

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101123\
 Data File : VL040763.D
 Acq On : 11 Oct 2023 19:21
 Operator : SY/MD
 Sample : VL1011ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 12 00:28:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Oct 12 00:21:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.211	49	986396	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2755451	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	3251722	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1982228	8.284	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	82.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.761	85	1706983	9.827	ppbv	99
3) Chlorodifluoromethane	2.706	51	1381160	9.528	ppbv	100
4) Chloromethane	2.845	50	525913	9.188	ppbv	100
5) Vinyl Chloride	2.951	62	554234	9.371	ppbv	99
6) Bromomethane	3.147	94	246675	10.081	ppbv	98
7) Chloroethane	3.227	64	186336	9.678	ppbv	99
8) Dichlorotetrafluoroethane	2.887	85	1273277	9.670	ppbv	98
9) Propene	2.726	41	523645	9.725	ppbv	96
10) Heptane	7.594	43	1277469	9.445	ppbv	100
11) Trichlorofluoromethane	3.587	101	1305886	9.741	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.089	101	908883	9.505	ppbv	99
13) Ethanol	3.269	45	100563	8.274	ppbv	98
14) Bromoethene	3.395	108	407186	9.944	ppbv	99
15) Acetone	3.494	43	935193	9.171	ppbv	99
16) 1,3-Butadiene	3.015	39	528676	9.882	ppbv	99
17) tert-Butyl alcohol	3.903	59	913312	8.735	ppbv	98
18) 1,1-Dichloroethene	3.906	96	425728	9.934	ppbv	100
19) Isopropyl Alcohol	3.600	45	594974	9.064	ppbv #	39
20) Methylene Chloride	3.957	84	342179	8.056	ppbv	98
21) Allyl Chloride	4.018	41	659080	9.800	ppbv	98
22) trans-1,2-Dichloroethene	4.468	96	448461	9.832	ppbv	99
23) Vinyl Acetate	4.649	43	1465816	11.279	ppbv	98
24) 1,1-Dichloroethane	4.584	63	1114943	11.375	ppbv	99
25) Ethyl Acetate	5.224	43	2146323	9.606	ppbv	99
26) Hexane	5.234	57	945175	9.256	ppbv	99
27) Carbon Disulfide	4.147	76	1098950	9.754	ppbv	100
28) Methyl tert-Butyl Ether	4.607	73	917762	11.558	ppbv	99
29) Chloroform	5.295	83	1462884	9.901	ppbv	98
30) Cyclohexane	6.616	84	840440	9.672	ppbv	97
31) cis-1,2-Dichloroethene	5.099	61	961290	10.215	ppbv	98
32) 1,1,1-Trichloroethane	6.021	97	1489969	9.475	ppbv	99
34) 2-Butanone	4.806	43	1349341	10.819	ppbv	98
35) Carbon Tetrachloride	6.510	117	1545610	9.994	ppbv	95
36) Benzene	6.388	78	2061106	9.725	ppbv	98
37) 1,2-Dichloroethane	5.825	62	1091616	10.057	ppbv	100
38) Trichloroethene	7.304	130	797349	8.501	ppbv	97
39) 1,2-Dichloropropane	7.089	63	793240	9.580	ppbv	97
40) 1,4-Dioxane	7.298	88	302704	9.660	ppbv #	97
41) Tetrahydrofuran	5.575	42	850153	9.843	ppbv	99
42) Bromodichloromethane	7.263	83	1629466	10.021	ppbv	98
43) Methyl Methacrylate	7.488	69	843200	9.939	ppbv	98
44) 2,2,4-Trimethylpentane	7.343	57	3326486	9.281	ppbv	99
45) t-1,3-Dichloropropene	8.722	75	718759	10.624	ppbv	98

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

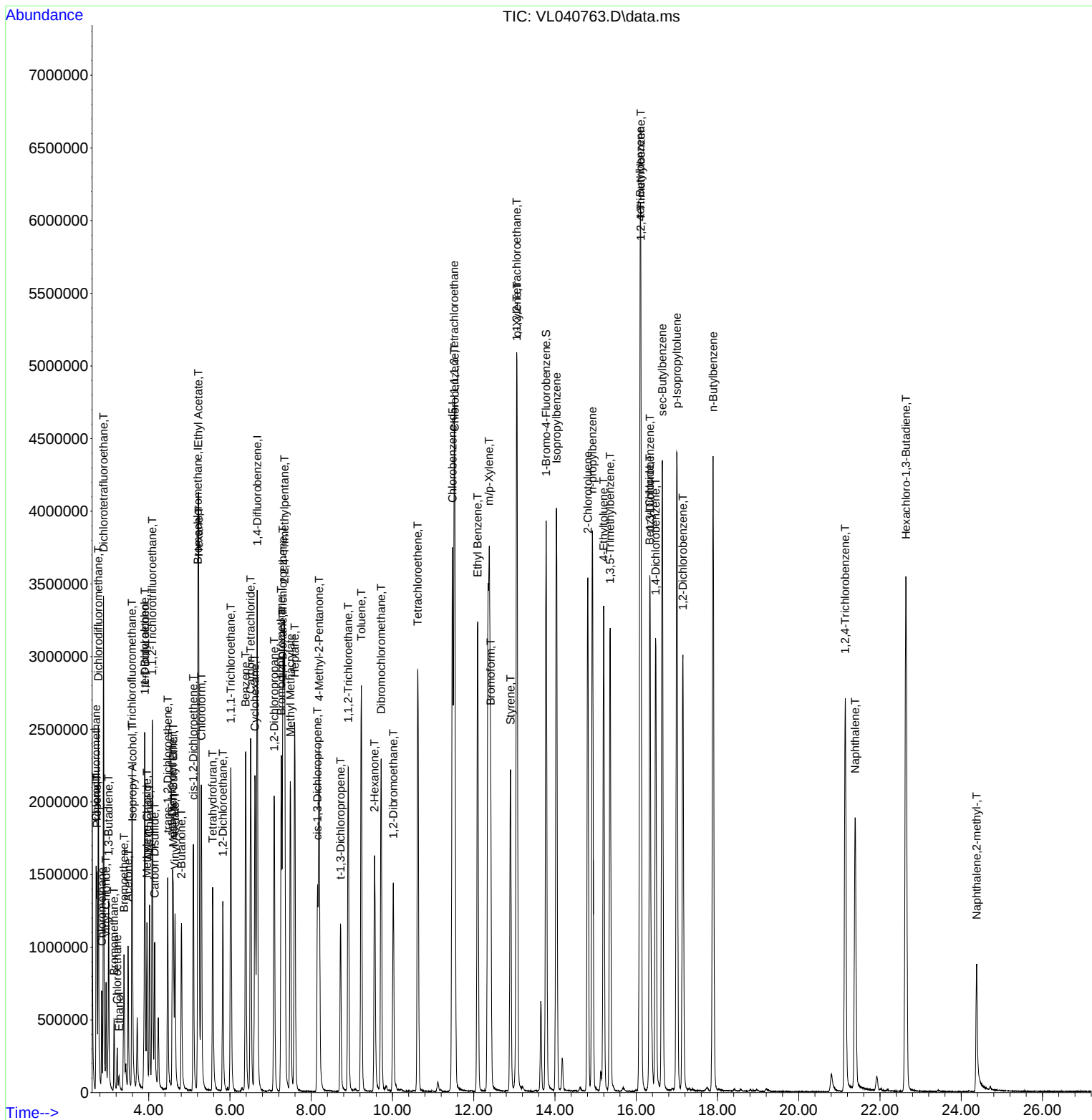
Instrument :
 MSVOA_L
 ClientSampleId :

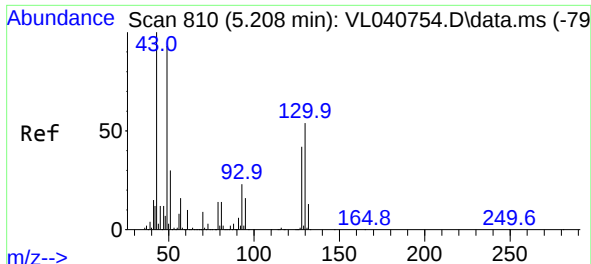
Quant Time: Oct 12 00:28:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Oct 12 00:21:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.156	75	824956	9.981	ppbv	98
47) 1,1,2-Trichloroethane	8.909	97	849813	9.770	ppbv	99
48) Dibromochloromethane	9.722	129	1481896	10.167	ppbv	100
49) Bromoform	12.417	173	1228788	10.370	ppbv	100
50) 4-Methyl-2-Pentanone	8.195	43	2069426	9.699	ppbv	100
51) 2-Hexanone	9.558	43	1537619	9.469	ppbv #	98
52) Tetrachloroethene	10.623	164	766173	8.900	ppbv	97
53) Toluene	9.234	91	2387758	9.466	ppbv	98
54) 1,2-Dibromoethane	10.021	107	1236493	10.141	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.520	131	1058660	7.977	ppbv	96
57) Chlorobenzene	11.536	112	1830255	7.856	ppbv	100
58) Ethyl Benzene	12.098	91	3171193	7.746	ppbv	98
59) m/p-Xylene	12.378	91	3062529	9.089	ppbv #	50
60) o-Xylene	13.066	91	2475145	7.709	ppbv	99
61) Styrene	12.905	104	1444438	8.120	ppbv	100
62) Isopropylbenzene	14.037	105	3805764	7.705	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.057	83	1761325	7.317	ppbv	99
64) n-propylbenzene	14.925	120	1055786	7.957	ppbv	99
65) tert-Butylbenzene	16.095	119	3348494	7.516	ppbv	100
66) Benzyl Chloride	16.333	91	377943	8.421	ppbv	100
67) sec-Butylbenzene	16.642	105	4691973	7.692	ppbv	99
69) p-Isopropyltoluene	17.002	119	3949604	7.728	ppbv	99
70) n-Butylbenzene	17.892	91	3903545	7.778	ppbv	100
71) 2-Chlorotoluene	14.809	91	2874538	7.747	ppbv	99
72) 4-Ethyltoluene	15.198	105	3017757	8.026	ppbv	99
73) 1,3,5-Trimethylbenzene	15.359	105	2638352	7.970	ppbv	99
74) 1,2,4-Trimethylbenzene	16.114	105	2784049	7.698	ppbv	96
75) 1,3-Dichlorobenzene	16.336	146	1769989	7.869	ppbv	100
76) 1,4-Dichlorobenzene	16.481	146	1755166	7.879	ppbv	99
77) 1,2-Dichlorobenzene	17.150	146	1717681	7.783	ppbv	99
78) Hexachloro-1,3-Butadiene	22.641	225	1098189	6.954	ppbv	99
79) Naphthalene	21.391	128	2599324	8.841	ppbv	100
80) Naphthalene,2-methyl-	24.381	142	740182	8.972	ppbv	98
81) 1,2,4-Trichlorobenzene	21.146	180	1281426	8.028	ppbv	99

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

Quant Time: Oct 12 00:28:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Oct 12 00:21:08 2023
Response via : Initial Calibration

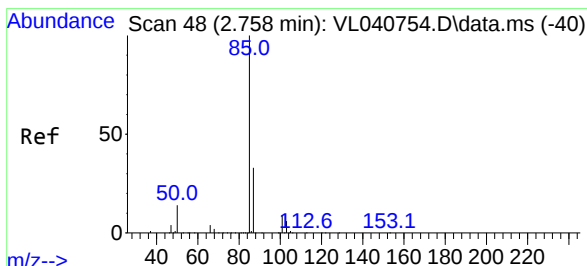
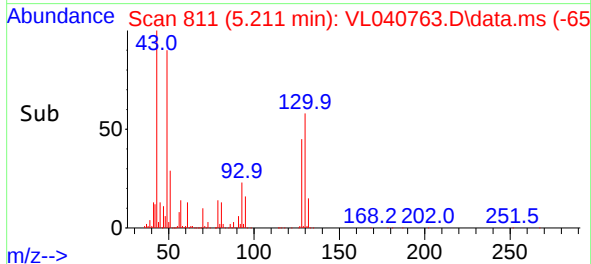
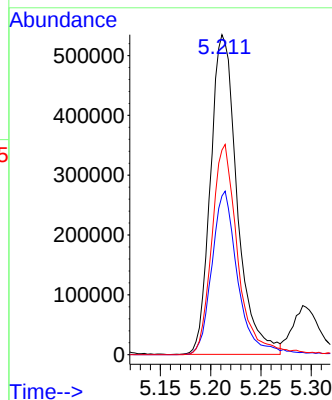
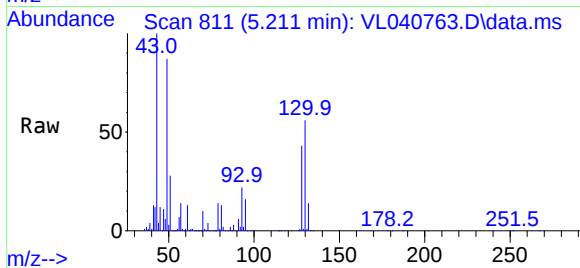




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

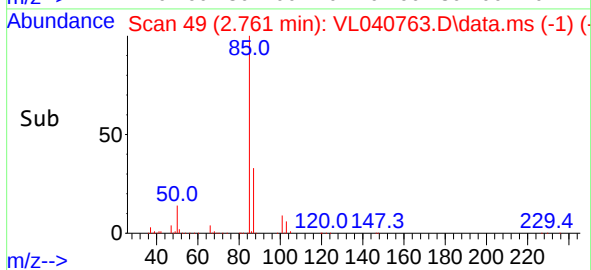
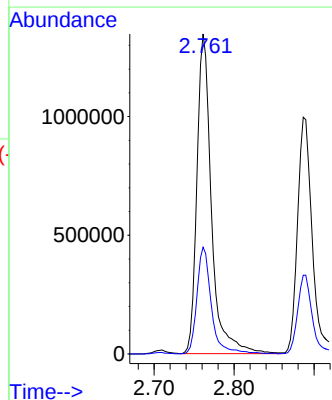
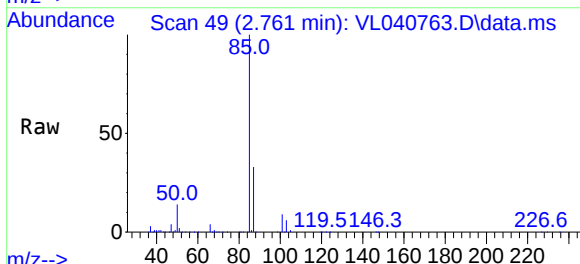
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 986396
Ion Ratio Lower Upper
49 100
128 50.1 23.9 71.7
130 64.9 30.7 92.1

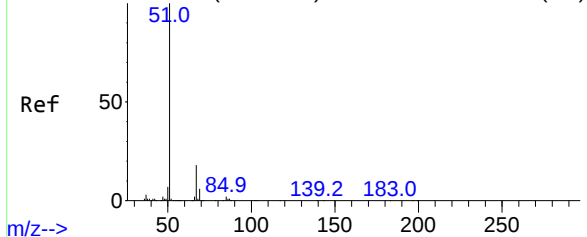


#2
Dichlorodifluoromethane
Concen: 9.827 ppbv
RT: 2.761 min Scan# 49
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Tgt Ion: 85 Resp: 1706983
Ion Ratio Lower Upper
85 100
87 33.3 26.0 39.0



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

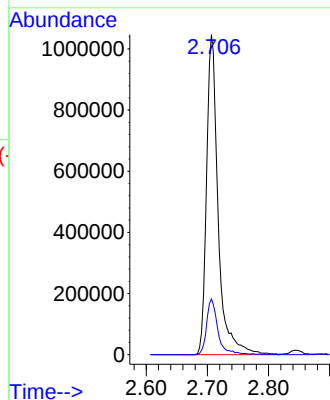
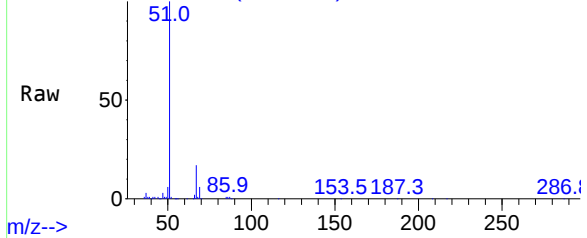


#3
Chlorodifluoromethane
Concen: 9.528 ppbv
RT: 2.706 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

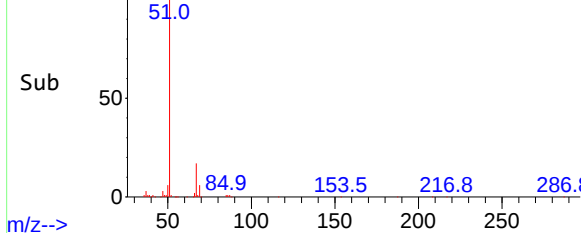
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 1381160
Ion Ratio Lower Upper
51 100
67 17.1 13.8 20.6

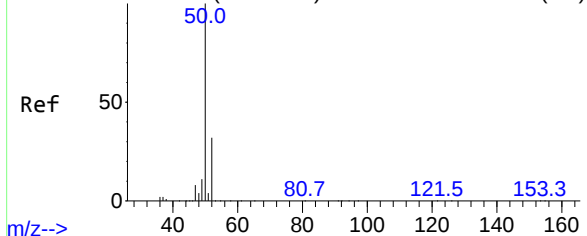
Abundance Scan 32 (2.706 min): VL040763.D\data.ms



Abundance Scan 32 (2.706 min): VL040763.D\data.ms (-1) (-



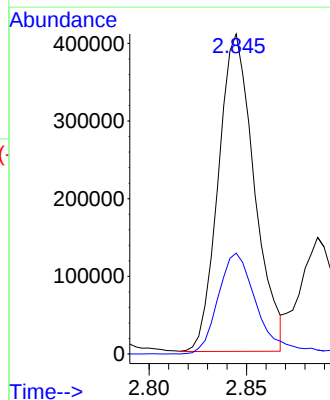
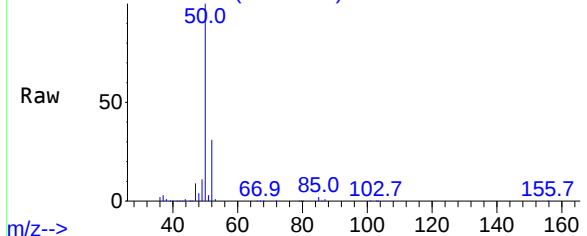
Abundance Scan 74 (2.841 min): VL040754.D\data.ms (-65)



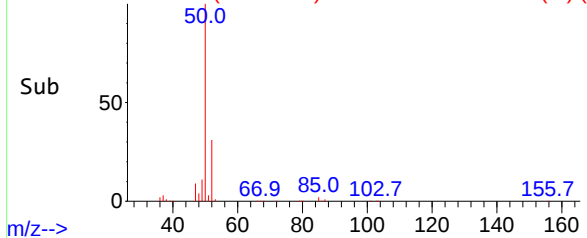
#4
Chloromethane
Concen: 9.188 ppbv
RT: 2.845 min Scan# 75
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

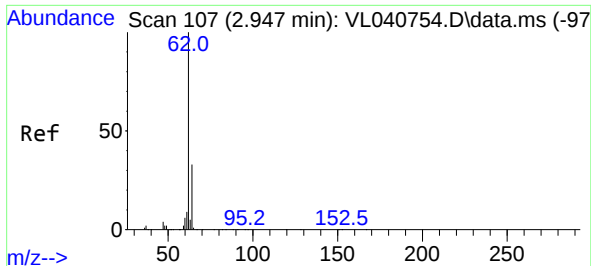
Tgt Ion: 50 Resp: 525913
Ion Ratio Lower Upper
50 100
52 31.8 25.3 37.9

Abundance Scan 75 (2.845 min): VL040763.D\data.ms



Abundance Scan 75 (2.845 min): VL040763.D\data.ms (-1) (-

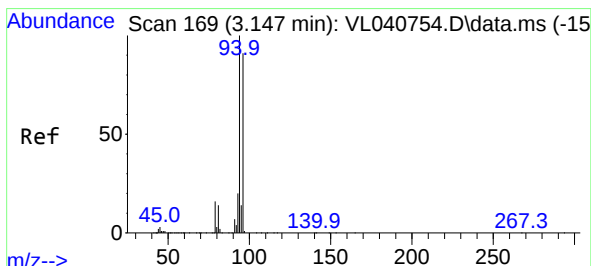
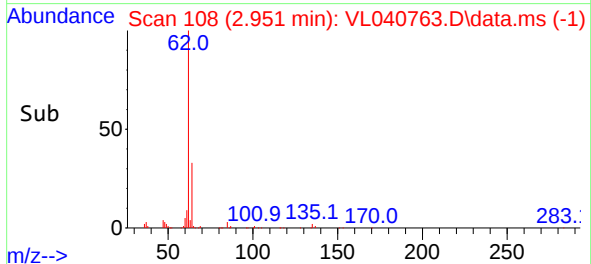
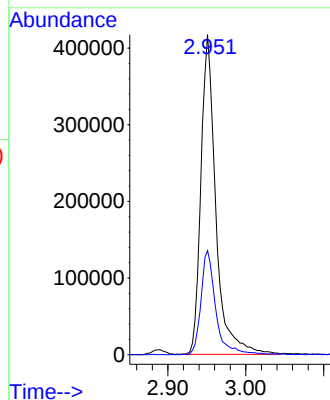
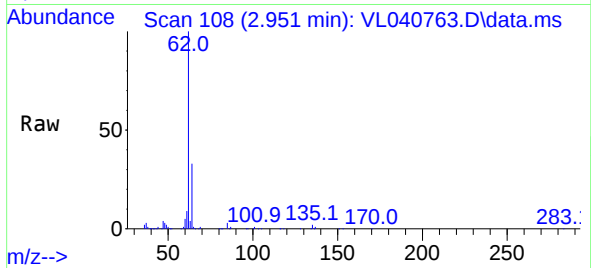




#5
 Vinyl Chloride
 Concen: 9.371 ppbv
 RT: 2.951 min Scan# 107
 Delta R.T. 0.003 min
 Lab File: VL040763.D
 Acq: 11 Oct 2023 19:21

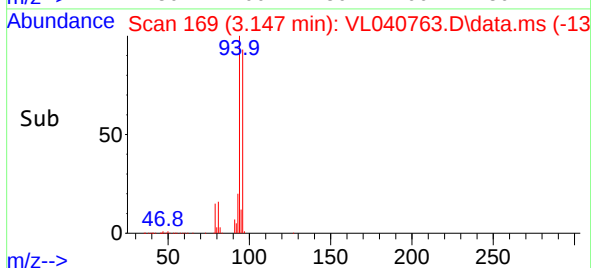
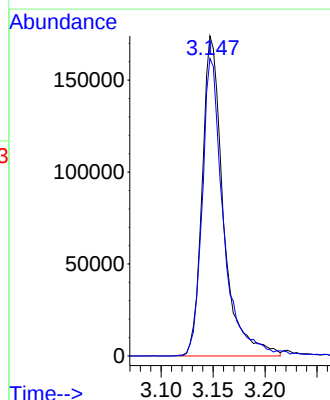
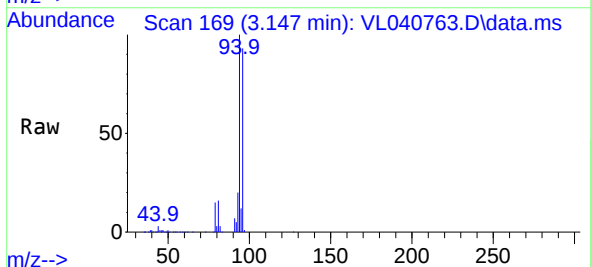
Instrument :
 MSVOA_L
 ClientSampleId :

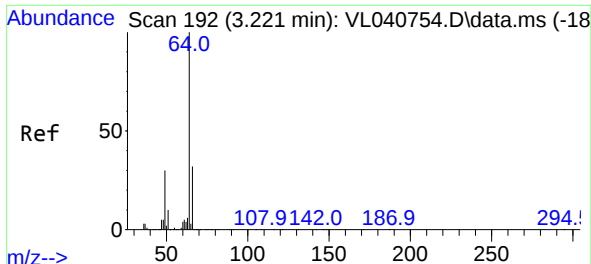
Tgt Ion: 62 Resp: 554234
 Ion Ratio Lower Upper
 62 100
 64 32.5 26.6 39.8



#6
 Bromomethane
 Concen: 10.081 ppbv
 RT: 3.147 min Scan# 169
 Delta R.T. 0.000 min
 Lab File: VL040763.D
 Acq: 11 Oct 2023 19:21

Tgt Ion: 94 Resp: 246675
 Ion Ratio Lower Upper
 94 100
 96 92.6 72.6 109.0

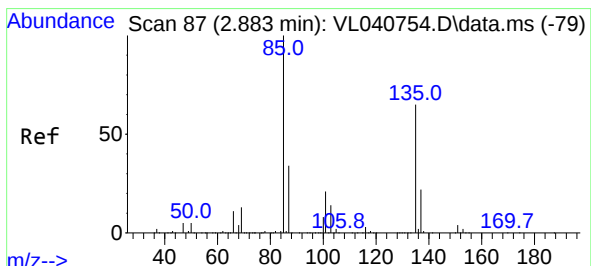
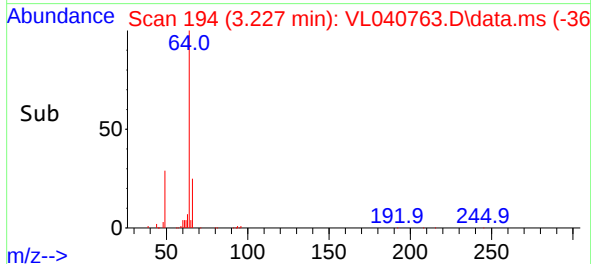
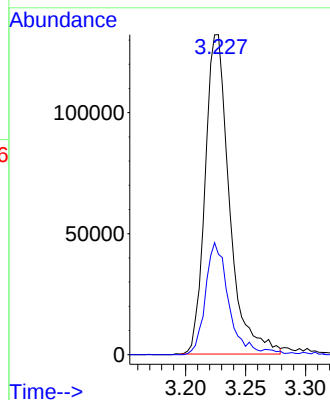
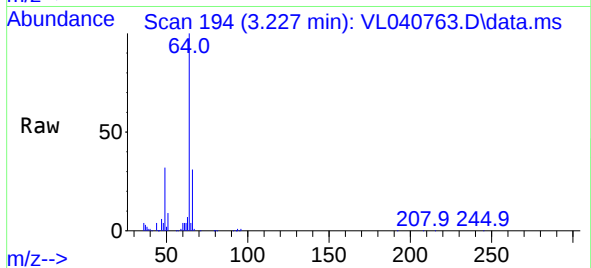




#7
Chloroethane
Concen: 9.678 ppbv
RT: 3.227 min Scan# 19
Delta R.T. 0.007 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

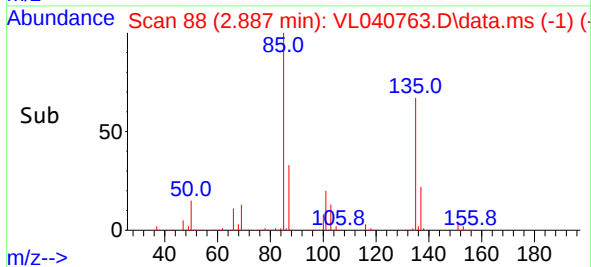
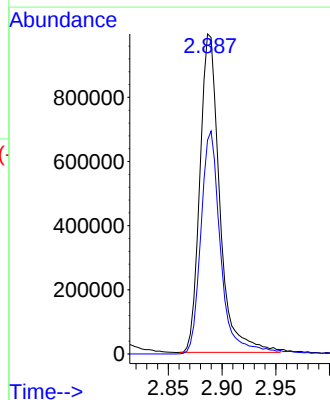
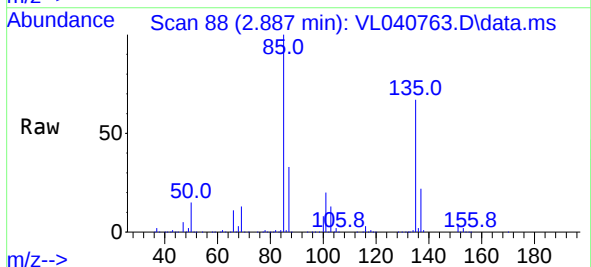
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 186336
Ion Ratio Lower Upper
64 100
66 31.4 25.4 38.2

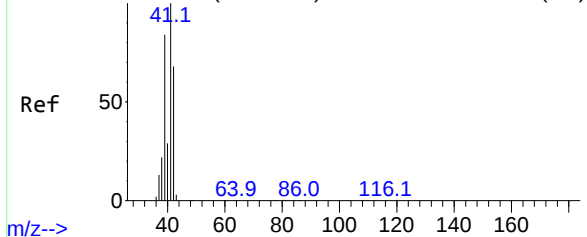


#8
Dichlorotetrafluoroethane
Concen: 9.670 ppbv
RT: 2.887 min Scan# 88
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Tgt Ion: 85 Resp: 1273277
Ion Ratio Lower Upper
85 100
135 70.8 55.4 83.2



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



#9

Propene

Concen: 9.725 ppbv

RT: 2.726 min Scan# 38

Delta R.T. 0.003 min

Lab File: VL040763.D

Acq: 11 Oct 2023 19:21

Instrument :

MSVOA_L

ClientSampleId :

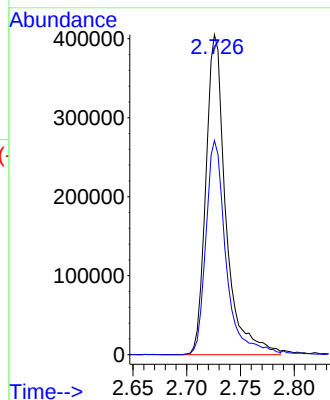
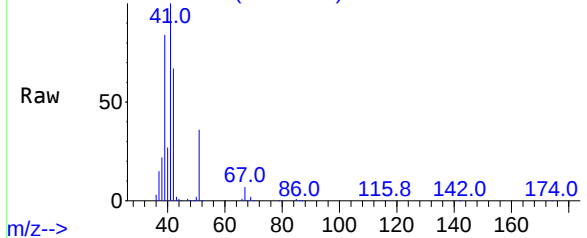
Tgt Ion: 41 Resp: 523645

Ion Ratio Lower Upper

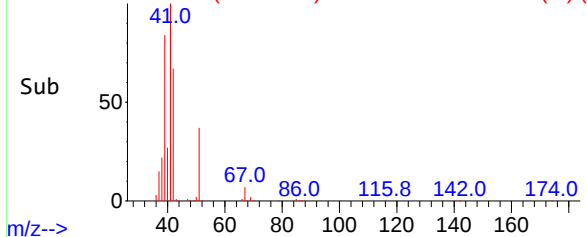
41 100

42 68.4 57.1 85.7

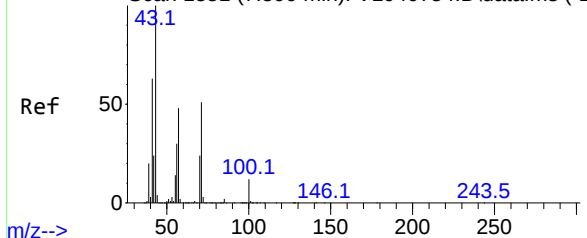
Abundance Scan 38 (2.726 min): VL040763.D\data.ms



Abundance Scan 38 (2.726 min): VL040763.D\data.ms (-1)



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



#10

Heptane

Concen: 9.445 ppbv

RT: 7.594 min Scan# 1552

Delta R.T. 0.003 min

Lab File: VL040763.D

Acq: 11 Oct 2023 19:21

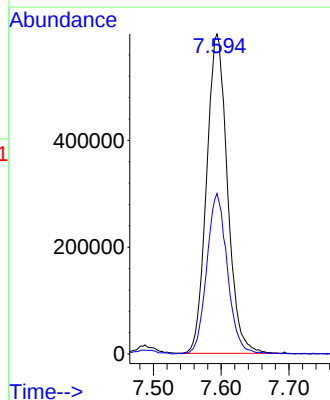
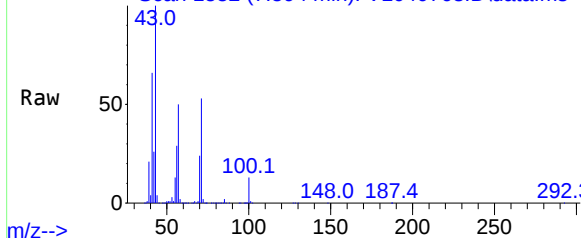
Tgt Ion: 43 Resp: 1277469

Ion Ratio Lower Upper

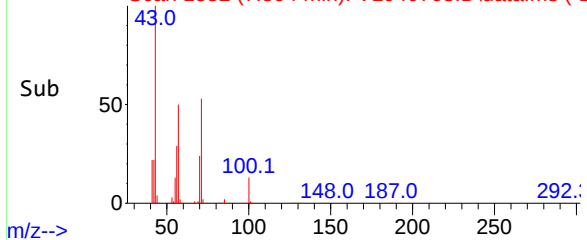
43 100

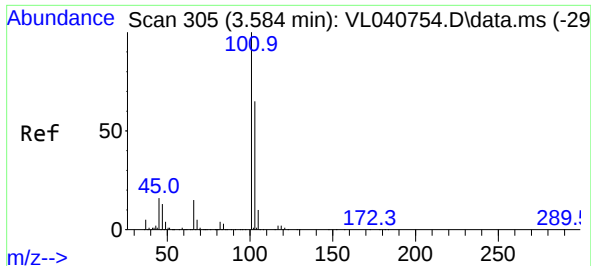
57 49.9 40.0 60.0

Abundance Scan 1552 (7.594 min): VL040763.D\data.ms



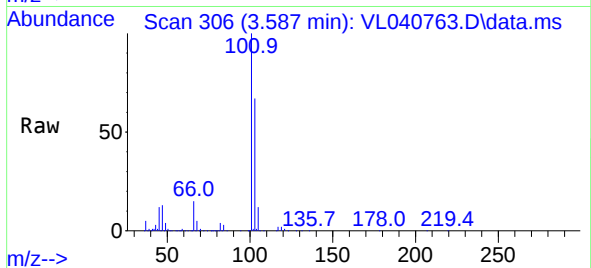
Abundance Scan 1552 (7.594 min): VL040763.D\data.ms (-1)



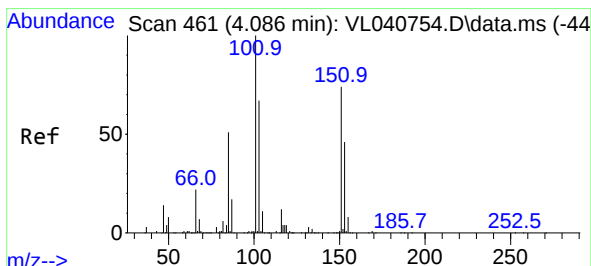
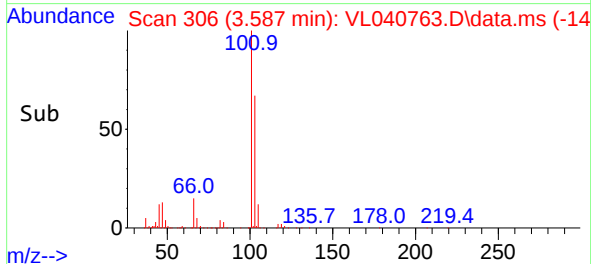
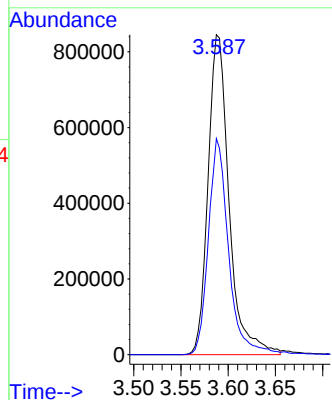


#11
Trichlorofluoromethane
Concen: 9.741 ppbv
RT: 3.587 min Scan# 305
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Instrument :
MSVOA_L
ClientSampleId :

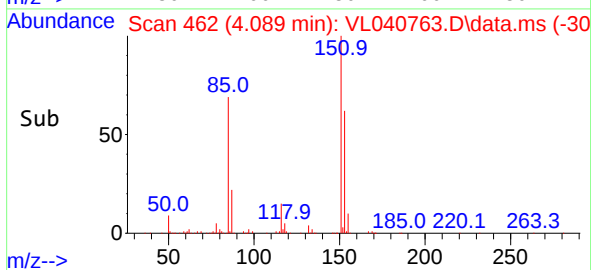
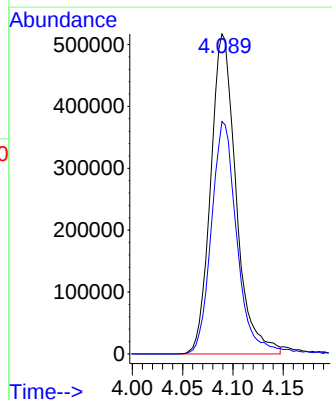
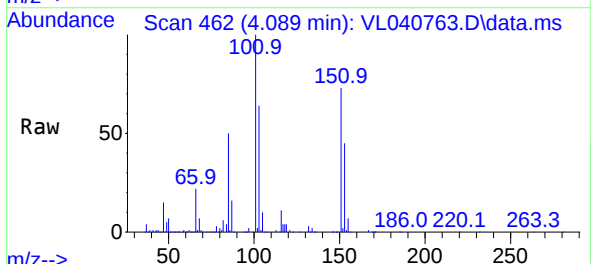


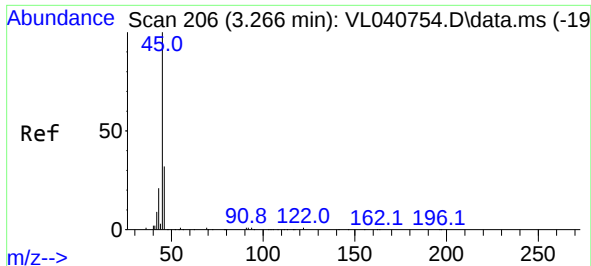
Tgt Ion:101 Resp: 1305886
Ion Ratio Lower Upper
101 100
103 67.5 52.2 78.2



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.505 ppbv
RT: 4.089 min Scan# 462
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Tgt Ion:101 Resp: 908883
Ion Ratio Lower Upper
101 100
151 73.8 58.1 87.1

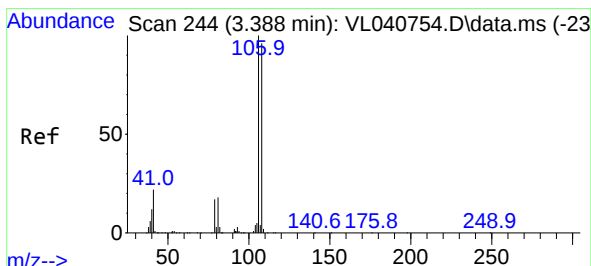
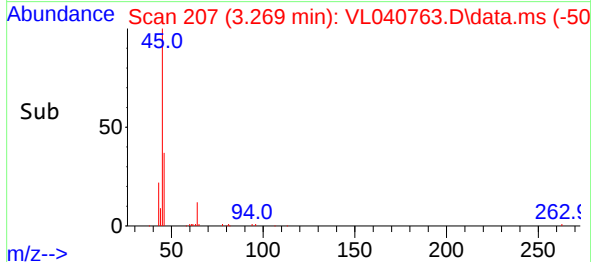
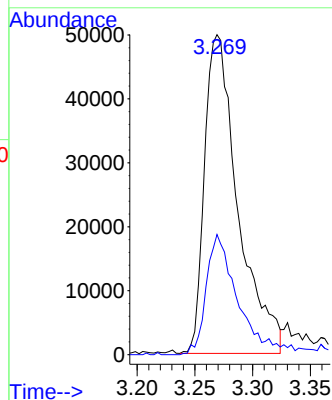
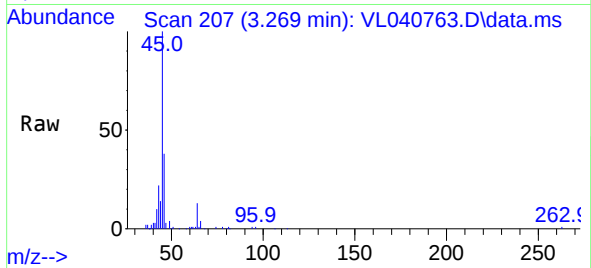




#13
Ethanol
Concen: 8.274 ppbv
RT: 3.269 min Scan# 206
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

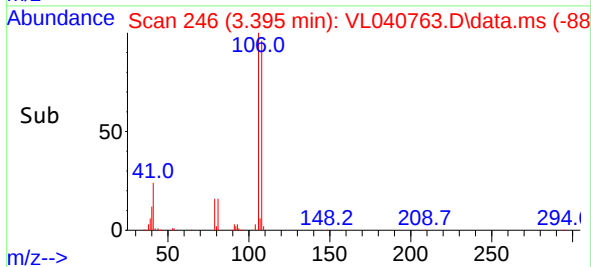
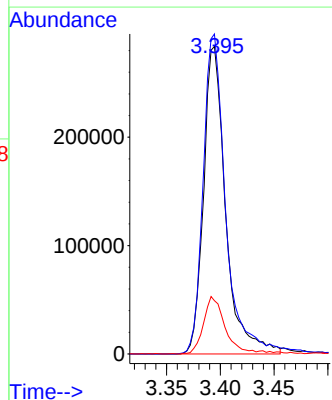
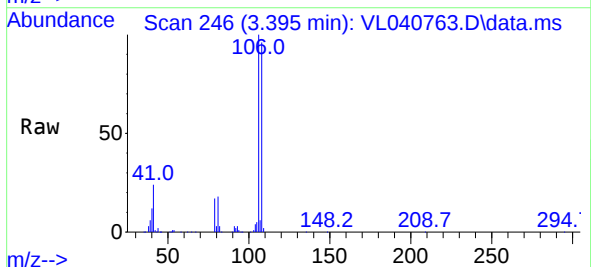
Instrument :
MSVOA_L
ClientSampleId :

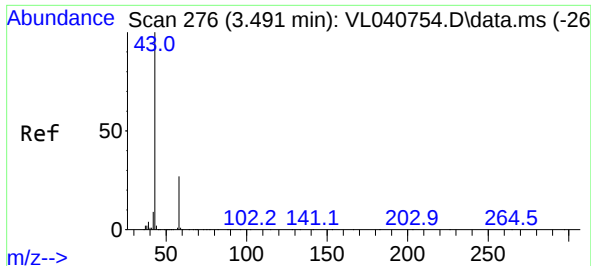
Tgt Ion: 45 Resp: 100563
Ion Ratio Lower Upper
45 100
46 37.8 14.6 58.2



#14
Bromoethene
Concen: 9.944 ppbv
RT: 3.395 min Scan# 246
Delta R.T. 0.007 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Tgt Ion:108 Resp: 407186
Ion Ratio Lower Upper
108 100
106 107.4 85.2 127.8
79 18.7 15.7 23.5

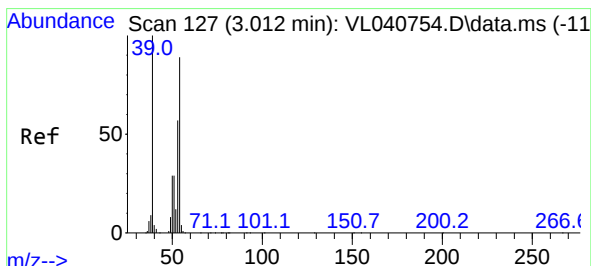
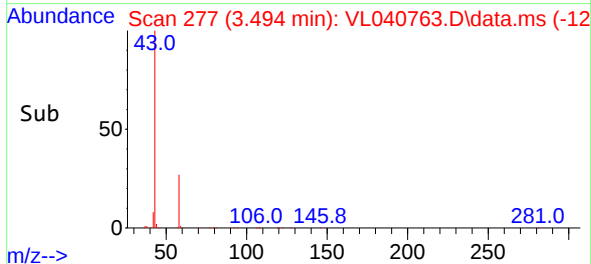
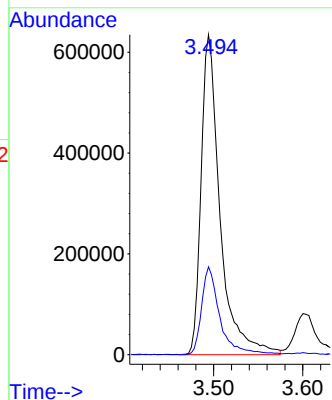
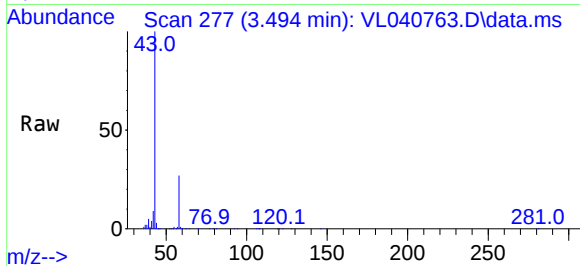




#15
Acetone
Concen: 9.171 ppbv
RT: 3.494 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

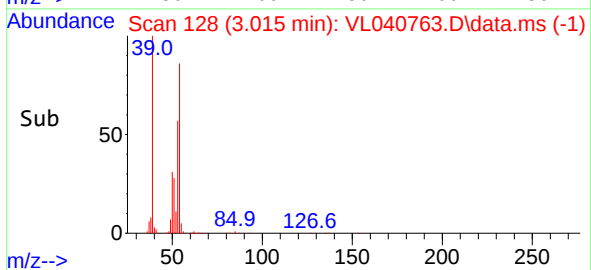
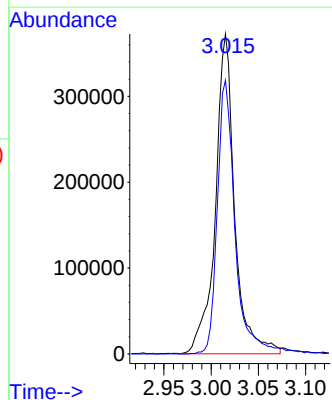
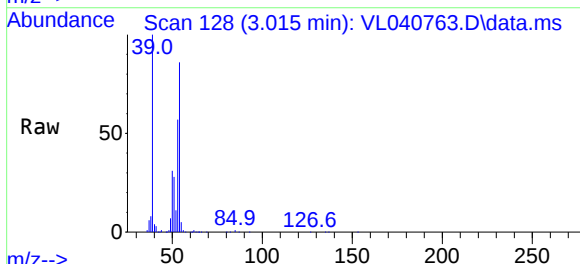
Instrument :
MSVOA_L
ClientSampleId :

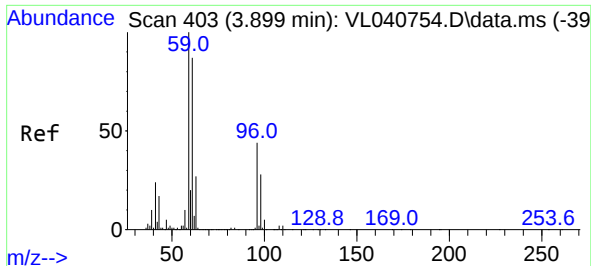
Tgt Ion: 43 Resp: 935193
Ion Ratio Lower Upper
43 100
58 26.6 21.6 32.4



#16
1,3-Butadiene
Concen: 9.882 ppbv
RT: 3.015 min Scan# 128
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Tgt Ion: 39 Resp: 528676
Ion Ratio Lower Upper
39 100
54 79.8 63.0 94.6





#17

tert-Butyl alcohol

Concen: 8.735 ppbv

RT: 3.903 min Scan# 404

Delta R.T. 0.003 min

Lab File: VL040763.D

Acq: 11 Oct 2023 19:21

Instrument :

MSVOA_L

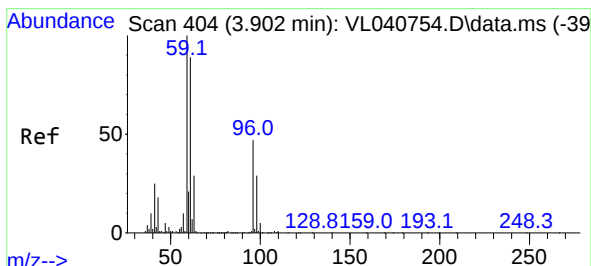
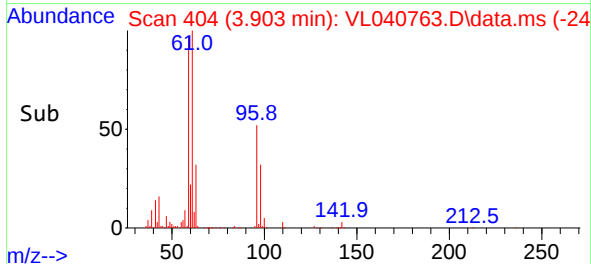
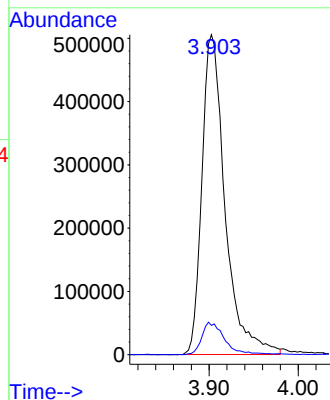
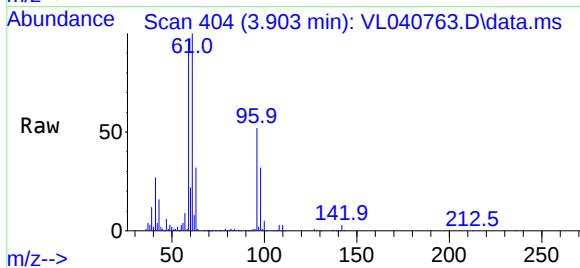
ClientSampleId :

Tgt Ion: 59 Resp: 913312

Ion Ratio Lower Upper

59 100

57 10.2 8.6 13.0



#18

1,1-Dichloroethene

Concen: 9.934 ppbv

RT: 3.906 min Scan# 405

Delta R.T. 0.003 min

Lab File: VL040763.D

Acq: 11 Oct 2023 19:21

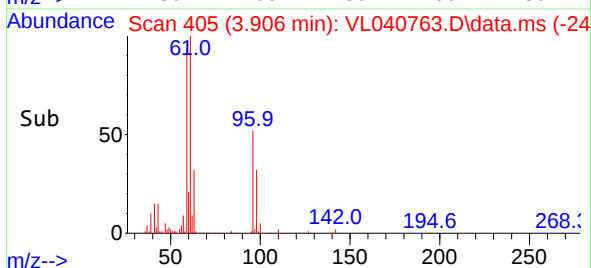
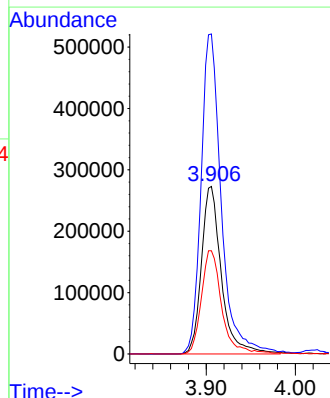
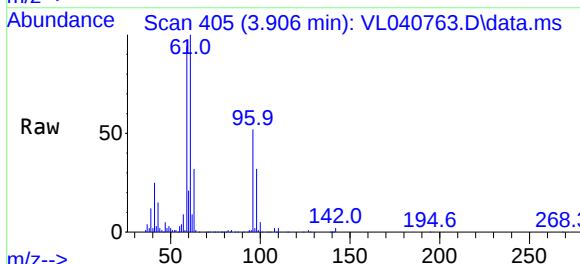
Tgt Ion: 96 Resp: 425728

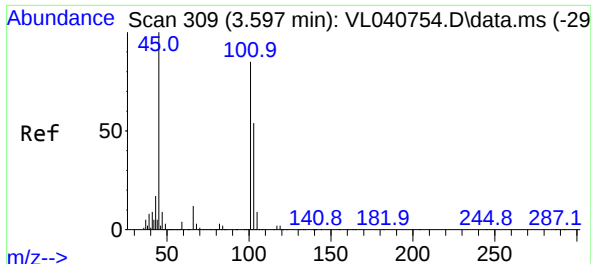
Ion Ratio Lower Upper

96 100

61 190.9 152.5 228.7

98 61.6 49.6 74.4





#19

Isopropyl Alcohol

Concen: 9.064 ppbv

RT: 3.600 min Scan# 310

Delta R.T. 0.003 min

Lab File: VL040763.D

Acq: 11 Oct 2023 19:21

Instrument :

MSVOA_L

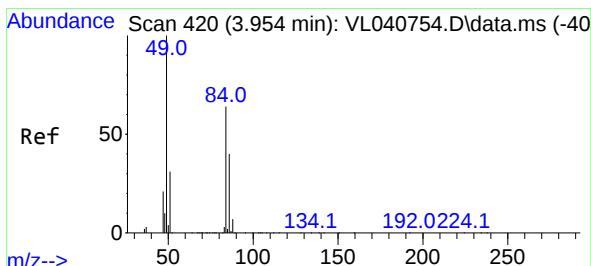
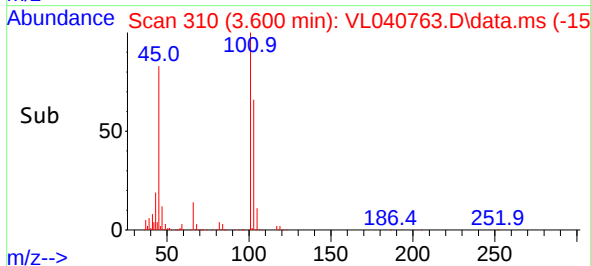
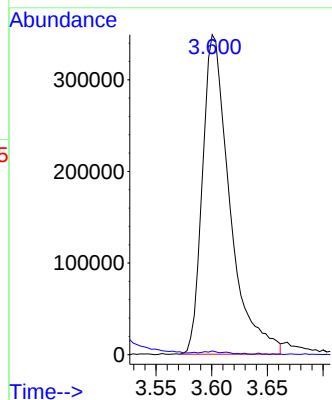
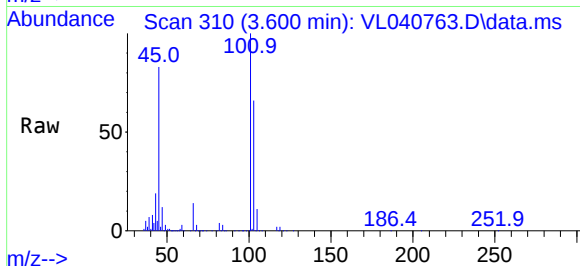
ClientSampleId :

Tgt Ion: 45 Resp: 594974

Ion Ratio Lower Upper

45 100

58 1.4 30.3 45.5#



#20

Methylene Chloride

Concen: 8.056 ppbv

RT: 3.957 min Scan# 421

Delta R.T. 0.003 min

Lab File: VL040763.D

Acq: 11 Oct 2023 19:21

Tgt Ion: 84 Resp: 342179

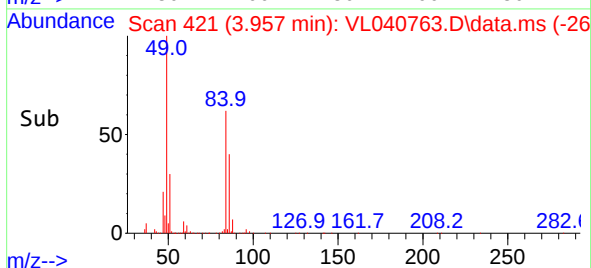
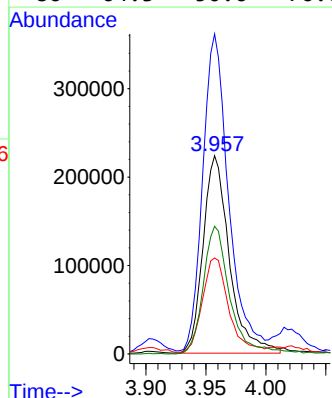
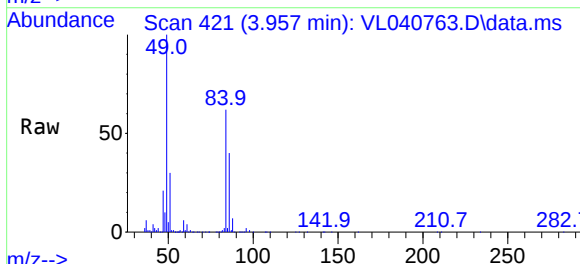
Ion Ratio Lower Upper

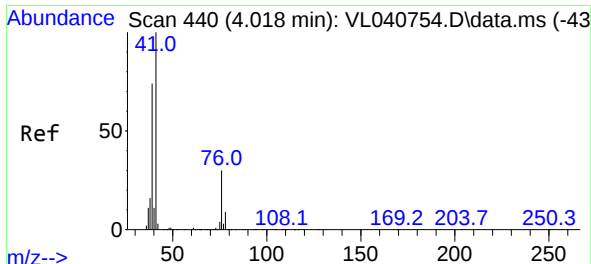
84 100

49 160.4 125.6 188.4

51 47.8 38.9 58.3

86 64.3 50.6 76.0

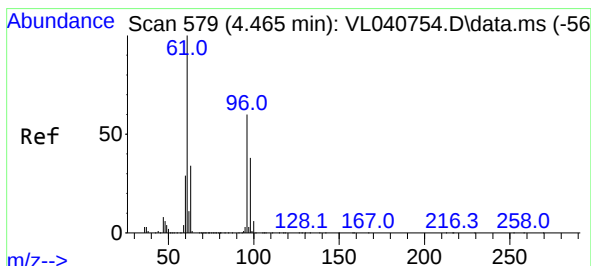
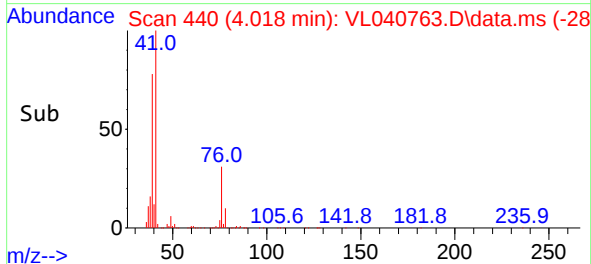
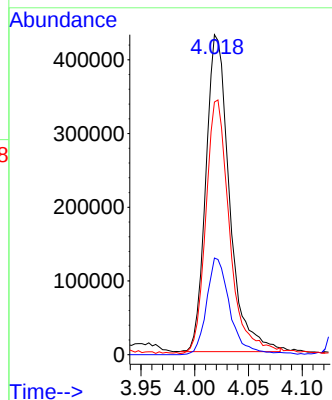
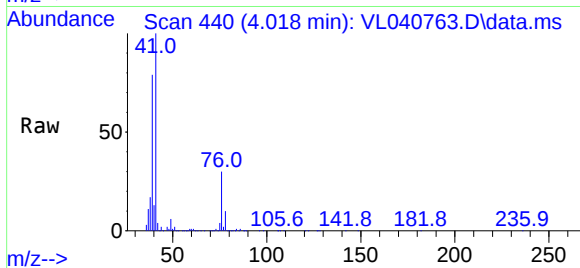




#21
 Allyl Chloride
 Concen: 9.800 ppbv
 RT: 4.018 min Scan# 44
 Delta R.T. 0.000 min
 Lab File: VL040763.D
 Acq: 11 Oct 2023 19:21

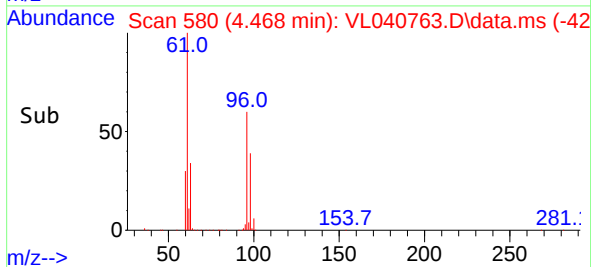
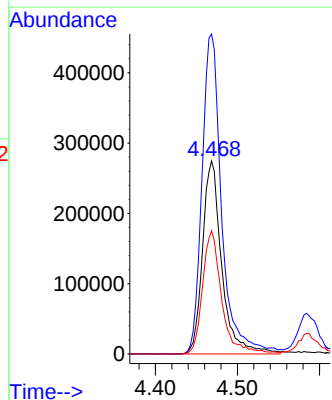
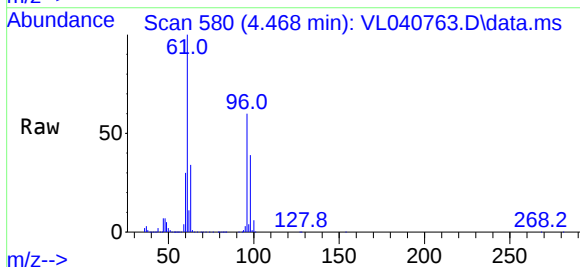
Instrument :
 MSVOA_L
 ClientSampleId :

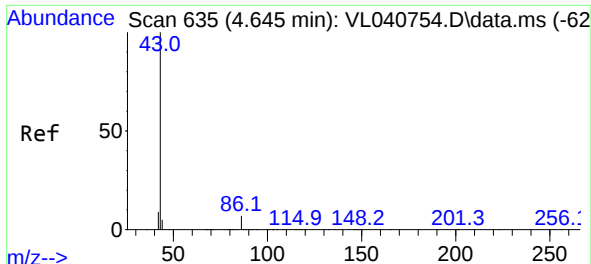
Tgt Ion: 41 Resp: 659080
 Ion Ratio Lower Upper
 41 100
 76 30.5 24.1 36.1
 39 81.7 63.8 95.6



#22
 trans-1,2-Dichloroethene
 Concen: 9.832 ppbv
 RT: 4.468 min Scan# 580
 Delta R.T. 0.003 min
 Lab File: VL040763.D
 Acq: 11 Oct 2023 19:21

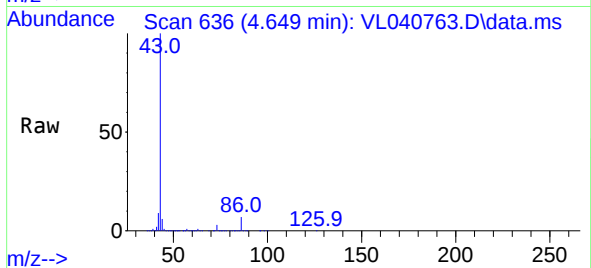
Tgt Ion: 96 Resp: 448461
 Ion Ratio Lower Upper
 96 100
 61 165.7 134.0 201.0
 98 63.9 51.0 76.4





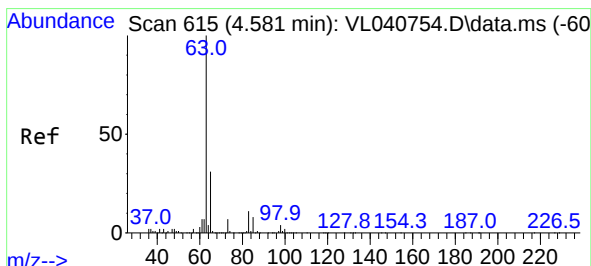
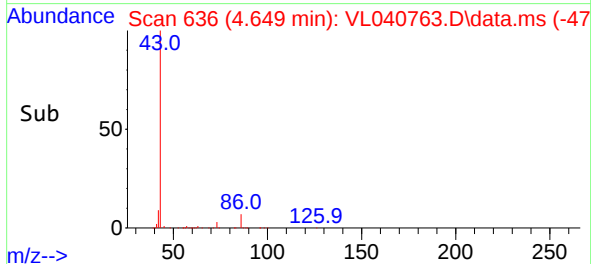
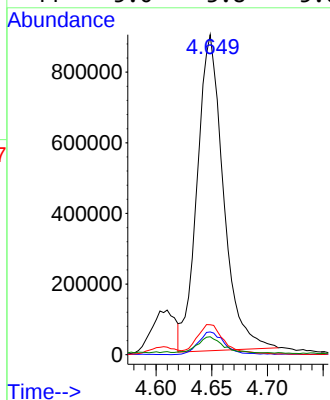
#23
 Vinyl Acetate
 Concen: 11.279 ppbv
 RT: 4.649 min Scan# 616
 Delta R.T. 0.003 min
 Lab File: VL040763.D
 Acq: 11 Oct 2023 19:21

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 43 Resp: 1465816

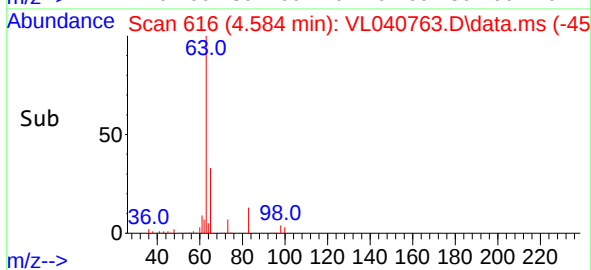
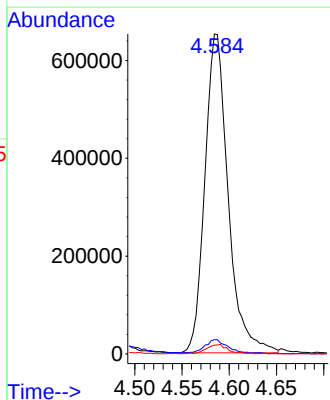
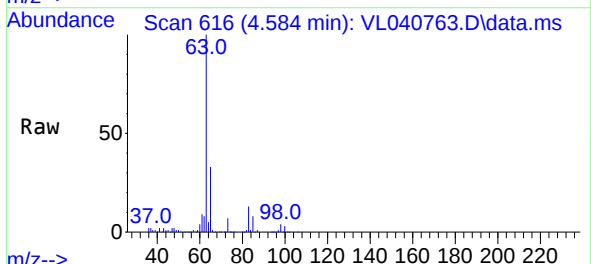
Ion	Ratio	Lower	Upper
43	100		
86	7.1	4.9	7.3
42	9.3	7.8	11.6
44	5.0	3.8	5.6

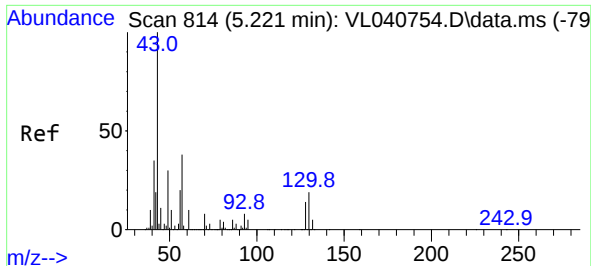


#24
 1,1-Dichloroethane
 Concen: 11.375 ppbv
 RT: 4.584 min Scan# 616
 Delta R.T. 0.003 min
 Lab File: VL040763.D
 Acq: 11 Oct 2023 19:21

Tgt Ion: 63 Resp: 1114943

Ion	Ratio	Lower	Upper
63	100		
98	4.3	2.0	5.8
100	2.7	1.3	3.8



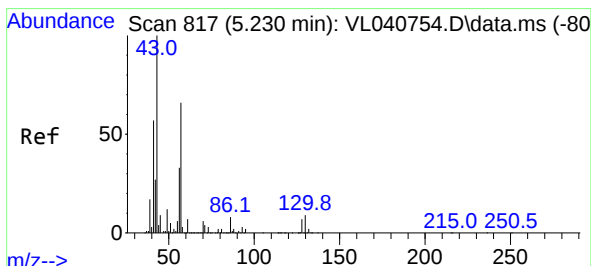
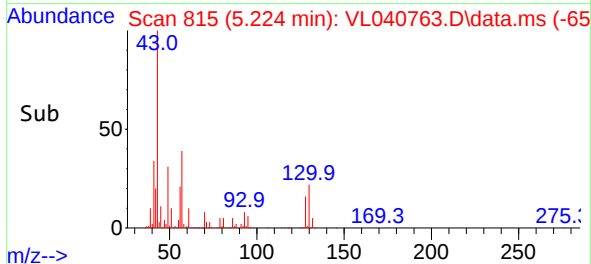
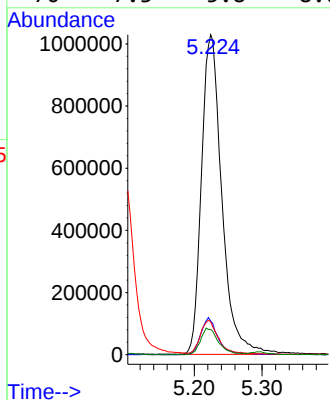
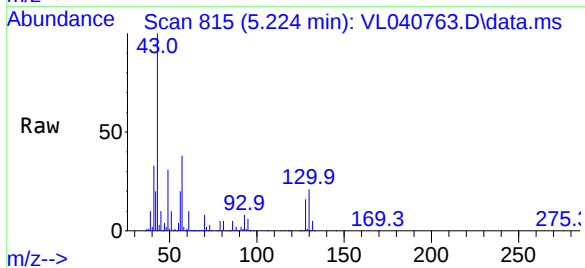


#25
Ethyl Acetate
Concen: 9.606 ppbv
RT: 5.224 min Scan# 814
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 2146323

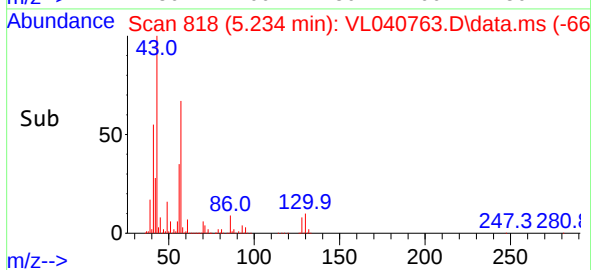
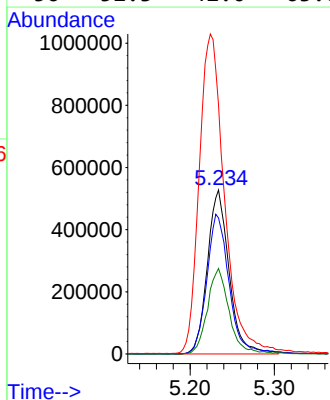
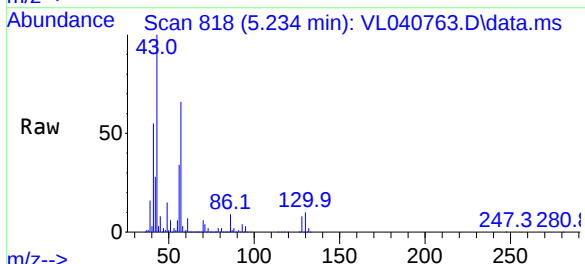
Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.2	12.4
61	9.6	8.2	12.2
70	7.3	5.8	8.6

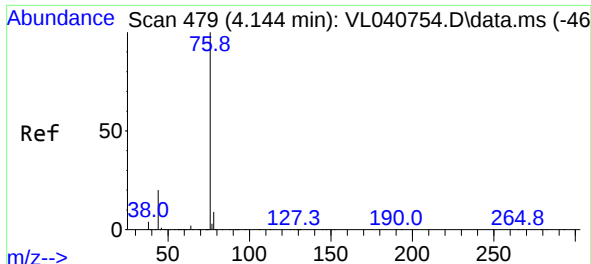


#26
Hexane
Concen: 9.256 ppbv
RT: 5.234 min Scan# 818
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Tgt Ion: 57 Resp: 945175

Ion	Ratio	Lower	Upper
57	100		
41	87.9	71.4	107.2
43	228.7	182.3	273.5
56	52.3	42.0	63.0

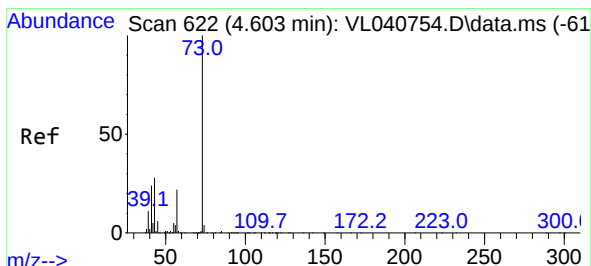
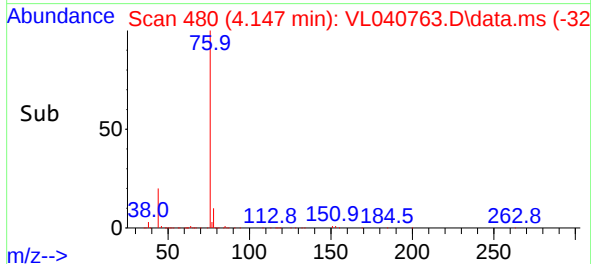
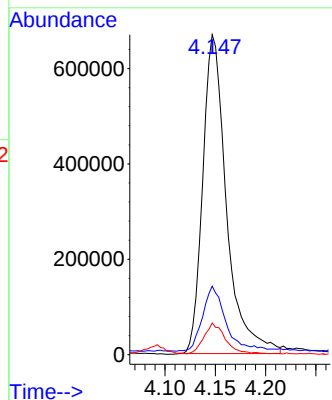
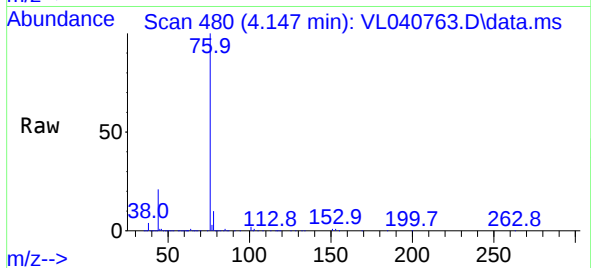




#27
Carbon Disulfide
Concen: 9.754 ppbv
RT: 4.147 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

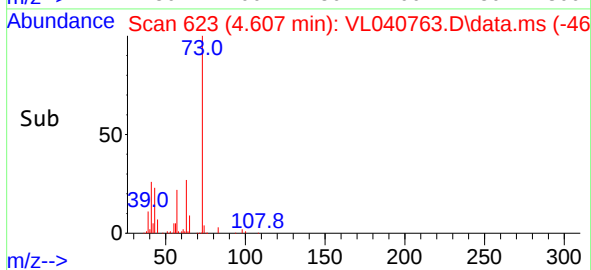
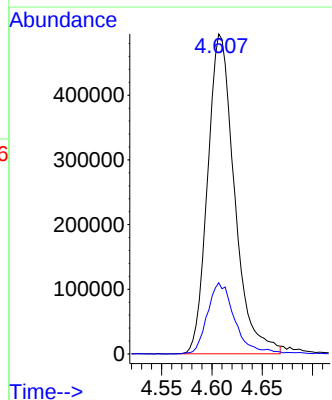
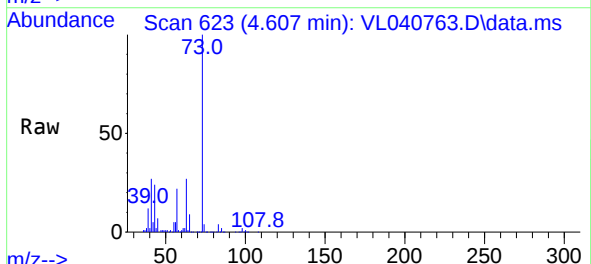
Instrument :
MSVOA_L
ClientSampleId :

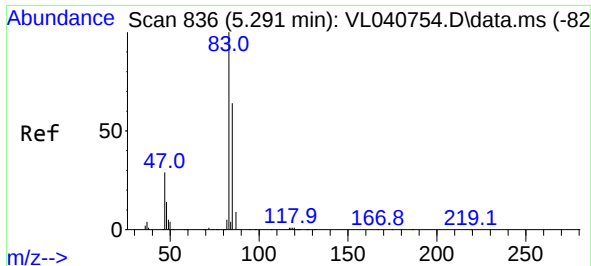
Tgt Ion: 76 Resp: 1098950
Ion Ratio Lower Upper
76 100
44 20.6 16.6 25.0
78 9.5 7.8 11.6



#28
Methyl tert-Butyl Ether
Concen: 11.558 ppbv
RT: 4.607 min Scan# 623
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Tgt Ion: 73 Resp: 917762
Ion Ratio Lower Upper
73 100
57 23.2 18.9 28.3





#29

Chloroform

Concen: 9.901 ppbv

RT: 5.295 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL040763.D

Acq: 11 Oct 2023 19:21

Instrument :

MSVOA_L

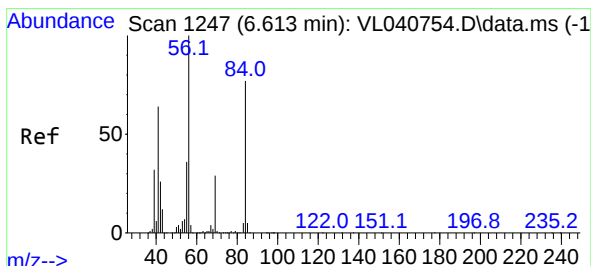
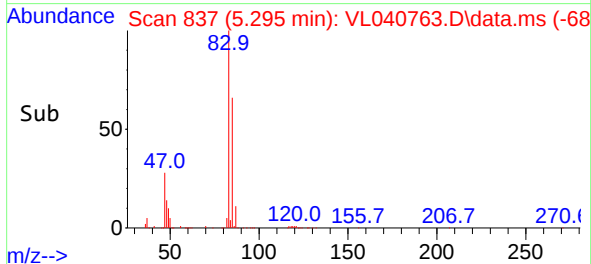
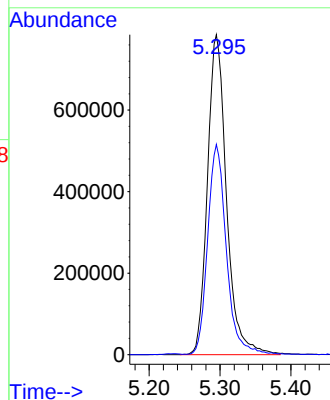
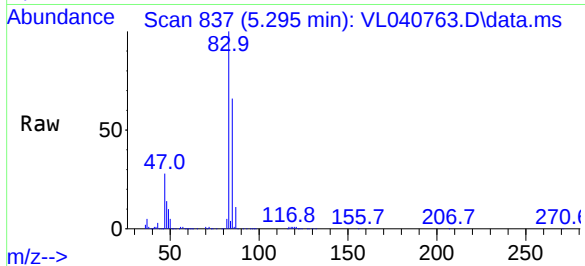
ClientSampleId :

Tgt Ion: 83 Resp: 1462884

Ion Ratio Lower Upper

83 100

85 65.5 51.3 76.9



#30

Cyclohexane

Concen: 9.672 ppbv

RT: 6.616 min Scan# 1248

Delta R.T. 0.003 min

Lab File: VL040763.D

Acq: 11 Oct 2023 19:21

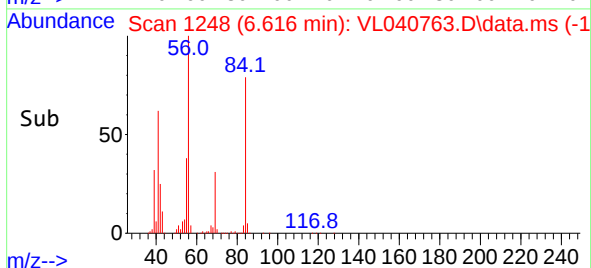
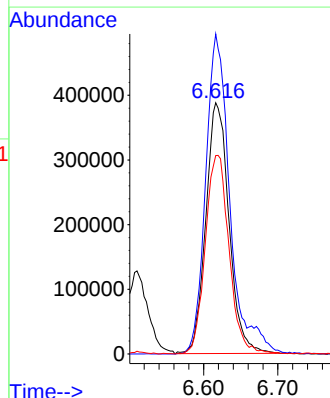
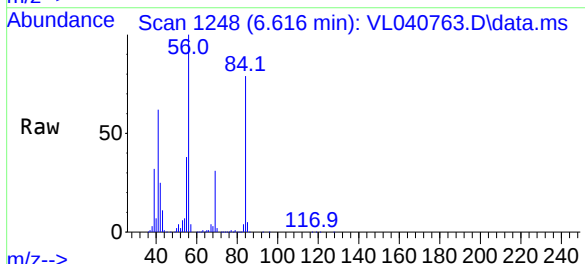
Tgt Ion: 84 Resp: 840440

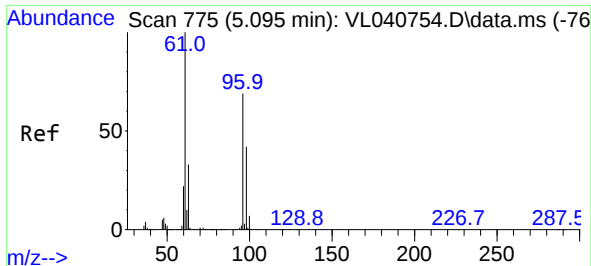
Ion Ratio Lower Upper

84 100

56 133.8 110.3 165.5

41 81.8 67.4 101.2

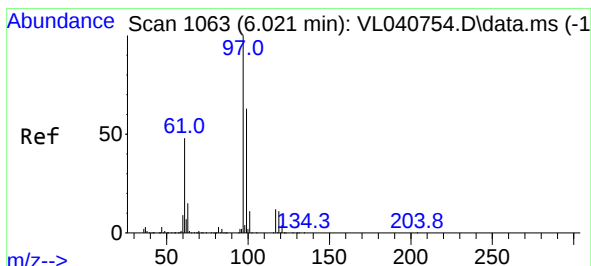
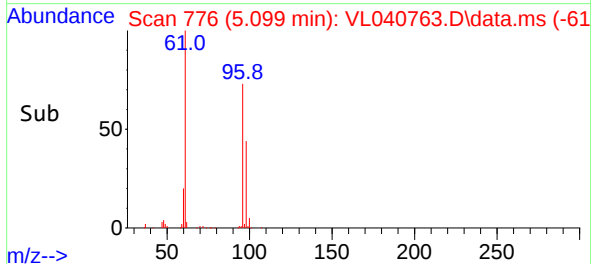
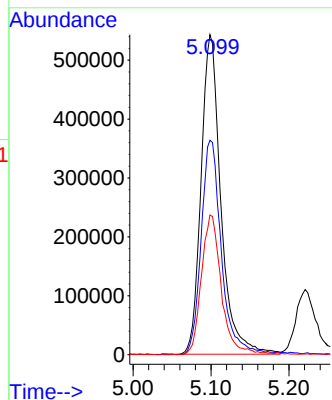
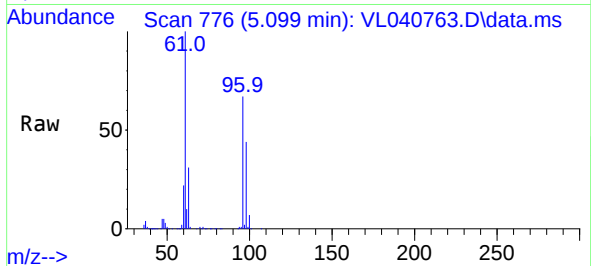




#31
 cis-1,2-Dichloroethene
 Concen: 10.215 ppbv
 RT: 5.099 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL040763.D
 Acq: 11 Oct 2023 19:21

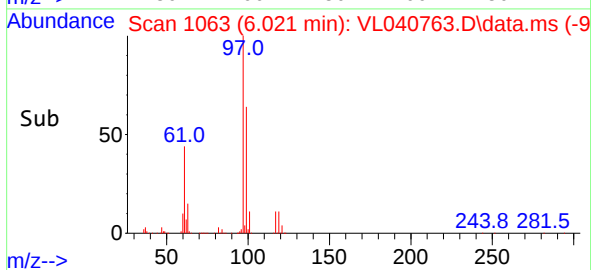
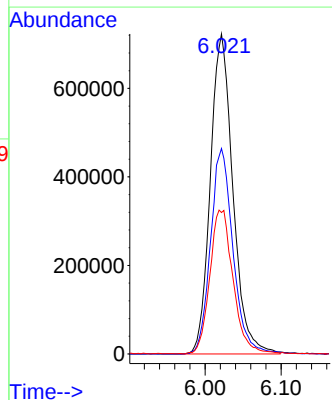
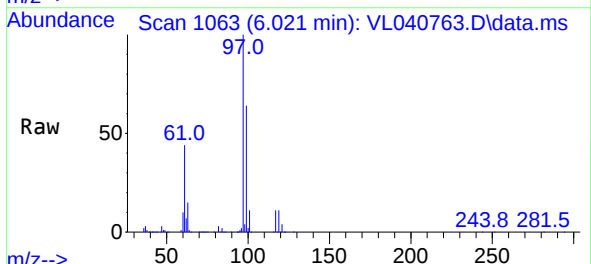
Instrument :
 MSVOA_L
 ClientSampleId :

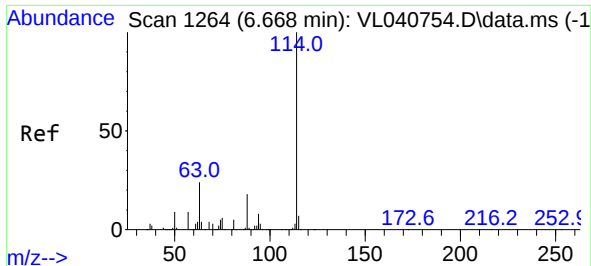
Tgt Ion: 61 Resp: 961290
 Ion Ratio Lower Upper
 61 100
 96 67.0 55.1 82.7
 98 43.6 33.5 50.3



#32
 1,1,1-Trichloroethane
 Concen: 9.475 ppbv
 RT: 6.021 min Scan# 1063
 Delta R.T. 0.000 min
 Lab File: VL040763.D
 Acq: 11 Oct 2023 19:21

Tgt Ion: 97 Resp: 1489969
 Ion Ratio Lower Upper
 97 100
 99 64.2 51.8 77.6
 61 46.7 38.6 58.0

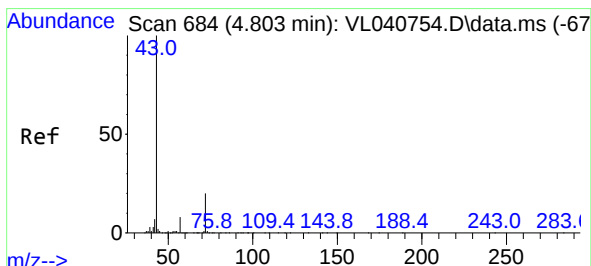
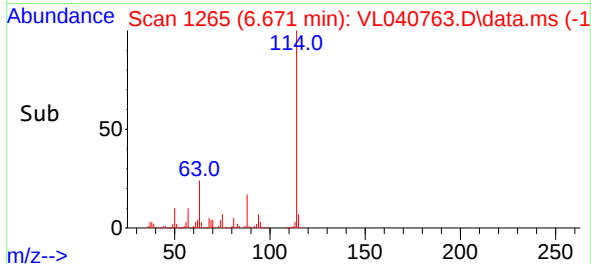
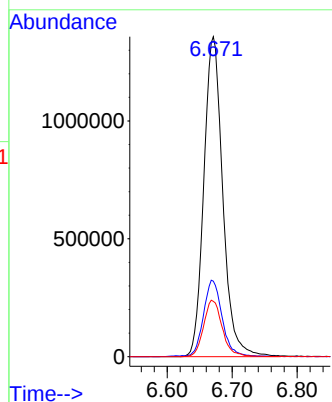
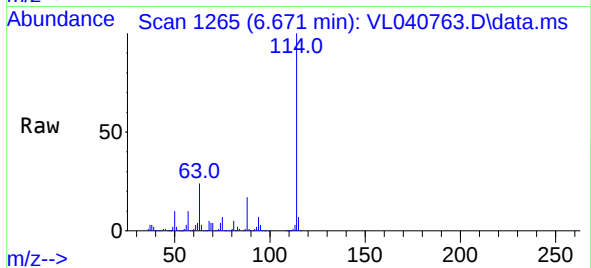




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.671 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

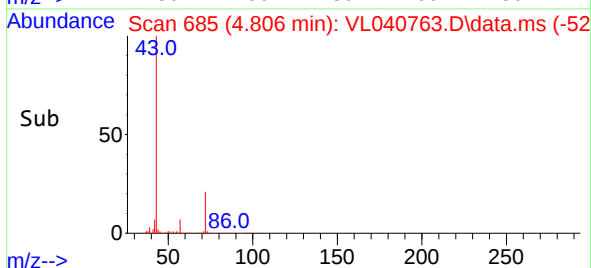
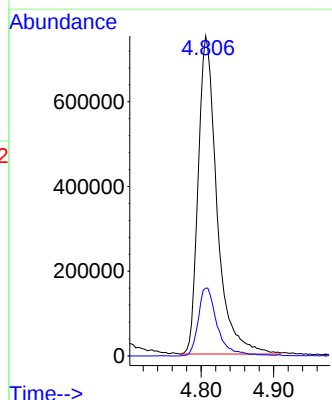
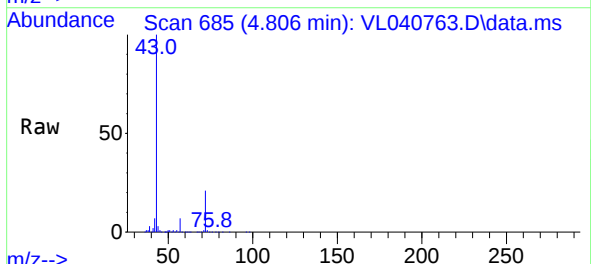
Instrument :
MSVOA_L
ClientSampleId :

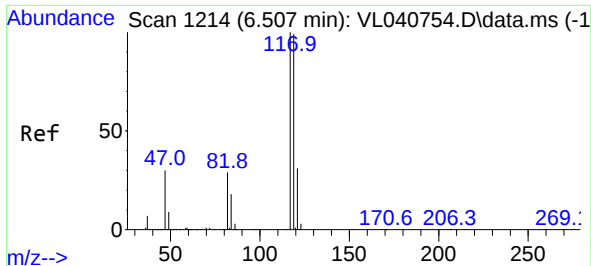
Tgt Ion:114 Resp: 2755451
Ion Ratio Lower Upper
114 100
63 23.9 19.8 29.6
88 17.4 14.2 21.2



#34
2-Butanone
Concen: 10.819 ppbv
RT: 4.806 min Scan# 685
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

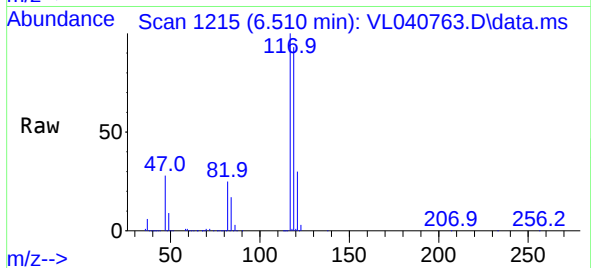
Tgt Ion: 43 Resp: 1349341
Ion Ratio Lower Upper
43 100
72 22.0 16.8 25.2



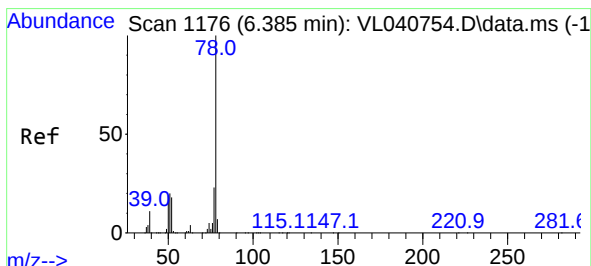
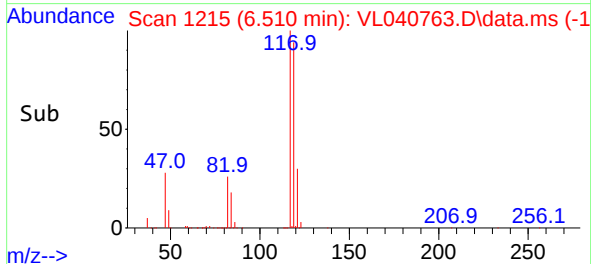
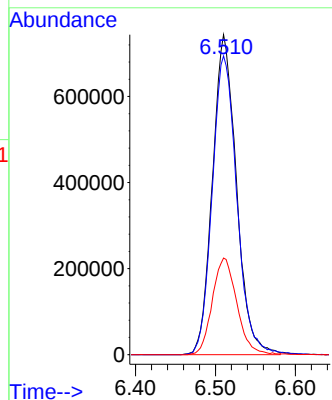


#35
Carbon Tetrachloride
Concen: 9.994 ppbv
RT: 6.510 min Scan# 117
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Instrument :
MSVOA_L
ClientSampleId :

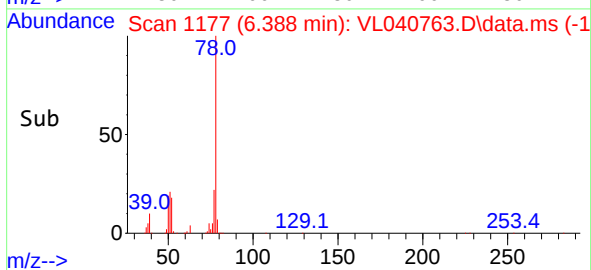
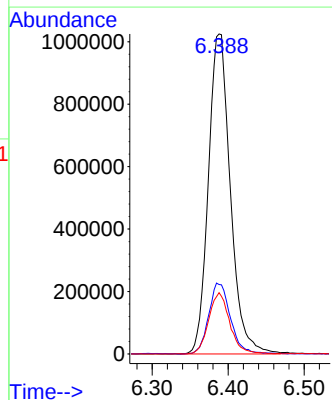
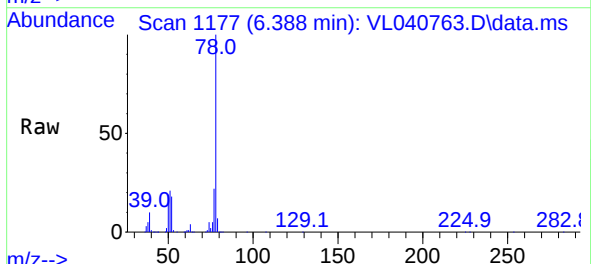


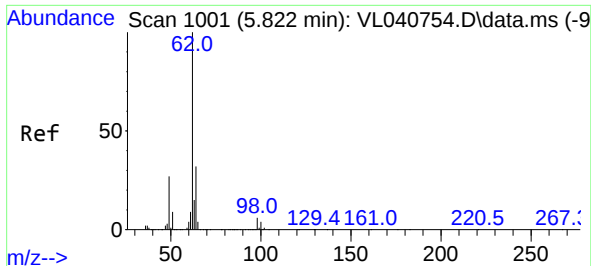
Tgt Ion:117 Resp: 1545610
Ion Ratio Lower Upper
117 100
119 93.4 79.4 119.0
121 30.2 25.0 37.4



#36
Benzene
Concen: 9.725 ppbv
RT: 6.388 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Tgt Ion: 78 Resp: 2061106
Ion Ratio Lower Upper
78 100
77 21.7 18.4 27.6
50 19.1 15.0 22.4

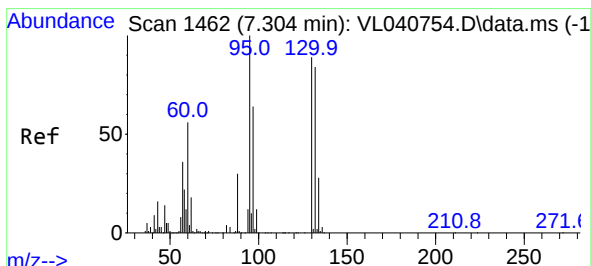
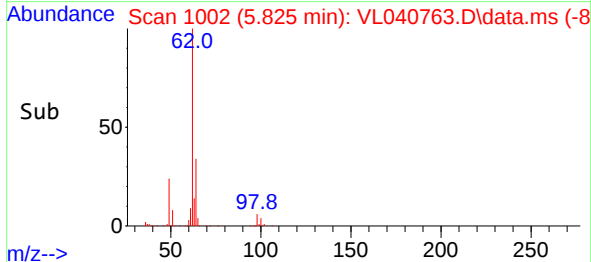
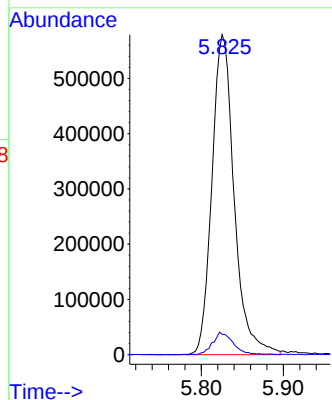
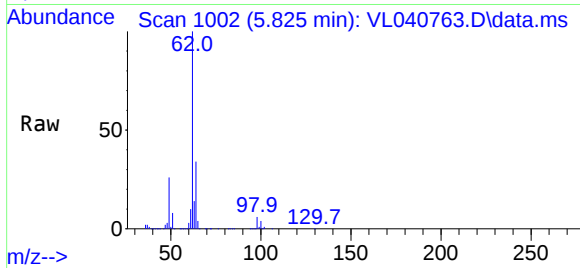




#37
1,2-Dichloroethane
Concen: 10.057 ppbv
RT: 5.825 min Scan# 1001
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

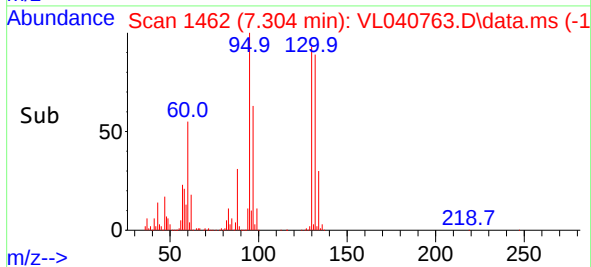
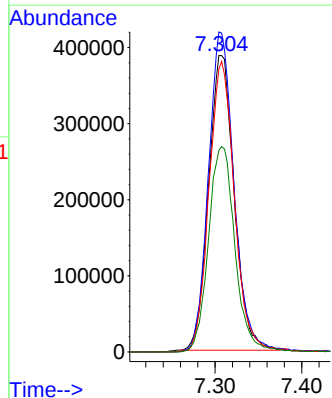
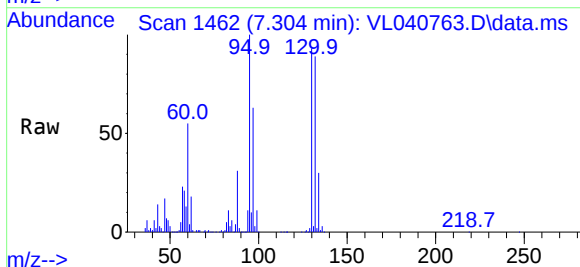
Instrument :
MSVOA_L
ClientSampleId :

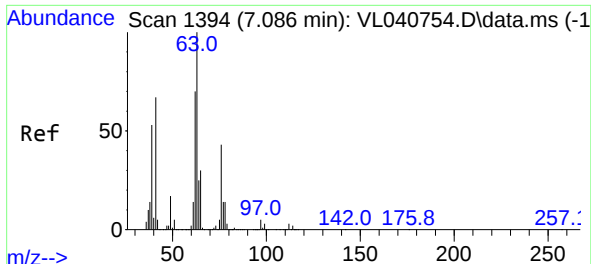
Tgt Ion: 62 Resp: 1091616
Ion Ratio Lower Upper
62 100
98 6.6 5.4 8.0



#38
Trichloroethene
Concen: 8.501 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.000 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Tgt Ion:130 Resp: 797349
Ion Ratio Lower Upper
130 100
95 108.4 89.4 134.2
132 95.9 74.8 112.2
97 68.4 57.2 85.8

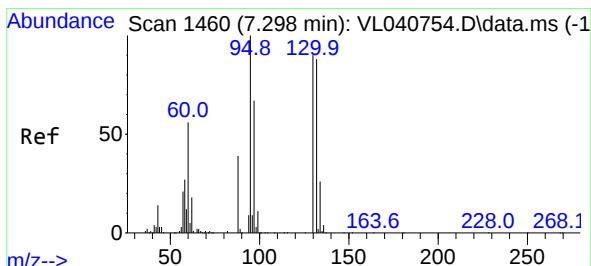
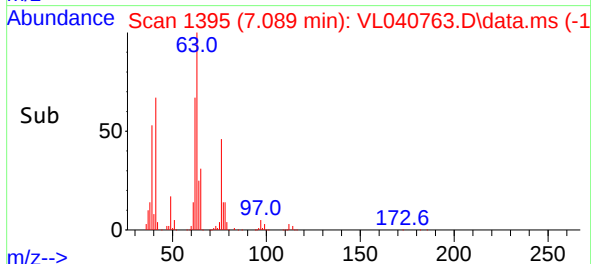
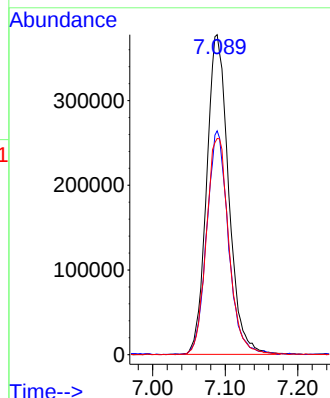
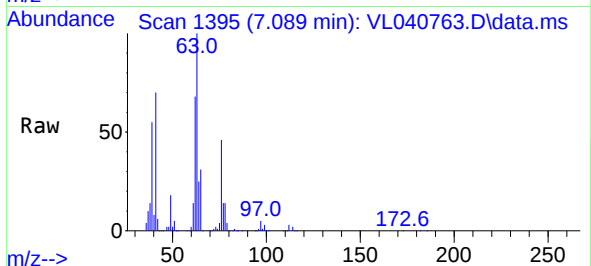




#39
1,2-Dichloropropane
Concen: 9.580 ppbv
RT: 7.089 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

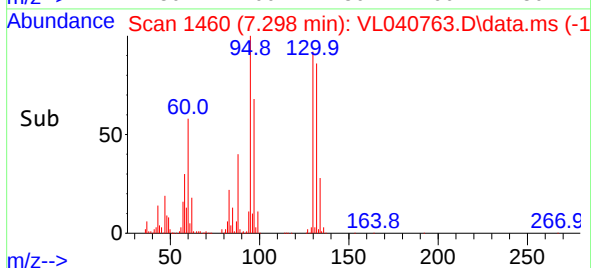
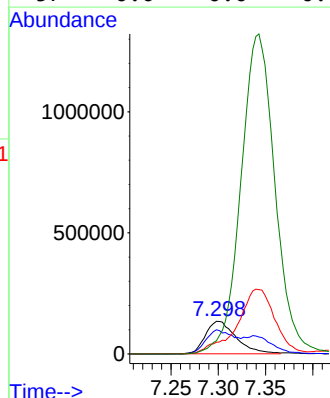
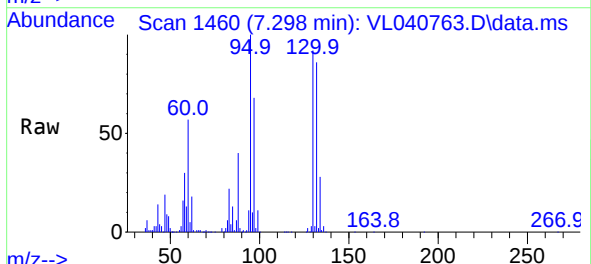
Instrument :
MSVOA_L
ClientSampleId :

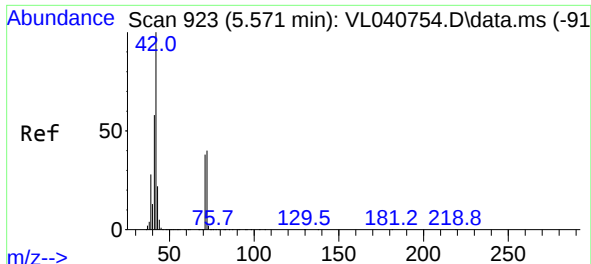
Tgt Ion: 63 Resp: 793240
Ion Ratio Lower Upper
63 100
41 69.9 53.7 80.5
62 67.6 55.7 83.5



#40
1,4-Dioxane
Concen: 9.660 ppbv
RT: 7.298 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Tgt Ion: 88 Resp: 302704
Ion Ratio Lower Upper
88 100
58 121.6 100.0 150.0
43 0.0 0.0 0.0
57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 9.843 ppbv

RT: 5.575 min Scan# 91

Delta R.T. 0.003 min

Lab File: VL040763.D

Acq: 11 Oct 2023 19:21

Instrument :

MSVOA_L

ClientSampleId :

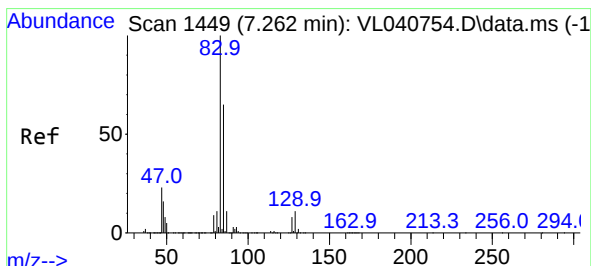
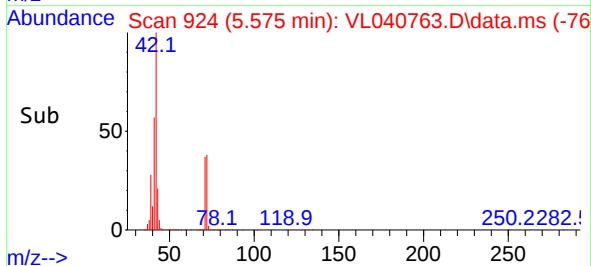
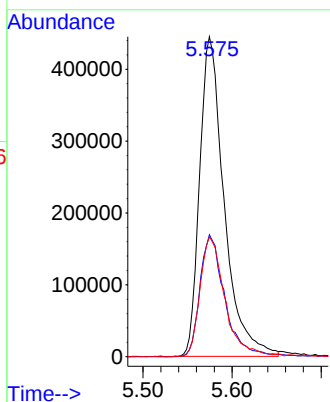
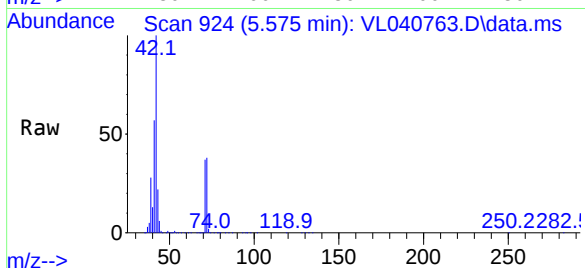
Tgt Ion: 42 Resp: 850153

Ion	Ratio	Lower	Upper
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42	100		
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72	39.1	31.1	46.7
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71	38.7	29.7	44.5
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#42

Bromodichloromethane

Concen: 10.021 ppbv

RT: 7.263 min Scan# 1449

Delta R.T. 0.000 min

Lab File: VL040763.D

Acq: 11 Oct 2023 19:21

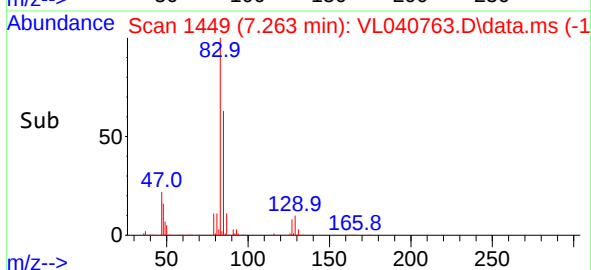
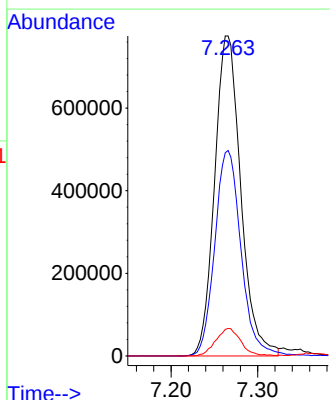
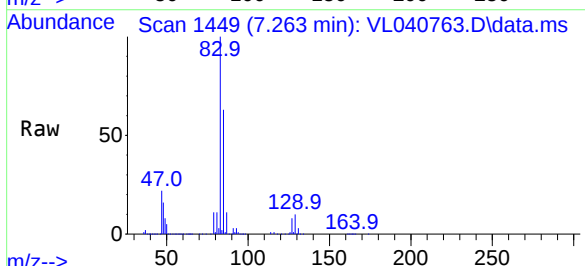
Tgt Ion: 83 Resp: 1629466

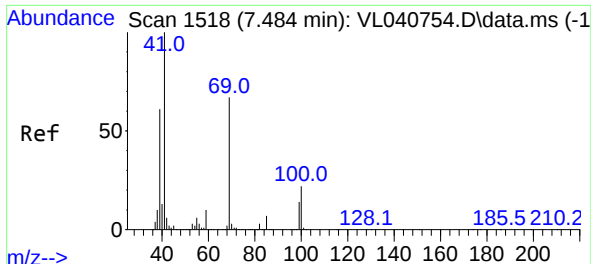
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

83	100		
----	-----	--	--

85	63.5	52.1	78.1
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127	8.3	6.7	10.1
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#43

Methyl Methacrylate

Concen: 9.939 ppbv

RT: 7.488 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL040763.D

Acq: 11 Oct 2023 19:21

Instrument :

MSVOA_L

ClientSampleId :

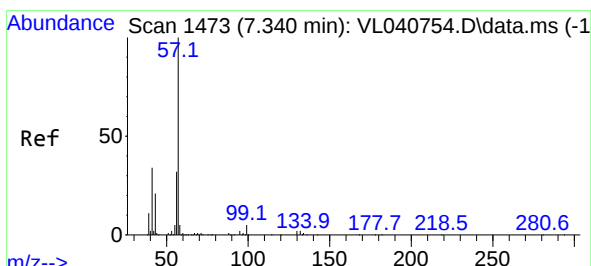
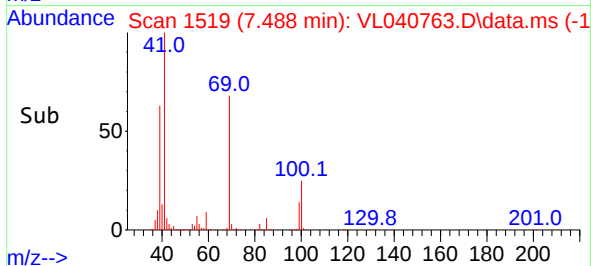
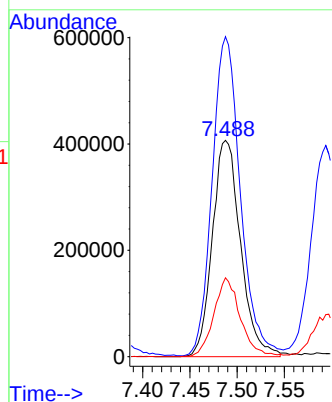
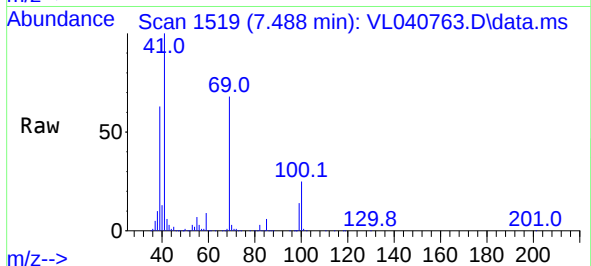
Tgt Ion: 69 Resp: 843200

Ion Ratio Lower Upper

69 100

41 148.4 120.6 181.0

100 34.3 27.1 40.7



#44

2,2,4-Trimethylpentane

Concen: 9.281 ppbv

RT: 7.343 min Scan# 1474

Delta R.T. 0.003 min

Lab File: VL040763.D

Acq: 11 Oct 2023 19:21

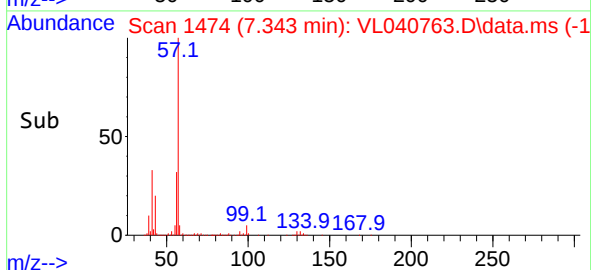
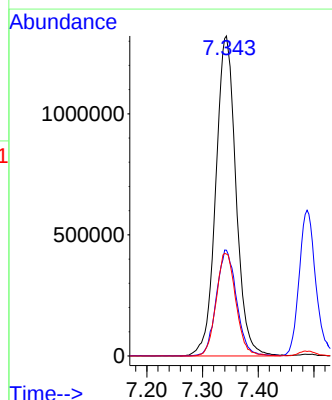
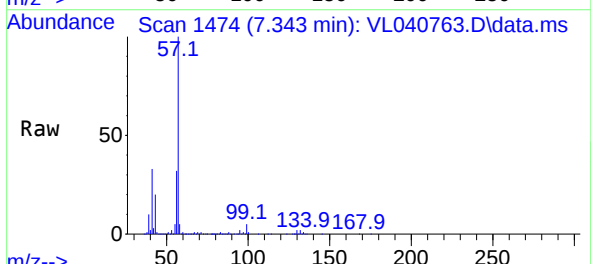
Tgt Ion: 57 Resp: 3326486

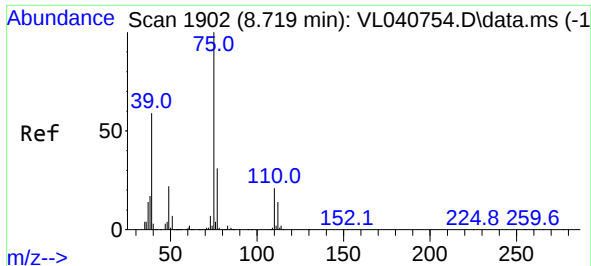
Ion Ratio Lower Upper

57 100

41 33.1 27.4 41.0

56 31.5 25.0 37.6

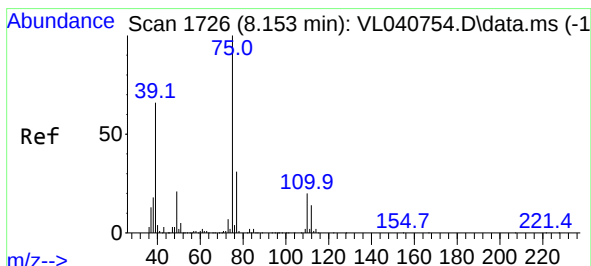
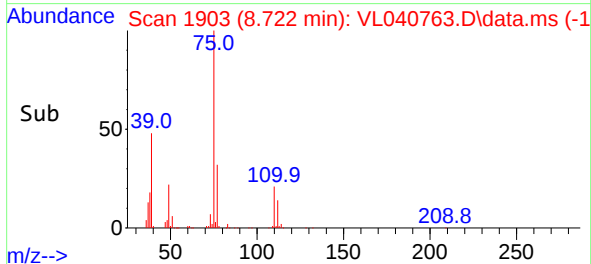
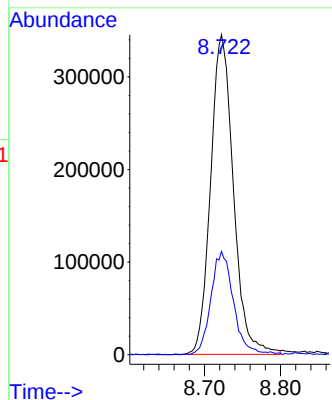
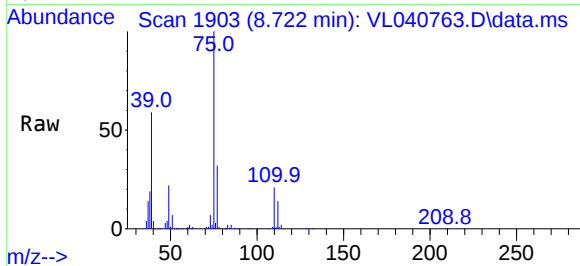




#45
 t-1,3-Dichloropropene
 Concen: 10.624 ppbv
 RT: 8.722 min Scan# 1902
 Delta R.T. 0.003 min
 Lab File: VL040763.D
 Acq: 11 Oct 2023 19:21

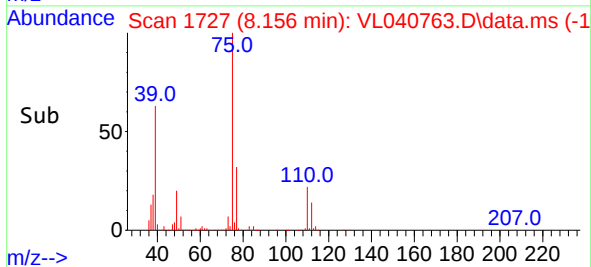
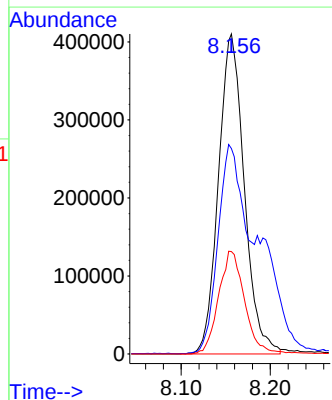
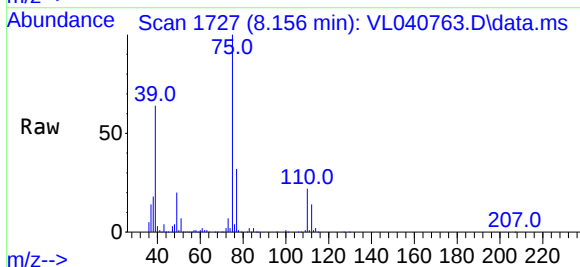
Instrument :
 MSVOA_L
 ClientSampleId :

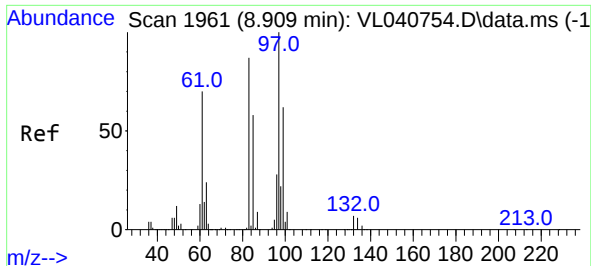
Tgt Ion: 75 Resp: 718759
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.9 37.3



#46
 cis-1,3-Dichloropropene
 Concen: 9.981 ppbv
 RT: 8.156 min Scan# 1727
 Delta R.T. 0.003 min
 Lab File: VL040763.D
 Acq: 11 Oct 2023 19:21

Tgt Ion: 75 Resp: 824956
 Ion Ratio Lower Upper
 75 100
 39 64.1 52.4 78.6
 77 32.0 25.1 37.7





#47

1,1,2-Trichloroethane

Concen: 9.770 ppbv

RT: 8.909 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VL040763.D

Acq: 11 Oct 2023 19:21

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 849813

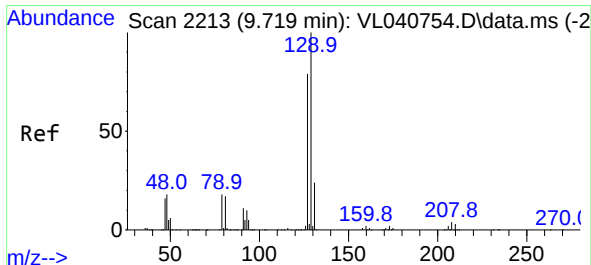
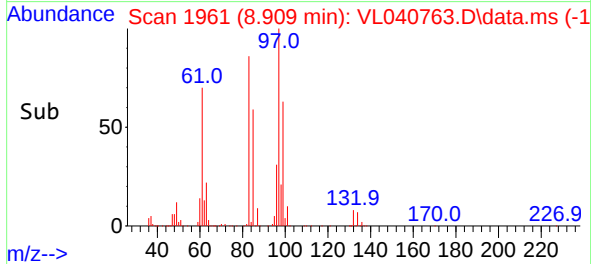
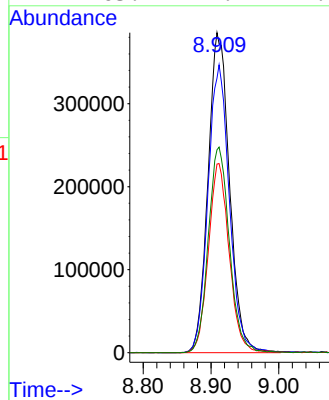
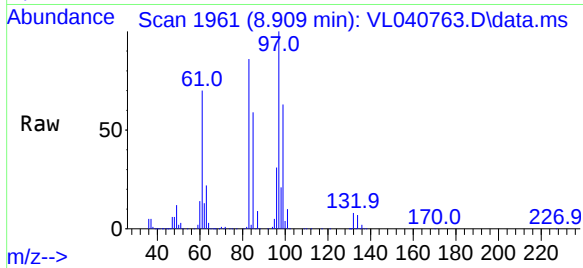
Ion Ratio Lower Upper

97 100

83 85.8 69.5 104.3

85 59.0 46.6 69.8

99 63.4 49.4 74.0



#48

Dibromochloromethane

Concen: 10.167 ppbv

RT: 9.722 min Scan# 2214

Delta R.T. 0.003 min

Lab File: VL040763.D

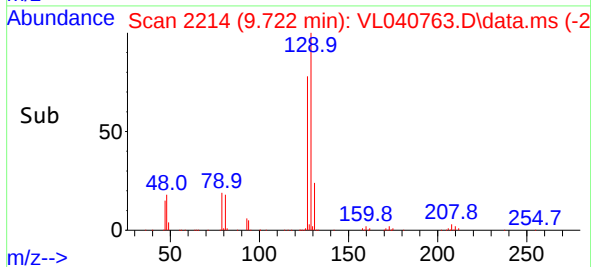
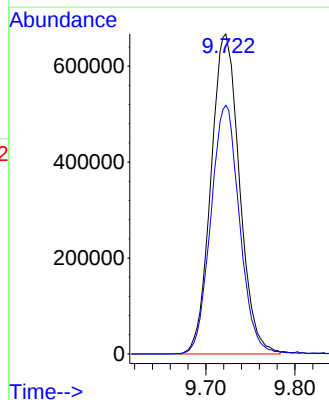
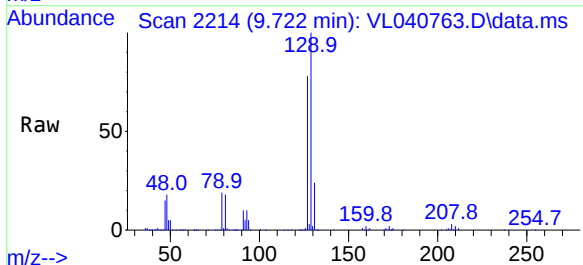
Acq: 11 Oct 2023 19:21

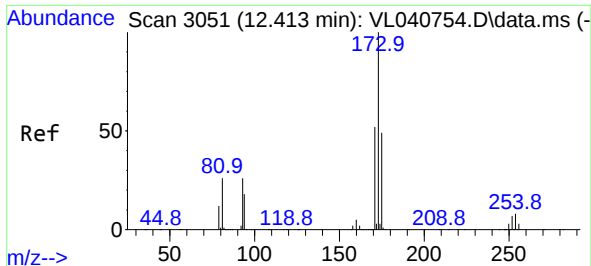
Tgt Ion: 129 Resp: 1481896

Ion Ratio Lower Upper

129 100

127 78.6 39.1 117.3

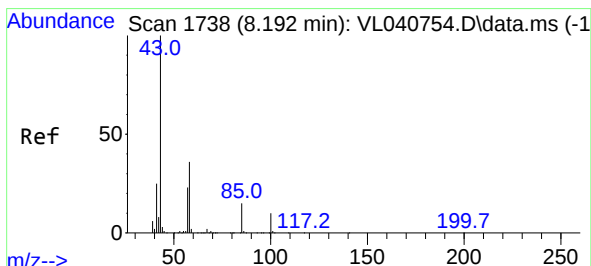
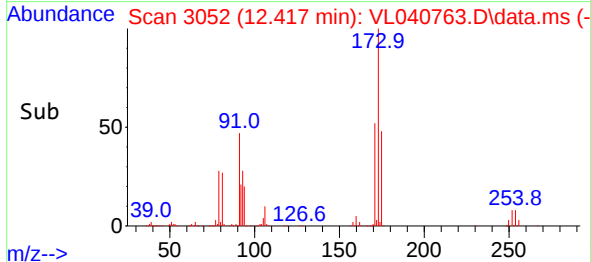
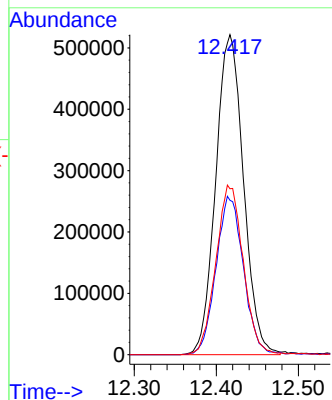
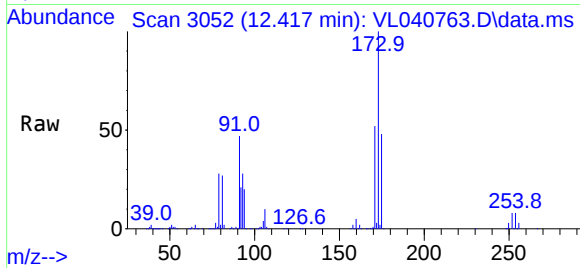




#49
Bromoform
Concen: 10.370 ppbv
RT: 12.417 min Scan# 3051
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

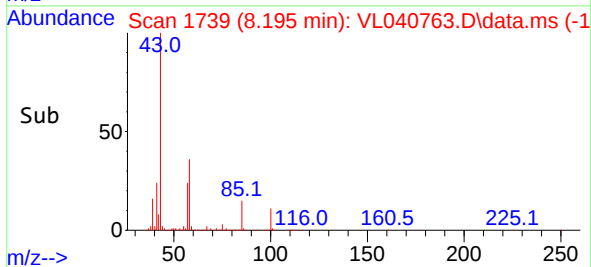
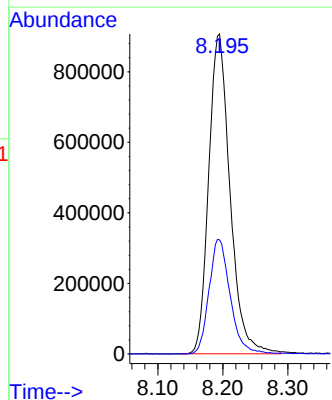
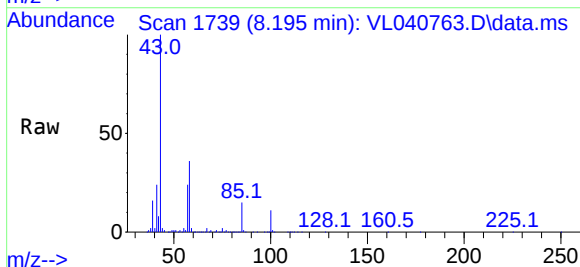
Instrument :
MSVOA_L
ClientSampleId :

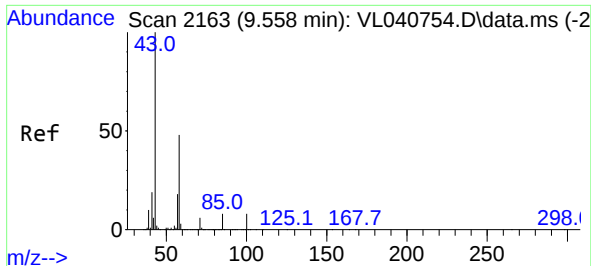
Tgt Ion:173 Resp: 1228788
Ion Ratio Lower Upper
173 100
175 49.2 39.2 58.8
171 52.6 42.0 63.0



#50
4-Methyl-2-Pentanone
Concen: 9.699 ppbv
RT: 8.195 min Scan# 1739
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

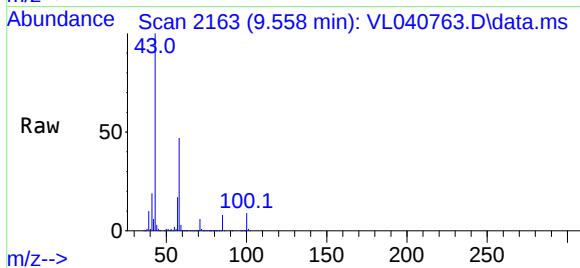
Tgt Ion: 43 Resp: 2069426
Ion Ratio Lower Upper
43 100
58 35.7 28.8 43.2





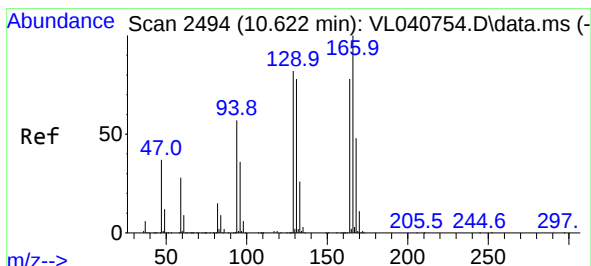
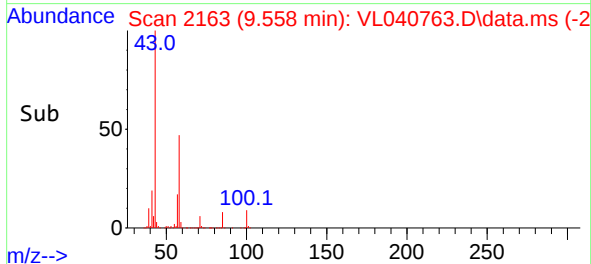
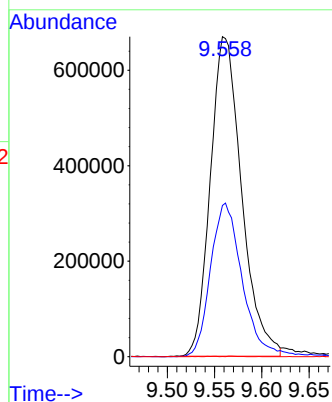
#51
2-Hexanone
Concen: 9.469 ppbv
RT: 9.558 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 43 Resp: 1537619

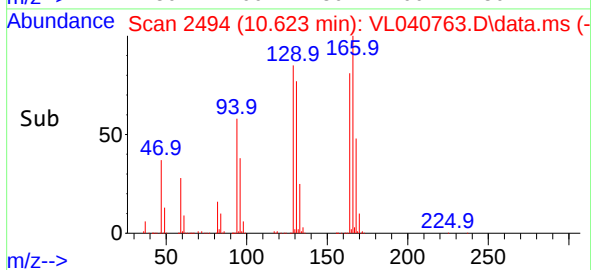
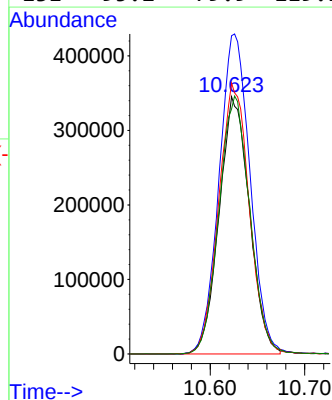
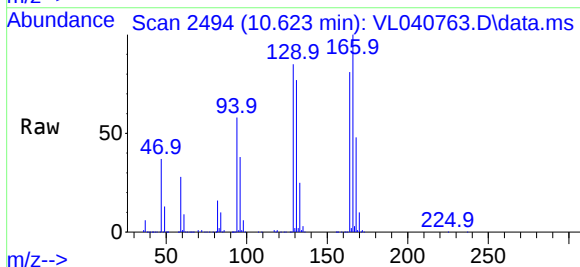
Ion	Ratio	Lower	Upper
43	100		
58	49.3	38.6	58.0
98	0.1	0.0	0.0

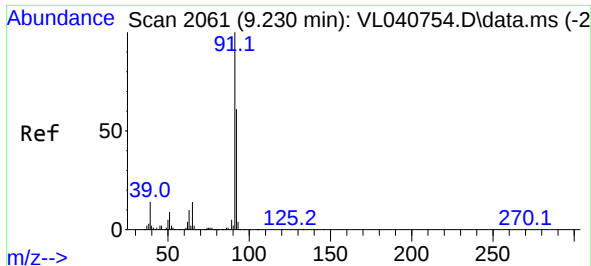


#52
Tetrachloroethene
Concen: 8.900 ppbv
RT: 10.623 min Scan# 2494
Delta R.T. 0.000 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Tgt Ion:164 Resp: 766173

Ion	Ratio	Lower	Upper
164	100		
166	123.7	102.4	153.6
129	105.2	84.2	126.4
131	95.2	79.9	119.9

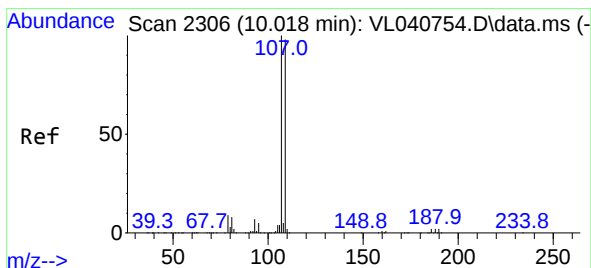
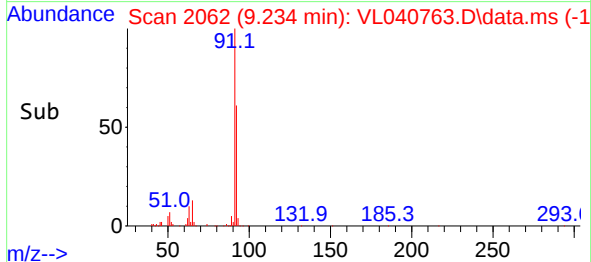
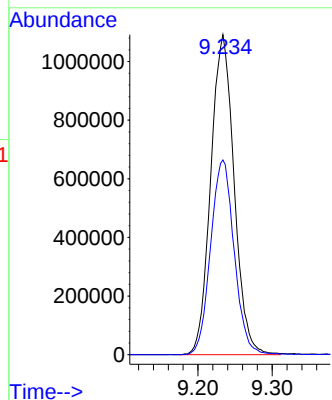
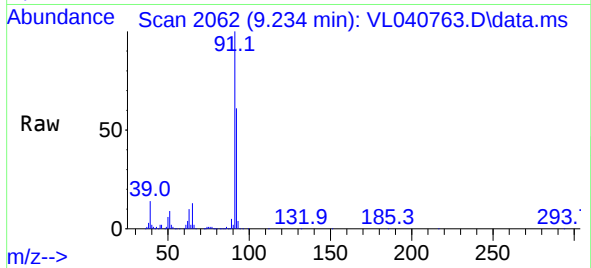




#53
Toluene
Concen: 9.466 ppbv
RT: 9.234 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

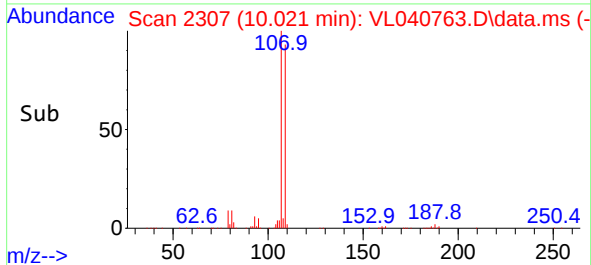
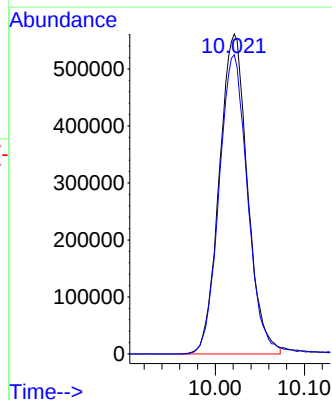
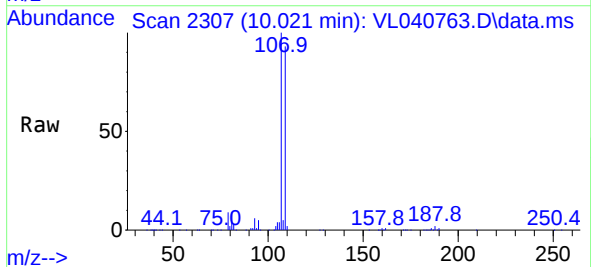
Instrument :
MSVOA_L
ClientSampleId :

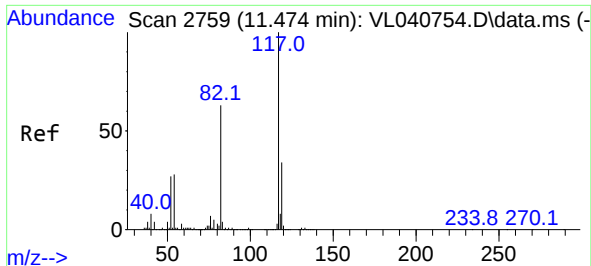
Tgt Ion: 91 Resp: 2387758
Ion Ratio Lower Upper
91 100
92 61.5 50.2 75.2



#54
1,2-Dibromoethane
Concen: 10.141 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

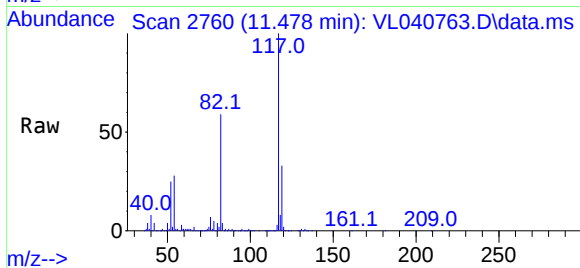
Tgt Ion: 107 Resp: 1236493
Ion Ratio Lower Upper
107 100
109 93.5 78.2 117.2



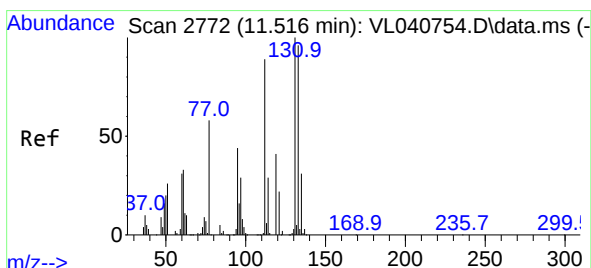
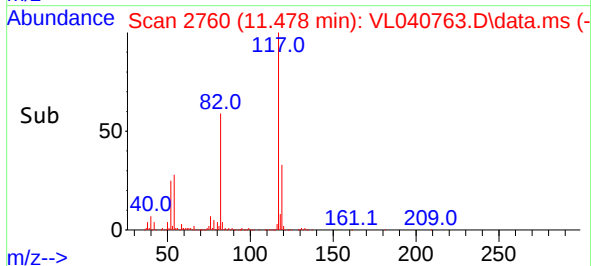
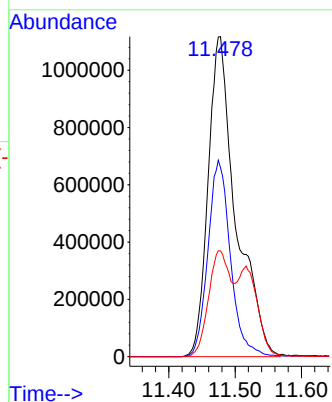


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Instrument :
MSVOA_L
ClientSampleId :

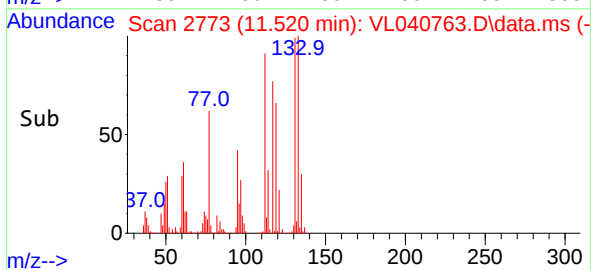
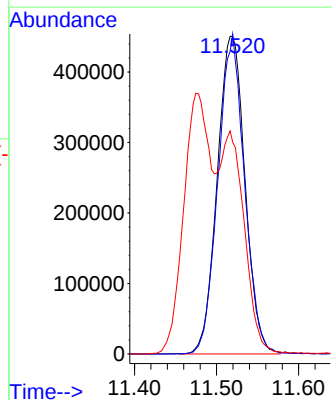
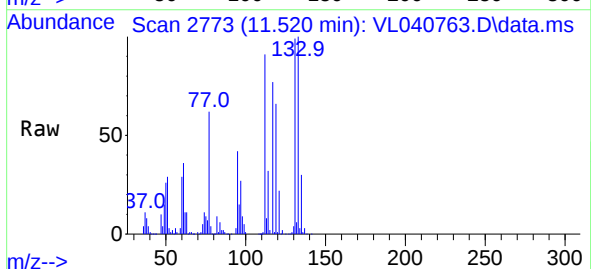


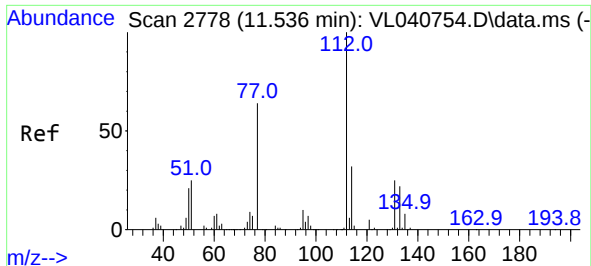
Tgt Ion:117 Resp: 3251722
Ion Ratio Lower Upper
117 100
82 50.2 46.6 70.0
119 27.4 26.0 39.0



#56
1,1,1,2-Tetrachloroethane
Concen: 7.977 ppbv
RT: 11.520 min Scan# 2773
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

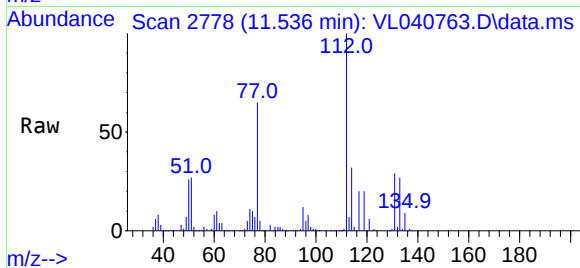
Tgt Ion:131 Resp: 1058660
Ion Ratio Lower Upper
131 100
133 96.0 75.0 112.6
119 61.2 45.4 68.0



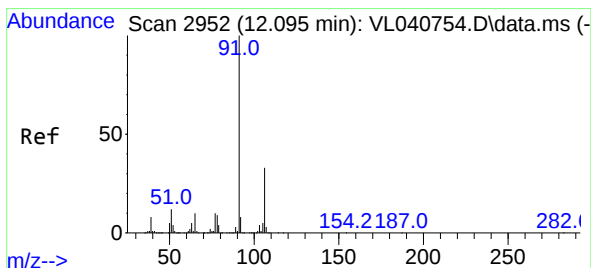
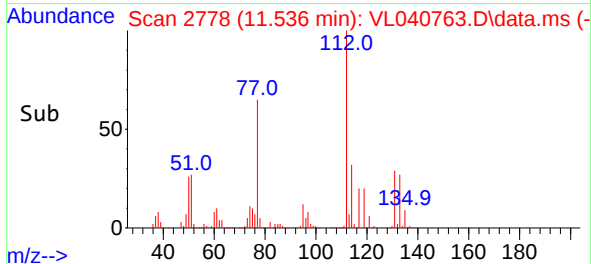
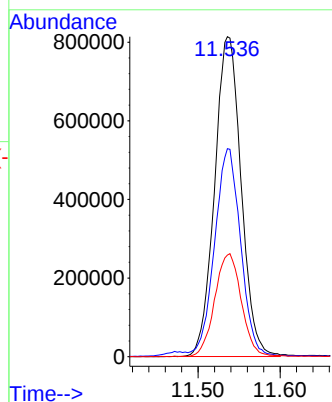


#57
Chlorobenzene
Concen: 7.856 ppbv
RT: 11.536 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Instrument :
MSVOA_L
ClientSampleId :

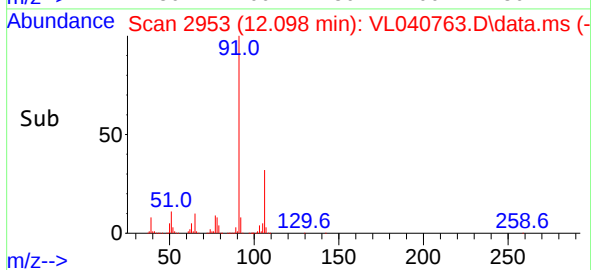
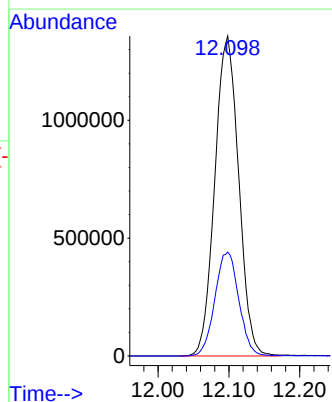
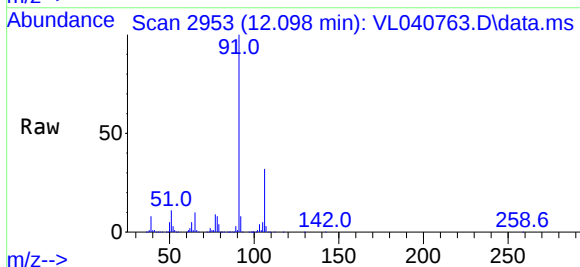


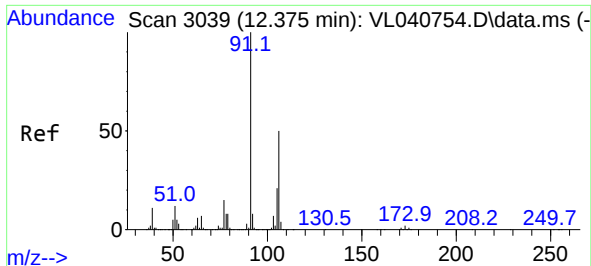
Tgt Ion:112 Resp: 1830255
Ion Ratio Lower Upper
112 100
77 64.6 51.9 77.9
114 31.6 28.6 35.0



#58
Ethyl Benzene
Concen: 7.746 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Tgt Ion: 91 Resp: 3171193
Ion Ratio Lower Upper
91 100
106 32.4 26.7 40.1





#59

m/p-Xylene

Concen: 9.089 ppbv

RT: 12.378 min Scan# 3039

Delta R.T. 0.003 min

Lab File: VL040763.D

Acq: 11 Oct 2023 19:21

Instrument :

MSVOA_L

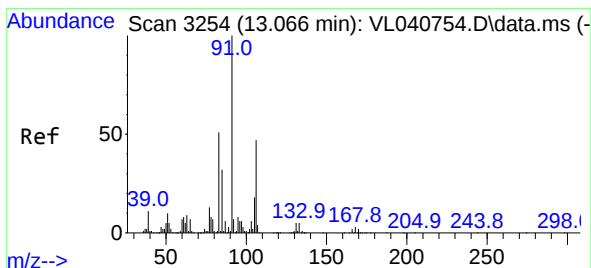
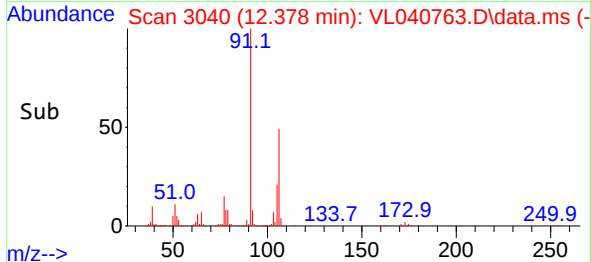
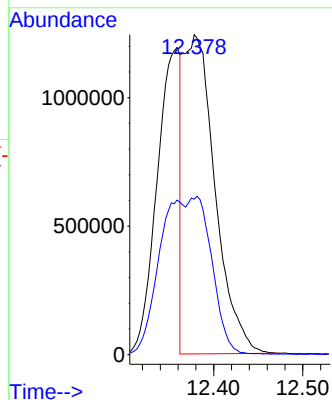
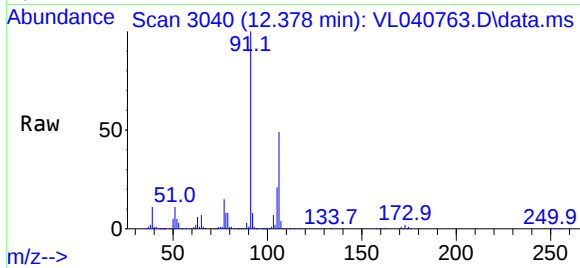
ClientSampleId :

Tgt Ion: 91 Resp: 3062529

Ion Ratio Lower Upper

91 100

106 80.5 37.7 56.5#



#60

o-Xylene

Concen: 7.709 ppbv

RT: 13.066 min Scan# 3254

Delta R.T. 0.000 min

Lab File: VL040763.D

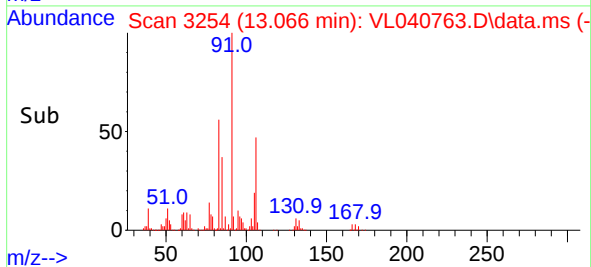
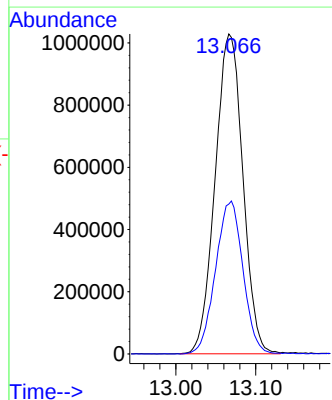
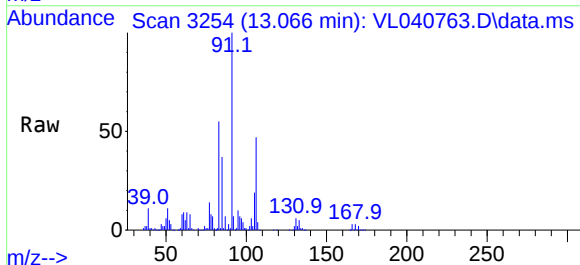
Acq: 11 Oct 2023 19:21

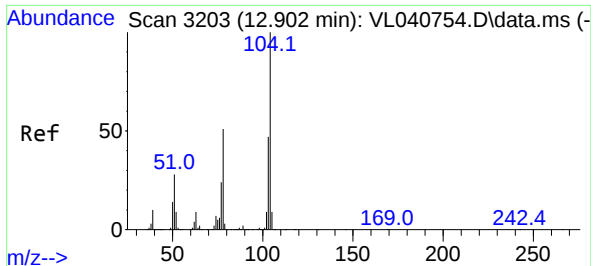
Tgt Ion: 91 Resp: 2475145

Ion Ratio Lower Upper

91 100

106 47.5 23.5 70.5

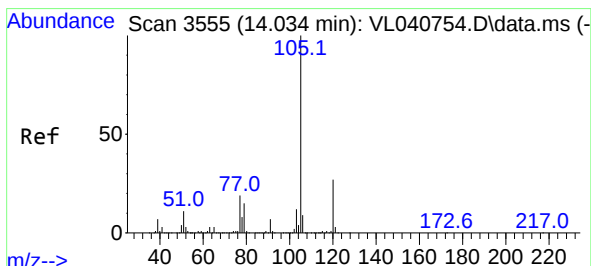
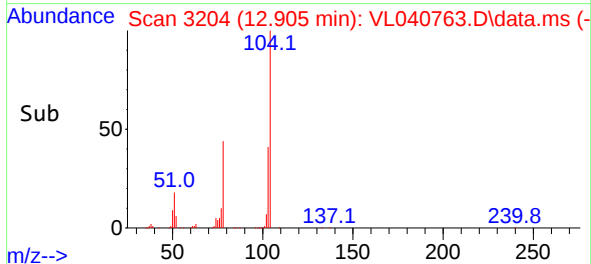
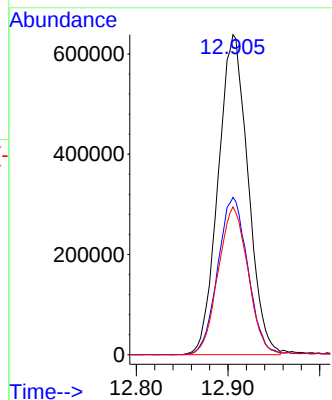
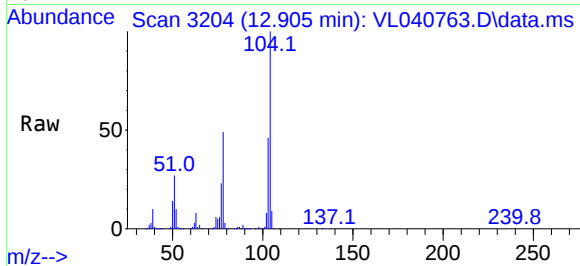




#61
Styrene
Concen: 8.120 ppbv
RT: 12.905 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

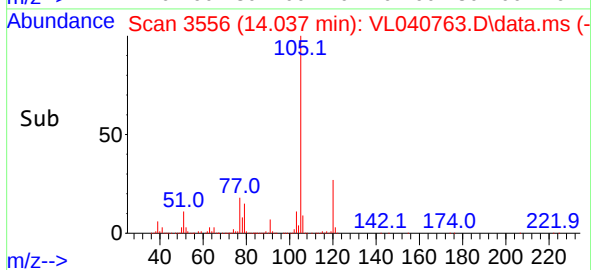
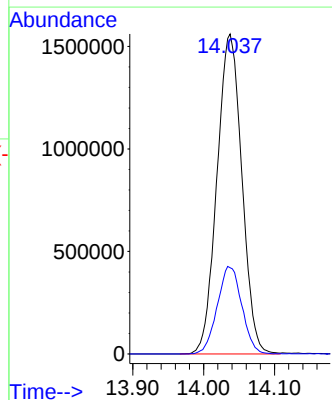
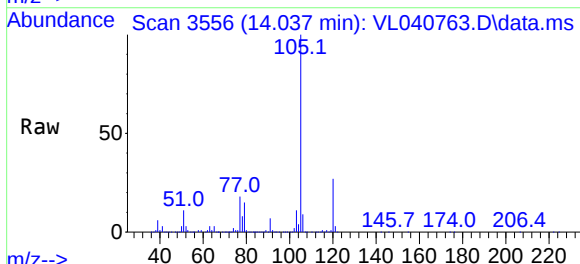
Instrument :
MSVOA_L
ClientSampleId :

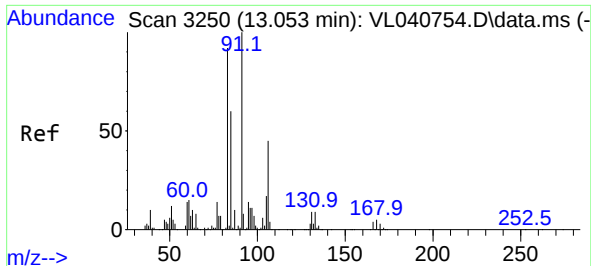
Tgt Ion:104 Resp: 1444438
Ion Ratio Lower Upper
104 100
78 50.0 39.8 59.6
103 46.5 37.5 56.3



#62
Isopropylbenzene
Concen: 7.705 ppbv
RT: 14.037 min Scan# 3556
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Tgt Ion:105 Resp: 3805764
Ion Ratio Lower Upper
105 100
120 27.0 21.5 32.3

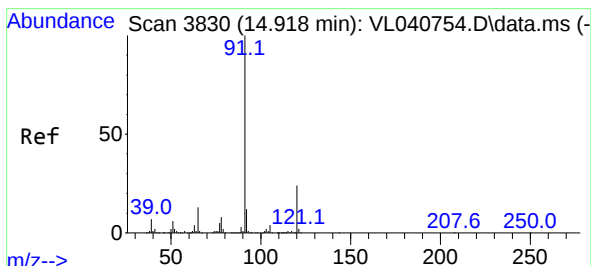
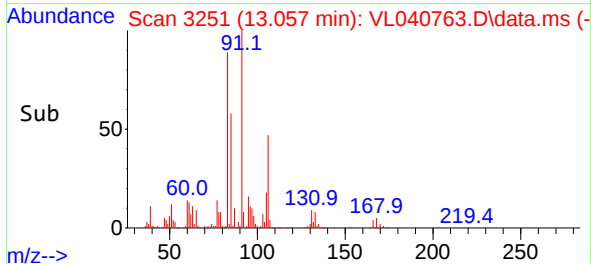
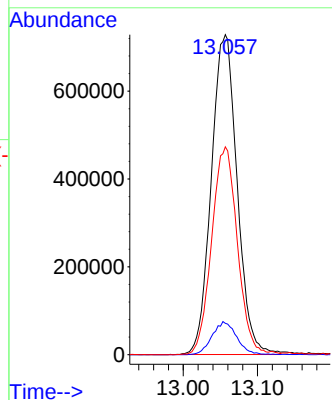
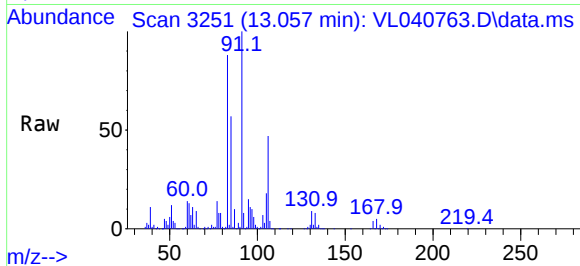




#63
1,1,2,2-Tetrachloroethane
Concen: 7.317 ppbv
RT: 13.057 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

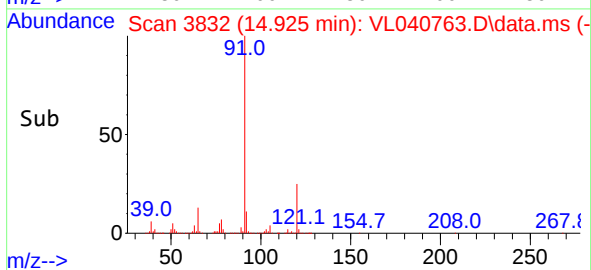
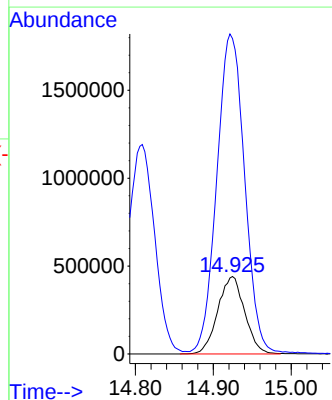
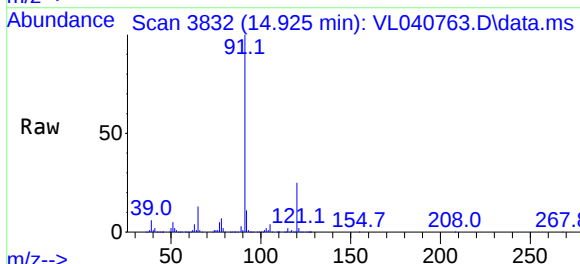
Instrument :
MSVOA_L
ClientSampleId :

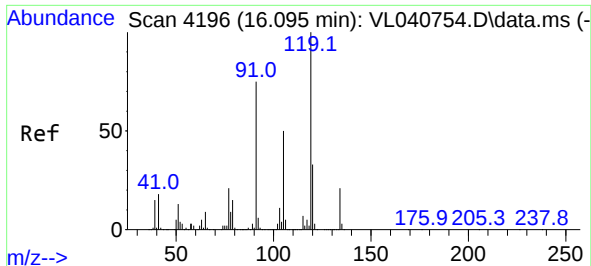
Tgt Ion: 83 Resp: 1761325
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.6
85 65.4 32.9 98.7



#64
n-propylbenzene
Concen: 7.957 ppbv
RT: 14.925 min Scan# 3832
Delta R.T. 0.007 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Tgt Ion:120 Resp: 1055786
Ion Ratio Lower Upper
120 100
91 429.8 345.9 518.9

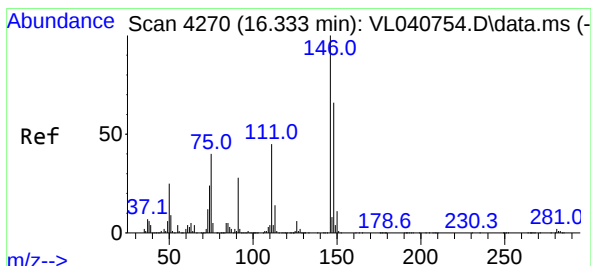
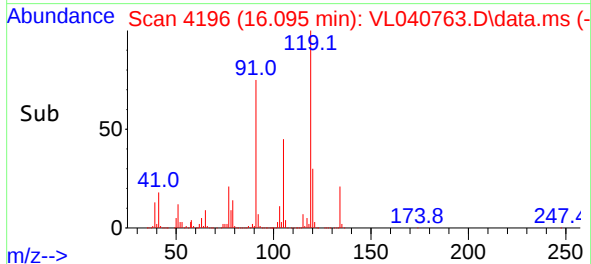
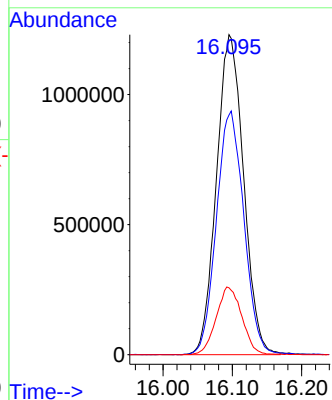
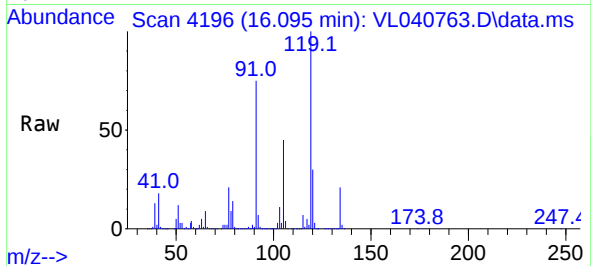




#65
tert-Butylbenzene
Concen: 7.516 ppbv
RT: 16.095 min Scan# 4196
Delta R.T. 0.000 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

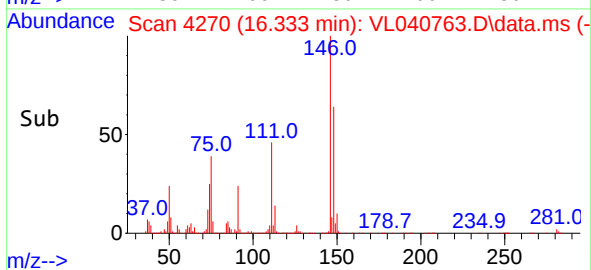
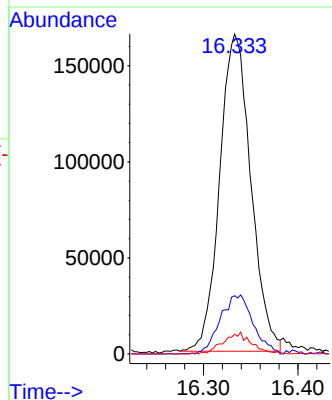
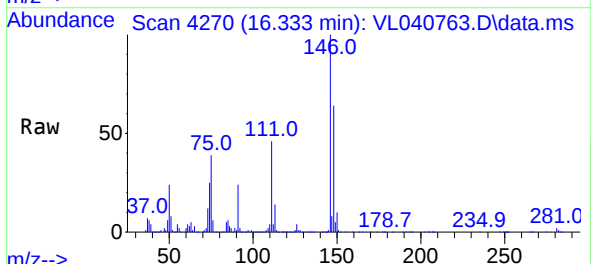
Instrument :
MSVOA_L
ClientSampleId :

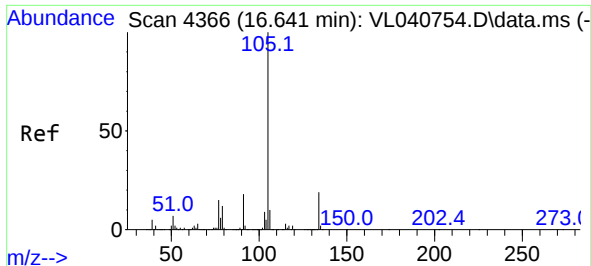
Tgt Ion:119 Resp: 3348494
Ion Ratio Lower Upper
119 100
91 77.2 62.2 93.2
134 20.1 16.1 24.1



#66
Benzyl Chloride
Concen: 8.421 ppbv
RT: 16.333 min Scan# 4270
Delta R.T. 0.000 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Tgt Ion: 91 Resp: 377943
Ion Ratio Lower Upper
91 100
126 20.1 16.1 24.1
128 6.3 5.2 7.8

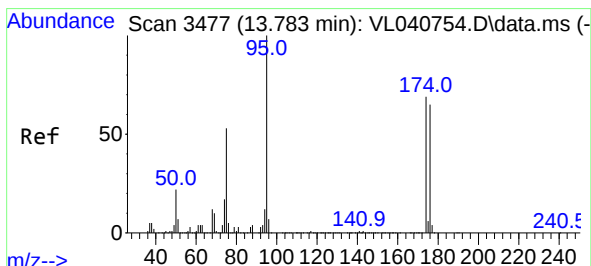
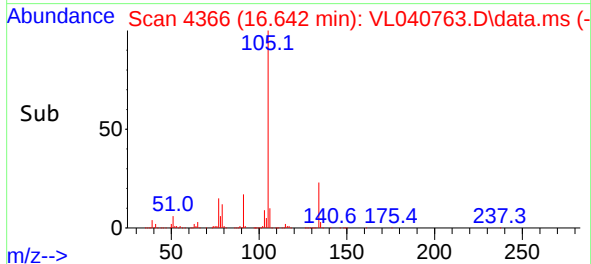
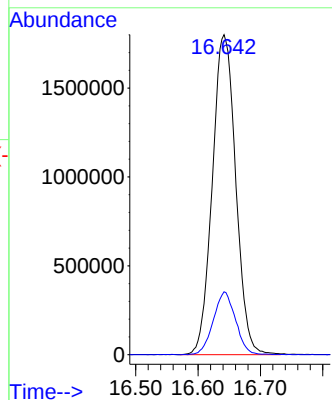
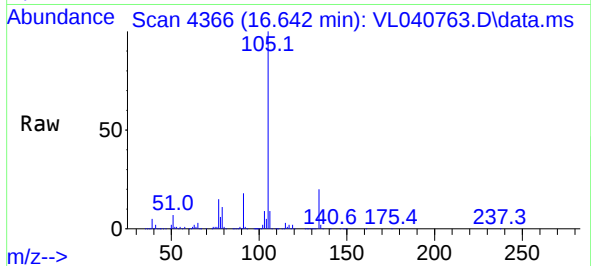




#67
 sec-Butylbenzene
 Concen: 7.692 ppbv
 RT: 16.642 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040763.D
 Acq: 11 Oct 2023 19:21

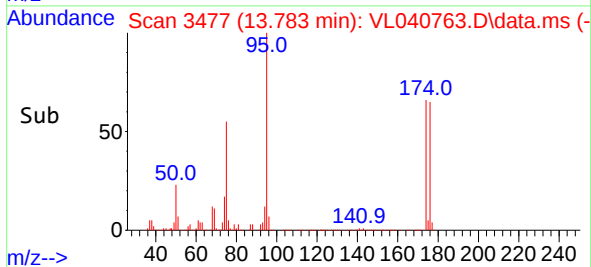
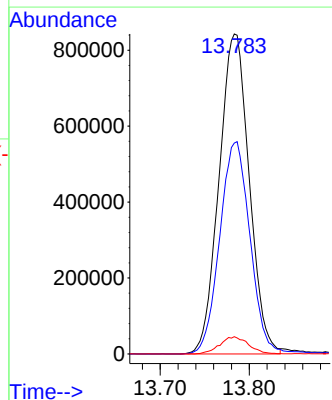
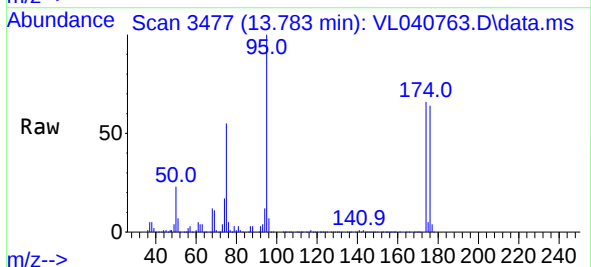
Instrument :
 MSVOA_L
 ClientSampleId :

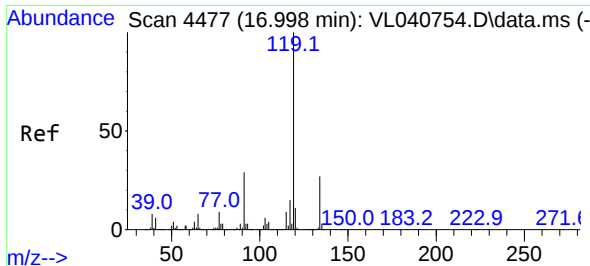
Tgt Ion:105 Resp: 4691973
 Ion Ratio Lower Upper
 105 100
 134 18.7 15.4 23.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.284 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. 0.000 min
 Lab File: VL040763.D
 Acq: 11 Oct 2023 19:21

Tgt Ion: 95 Resp: 1982228
 Ion Ratio Lower Upper
 95 100
 174 67.5 54.7 82.1
 175 5.2 4.2 6.4

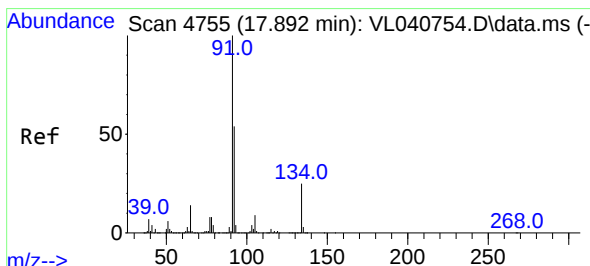
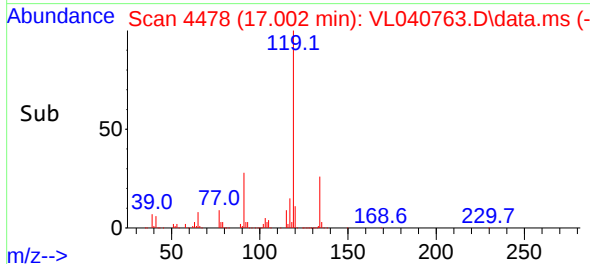
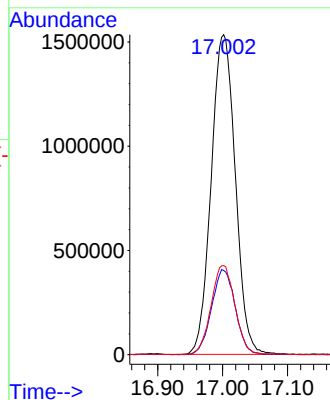
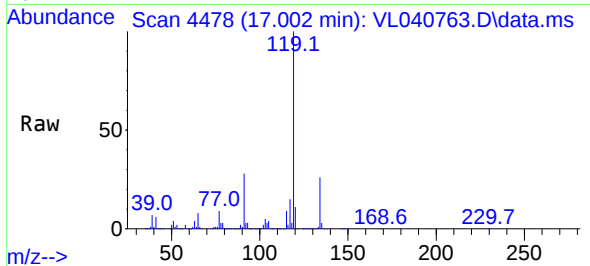




#69
p-Isopropyltoluene
Concen: 7.728 ppbv
RT: 17.002 min Scan# 4478
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

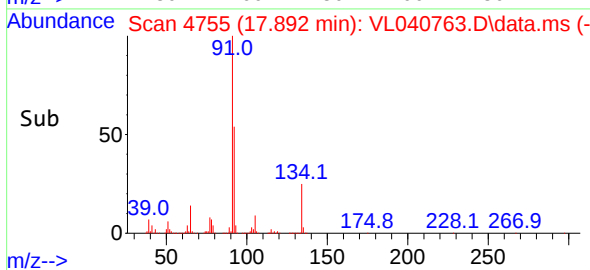
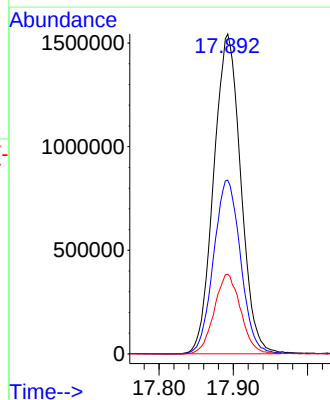
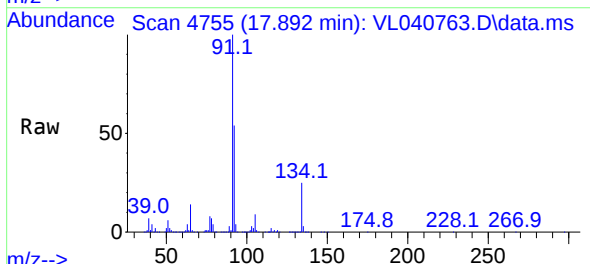
Instrument :
MSVOA_L
ClientSampleId :

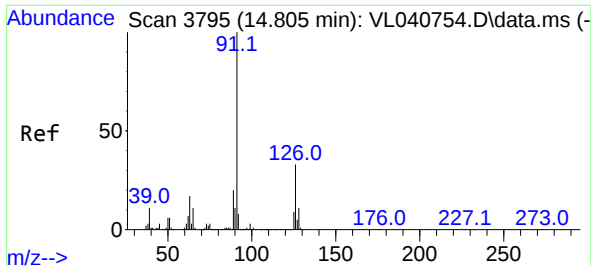
Tgt Ion:119 Resp: 3949604
Ion Ratio Lower Upper
119 100
134 26.2 21.0 31.4
91 27.6 22.8 34.2



#70
n-Butylbenzene
Concen: 7.778 ppbv
RT: 17.892 min Scan# 4755
Delta R.T. 0.000 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Tgt Ion: 91 Resp: 3903545
Ion Ratio Lower Upper
91 100
92 54.9 44.1 66.1
134 24.5 19.5 29.3

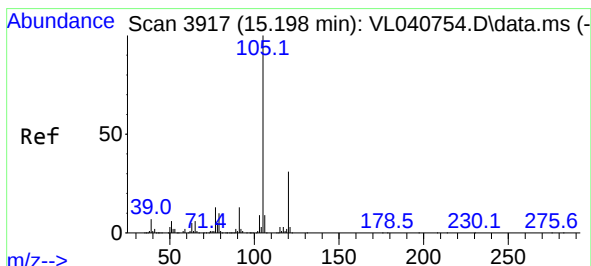
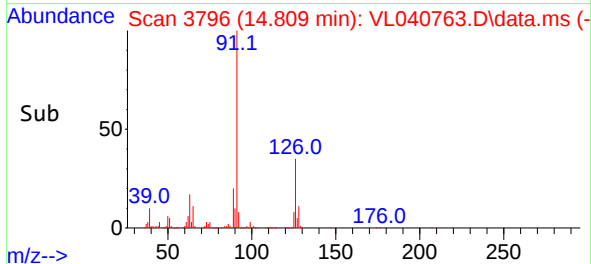
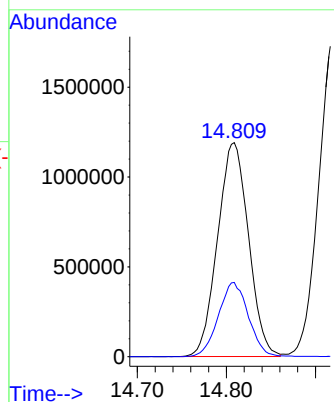
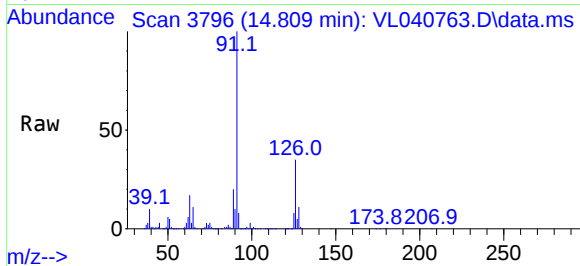




#71
2-Chlorotoluene
Concen: 7.747 ppbv
RT: 14.809 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

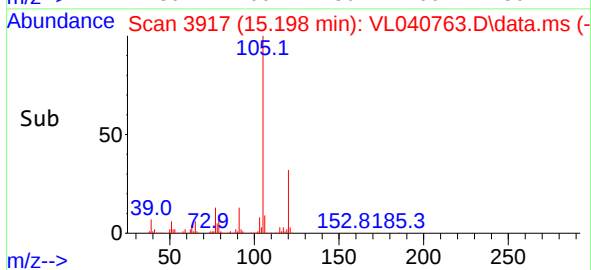
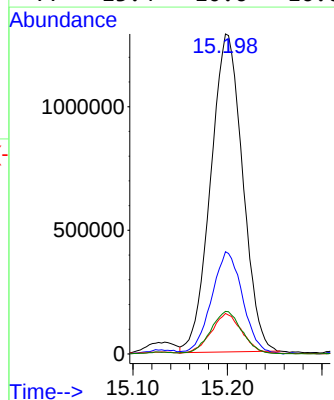
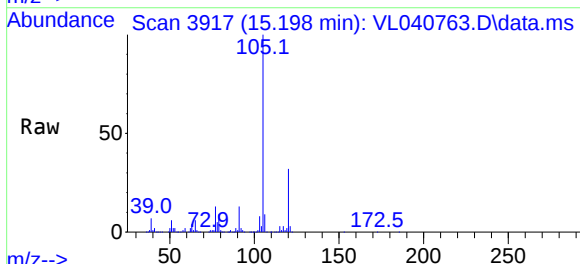
Instrument :
MSVOA_L
ClientSampleId :

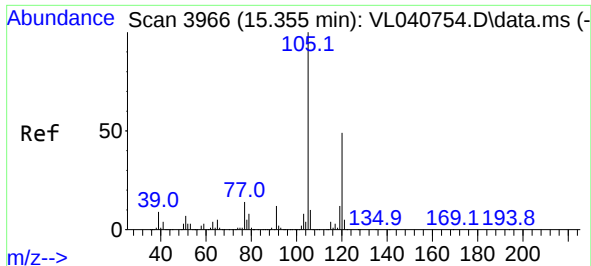
Tgt Ion: 91 Resp: 2874538
Ion Ratio Lower Upper
91 100
126 33.9 13.3 53.1



#72
4-Ethyltoluene
Concen: 8.026 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. 0.000 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Tgt Ion:105 Resp: 3017757
Ion Ratio Lower Upper
105 100
120 31.7 25.0 37.4
91 12.3 9.8 14.8
77 13.4 10.6 16.0

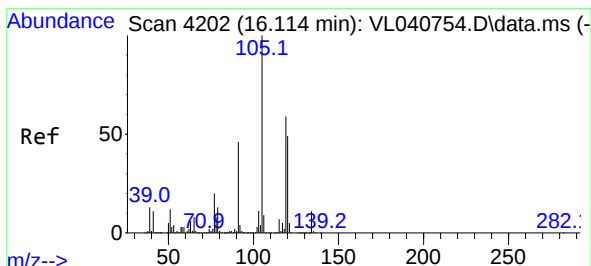
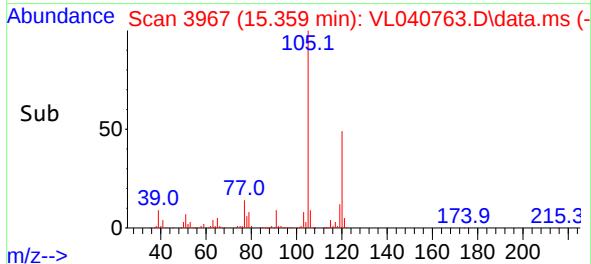
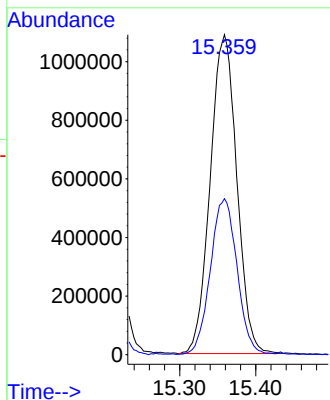
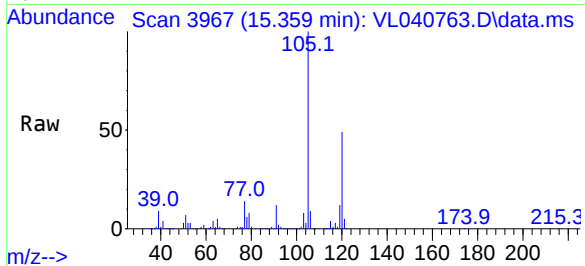




#73
1,3,5-Trimethylbenzene
Concen: 7.970 ppbv
RT: 15.359 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

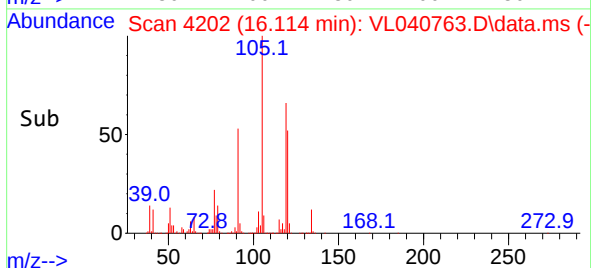
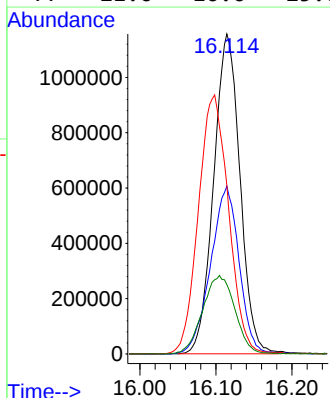
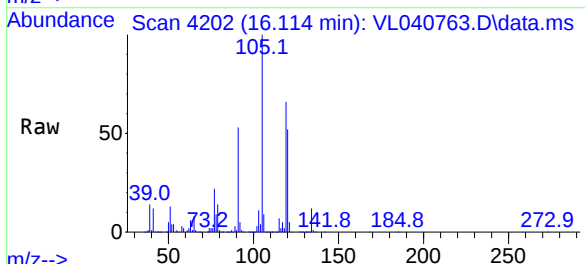
Instrument :
MSVOA_L
ClientSampleId :

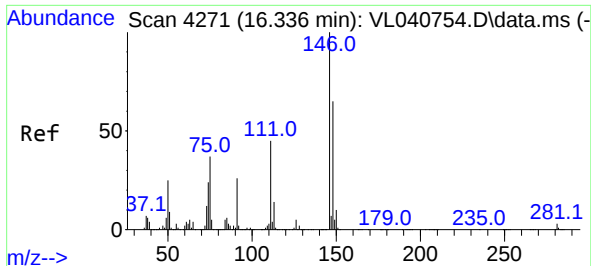
Tgt Ion:105 Resp: 2638352
Ion Ratio Lower Upper
105 100
120 48.9 39.4 59.2



#74
1,2,4-Trimethylbenzene
Concen: 7.698 ppbv
RT: 16.114 min Scan# 4202
Delta R.T. 0.000 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Tgt Ion:105 Resp: 2784049
Ion Ratio Lower Upper
105 100
120 52.0 39.4 59.2
91 52.4 38.6 58.0
77 21.6 16.6 25.0

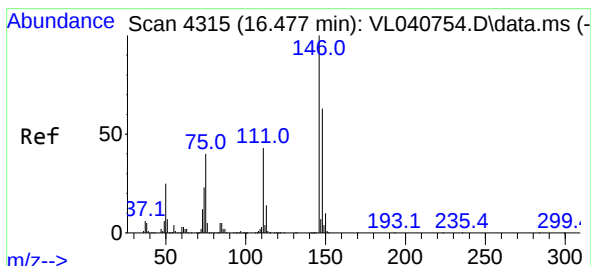
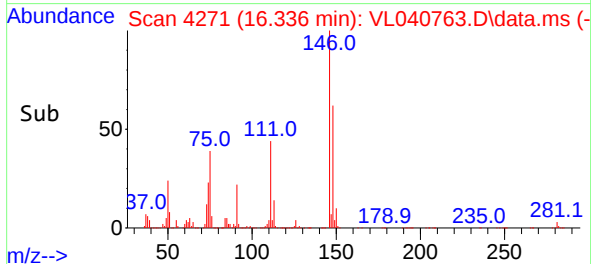
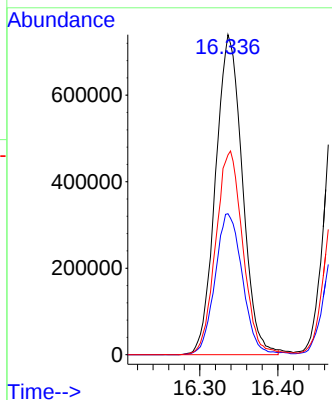
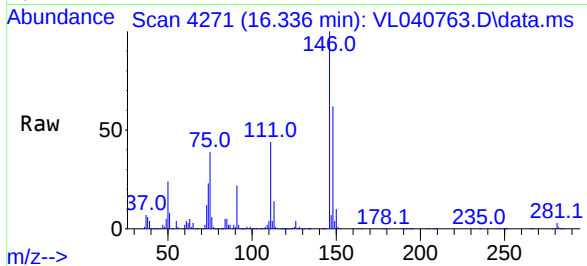




#75
1,3-Dichlorobenzene
Concen: 7.869 ppbv
RT: 16.336 min Scan# 4271
Delta R.T. 0.000 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

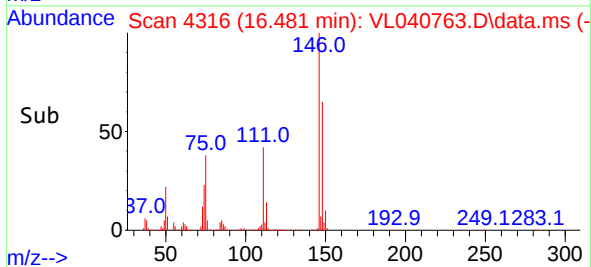
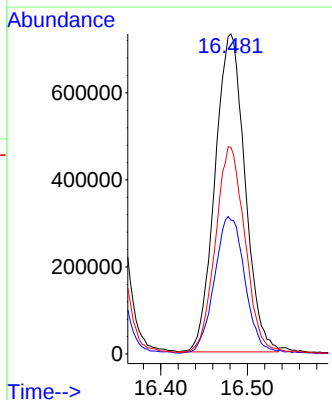
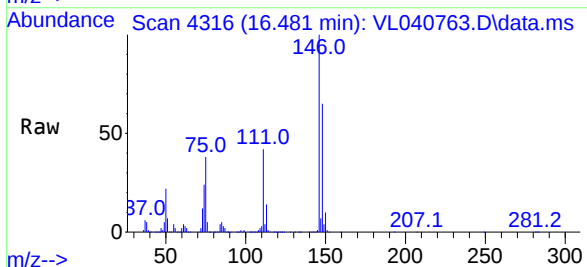
Instrument :
MSVOA_1
ClientSampleId :

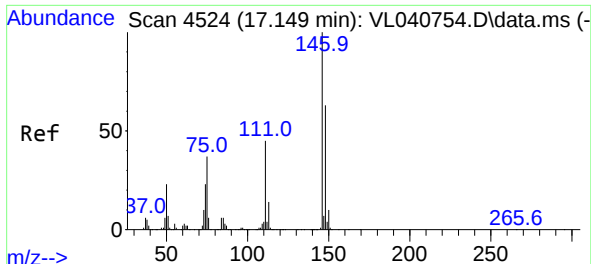
Tgt Ion:146 Resp: 1769989
Ion Ratio Lower Upper
146 100
111 45.1 22.6 67.7
148 64.5 32.4 97.0



#76
1,4-Dichlorobenzene
Concen: 7.879 ppbv
RT: 16.481 min Scan# 4316
Delta R.T. 0.003 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

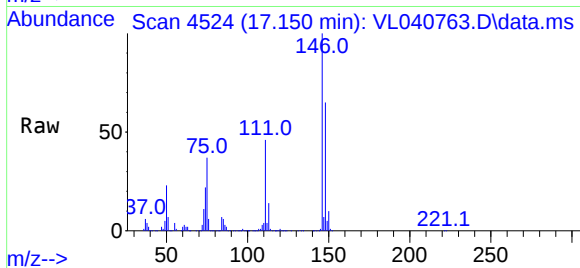
Tgt Ion:146 Resp: 1755166
Ion Ratio Lower Upper
146 100
111 44.5 22.0 66.0
148 65.3 33.4 100.1



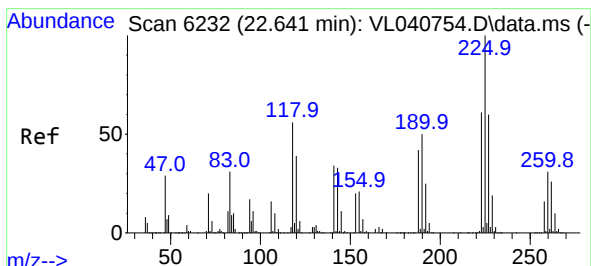
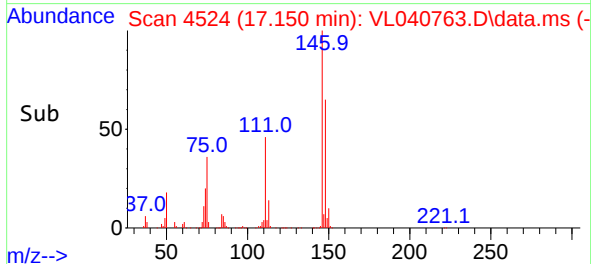
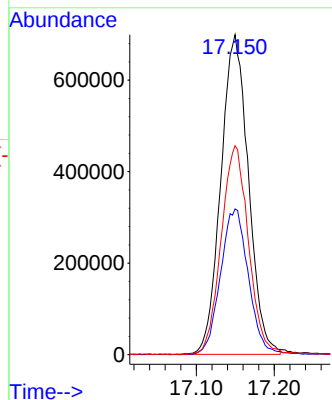


#77
1,2-Dichlorobenzene
Concen: 7.783 ppbv
RT: 17.150 min Scan# 411
Delta R.T. 0.000 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Instrument :
MSVOA_L
ClientSampleId :

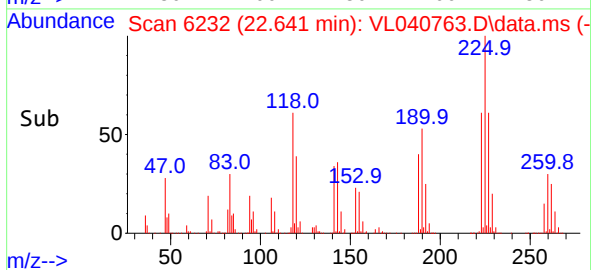
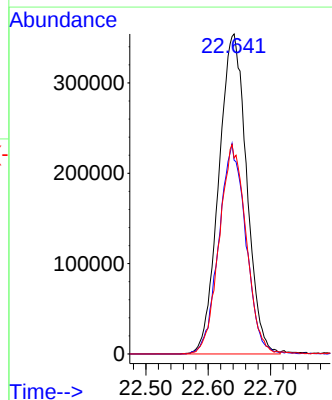
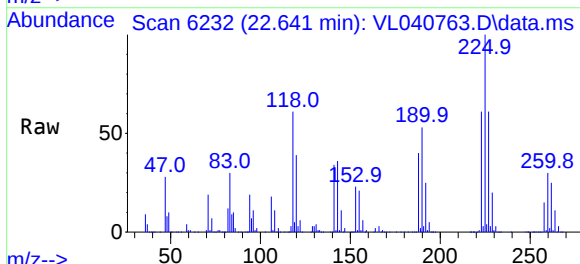


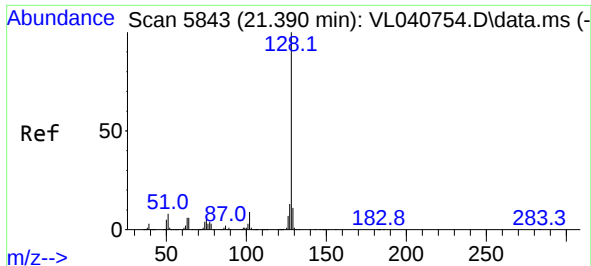
Tgt Ion:146 Resp: 1717681
Ion Ratio Lower Upper
146 100
111 46.5 22.9 68.8
148 65.1 32.3 96.8



#78
Hexachloro-1,3-Butadiene
Concen: 6.954 ppbv
RT: 22.641 min Scan# 6232
Delta R.T. 0.000 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Tgt Ion:225 Resp: 1098189
Ion Ratio Lower Upper
225 100
223 63.7 50.7 76.1
227 63.7 51.4 77.0

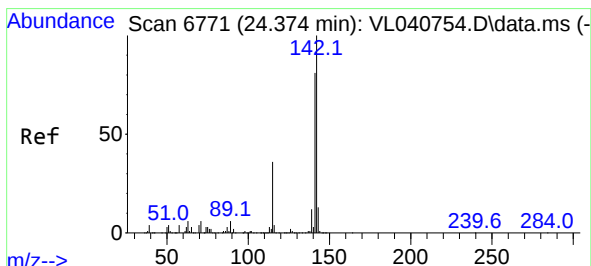
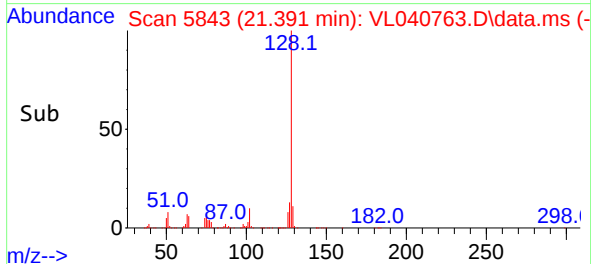
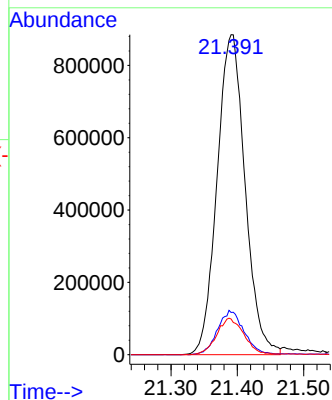
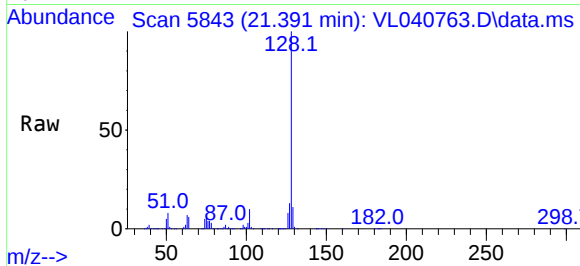




#79
Naphthalene
Concen: 8.841 ppbv
RT: 21.391 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

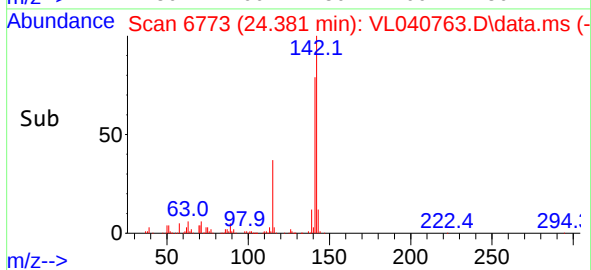
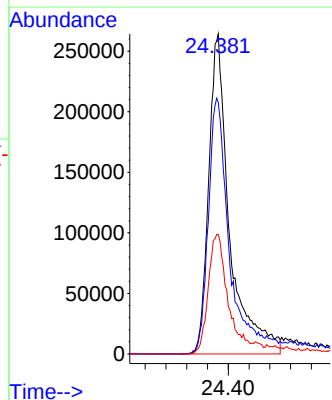
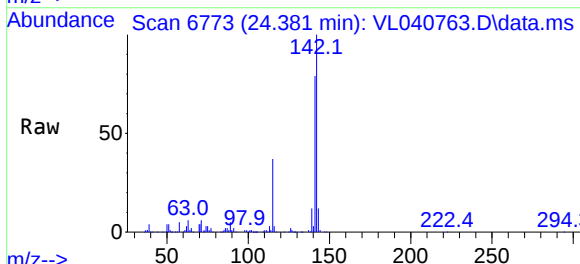
Instrument :
MSVOA_L
ClientSampleId :

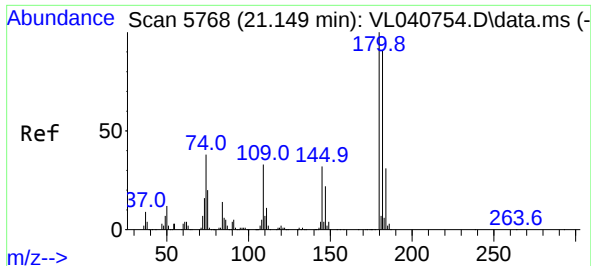
Tgt Ion:128 Resp: 2599324
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.1 9.0 13.4



#80
Naphthalene,2-methyl-
Concen: 8.972 ppbv
RT: 24.381 min Scan# 6773
Delta R.T. 0.007 min
Lab File: VL040763.D
Acq: 11 Oct 2023 19:21

Tgt Ion:142 Resp: 740182
Ion Ratio Lower Upper
142 100
141 82.2 66.3 99.5
115 40.5 30.0 45.0





#81

1,2,4-Trichlorobenzene

Concen: 8.028 ppbv

RT: 21.146 min Scan# 51

Delta R.T. -0.003 min

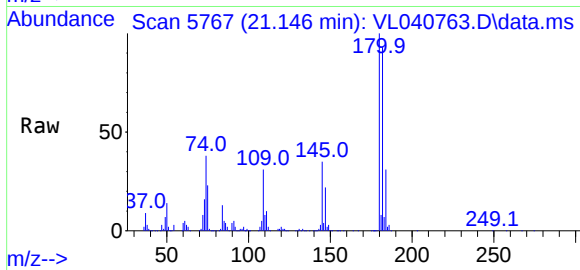
Lab File: VL040763.D

Acq: 11 Oct 2023 19:21

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 1281426

Ion Ratio Lower Upper

180 100

182 98.5 77.9 116.9

184 31.7 25.0 37.6

