

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080923\
 Data File : VL040606.D
 Acq On : 9 Aug 2023 15:13
 Operator : SY/MD
 Sample : VL0809ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0809ABS01

Quant Time: Aug 10 01:28:34 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	5.195	49	994635	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2414943	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2986983	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	2025251	8.567	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	85.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.719	85	1831798	9.207	ppbv	98
3) Chlorodifluoromethane	2.661	51	1622832	10.294	ppbv	95
4) Chloromethane	2.803	50	632418	10.126	ppbv	98
5) Vinyl Chloride	2.909	62	691394	10.543	ppbv	99
6) Bromomethane	3.111	94	298582	10.787	ppbv	98
7) Chloroethane	3.189	64	255795	11.117	ppbv	100
8) Dichlorotetrafluoroethane	2.845	85	1791350	10.944	ppbv	97
9) Propene	2.681	41	488233	9.046	ppbv	99
10) Heptane	7.587	43	1251673	10.503	ppbv	100
11) Trichlorofluoromethane	3.555	101	1863484	11.608	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.063	101	1311028	11.596	ppbv	95
13) Ethanol	3.234	45	79116	6.737	ppbv	98
14) Bromoethene	3.359	108	538705	11.081	ppbv	98
15) Acetone	3.459	43	1204844	10.524	ppbv	99
16) 1,3-Butadiene	2.973	39	629570	10.900	ppbv	97
17) tert-Butyl alcohol	3.874	59	1307968	11.045	ppbv	99
18) 1,1-Dichloroethene	3.874	96	586864	11.291	ppbv	98
19) Isopropyl Alcohol	3.571	45	641600	9.762	ppbv	# 95
20) Methylene Chloride	3.928	84	512597	10.526	ppbv	99
21) Allyl Chloride	3.992	41	694581	10.624	ppbv	93
22) trans-1,2-Dichloroethene	4.443	96	573003	11.173	ppbv	96
23) Vinyl Acetate	4.626	43	1244013	11.405	ppbv	99
24) 1,1-Dichloroethane	4.562	63	1202658	10.863	ppbv	99
25) Ethyl Acetate	5.208	43	2253500	10.339	ppbv	99
26) Hexane	5.214	57	996271	9.839	ppbv	95
27) Carbon Disulfide	4.121	76	1466576	12.313	ppbv	99
28) Methyl tert-Butyl Ether	4.584	73	841140	10.318	ppbv	100
29) Chloroform	5.275	83	1768881	10.532	ppbv	96
30) Cyclohexane	6.607	84	816152	9.686	ppbv	97
31) cis-1,2-Dichloroethene	5.079	61	1033332	10.324	ppbv	95
32) 1,1,1-Trichloroethane	6.008	97	1792465	10.907	ppbv	98
34) 2-Butanone	4.787	43	1353579	11.343	ppbv	97
35) Carbon Tetrachloride	6.497	117	1848644	12.720	ppbv	99
36) Benzene	6.375	78	2037366	10.485	ppbv	95
37) 1,2-Dichloroethane	5.812	62	1346132	11.776	ppbv	97
38) Trichloroethene	7.298	130	847075	11.525	ppbv	97
39) 1,2-Dichloropropane	7.082	63	796908	10.654	ppbv	92
40) 1,4-Dioxane	7.301	88	190444	8.140	ppbv	# 1
41) Tetrahydrofuran	5.555	42	748698	10.752	ppbv	97
42) Bromodichloromethane	7.256	83	1909185	12.008	ppbv	98
43) Methyl Methacrylate	7.481	69	848787	11.670	ppbv	95
44) 2,2,4-Trimethylpentane	7.333	57	3452453	11.043	ppbv	96
45) t-1,3-Dichloropropene	8.722	75	553305	11.859	ppbv	99

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 ALS Vial : 1 Sample Multiplier: 1

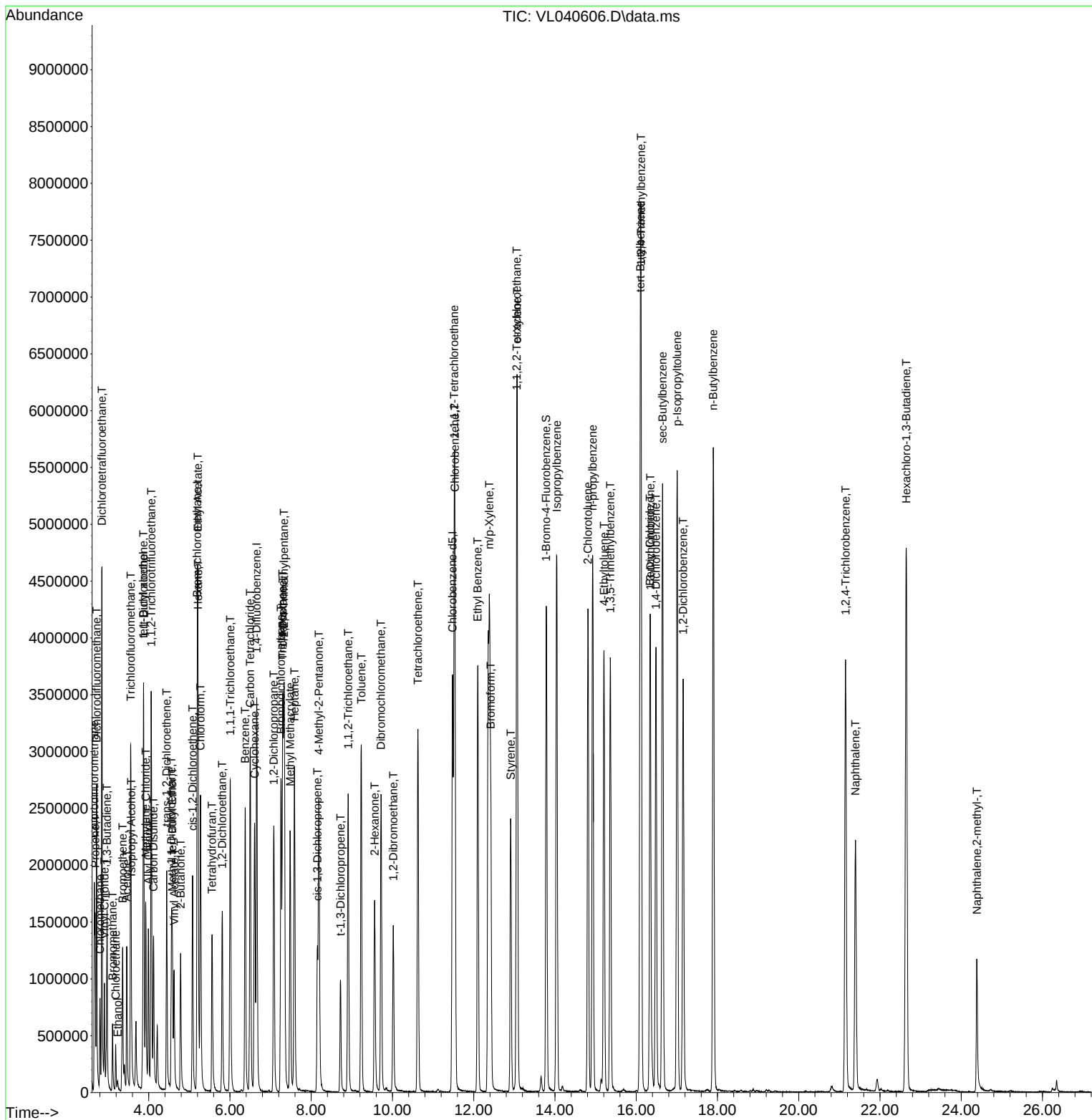
Instrument :
 MSVOA_L
 ClientSampleId :
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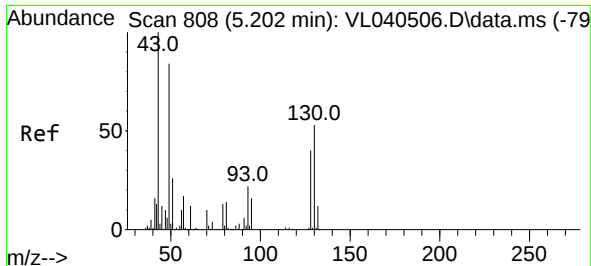
Quant Time: Aug 10 01:28:34 2023
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	680678	11.371	ppbv	89
47) 1,1,2-Trichloroethane	8.909	97	899858	10.903	ppbv	98
48) Dibromochloromethane	9.719	129	1548308	12.134	ppbv	99
49) Bromoform	12.420	173	1281686	12.670	ppbv	100
50) 4-Methyl-2-Pentanone	8.188	43	2080741	12.001	ppbv	96
51) 2-Hexanone	9.561	43	1479418	12.066	ppbv #	96
52) Tetrachloroethene	10.629	164	703055	11.173	ppbv	97
53) Toluene	9.233	91	2385684	11.303	ppbv	99
54) 1,2-Dibromoethane	10.021	107	1165113	11.358	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.523	131	1166960	8.724	ppbv	99
57) Chlorobenzene	11.539	112	1902146	8.166	ppbv	96
58) Ethyl Benzene	12.098	91	3315725	8.846	ppbv	98
59) m/p-Xylene	12.384	91	3111877	9.301	ppbv #	41
60) o-Xylene	13.069	91	2900846	9.102	ppbv	99
61) Styrene	12.912	104	1374916	9.352	ppbv	97
62) Isopropylbenzene	14.044	105	4171823	8.733	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.060	83	2068824	9.269	ppbv	100
64) n-propylbenzene	14.928	120	1088715	8.809	ppbv	92
65) tert-Butylbenzene	16.105	119	3732187	8.825	ppbv	96
66) Benzyl Chloride	16.339	91	309838	10.356	ppbv	94
67) sec-Butylbenzene	16.651	105	5367972	8.639	ppbv	99
69) p-Isopropyltoluene	17.008	119	4374567	8.519	ppbv	98
70) n-Butylbenzene	17.895	91	4894737	8.548	ppbv	99
71) 2-Chlorotoluene	14.812	91	3269084	8.880	ppbv	98
72) 4-Ethyltoluene	15.207	105	3390876	9.076	ppbv	97
73) 1,3,5-Trimethylbenzene	15.362	105	2936364	8.917	ppbv	94
74) 1,2,4-Trimethylbenzene	16.121	105	3355265	8.739	ppbv	97
75) 1,3-Dichlorobenzene	16.349	146	1910179	8.206	ppbv	99
76) 1,4-Dichlorobenzene	16.484	146	1894555	8.300	ppbv	99
77) 1,2-Dichlorobenzene	17.156	146	1821400	8.183	ppbv	98
78) Hexachloro-1,3-Butadiene	22.648	225	1301650	6.227	ppbv	99
79) Naphthalene	21.397	128	2701419	8.316	ppbv	98
80) Naphthalene,2-methyl-	24.384	142	730640	5.455	ppbv	97
81) 1,2,4-Trichlorobenzene	21.153	180	1590598	7.105	ppbv	100

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

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

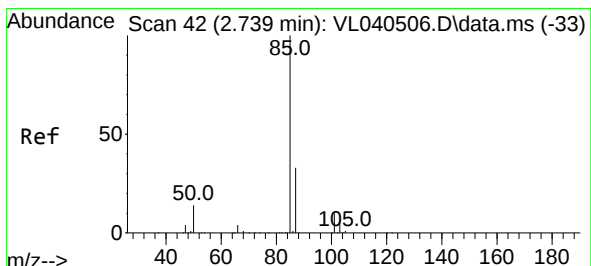
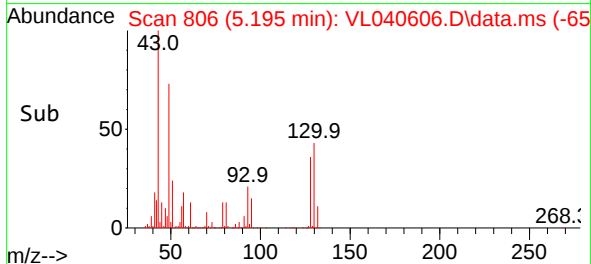
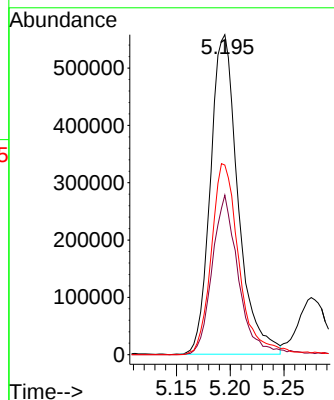
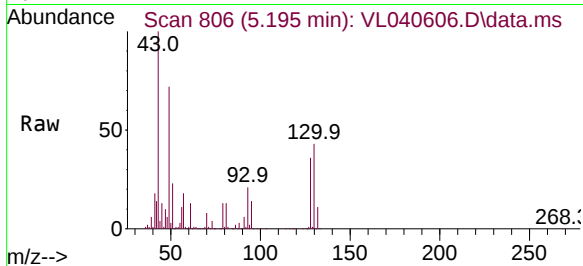




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.195 min Scan# 80
 Delta R.T. -0.007 min
 Lab File: VL040606.D
 Acq: 9 Aug 2023 15:13

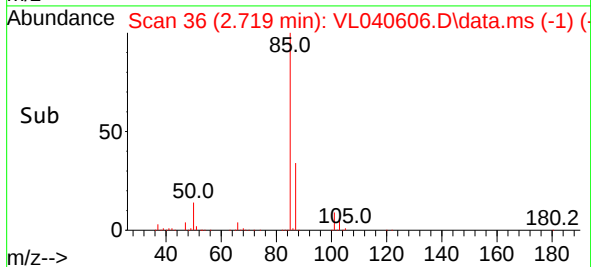
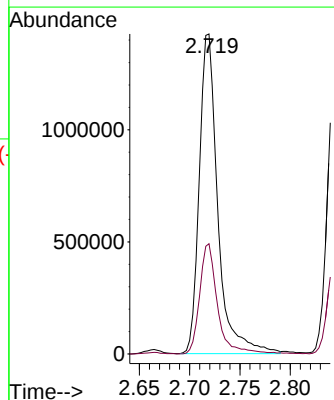
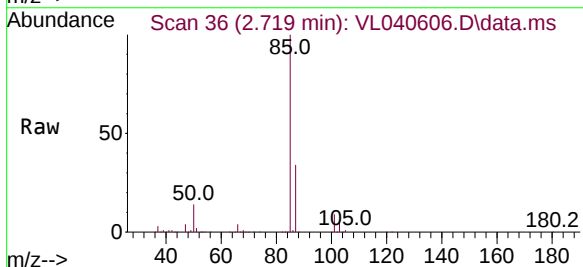
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0809ABS01

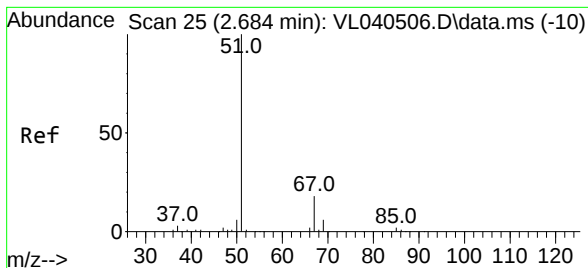
Tgt Ion: 49 Resp: 994635
 Ion Ratio Lower Upper
 49 100
 128 48.5 25.1 75.4
 130 61.0 31.6 94.7



#2
 Dichlorodifluoromethane
 Concen: 9.207 ppbv
 RT: 2.719 min Scan# 36
 Delta R.T. -0.019 min
 Lab File: VL040606.D
 Acq: 9 Aug 2023 15:13

Tgt Ion: 85 Resp: 1831798
 Ion Ratio Lower Upper
 85 100
 87 34.4 26.8 40.2

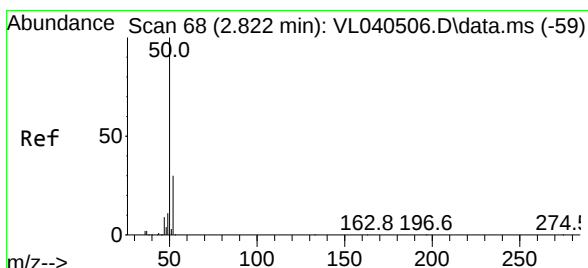
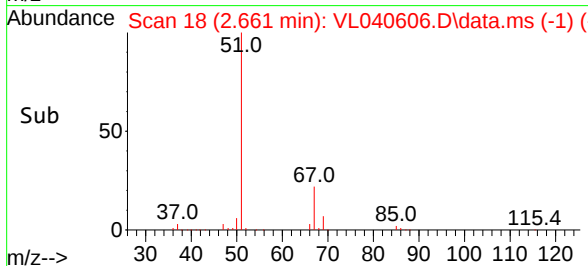
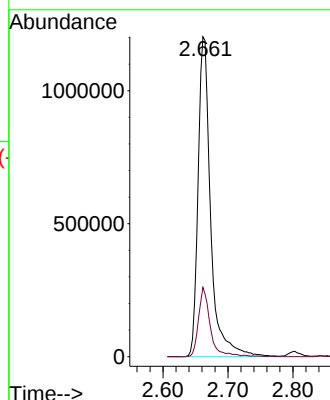
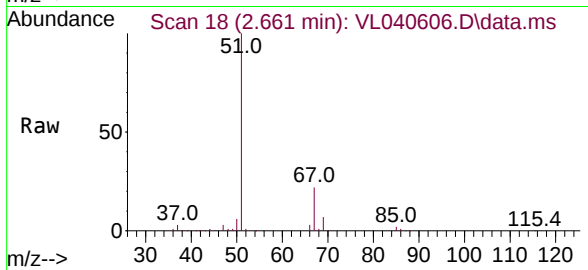




#3
Chlorodifluoromethane
Concen: 10.294 ppbv
RT: 2.661 min Scan# 11
Delta R.T. -0.023 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

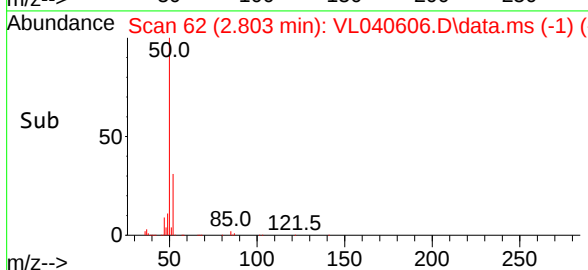
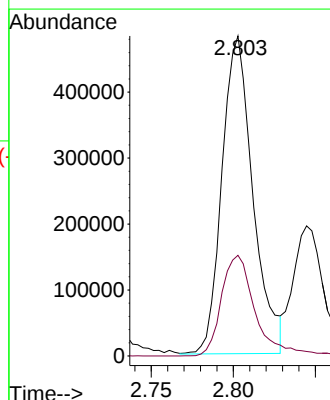
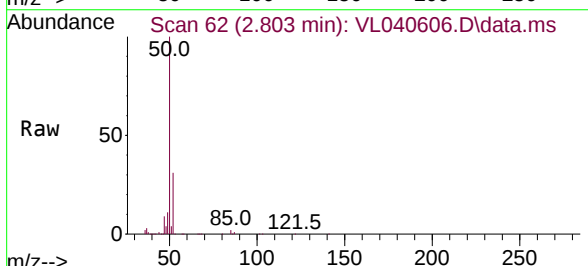
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ClientSampleId :
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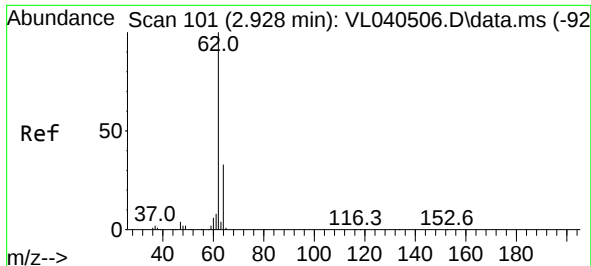
Tgt Ion: 51 Resp: 1622832
Ion Ratio Lower Upper
51 100
67 20.4 14.6 21.8



#4
Chloromethane
Concen: 10.126 ppbv
RT: 2.803 min Scan# 62
Delta R.T. -0.019 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

Tgt Ion: 50 Resp: 632418
Ion Ratio Lower Upper
50 100
52 31.7 24.4 36.6

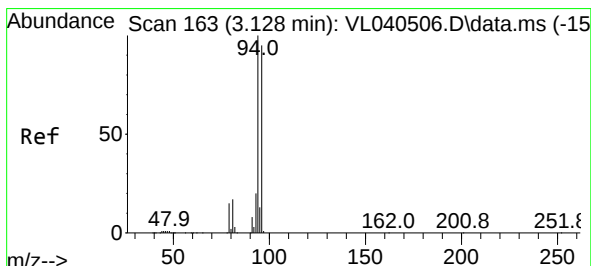
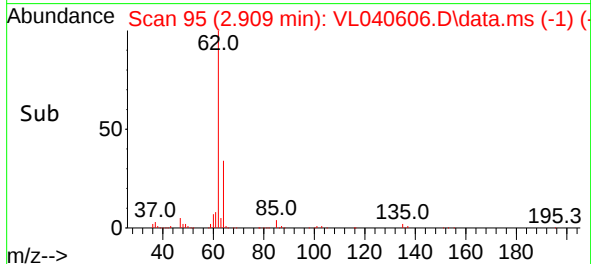
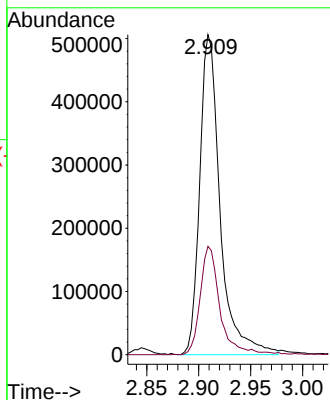
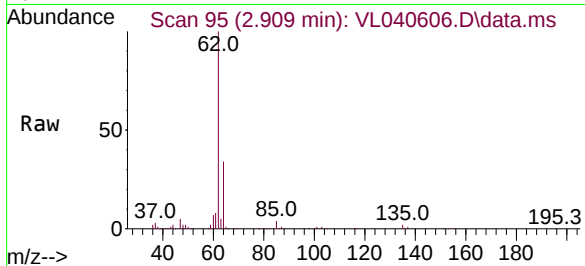




#5
 Vinyl Chloride
 Concen: 10.543 ppbv
 RT: 2.909 min Scan# 91
 Delta R.T. -0.019 min
 Lab File: VL040606.D
 Acq: 9 Aug 2023 15:13

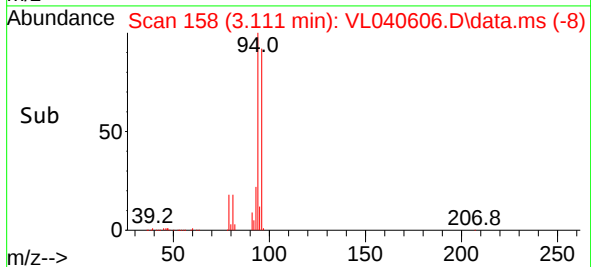
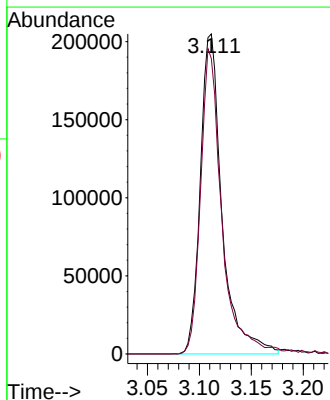
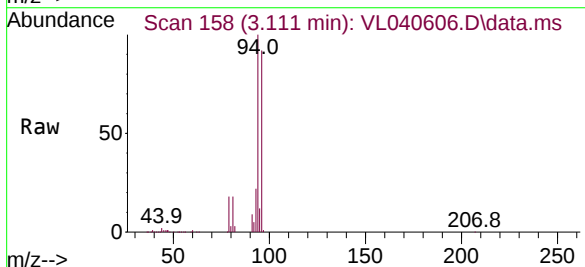
Instrument :
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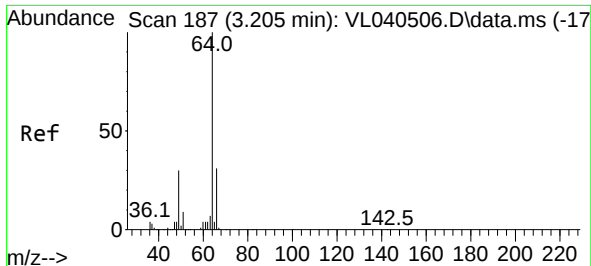
Tgt Ion: 62 Resp: 691394
 Ion Ratio Lower Upper
 62 100
 64 33.8 26.4 39.6



#6
 Bromomethane
 Concen: 10.787 ppbv
 RT: 3.111 min Scan# 158
 Delta R.T. -0.016 min
 Lab File: VL040606.D
 Acq: 9 Aug 2023 15:13

Tgt Ion: 94 Resp: 298582
 Ion Ratio Lower Upper
 94 100
 96 92.3 75.7 113.5

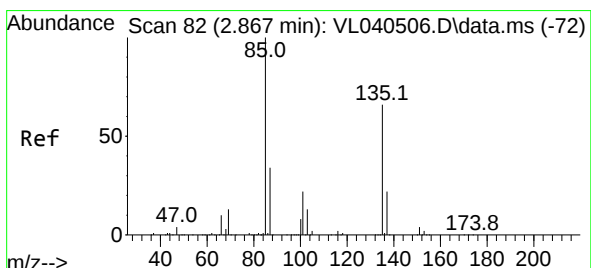
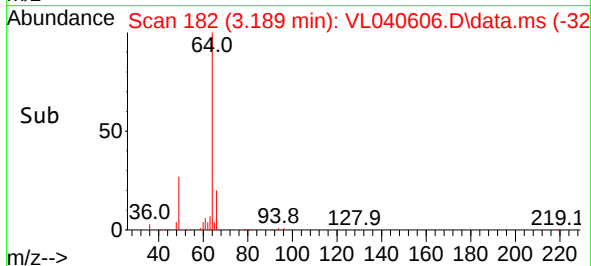
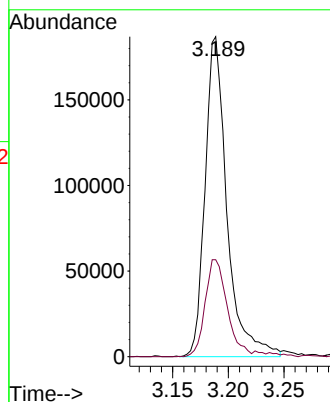
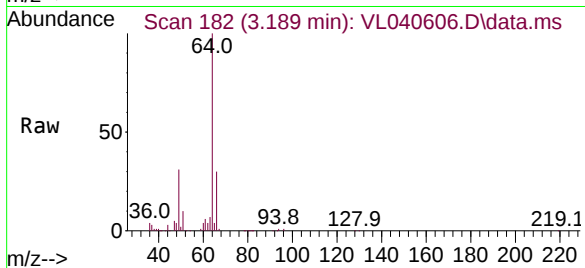




#7
Chloroethane
Concen: 11.117 ppbv
RT: 3.189 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

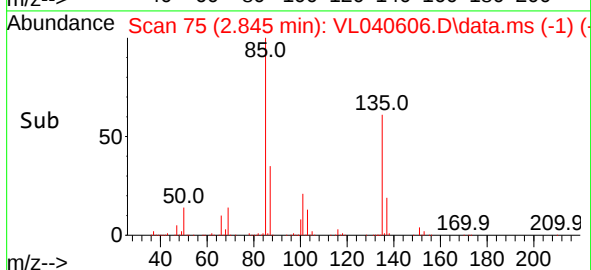
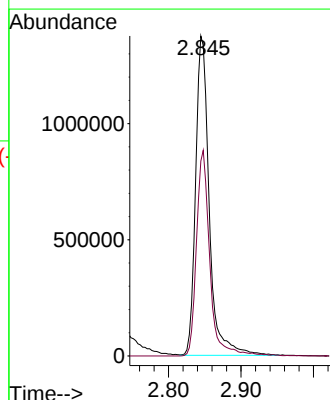
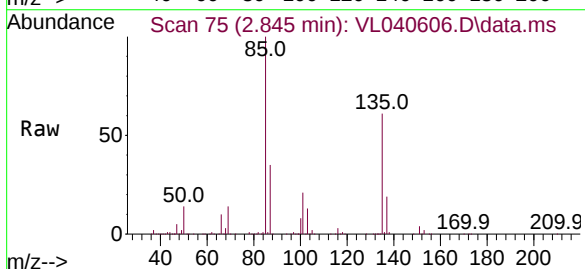
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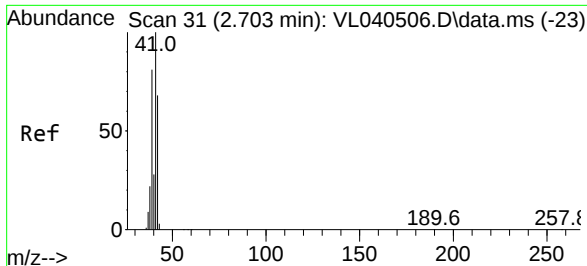
Tgt Ion: 64 Resp: 255795
Ion Ratio Lower Upper
64 100
66 30.3 24.4 36.6



#8
Dichlorotetrafluoroethane
Concen: 10.944 ppbv
RT: 2.845 min Scan# 75
Delta R.T. -0.023 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

Tgt Ion: 85 Resp: 1791350
Ion Ratio Lower Upper
85 100
135 63.4 52.4 78.6

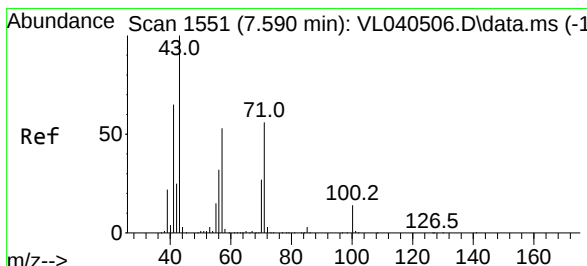
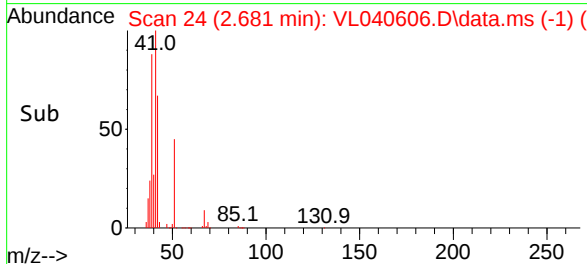
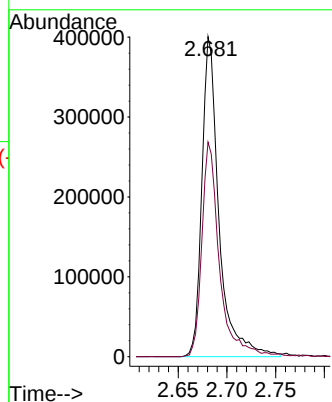
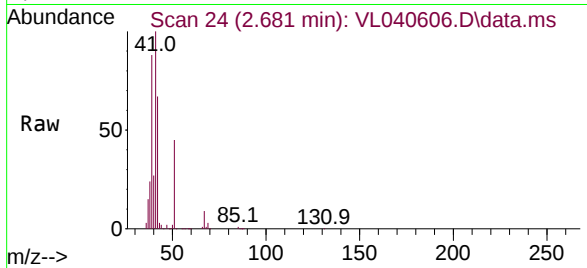




#9
 Propene
 Concen: 9.046 ppbv
 RT: 2.681 min Scan# 24
 Delta R.T. -0.023 min
 Lab File: VL040606.D
 Acq: 9 Aug 2023 15:13

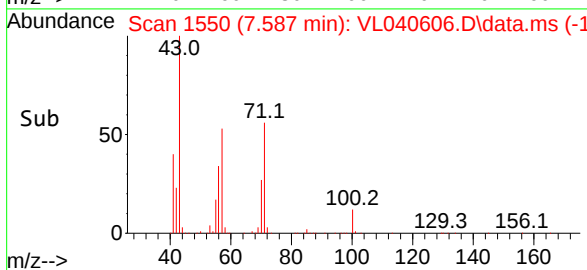
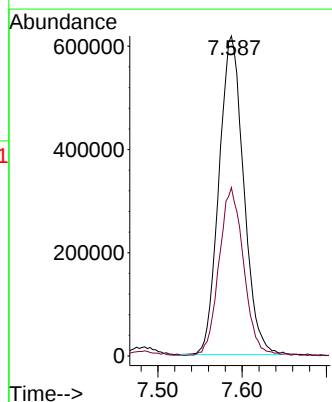
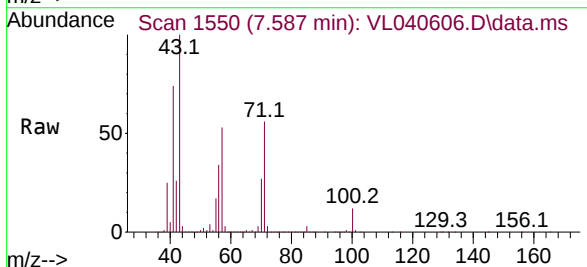
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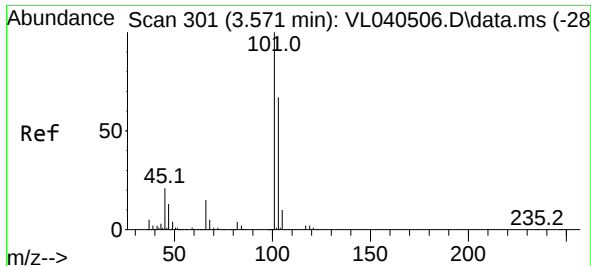
Tgt Ion: 41 Resp: 488233
 Ion Ratio Lower Upper
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 42 69.6 55.0 82.6



#10
 Heptane
 Concen: 10.503 ppbv
 RT: 7.587 min Scan# 1550
 Delta R.T. -0.003 min
 Lab File: VL040606.D
 Acq: 9 Aug 2023 15:13

Tgt Ion: 43 Resp: 1251673
 Ion Ratio Lower Upper
 43 100
 57 52.9 42.5 63.7

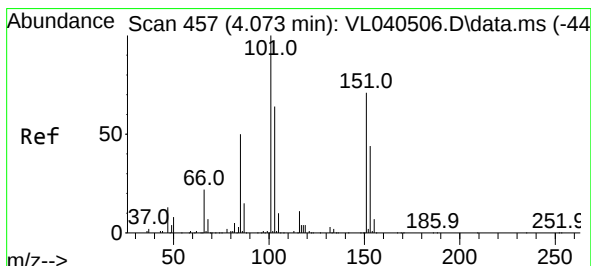
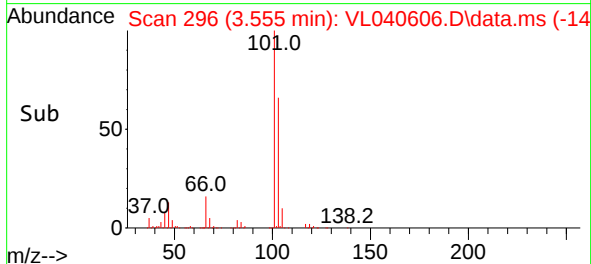
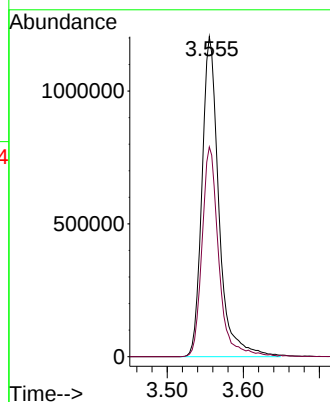
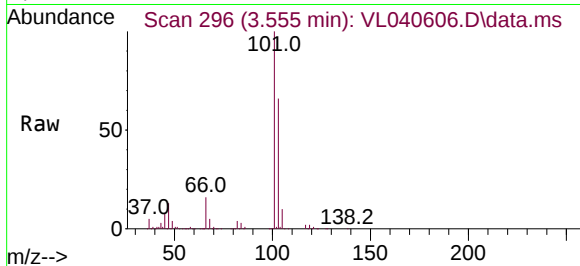




#11
 Trichlorofluoromethane
 Concen: 11.608 ppbv
 RT: 3.555 min Scan# 296
 Delta R.T. -0.016 min
 Lab File: VL040606.D
 Acq: 9 Aug 2023 15:13

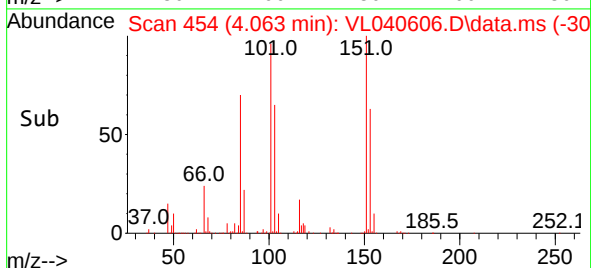
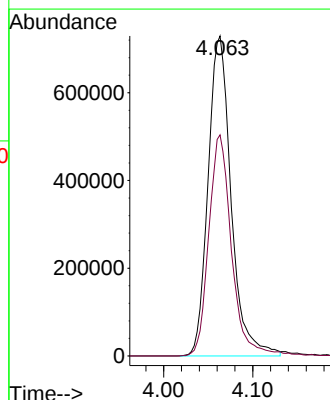
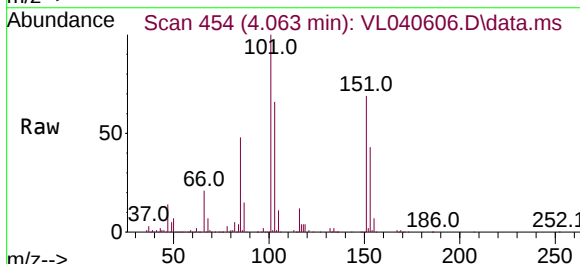
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0809ABS01

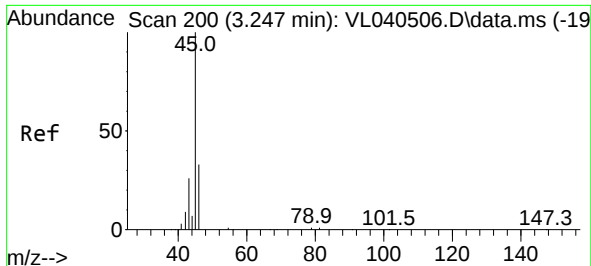
Tgt Ion:101 Resp: 1863484
 Ion Ratio Lower Upper
 101 100
 103 65.6 53.4 80.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.596 ppbv
 RT: 4.063 min Scan# 454
 Delta R.T. -0.010 min
 Lab File: VL040606.D
 Acq: 9 Aug 2023 15:13

Tgt Ion:101 Resp: 1311028
 Ion Ratio Lower Upper
 101 100
 151 68.5 58.2 87.4

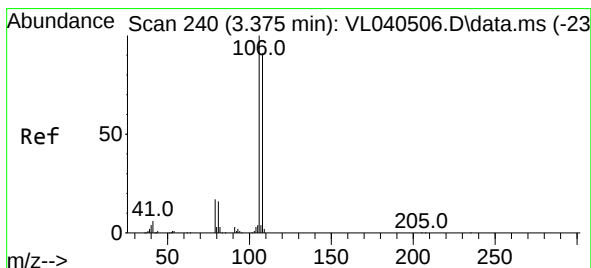
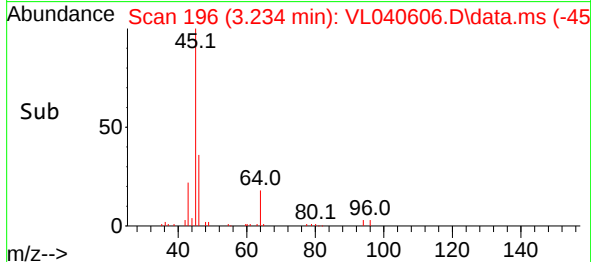
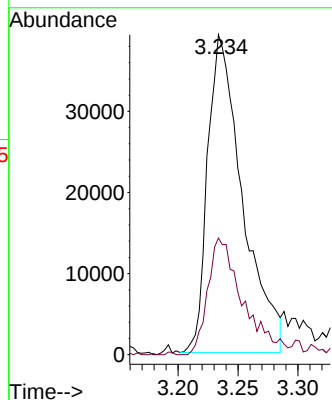
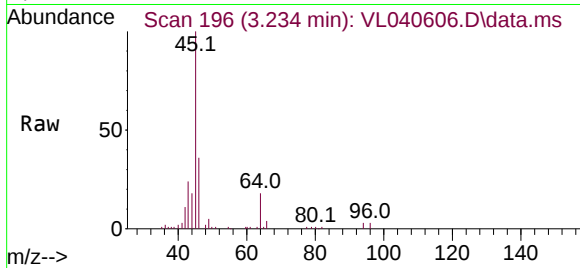




#13
Ethanol
Concen: 6.737 ppbv
RT: 3.234 min Scan# 196
Delta R.T. -0.013 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

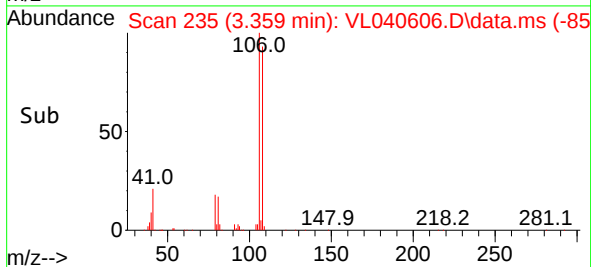
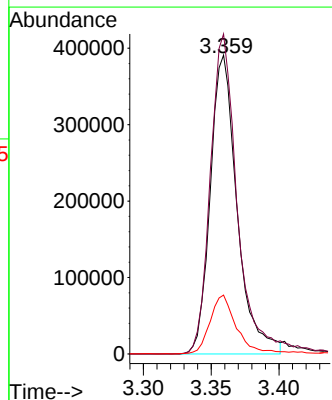
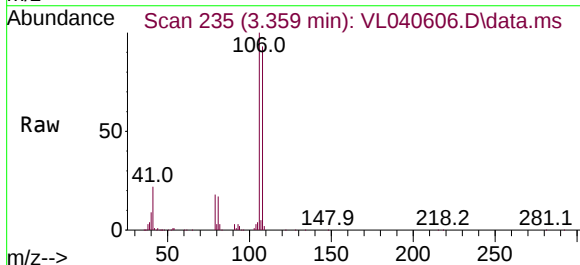
Instrument :
MSVOA_L
ClientSampleId :
VL0809ABS01

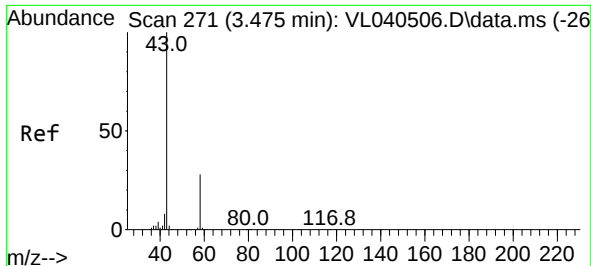
Tgt Ion: 45 Resp: 79116
Ion Ratio Lower Upper
45 100
46 37.0 15.3 61.1



#14
Bromoethene
Concen: 11.081 ppbv
RT: 3.359 min Scan# 235
Delta R.T. -0.016 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

Tgt Ion: 108 Resp: 538705
Ion Ratio Lower Upper
108 100
106 110.5 87.2 130.8
79 20.6 15.3 22.9

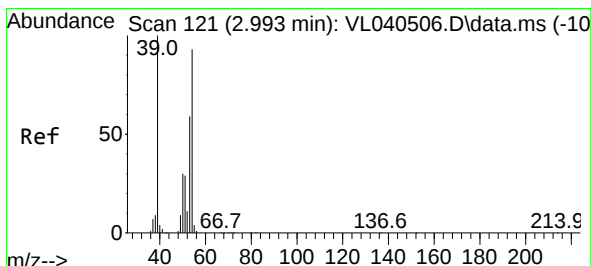
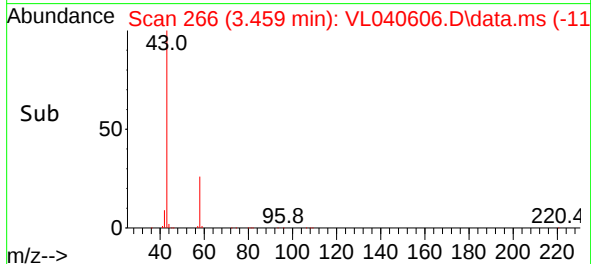
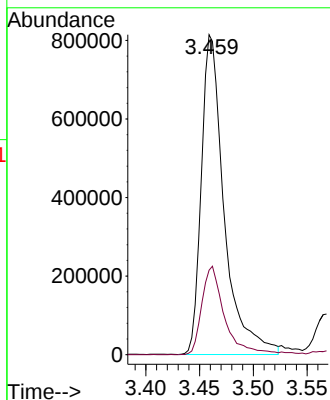
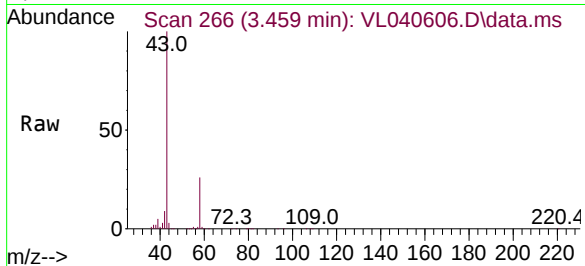




#15
Acetone
Concen: 10.524 ppbv
RT: 3.459 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

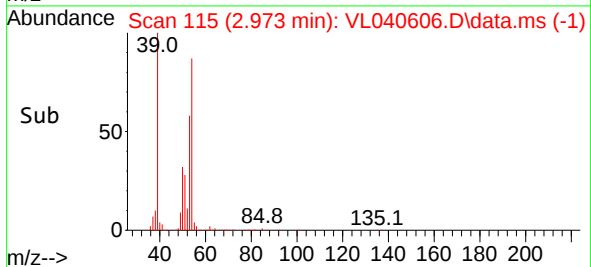
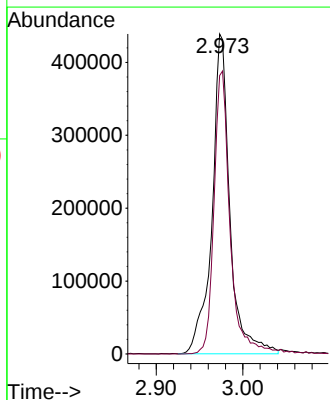
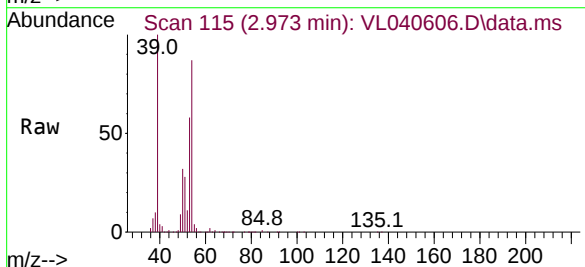
Instrument :
MSVOA_L
ClientSampleId :
VL0809ABS01

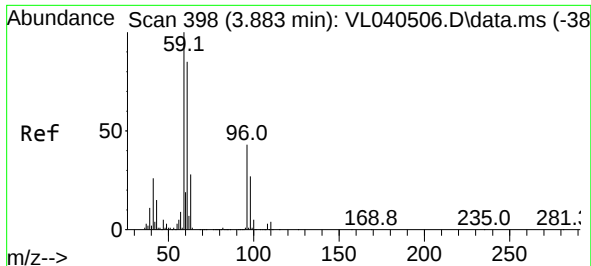
Tgt Ion: 43 Resp: 1204844
Ion Ratio Lower Upper
43 100
58 28.0 22.9 34.3



#16
1,3-Butadiene
Concen: 10.900 ppbv
RT: 2.973 min Scan# 115
Delta R.T. -0.019 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

Tgt Ion: 39 Resp: 629570
Ion Ratio Lower Upper
39 100
54 80.6 66.6 100.0





#17

tert-Butyl alcohol

Concen: 11.045 ppbv

RT: 3.874 min Scan# 395

Delta R.T. -0.010 min

Lab File: VL040606.D

Acq: 9 Aug 2023 15:13

Instrument :

MSVOA_L

ClientSampleId :

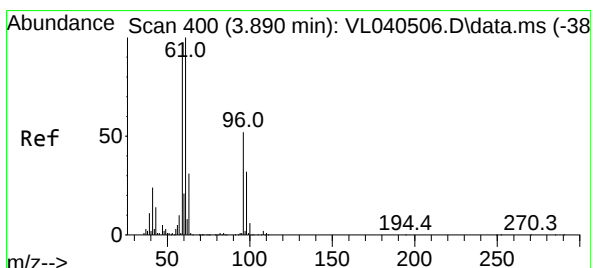
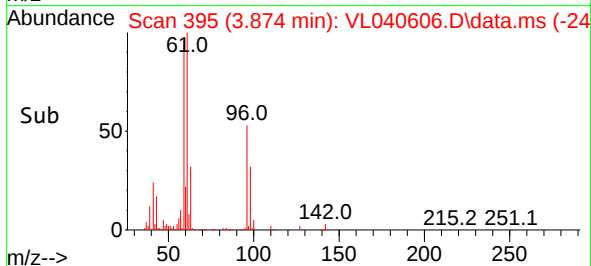
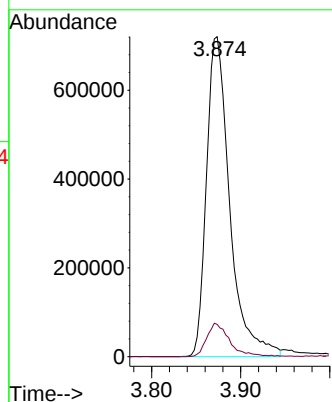
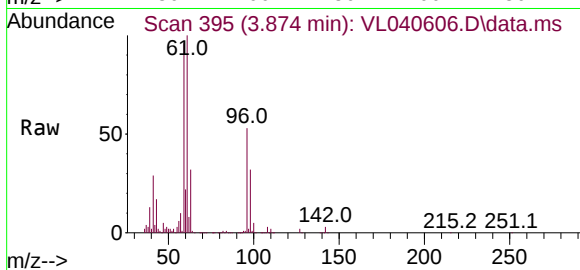
VL0809ABS01

Tgt Ion: 59 Resp: 1307968

Ion Ratio Lower Upper

59 100

57 10.5 8.7 13.1



#18

1,1-Dichloroethene

Concen: 11.291 ppbv

RT: 3.874 min Scan# 395

Delta R.T. -0.016 min

Lab File: VL040606.D

Acq: 9 Aug 2023 15:13

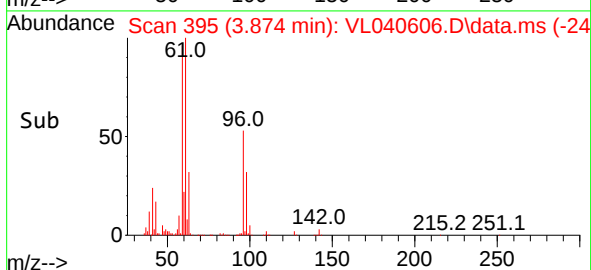
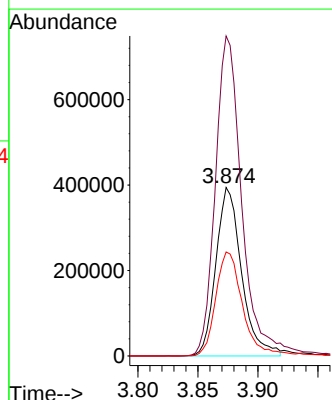
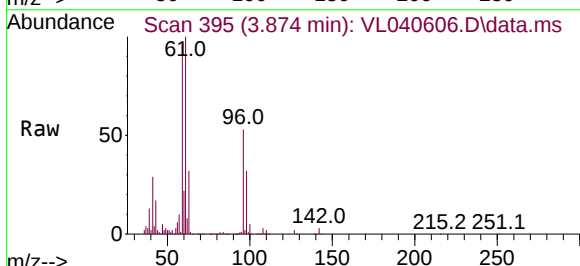
Tgt Ion: 96 Resp: 586864

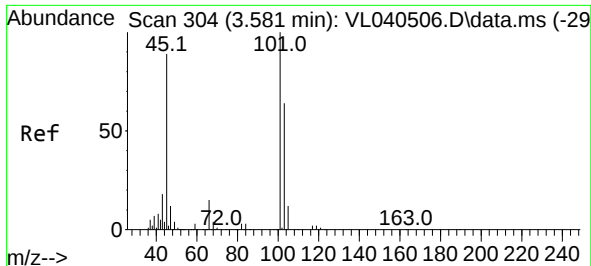
Ion Ratio Lower Upper

96 100

61 189.9 154.4 231.6

98 61.7 50.0 75.0

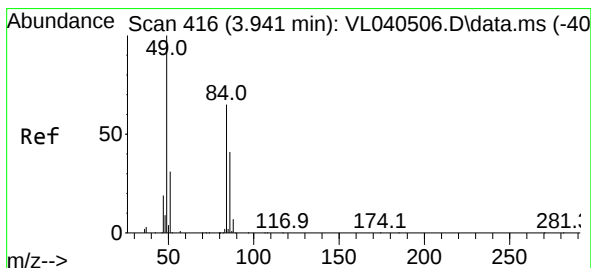
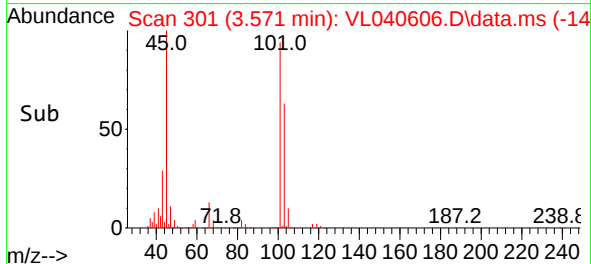
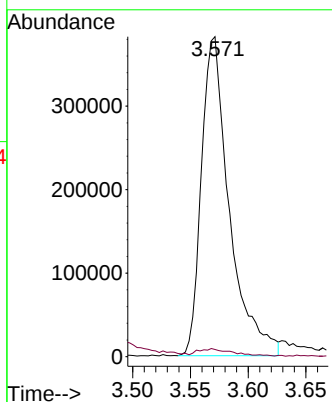
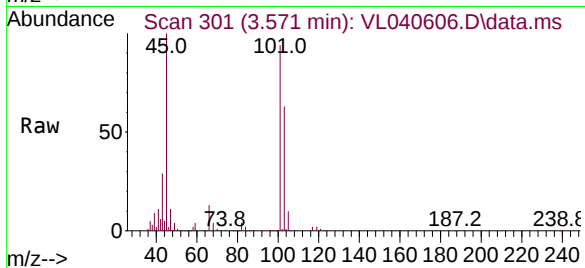




#19
Isopropyl Alcohol
Concen: 9.762 ppbv
RT: 3.571 min Scan# 304
Delta R.T. -0.010 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

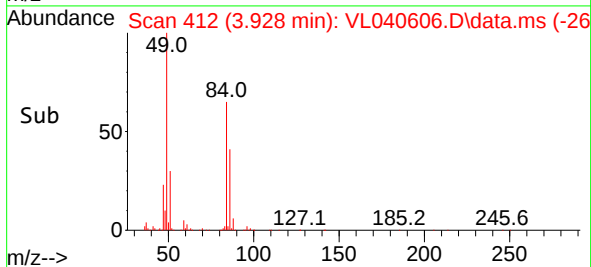
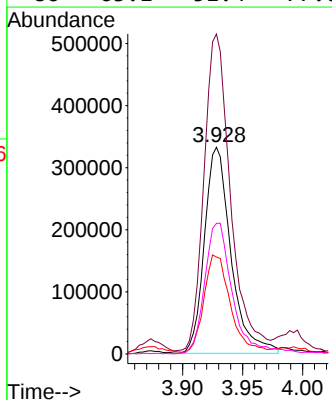
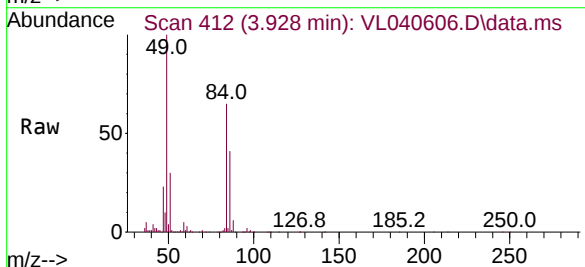
Instrument :
MSVOA_L
ClientSampleId :
VL0809ABS01

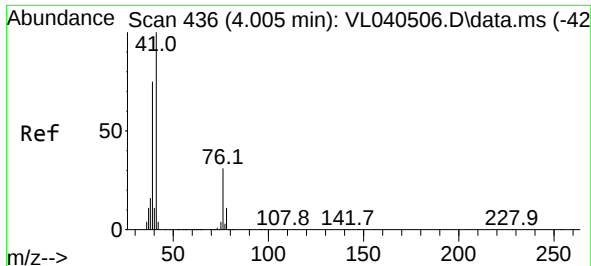
Tgt Ion: 45 Resp: 641600
Ion Ratio Lower Upper
45 100
58 3.3 1.1 1.7#



#20
Methylene Chloride
Concen: 10.526 ppbv
RT: 3.928 min Scan# 412
Delta R.T. -0.013 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

Tgt Ion: 84 Resp: 512597
Ion Ratio Lower Upper
84 100
49 153.5 123.4 185.2
51 46.0 38.3 57.5
86 63.1 51.4 77.0

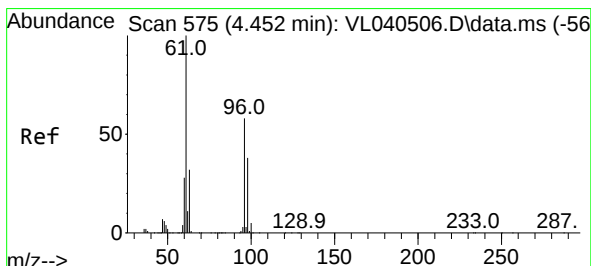
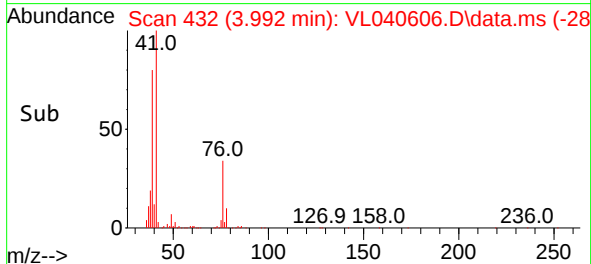
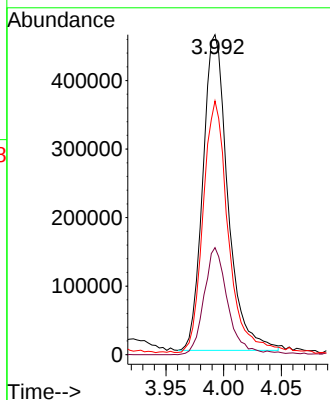
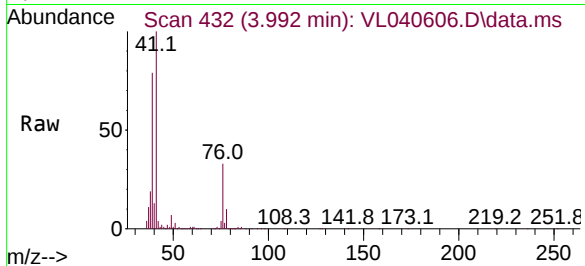




#21
 Allyl Chloride
 Concen: 10.624 ppbv
 RT: 3.992 min Scan# 41
 Delta R.T. -0.013 min
 Lab File: VL040606.D
 Acq: 9 Aug 2023 15:13

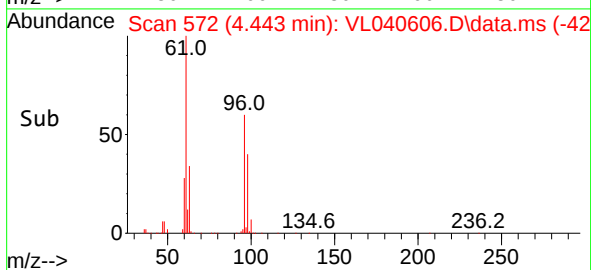
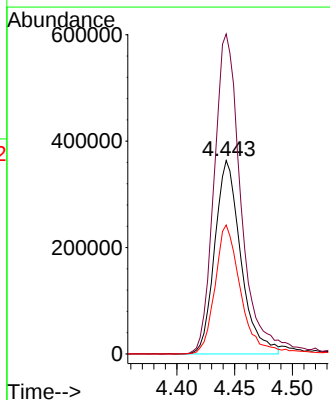
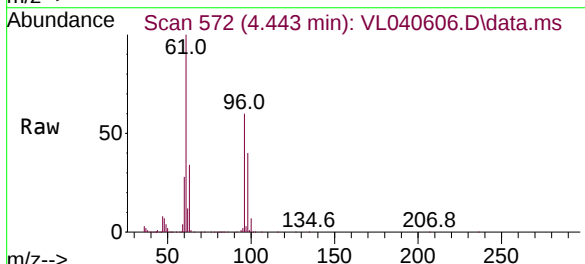
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0809ABS01

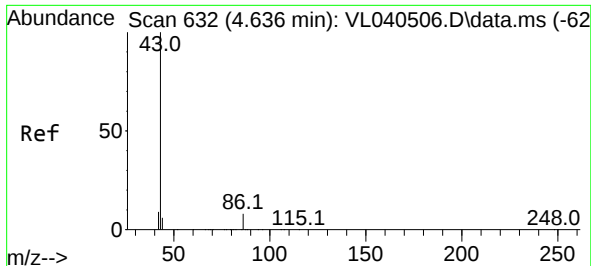
Tgt Ion: 41 Resp: 694581
 Ion Ratio Lower Upper
 41 100
 76 32.8 24.8 37.2
 39 82.7 60.6 91.0



#22
 trans-1,2-Dichloroethene
 Concen: 11.173 ppbv
 RT: 4.443 min Scan# 572
 Delta R.T. -0.010 min
 Lab File: VL040606.D
 Acq: 9 Aug 2023 15:13

Tgt Ion: 96 Resp: 573003
 Ion Ratio Lower Upper
 96 100
 61 165.4 137.7 206.5
 98 66.6 52.9 79.3



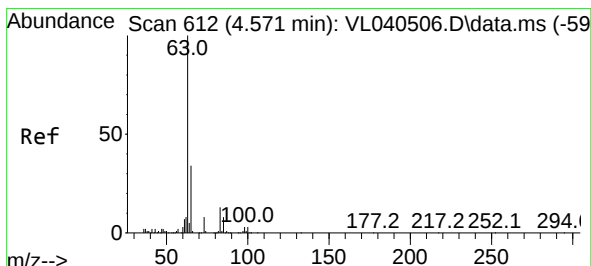
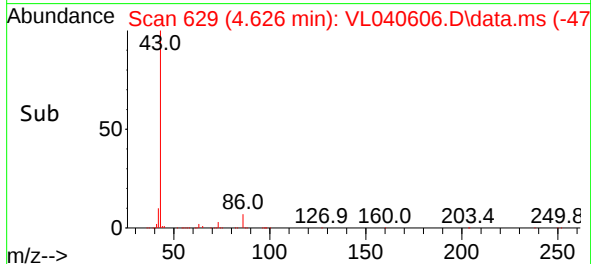
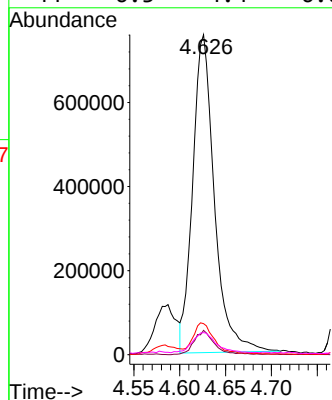
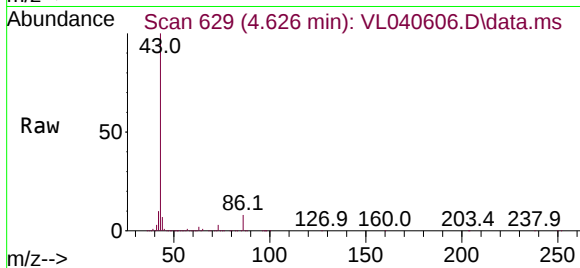


#23
 Vinyl Acetate
 Concen: 11.405 ppbv
 RT: 4.626 min Scan# 610
 Delta R.T. -0.010 min
 Lab File: VL040606.D
 Acq: 9 Aug 2023 15:13

Instrument :
 MSVOA_1
 ClientSampleId :
 VL0809ABS01

Tgt Ion: 43 Resp: 1244013

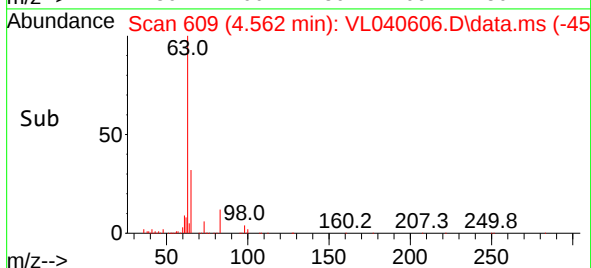
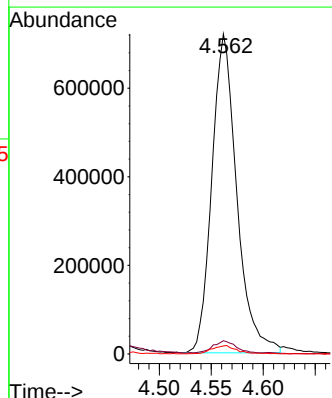
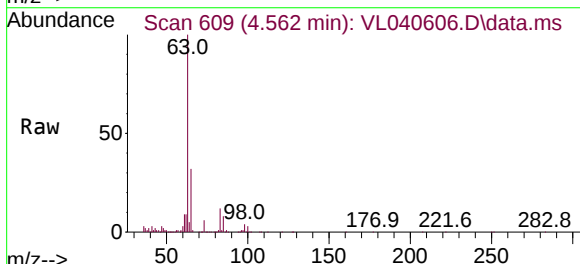
Ion	Ratio	Lower	Upper
43	100		
86	7.6	5.6	8.4
42	9.6	7.4	11.2
44	6.3	4.4	6.6

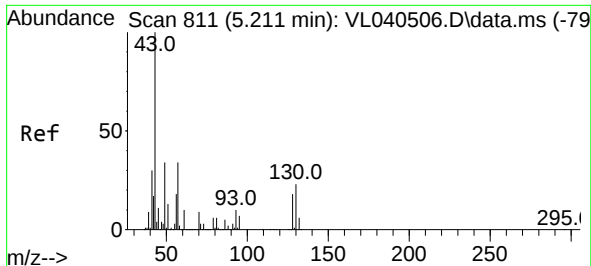


#24
 1,1-Dichloroethane
 Concen: 10.863 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. -0.010 min
 Lab File: VL040606.D
 Acq: 9 Aug 2023 15:13

Tgt Ion: 63 Resp: 1202658

Ion	Ratio	Lower	Upper
63	100		
98	4.0	1.8	5.5
100	2.5	1.4	4.0



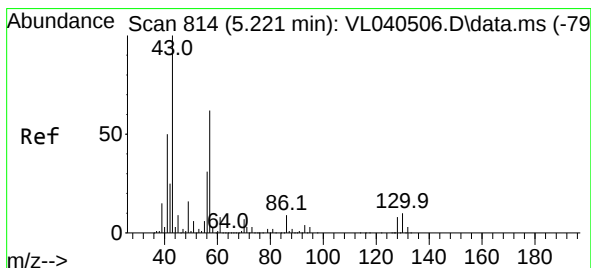
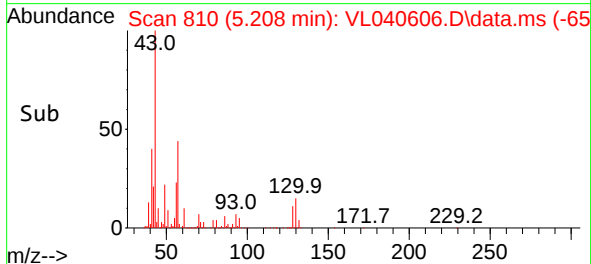
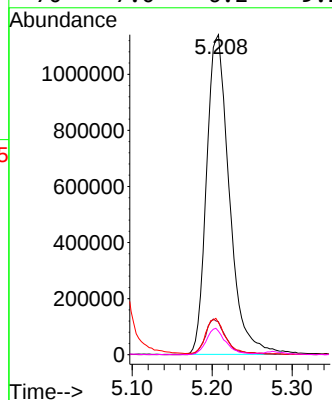
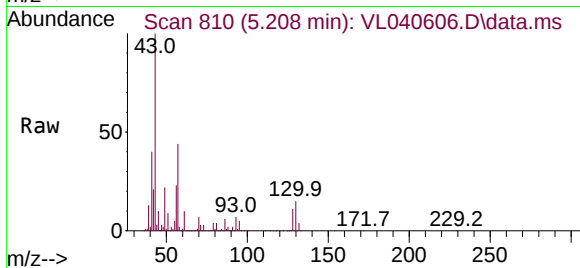


#25
Ethyl Acetate
Concen: 10.339 ppbv
RT: 5.208 min Scan# 811
Delta R.T. -0.003 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

Instrument :
MSVOA_L
ClientSampleId :
VL0809ABS01

Tgt Ion: 43 Resp: 2253500

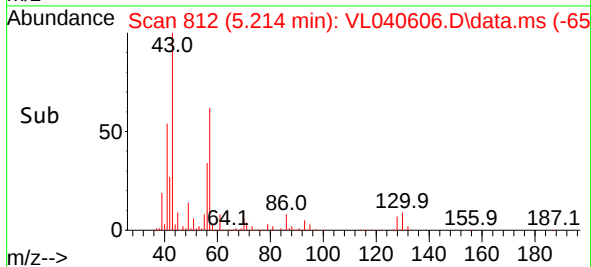
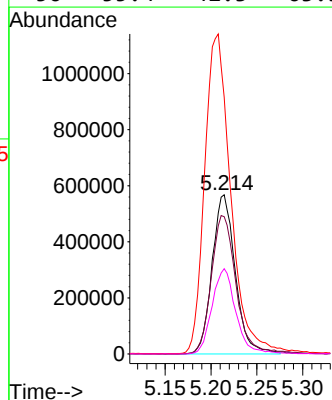
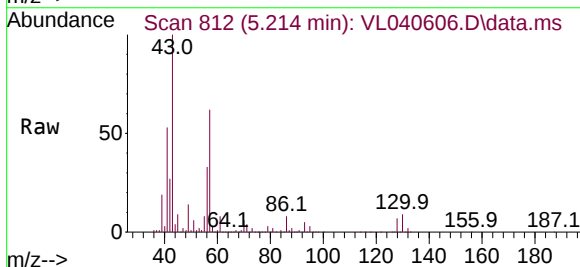
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.2	12.4
61	10.4	8.3	12.5
70	7.0	6.2	9.2

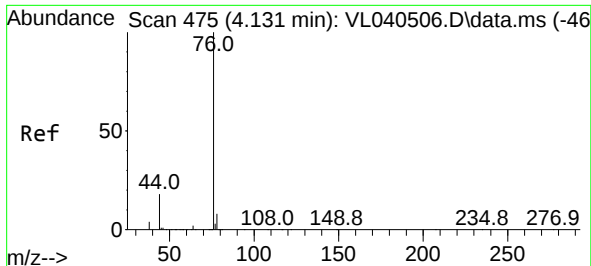


#26
Hexane
Concen: 9.839 ppbv
RT: 5.214 min Scan# 812
Delta R.T. -0.006 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

Tgt Ion: 57 Resp: 996271

Ion	Ratio	Lower	Upper
57	100		
41	93.5	69.5	104.3
43	228.1	177.1	265.7
56	55.4	42.3	63.5

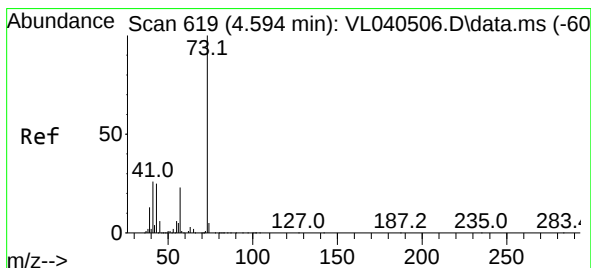
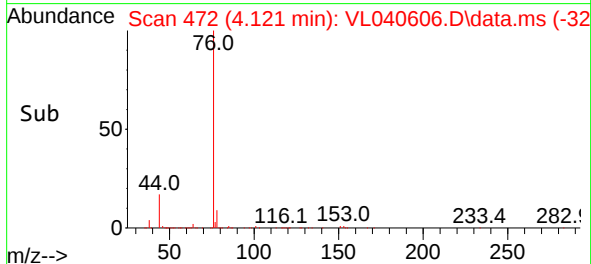
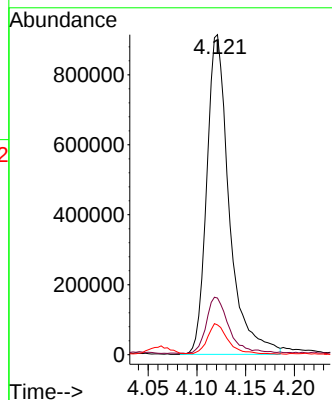
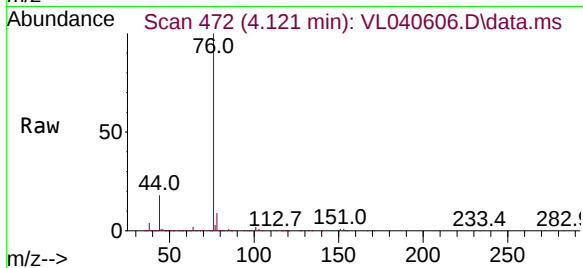




#27
Carbon Disulfide
Concen: 12.313 ppbv
RT: 4.121 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

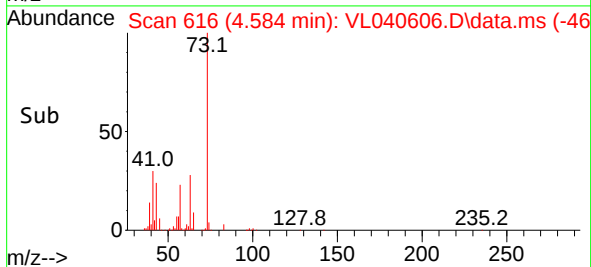
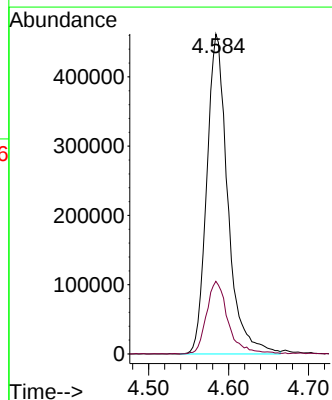
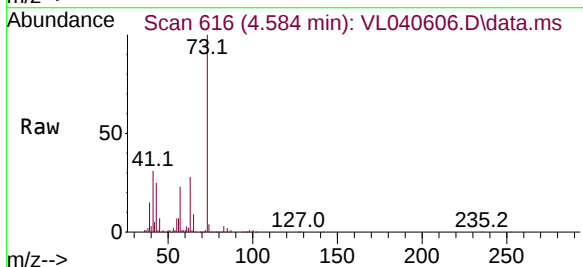
Instrument :
MSVOA_L
ClientSampleId :
VL0809ABS01

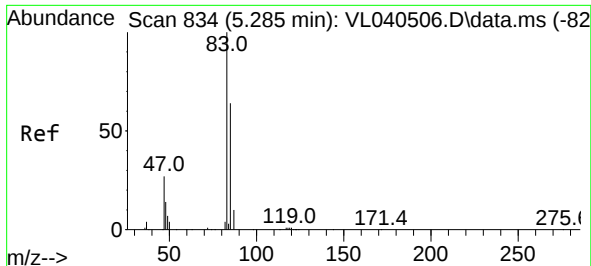
Tgt Ion: 76 Resp: 1466576
Ion Ratio Lower Upper
76 100
44 18.1 15.1 22.7
78 9.3 7.5 11.3



#28
Methyl tert-Butyl Ether
Concen: 10.318 ppbv
RT: 4.584 min Scan# 616
Delta R.T. -0.010 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

Tgt Ion: 73 Resp: 841140
Ion Ratio Lower Upper
73 100
57 23.6 18.8 28.2

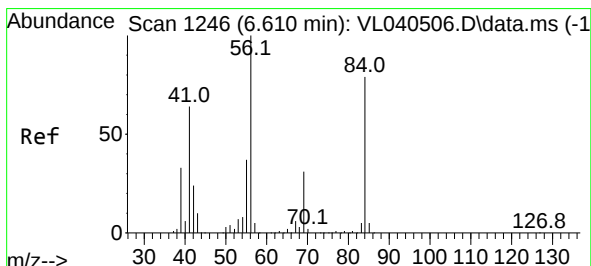
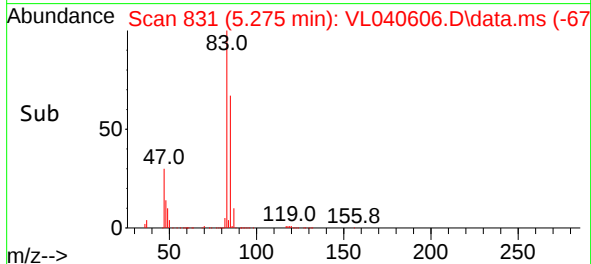
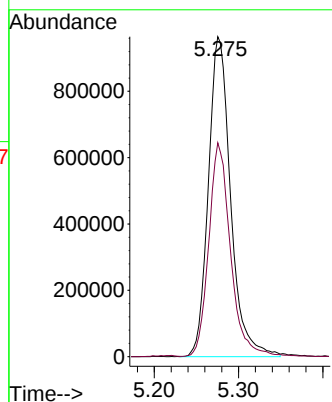
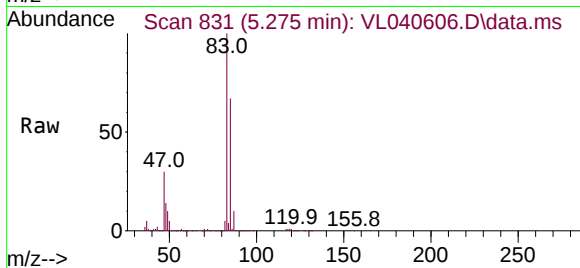




#29
Chloroform
Concen: 10.532 ppbv
RT: 5.275 min Scan# 81
Delta R.T. -0.010 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

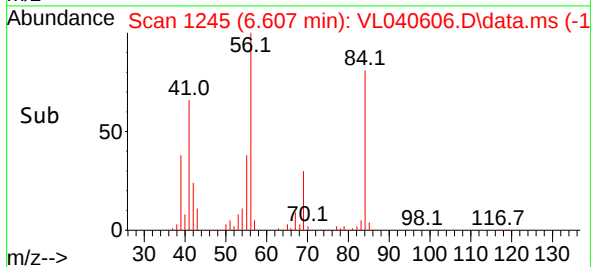
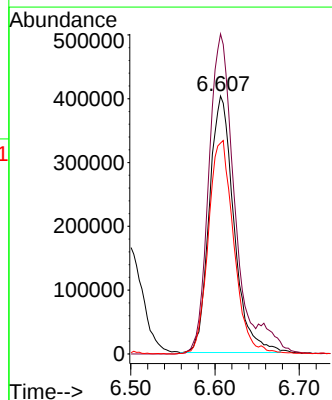
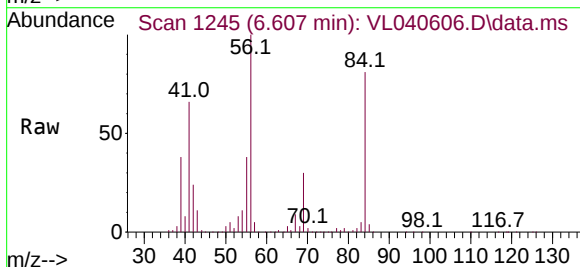
Instrument :
MSVOA_L
ClientSampleId :
VL0809ABS01

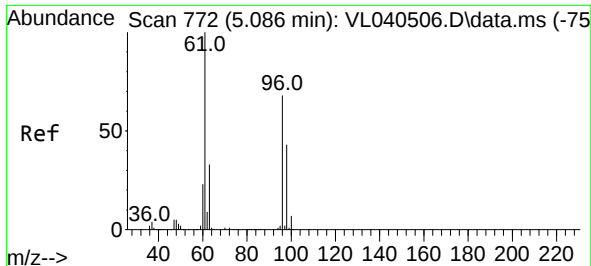
Tgt Ion: 83 Resp: 1768881
Ion Ratio Lower Upper
83 100
85 66.7 51.1 76.7



#30
Cyclohexane
Concen: 9.686 ppbv
RT: 6.607 min Scan# 1245
Delta R.T. -0.003 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

Tgt Ion: 84 Resp: 816152
Ion Ratio Lower Upper
84 100
56 134.2 108.7 163.1
41 86.7 64.5 96.7



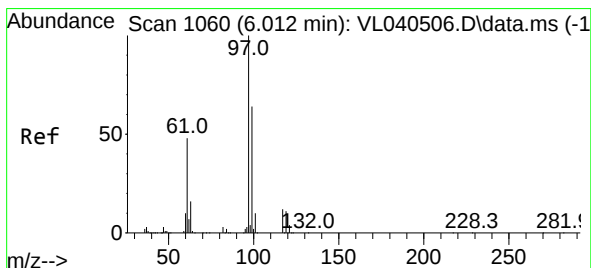
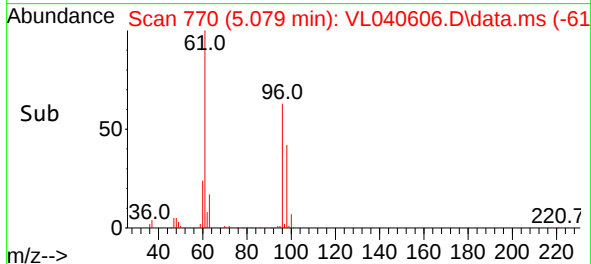
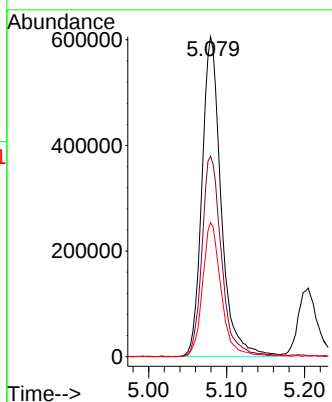
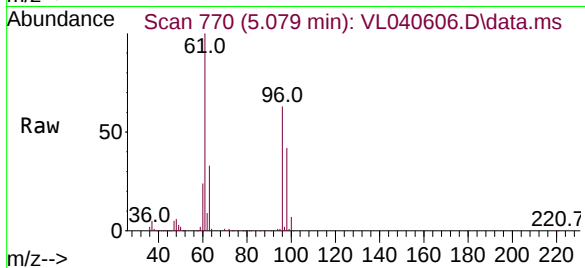


#31
 cis-1,2-Dichloroethene
 Concen: 10.324 ppbv
 RT: 5.079 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VL040606.D
 Acq: 9 Aug 2023 15:13

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0809ABS01

Tgt Ion: 61 Resp: 1033332

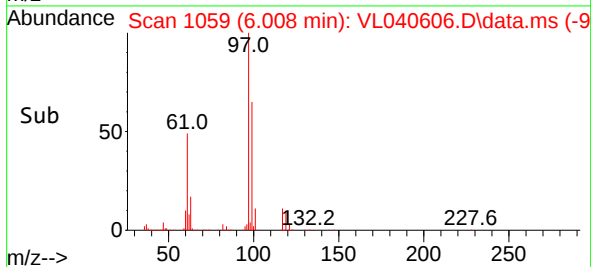
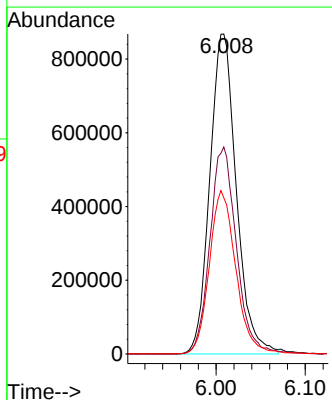
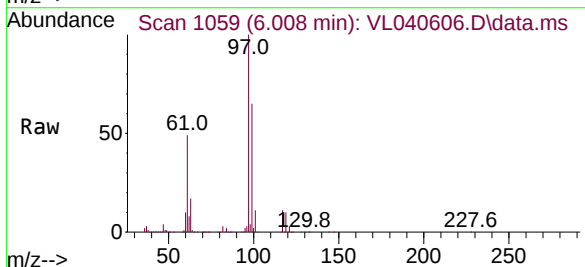
Ion	Ratio	Lower	Upper
61	100		
96	62.6	54.7	82.1
98	41.9	34.6	52.0

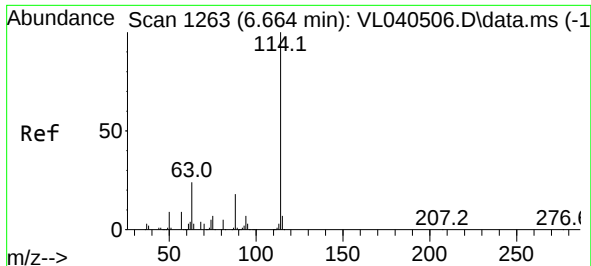


#32
 1,1,1-Trichloroethane
 Concen: 10.907 ppbv
 RT: 6.008 min Scan# 1059
 Delta R.T. -0.003 min
 Lab File: VL040606.D
 Acq: 9 Aug 2023 15:13

Tgt Ion: 97 Resp: 1792465

Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.0	78.0
61	51.5	38.9	58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL040606.D

Acq: 9 Aug 2023 15:13

Instrument :

MSVOA_L

ClientSampleId :

VL0809ABS01

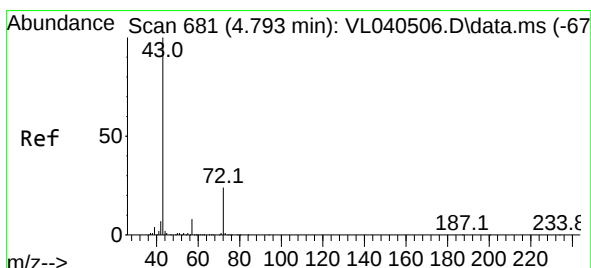
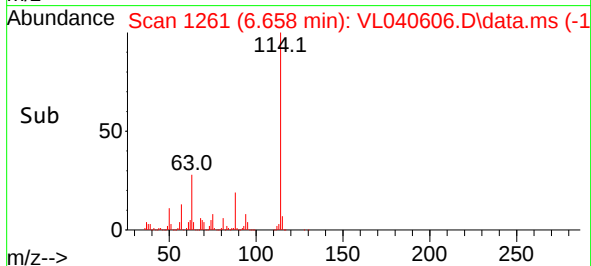
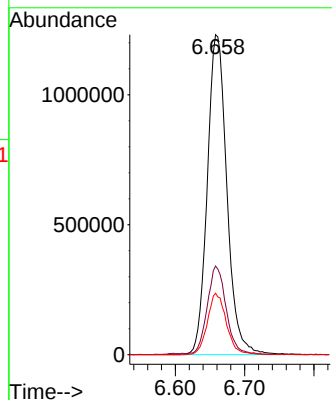
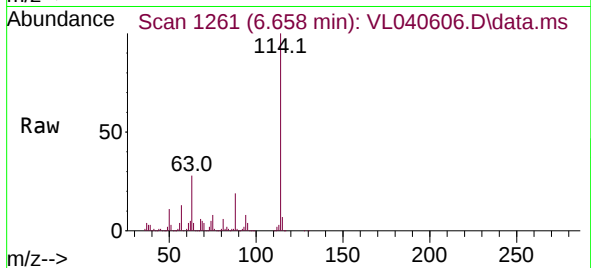
Tgt Ion:114 Resp: 2414943

Ion Ratio Lower Upper

114 100

63 27.3 19.6 29.4

88 18.6 14.2 21.2



#34

2-Butanone

Concen: 11.343 ppbv

RT: 4.787 min Scan# 679

Delta R.T. -0.006 min

Lab File: VL040606.D

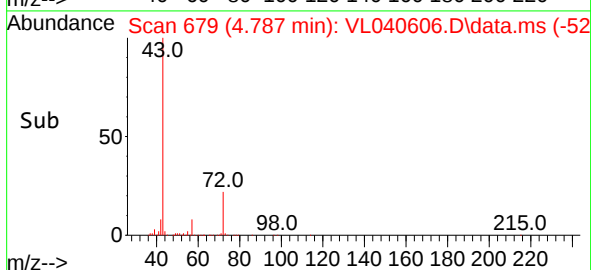
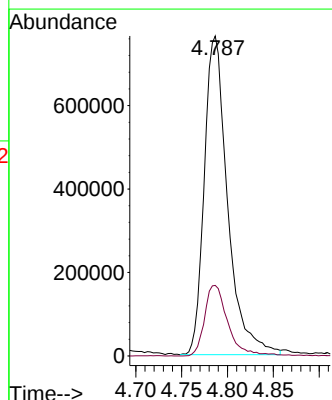
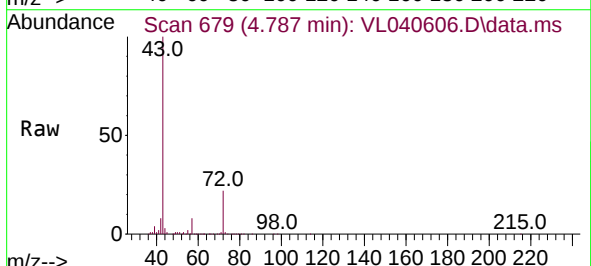
Acq: 9 Aug 2023 15:13

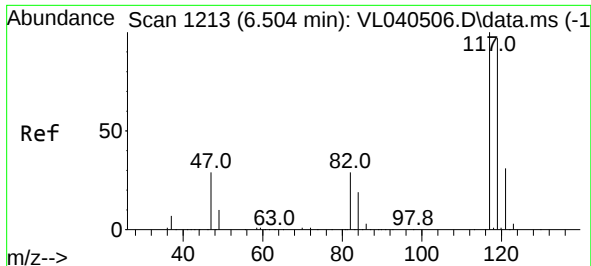
Tgt Ion: 43 Resp: 1353579

Ion Ratio Lower Upper

43 100

72 22.4 19.1 28.7

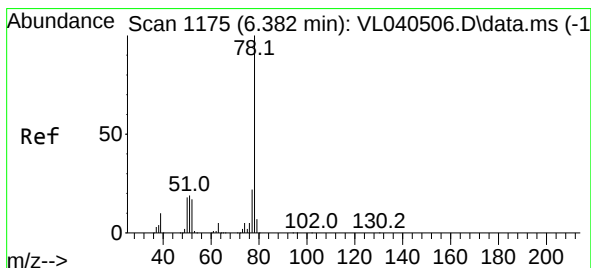
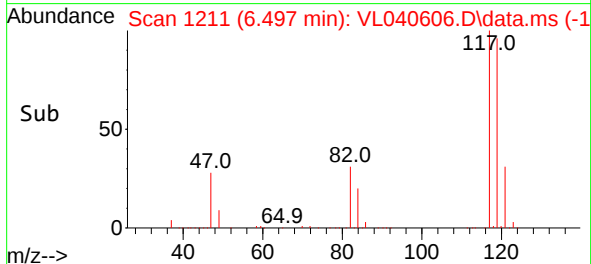
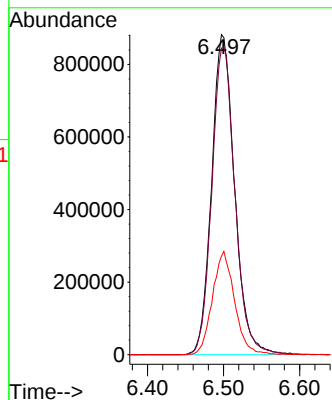
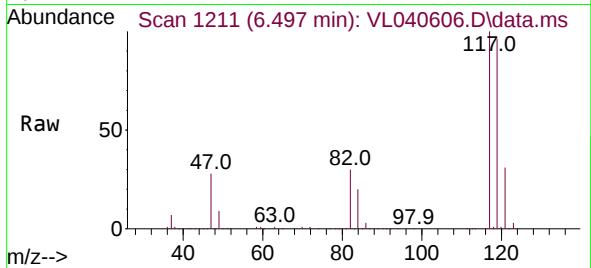




#35
Carbon Tetrachloride
Concen: 12.720 ppbv
RT: 6.497 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

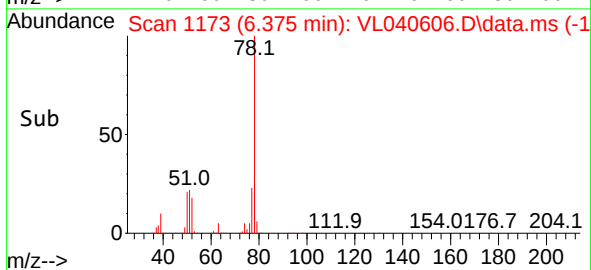
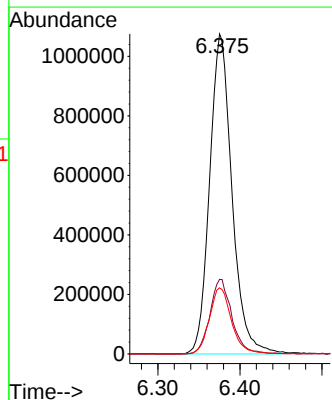
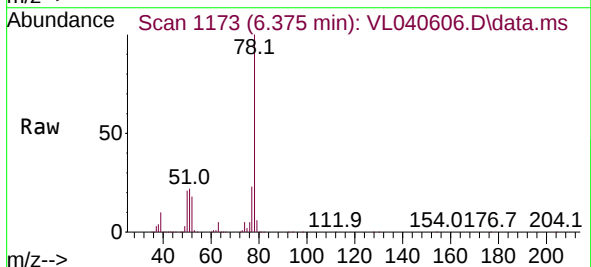
Instrument :
MSVOA_1
ClientSampleId :
VL0809ABS01

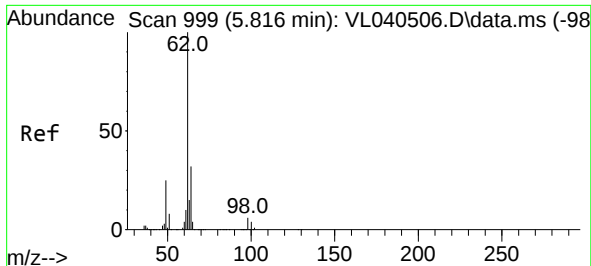
Tgt Ion:117 Resp: 1848644
Ion Ratio Lower Upper
117 100
119 95.8 77.8 116.6
121 30.8 24.8 37.2



#36
Benzene
Concen: 10.485 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

Tgt Ion: 78 Resp: 2037366
Ion Ratio Lower Upper
78 100
77 23.3 17.4 26.0
50 20.7 14.4 21.6





#37

1,2-Dichloroethane

Concen: 11.776 ppbv

RT: 5.812 min Scan# 999

Delta R.T. -0.003 min

Lab File: VL040606.D

Acq: 9 Aug 2023 15:13

Instrument :

MSVOA_L

ClientSampleId :

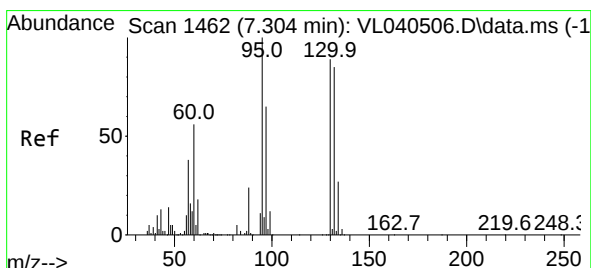
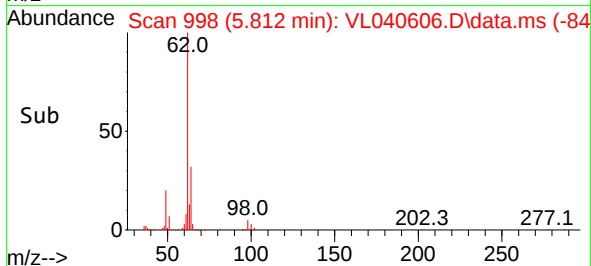
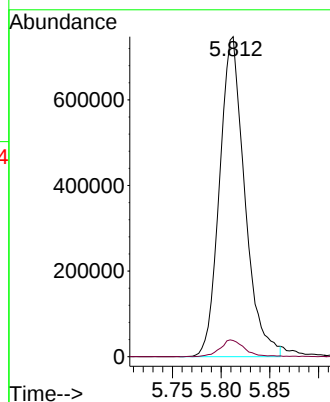
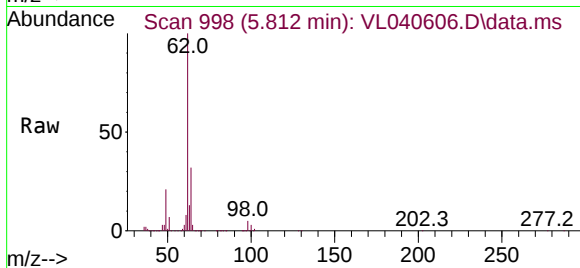
VL0809ABS01

Tgt Ion: 62 Resp: 1346132

Ion Ratio Lower Upper

62 100

98 5.2 5.1 7.7



#38

Trichloroethene

Concen: 11.525 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VL040606.D

Acq: 9 Aug 2023 15:13

Tgt Ion:130 Resp: 847075

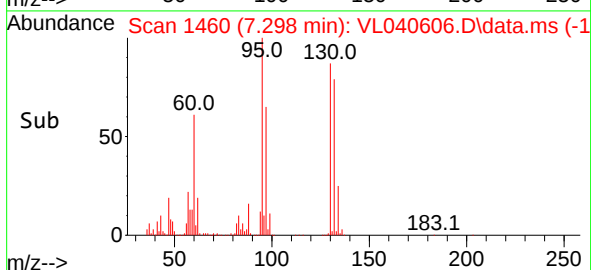
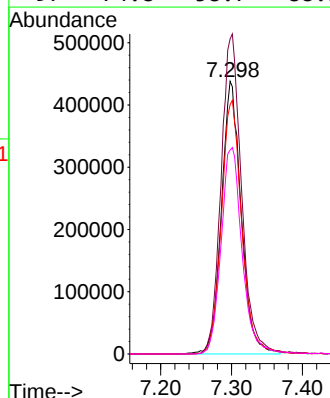
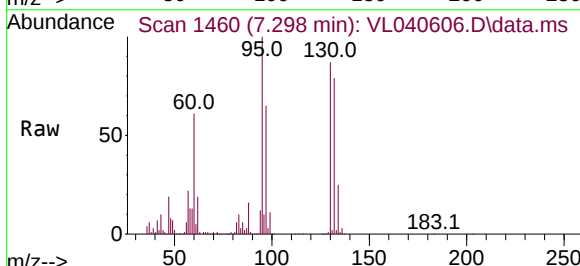
Ion Ratio Lower Upper

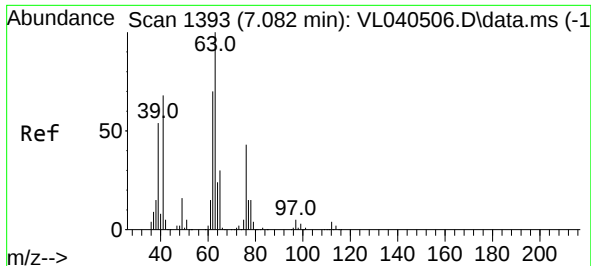
130 100

95 115.5 90.2 135.2

132 91.4 76.3 114.5

97 74.8 58.7 88.1





#39

1,2-Dichloropropane

Concen: 10.654 ppbv

RT: 7.082 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL040606.D

Acq: 9 Aug 2023 15:13

Instrument :

MSVOA_L

ClientSampleId :

VL0809ABS01

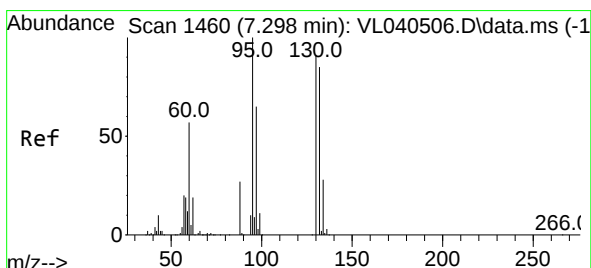
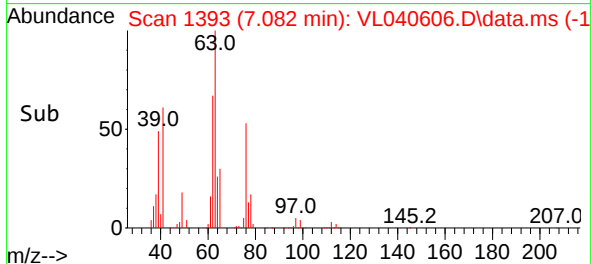
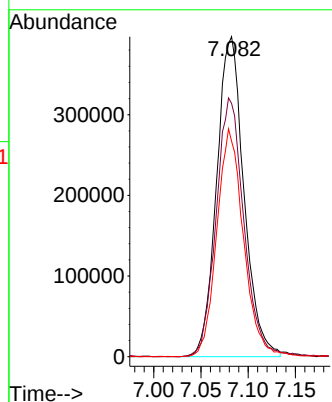
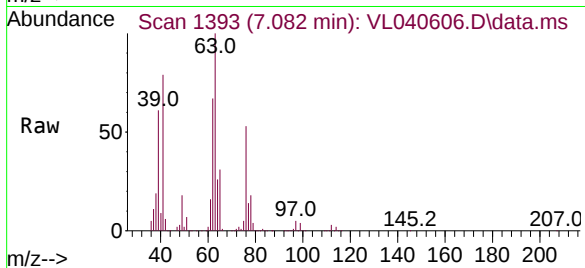
Tgt Ion: 63 Resp: 796908

Ion Ratio Lower Upper

63 100

41 79.2 54.3 81.5

62 67.3 55.6 83.4



#40

1,4-Dioxane

Concen: 8.140 ppbv

RT: 7.301 min Scan# 1461

Delta R.T. 0.003 min

Lab File: VL040606.D

Acq: 9 Aug 2023 15:13

Tgt Ion: 88 Resp: 190444

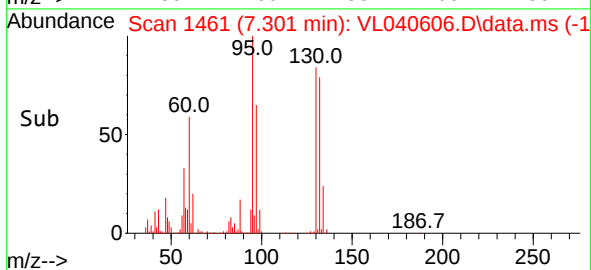
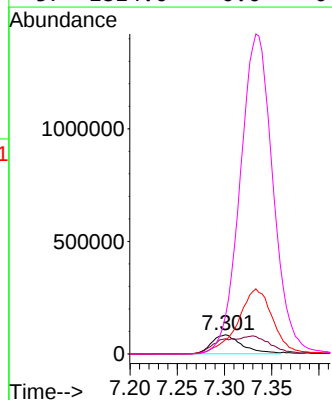
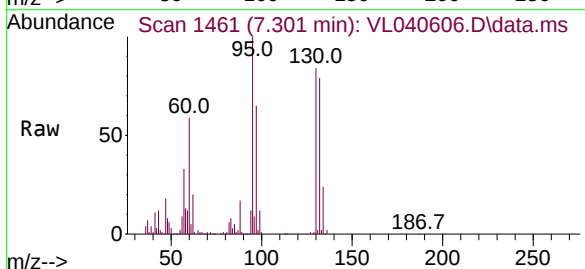
Ion Ratio Lower Upper

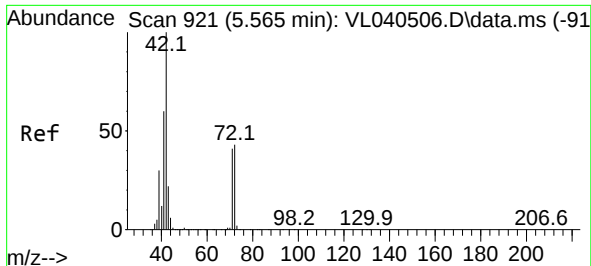
88 100

58 157.5 58.6 88.0#

43 393.1 0.0 0.0#

57 1814.0 0.0 0.0#

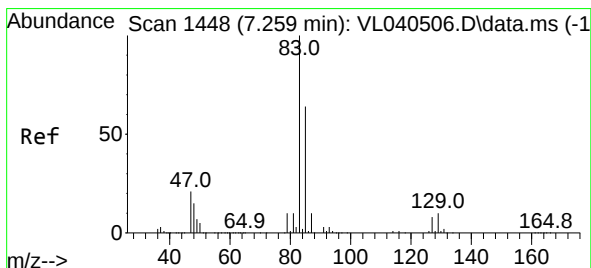
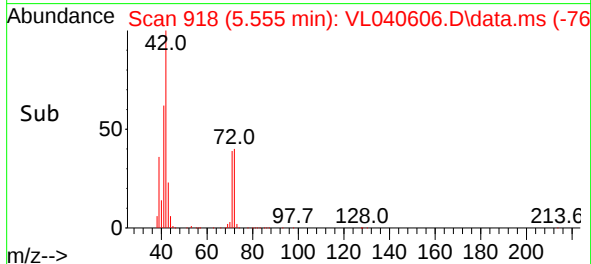
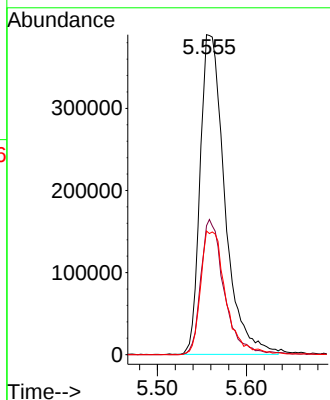
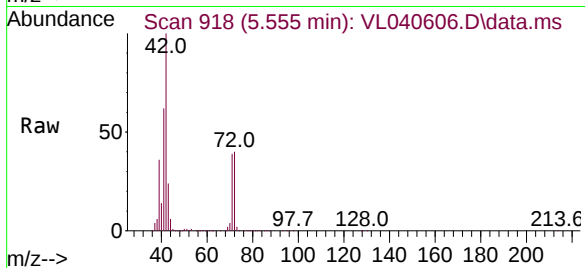




#41
Tetrahydrofuran
Concen: 10.752 ppbv
RT: 5.555 min Scan# 918
Delta R.T. -0.010 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

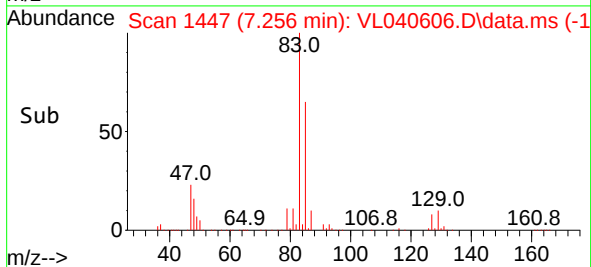
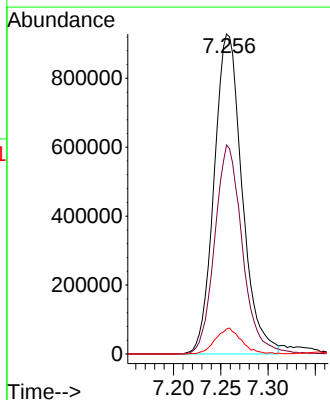
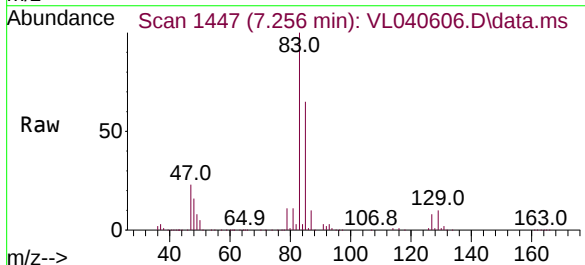
Instrument :
MSVOA_L
ClientSampleId :
VL0809ABS01

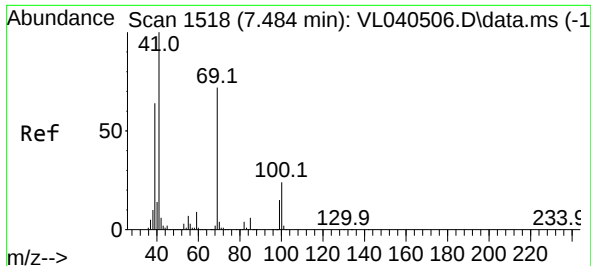
Tgt Ion: 42 Resp: 748698
Ion Ratio Lower Upper
42 100
72 40.2 33.8 50.8
71 39.6 33.0 49.6



#42
Bromodichloromethane
Concen: 12.008 ppbv
RT: 7.256 min Scan# 1447
Delta R.T. -0.003 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

Tgt Ion: 83 Resp: 1909185
Ion Ratio Lower Upper
83 100
85 65.3 51.1 76.7
127 7.8 6.5 9.7

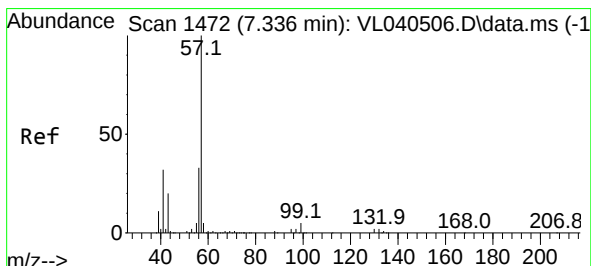
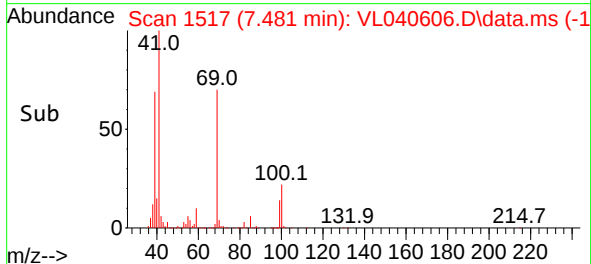
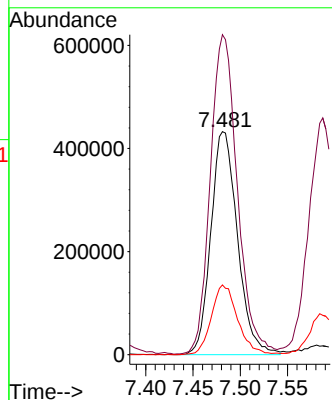
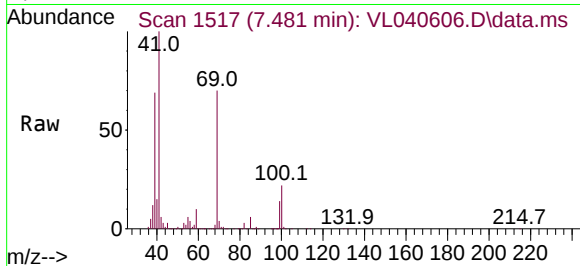




#43
Methyl Methacrylate
Concen: 11.670 ppbv
RT: 7.481 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

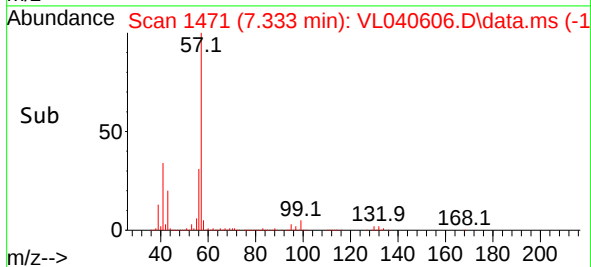
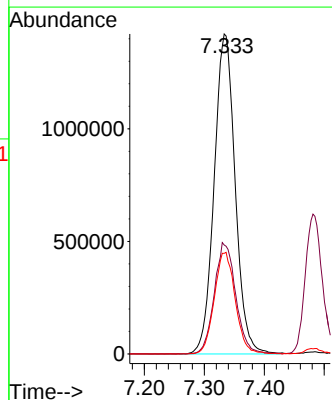
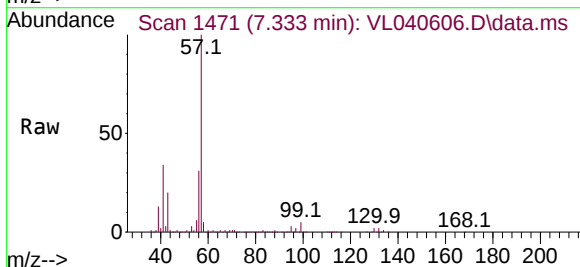
Instrument :
MSVOA_L
ClientSampleId :
VL0809ABS01

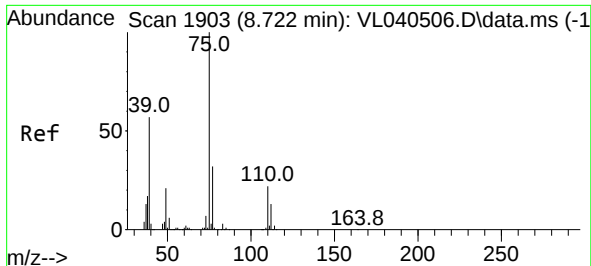
Tgt Ion: 69 Resp: 848787
Ion Ratio Lower Upper
69 100
41 145.2 111.7 167.5
100 30.9 26.9 40.3



#44
2,2,4-Trimethylpentane
Concen: 11.043 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. -0.003 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

Tgt Ion: 57 Resp: 3452453
Ion Ratio Lower Upper
57 100
41 35.6 25.5 38.3
56 31.8 25.1 37.7





#45

t-1,3-Dichloropropene

Concen: 11.859 ppbv

RT: 8.722 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VL040606.D

Acq: 9 Aug 2023 15:13

Instrument :

MSVOA_L

ClientSampleId :

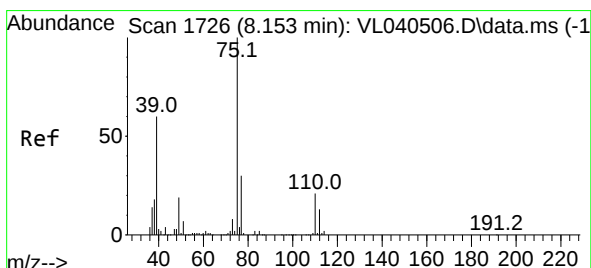
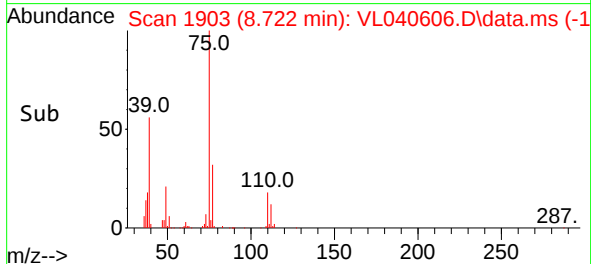
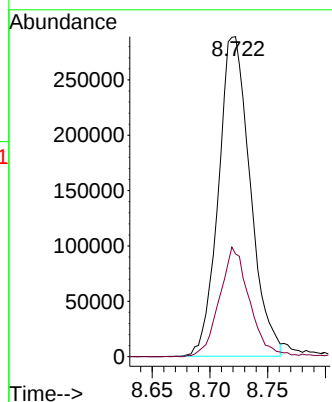
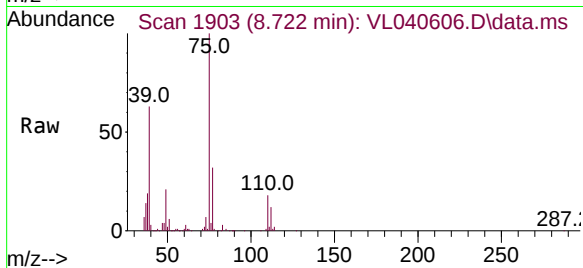
VL0809ABS01

Tgt Ion: 75 Resp: 553305

Ion Ratio Lower Upper

75 100

77 32.1 26.0 39.0



#46

cis-1,3-Dichloropropene

Concen: 11.371 ppbv

RT: 8.153 min Scan# 1726

Delta R.T. -0.000 min

Lab File: VL040606.D

Acq: 9 Aug 2023 15:13

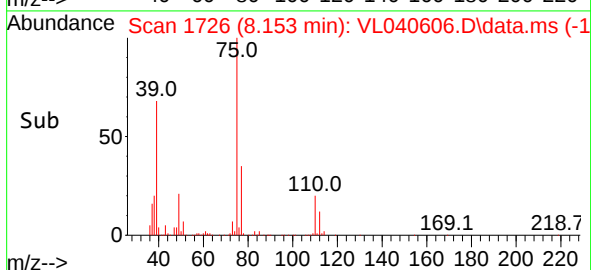
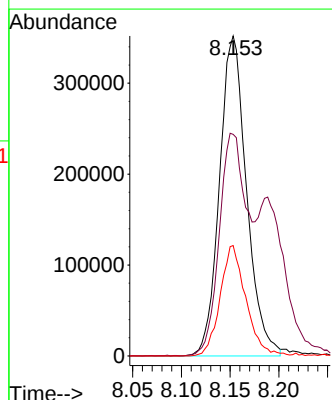
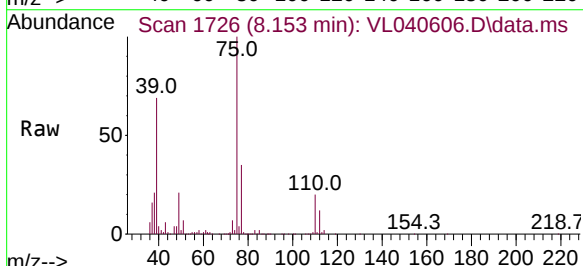
Tgt Ion: 75 Resp: 680678

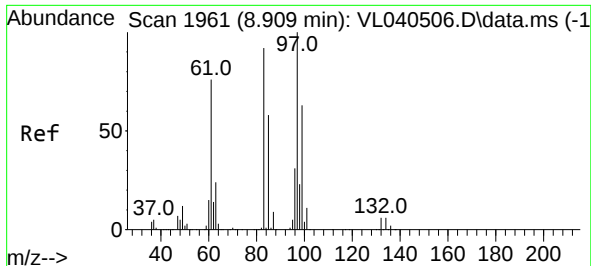
Ion Ratio Lower Upper

75 100

39 69.2 48.0 72.0

77 34.5 24.0 36.0





#47

1,1,2-Trichloroethane

Concen: 10.903 ppbv

RT: 8.909 min Scan# 1961

Delta R.T. -0.000 min

Lab File: VL040606.D

Acq: 9 Aug 2023 15:13

Instrument :

MSVOA_L

ClientSampleId :

VL0809ABS01

Tgt Ion: 97 Resp: 899858

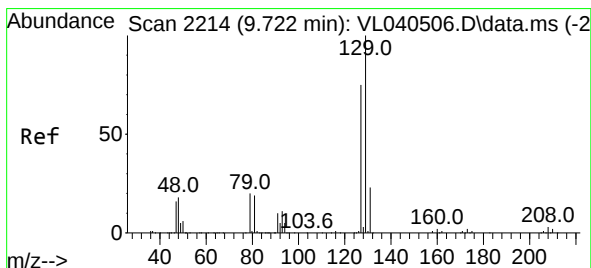
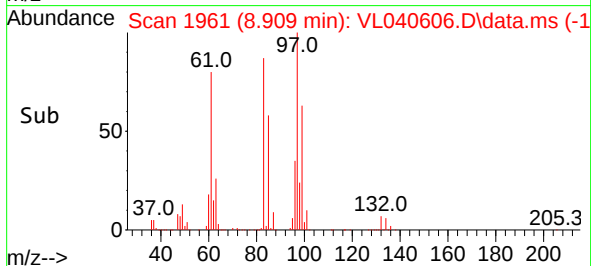
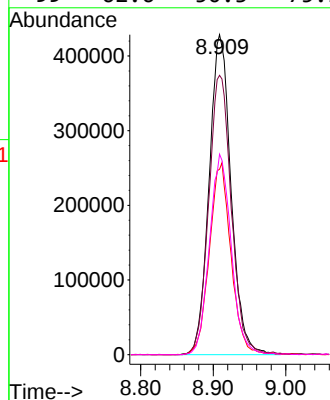
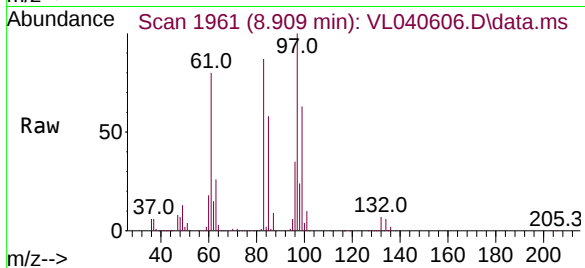
Ion Ratio Lower Upper

97 100

83 87.3 73.4 110.0

85 57.9 46.6 70.0

99 62.6 50.3 75.5



#48

Dibromochloromethane

Concen: 12.134 ppbv

RT: 9.719 min Scan# 2213

Delta R.T. -0.003 min

Lab File: VL040606.D

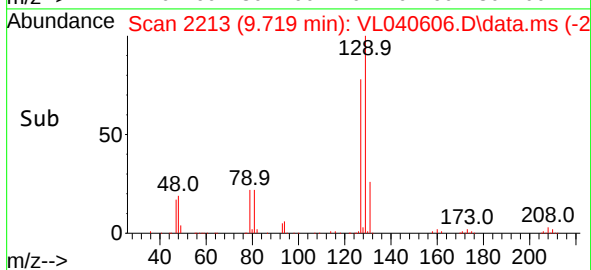
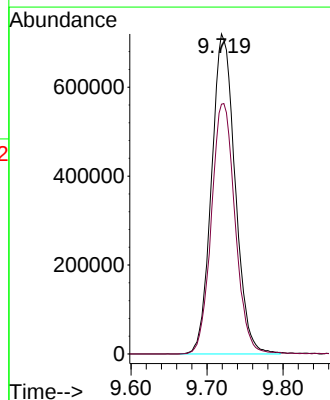
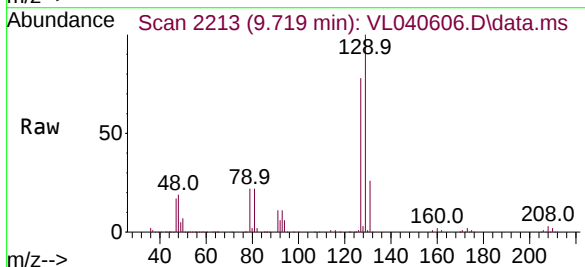
Acq: 9 Aug 2023 15:13

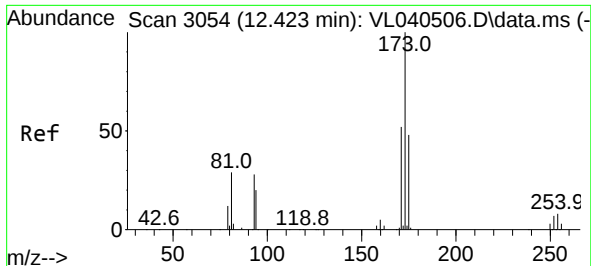
Tgt Ion: 129 Resp: 1548308

Ion Ratio Lower Upper

129 100

127 78.9 39.1 117.3

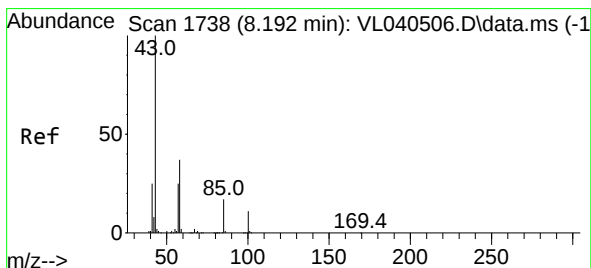
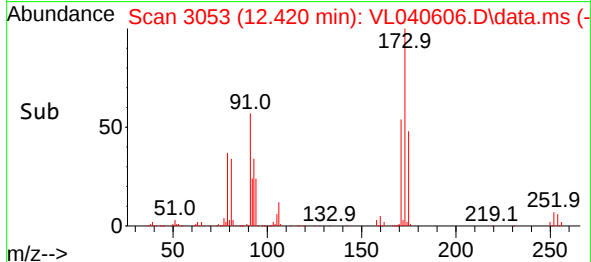
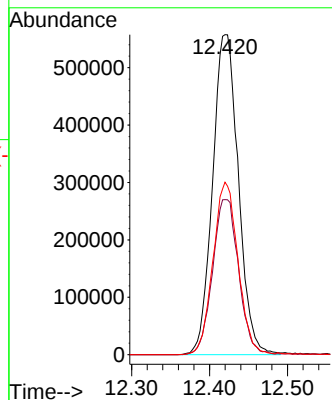
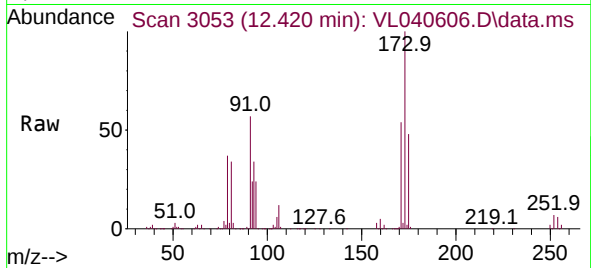




#49
Bromoform
Concen: 12.670 ppbv
RT: 12.420 min Scan# 3053
Delta R.T. -0.003 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

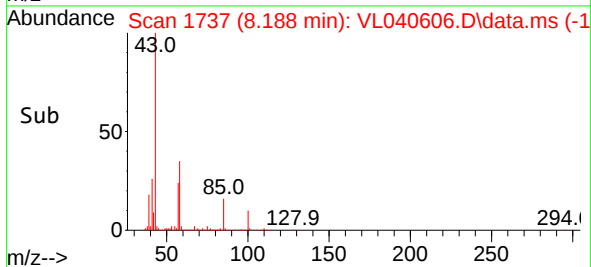
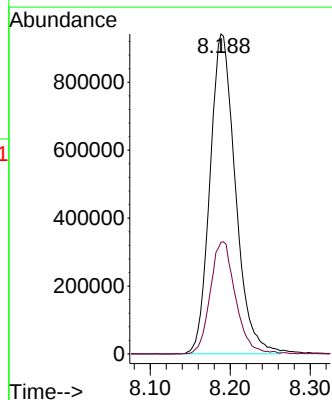
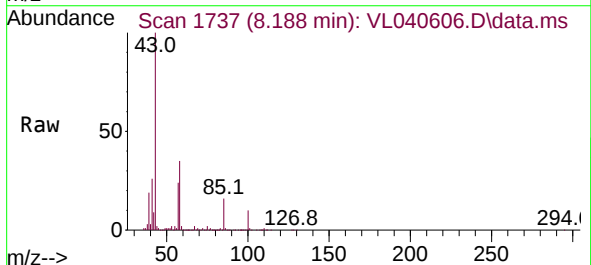
Instrument :
MSVOA_1
ClientSampleId :
VL0809ABS01

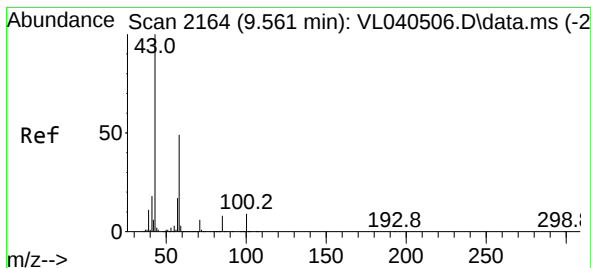
Tgt Ion:173 Resp: 1281686
Ion Ratio Lower Upper
173 100
175 49.2 39.5 59.3
171 52.6 42.2 63.4



#50
4-Methyl-2-Pentanone
Concen: 12.001 ppbv
RT: 8.188 min Scan# 1737
Delta R.T. -0.003 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

Tgt Ion: 43 Resp: 2080741
Ion Ratio Lower Upper
43 100
58 35.1 30.2 45.2

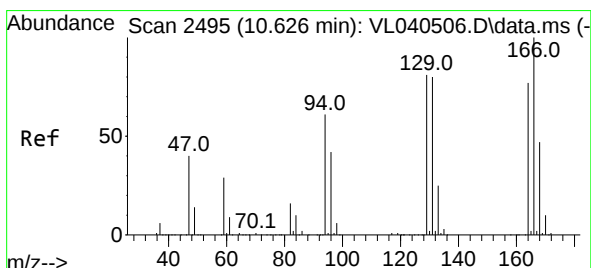
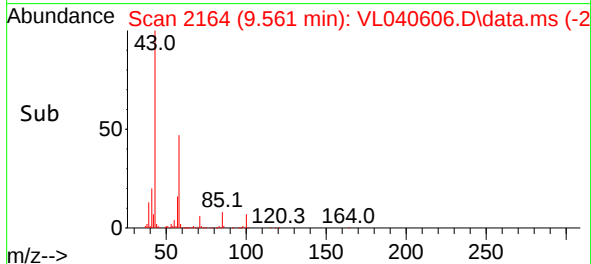
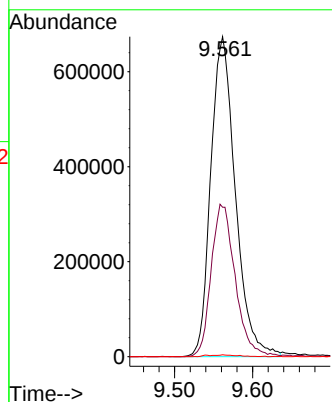
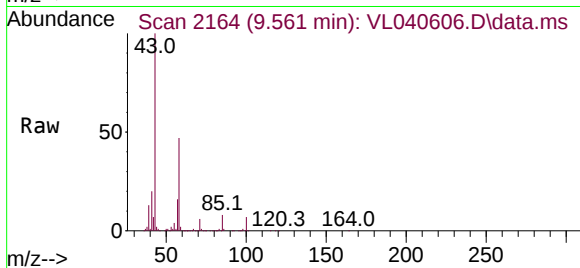




#51
2-Hexanone
Concen: 12.066 ppbv
RT: 9.561 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

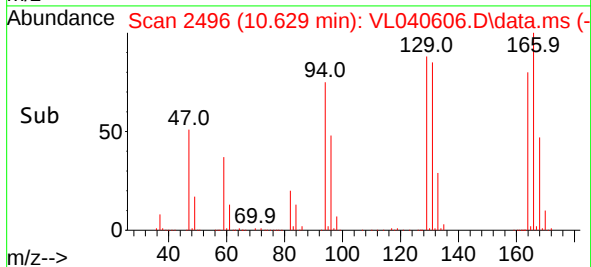
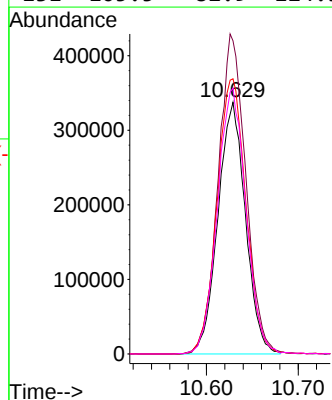
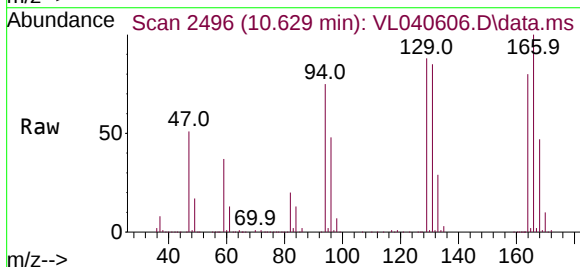
Instrument :
MSVOA_L
ClientSampleId :
VL0809ABS01

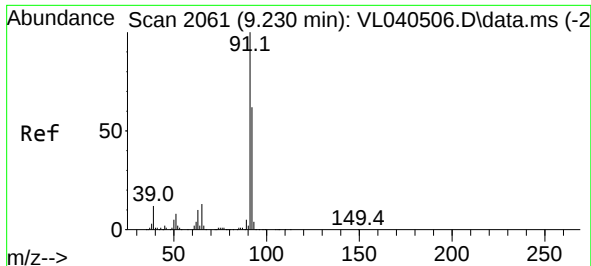
Tgt Ion: 43 Resp: 1479418
Ion Ratio Lower Upper
43 100
58 46.9 39.7 59.5
98 0.7 0.3 0.5#



#52
Tetrachloroethene
Concen: 11.173 ppbv
RT: 10.629 min Scan# 2496
Delta R.T. 0.003 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

Tgt Ion: 164 Resp: 703055
Ion Ratio Lower Upper
164 100
166 124.3 103.9 155.9
129 109.3 84.6 126.8
131 105.5 82.9 124.3

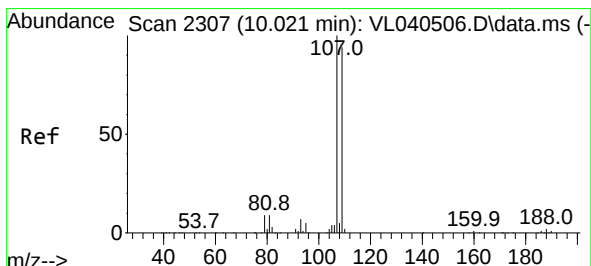
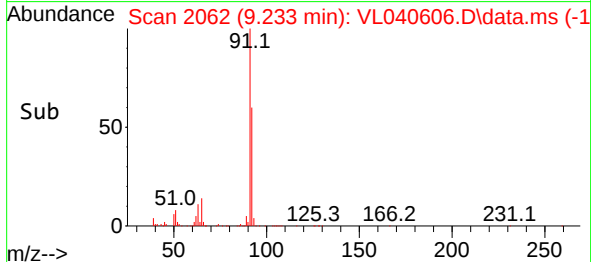
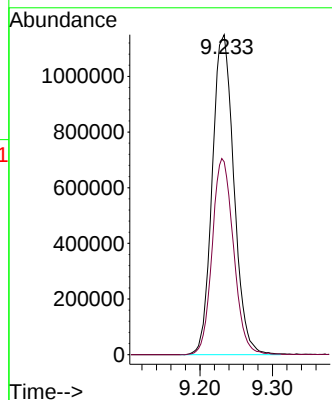
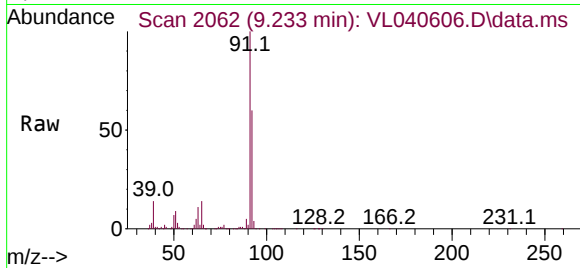




#53
Toluene
Concen: 11.303 ppbv
RT: 9.233 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

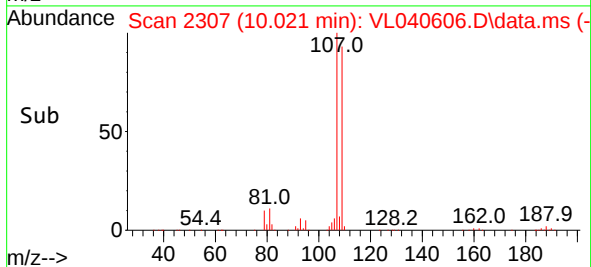
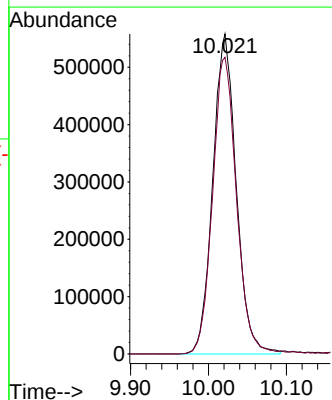
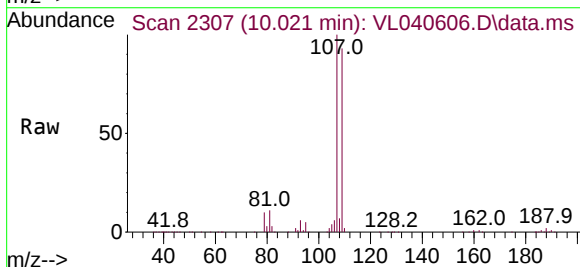
Instrument :
MSVOA_1
ClientSampleId :
VL0809ABS01

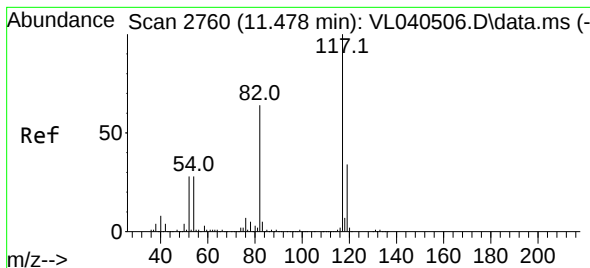
Tgt Ion: 91 Resp: 2385684
Ion Ratio Lower Upper
91 100
92 60.6 49.1 73.7



#54
1,2-Dibromoethane
Concen: 11.358 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. -0.000 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

Tgt Ion: 107 Resp: 1165113
Ion Ratio Lower Upper
107 100
109 92.7 75.4 113.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.478 min Scan# 21

Delta R.T. -0.000 min

Lab File: VL040606.D

Acq: 9 Aug 2023 15:13

Instrument :

MSVOA_L

ClientSampleId :

VL0809ABS01

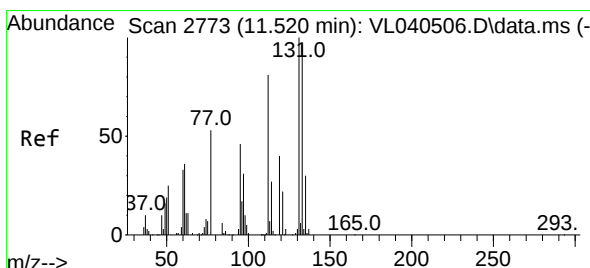
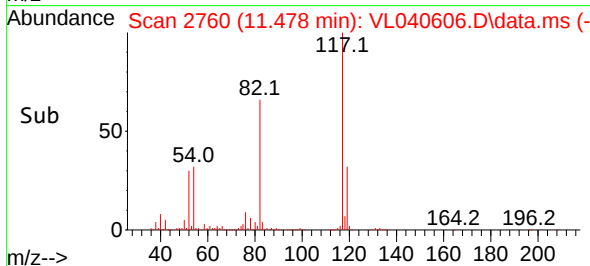
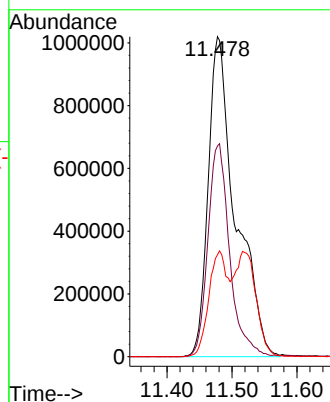
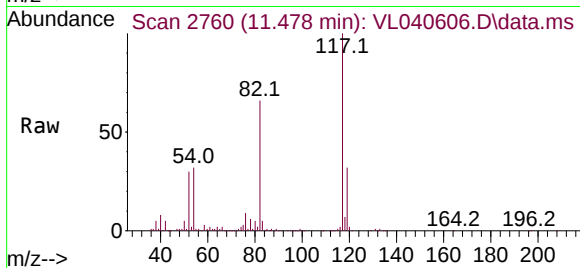
Tgt Ion:117 Resp: 2986983

Ion Ratio Lower Upper

117 100

82 53.0 50.2 75.4

119 22.8 26.9 40.3#



#56

1,1,1,2-Tetrachloroethane

Concen: 8.724 ppbv

RT: 11.523 min Scan# 2774

Delta R.T. 0.003 min

Lab File: VL040606.D

Acq: 9 Aug 2023 15:13

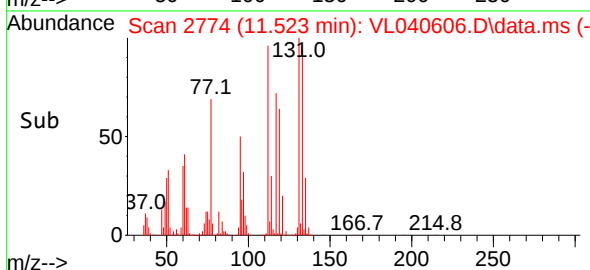
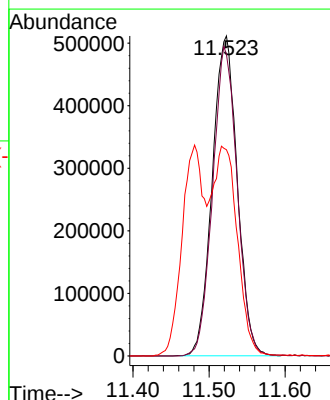
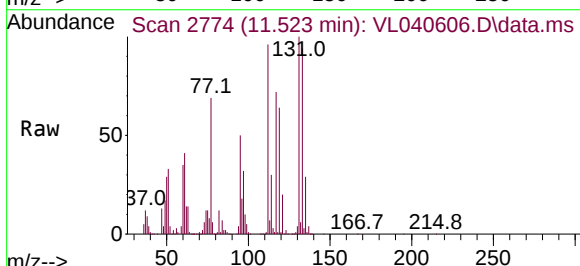
Tgt Ion:131 Resp: 1166960

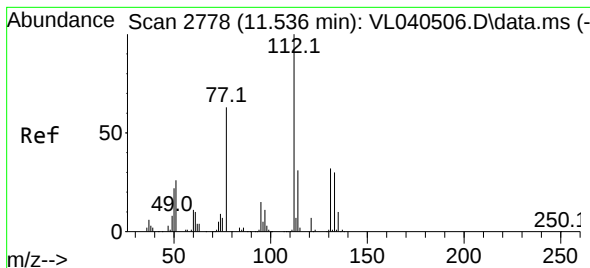
Ion Ratio Lower Upper

131 100

133 95.0 76.3 114.5

119 63.3 51.1 76.7

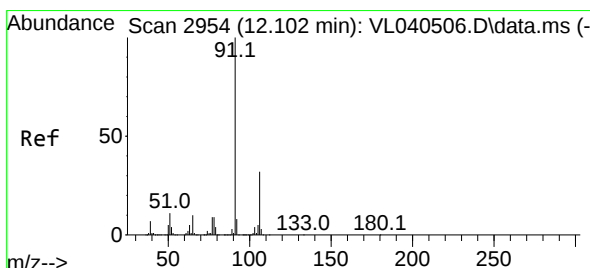
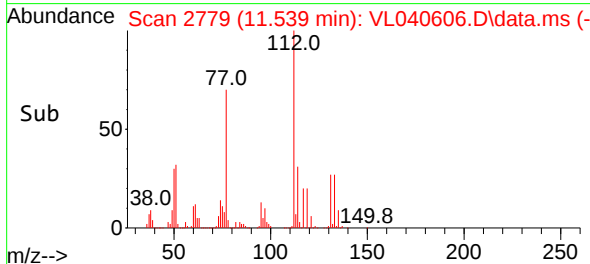
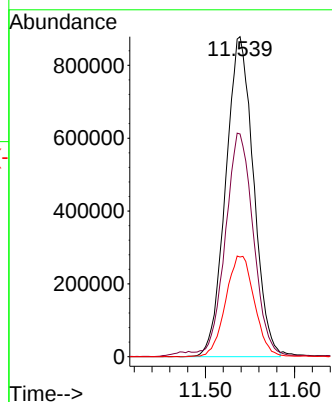
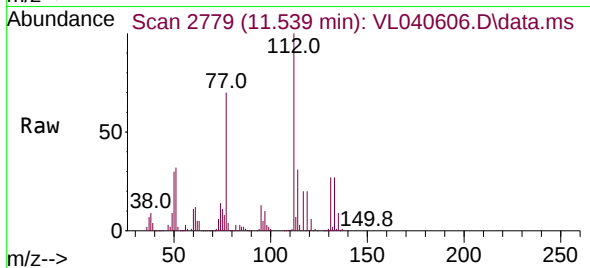




#57
Chlorobenzene
Concen: 8.166 ppbv
RT: 11.539 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

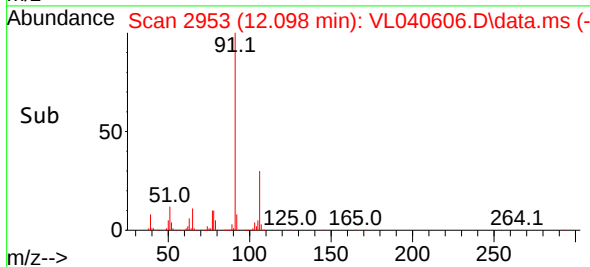
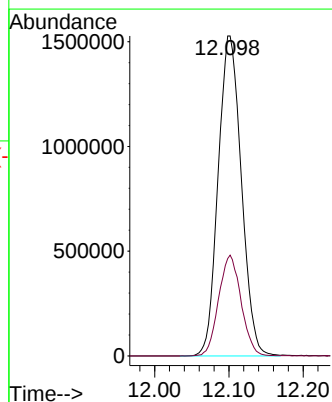
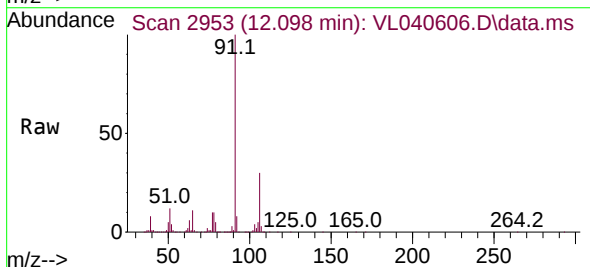
Instrument :
MSVOA_L
ClientSampleId :
VL0809ABS01

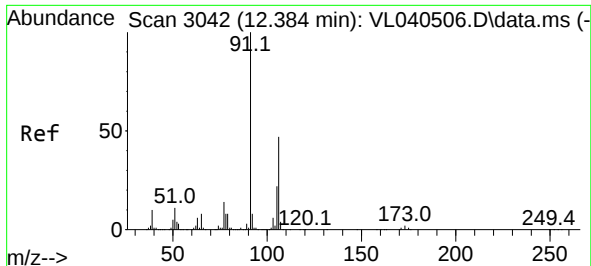
Tgt Ion:112 Resp: 1902146
Ion Ratio Lower Upper
112 100
77 68.3 51.0 76.6
114 31.1 28.3 34.5



#58
Ethyl Benzene
Concen: 8.846 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. -0.003 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

Tgt Ion: 91 Resp: 3315725
Ion Ratio Lower Upper
91 100
106 30.4 25.4 38.0





#59

m/p-Xylene

Concen: 9.301 ppbv

RT: 12.384 min Scan# 3042

Delta R.T. -0.000 min

Lab File: VL040606.D

Acq: 9 Aug 2023 15:13

Instrument :

MSVOA_L

ClientSampleId :

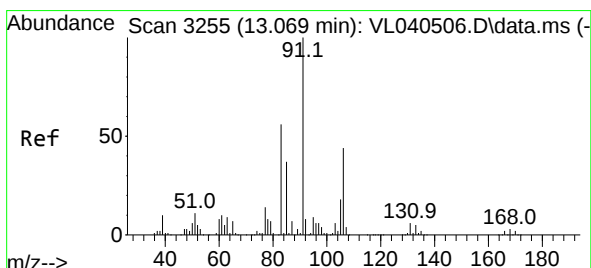
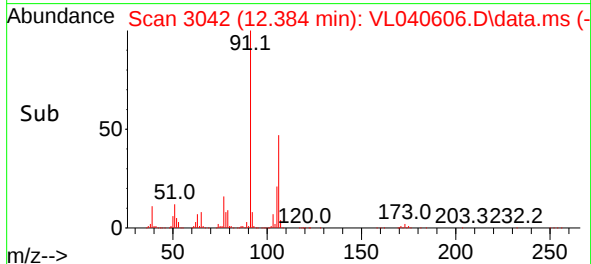
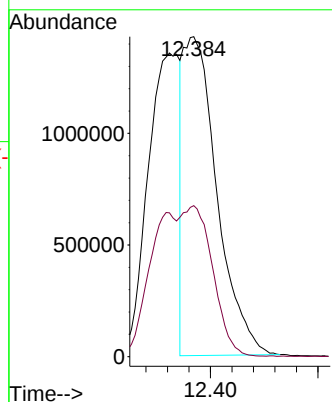
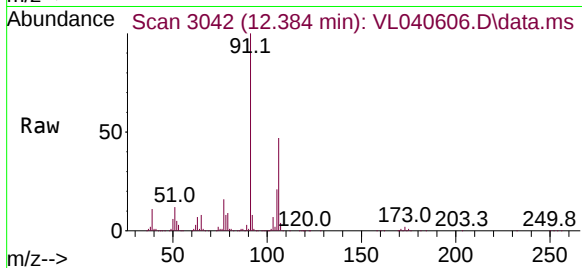
VL0809ABS01

Tgt Ion: 91 Resp: 3111877

Ion Ratio Lower Upper

91 100

106 83.4 35.9 53.9#



#60

o-Xylene

Concen: 9.102 ppbv

RT: 13.069 min Scan# 3255

Delta R.T. -0.000 min

Lab File: VL040606.D

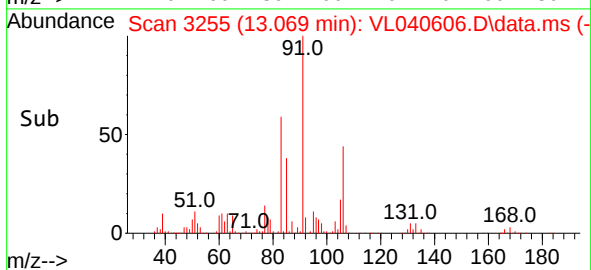
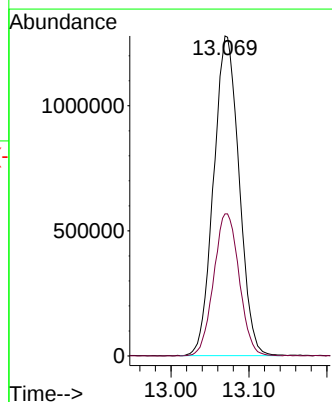
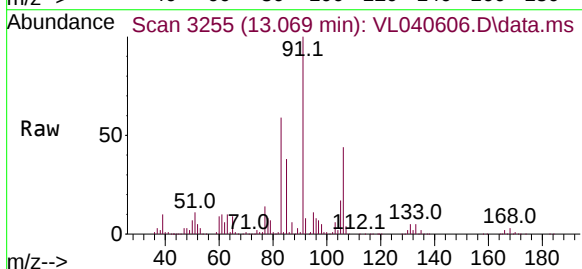
Acq: 9 Aug 2023 15:13

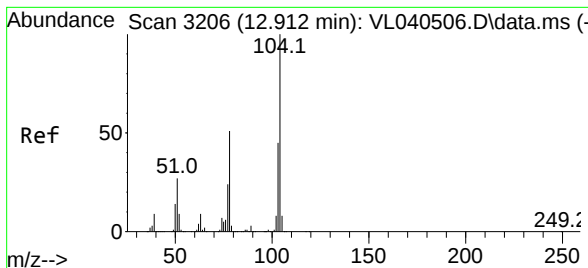
Tgt Ion: 91 Resp: 2900846

Ion Ratio Lower Upper

91 100

106 44.6 22.7 68.0





#61

Styrene

Concen: 9.352 ppbv

RT: 12.912 min Scan# 31

Delta R.T. -0.000 min

Lab File: VL040606.D

Acq: 9 Aug 2023 15:13

Instrument :

MSVOA_1

ClientSampleId :

VL0809ABS01

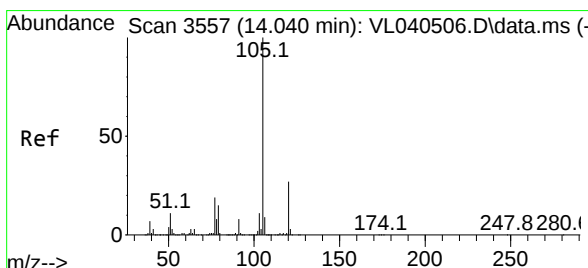
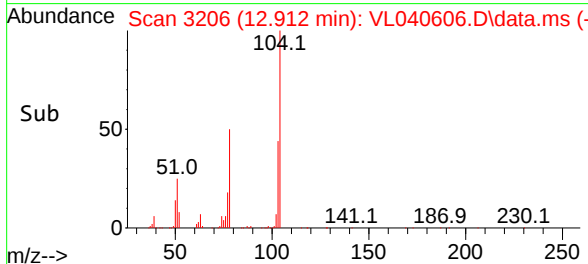
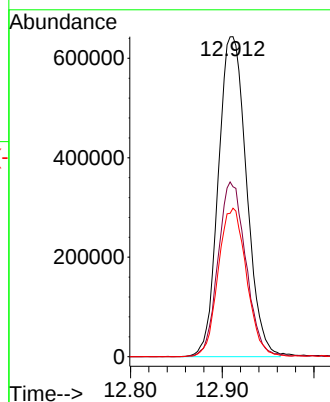
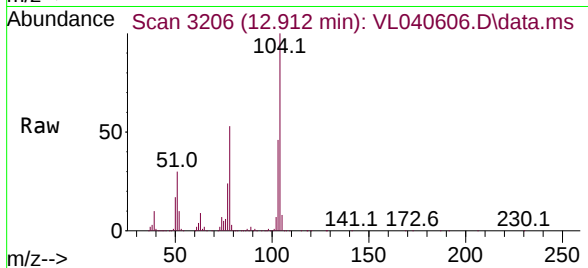
Tgt Ion:104 Resp: 1374916

Ion Ratio Lower Upper

104 100

78 54.1 40.1 60.1

103 46.8 37.0 55.4



#62

Isopropylbenzene

Concen: 8.733 ppbv

RT: 14.044 min Scan# 3558

Delta R.T. 0.003 min

Lab File: VL040606.D

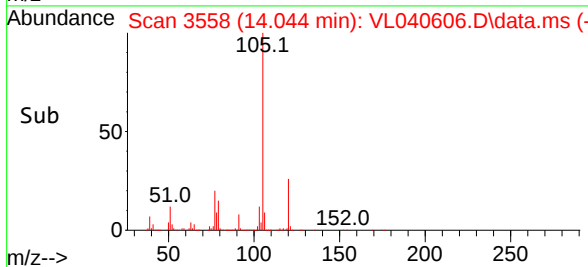
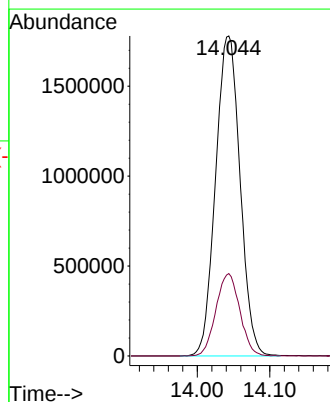
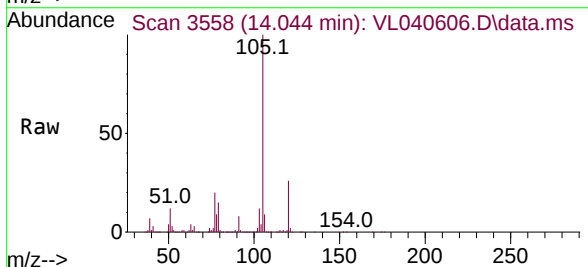
Acq: 9 Aug 2023 15:13

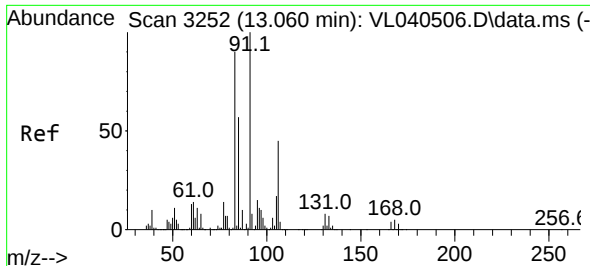
Tgt Ion:105 Resp: 4171823

Ion Ratio Lower Upper

105 100

120 25.1 20.8 31.2

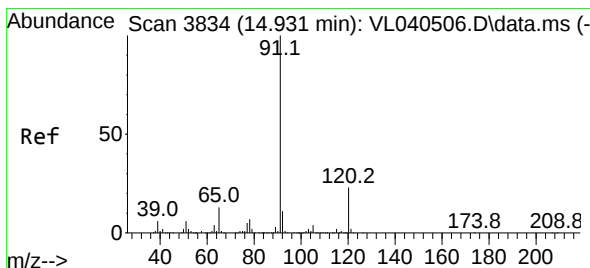
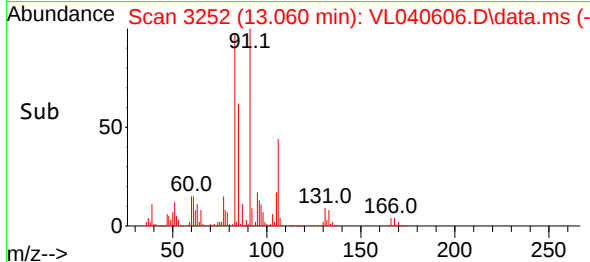
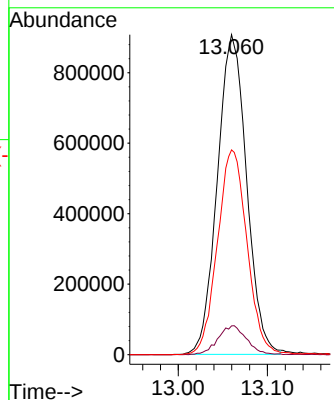
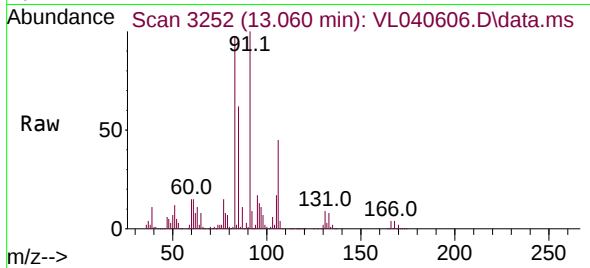




#63
1,1,2,2-Tetrachloroethane
Concen: 9.269 ppbv
RT: 13.060 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

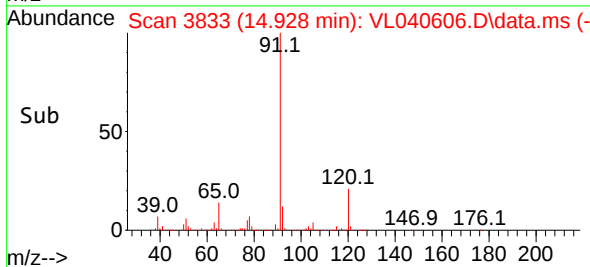
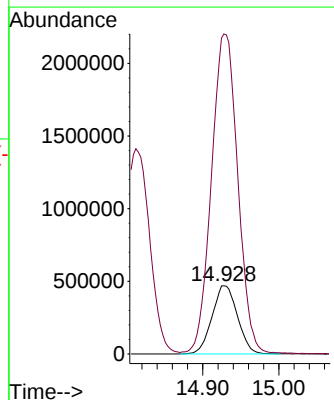
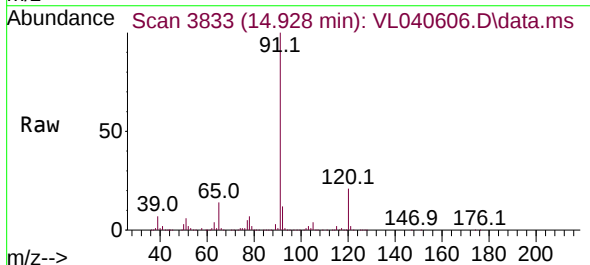
Instrument :
MSVOA_L
ClientSampleId :
VL0809ABS01

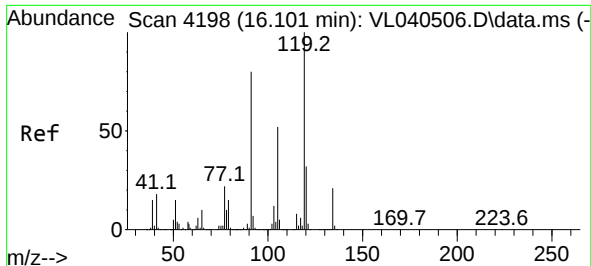
Tgt Ion: 83 Resp: 2068824
Ion Ratio Lower Upper
83 100
131 8.9 4.6 13.8
85 65.3 32.8 98.3



#64
n-propylbenzene
Concen: 8.809 ppbv
RT: 14.928 min Scan# 3833
Delta R.T. -0.003 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

Tgt Ion:120 Resp: 1088715
Ion Ratio Lower Upper
120 100
91 487.9 374.3 561.5

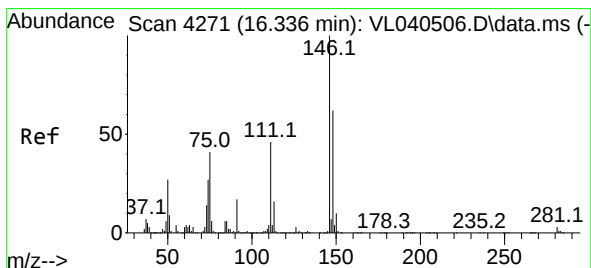
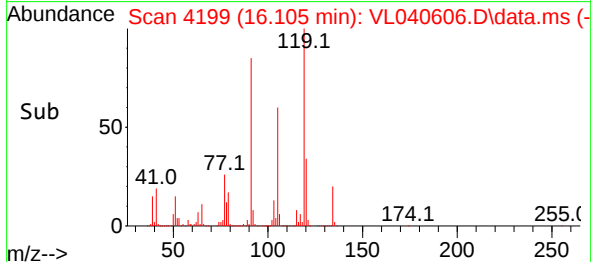
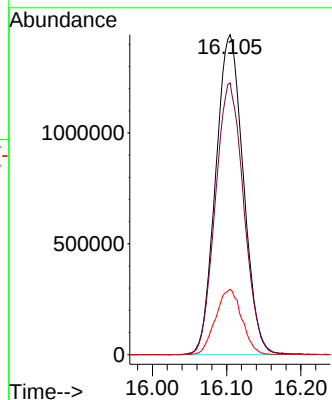
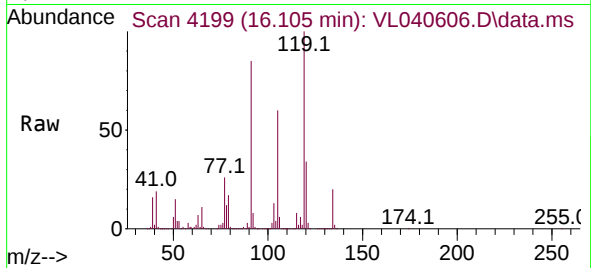




#65
tert-Butylbenzene
Concen: 8.825 ppbv
RT: 16.105 min Scan# 4199
Delta R.T. 0.003 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

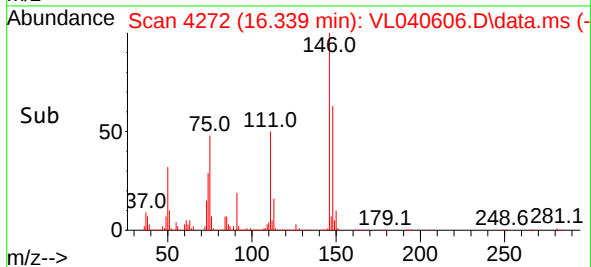
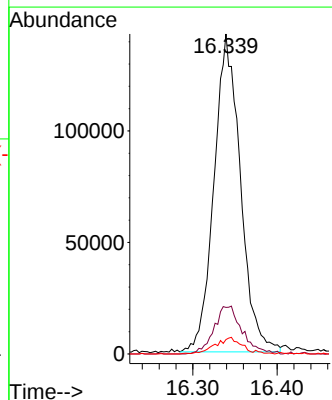
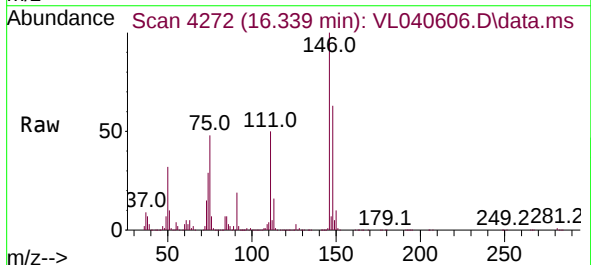
Instrument :
MSVOA_1
ClientSampleId :
VL0809ABS01

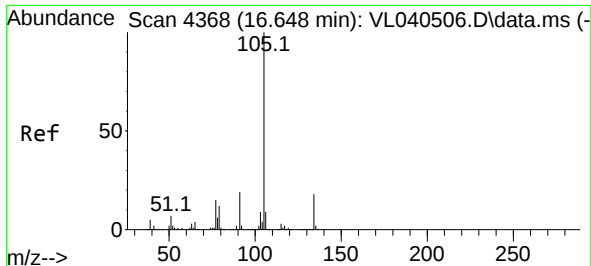
Tgt Ion:119 Resp: 3732187
Ion Ratio Lower Upper
119 100
91 87.2 66.1 99.1
134 19.5 15.7 23.5



#66
Benzyl Chloride
Concen: 10.356 ppbv
RT: 16.339 min Scan# 4272
Delta R.T. 0.003 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

Tgt Ion: 91 Resp: 309838
Ion Ratio Lower Upper
91 100
126 16.0 15.4 23.2
128 5.4 4.5 6.7

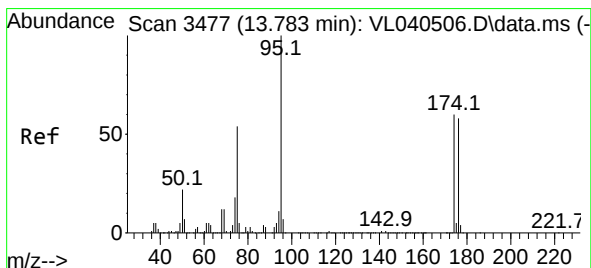
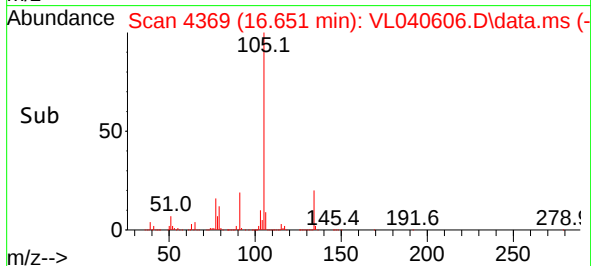
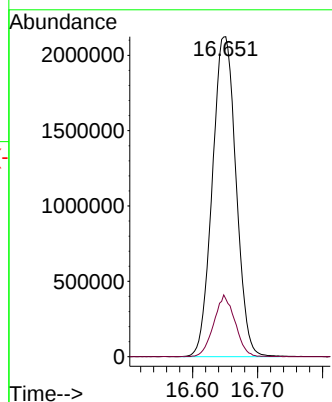
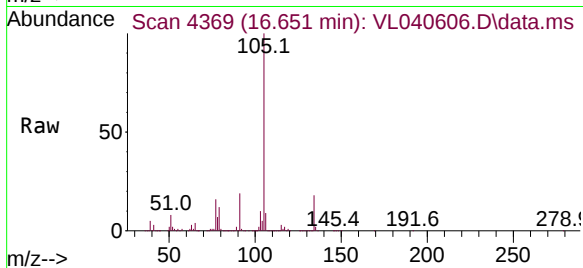




#67
 sec-Butylbenzene
 Concen: 8.639 ppbv
 RT: 16.651 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL040606.D
 Acq: 9 Aug 2023 15:13

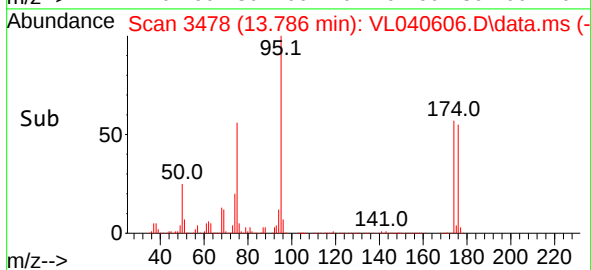
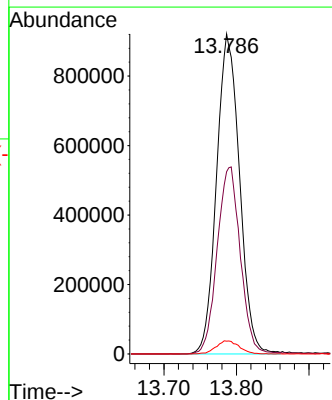
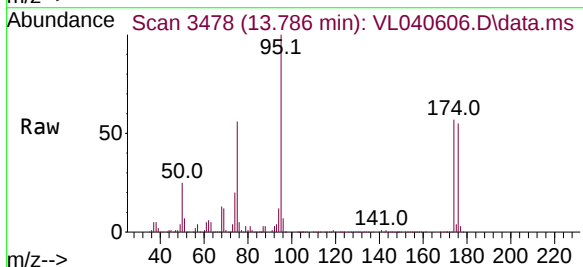
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0809ABS01

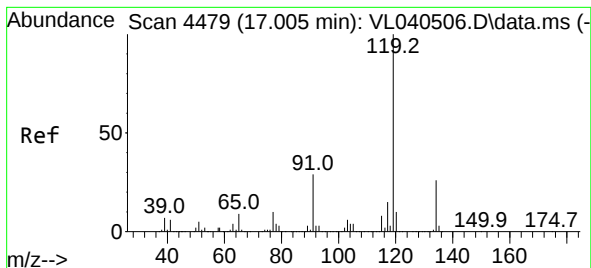
Tgt Ion:105 Resp: 5367972
 Ion Ratio Lower Upper
 105 100
 134 17.4 14.4 21.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.567 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. 0.003 min
 Lab File: VL040606.D
 Acq: 9 Aug 2023 15:13

Tgt Ion: 95 Resp: 2025251
 Ion Ratio Lower Upper
 95 100
 174 59.1 50.6 75.8
 175 4.2 3.7 5.5





#69

p-Isopropyltoluene

Concen: 8.519 ppbv

RT: 17.008 min Scan# 4479

Delta R.T. 0.003 min

Lab File: VL040606.D

Acq: 9 Aug 2023 15:13

Instrument :

MSVOA_1

ClientSampleId :

VL0809ABS01

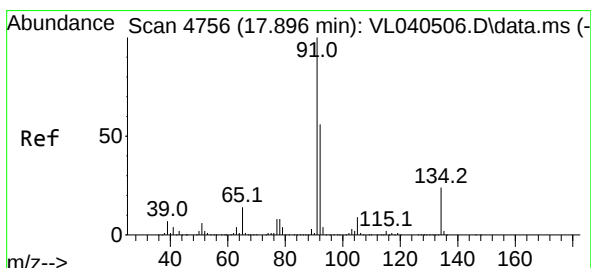
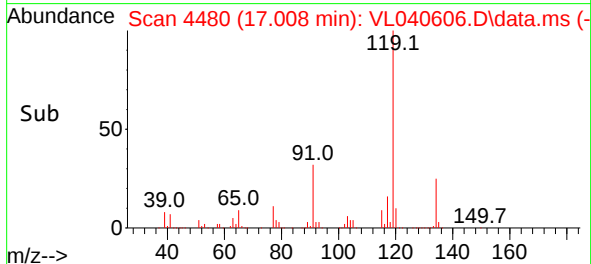
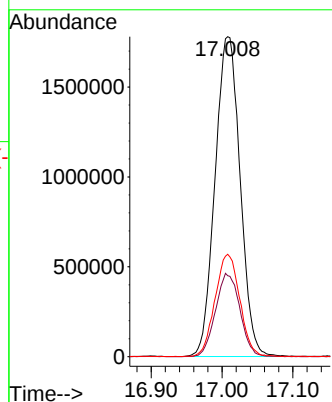
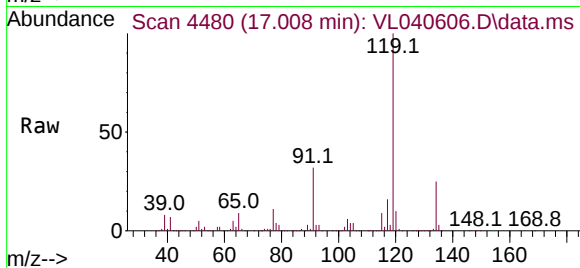
Tgt Ion:119 Resp: 4374567

Ion Ratio Lower Upper

119 100

134 25.4 20.5 30.7

91 31.6 23.8 35.8



#70

n-Butylbenzene

Concen: 8.548 ppbv

RT: 17.895 min Scan# 4756

Delta R.T. -0.000 min

Lab File: VL040606.D

Acq: 9 Aug 2023 15:13

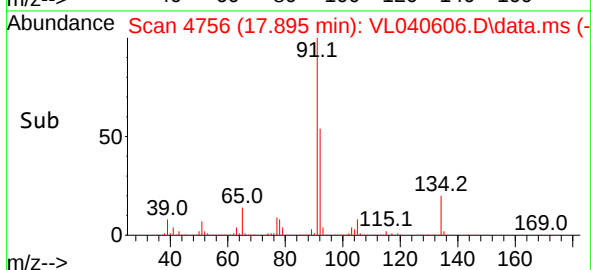
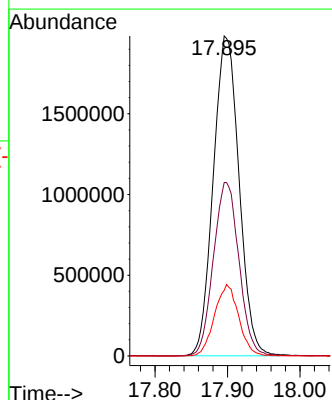
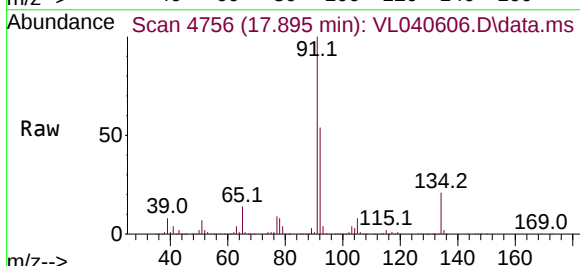
Tgt Ion: 91 Resp: 4894737

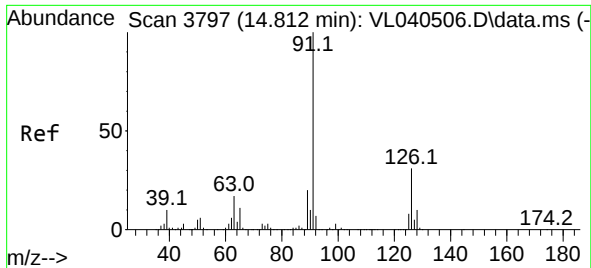
Ion Ratio Lower Upper

91 100

92 53.8 43.4 65.0

134 20.9 18.1 27.1

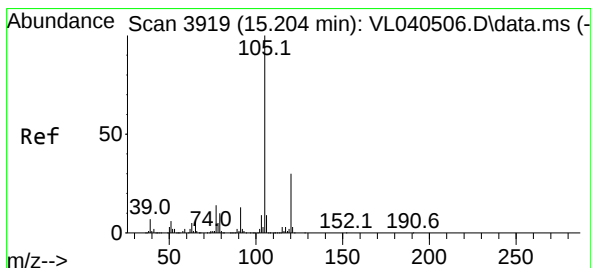
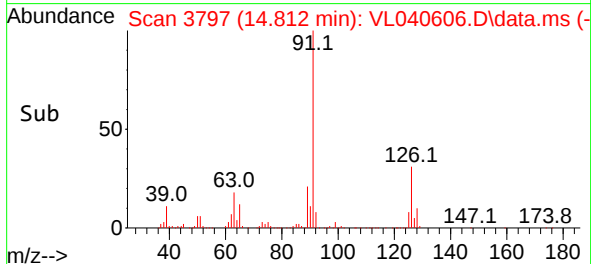
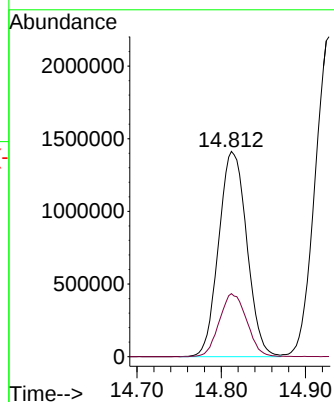
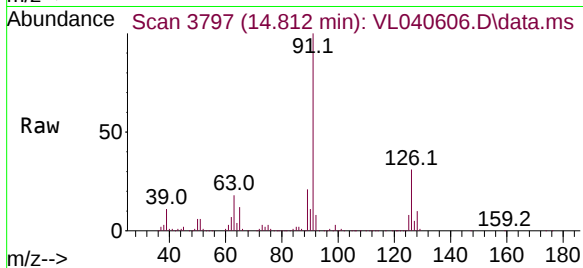




#71
2-Chlorotoluene
Concen: 8.880 ppbv
RT: 14.812 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

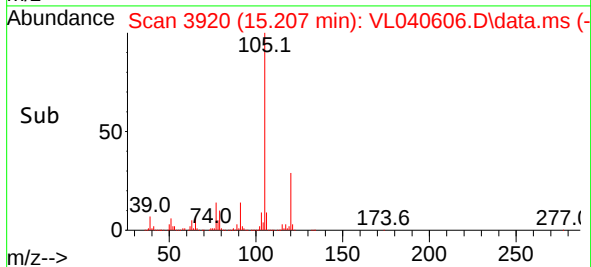
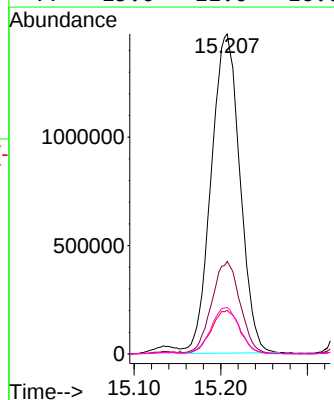
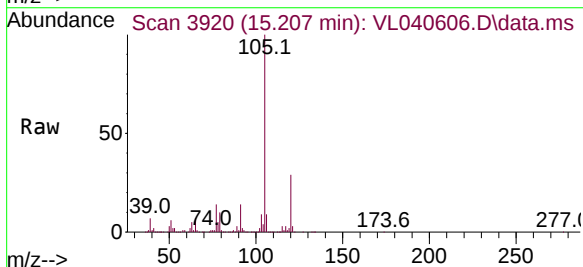
Instrument :
MSVOA_L
ClientSampleId :
VL0809ABS01

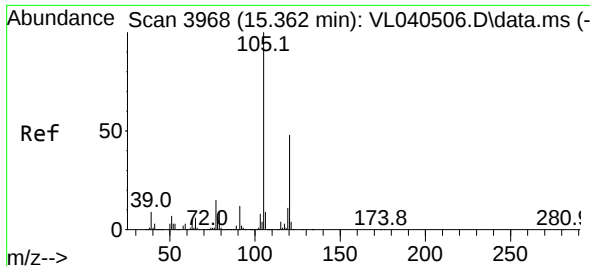
Tgt Ion: 91 Resp: 3269084
Ion Ratio Lower Upper
91 100
126 30.1 12.4 49.8



#72
4-Ethyltoluene
Concen: 9.076 ppbv
RT: 15.207 min Scan# 3920
Delta R.T. 0.003 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

Tgt Ion: 105 Resp: 3390876
Ion Ratio Lower Upper
105 100
120 28.8 24.6 37.0
91 13.8 10.7 16.1
77 15.0 11.0 16.6

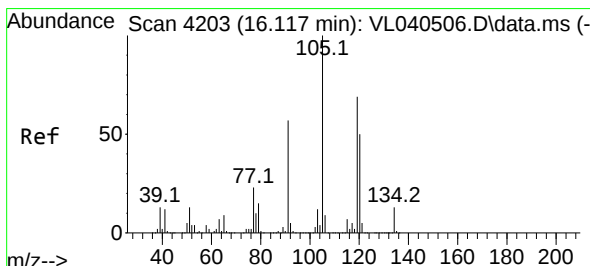
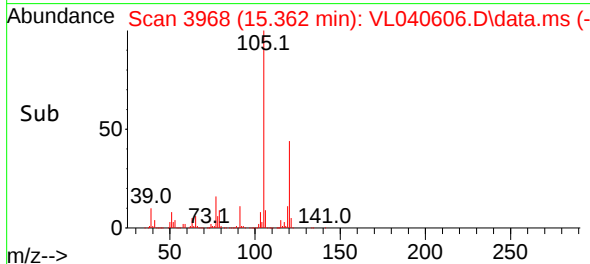
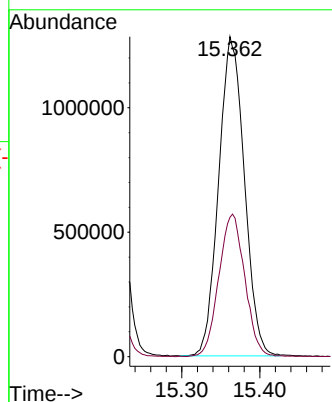
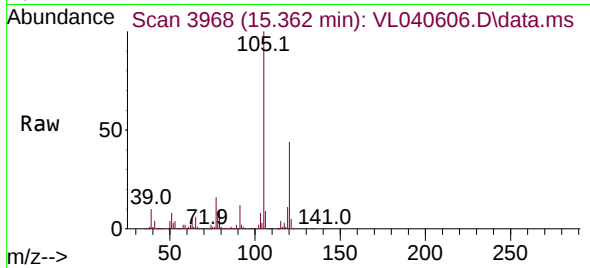




#73
 1,3,5-Trimethylbenzene
 Concen: 8.917 ppbv
 RT: 15.362 min Scan# 3968
 Delta R.T. -0.000 min
 Lab File: VL040606.D
 Acq: 9 Aug 2023 15:13

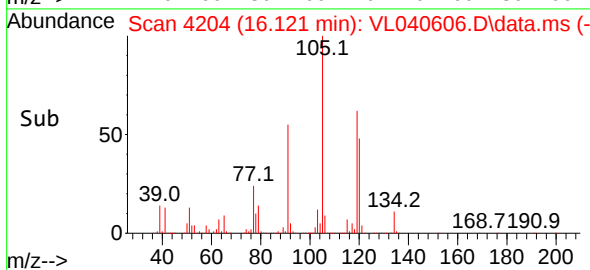
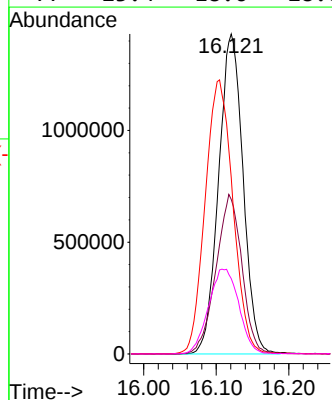
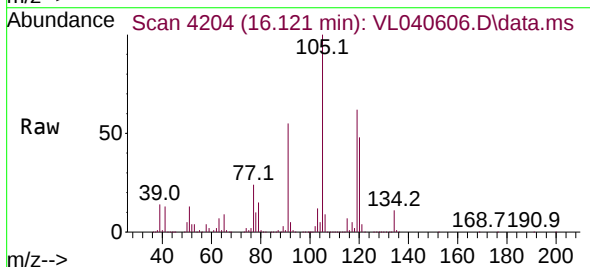
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0809ABS01

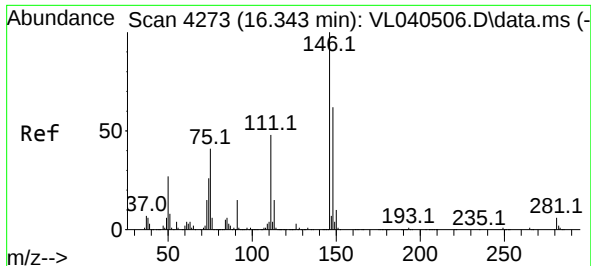
Tgt Ion:105 Resp: 2936364
 Ion Ratio Lower Upper
 105 100
 120 43.5 38.2 57.2



#74
 1,2,4-Trimethylbenzene
 Concen: 8.739 ppbv
 RT: 16.121 min Scan# 4204
 Delta R.T. 0.003 min
 Lab File: VL040606.D
 Acq: 9 Aug 2023 15:13

Tgt Ion:105 Resp: 3355265
 Ion Ratio Lower Upper
 105 100
 120 48.2 40.3 60.5
 91 54.9 46.8 70.2
 77 23.4 18.6 28.0

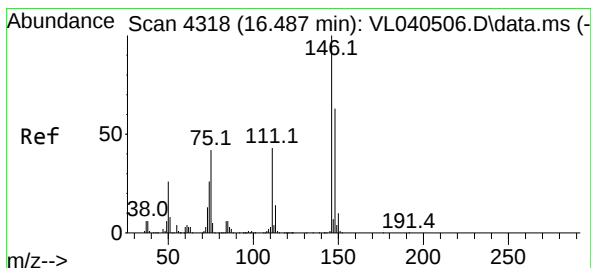
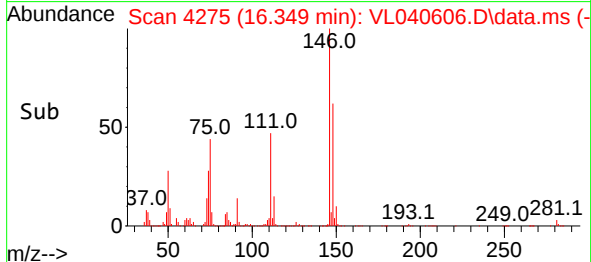
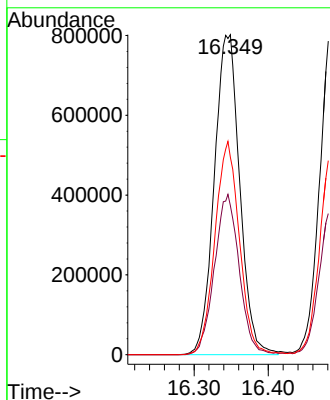
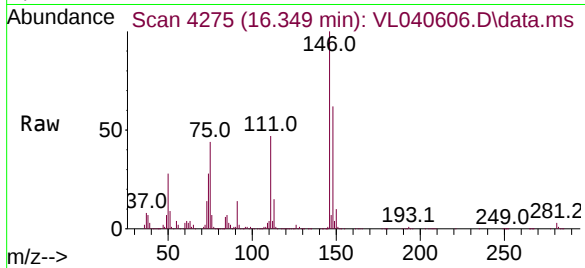




#75
1,3-Dichlorobenzene
Concen: 8.206 ppbv
RT: 16.349 min Scan# 4317
Delta R.T. 0.006 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

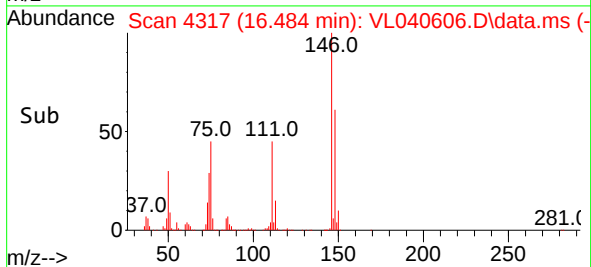
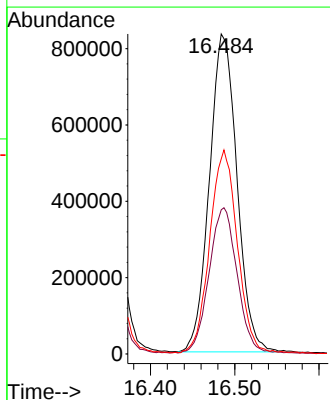
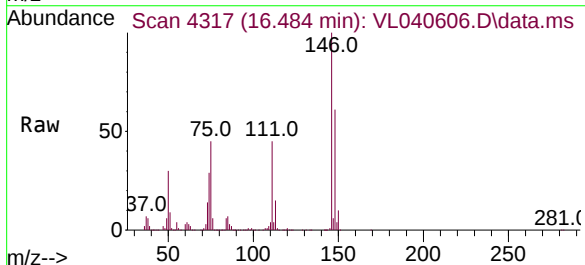
Instrument :
MSVOA_1
ClientSampleId :
VL0809ABS01

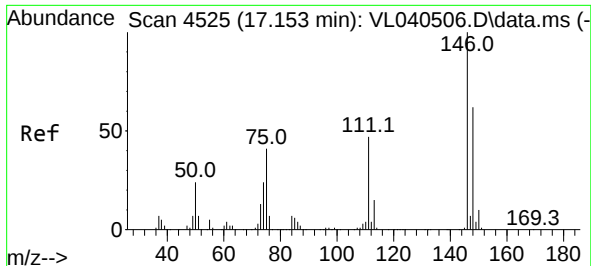
Tgt Ion:146 Resp: 1910179
Ion Ratio Lower Upper
146 100
111 48.8 23.6 71.0
148 64.3 32.2 96.6



#76
1,4-Dichlorobenzene
Concen: 8.300 ppbv
RT: 16.484 min Scan# 4317
Delta R.T. -0.003 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

Tgt Ion:146 Resp: 1894555
Ion Ratio Lower Upper
146 100
111 47.1 22.8 68.3
148 64.9 32.6 97.8

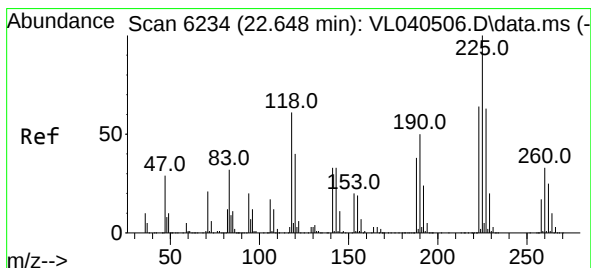
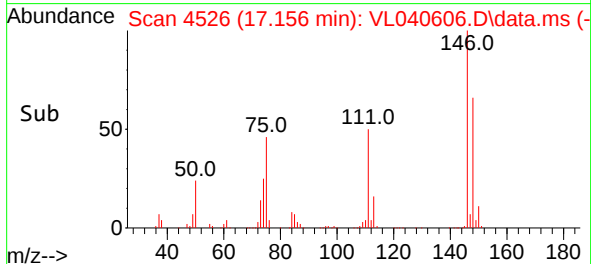
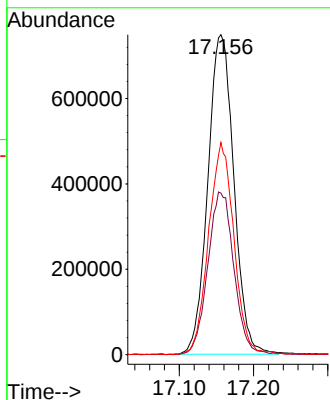
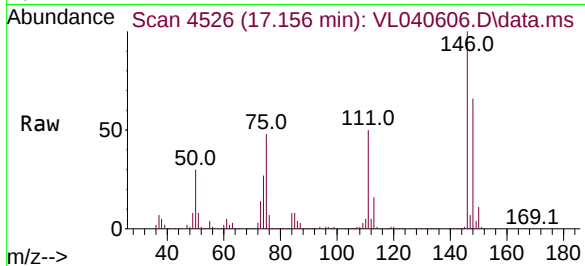




#77
1,2-Dichlorobenzene
Concen: 8.183 ppbv
RT: 17.156 min Scan# 4526
Delta R.T. 0.003 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

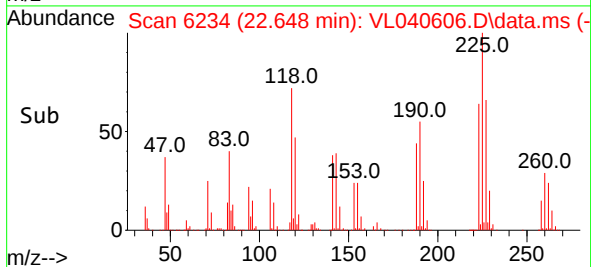
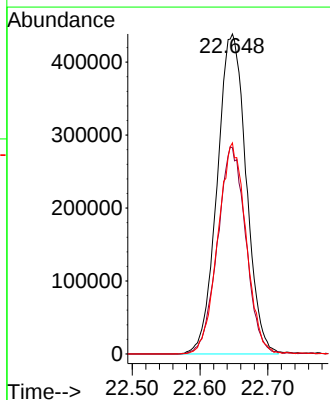
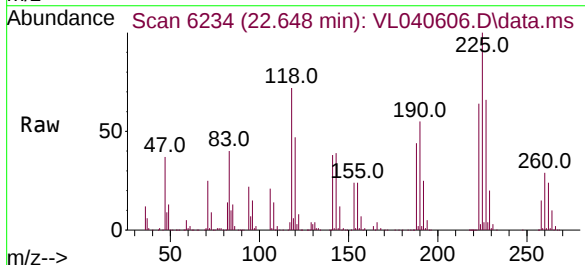
Instrument :
MSVOA_L
ClientSampleId :
VL0809ABS01

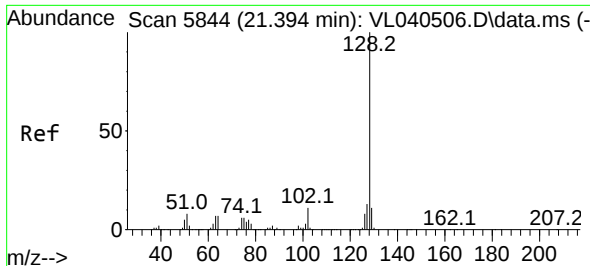
Tgt Ion:146 Resp: 1821400
Ion Ratio Lower Upper
146 100
111 51.5 24.3 72.8
148 64.7 32.1 96.3



#78
Hexachloro-1,3-Butadiene
Concen: 6.227 ppbv
RT: 22.648 min Scan# 6234
Delta R.T. -0.000 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

Tgt Ion:225 Resp: 1301650
Ion Ratio Lower Upper
225 100
223 63.3 50.3 75.5
227 64.4 51.0 76.6

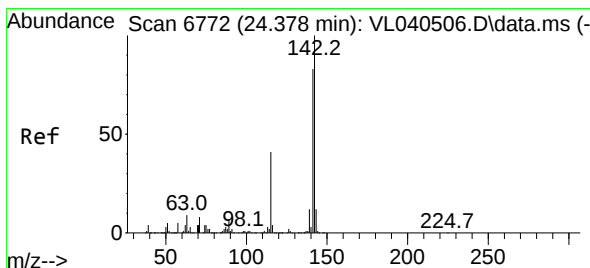
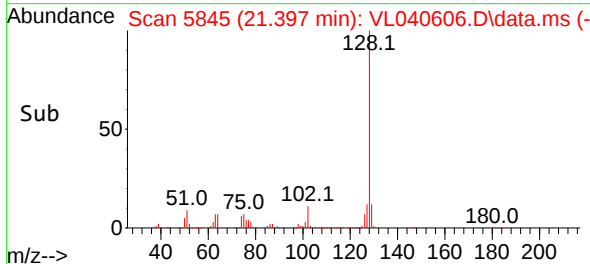
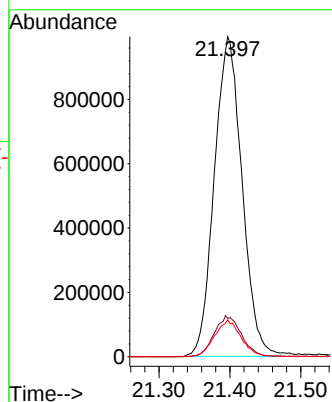
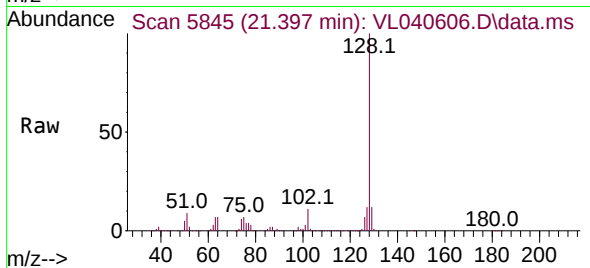




#79
Naphthalene
Concen: 8.316 ppbv
RT: 21.397 min Scan# 5845
Delta R.T. 0.003 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

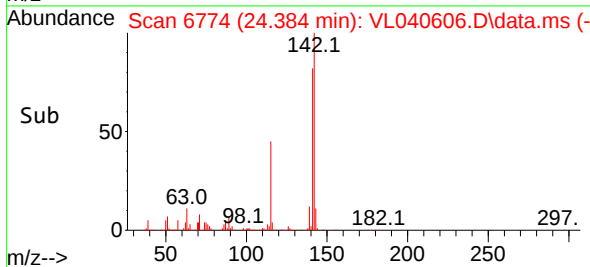
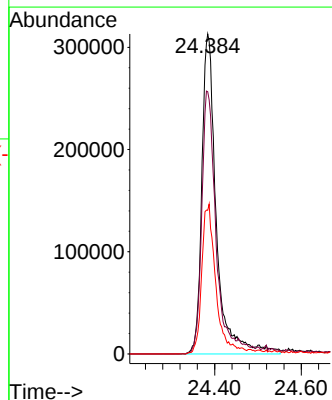
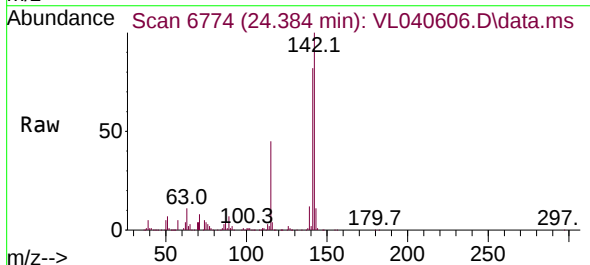
Instrument :
MSVOA_L
ClientSampleId :
VL0809ABS01

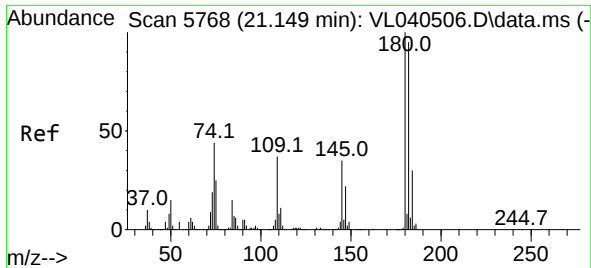
Tgt Ion:128 Resp: 2701419
Ion Ratio Lower Upper
128 100
127 11.9 10.7 16.1
129 11.5 9.2 13.8



#80
Naphthalene,2-methyl-
Concen: 5.455 ppbv
RT: 24.384 min Scan# 6774
Delta R.T. 0.006 min
Lab File: VL040606.D
Acq: 9 Aug 2023 15:13

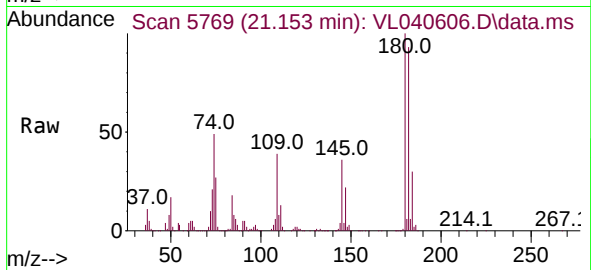
Tgt Ion:142 Resp: 730640
Ion Ratio Lower Upper
142 100
141 82.8 66.7 100.1
115 46.6 33.0 49.6





#81
 1,2,4-Trichlorobenzene
 Concen: 7.105 ppbv
 RT: 21.153 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VL040606.D
 Acq: 9 Aug 2023 15:13

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0809ABS01



Tgt Ion:180 Resp: 1590598

Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.5	116.3
184	30.3	24.5	36.7

