Resp: 242524
Ion Ratio Lower Upper
78 100
77 22.4 17.4 26.0
50 19.3 14.4 21.6





#37

1,2-Dichloroethane

Concen: 0.994 ppbv

RT: 5.816 min Scan# 996

Delta R.T. 0.000 min

Lab File: VL040508.D

Acq: 10 Jul 2023 13:08

Instrument :

MSVOA_1

ClientSampleId :

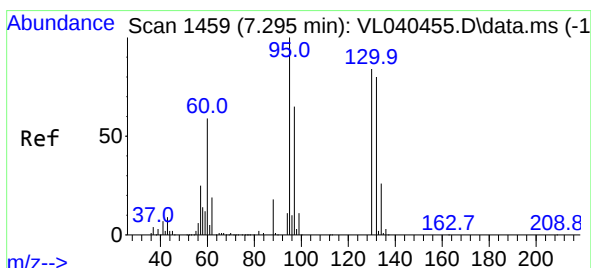
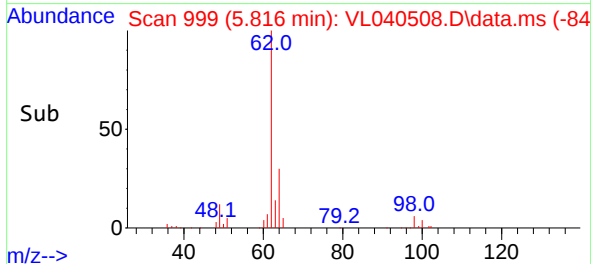
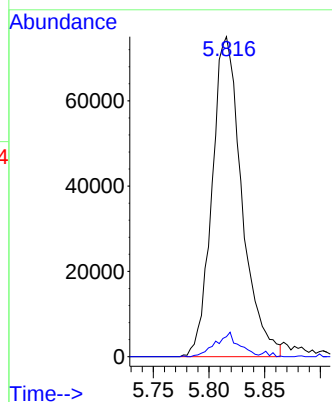
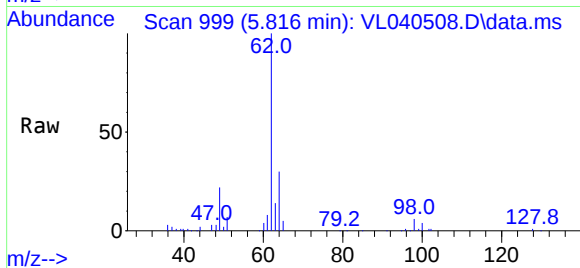
VSTDICC001

Tgt Ion: 62 Resp: 139361

Ion Ratio Lower Upper

62 100

98 6.6 5.1 7.7



#38

Trichloroethene

Concen: 0.612 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VL040508.D

Acq: 10 Jul 2023 13:08

Tgt Ion:130 Resp: 55182

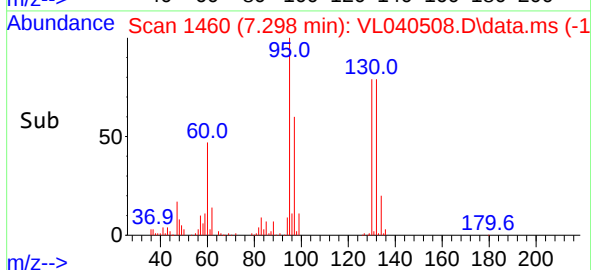
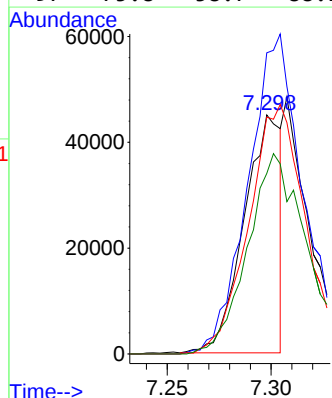
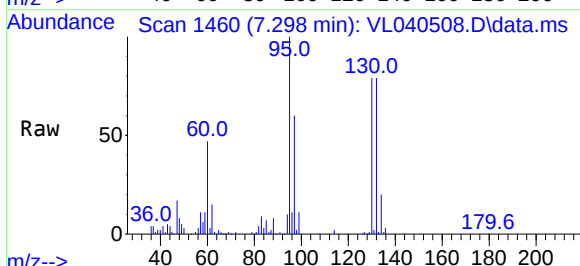
Ion Ratio Lower Upper

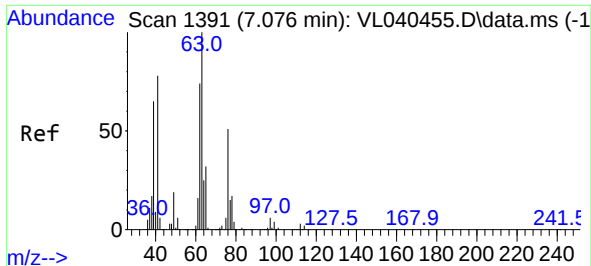
130 100

95 126.5 90.2 135.2

132 99.5 76.3 114.5

97 75.8 58.7 88.1





#39

1,2-Dichloropropane

Concen: 1.001 ppbv

RT: 7.079 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL040508.D

Acq: 10 Jul 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

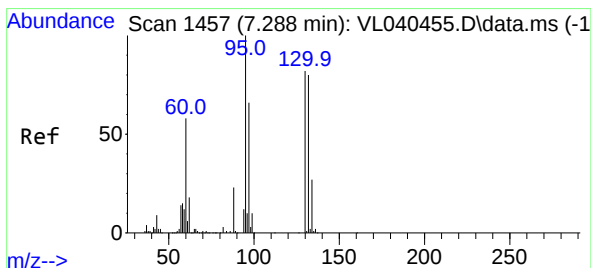
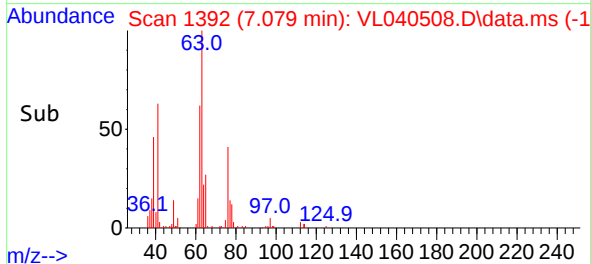
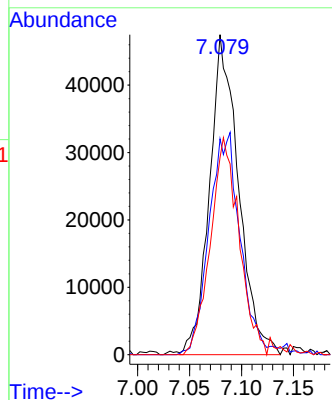
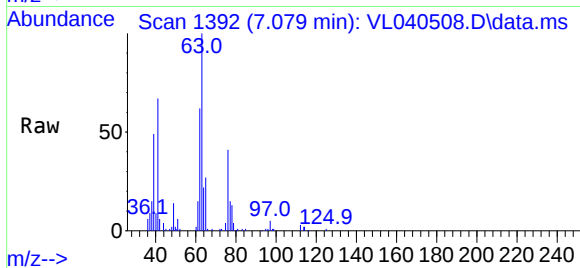
Tgt Ion: 63 Resp: 91869

Ion Ratio Lower Upper

63 100

41 67.5 54.3 81.5

62 62.0 55.6 83.4



#40

1,4-Dioxane

Concen: 0.964 ppbv

RT: 7.320 min Scan# 1467

Delta R.T. 0.023 min

Lab File: VL040508.D

Acq: 10 Jul 2023 13:08

Tgt Ion: 88 Resp: 27659

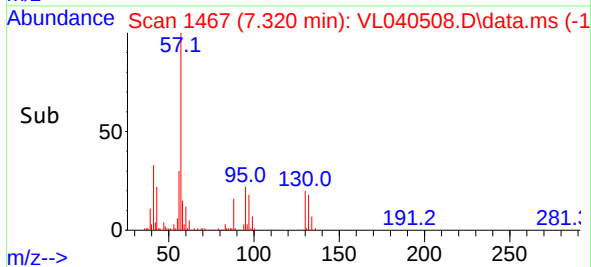
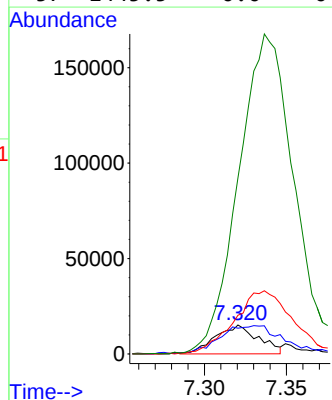
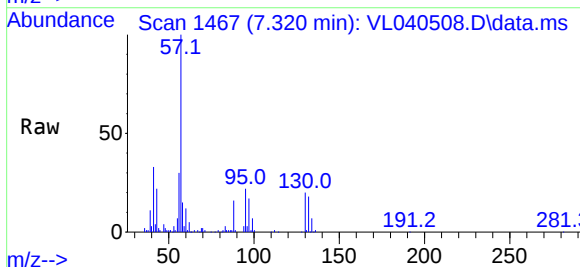
Ion Ratio Lower Upper

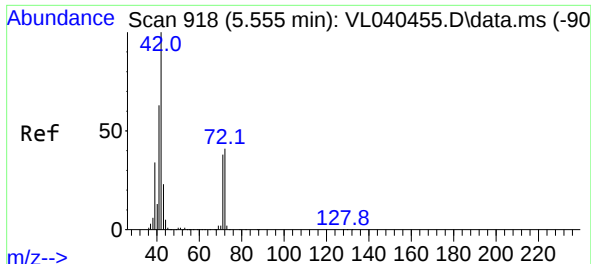
88 100

58 156.2 58.6 88.0#

43 309.3 0.0 0.0#

57 1445.5 0.0 0.0#





#41

Tetrahydrofuran

Concen: 0.987 ppbv

RT: 5.581 min Scan# 918

Delta R.T. 0.016 min

Lab File: VL040508.D

Acq: 10 Jul 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

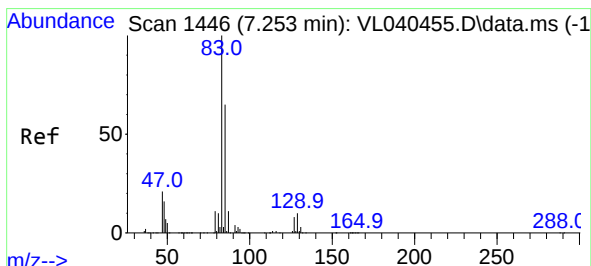
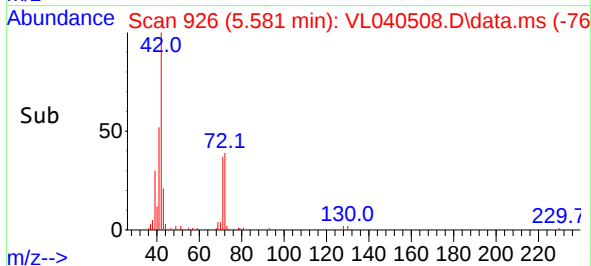
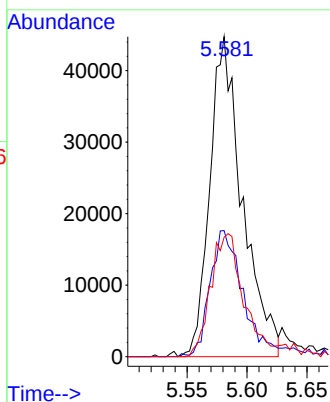
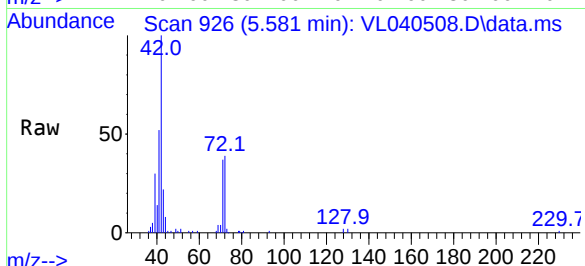
Tgt Ion: 42 Resp: 84254

Ion Ratio Lower Upper

42 100

72 42.2 33.8 50.8

71 42.2 33.0 49.6



#42

Bromodichloromethane

Concen: 0.997 ppbv

RT: 7.259 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VL040508.D

Acq: 10 Jul 2023 13:08

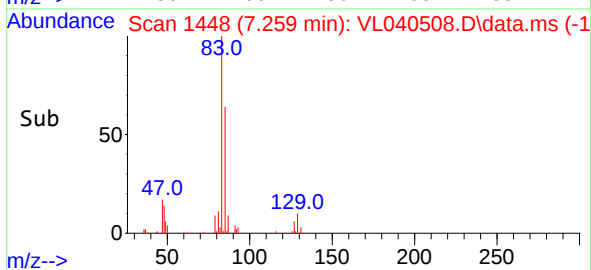
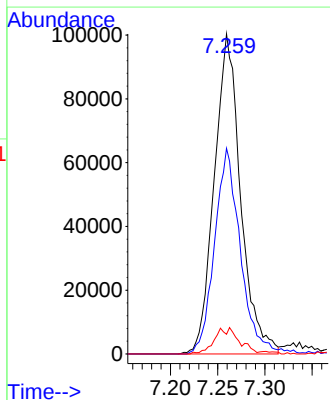
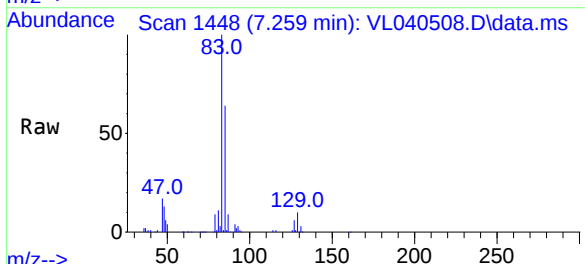
Tgt Ion: 83 Resp: 194429

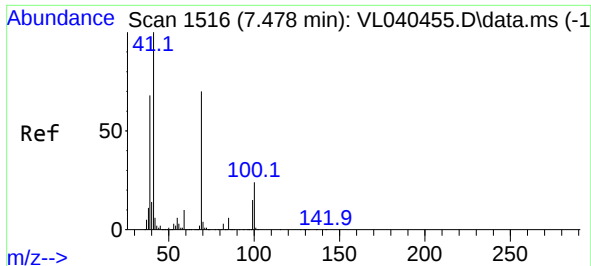
Ion Ratio Lower Upper

83 100

85 64.2 51.1 76.7

127 6.2 6.5 9.7#

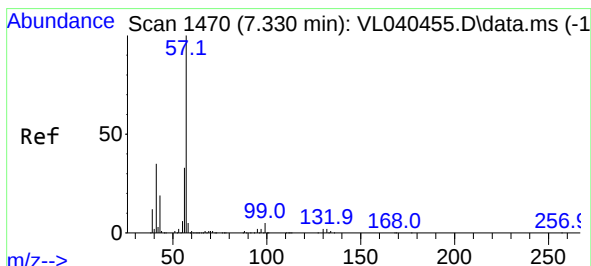
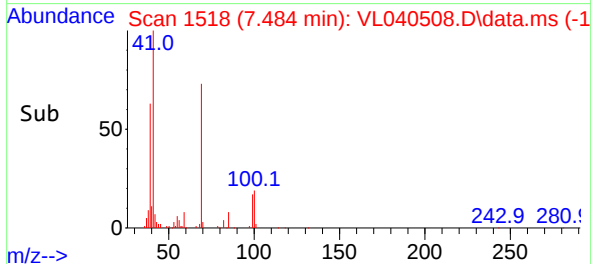
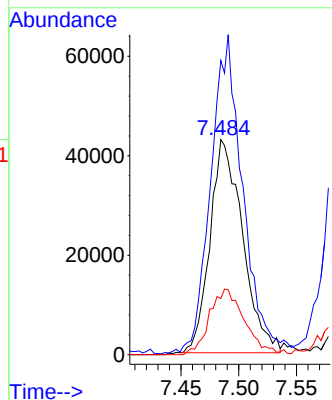
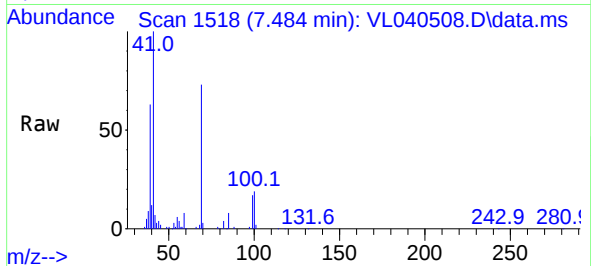




#43
Methyl Methacrylate
Concen: 0.943 ppbv
RT: 7.484 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

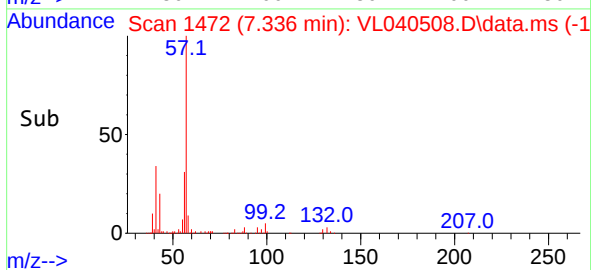
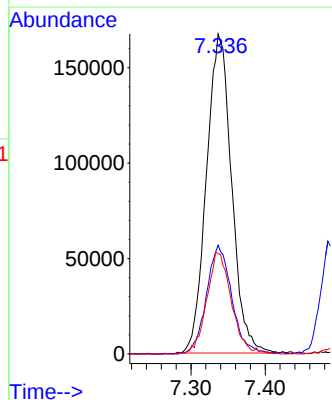
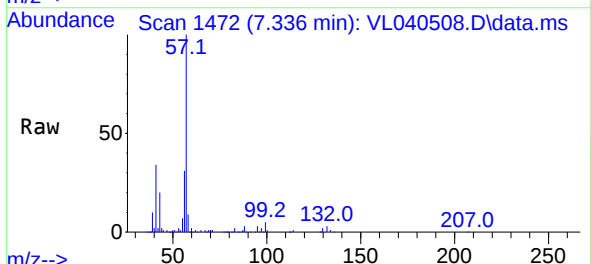
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

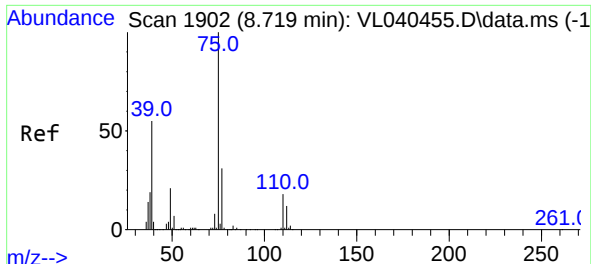
Tgt Ion: 69 Resp: 84127
Ion Ratio Lower Upper
69 100
41 148.8 111.7 167.5
100 33.2 26.9 40.3



#44
2,2,4-Trimethylpentane
Concen: 1.025 ppbv
RT: 7.336 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Tgt Ion: 57 Resp: 393117
Ion Ratio Lower Upper
57 100
41 34.5 25.5 38.3
56 31.2 25.1 37.7

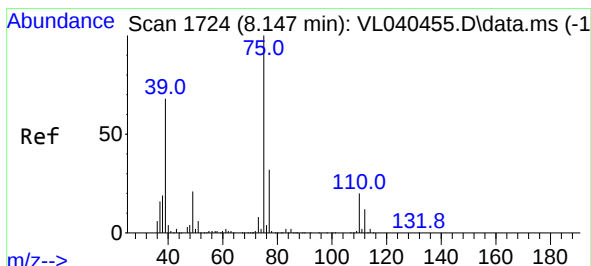
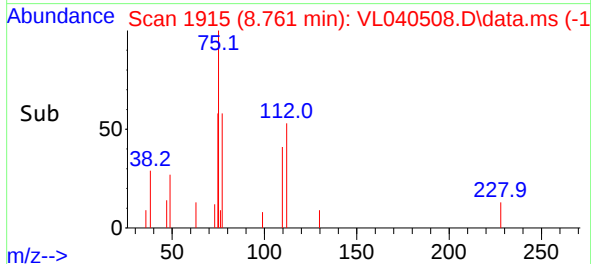
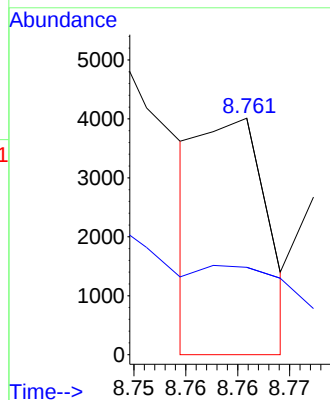
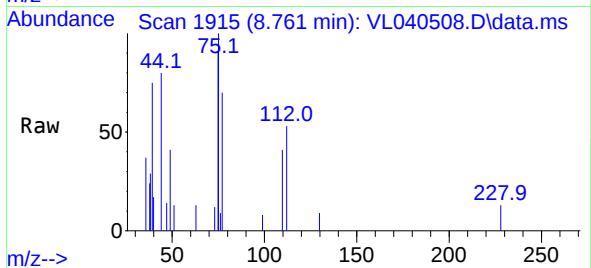




#45
t-1,3-Dichloropropene
Concen: 0.031 ppbv
RT: 8.761 min Scan# 1902
Delta R.T. 0.039 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

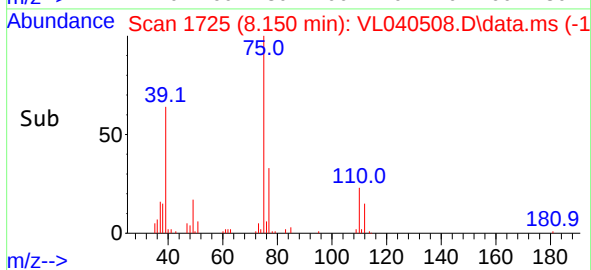
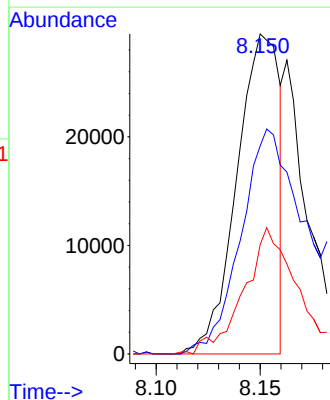
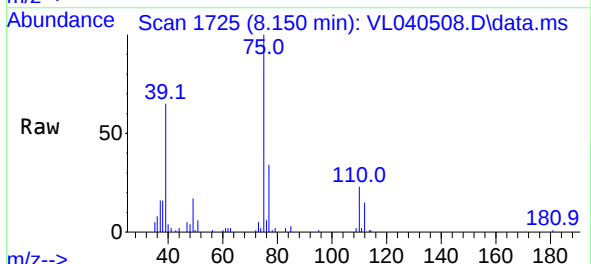
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

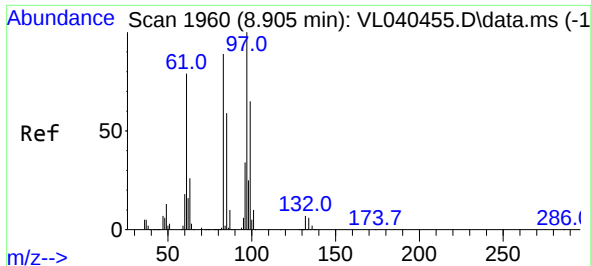
Tgt Ion: 75 Resp: 1775
Ion Ratio Lower Upper
75 100
77 36.9 26.0 39.0



#46
cis-1,3-Dichloropropene
Concen: 0.570 ppbv
RT: 8.150 min Scan# 1725
Delta R.T. -0.003 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Tgt Ion: 75 Resp: 41867
Ion Ratio Lower Upper
75 100
39 65.1 48.0 72.0
77 33.6 24.0 36.0





#47

1,1,2-Trichloroethane

Concen: 0.991 ppbv

RT: 8.909 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VL040508.D

Acq: 10 Jul 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 100286

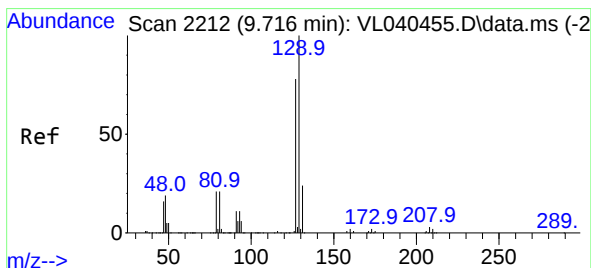
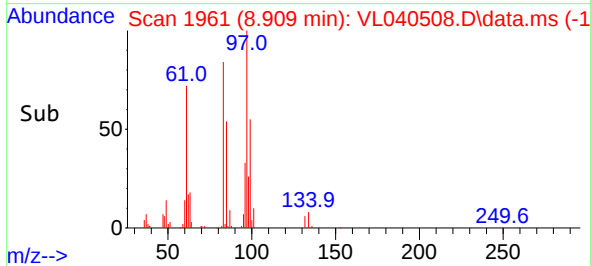
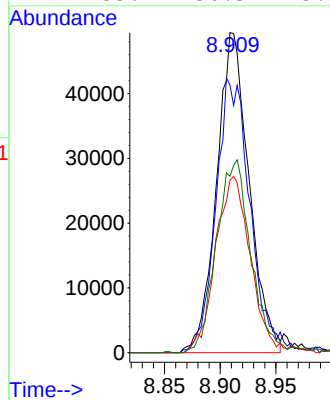
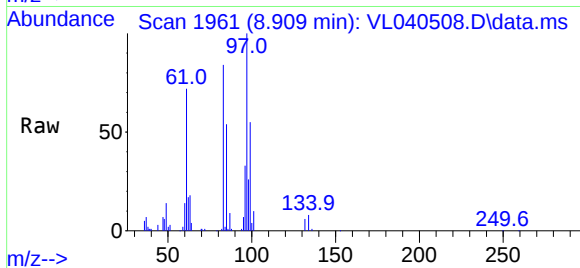
Ion Ratio Lower Upper

97 100

83 83.6 73.4 110.0

85 53.8 46.6 70.0

99 55.2 50.3 75.5



#48

Dibromochloromethane

Concen: 0.935 ppbv

RT: 9.725 min Scan# 2215

Delta R.T. 0.003 min

Lab File: VL040508.D

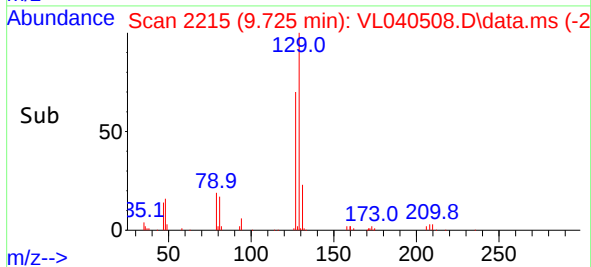
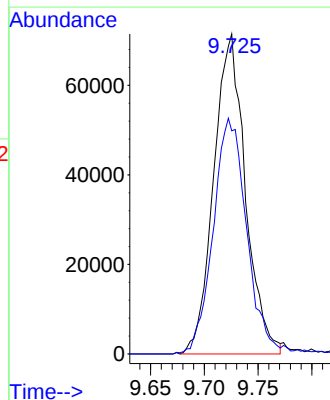
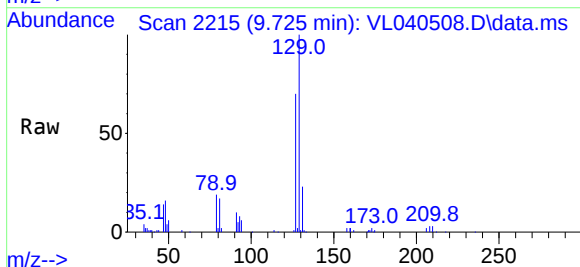
Acq: 10 Jul 2023 13:08

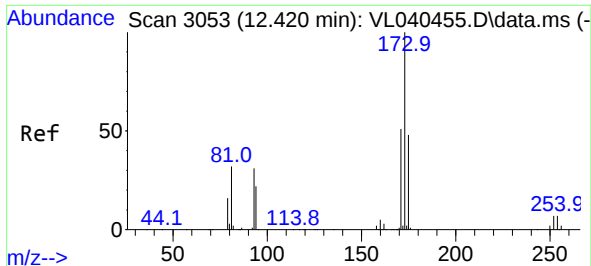
Tgt Ion: 129 Resp: 146268

Ion Ratio Lower Upper

129 100

127 79.1 39.1 117.3

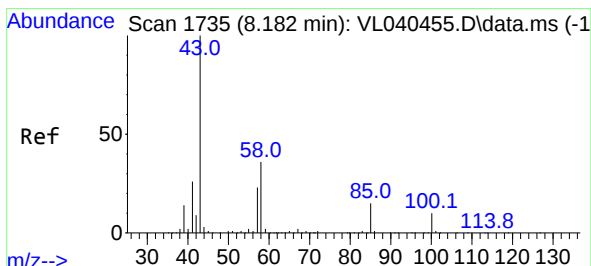
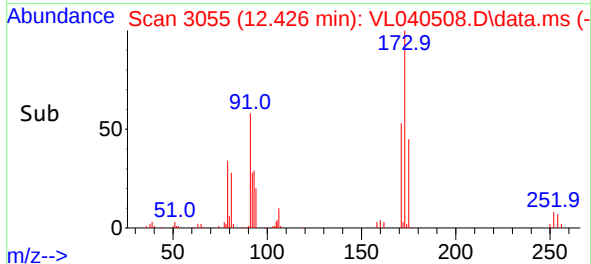
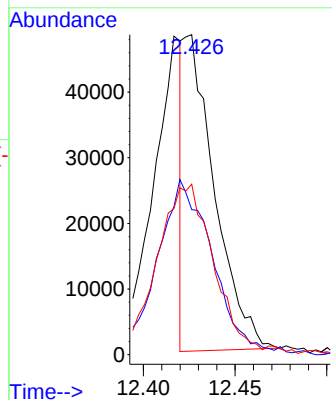
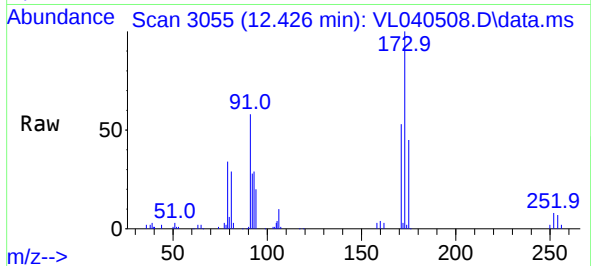




#49
Bromoform
Concen: 0.453 ppbv
RT: 12.426 min Scan# 3055
Delta R.T. 0.003 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

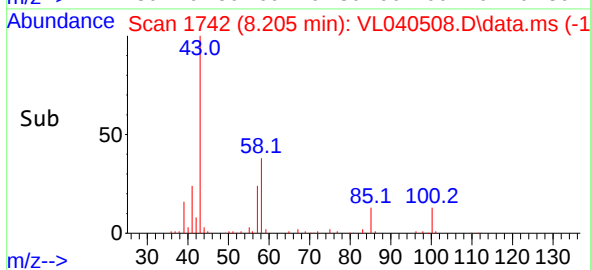
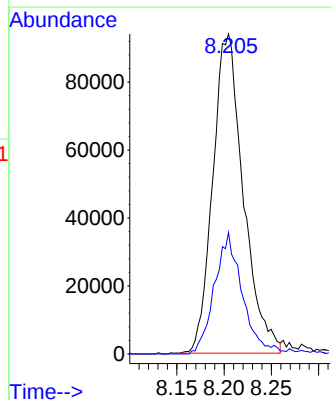
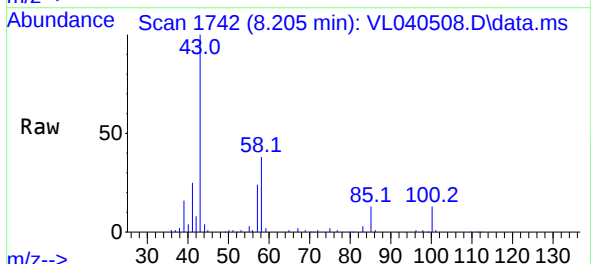
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

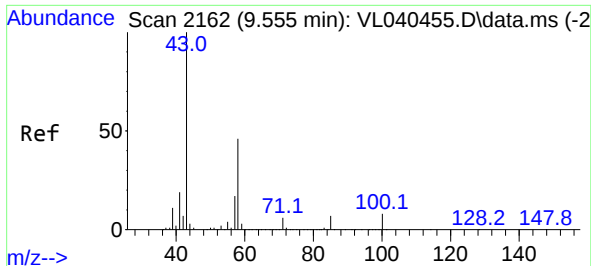
Tgt Ion:173 Resp: 56227
Ion Ratio Lower Upper
173 100
175 0.0 39.5 59.3#
171 103.3 42.2 63.4#



#50
4-Methyl-2-Pentanone
Concen: 0.991 ppbv
RT: 8.205 min Scan# 1742
Delta R.T. 0.013 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Tgt Ion: 43 Resp: 210790
Ion Ratio Lower Upper
43 100
58 35.6 30.2 45.2

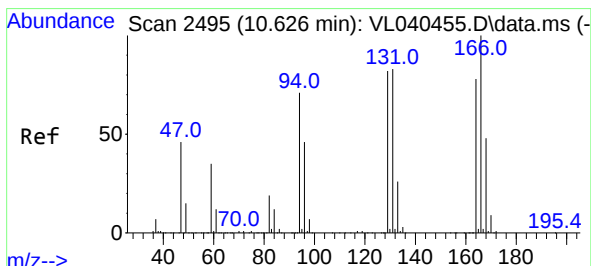
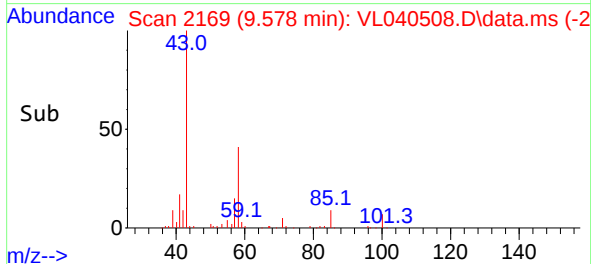
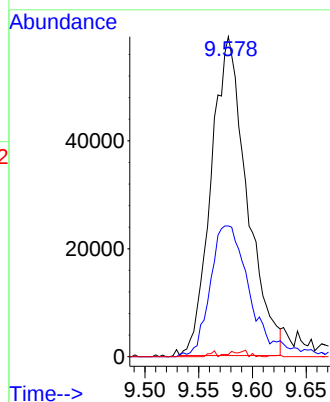
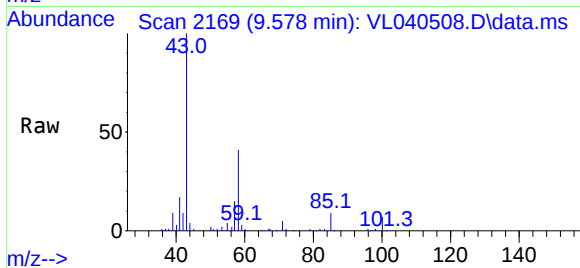




#51
2-Hexanone
Concen: 0.909 ppbv
RT: 9.578 min Scan# 2169
Delta R.T. 0.017 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

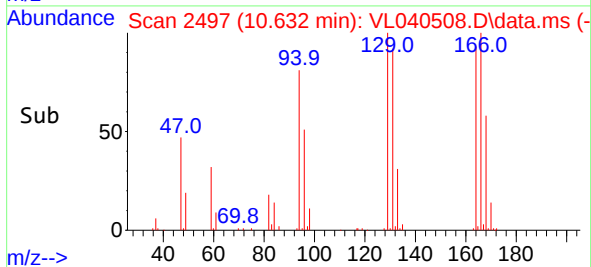
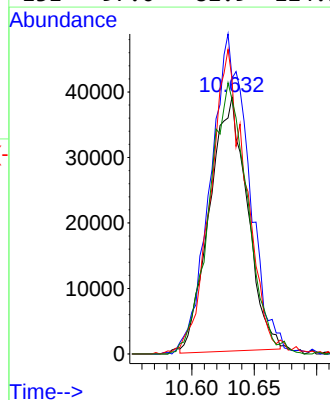
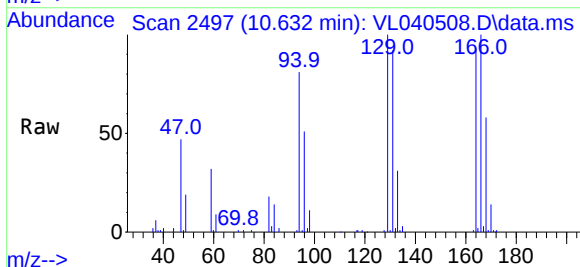
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

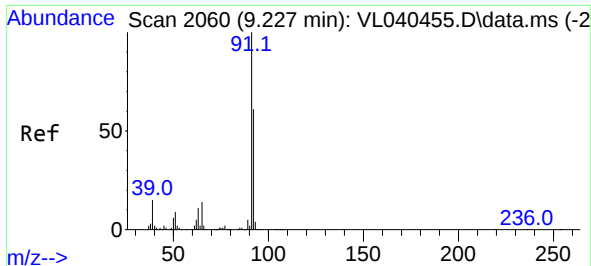
Tgt Ion: 43 Resp: 136740
Ion Ratio Lower Upper
43 100
58 46.2 39.7 59.5
98 1.4 0.3 0.5#



#52
Tetrachloroethene
Concen: 1.056 ppbv
RT: 10.632 min Scan# 2497
Delta R.T. 0.006 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Tgt Ion:164 Resp: 81518
Ion Ratio Lower Upper
164 100
166 104.8 103.9 155.9
129 106.3 84.6 126.8
131 97.0 82.9 124.3

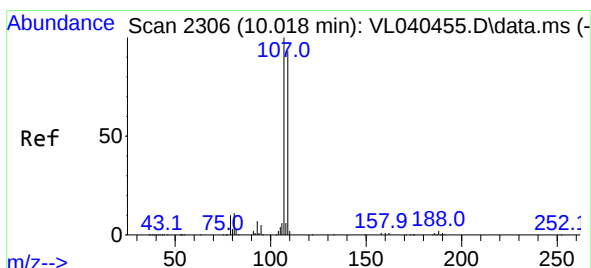
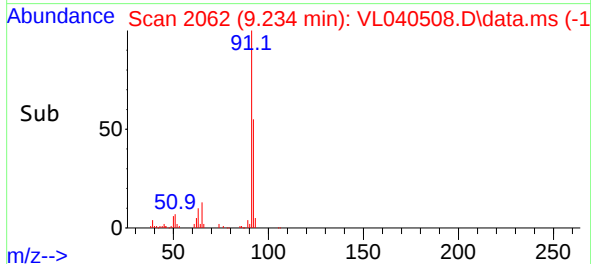
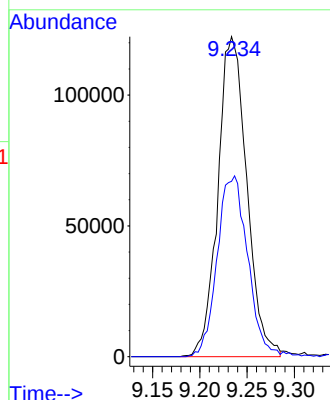
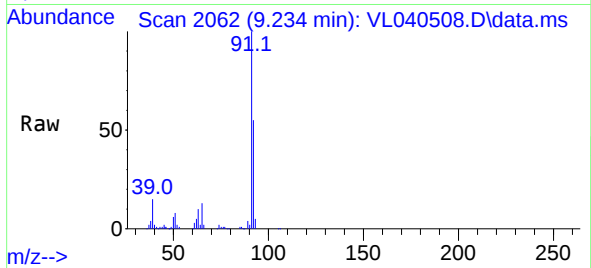




#53
Toluene
Concen: 1.003 ppbv
RT: 9.234 min Scan# 2062
Delta R.T. 0.003 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

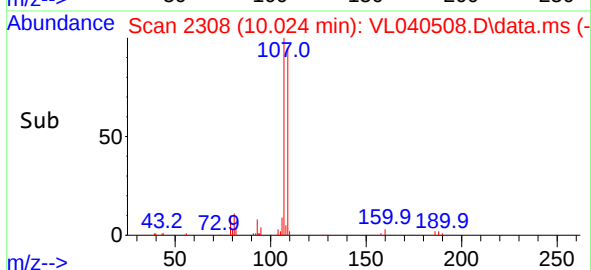
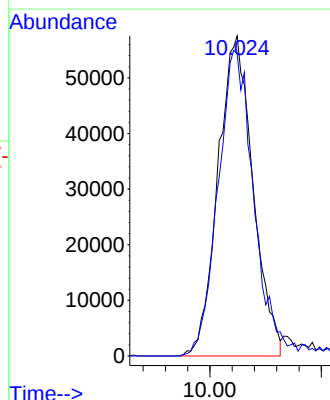
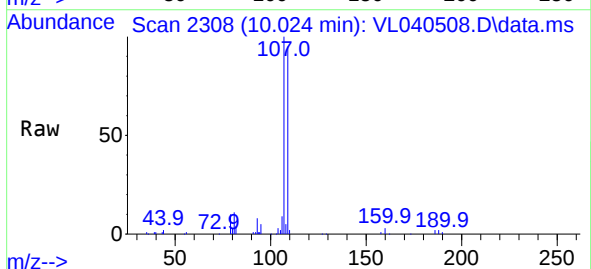
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

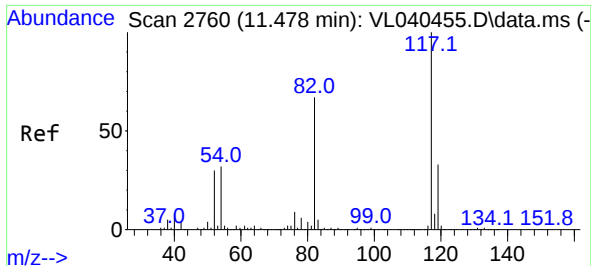
Tgt Ion: 91 Resp: 259538
Ion Ratio Lower Upper
91 100
92 60.0 49.1 73.7



#54
1,2-Dibromoethane
Concen: 0.998 ppbv
RT: 10.024 min Scan# 2308
Delta R.T. 0.003 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Tgt Ion: 107 Resp: 125531
Ion Ratio Lower Upper
107 100
109 94.5 75.4 113.2

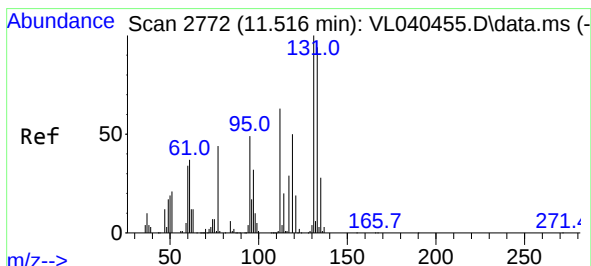
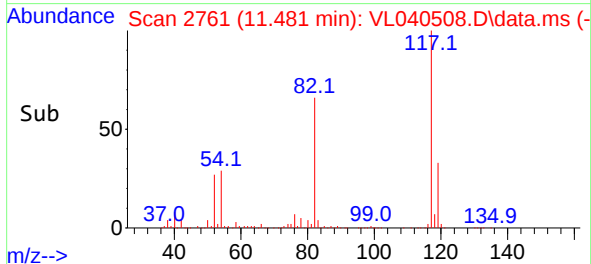
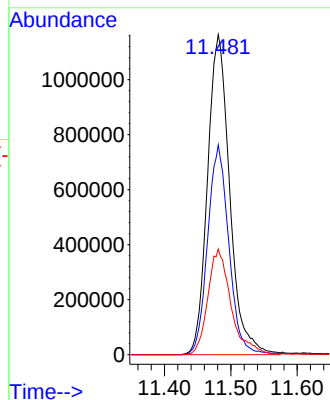
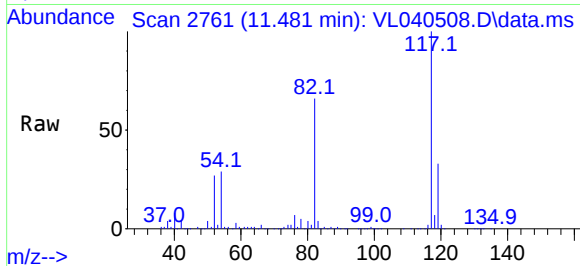




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

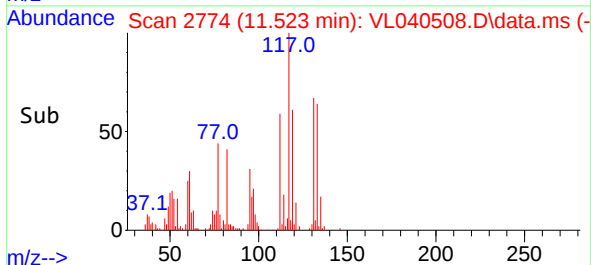
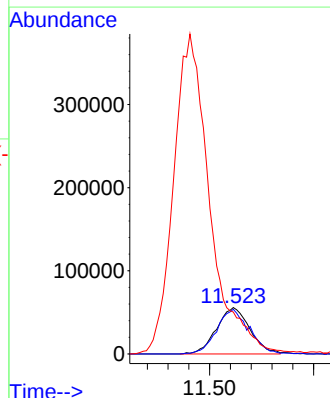
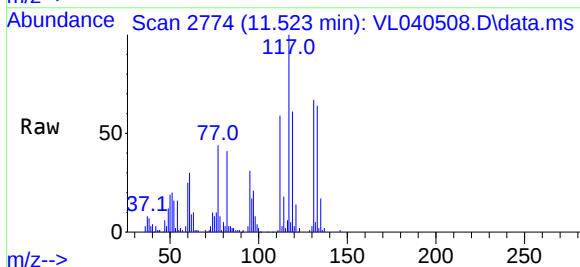
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

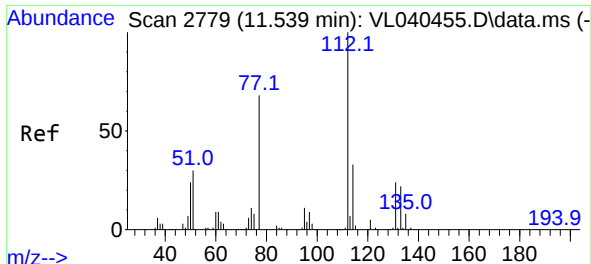
Tgt Ion:117 Resp: 2709260
Ion Ratio Lower Upper
117 100
82 63.0 50.2 75.4
119 34.6 26.9 40.3



#56
1,1,1,2-Tetrachloroethane
Concen: 1.022 ppbv
RT: 11.523 min Scan# 2774
Delta R.T. 0.003 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Tgt Ion:131 Resp: 123960
Ion Ratio Lower Upper
131 100
133 94.7 76.3 114.5
119 756.8 51.1 76.7#

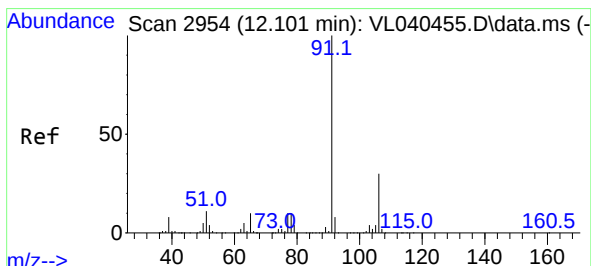
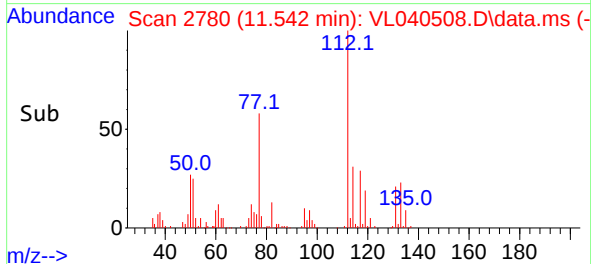
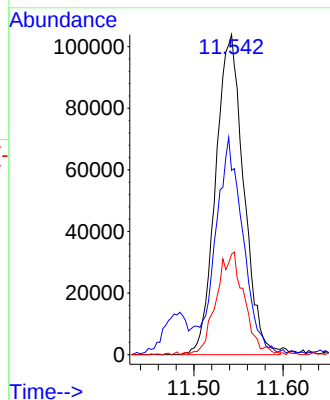
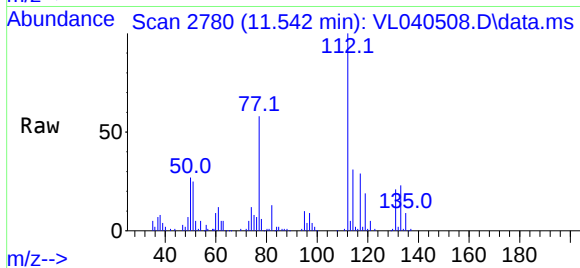




#57
Chlorobenzene
Concen: 1.076 ppbv
RT: 11.542 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

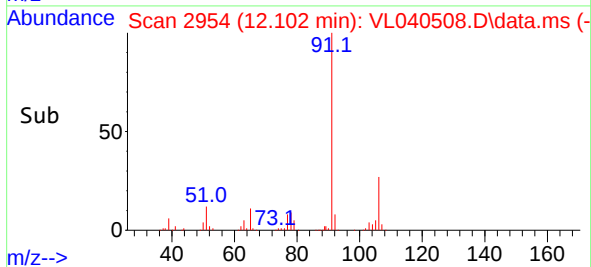
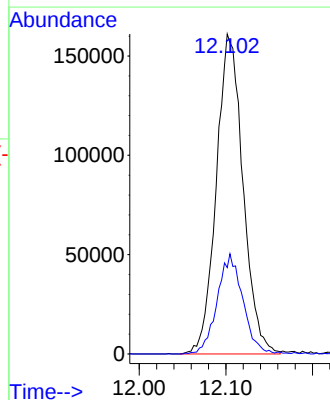
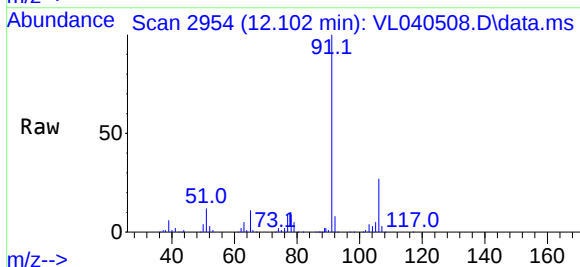
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

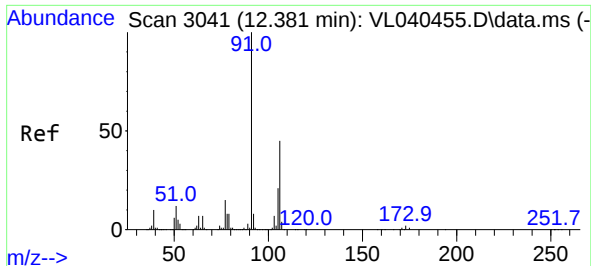
Tgt Ion:112 Resp: 227353
Ion Ratio Lower Upper
112 100
77 56.6 51.0 76.6
114 31.5 28.3 34.5



#58
Ethyl Benzene
Concen: 1.013 ppbv
RT: 12.102 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Tgt Ion: 91 Resp: 344278
Ion Ratio Lower Upper
91 100
106 27.0 25.4 38.0





#59

m/p-Xylene

Concen: 0.753 ppbv

RT: 12.388 min Scan# 3041

Delta R.T. 0.003 min

Lab File: VL040508.D

Acq: 10 Jul 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

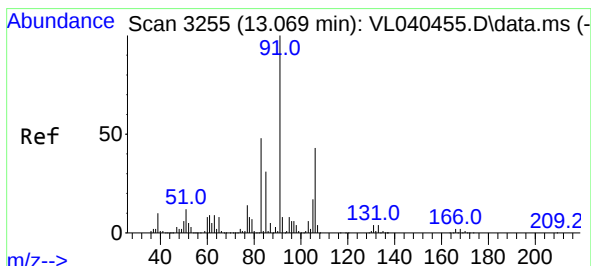
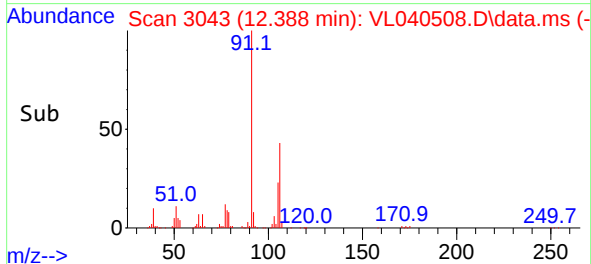
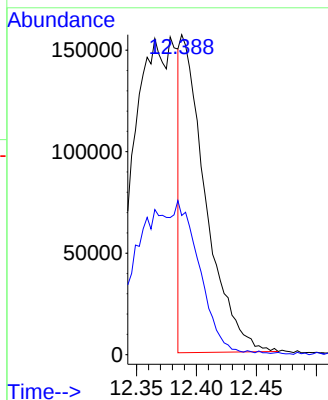
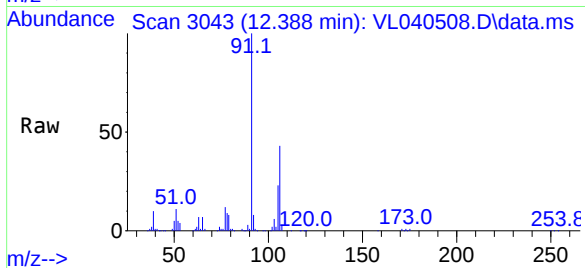
VSTDIC001

Tgt Ion: 91 Resp: 228438

Ion Ratio Lower Upper

91 100

106 119.7 35.9 53.9#



#60

o-Xylene

Concen: 1.035 ppbv

RT: 13.073 min Scan# 3256

Delta R.T. 0.003 min

Lab File: VL040508.D

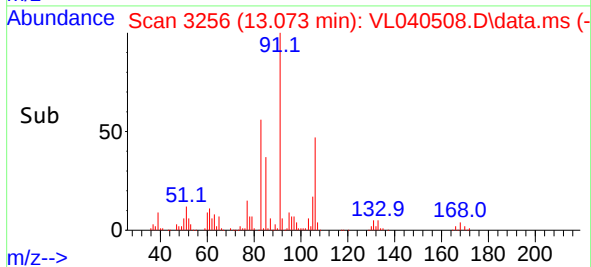
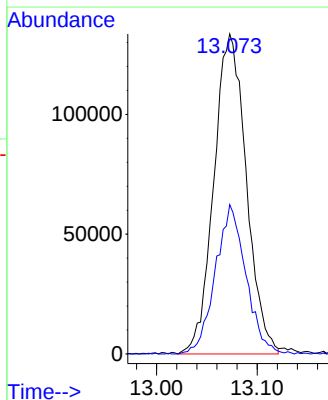
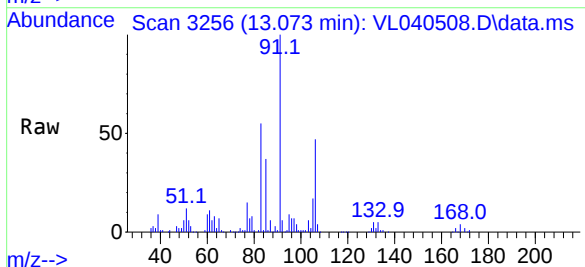
Acq: 10 Jul 2023 13:08

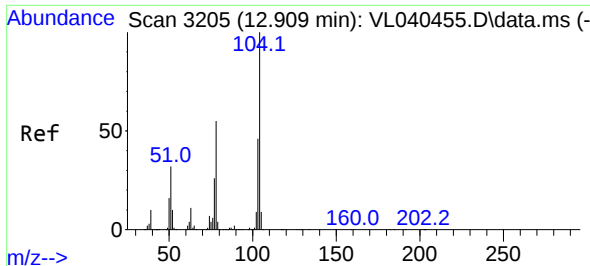
Tgt Ion: 91 Resp: 299340

Ion Ratio Lower Upper

91 100

106 44.1 22.7 68.0

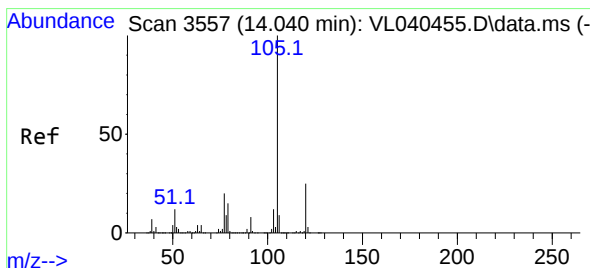
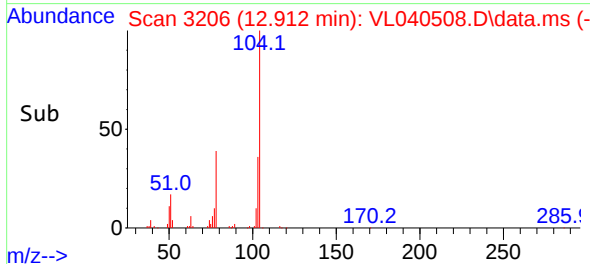
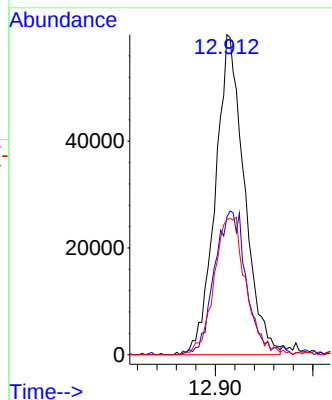
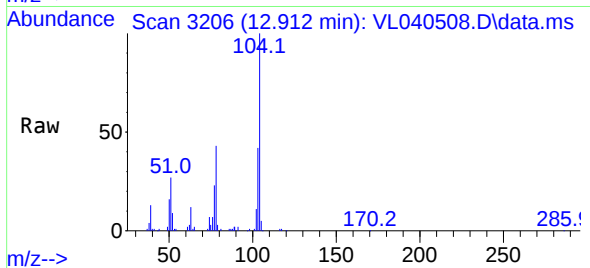




#61
Styrene
Concen: 0.927 ppbv
RT: 12.912 min Scan# 312
Delta R.T. 0.000 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

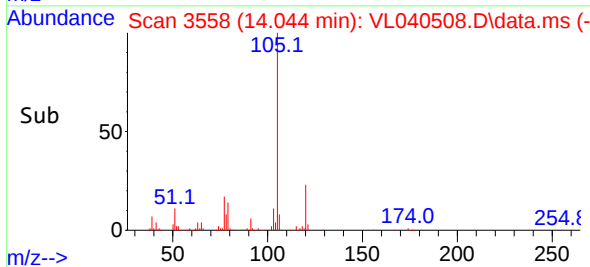
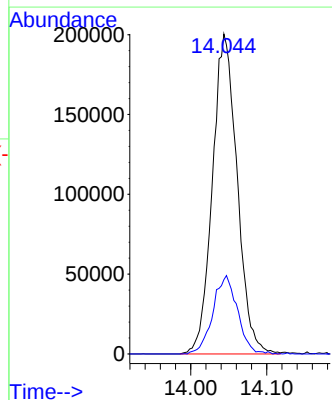
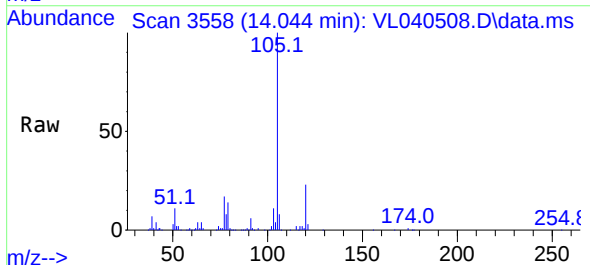
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

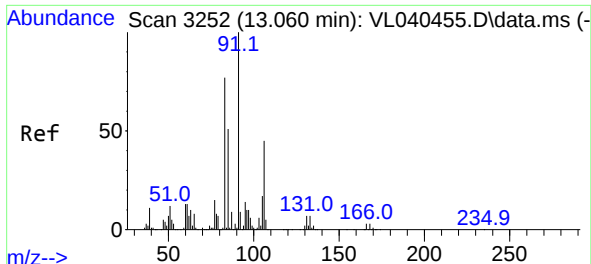
Tgt Ion:104 Resp: 123579
Ion Ratio Lower Upper
104 100
78 50.1 40.1 60.1
103 47.9 37.0 55.4



#62
Isopropylbenzene
Concen: 1.044 ppbv
RT: 14.044 min Scan# 3558
Delta R.T. 0.003 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Tgt Ion:105 Resp: 452503
Ion Ratio Lower Upper
105 100
120 24.4 20.8 31.2

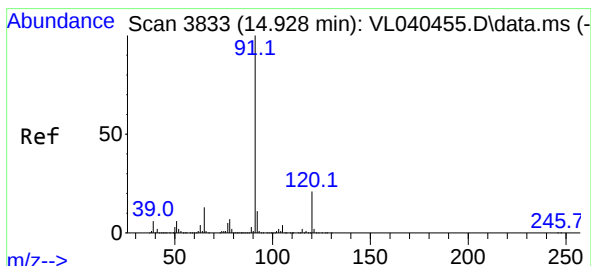
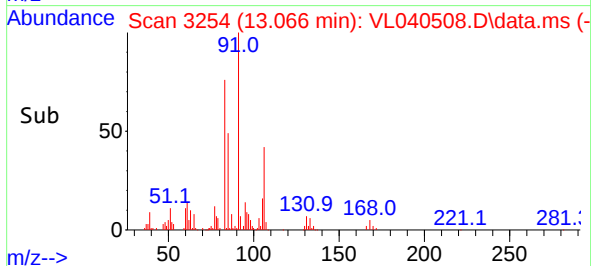
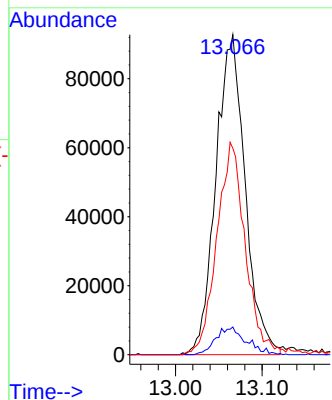
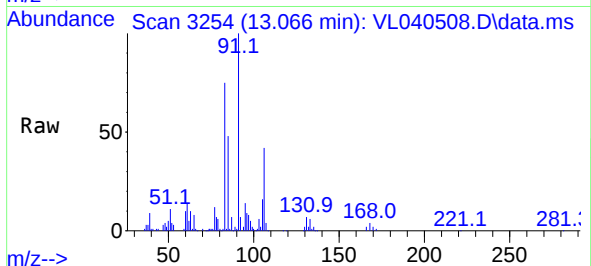




#63
1,1,2,2-Tetrachloroethane
Concen: 1.076 ppbv
RT: 13.066 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

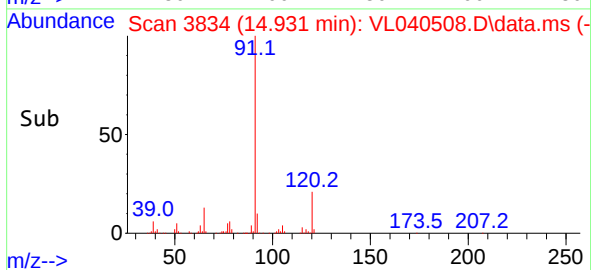
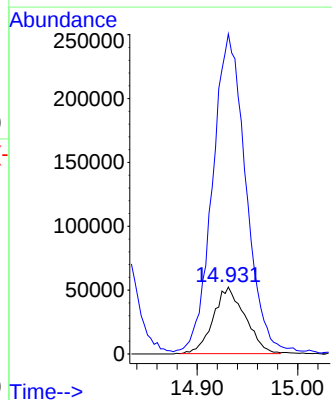
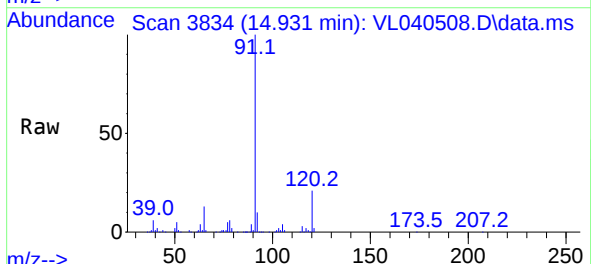
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

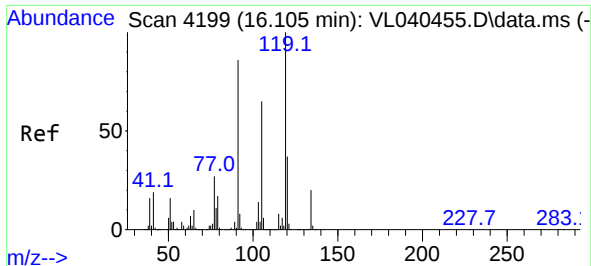
Tgt Ion: 83 Resp: 217782
Ion Ratio Lower Upper
83 100
131 9.0 4.6 13.8
85 65.2 32.8 98.3



#64
n-propylbenzene
Concen: 1.018 ppbv
RT: 14.931 min Scan# 3834
Delta R.T. 0.000 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Tgt Ion:120 Resp: 114169
Ion Ratio Lower Upper
120 100
91 512.9 374.3 561.5

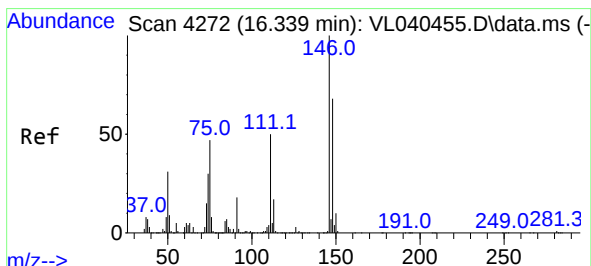
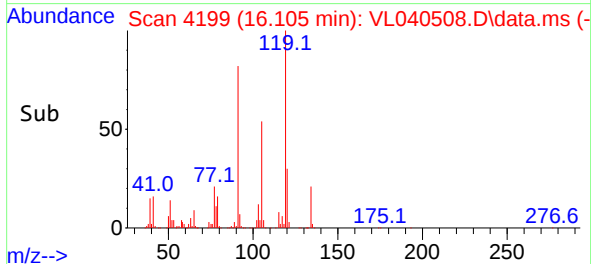
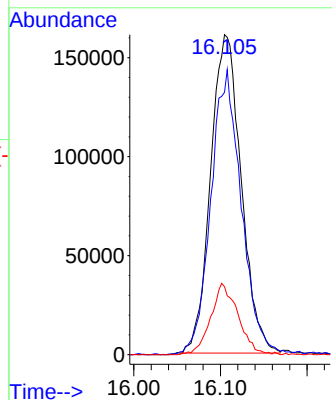
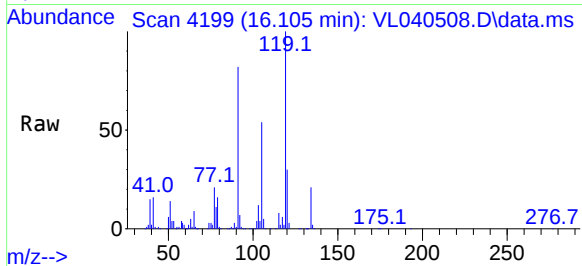




#65
tert-Butylbenzene
Concen: 1.030 ppbv
RT: 16.105 min Scan# 4199
Delta R.T. 0.003 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

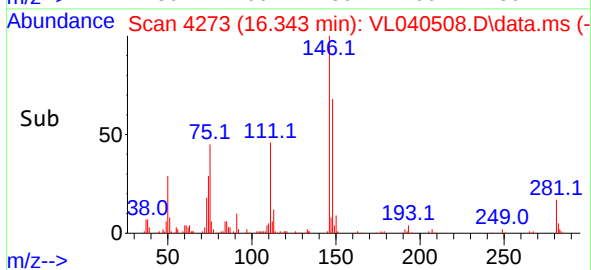
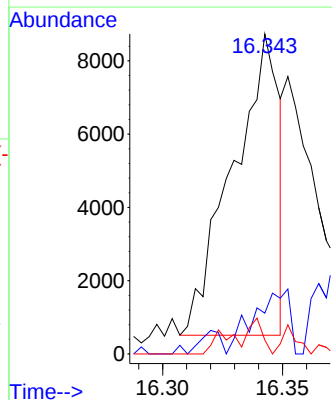
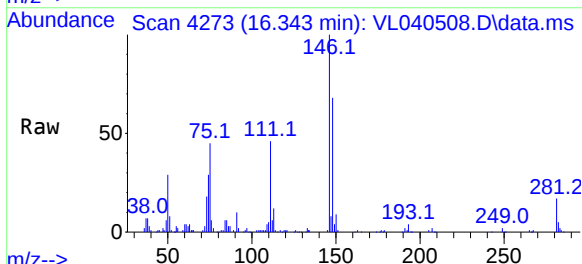
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

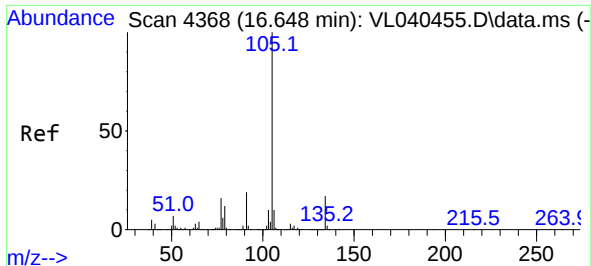
Tgt Ion:119 Resp: 394927
Ion Ratio Lower Upper
119 100
91 89.4 66.1 99.1
134 20.2 15.7 23.5



#66
Benzyl Chloride
Concen: 0.408 ppbv
RT: 16.343 min Scan# 4273
Delta R.T. 0.006 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Tgt Ion: 91 Resp: 11066
Ion Ratio Lower Upper
91 100
126 0.0 15.4 23.2#
128 10.8 4.5 6.7#

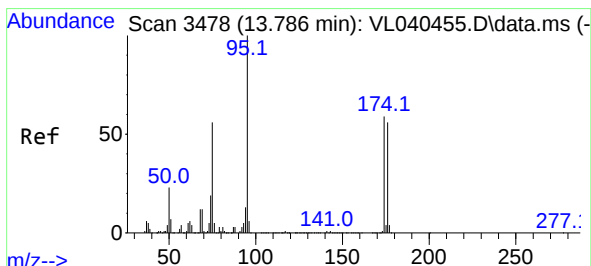
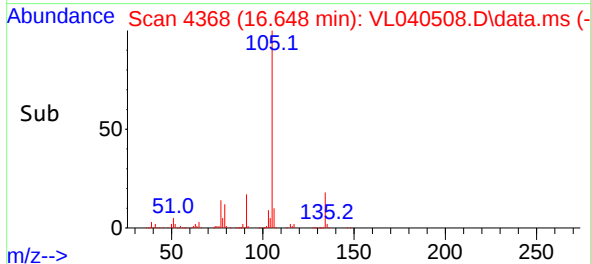
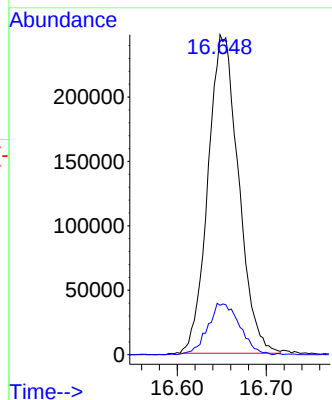
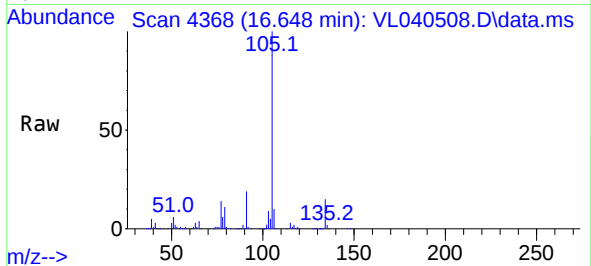




#67
sec-Butylbenzene
Concen: 1.044 ppbv
RT: 16.648 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

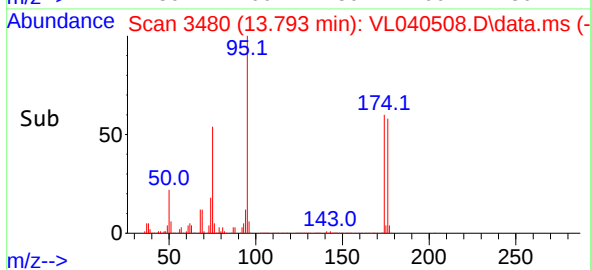
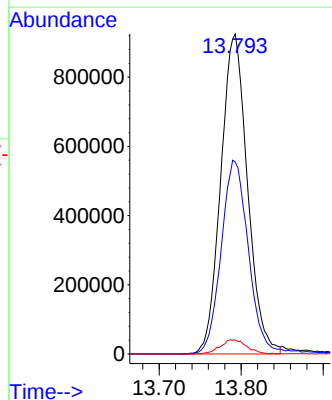
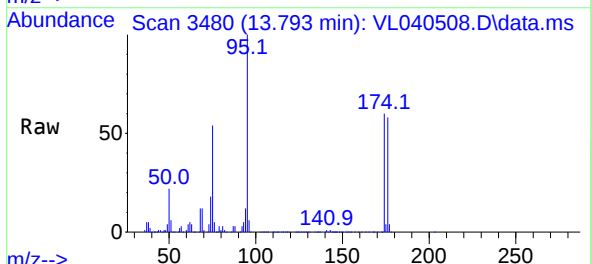
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

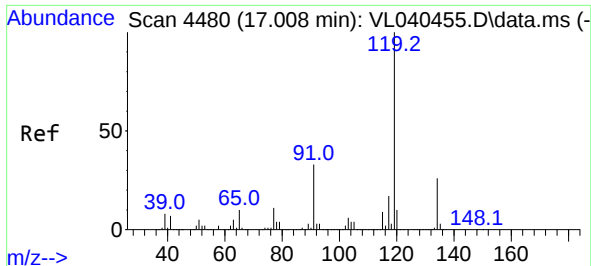
Tgt Ion:105 Resp: 588424
Ion Ratio Lower Upper
105 100
134 17.1 14.4 21.6



#68
1-Bromo-4-Fluorobenzene
Concen: 9.778 ppbv
RT: 13.793 min Scan# 3480
Delta R.T. 0.010 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Tgt Ion: 95 Resp: 2096547
Ion Ratio Lower Upper
95 100
174 62.2 50.6 75.8
175 4.5 3.7 5.5

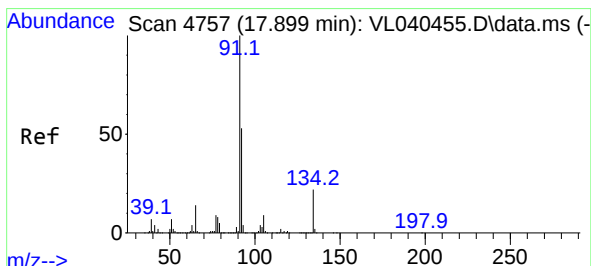
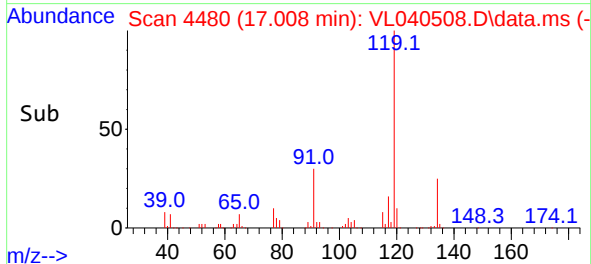
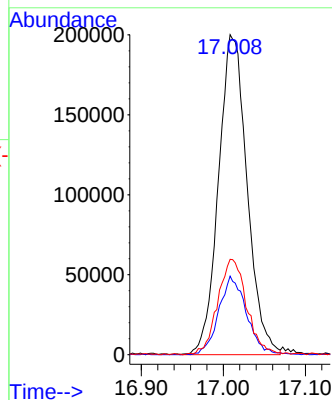
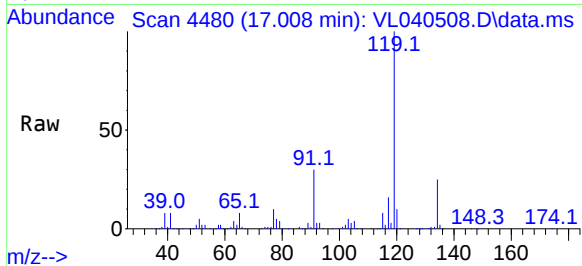




#69
p-Isopropyltoluene
Concen: 1.041 ppbv
RT: 17.008 min Scan# 4480
Delta R.T. 0.003 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

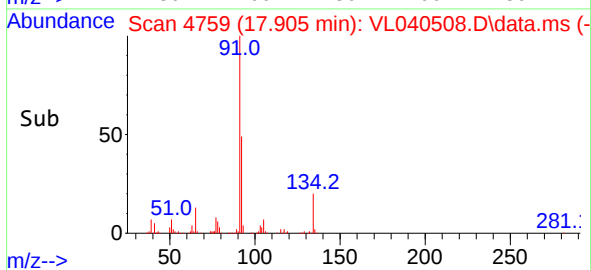
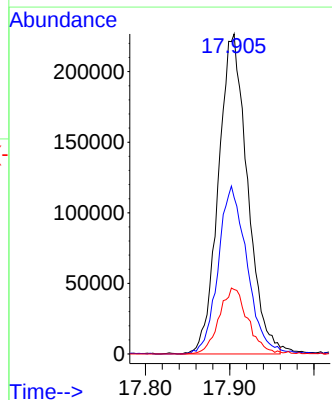
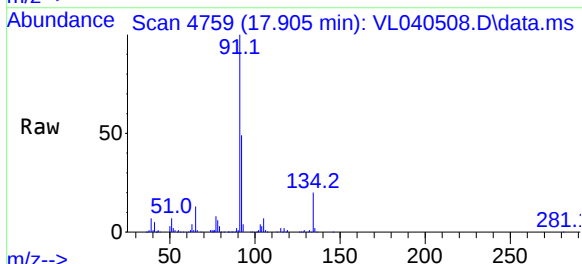
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

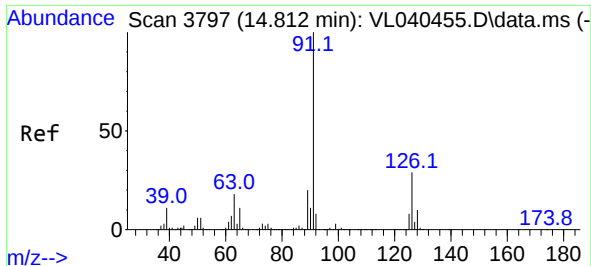
Tgt Ion:119 Resp: 484699
Ion Ratio Lower Upper
119 100
134 23.9 20.5 30.7
91 30.7 23.8 35.8



#70
n-Butylbenzene
Concen: 1.044 ppbv
RT: 17.905 min Scan# 4759
Delta R.T. 0.010 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Tgt Ion: 91 Resp: 542165
Ion Ratio Lower Upper
91 100
92 52.5 43.4 65.0
134 20.6 18.1 27.1

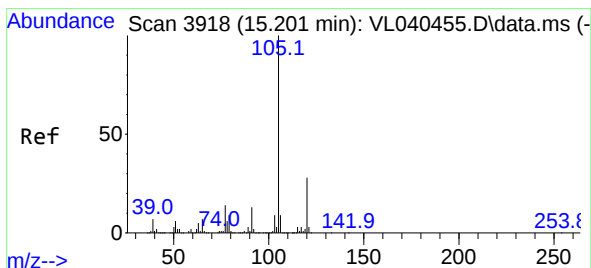
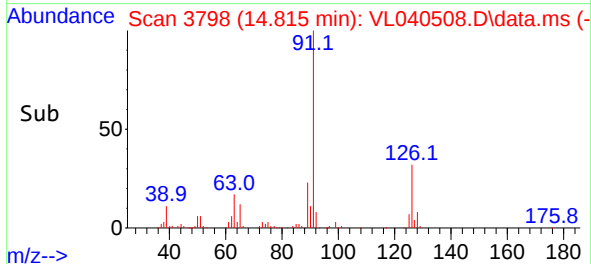
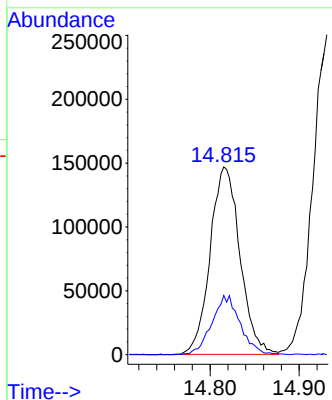
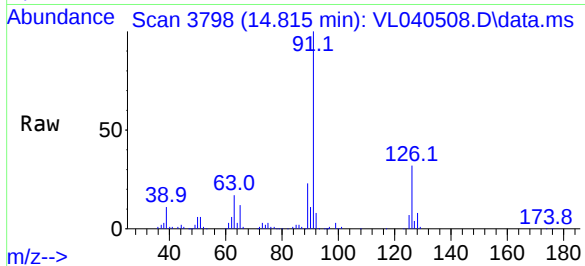




#71
2-Chlorotoluene
Concen: 1.021 ppbv
RT: 14.815 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

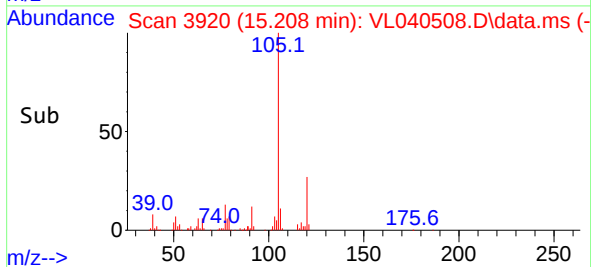
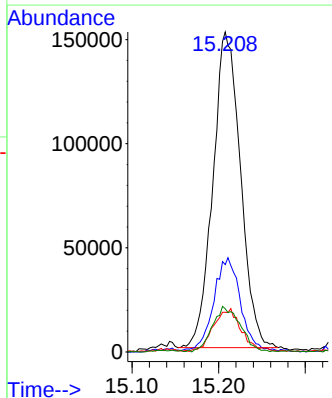
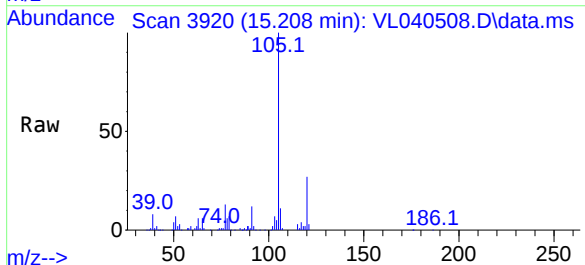
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

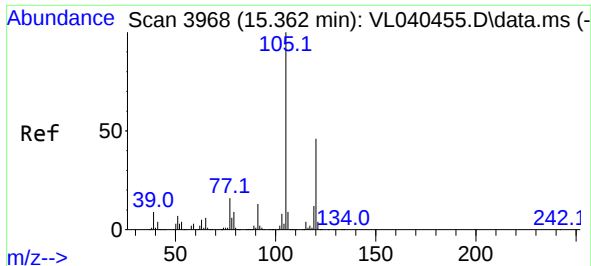
Tgt Ion: 91 Resp: 340956
Ion Ratio Lower Upper
91 100
126 30.2 12.4 49.8



#72
4-Ethyltoluene
Concen: 0.989 ppbv
RT: 15.208 min Scan# 3920
Delta R.T. 0.003 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Tgt Ion: 105 Resp: 335013
Ion Ratio Lower Upper
105 100
120 30.6 24.6 37.0
91 13.8 10.7 16.1
77 14.4 11.0 16.6

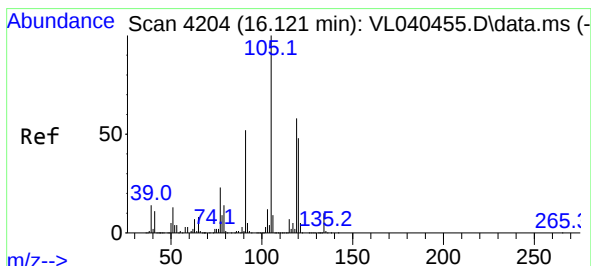
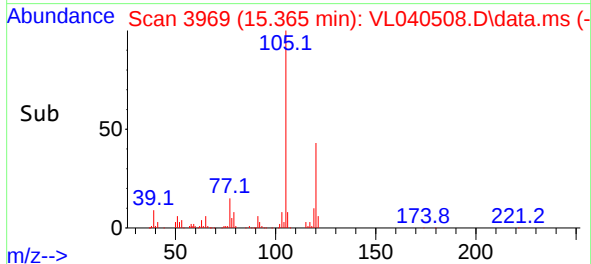
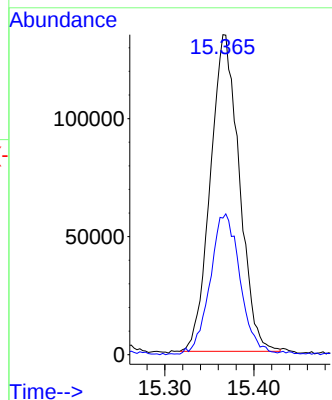
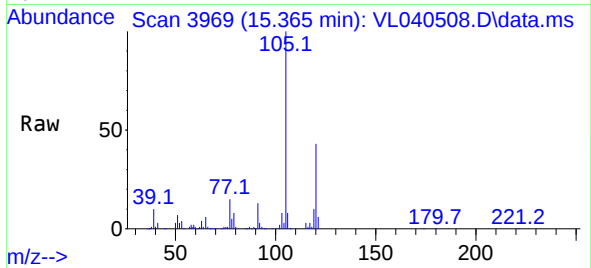




#73
 1,3,5-Trimethylbenzene
 Concen: 1.013 ppbv
 RT: 15.365 min Scan# 3968
 Delta R.T. 0.003 min
 Lab File: VL040508.D
 Acq: 10 Jul 2023 13:08

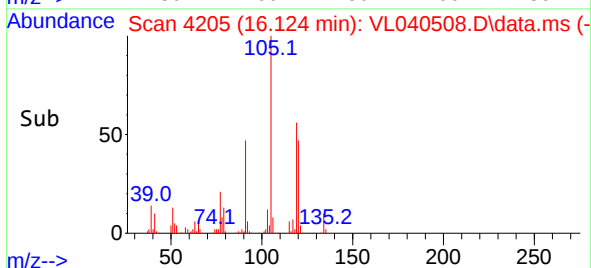
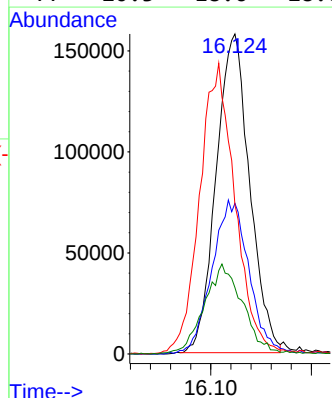
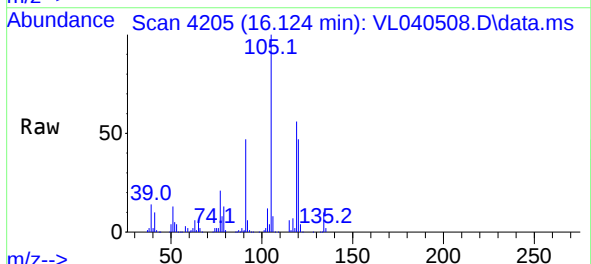
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC001

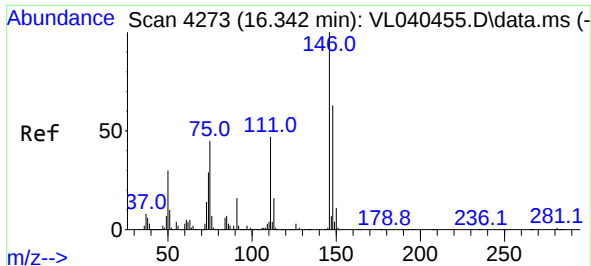
Tgt Ion:105 Resp: 302642
 Ion Ratio Lower Upper
 105 100
 120 42.9 38.2 57.2



#74
 1,2,4-Trimethylbenzene
 Concen: 1.048 ppbv
 RT: 16.124 min Scan# 4205
 Delta R.T. 0.006 min
 Lab File: VL040508.D
 Acq: 10 Jul 2023 13:08

Tgt Ion:105 Resp: 364900
 Ion Ratio Lower Upper
 105 100
 120 46.1 40.3 60.5
 91 45.6 46.8 70.2#
 77 20.3 18.6 28.0

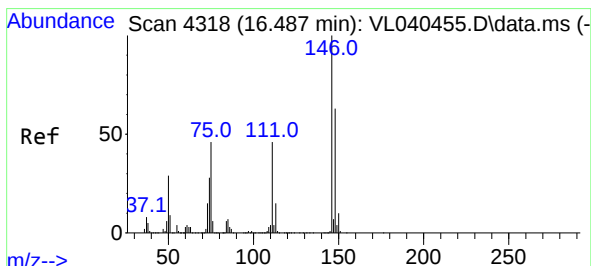
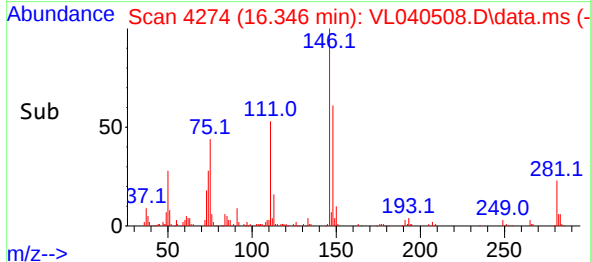
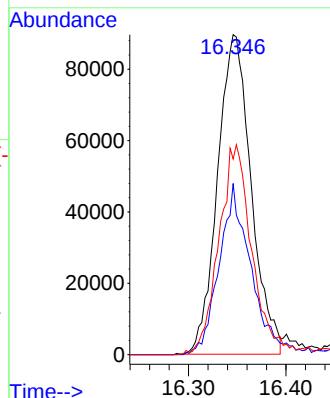
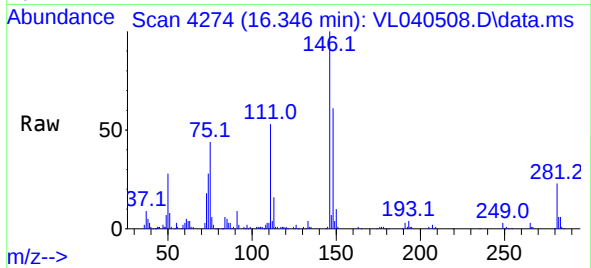




#75
1,3-Dichlorobenzene
Concen: 1.015 ppbv
RT: 16.346 min Scan# 4273
Delta R.T. 0.003 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

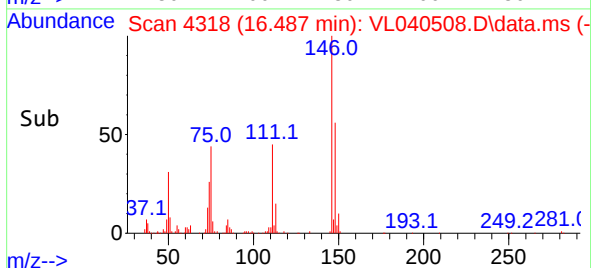
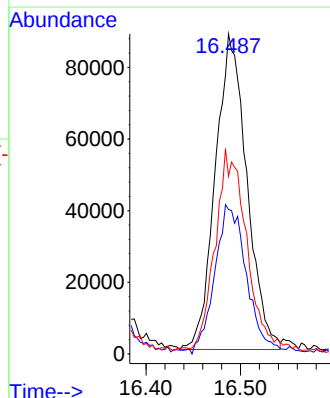
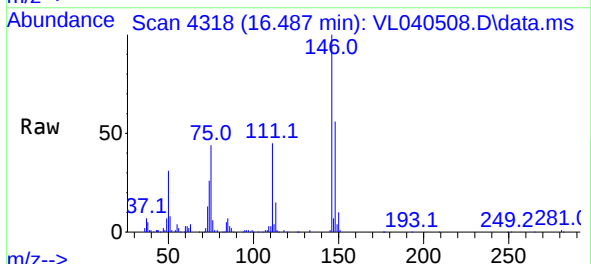
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

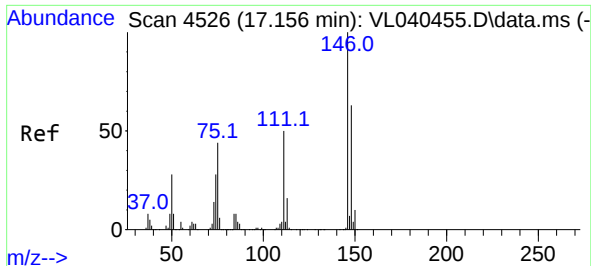
Tgt Ion:146 Resp: 214389
Ion Ratio Lower Upper
146 100
111 50.8 23.6 71.0
148 65.1 32.2 96.6



#76
1,4-Dichlorobenzene
Concen: 0.986 ppbv
RT: 16.487 min Scan# 4318
Delta R.T. 0.000 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Tgt Ion:146 Resp: 204095
Ion Ratio Lower Upper
146 100
111 49.3 22.8 68.3
148 67.4 32.6 97.8

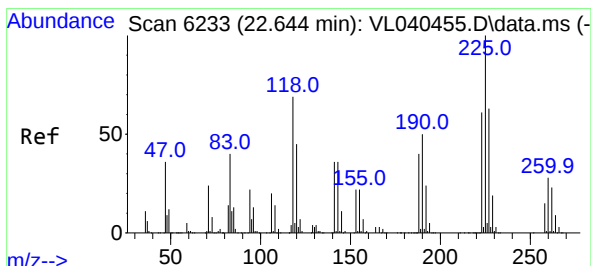
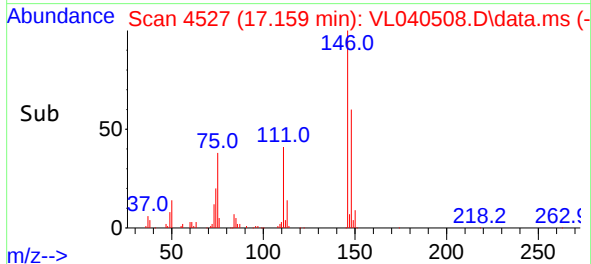
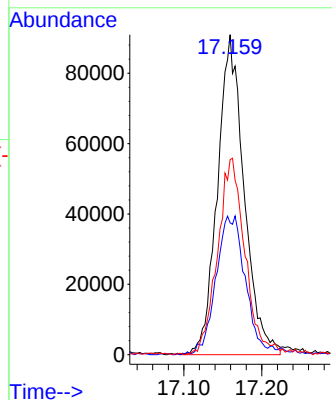
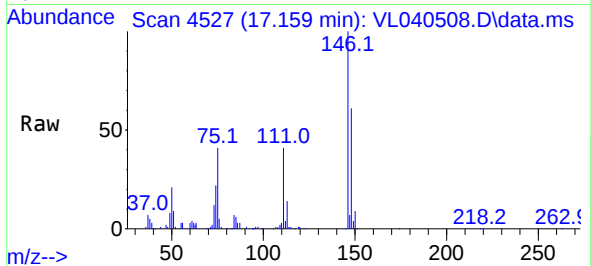




#77
1,2-Dichlorobenzene
Concen: 1.069 ppbv
RT: 17.159 min Scan# 4527
Delta R.T. 0.006 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

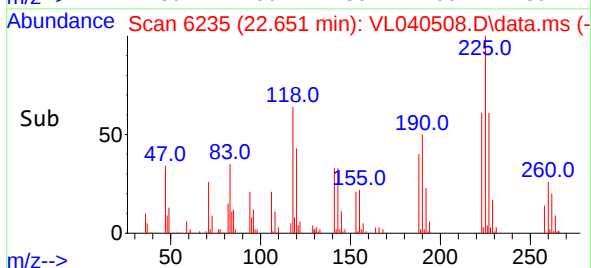
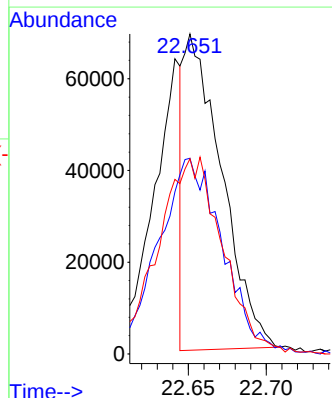
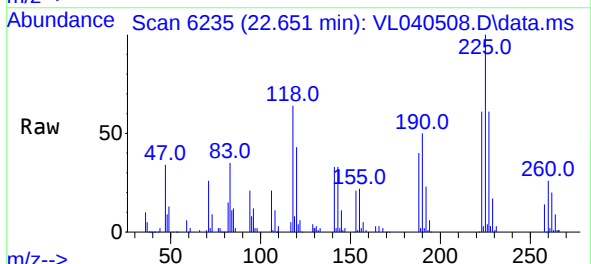
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

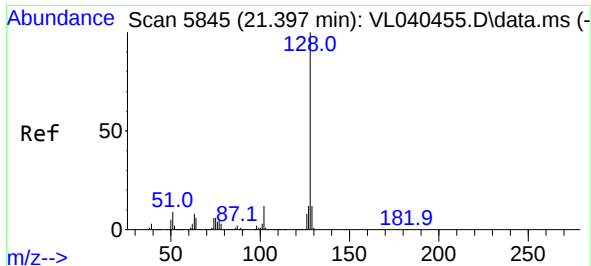
Tgt Ion:146 Resp: 215756
Ion Ratio Lower Upper
146 100
111 49.3 24.3 72.8
148 64.2 32.1 96.3



#78
Hexachloro-1,3-Butadiene
Concen: 0.611 ppbv
RT: 22.651 min Scan# 6235
Delta R.T. 0.003 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Tgt Ion:225 Resp: 115795
Ion Ratio Lower Upper
225 100
223 107.5 50.3 75.5#
227 107.7 51.0 76.6#

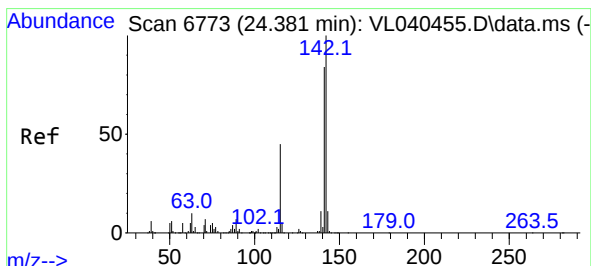
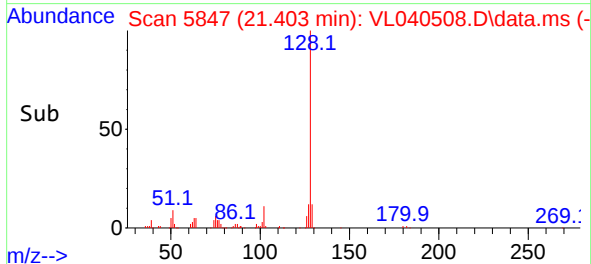
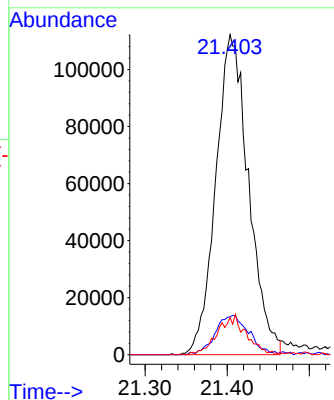
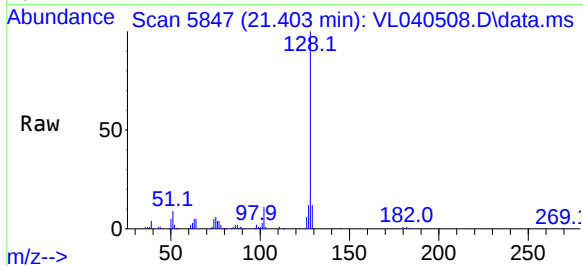




#79
Naphthalene
Concen: 1.056 ppbv
RT: 21.403 min Scan# 5847
Delta R.T. 0.010 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

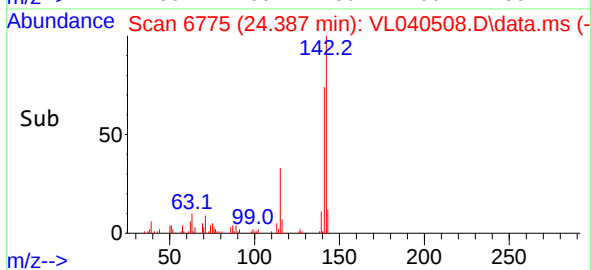
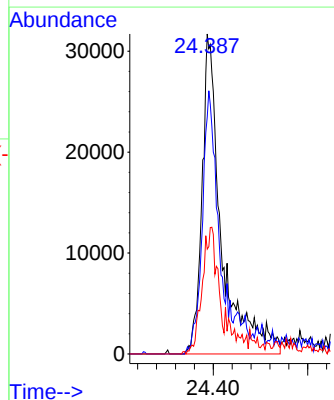
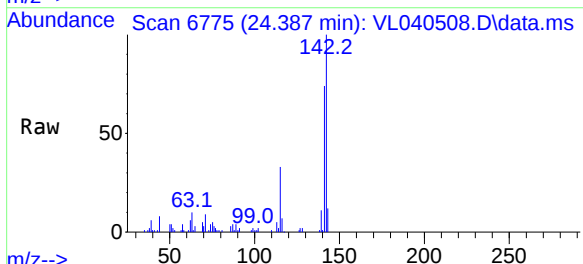
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 311068
Ion Ratio Lower Upper
128 100
127 11.9 10.7 16.1
129 11.5 9.2 13.8

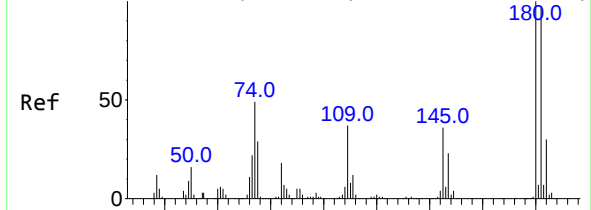


#80
Naphthalene,2-methyl-
Concen: 0.756 ppbv
RT: 24.387 min Scan# 6775
Delta R.T. 0.010 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Tgt Ion:142 Resp: 91803
Ion Ratio Lower Upper
142 100
141 74.2 66.7 100.1
115 38.0 33.0 49.6



Abundance Scan 5769 (21.153 min): VL040455.D\data.ms (-

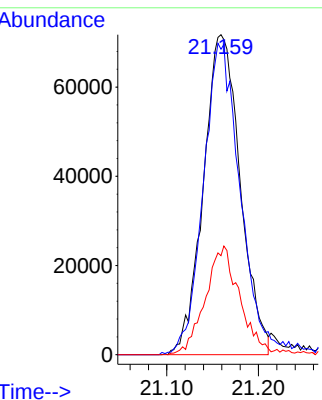
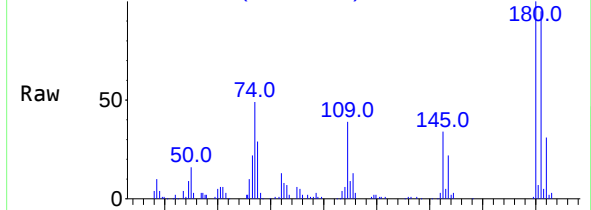


#81
1,2,4-Trichlorobenzene
Concen: 0.986 ppbv
RT: 21.159 min Scan# 51
Delta R.T. 0.010 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion:180 Resp: 200234
Ion Ratio Lower Upper
180 100
182 98.9 77.5 116.3
184 31.7 24.5 36.7

Abundance Scan 5771 (21.159 min): VL040508.D\data.ms



Abundance Scan 5771 (21.159 min): VL040508.D\data.ms (-

