

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100423\
 Data File : VL040751.D
 Acq On : 4 Oct 2023 22:12
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 05 04:29:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 19 05:12:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	833290	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2176301	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.452	117	2108217	10.000	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1702425	10.452	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.742	85	2099251	11.434	ppbv	98
3) Chlorodifluoromethane	2.687	51	1434798	10.569	ppbv	100
4) Chloromethane	2.825	50	532357	10.243	ppbv	99
5) Vinyl Chloride	2.931	62	630751	10.269	ppbv	94
6) Bromomethane	3.131	94	321029	10.833	ppbv	89
7) Chloroethane	3.205	64	224403	10.637	ppbv	96
8) Dichlorotetrafluoroethane	2.867	85	1619643	10.686	ppbv	99
9) Propene	2.706	41	385644	9.861	ppbv	100
10) Heptane	7.568	43	1008929	11.449	ppbv	99
11) Trichlorofluoromethane	3.568	101	1859832	11.523	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.066	101	1329117	11.512	ppbv	97
13) Ethanol	3.247	45	98417	8.502	ppbv	93
14) Bromoethene	3.372	108	542189	11.196	ppbv	100
15) Acetone	3.475	43	1081724	9.842	ppbv	98
16) 1,3-Butadiene	2.996	39	552595	11.536	ppbv	99
17) tert-Butyl alcohol	3.880	59	1242049	11.032	ppbv	99
18) 1,1-Dichloroethene	3.883	96	599118	11.675	ppbv	95
19) Isopropyl Alcohol	3.578	45	719145	10.859	ppbv #	95
20) Methylene Chloride	3.935	84	508394	8.594	ppbv	96
21) Allyl Chloride	3.999	41	769995	11.431	ppbv	98
22) trans-1,2-Dichloroethene	4.446	96	601283	11.850	ppbv	96
23) Vinyl Acetate	4.626	43	1376564	12.110	ppbv	99
24) 1,1-Dichloroethane	4.562	63	1199600	11.277	ppbv	100
25) Ethyl Acetate	5.201	43	1884526	10.631	ppbv	100
26) Hexane	5.211	57	824499	9.836	ppbv	99
27) Carbon Disulfide	4.128	76	1463263	12.518	ppbv	99
28) Methyl tert-Butyl Ether	4.587	73	827935	11.480	ppbv	100
29) Chloroform	5.272	83	1549396	10.706	ppbv	100
30) Cyclohexane	6.594	84	706053	11.185	ppbv	99
31) cis-1,2-Dichloroethene	5.079	61	862306	11.088	ppbv	99
32) 1,1,1-Trichloroethane	5.999	97	1622874	10.968	ppbv	100
34) 2-Butanone	4.783	43	1138721	10.404	ppbv	99
35) Carbon Tetrachloride	6.484	117	1749311	11.706	ppbv	98
36) Benzene	6.362	78	1730552	10.738	ppbv	98
37) 1,2-Dichloroethane	5.803	62	1213905	11.006	ppbv	99
38) Trichloroethene	7.282	130	745856	12.136	ppbv	96
39) 1,2-Dichloropropane	7.066	63	654201	10.546	ppbv	97
40) 1,4-Dioxane	7.275	88	278255	11.865	ppbv #	96
41) Tetrahydrofuran	5.552	42	611560	10.897	ppbv	100
42) Bromodichloromethane	7.240	83	1723149	11.450	ppbv	98
43) Methyl Methacrylate	7.462	69	385847	6.441	ppbv #	1
44) 2,2,4-Trimethylpentane	7.317	57	2888273	11.256	ppbv	99
45) t-1,3-Dichloropropene	8.700	75	618651	13.319	ppbv	98

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 Acq On : 4 Oct 2023 22:12
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 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

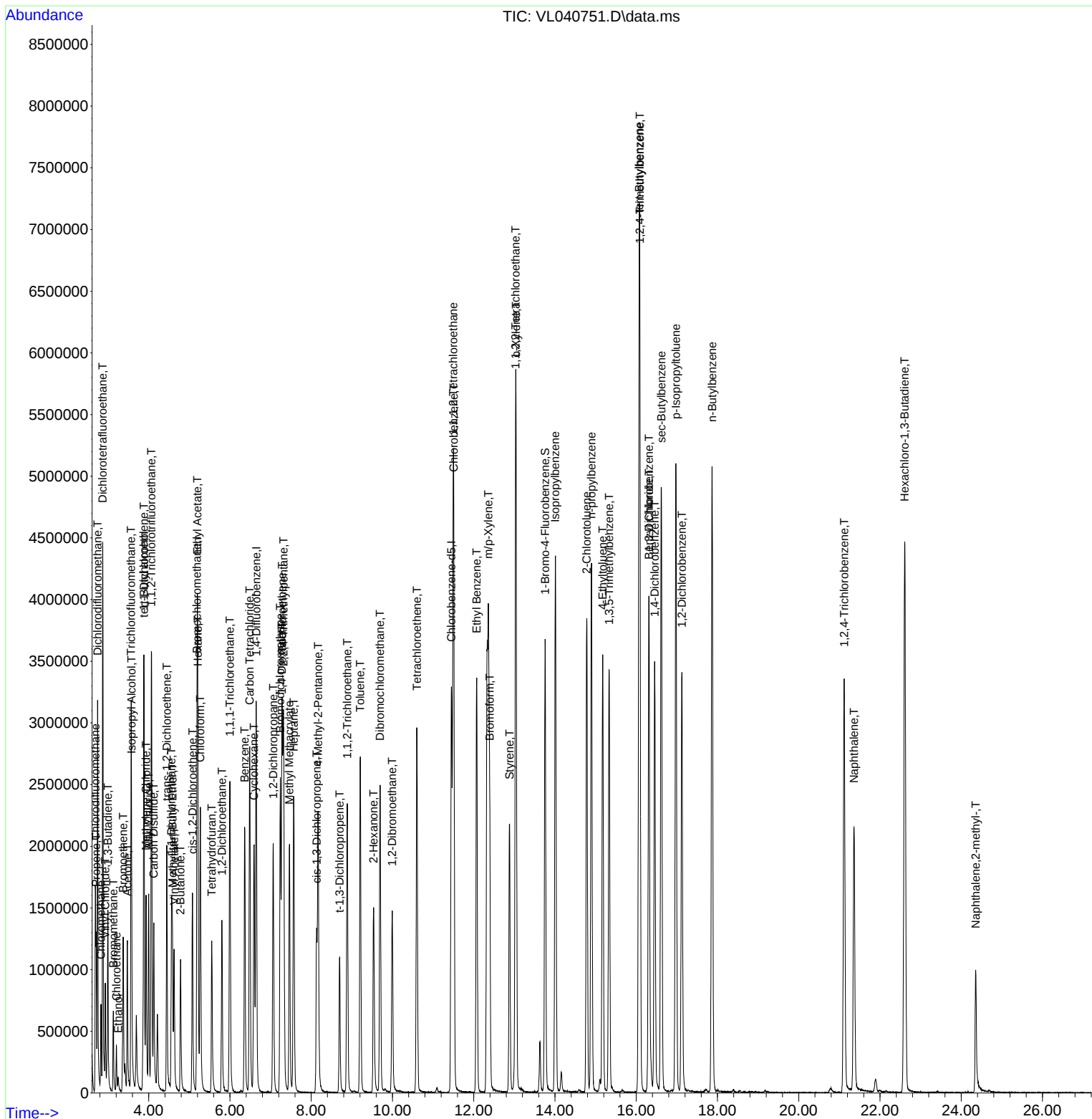
Instrument :
 MSVOA_L
 ClientSampleId :

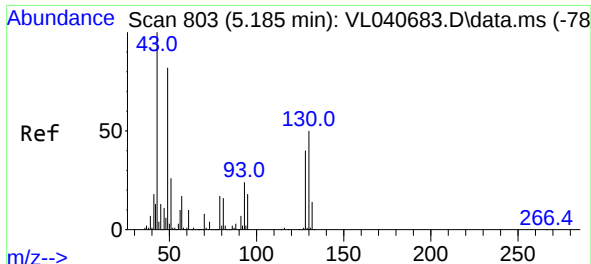
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 19 05:12:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.134	75	707902	12.456	ppbv	95
47) 1,1,2-Trichloroethane	8.886	97	786764	11.052	ppbv	98
48) Dibromochloromethane	9.696	129	1469151	12.510	ppbv	100
49) Bromoform	12.394	173	1250596	12.967	ppbv	99
50) 4-Methyl-2-Pentanone	8.169	43	1776258	12.010	ppbv	99
51) 2-Hexanone	9.536	43	1309302	12.826	ppbv	100
52) Tetrachloroethene	10.603	164	655400	12.467	ppbv	99
53) Toluene	9.208	91	2087776	12.271	ppbv	100
54) 1,2-Dibromoethane	9.995	107	1150077	12.657	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.494	131	1105896	11.005	ppbv	95
57) Chlorobenzene	11.510	112	1729106	10.831	ppbv	97
58) Ethyl Benzene	12.073	91	2961629	12.322	ppbv	99
59) m/p-Xylene	12.359	91	2852506	12.638	ppbv #	40
60) o-Xylene	13.040	91	2591762	12.041	ppbv	100
61) Styrene	12.883	104	1231716	13.654	ppbv	100
62) Isopropylbenzene	14.008	105	3780465	11.633	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.031	83	1874209	11.110	ppbv	99
64) n-propylbenzene	14.899	120	972068	11.963	ppbv	98
65) tert-Butylbenzene	16.072	119	3449888	11.827	ppbv	100
66) Benzyl Chloride	16.310	91	450943	13.247	ppbv	100
67) sec-Butylbenzene	16.619	105	4844322	11.601	ppbv	100
69) p-Isopropyltoluene	16.976	119	3951187	12.040	ppbv	99
70) n-Butylbenzene	17.867	91	4319354	11.958	ppbv	100
71) 2-Chlorotoluene	14.783	91	2916743	12.130	ppbv	99
72) 4-Ethyltoluene	15.175	105	3007032	12.458	ppbv	98
73) 1,3,5-Trimethylbenzene	15.333	105	2631528	12.108	ppbv	99
74) 1,2,4-Trimethylbenzene	16.088	105	3068653	11.582	ppbv	96
75) 1,3-Dichlorobenzene	16.314	146	1746983	11.572	ppbv	100
76) 1,4-Dichlorobenzene	16.455	146	1694352	11.407	ppbv	99
77) 1,2-Dichlorobenzene	17.124	146	1664052	11.067	ppbv	99
78) Hexachloro-1,3-Butadiene	22.606	225	1251719	11.002	ppbv	99
79) Naphthalene	21.358	128	2665413	16.166	ppbv	98
80) Naphthalene,2-methyl-	24.358	142	673682	16.682	ppbv	98
81) 1,2,4-Trichlorobenzene	21.120	180	1375853	12.775	ppbv	100

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

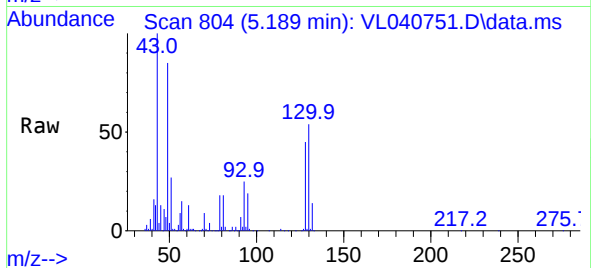
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QLast Update : Tue Sep 19 05:12:43 2023
Response via : Initial Calibration



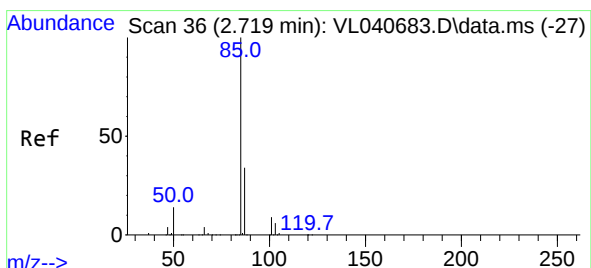
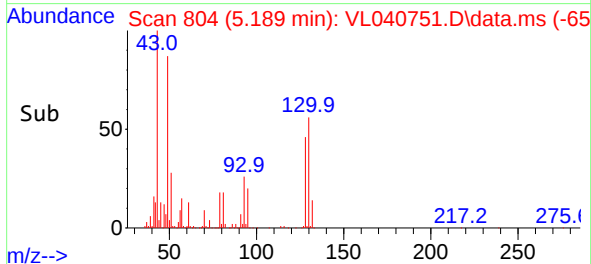
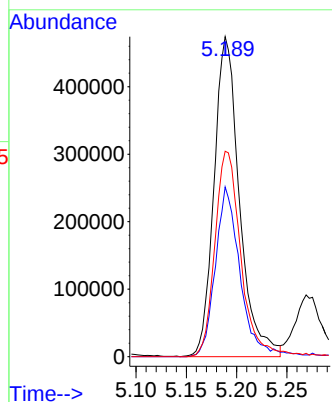


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. -0.009 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

Instrument :
MSVOA_L
ClientSampleId :

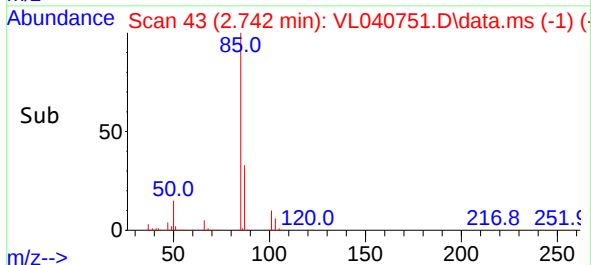
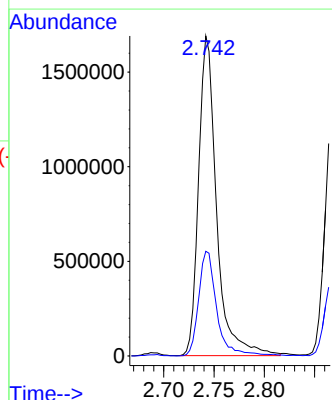
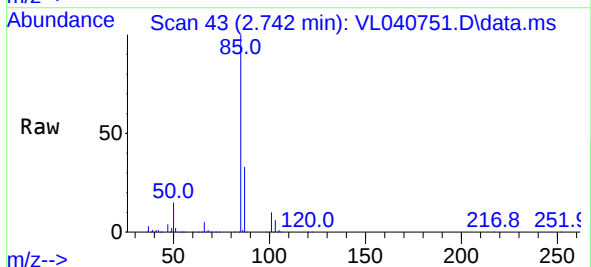


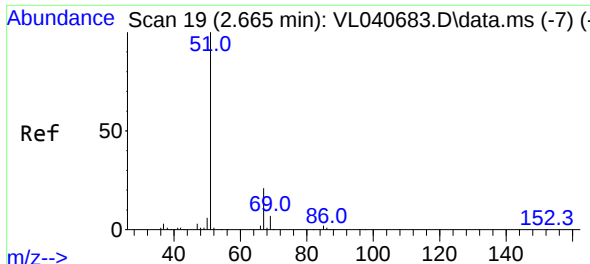
Tgt Ion: 49 Resp: 833290
Ion Ratio Lower Upper
49 100
128 52.5 25.4 76.0
130 66.8 32.3 96.8



#2
Dichlorodifluoromethane
Concen: 11.434 ppbv
RT: 2.742 min Scan# 43
Delta R.T. 0.010 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

Tgt Ion: 85 Resp: 2099251
Ion Ratio Lower Upper
85 100
87 32.7 27.2 40.8

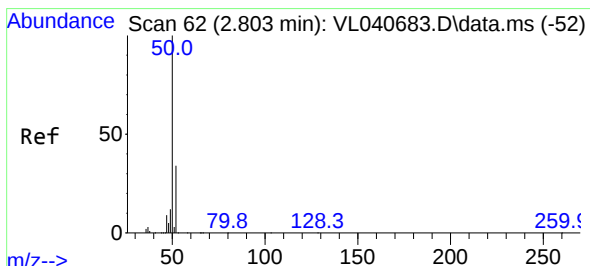
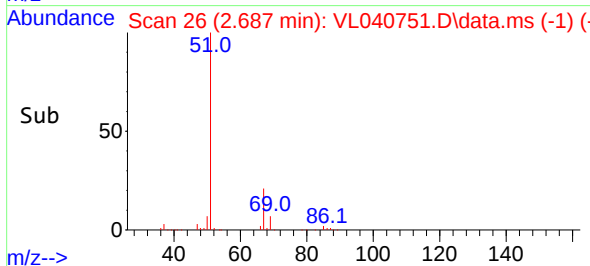
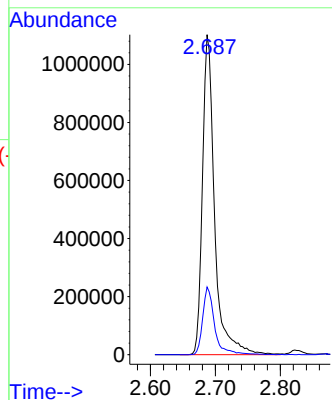
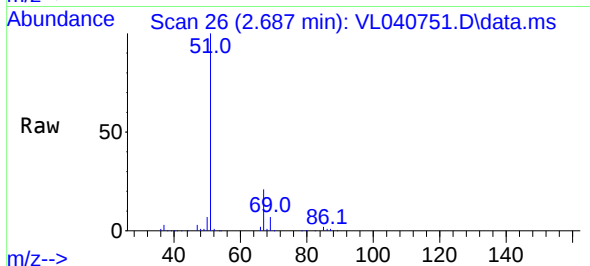




#3
Chlorodifluoromethane
Concen: 10.569 ppbv
RT: 2.687 min Scan# 20
Delta R.T. 0.010 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

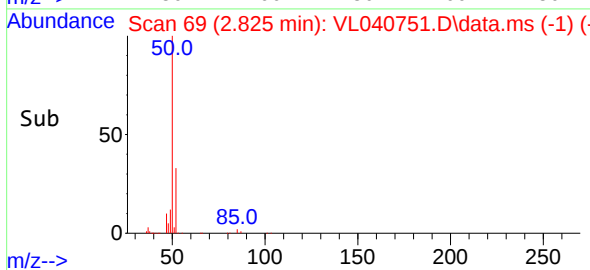
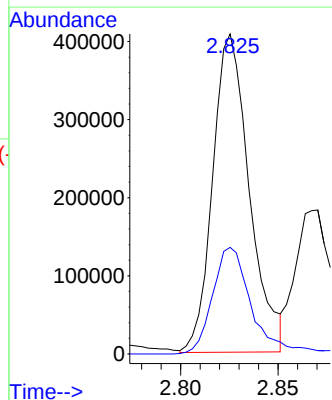
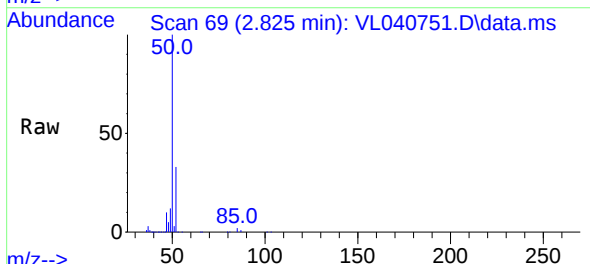
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 1434798
Ion Ratio Lower Upper
51 100
67 20.9 16.7 25.1

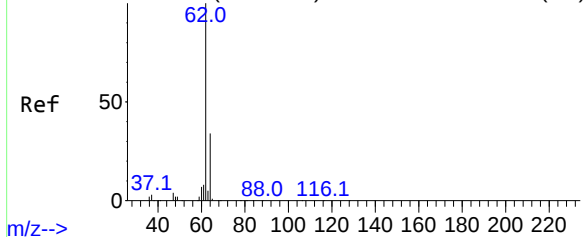


#4
Chloromethane
Concen: 10.243 ppbv
RT: 2.825 min Scan# 69
Delta R.T. 0.010 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

Tgt Ion: 50 Resp: 532357
Ion Ratio Lower Upper
50 100
52 33.5 27.1 40.7



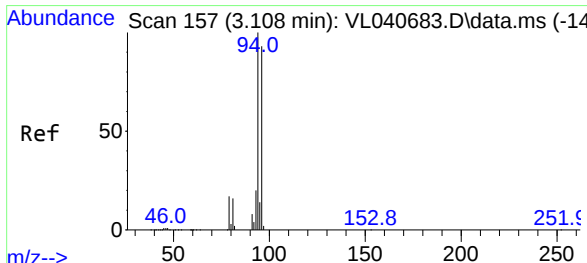
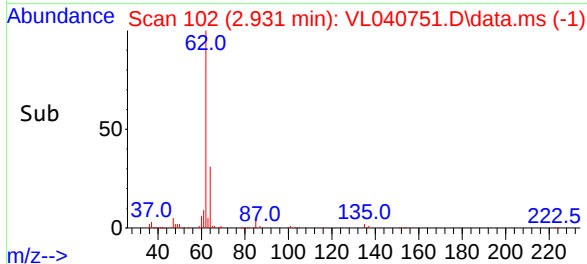
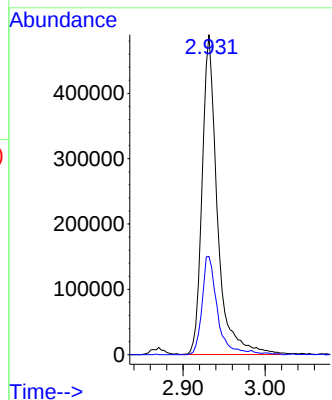
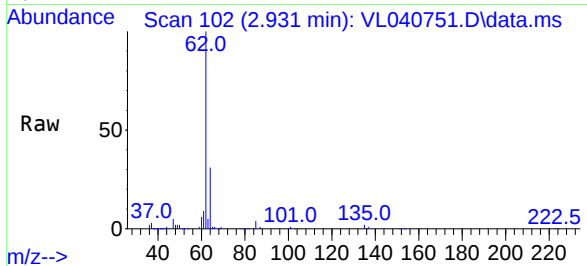
Abundance Scan 95 (2.909 min): VL040683.D\data.ms (-86)



#5
Vinyl Chloride
Concen: 10.269 ppbv
RT: 2.931 min Scan# 102
Delta R.T. 0.007 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

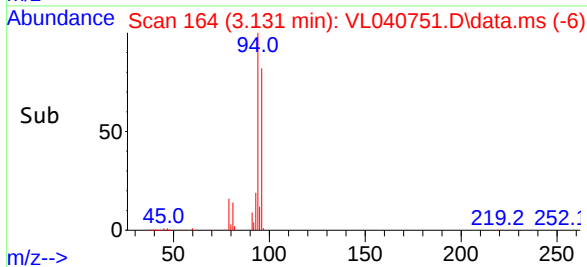
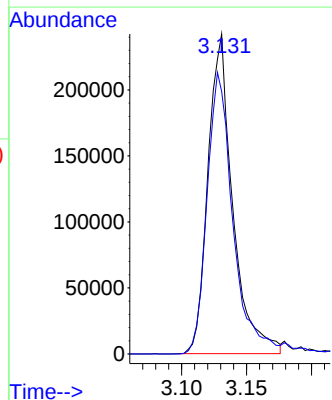
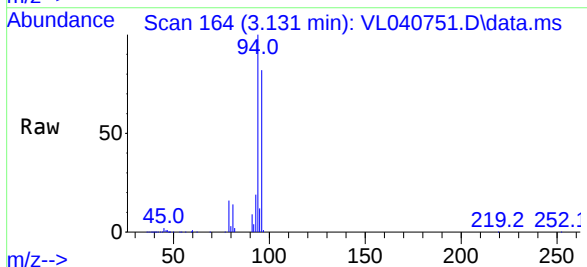
Instrument :
MSVOA_L
ClientSampleId :

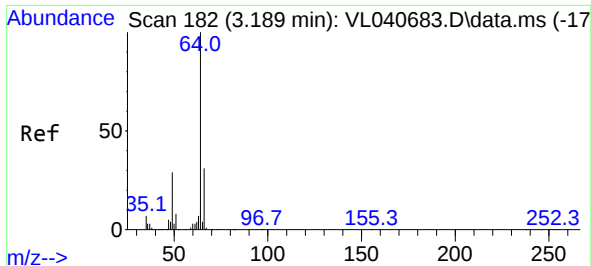
Tgt Ion: 62 Resp: 630751
Ion Ratio Lower Upper
62 100
64 30.7 27.2 40.8



#6
Bromomethane
Concen: 10.833 ppbv
RT: 3.131 min Scan# 164
Delta R.T. 0.007 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

Tgt Ion: 94 Resp: 321029
Ion Ratio Lower Upper
94 100
96 82.2 74.4 111.6

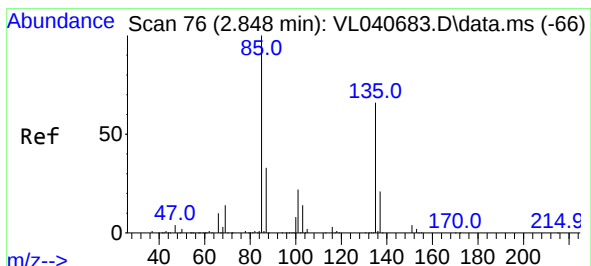
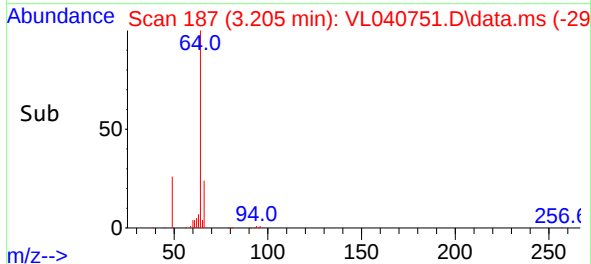
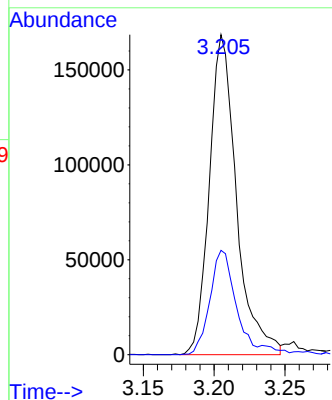
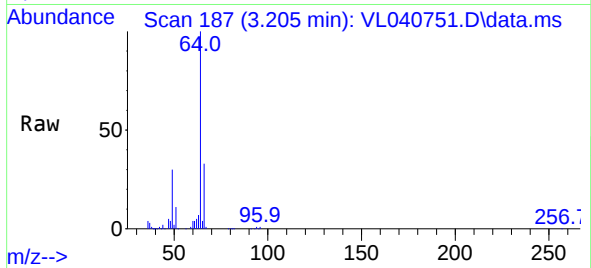




#7
Chloroethane
Concen: 10.637 ppbv
RT: 3.205 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

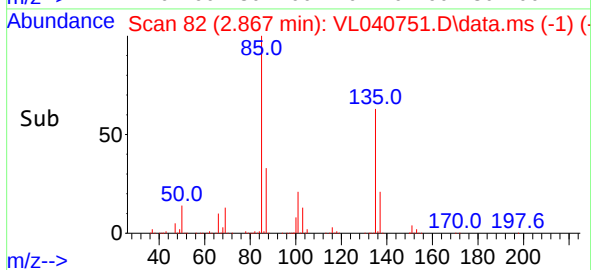
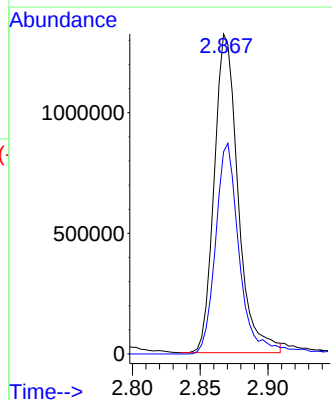
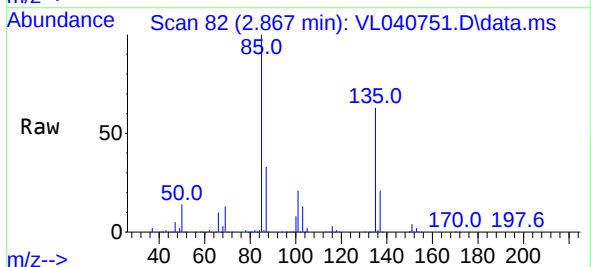
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 224403
Ion Ratio Lower Upper
64 100
66 32.6 24.5 36.7

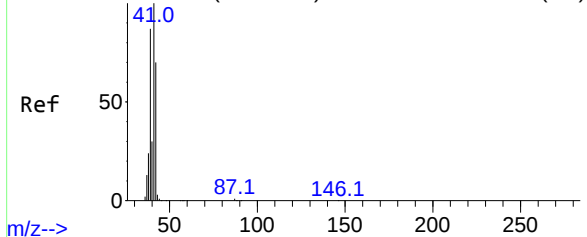


#8
Dichlorotetrafluoroethane
Concen: 10.686 ppbv
RT: 2.867 min Scan# 82
Delta R.T. 0.007 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

Tgt Ion: 85 Resp: 1619643
Ion Ratio Lower Upper
85 100
135 67.8 53.4 80.2



Abundance Scan 25 (2.684 min): VL040683.D\data.ms (-16)



#9

Propene

Concen: 9.861 ppbv

RT: 2.706 min Scan# 31

Delta R.T. 0.010 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

Instrument :

MSVOA_L

ClientSampleId :

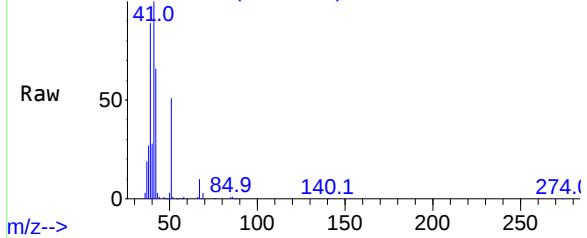
Tgt Ion: 41 Resp: 385644

Ion Ratio Lower Upper

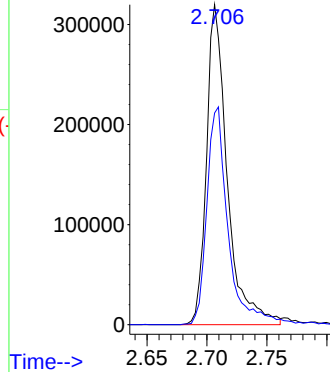
41 100

42 70.8 56.7 85.1

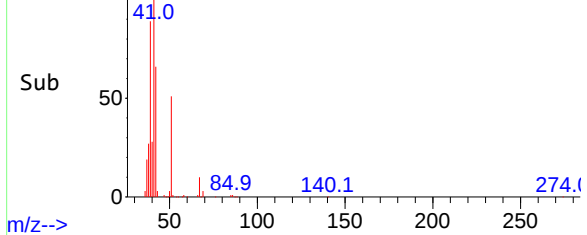
Abundance Scan 32 (2.706 min): VL040751.D\data.ms



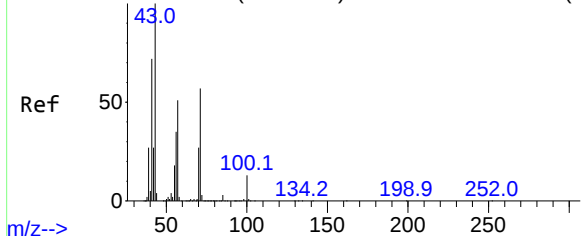
Abundance



Abundance Scan 32 (2.706 min): VL040751.D\data.ms (-1)



Abundance Scan 1546 (7.574 min): VL040683.D\data.ms (-1)



#10

Heptane

Concen: 11.449 ppbv

RT: 7.568 min Scan# 1544

Delta R.T. -0.019 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

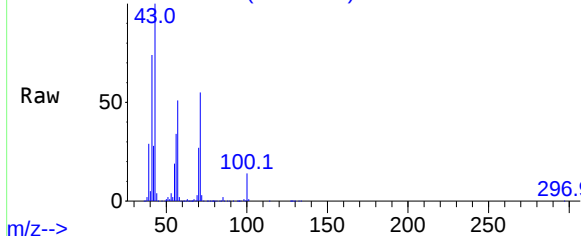
Tgt Ion: 43 Resp: 1008929

Ion Ratio Lower Upper

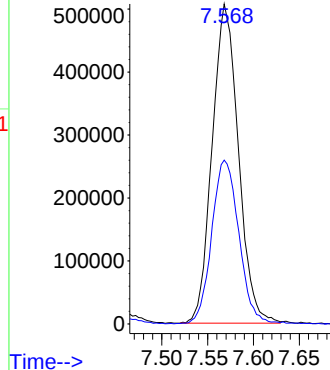
43 100

57 53.2 41.8 62.6

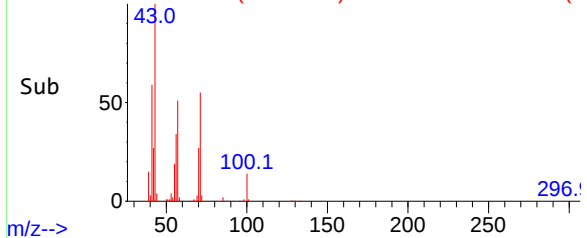
Abundance Scan 1544 (7.568 min): VL040751.D\data.ms

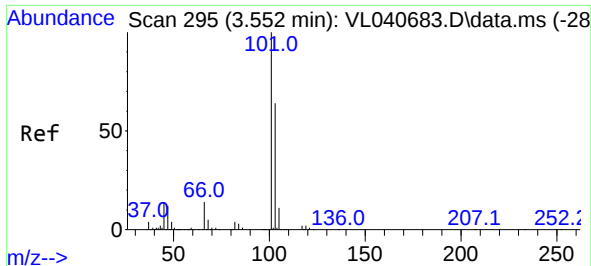


Abundance



Abundance Scan 1544 (7.568 min): VL040751.D\data.ms (-1)

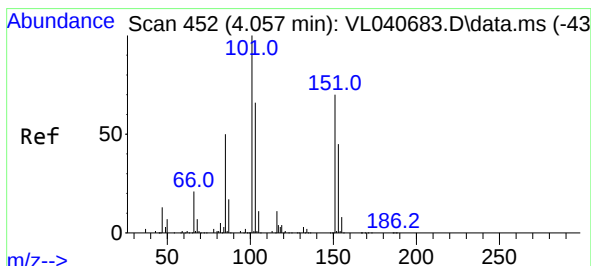
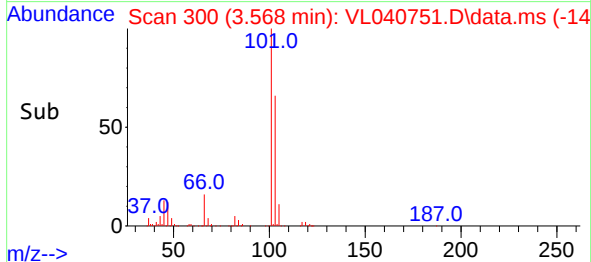
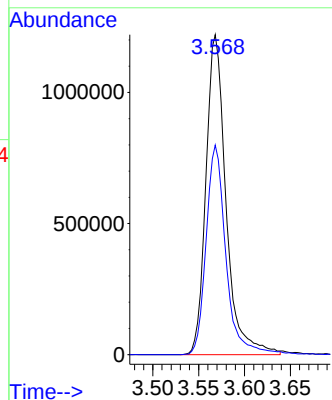
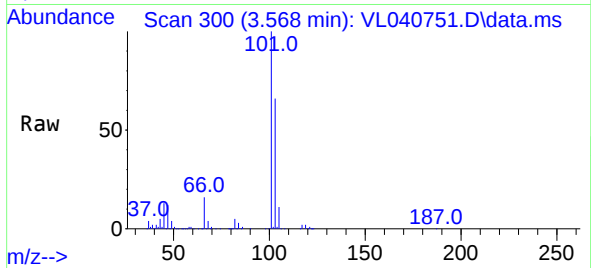




#11
 Trichlorofluoromethane
 Concen: 11.523 ppbv
 RT: 3.568 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VL040751.D
 Acq: 4 Oct 2023 22:12

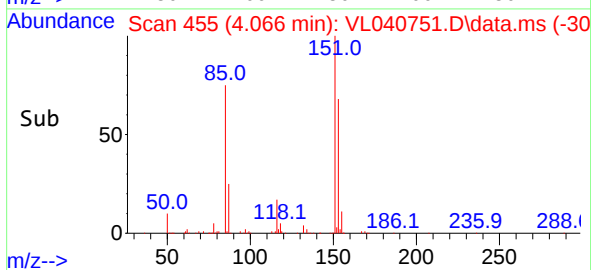
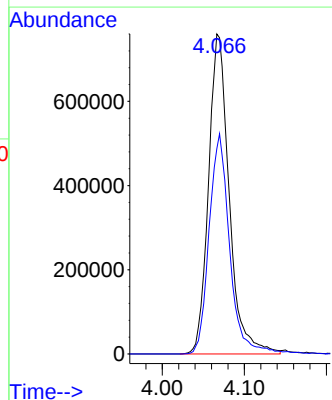
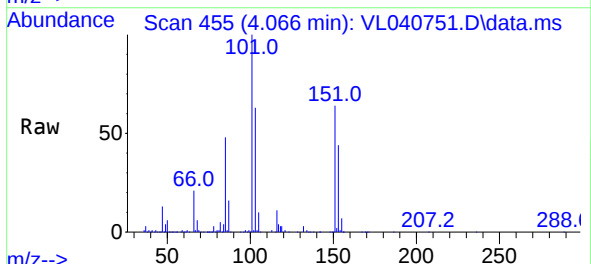
Instrument :
 MSVOA_L
 ClientSampleId :

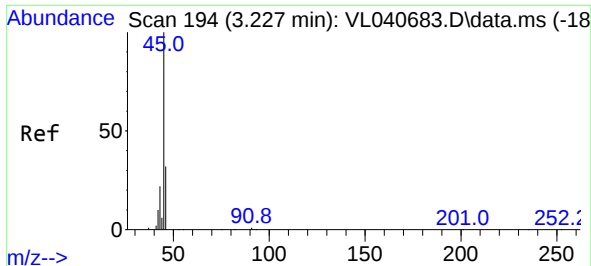
Tgt Ion:101 Resp: 1859832
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.3 76.9



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.512 ppbv
 RT: 4.066 min Scan# 455
 Delta R.T. -0.006 min
 Lab File: VL040751.D
 Acq: 4 Oct 2023 22:12

Tgt Ion:101 Resp: 1329117
 Ion Ratio Lower Upper
 101 100
 151 68.8 56.8 85.2

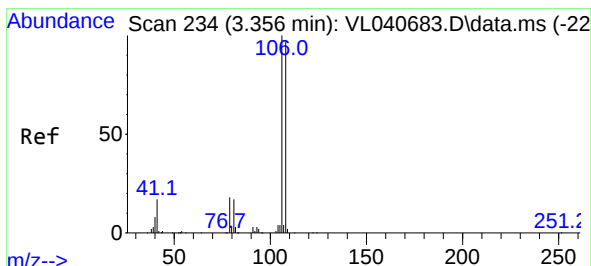
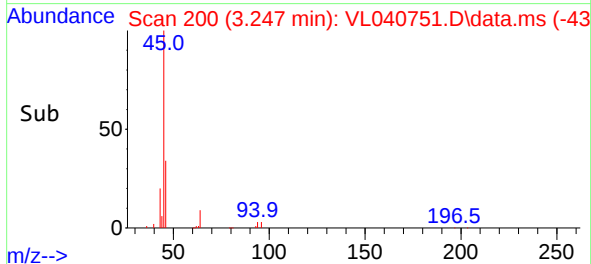
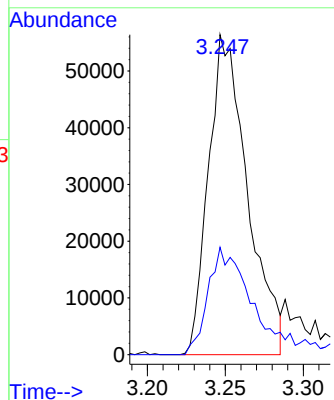
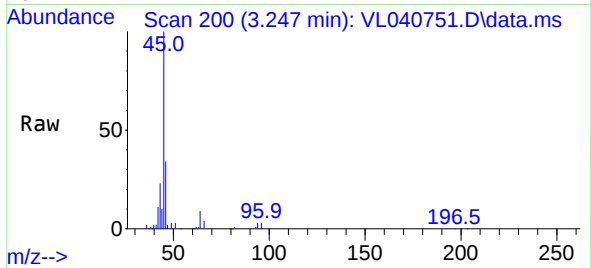




#13
Ethanol
Concen: 8.502 ppbv
RT: 3.247 min Scan# 200
Delta R.T. 0.003 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

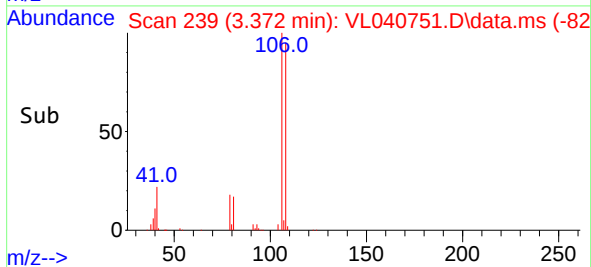
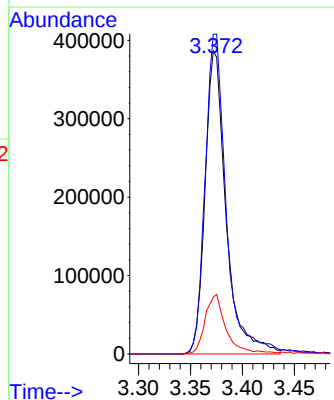
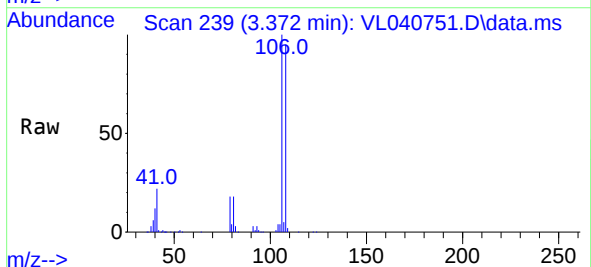
Instrument :
MSVOA_L
ClientSampleId :

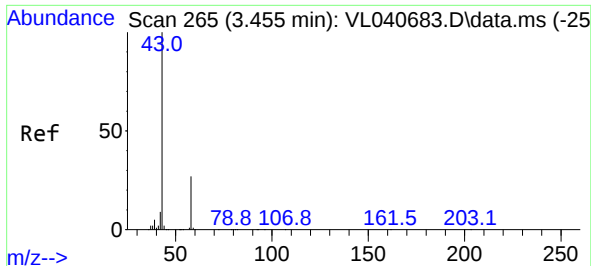
Tgt Ion: 45 Resp: 98417
Ion Ratio Lower Upper
45 100
46 42.1 15.2 61.0



#14
Bromoethene
Concen: 11.196 ppbv
RT: 3.372 min Scan# 239
Delta R.T. 0.003 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

Tgt Ion: 108 Resp: 542189
Ion Ratio Lower Upper
108 100
106 107.5 86.0 129.0
79 20.5 15.6 23.4





#15

Acetone

Concen: 9.842 ppbv

RT: 3.475 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

Instrument :

MSVOA_L

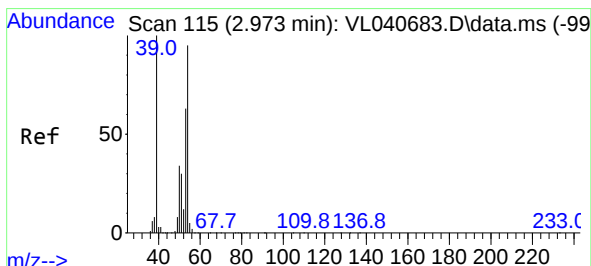
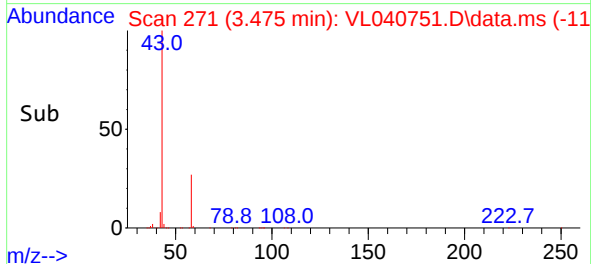
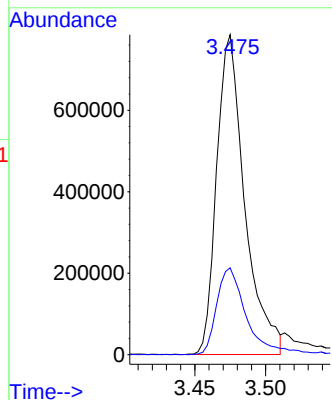
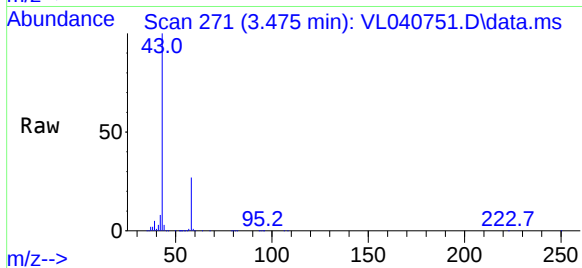
ClientSampleId :

Tgt Ion: 43 Resp: 1081724

Ion Ratio Lower Upper

43 100

58 29.1 22.6 34.0



#16

1,3-Butadiene

Concen: 11.536 ppbv

RT: 2.996 min Scan# 122

Delta R.T. 0.007 min

Lab File: VL040751.D

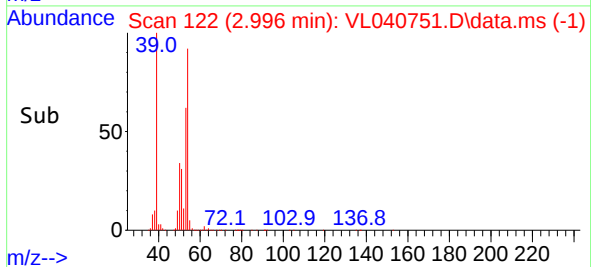
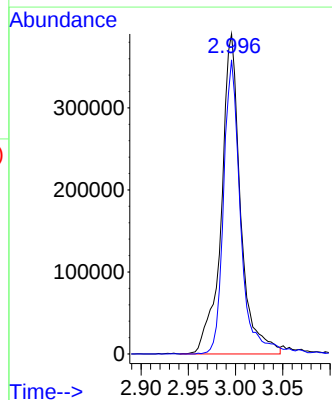
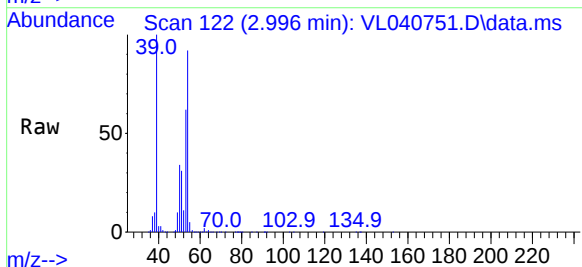
Acq: 4 Oct 2023 22:12

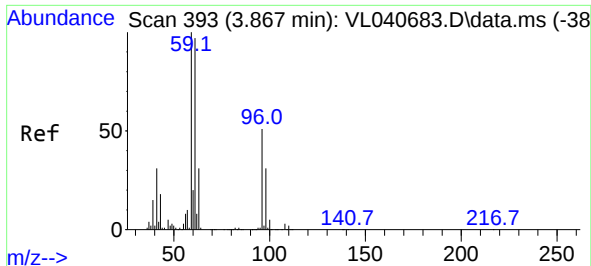
Tgt Ion: 39 Resp: 552595

Ion Ratio Lower Upper

39 100

54 82.3 64.8 97.2





#17

tert-Butyl alcohol

Concen: 11.032 ppbv

RT: 3.880 min Scan# 397

Delta R.T. -0.003 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

Instrument :

MSVOA_L

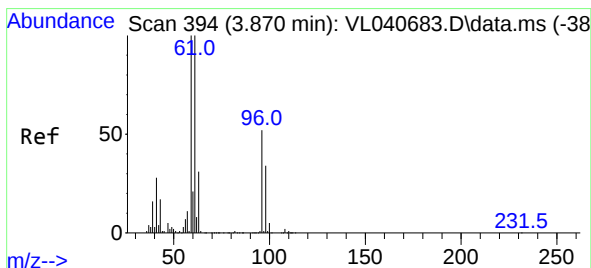
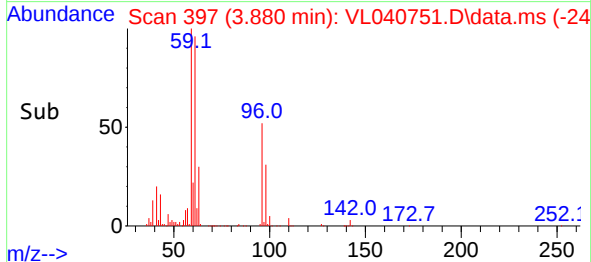
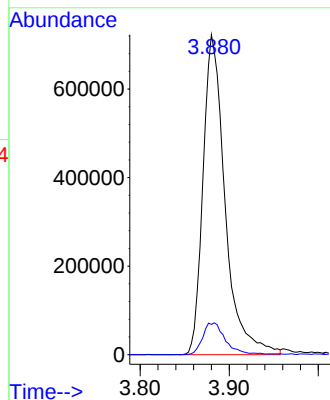
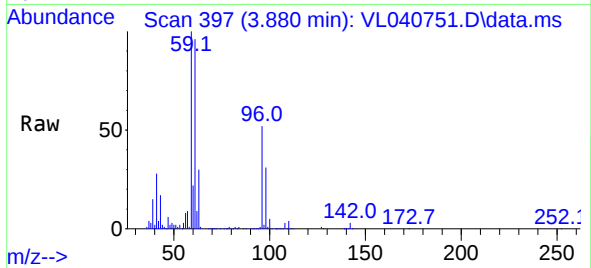
ClientSampleId :

Tgt Ion: 59 Resp: 1242049

Ion Ratio Lower Upper

59 100

57 10.6 8.7 13.1



#18

1,1-Dichloroethene

Concen: 11.675 ppbv

RT: 3.883 min Scan# 398

Delta R.T. 0.000 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

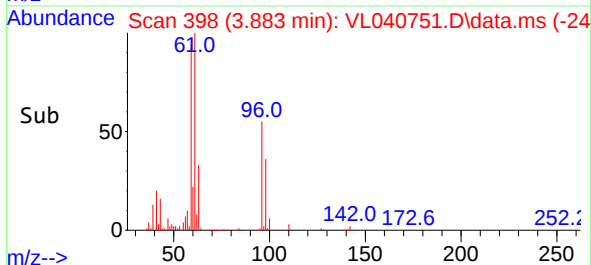
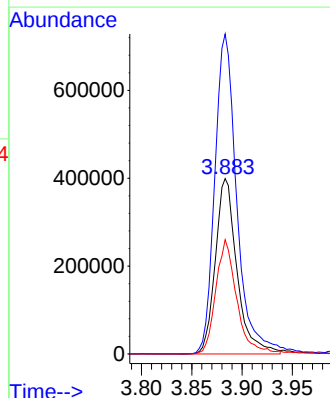
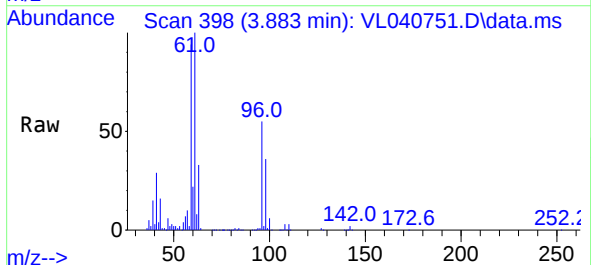
Tgt Ion: 96 Resp: 599118

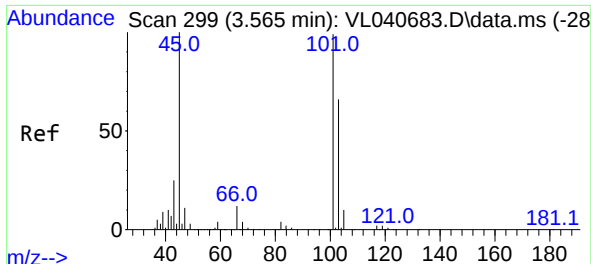
Ion Ratio Lower Upper

96 100

61 182.4 153.6 230.4

98 65.1 51.9 77.9





#19

Isopropyl Alcohol

Concen: 10.859 ppbv

RT: 3.578 min Scan# 303

Delta R.T. 0.000 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

Instrument :

MSVOA_L

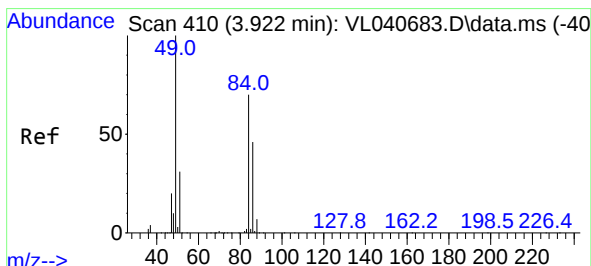
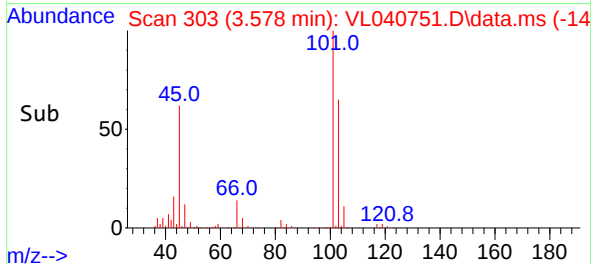
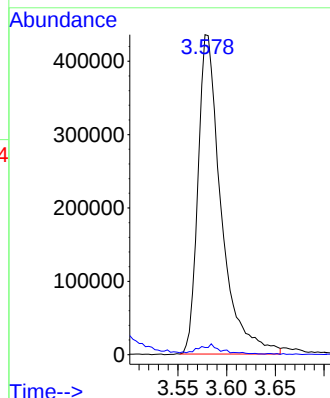
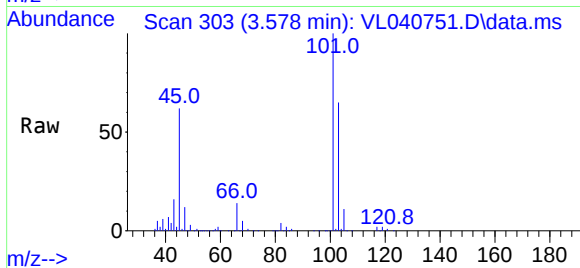
ClientSampleId :

Tgt Ion: 45 Resp: 719145

Ion Ratio Lower Upper

45 100

58 4.0 1.9 2.9#



#20

Methylene Chloride

Concen: 8.594 ppbv

RT: 3.935 min Scan# 414

Delta R.T. -0.003 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

Tgt Ion: 84 Resp: 508394

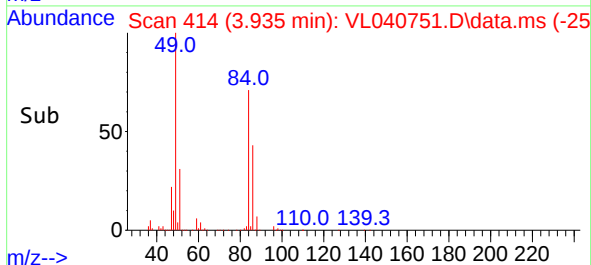
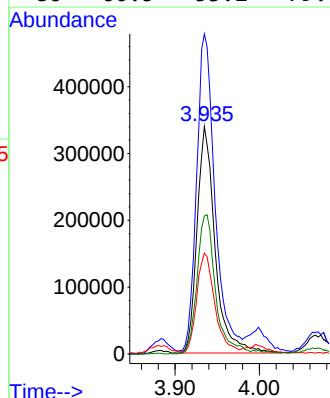
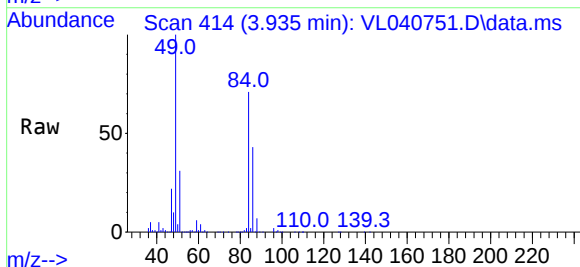
Ion Ratio Lower Upper

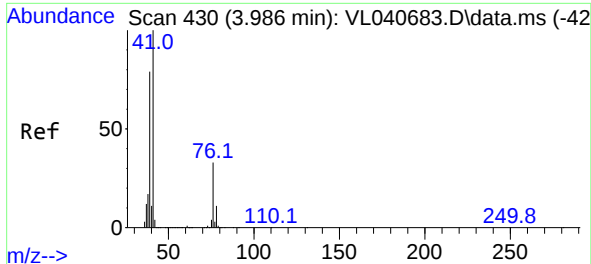
84 100

49 139.6 114.4 171.6

51 43.5 35.5 53.3

86 60.5 53.2 79.8

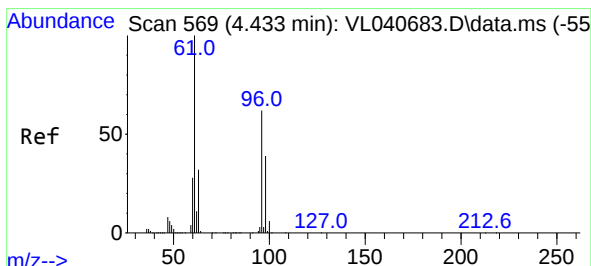
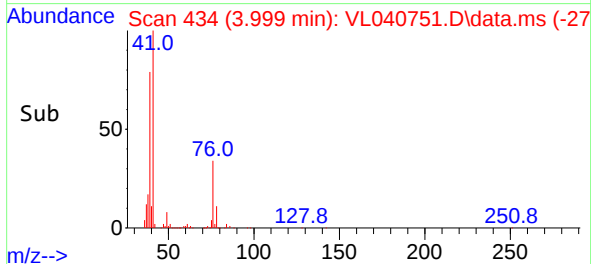
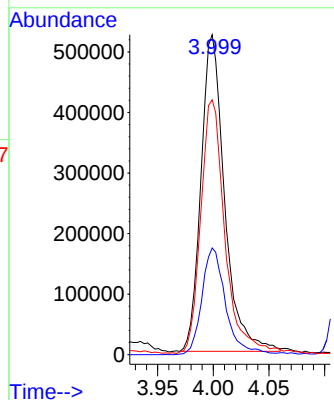
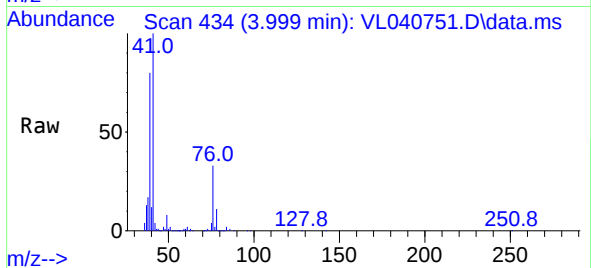




#21
Allyl Chloride
Concen: 11.431 ppbv
RT: 3.999 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

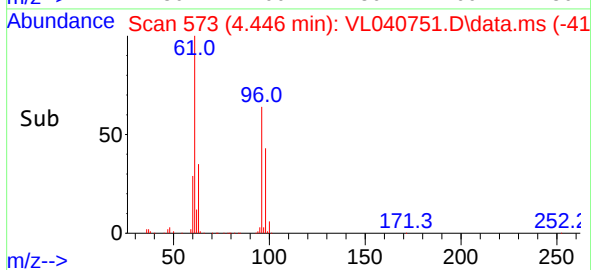
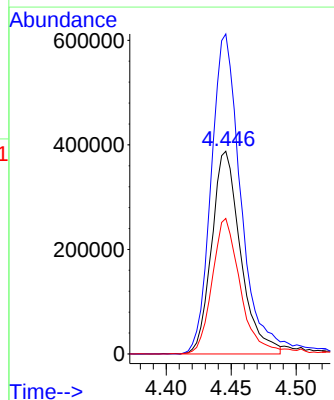
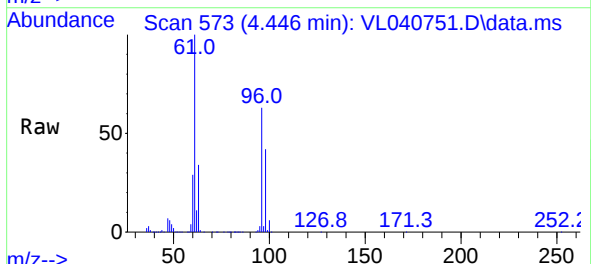
Instrument :
MSVOA_L
ClientSampleId :

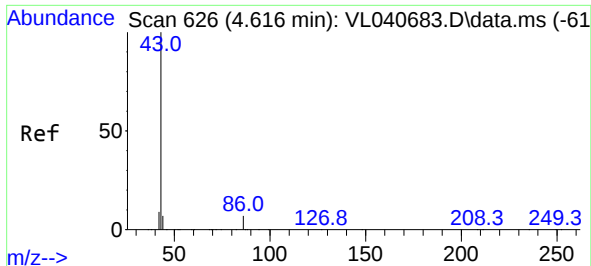
Tgt Ion: 41 Resp: 769995
Ion Ratio Lower Upper
41 100
76 34.2 26.6 40.0
39 83.1 65.0 97.4



#22
trans-1,2-Dichloroethene
Concen: 11.850 ppbv
RT: 4.446 min Scan# 573
Delta R.T. -0.006 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

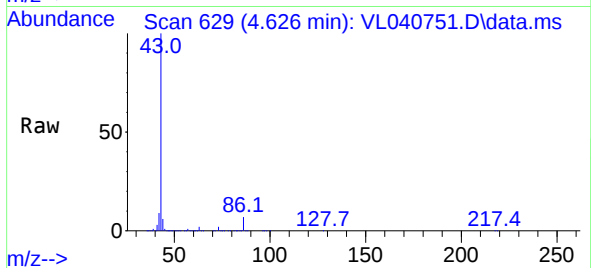
Tgt Ion: 96 Resp: 601283
Ion Ratio Lower Upper
96 100
61 157.9 129.9 194.9
98 66.8 50.2 75.4





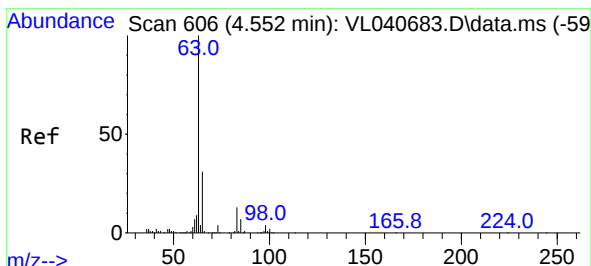
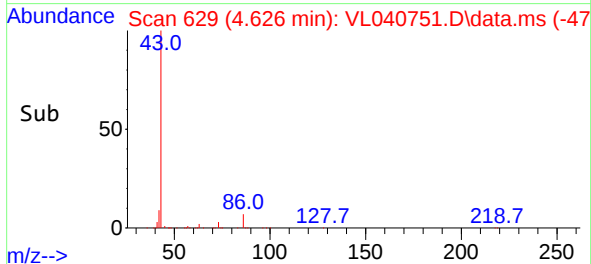
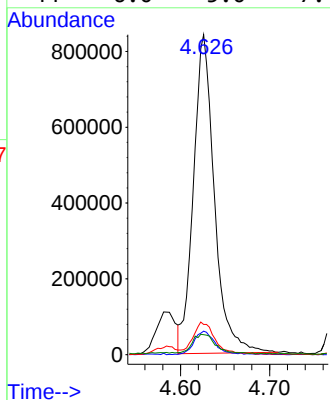
#23
 Vinyl Acetate
 Concen: 12.110 ppbv
 RT: 4.626 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VL040751.D
 Acq: 4 Oct 2023 22:12

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 43 Resp: 1376564

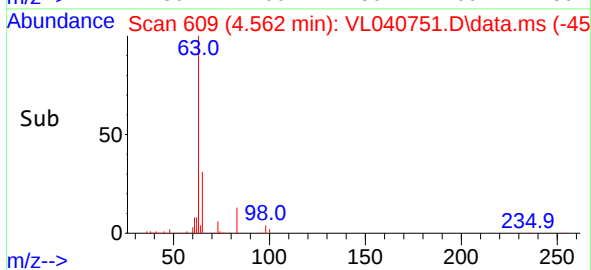
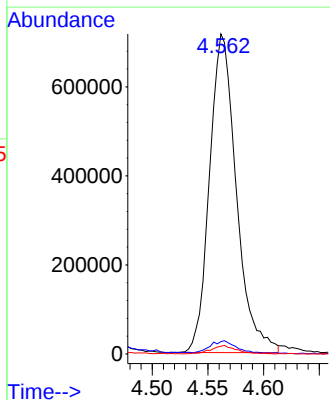
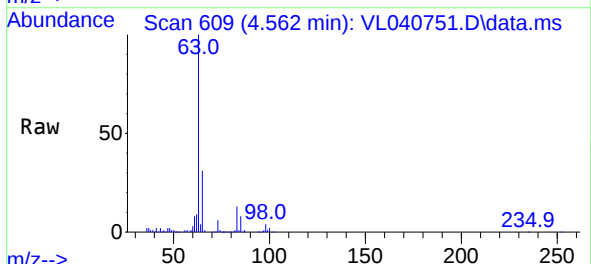
Ion	Ratio	Lower	Upper
43	100		
86	7.4	5.6	8.4
42	9.3	7.6	11.4
44	6.0	5.0	7.4

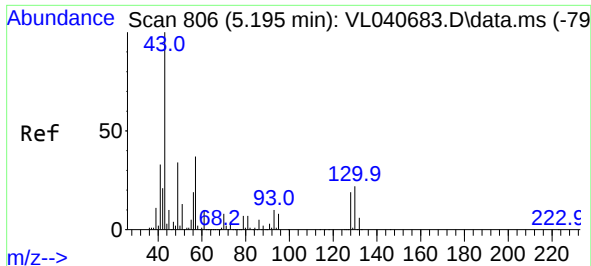


#24
 1,1-Dichloroethane
 Concen: 11.277 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. -0.006 min
 Lab File: VL040751.D
 Acq: 4 Oct 2023 22:12

Tgt Ion: 63 Resp: 1199600

Ion	Ratio	Lower	Upper
63	100		
98	3.6	1.8	5.5
100	2.3	1.2	3.6





#25

Ethyl Acetate

Concen: 10.631 ppbv

RT: 5.201 min Scan# 80

Delta R.T. -0.010 min

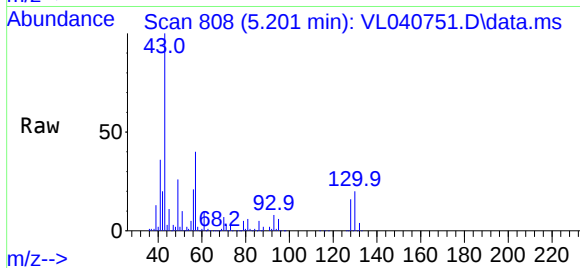
Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 43 Resp: 1884526

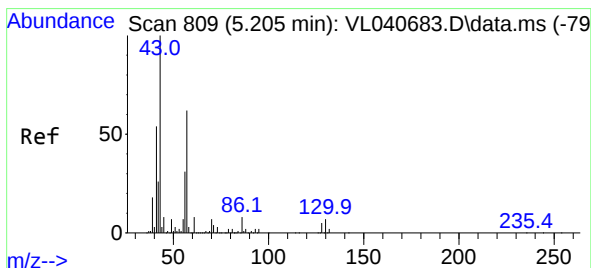
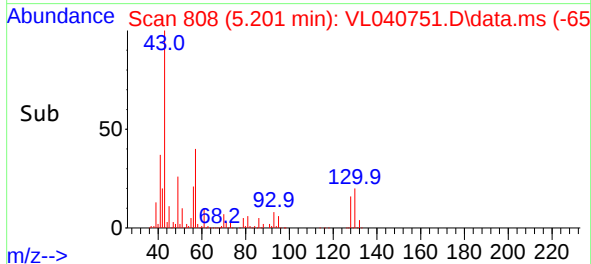
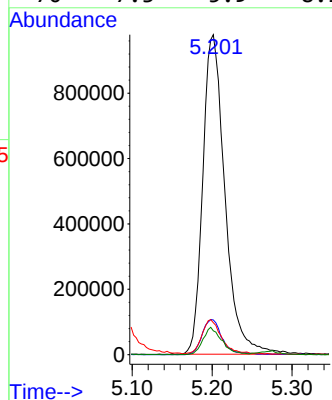
Ion Ratio Lower Upper

43 100

45 10.3 8.2 12.4

61 10.2 8.2 12.4

70 7.3 5.9 8.9



#26

Hexane

Concen: 9.836 ppbv

RT: 5.211 min Scan# 811

Delta R.T. -0.010 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

Tgt Ion: 57 Resp: 824499

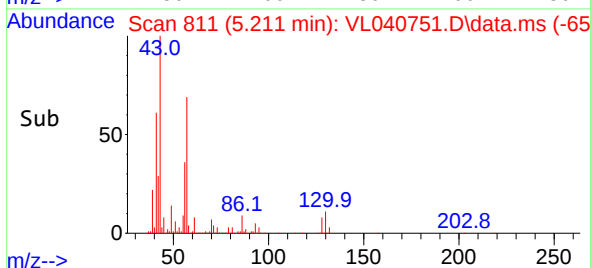
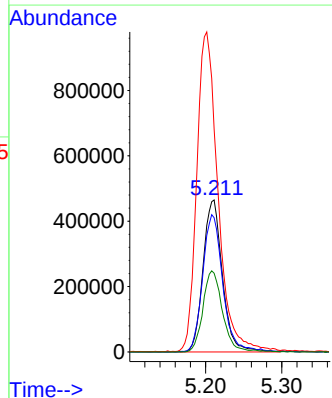
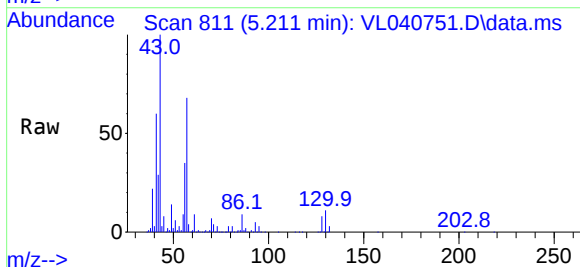
Ion Ratio Lower Upper

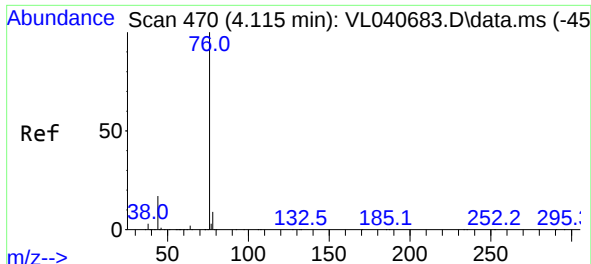
57 100

41 94.7 75.2 112.8

43 230.8 185.6 278.4

56 54.1 43.8 65.8

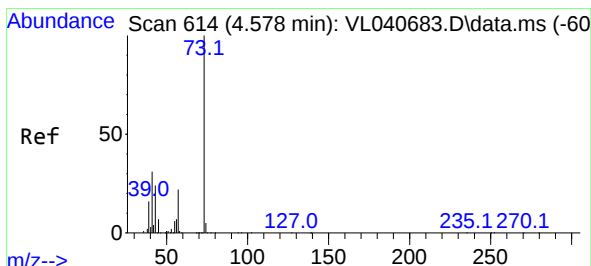
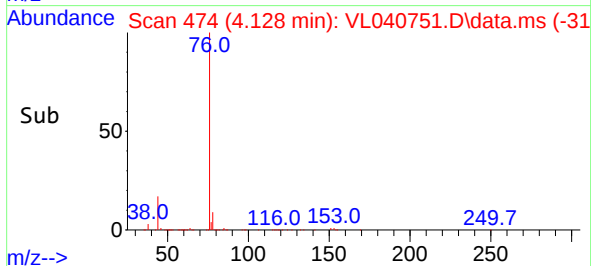
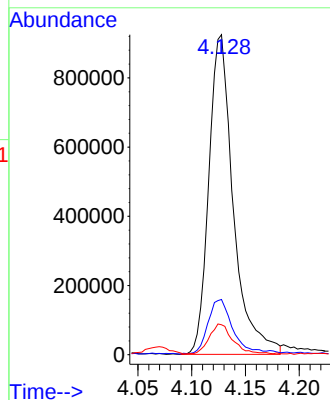
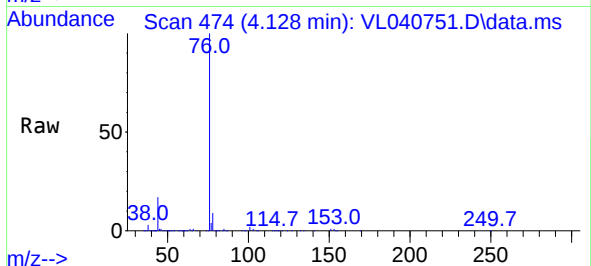




#27
Carbon Disulfide
Concen: 12.518 ppbv
RT: 4.128 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

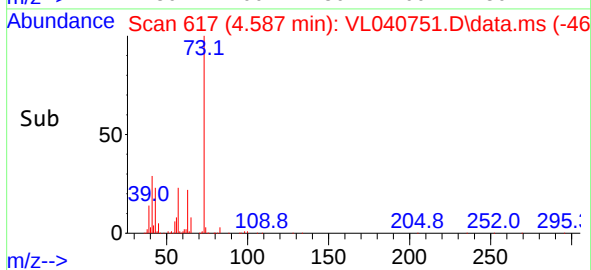
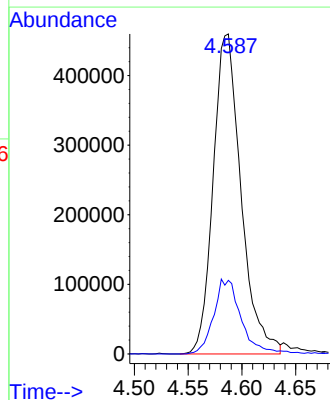
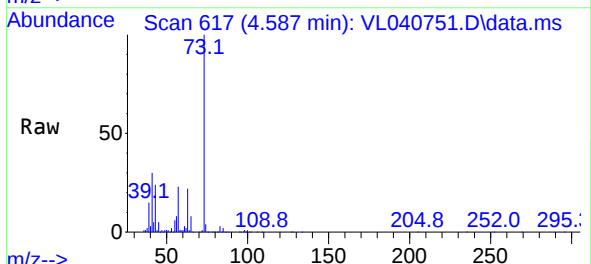
Instrument :
MSVOA_L
ClientSampleId :

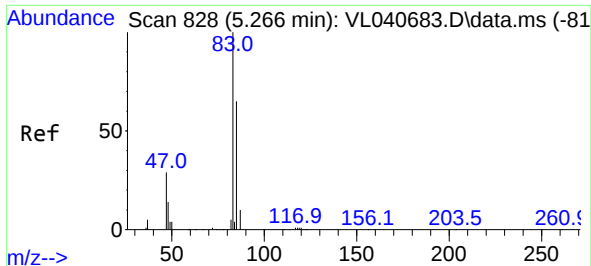
Tgt Ion: 76 Resp: 1463263
Ion Ratio Lower Upper
76 100
44 17.2 14.5 21.7
78 9.7 7.7 11.5



#28
Methyl tert-Butyl Ether
Concen: 11.480 ppbv
RT: 4.587 min Scan# 617
Delta R.T. -0.003 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

Tgt Ion: 73 Resp: 827935
Ion Ratio Lower Upper
73 100
57 23.3 18.8 28.2





#29

Chloroform

Concen: 10.706 ppbv

RT: 5.272 min Scan# 81

Delta R.T. -0.010 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

Instrument :

MSVOA_L

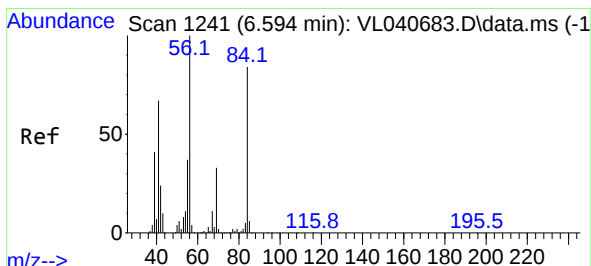
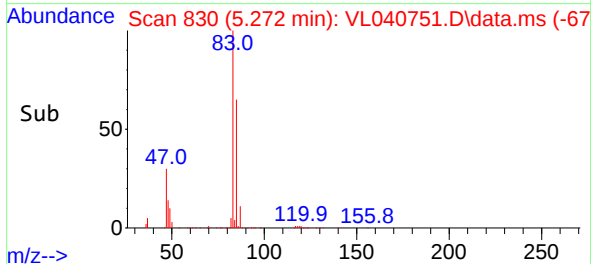
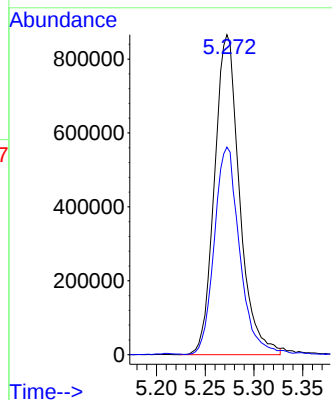
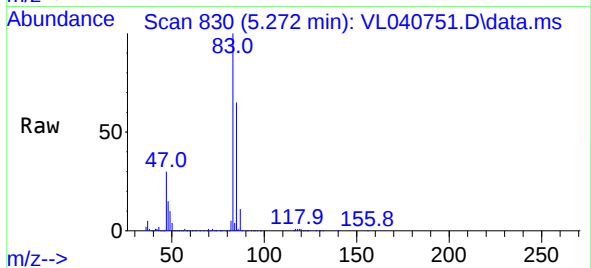
ClientSampleId :

Tgt Ion: 83 Resp: 1549396

Ion Ratio Lower Upper

83 100

85 64.6 51.8 77.8



#30

Cyclohexane

Concen: 11.185 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. -0.016 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

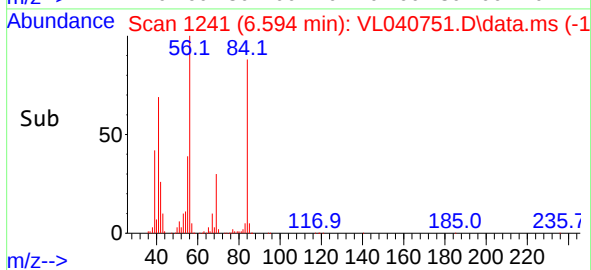
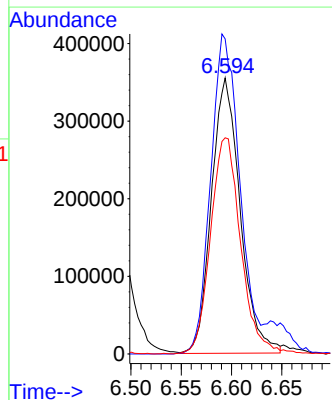
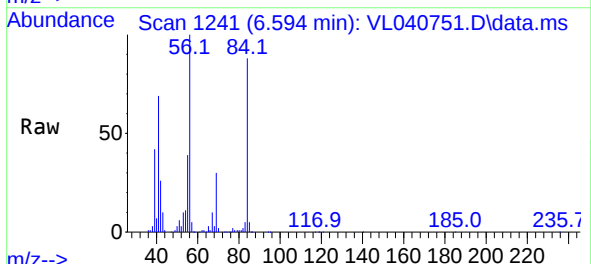
Tgt Ion: 84 Resp: 706053

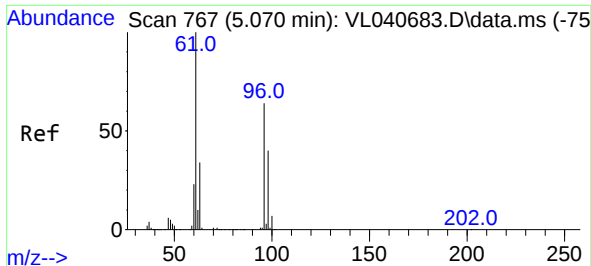
Ion Ratio Lower Upper

84 100

56 127.7 103.2 154.8

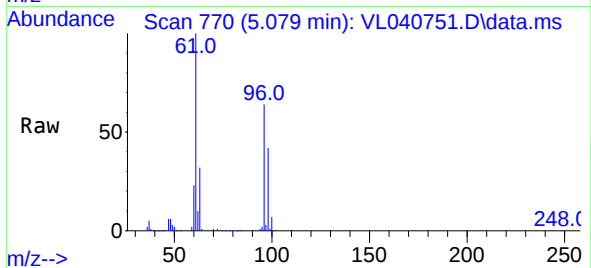
41 82.8 65.5 98.3





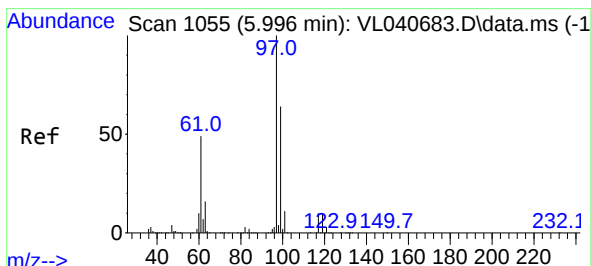
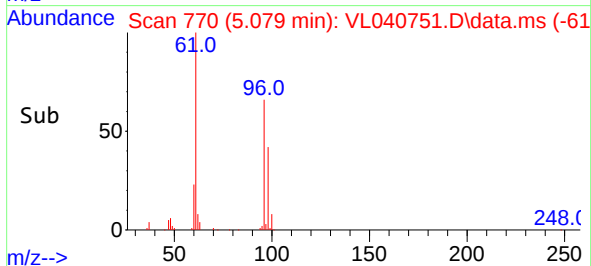
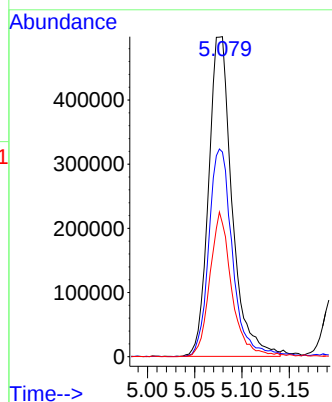
#31
 cis-1,2-Dichloroethene
 Concen: 11.088 ppbv
 RT: 5.079 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VL040751.D
 Acq: 4 Oct 2023 22:12

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 61 Resp: 862306

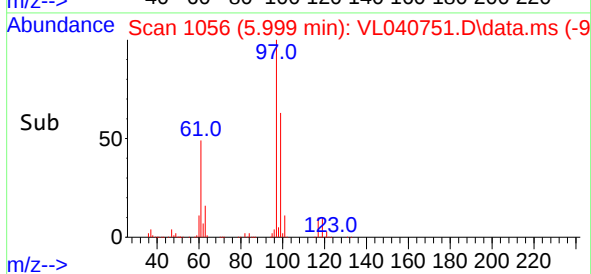
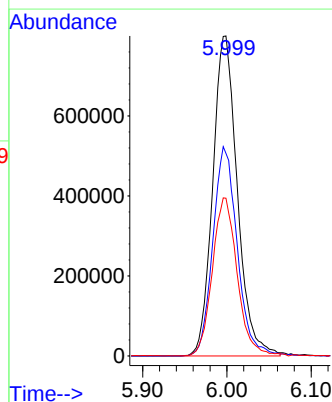
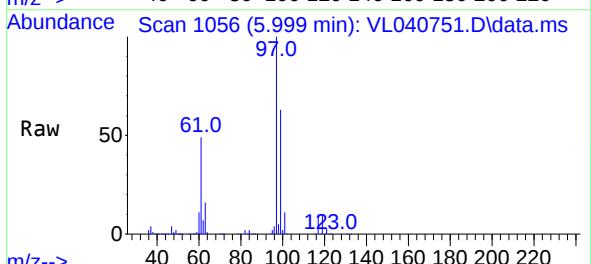
Ion	Ratio	Lower	Upper
61	100		
96	63.9	51.2	76.8
98	41.6	32.3	48.5

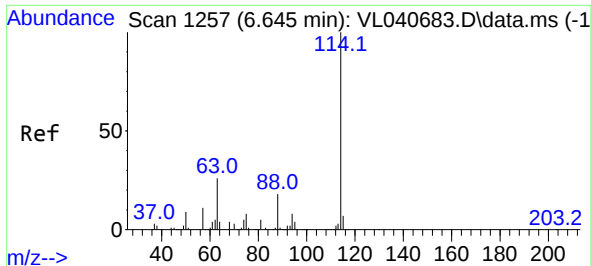


#32
 1,1,1-Trichloroethane
 Concen: 10.968 ppbv
 RT: 5.999 min Scan# 1056
 Delta R.T. -0.013 min
 Lab File: VL040751.D
 Acq: 4 Oct 2023 22:12

Tgt Ion: 97 Resp: 1622874

Ion	Ratio	Lower	Upper
97	100		
99	65.2	52.4	78.6
61	50.2	40.2	60.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 11

Delta R.T. -0.016 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

Instrument :

MSVOA_L

ClientSampleId :

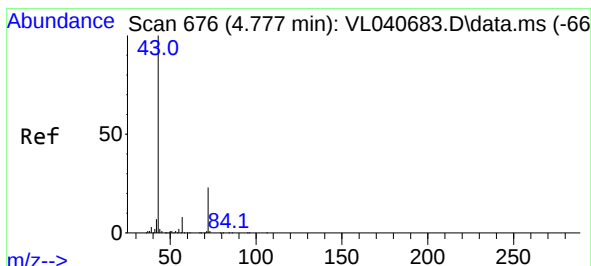
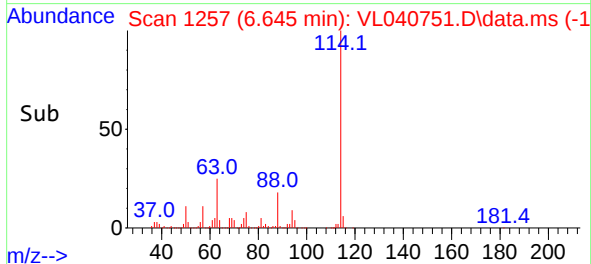
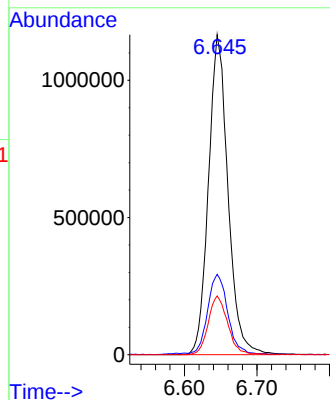
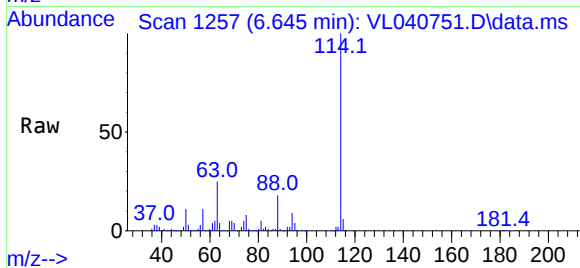
Tgt Ion:114 Resp: 2176301

Ion Ratio Lower Upper

114 100

63 26.9 21.1 31.7

88 18.4 14.5 21.7



#34

2-Butanone

Concen: 10.404 ppbv

RT: 4.783 min Scan# 678

Delta R.T. -0.006 min

Lab File: VL040751.D

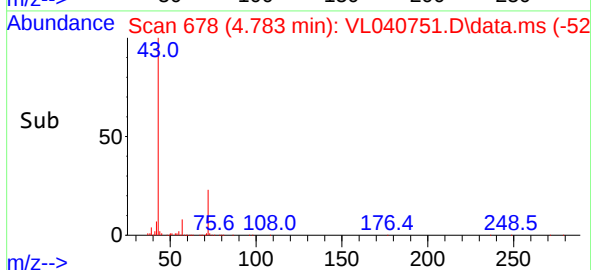
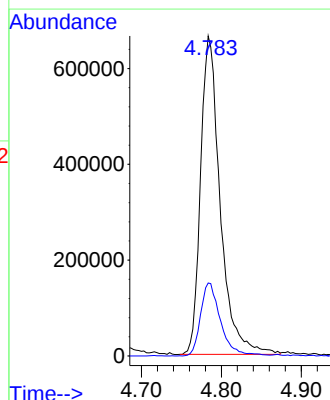
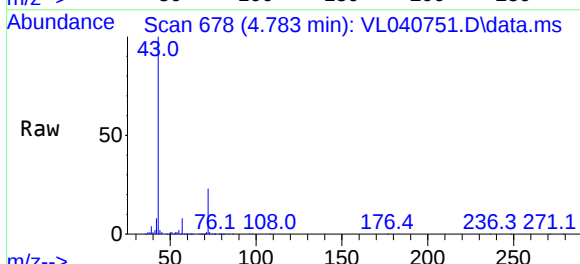
Acq: 4 Oct 2023 22:12

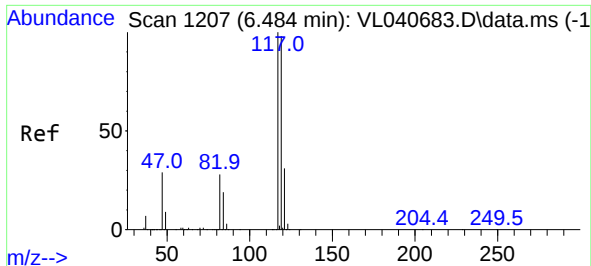
Tgt Ion: 43 Resp: 1138721

Ion Ratio Lower Upper

43 100

72 23.6 18.6 27.8

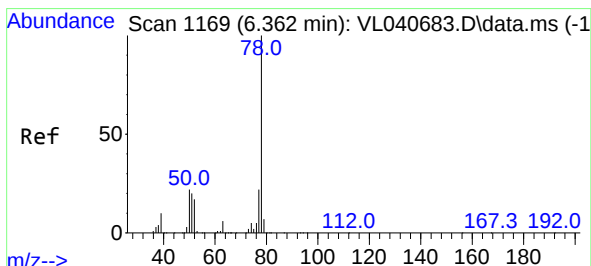
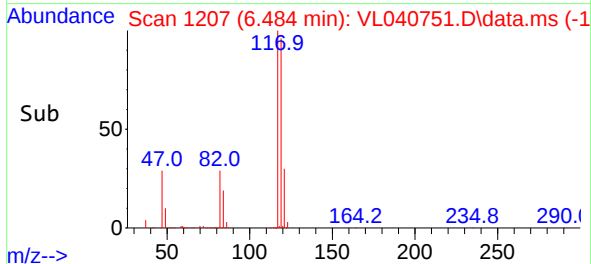
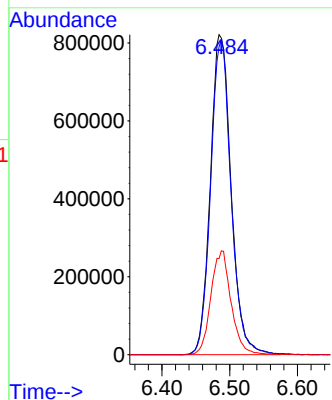
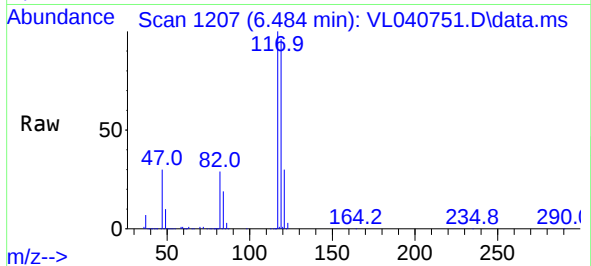




#35
Carbon Tetrachloride
Concen: 11.706 ppbv
RT: 6.484 min Scan# 1170
Delta R.T. -0.019 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

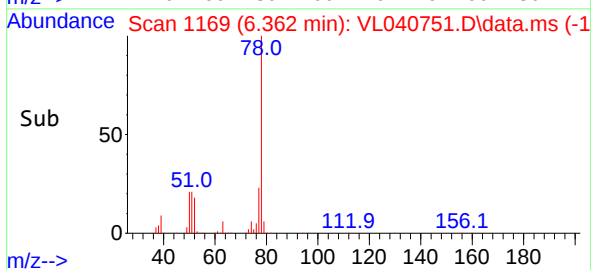
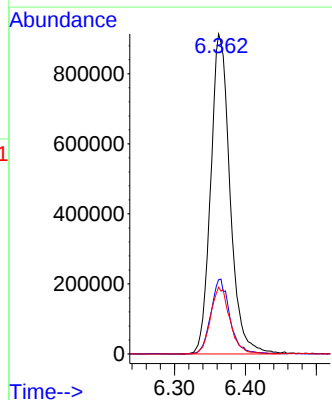
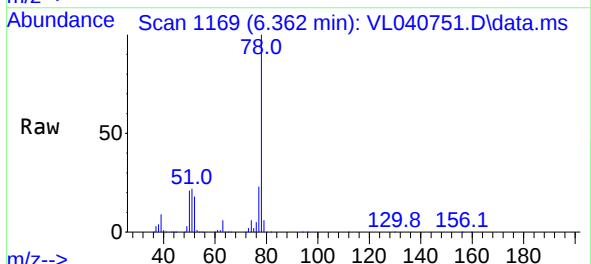
Instrument :
MSVOA_L
ClientSampleId :

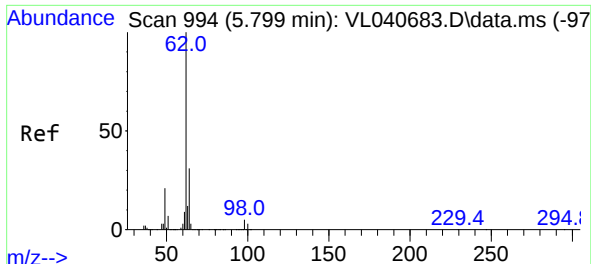
Tgt Ion:117 Resp: 1749311
Ion Ratio Lower Upper
117 100
119 96.2 78.6 117.8
121 30.1 24.7 37.1



#36
Benzene
Concen: 10.738 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. -0.019 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

Tgt Ion: 78 Resp: 1730552
Ion Ratio Lower Upper
78 100
77 23.2 17.9 26.9
50 20.9 17.3 25.9

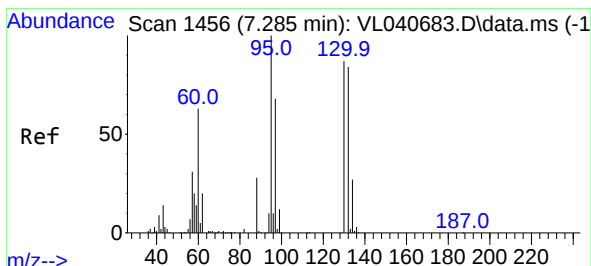
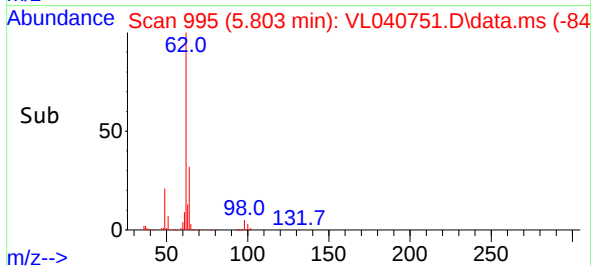
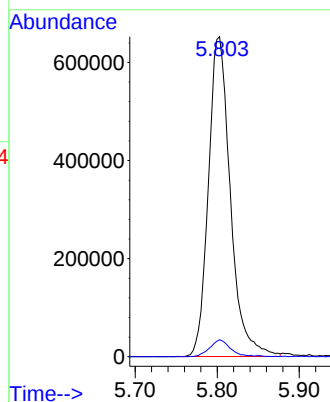
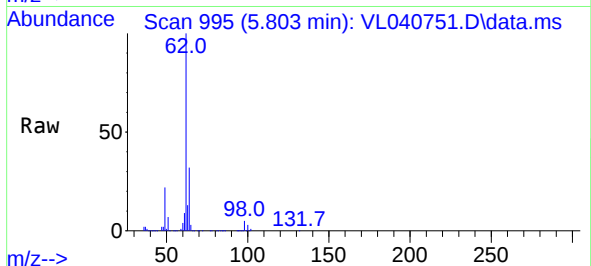




#37
1,2-Dichloroethane
Concen: 11.006 ppbv
RT: 5.803 min Scan# 994
Delta R.T. -0.013 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

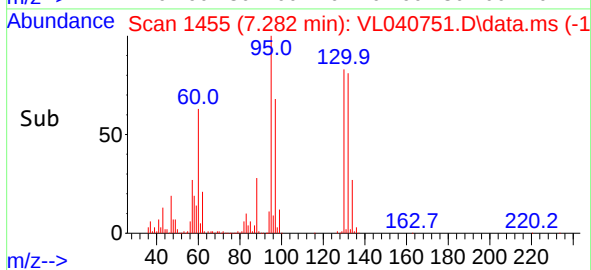
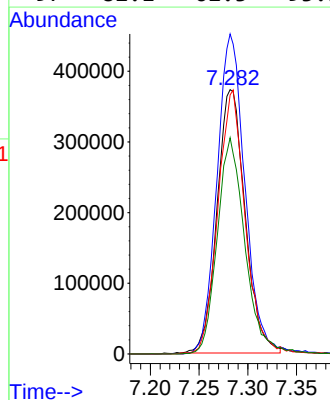
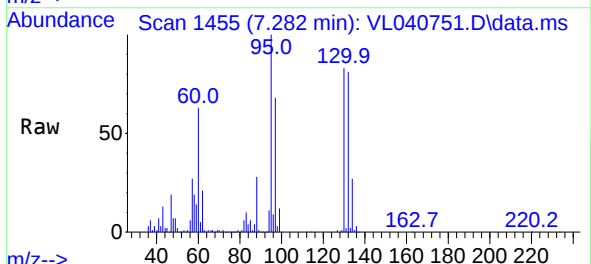
Instrument :
MSVOA_L
ClientSampleId :

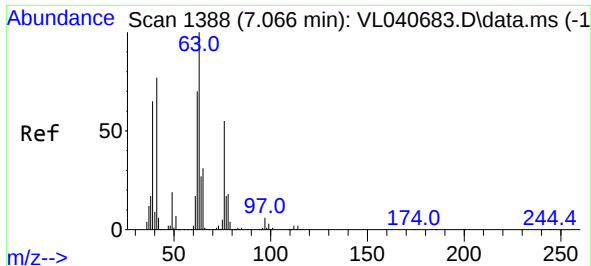
Tgt Ion: 62 Resp: 1213905
Ion Ratio Lower Upper
62 100
98 5.1 4.2 6.4



#38
Trichloroethene
Concen: 12.136 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. -0.019 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

Tgt Ion:130 Resp: 745856
Ion Ratio Lower Upper
130 100
95 121.4 91.9 137.9
132 98.2 77.3 115.9
97 82.1 62.3 93.5





#39

1,2-Dichloropropane

Concen: 10.546 ppbv

RT: 7.066 min Scan# 11

Delta R.T. -0.016 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

Instrument :

MSVOA_L

ClientSampleId :

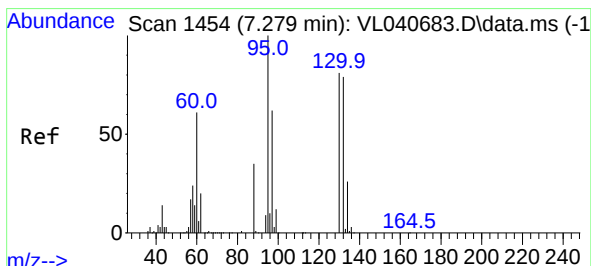
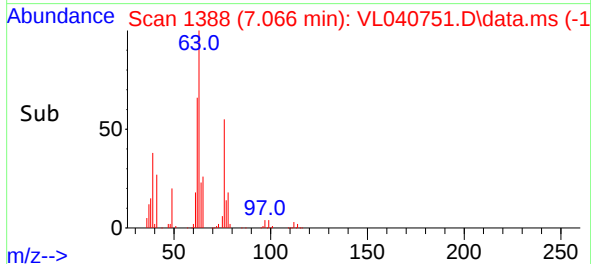
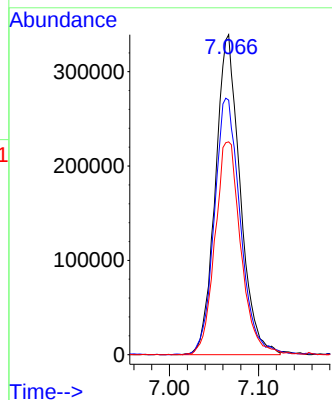
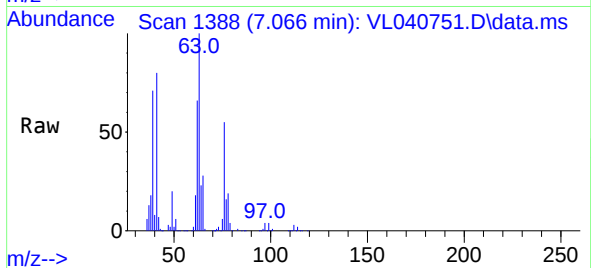
Tgt Ion: 63 Resp: 654201

Ion Ratio Lower Upper

63 100

41 79.4 61.6 92.4

62 66.4 55.8 83.8



#40

1,4-Dioxane

Concen: 11.865 ppbv

RT: 7.275 min Scan# 1453

Delta R.T. -0.019 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

Tgt Ion: 88 Resp: 278255

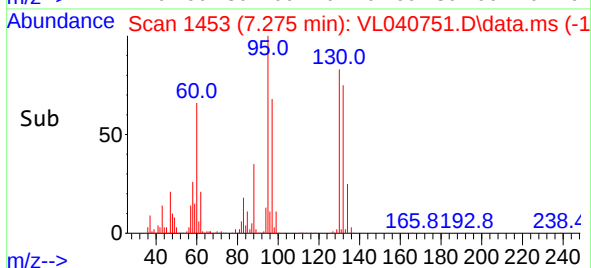
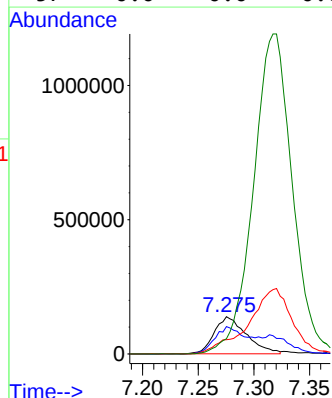
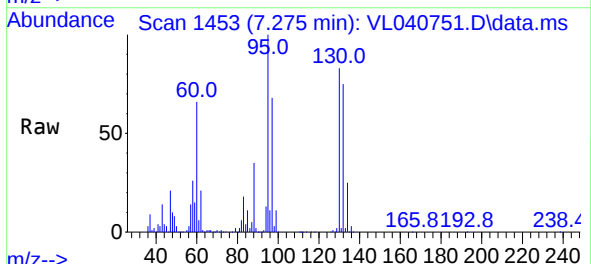
Ion Ratio Lower Upper

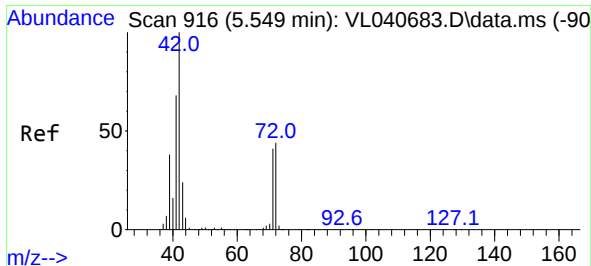
88 100

58 119.9 92.7 139.1

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 10.897 ppbv

RT: 5.552 min Scan# 916

Delta R.T. -0.010 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

Instrument :

MSVOA_L

ClientSampleId :

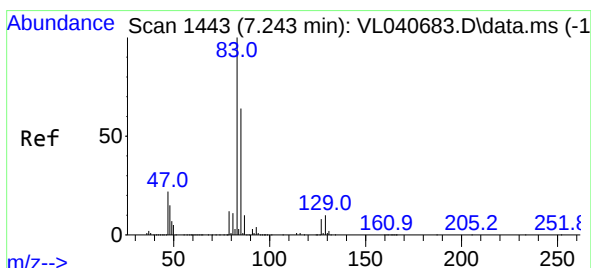
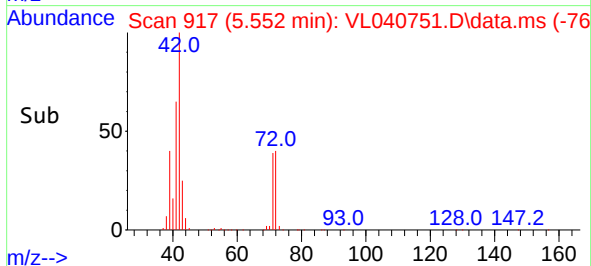
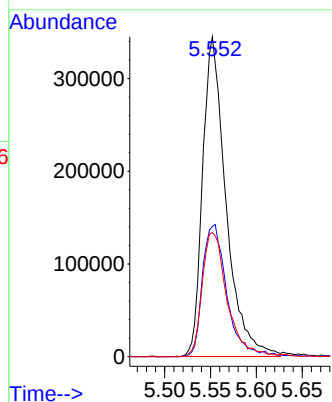
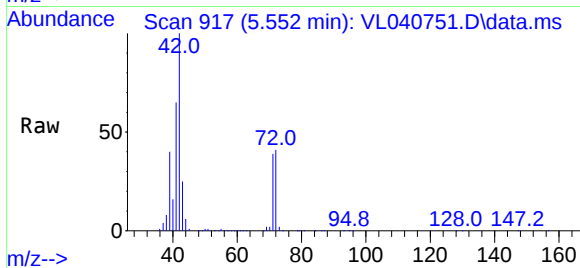
Tgt Ion: 42 Resp: 611560

Ion Ratio Lower Upper

42 100

72 43.5 34.9 52.3

71 41.9 33.8 50.8



#42

Bromodichloromethane

Concen: 11.450 ppbv

RT: 7.240 min Scan# 1442

Delta R.T. -0.019 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

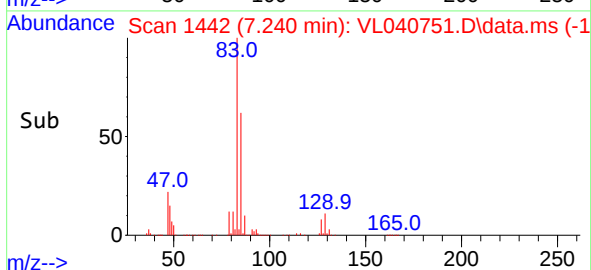
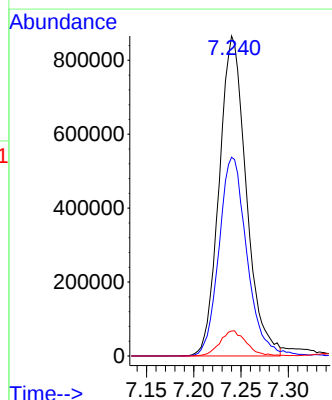
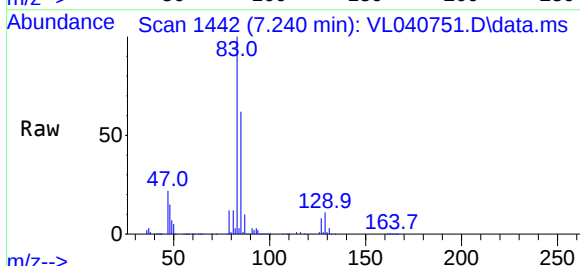
Tgt Ion: 83 Resp: 1723149

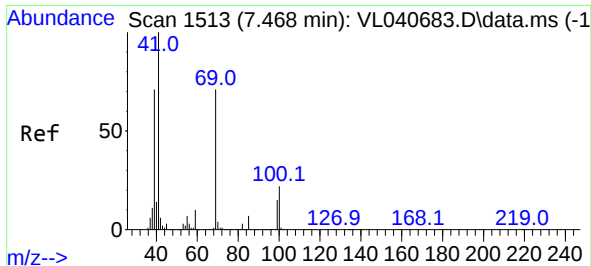
Ion Ratio Lower Upper

83 100

85 62.1 51.2 76.8

127 7.8 6.2 9.4

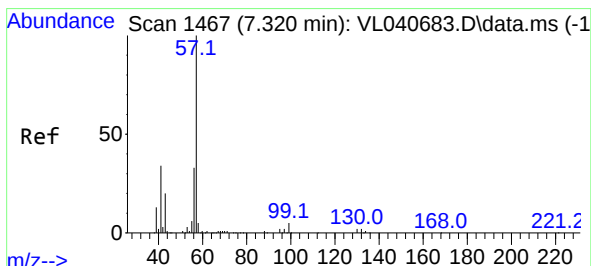
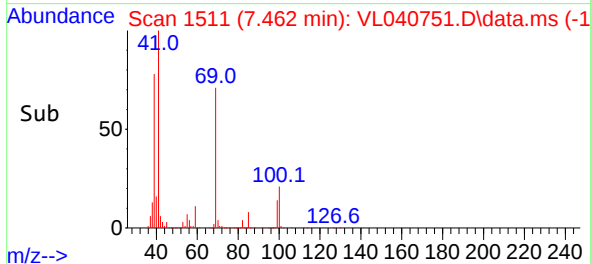
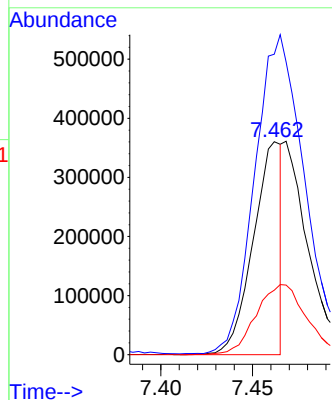
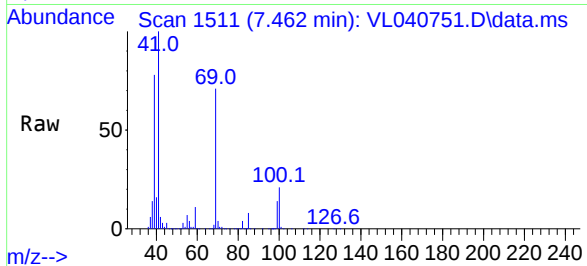




#43
Methyl Methacrylate
Concen: 6.441 ppbv
RT: 7.462 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

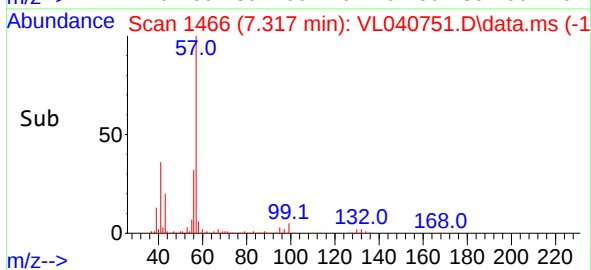
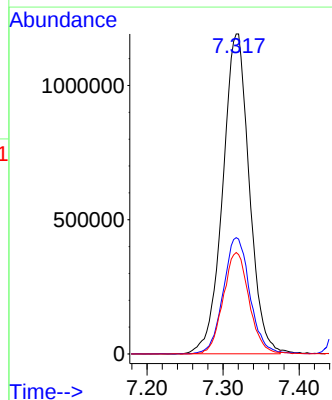
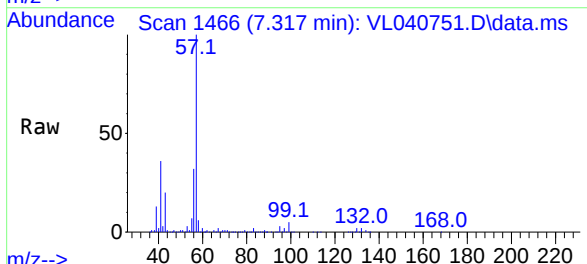
Instrument :
MSVOA_L
ClientSampleId :

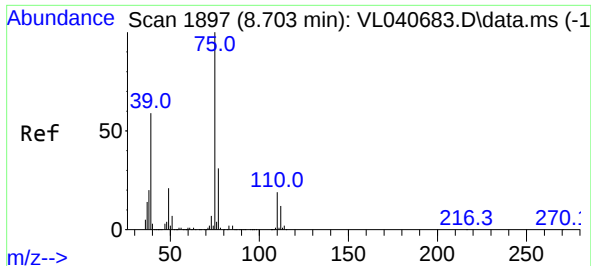
Tgt Ion: 69 Resp: 385847
Ion Ratio Lower Upper
69 100
41 0.0 113.8 170.8#
100 0.0 25.4 38.0#



#44
2,2,4-Trimethylpentane
Concen: 11.256 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. -0.019 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

Tgt Ion: 57 Resp: 2888273
Ion Ratio Lower Upper
57 100
41 36.7 28.5 42.7
56 31.2 25.4 38.2





#45

t-1,3-Dichloropropene

Concen: 13.319 ppbv

RT: 8.700 min Scan# 11

Delta R.T. -0.022 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

Instrument :

MSVOA_L

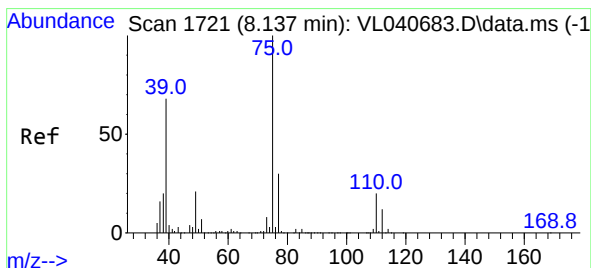
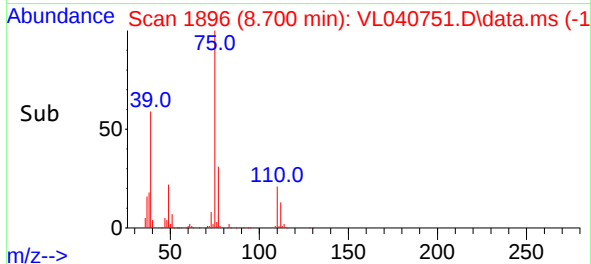
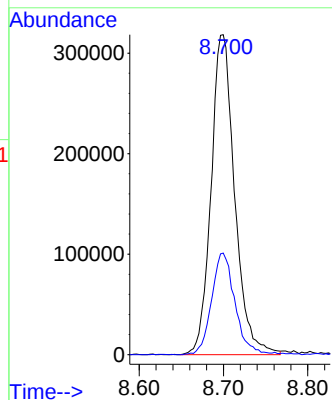
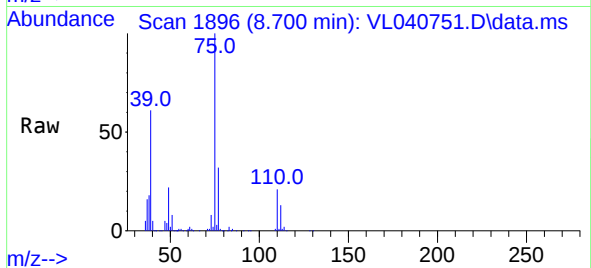
ClientSampleId :

Tgt Ion: 75 Resp: 618651

Ion Ratio Lower Upper

75 100

77 31.7 24.5 36.7



#46

cis-1,3-Dichloropropene

Concen: 12.456 ppbv

RT: 8.134 min Scan# 1720

Delta R.T. -0.016 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

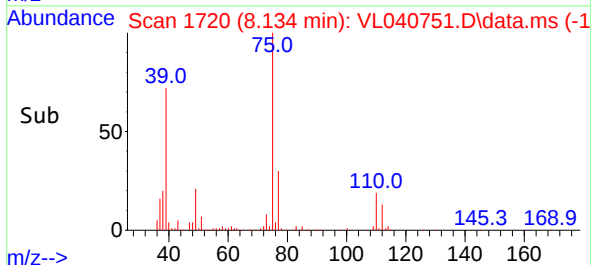
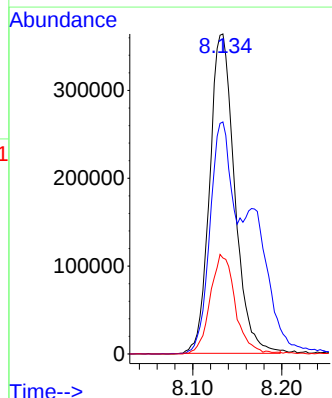
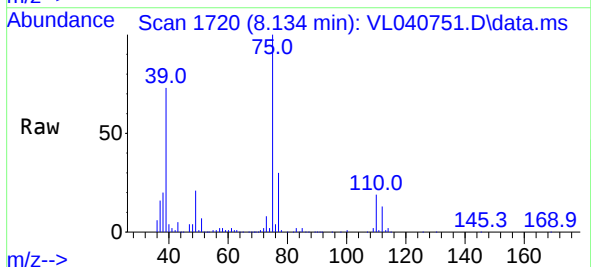
Tgt Ion: 75 Resp: 707902

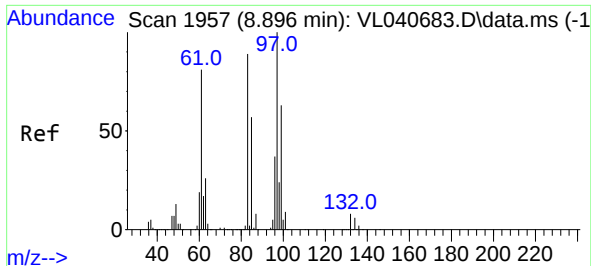
Ion Ratio Lower Upper

75 100

39 72.5 54.0 81.0

77 30.1 23.6 35.4





#47

1,1,2-Trichloroethane

Concen: 11.052 ppbv

RT: 8.886 min Scan# 1957

Delta R.T. -0.022 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

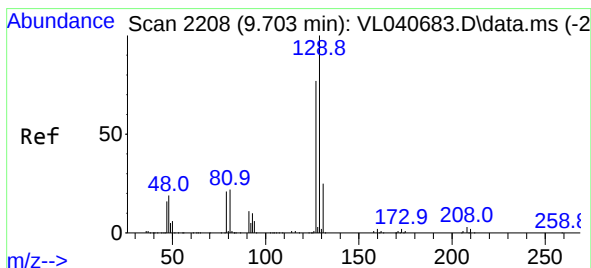
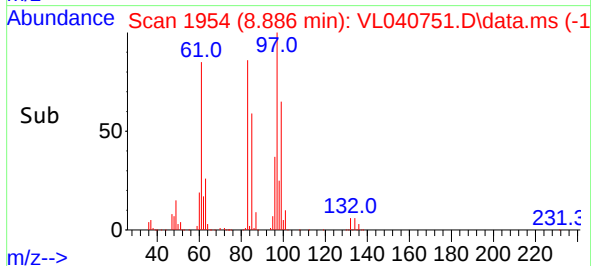
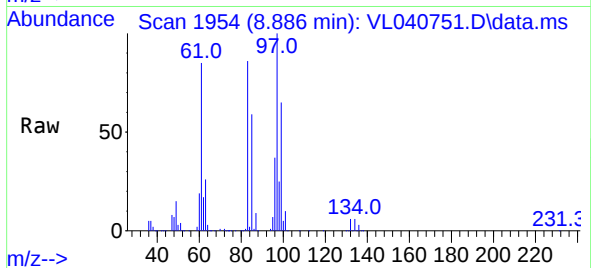
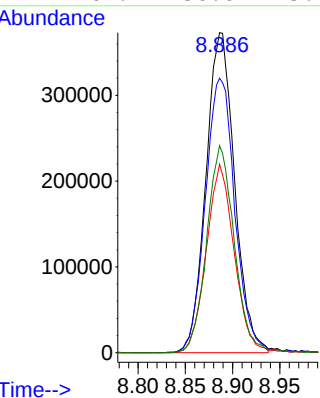
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 786764

Ion	Ratio	Lower	Upper
97	100		
83	85.7	70.8	106.2
85	58.7	45.7	68.5
99	64.7	50.6	75.8



#48

Dibromochloromethane

Concen: 12.510 ppbv

RT: 9.696 min Scan# 2206

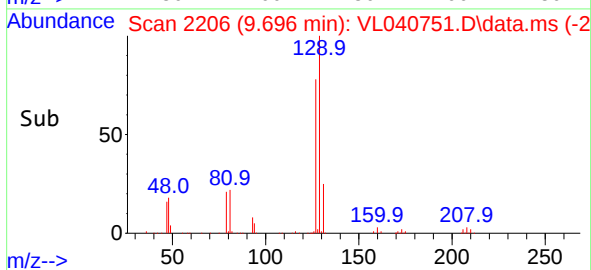
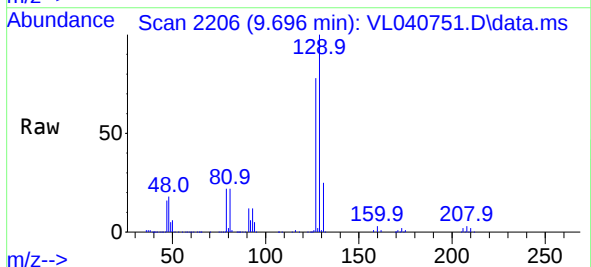
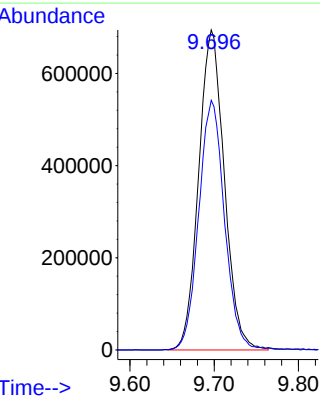
Delta R.T. -0.026 min

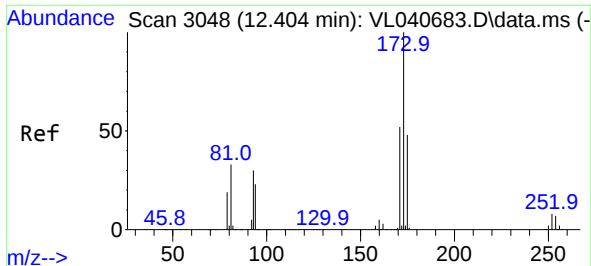
Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

Tgt Ion: 129 Resp: 1469151

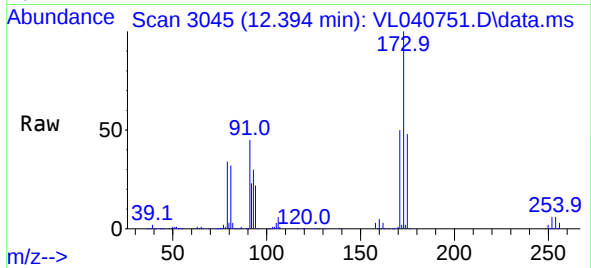
Ion	Ratio	Lower	Upper
129	100		
127	78.4	39.4	118.2





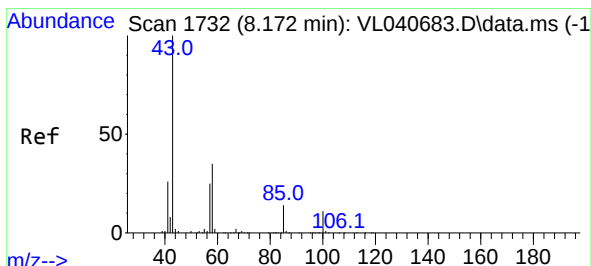
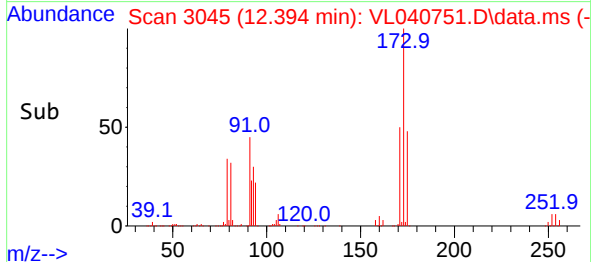
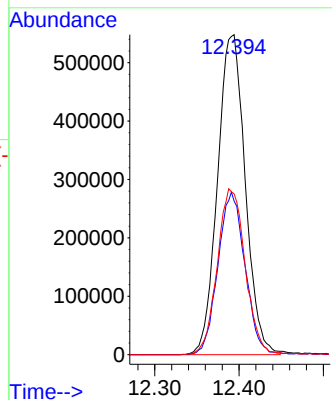
#49
Bromoform
Concen: 12.967 ppbv
RT: 12.394 min Scan# 3045
Delta R.T. -0.026 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:173 Resp: 1250596

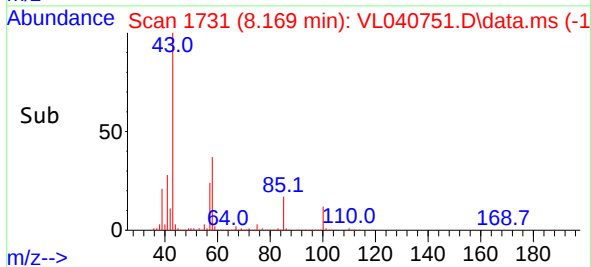
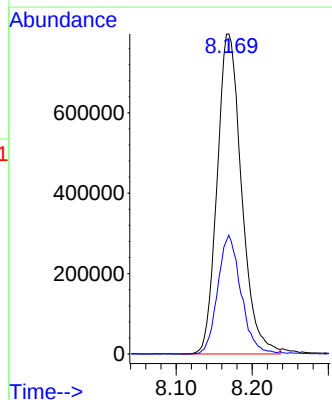
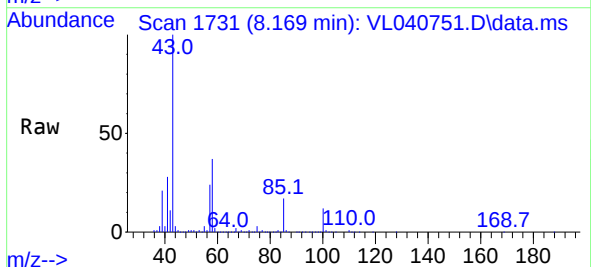
Ion	Ratio	Lower	Upper
173	100		
175	49.8	38.8	58.2
171	52.5	42.2	63.2

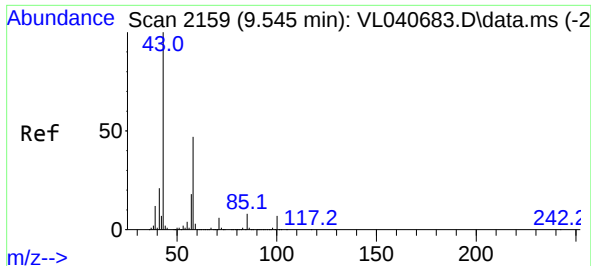


#50
4-Methyl-2-Pentanone
Concen: 12.010 ppbv
RT: 8.169 min Scan# 1731
Delta R.T. -0.022 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

Tgt Ion: 43 Resp: 1776258

Ion	Ratio	Lower	Upper
43	100		
58	35.7	28.2	42.4



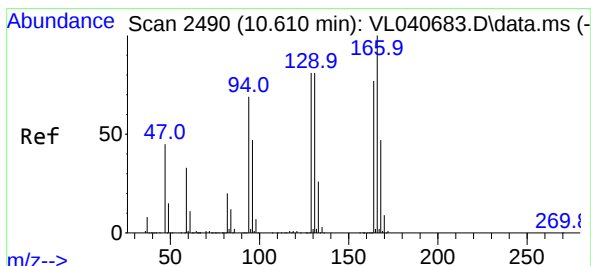
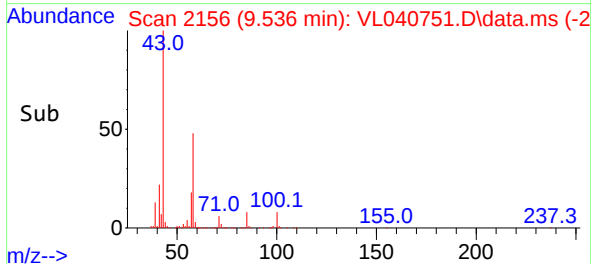
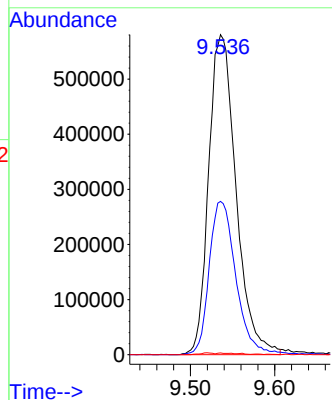
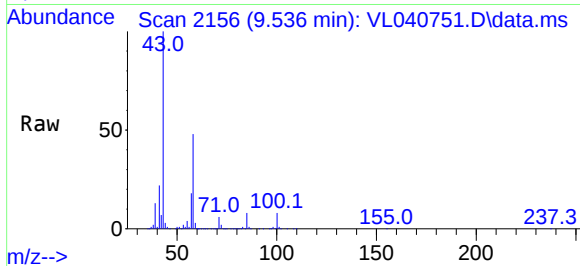


#51
2-Hexanone
Concen: 12.826 ppbv
RT: 9.536 min Scan# 2159
Delta R.T. -0.019 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 1309302

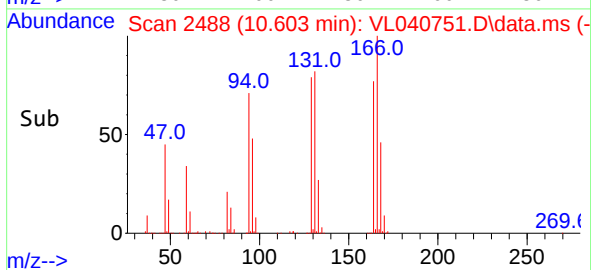
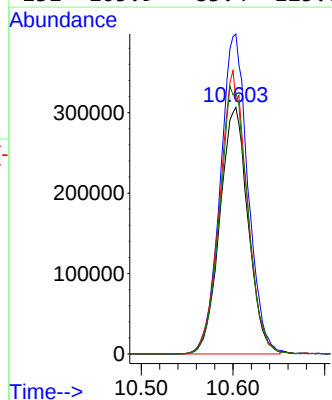
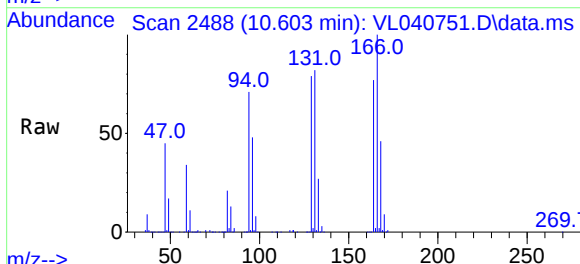
Ion	Ratio	Lower	Upper
43	100		
58	47.1	37.6	56.4
98	0.8	0.6	1.0

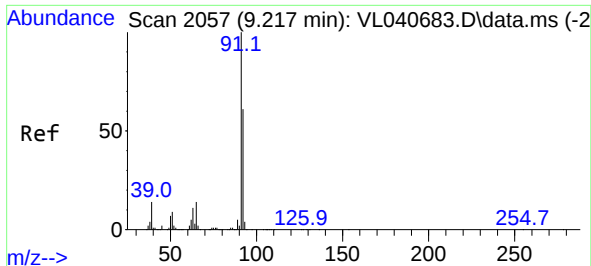


#52
Tetrachloroethene
Concen: 12.467 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. -0.022 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

Tgt Ion:164 Resp: 655400

Ion	Ratio	Lower	Upper
164	100		
166	129.6	103.4	155.2
129	102.7	83.5	125.3
131	105.9	83.4	125.0

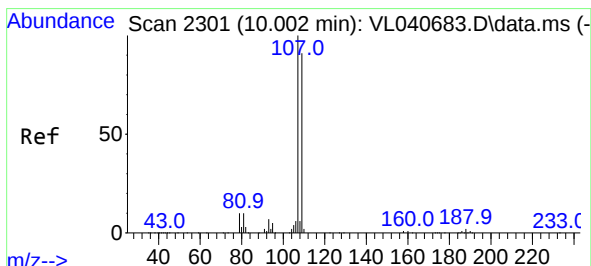
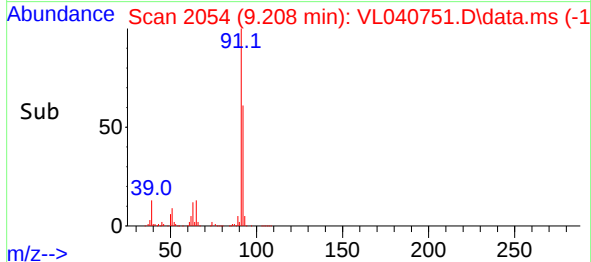
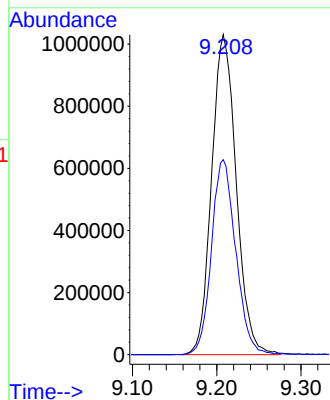
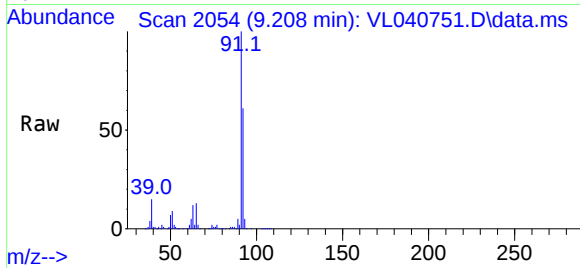




#53
Toluene
Concen: 12.271 ppbv
RT: 9.208 min Scan# 2057
Delta R.T. -0.022 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

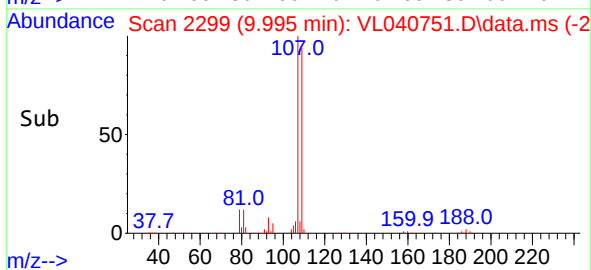
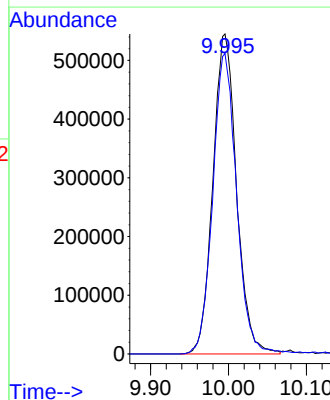
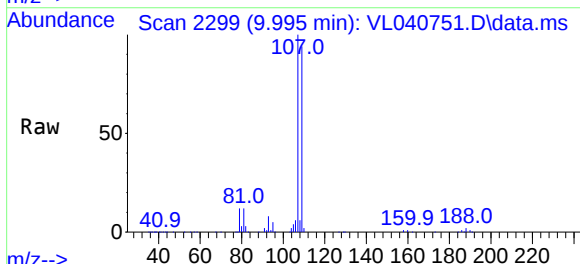
Instrument :
MSVOA_L
ClientSampleId :

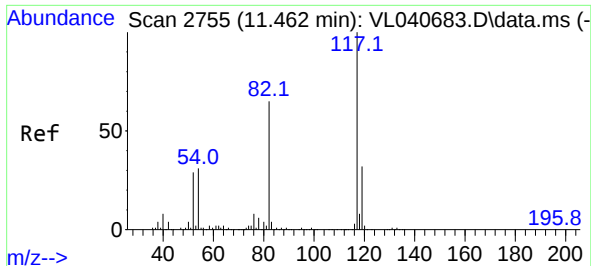
Tgt Ion: 91 Resp: 2087776
Ion Ratio Lower Upper
91 100
92 60.4 48.5 72.7



#54
1,2-Dibromoethane
Concen: 12.657 ppbv
RT: 9.995 min Scan# 2299
Delta R.T. -0.022 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

Tgt Ion: 107 Resp: 1150077
Ion Ratio Lower Upper
107 100
109 93.9 72.4 108.6

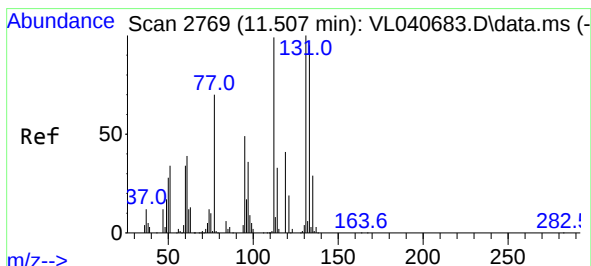
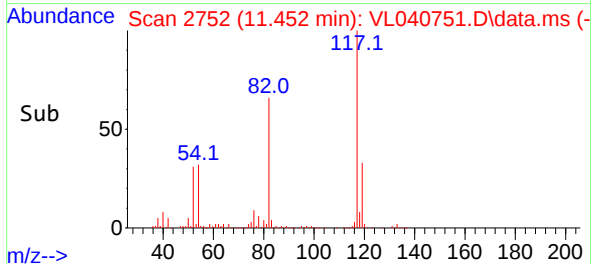
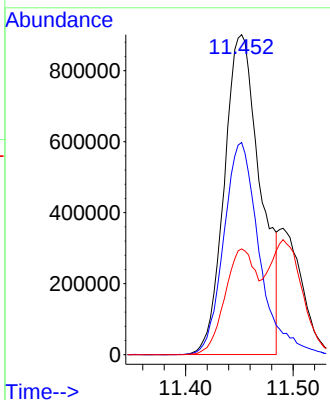
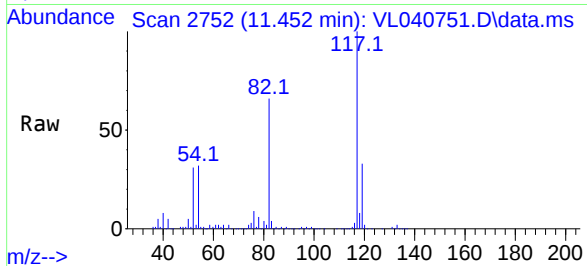




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 21
Delta R.T. -0.026 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

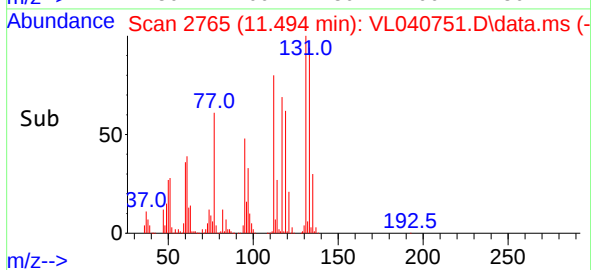
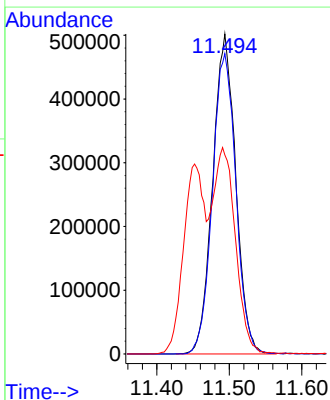
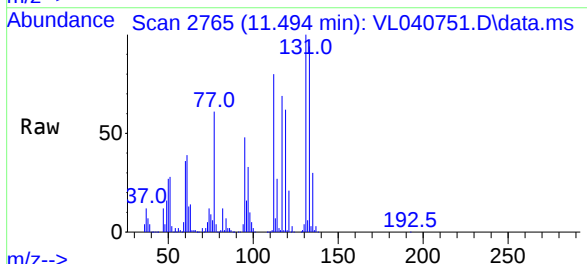
Instrument :
MSVOA_L
ClientSampleId :

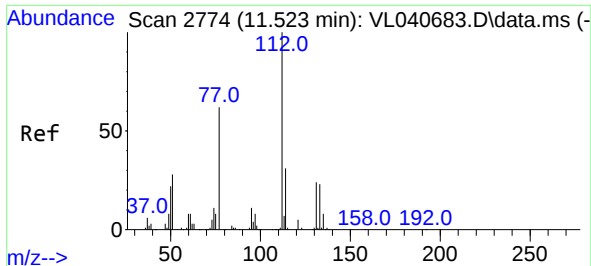
Tgt Ion:117 Resp: 2108217
Ion Ratio Lower Upper
117 100
82 65.8 51.4 77.0
119 30.0 24.7 37.1



#56
1,1,1,2-Tetrachloroethane
Concen: 11.005 ppbv
RT: 11.494 min Scan# 2765
Delta R.T. -0.026 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

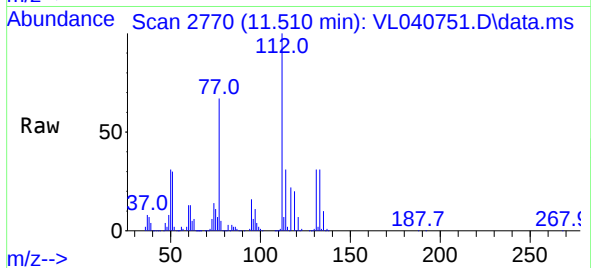
Tgt Ion:131 Resp: 1105896
Ion Ratio Lower Upper
131 100
133 95.8 76.2 114.2
119 66.5 45.5 68.3



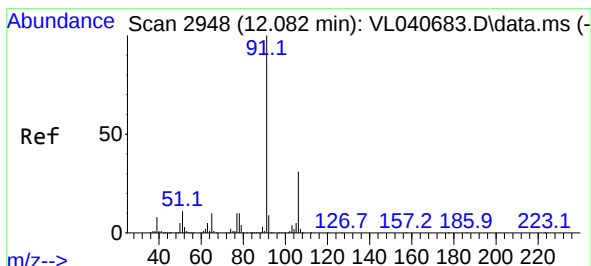
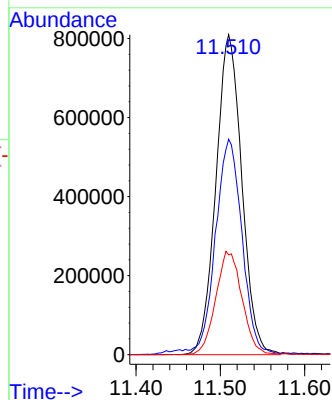
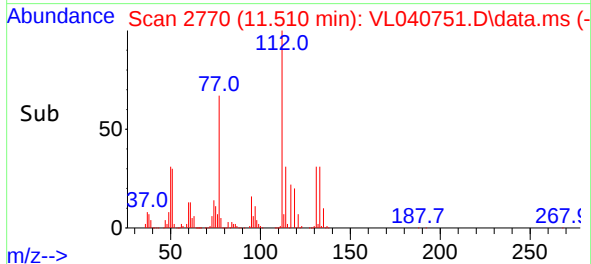


#57
Chlorobenzene
Concen: 10.831 ppbv
RT: 11.510 min Scan# 21
Delta R.T. -0.026 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

Instrument :
MSVOA_L
ClientSampleId :

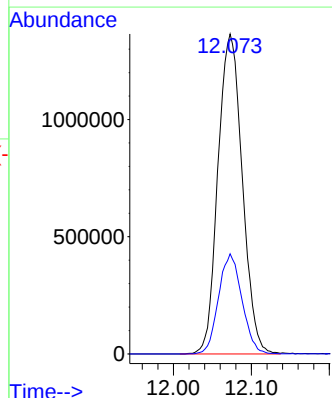
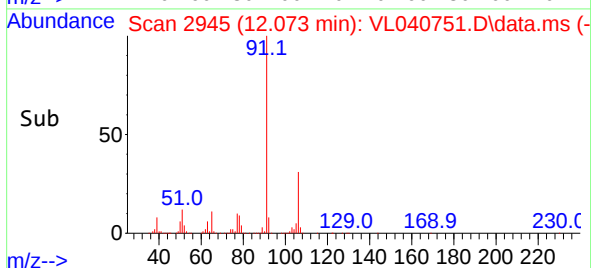
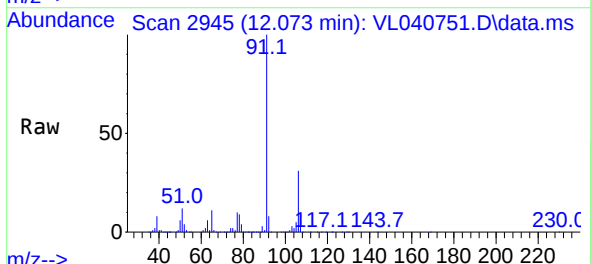


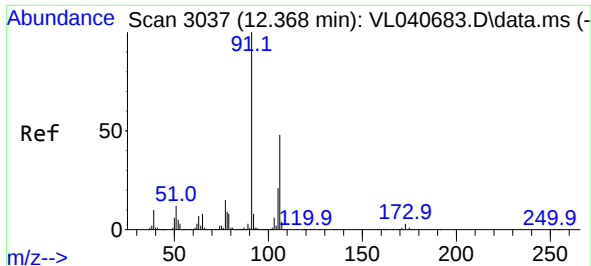
Tgt Ion:112 Resp: 1729106
Ion Ratio Lower Upper
112 100
77 66.9 50.8 76.2
114 31.1 28.2 34.4



#58
Ethyl Benzene
Concen: 12.322 ppbv
RT: 12.073 min Scan# 2945
Delta R.T. -0.029 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

Tgt Ion: 91 Resp: 2961629
Ion Ratio Lower Upper
91 100
106 31.3 24.7 37.1





#59

m/p-Xylene

Concen: 12.638 ppbv

RT: 12.359 min Scan# 3037

Delta R.T. -0.022 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

Instrument :

MSVOA_L

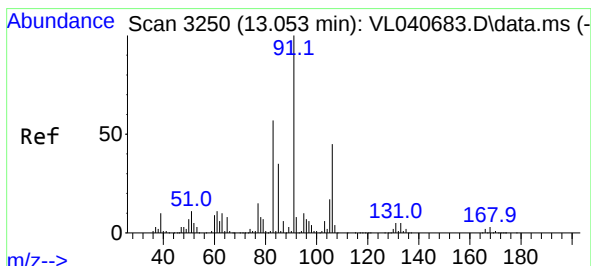
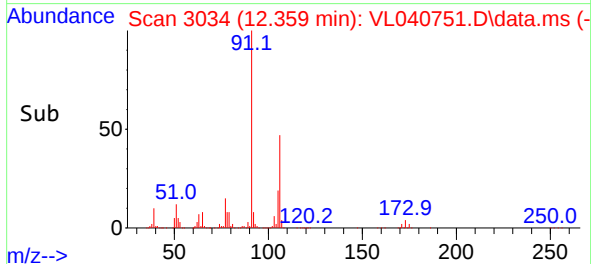
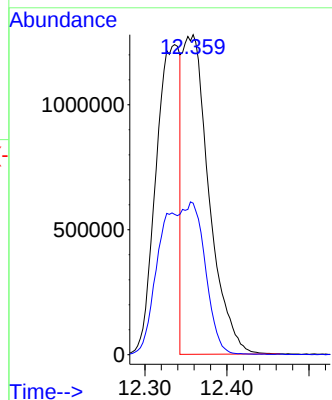
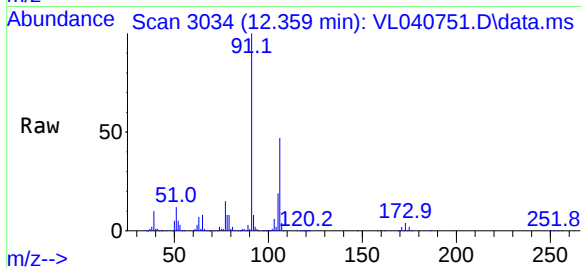
ClientSampleId :

Tgt Ion: 91 Resp: 2852506

Ion Ratio Lower Upper

91 100

106 81.8 34.8 52.2#



#60

o-Xylene

Concen: 12.041 ppbv

RT: 13.040 min Scan# 3246

Delta R.T. -0.029 min

Lab File: VL040751.D

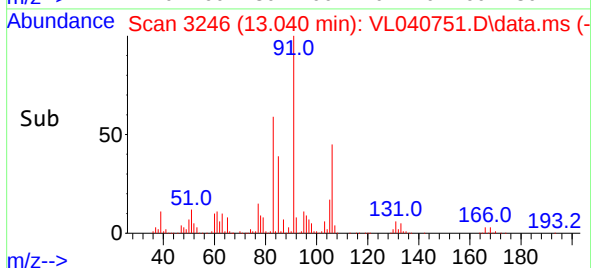
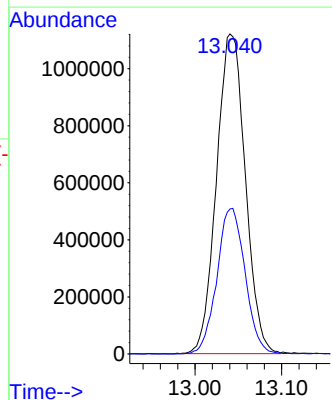
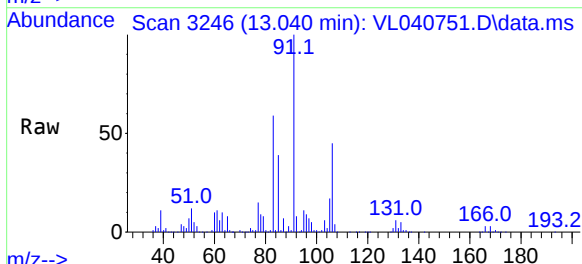
Acq: 4 Oct 2023 22:12

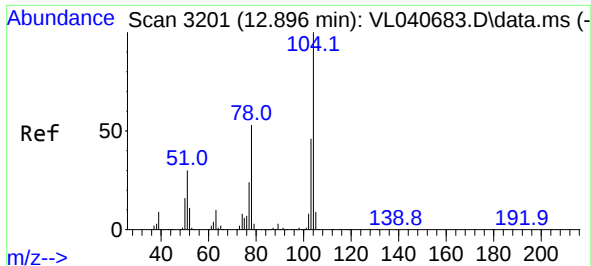
Tgt Ion: 91 Resp: 2591762

Ion Ratio Lower Upper

91 100

106 44.6 22.3 66.9

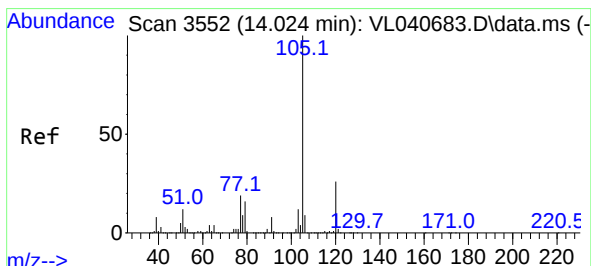
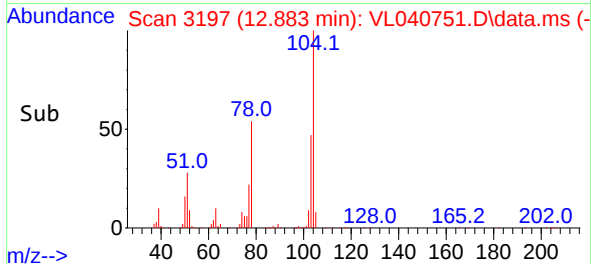
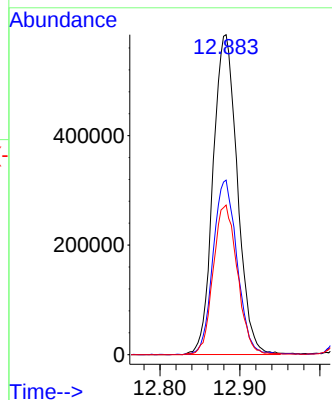
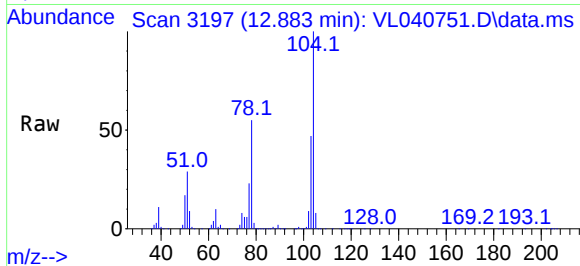




#61
Styrene
Concen: 13.654 ppbv
RT: 12.883 min Scan# 31
Delta R.T. -0.022 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

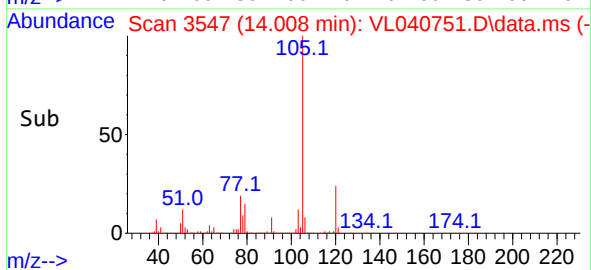
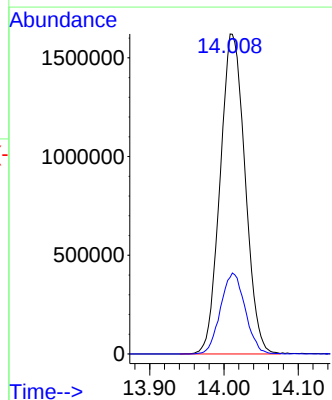
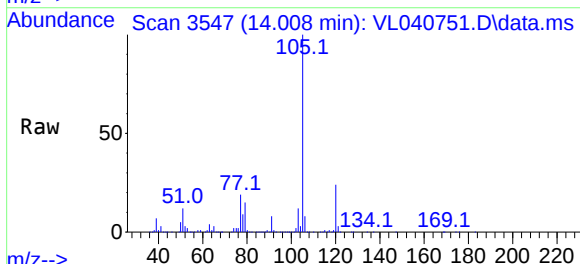
Instrument :
MSVOA_L
ClientSampleId :

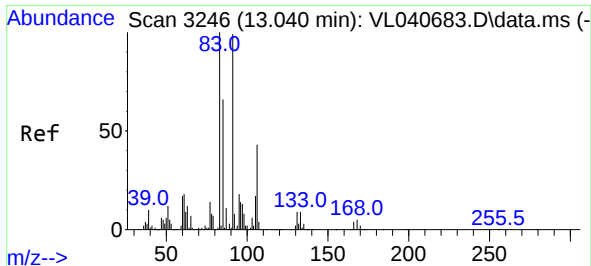
Tgt Ion:104 Resp: 1231716
Ion Ratio Lower Upper
104 100
78 54.2 43.4 65.0
103 46.8 37.2 55.8



#62
Isopropylbenzene
Concen: 11.633 ppbv
RT: 14.008 min Scan# 3547
Delta R.T. -0.029 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

Tgt Ion:105 Resp: 3780465
Ion Ratio Lower Upper
105 100
120 25.1 20.2 30.4

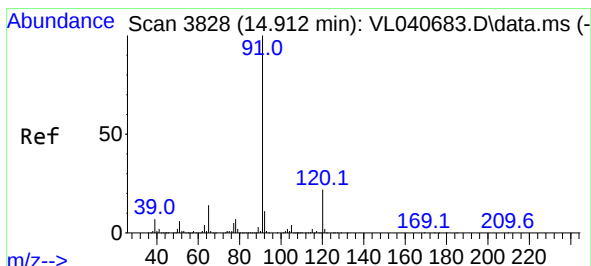
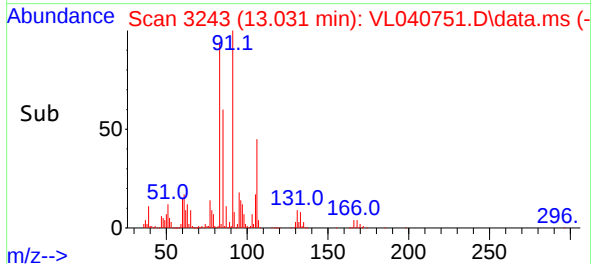
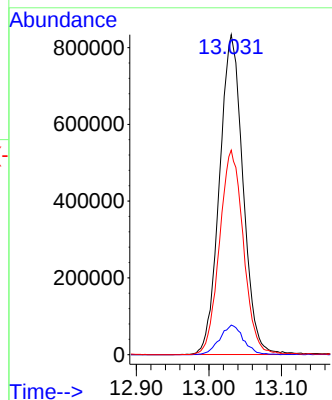
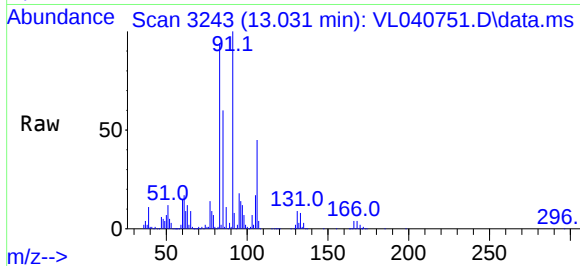




#63
1,1,2,2-Tetrachloroethane
Concen: 11.110 ppbv
RT: 13.031 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

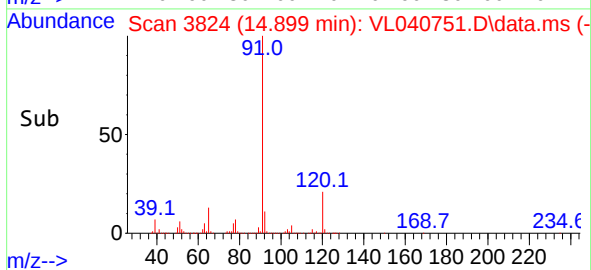
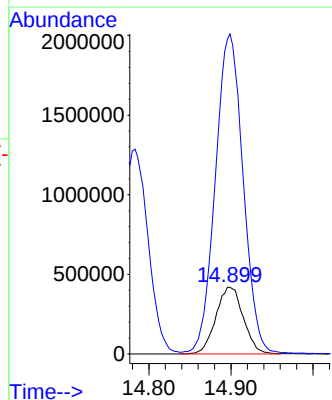
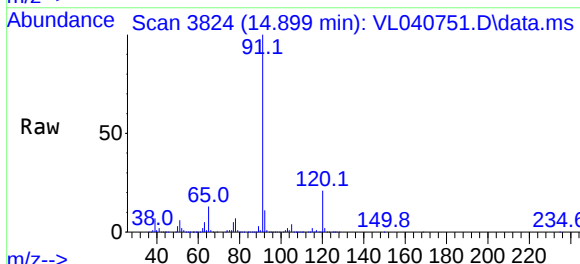
Instrument :
MSVOA_L
ClientSampleId :

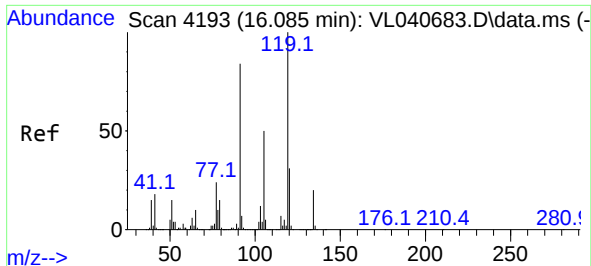
Tgt Ion: 83 Resp: 1874209
Ion Ratio Lower Upper
83 100
131 9.4 4.7 14.1
85 65.5 33.1 99.3



#64
n-propylbenzene
Concen: 11.963 ppbv
RT: 14.899 min Scan# 3824
Delta R.T. -0.026 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

Tgt Ion:120 Resp: 972068
Ion Ratio Lower Upper
120 100
91 488.7 386.9 580.3

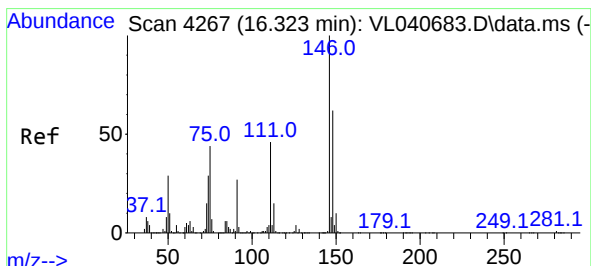
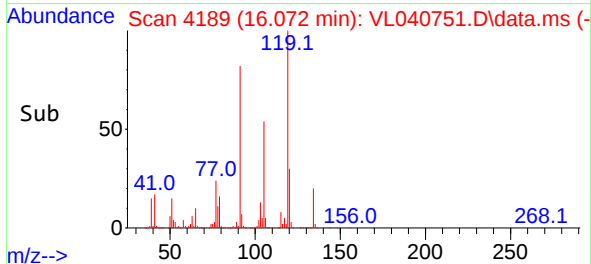
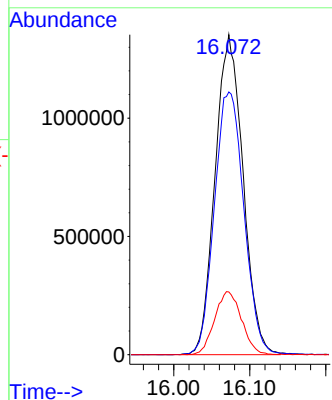
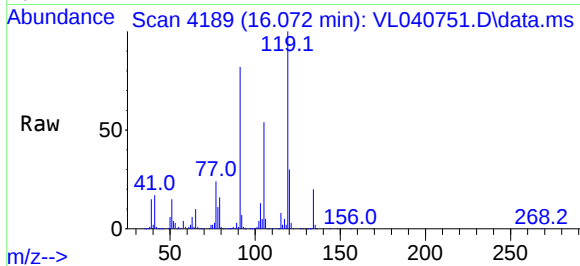




#65
tert-Butylbenzene
Concen: 11.827 ppbv
RT: 16.072 min Scan# 4193
Delta R.T. -0.026 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

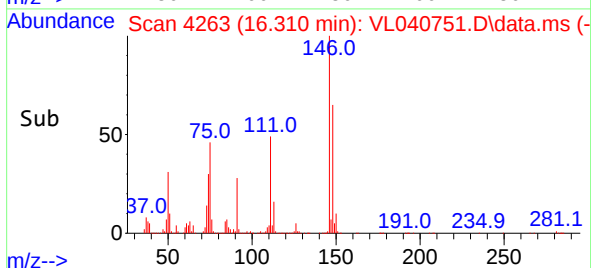
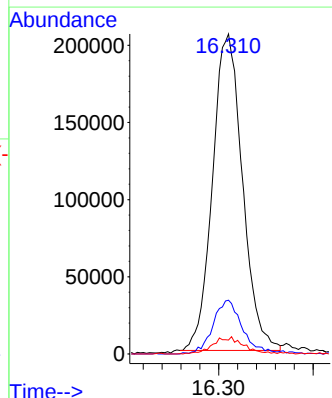
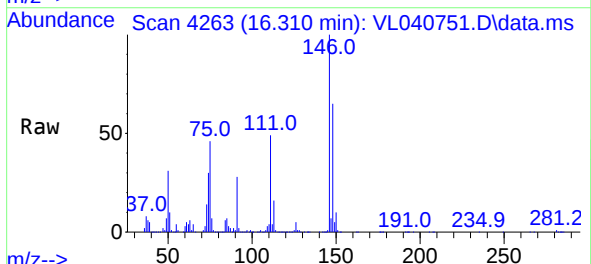
Instrument :
MSVOA_L
ClientSampleId :

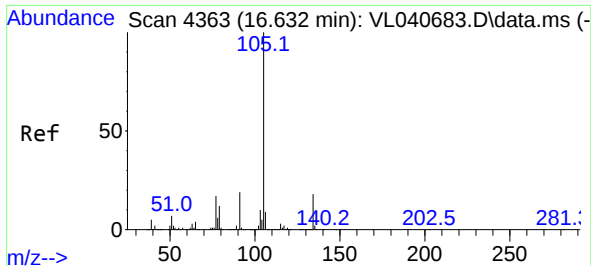
Tgt Ion:119 Resp: 3449888
Ion Ratio Lower Upper
119 100
91 87.1 69.8 104.8
134 19.1 15.4 23.2



#66
Benzyl Chloride
Concen: 13.247 ppbv
RT: 16.310 min Scan# 4263
Delta R.T. -0.026 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

Tgt Ion: 91 Resp: 450943
Ion Ratio Lower Upper
91 100
126 17.0 13.6 20.4
128 5.6 4.4 6.6





#67

sec-Butylbenzene

Concen: 11.601 ppbv

RT: 16.619 min Scan# 41

Delta R.T. -0.026 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

Instrument :

MSVOA_L

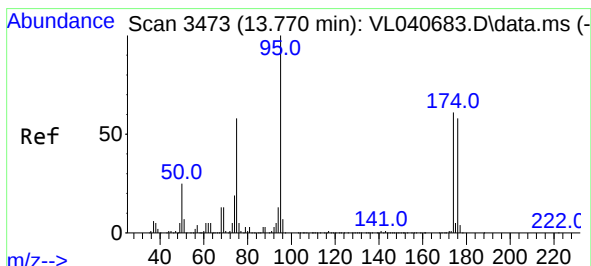
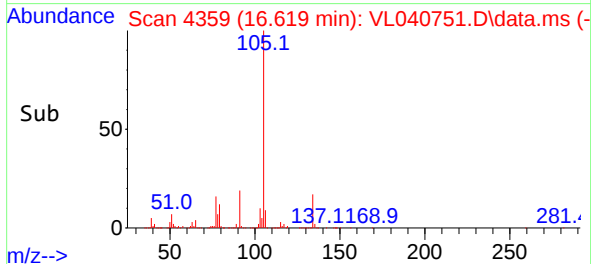
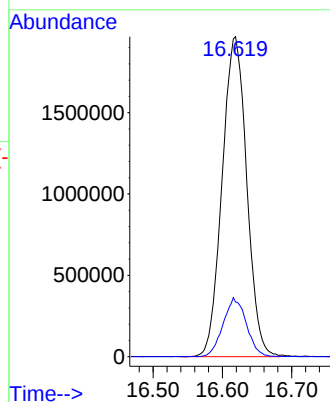
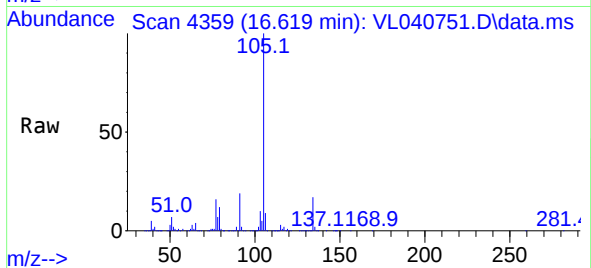
ClientSampleId :

Tgt Ion:105 Resp: 4844322

Ion Ratio Lower Upper

105 100

134 17.5 14.1 21.1



#68

1-Bromo-4-Fluorobenzene

Concen: 10.452 ppbv

RT: 13.757 min Scan# 3469

Delta R.T. -0.029 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

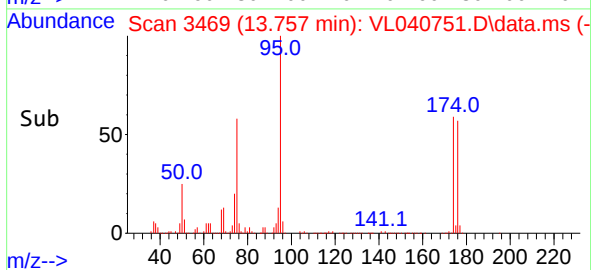
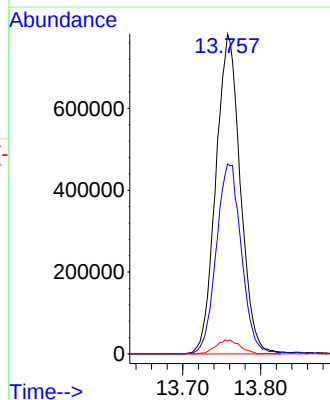
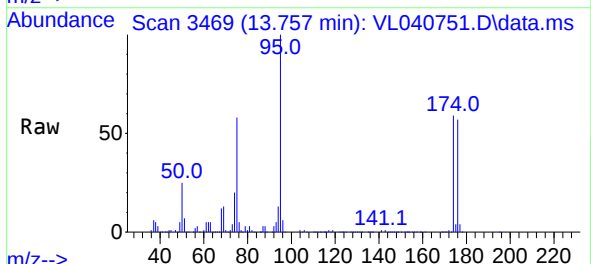
Tgt Ion: 95 Resp: 1702425

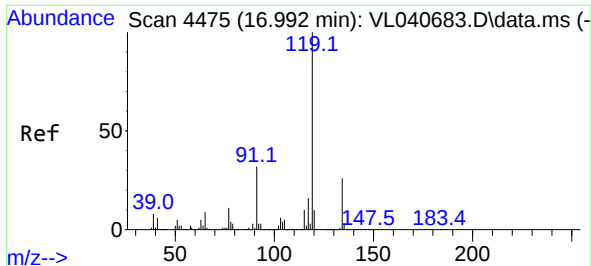
Ion Ratio Lower Upper

95 100

174 61.7 48.9 73.3

175 4.5 3.5 5.3

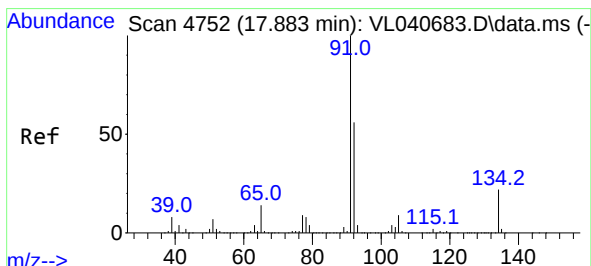
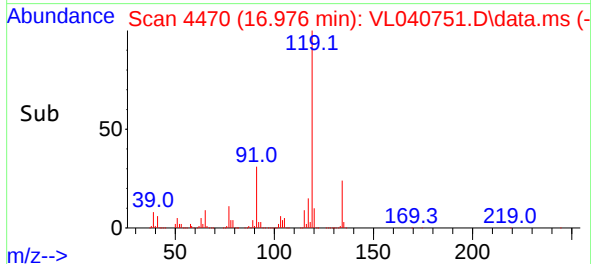
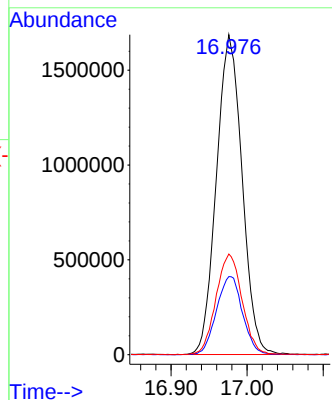
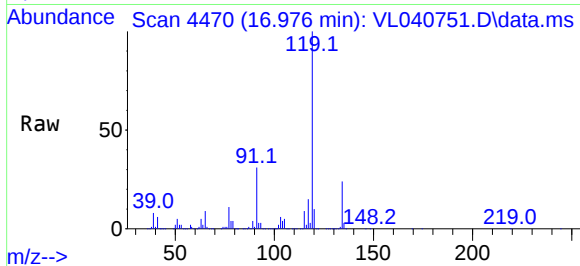




#69
p-Isopropyltoluene
Concen: 12.040 ppbv
RT: 16.976 min Scan# 4475
Delta R.T. -0.026 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

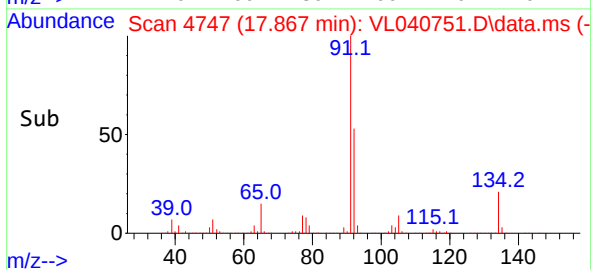
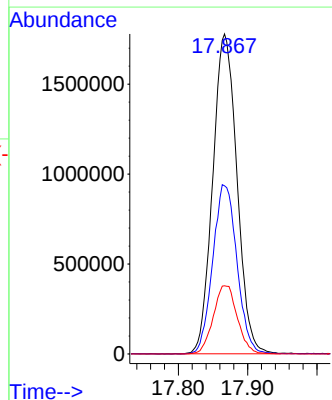
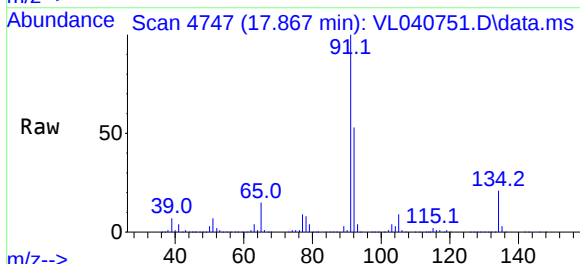
Instrument :
MSVOA_L
ClientSampleId :

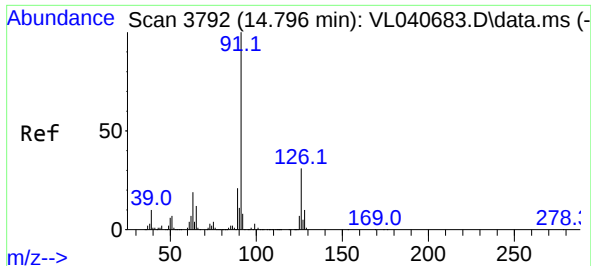
Tgt Ion:119 Resp: 3951187
Ion Ratio Lower Upper
119 100
134 24.9 20.2 30.2
91 32.0 25.0 37.6



#70
n-Butylbenzene
Concen: 11.958 ppbv
RT: 17.867 min Scan# 4747
Delta R.T. -0.029 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

Tgt Ion: 91 Resp: 4319354
Ion Ratio Lower Upper
91 100
92 53.0 42.7 64.1
134 21.3 17.0 25.4

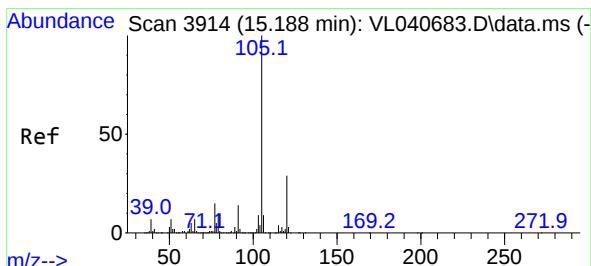
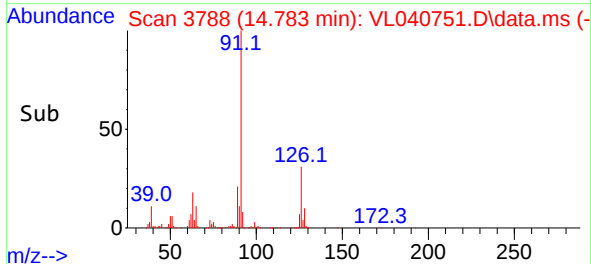
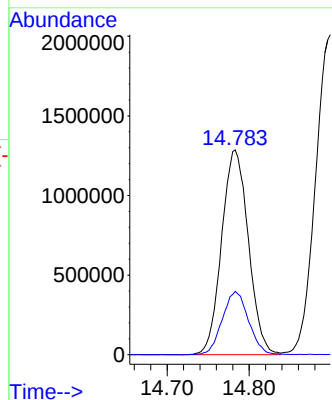
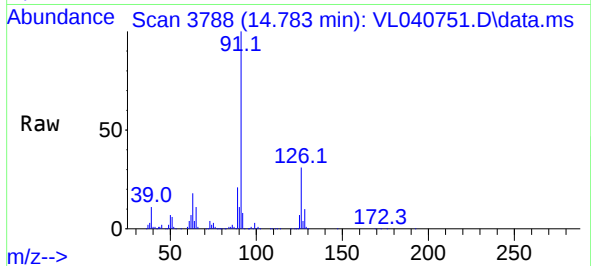




#71
2-Chlorotoluene
Concen: 12.130 ppbv
RT: 14.783 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

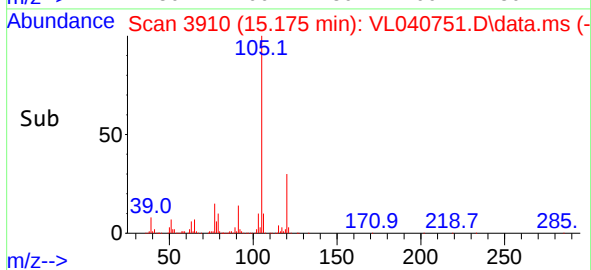
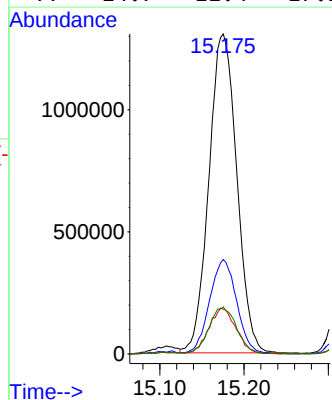
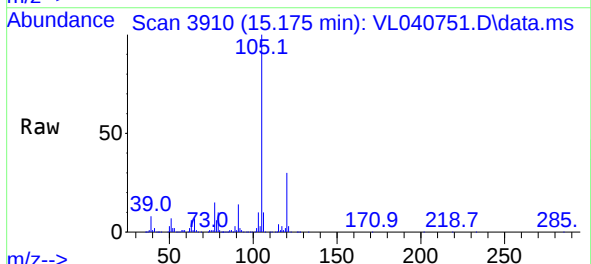
Instrument :
MSVOA_L
ClientSampleId :

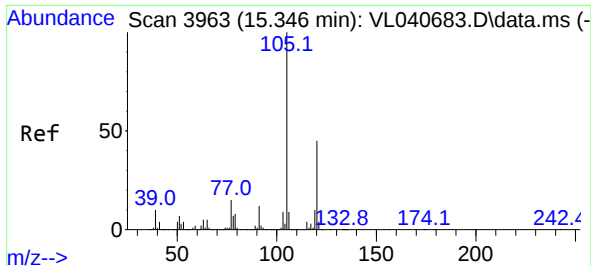
Tgt Ion: 91 Resp: 2916743
Ion Ratio Lower Upper
91 100
126 30.3 12.0 47.8



#72
4-Ethyltoluene
Concen: 12.458 ppbv
RT: 15.175 min Scan# 3910
Delta R.T. -0.026 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

Tgt Ion:105 Resp: 3007032
Ion Ratio Lower Upper
105 100
120 29.0 23.9 35.9
91 14.7 11.0 16.4
77 14.7 11.4 17.2





#73

1,3,5-Trimethylbenzene

Concen: 12.108 ppbv

RT: 15.333 min Scan# 3963

Delta R.T. -0.029 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

Instrument :

MSVOA_L

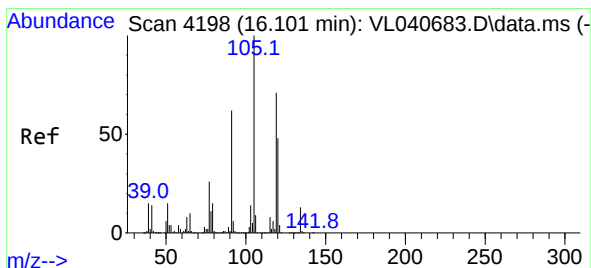
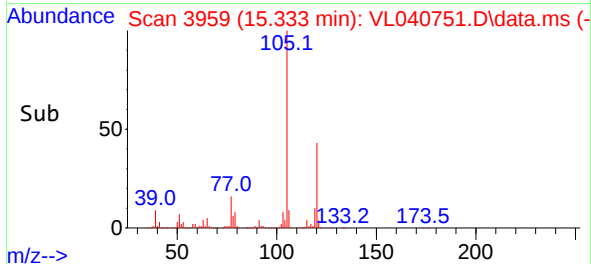
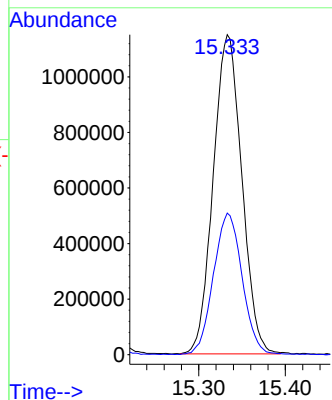
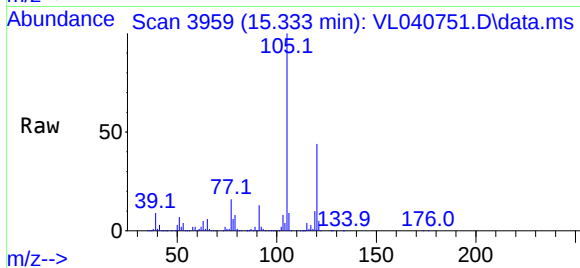
ClientSampleId :

Tgt Ion:105 Resp: 2631528

Ion Ratio Lower Upper

105 100

120 44.3 36.1 54.1



#74

1,2,4-Trimethylbenzene

Concen: 11.582 ppbv

RT: 16.088 min Scan# 4194

Delta R.T. -0.029 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

Tgt Ion:105 Resp: 3068653

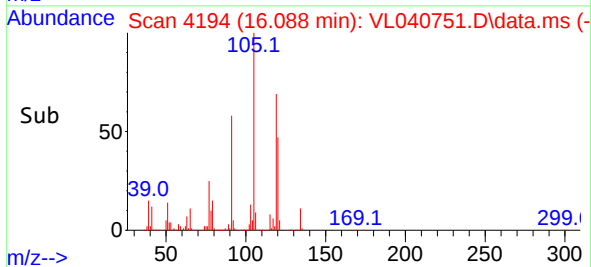
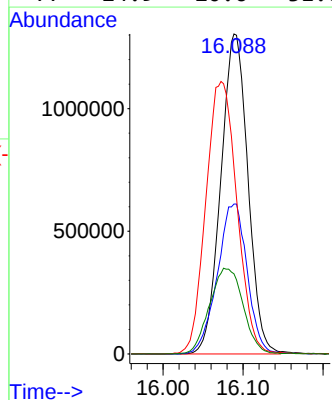
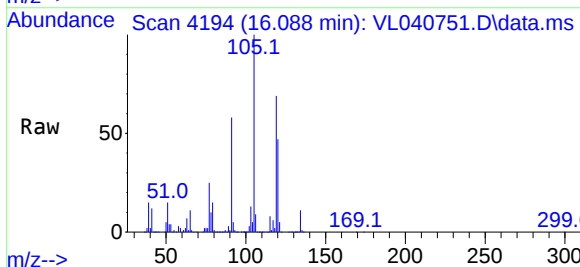
Ion Ratio Lower Upper

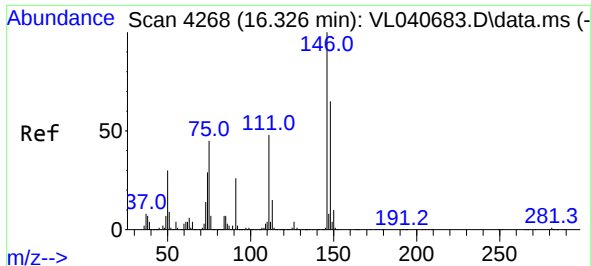
105 100

120 46.8 38.6 57.8

91 57.8 50.0 75.0

77 24.9 20.6 31.0

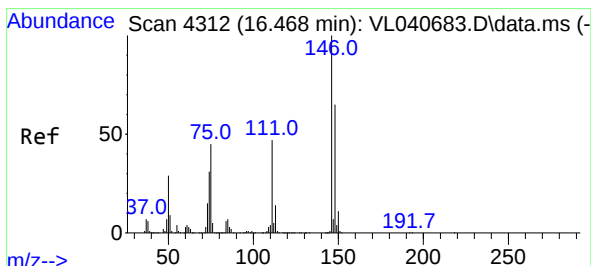
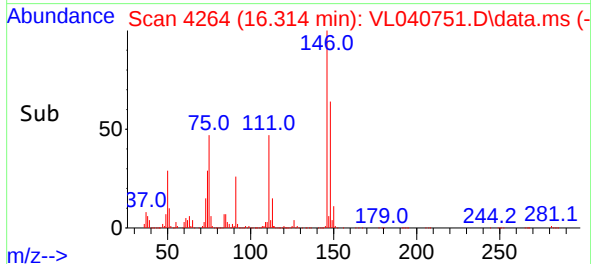
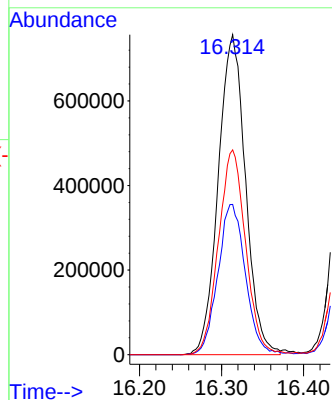
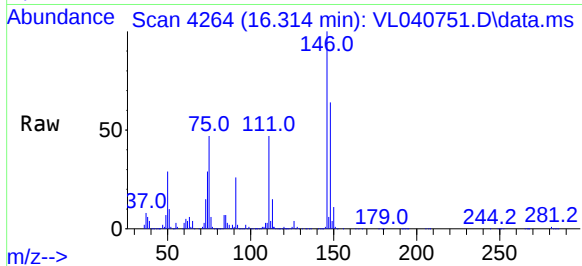




#75
1,3-Dichlorobenzene
Concen: 11.572 ppbv
RT: 16.314 min Scan# 4307
Delta R.T. -0.026 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

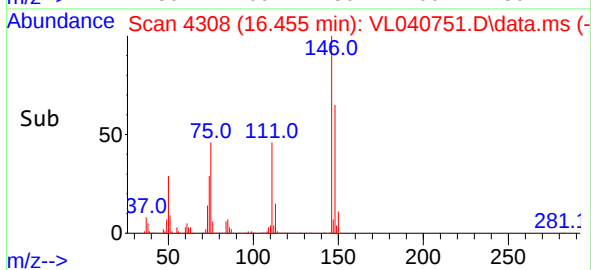
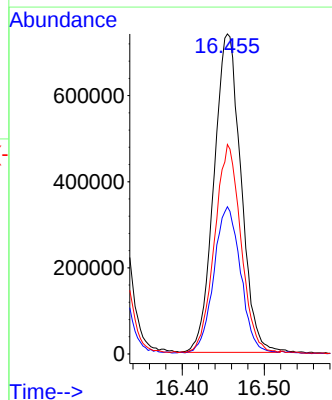
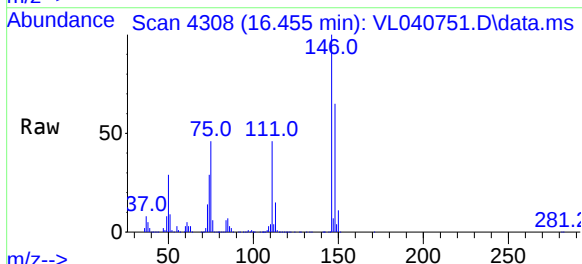
Instrument :
MSVOA_L
ClientSampleId :

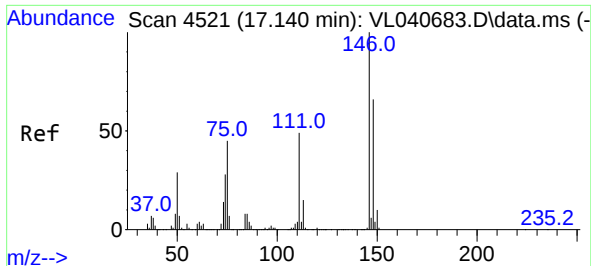
Tgt Ion:146 Resp: 1746983
Ion Ratio Lower Upper
146 100
111 47.6 23.9 71.7
148 63.9 31.8 95.4



#76
1,4-Dichlorobenzene
Concen: 11.407 ppbv
RT: 16.455 min Scan# 4308
Delta R.T. -0.026 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

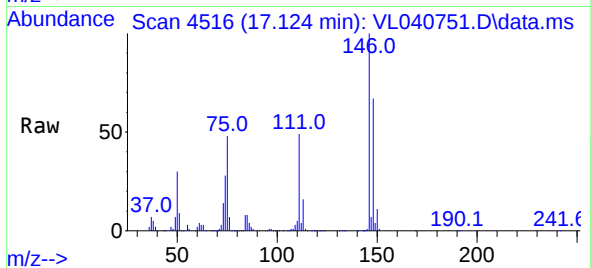
Tgt Ion:146 Resp: 1694352
Ion Ratio Lower Upper
146 100
111 46.8 23.8 71.2
148 65.3 32.6 97.7



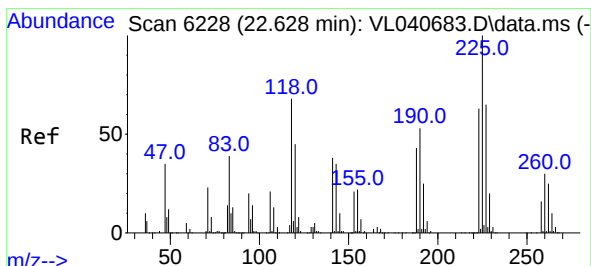
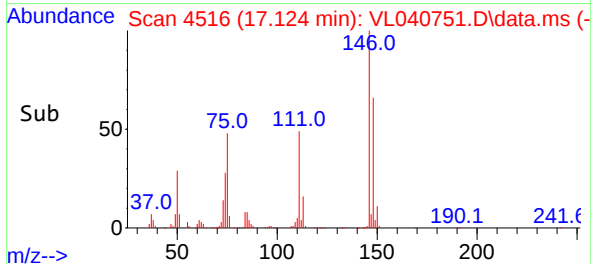
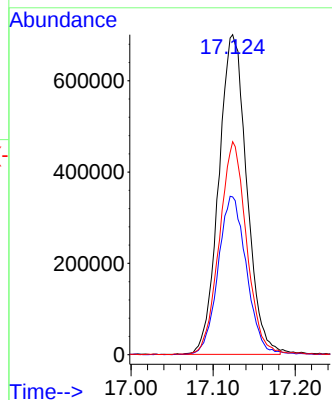


#77
1,2-Dichlorobenzene
Concen: 11.067 ppbv
RT: 17.124 min Scan# 4516
Delta R.T. -0.029 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

Instrument :
MSVOA_L
ClientSampleId :

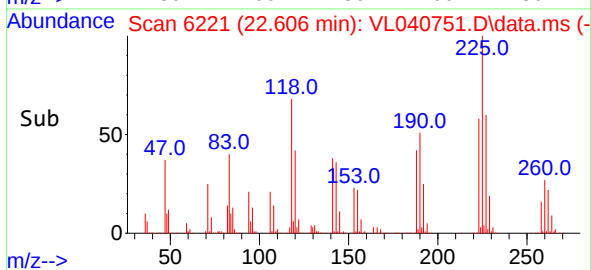
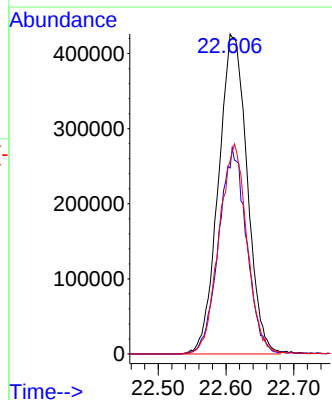
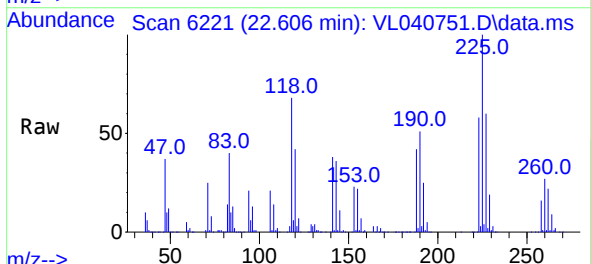


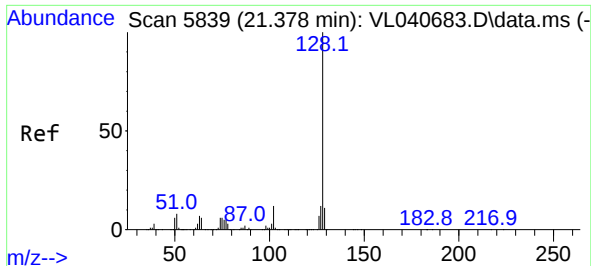
Tgt Ion:146 Resp: 1664052
Ion Ratio Lower Upper
146 100
111 50.4 25.0 75.0
148 65.4 32.4 97.0



#78
Hexachloro-1,3-Butadiene
Concen: 11.002 ppbv
RT: 22.606 min Scan# 6221
Delta R.T. -0.032 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

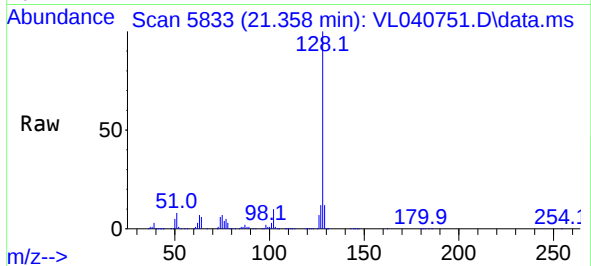
Tgt Ion:225 Resp: 1251719
Ion Ratio Lower Upper
225 100
223 62.9 51.2 76.8
227 64.2 50.7 76.1



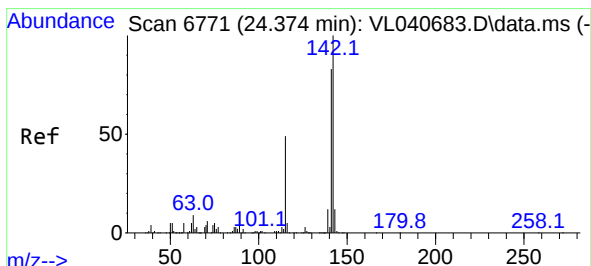
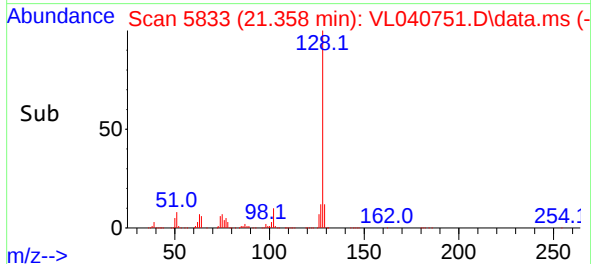
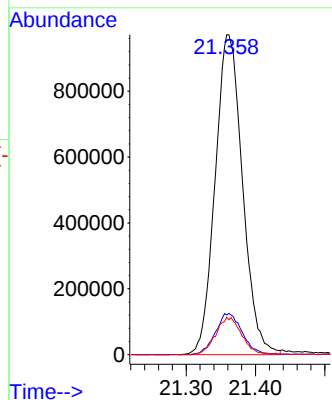


#79
Naphthalene
Concen: 16.166 ppbv
RT: 21.358 min Scan# 51
Delta R.T. -0.035 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

Instrument :
MSVOA_L
ClientSampleId :

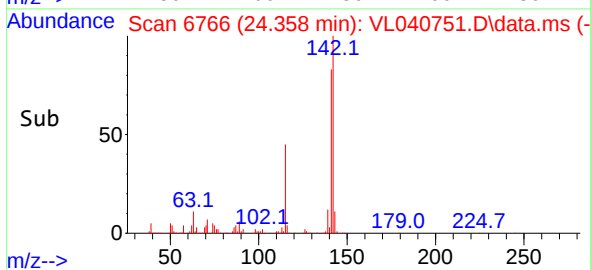
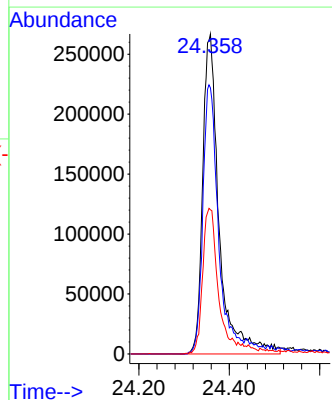
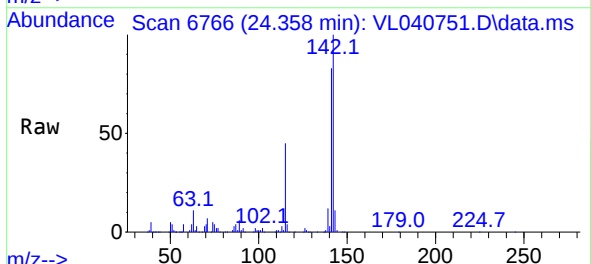


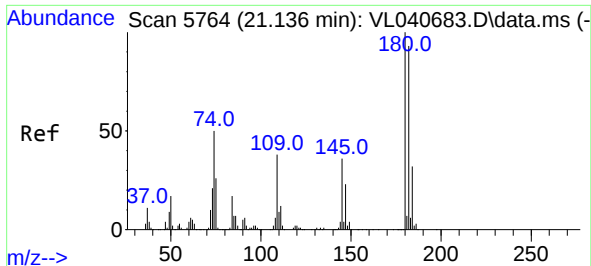
Tgt Ion:128 Resp: 2665413
Ion Ratio Lower Upper
128 100
127 12.4 9.8 14.6
129 11.6 8.4 12.6



#80
Naphthalene,2-methyl-
Concen: 16.682 ppbv
RT: 24.358 min Scan# 6766
Delta R.T. -0.022 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

Tgt Ion:142 Resp: 673682
Ion Ratio Lower Upper
142 100
141 81.5 67.0 100.6
115 45.3 37.4 56.2





#81

1,2,4-Trichlorobenzene

Concen: 12.775 ppbv

RT: 21.120 min Scan# 51

Delta R.T. -0.029 min

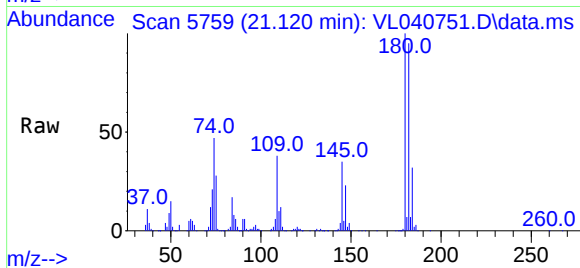
Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 1375853

Ion Ratio Lower Upper

180 100

182 97.7 77.9 116.9

184 30.6 24.4 36.6

