

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100423\
 Data File : VL040746.D
 Acq On : 4 Oct 2023 18:53
 Operator : SY/MD
 Sample : 04716-13 LOD 0.45
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 05 04:28:36 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	5.188	49	833755	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2266385	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.452	117	1881357	10.000	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.760	95	1469473	10.109	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.100%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.742	85	118696	0.646	ppbv	96
3) Chlorodifluoromethane	2.690	51	81680	0.601	ppbv	100
4) Chloromethane	2.828	50	30108	0.579	ppbv	95
5) Vinyl Chloride	2.931	62	27730	0.451	ppbv #	83
6) Bromomethane	3.131	94	15708	0.530	ppbv	96
7) Chloroethane	3.208	64	12199	0.578	ppbv	92
8) Dichlorotetrafluoroethane	2.867	85	94361	0.622	ppbv	97
9) Propene	2.713	41	20238	0.517	ppbv	99
10) Heptane	7.571	43	37139	0.421	ppbv	95
11) Trichlorofluoromethane	3.568	101	94201	0.583	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.073	101	67963	0.588	ppbv	100
13) Ethanol	3.253	45	626	0.054	ppbv	91
14) Bromoethene	3.378	108	26439	0.546	ppbv #	96
15) Acetone	3.491	43	71733	0.652	ppbv #	88
16) 1,3-Butadiene	2.973	39	2269	0.047	ppbv #	9
17) tert-Butyl alcohol	3.902	59	47284	0.420	ppbv #	93
18) 1,1-Dichloroethene	3.883	96	28006	0.545	ppbv	85
19) Isopropyl Alcohol	3.603	45	23232	0.351	ppbv #	79
20) Methylene Chloride	3.934	84	38609	0.652	ppbv	92
21) Allyl Chloride	4.002	41	32367	0.480	ppbv	85
22) trans-1,2-Dichloroethene	4.442	96	11981	0.236	ppbv #	76
23) Vinyl Acetate	4.635	43	62479	0.549	ppbv #	92
24) 1,1-Dichloroethane	4.565	63	60639	0.570	ppbv	100
25) Ethyl Acetate	5.208	43	86123	0.486	ppbv	97
26) Hexane	5.208	57	28425	0.339	ppbv #	39
27) Carbon Disulfide	4.127	76	53933	0.461	ppbv #	79
28) Methyl tert-Butyl Ether	4.597	73	40106	0.556	ppbv	98
29) Chloroform	5.272	83	79519	0.549	ppbv	87
30) Cyclohexane	6.600	84	6072	0.096	ppbv #	1
31) cis-1,2-Dichloroethene	5.073	61	36500	0.469	ppbv	94
32) 1,1,1-Trichloroethane	5.995	97	75199	0.508	ppbv	94
34) 2-Butanone	4.796	43	23498	0.206	ppbv #	28
35) Carbon Tetrachloride	6.487	117	42679	0.274	ppbv	95
36) Benzene	6.359	78	68275	0.407	ppbv	97
37) 1,2-Dichloroethane	5.803	62	55792	0.486	ppbv	100
38) Trichloroethene	7.278	130	14351	0.224	ppbv	97
39) 1,2-Dichloropropane	7.063	63	18211	0.282	ppbv	90
41) Tetrahydrofuran	5.568	42	5586	0.096	ppbv #	33
42) Bromodichloromethane	7.240	83	69874	0.446	ppbv	93
43) Methyl Methacrylate	7.465	69	9163	0.147	ppbv #	1
44) 2,2,4-Trimethylpentane	7.317	57	109994	0.412	ppbv #	88
45) t-1,3-Dichloropropene	8.703	75	5699	0.118	ppbv	92
46) cis-1,3-Dichloropropene	8.130	75	12772	0.216	ppbv	98

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 ClientSampleId :

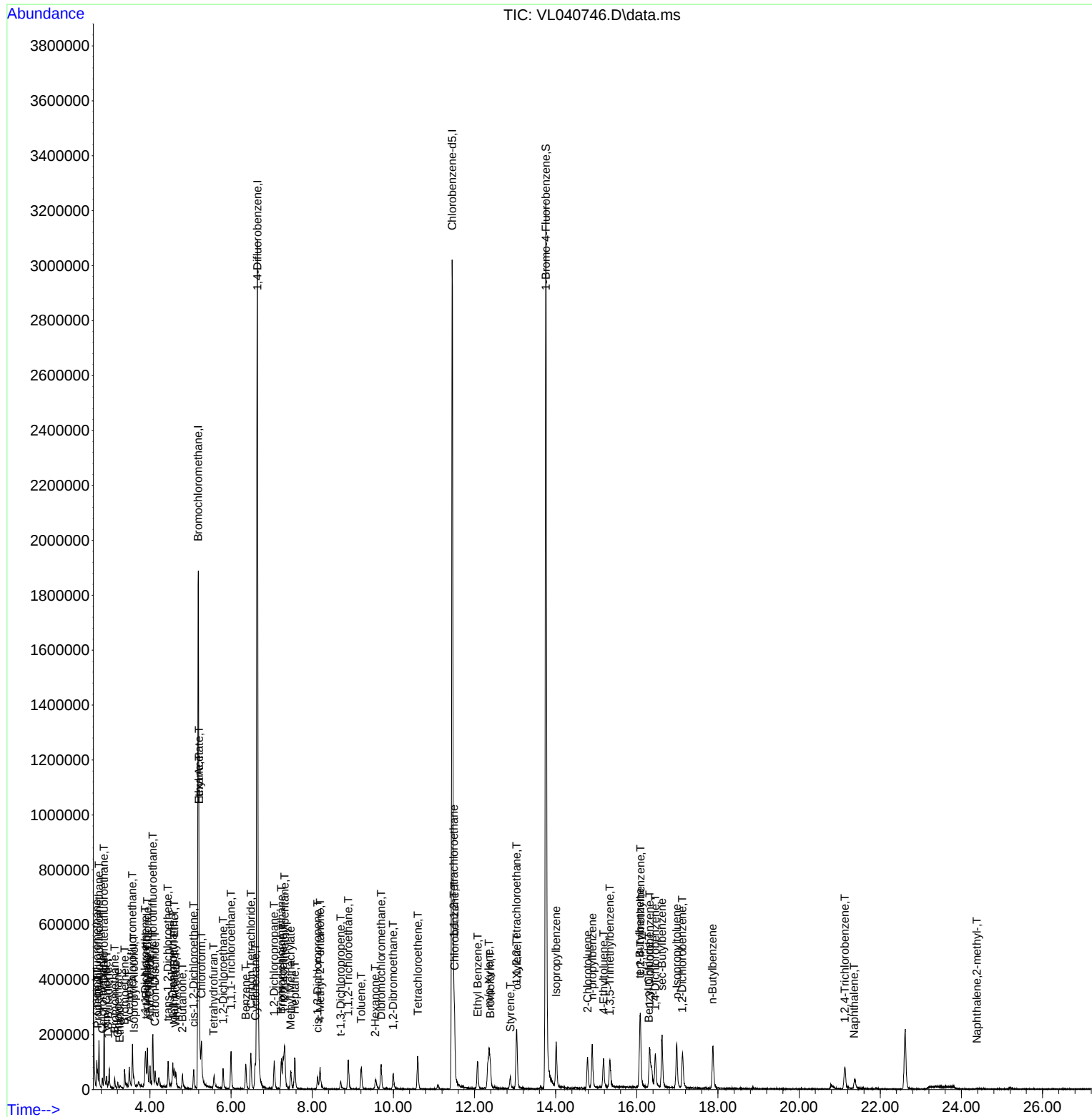
Quant Time: Oct 05 04:28:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 19 05:12:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 1,1,2-Trichloroethane	8.889	97	34344	0.463	ppbv #	87
48) Dibromochloromethane	9.700	129	13826	0.113	ppbv #	1
49) Bromoform	12.391	173	39354	0.392	ppbv	92
50) 4-Methyl-2-Pentanone	8.195	43	52528	0.341	ppbv	96
51) 2-Hexanone	9.555	43	10941	0.103	ppbv #	31
52) Tetrachloroethene	10.600	164	18834	0.344	ppbv #	82
53) Toluene	9.208	91	33916	0.191	ppbv #	34
54) 1,2-Dibromoethane	9.995	107	42437	0.448	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.490	131	48853	0.545	ppbv #	1
57) Chlorobenzene	11.510	112	40657	0.285	ppbv	90
58) Ethyl Benzene	12.076	91	76585	0.357	ppbv	97
59) m/p-Xylene	12.352	91	30341	0.151	ppbv #	32
60) o-Xylene	13.043	91	73535	0.383	ppbv	96
61) Styrene	12.883	104	21730	0.270	ppbv #	89
62) Isopropylbenzene	14.011	105	125358	0.432	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.037	83	76472	0.508	ppbv	92
64) n-propylbenzene	14.902	120	19156	0.264	ppbv #	1
65) tert-Butylbenzene	16.072	119	48854	0.188	ppbv #	15
66) Benzyl Chloride	16.297	91	2128	0.070	ppbv #	66
67) sec-Butylbenzene	16.622	105	147959	0.397	ppbv	97
69) p-Isopropyltoluene	16.985	119	114937	0.392	ppbv	95
70) n-Butylbenzene	17.866	91	58169	0.180	ppbv #	34
71) 2-Chlorotoluene	14.786	91	60462	0.282	ppbv	71
72) 4-Ethyltoluene	15.178	105	43551	0.202	ppbv #	49
73) 1,3,5-Trimethylbenzene	15.336	105	74051	0.382	ppbv	90
74) 1,2,4-Trimethylbenzene	16.092	105	100977	0.427	ppbv #	85
75) 1,3-Dichlorobenzene	16.310	146	27704	0.206	ppbv #	1
76) 1,4-Dichlorobenzene	16.452	146	32059	0.242	ppbv #	22
77) 1,2-Dichlorobenzene	17.120	146	32355	0.241	ppbv #	22
79) Naphthalene	21.355	128	7801	0.053	ppbv #	88
80) Naphthalene,2-methyl-	24.381	142	2649	0.074	ppbv #	52
81) 1,2,4-Trichlorobenzene	21.127	180	19408	0.202	ppbv #	11

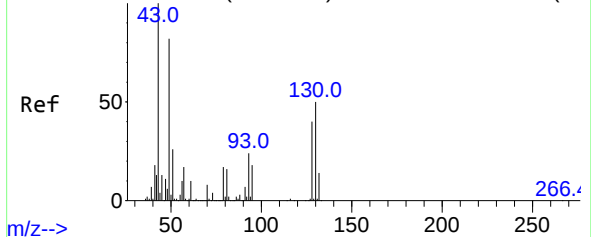
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_L
ClientSampleId :

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MSVOA_L
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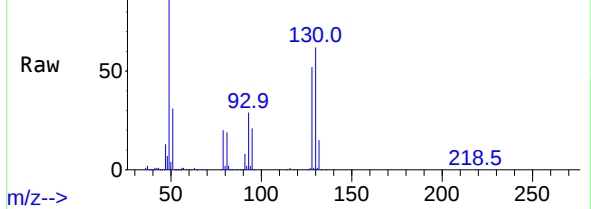


Abundance Scan 803 (5.185 min): VL040683.D\data.ms (-78



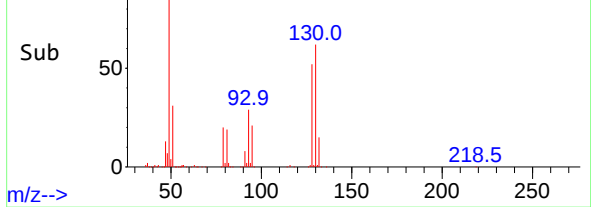
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Abundance Scan 804 (5.188 min): VL040746.D\data.ms



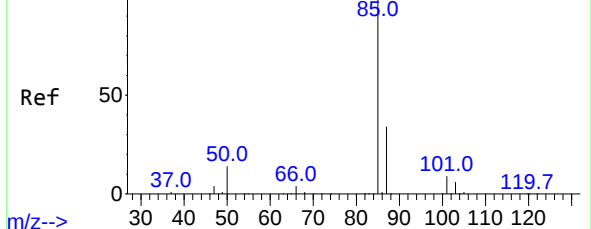
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Abundance Scan 804 (5.188 min): VL040746.D\data.ms (-65



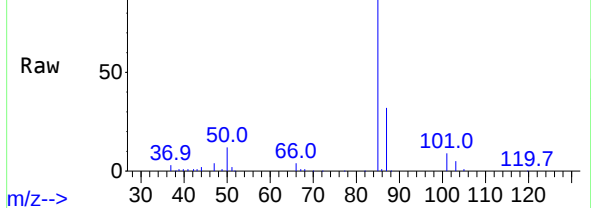
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Abundance Scan 36 (2.719 min): VL040683.D\data.ms (-27



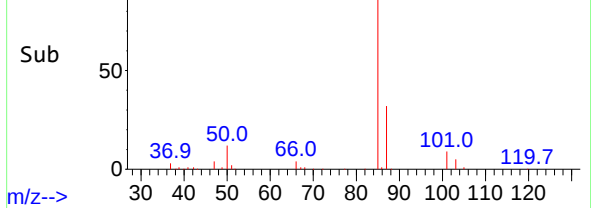
m/z-->

Abundance Scan 43 (2.742 min): VL040746.D\data.ms



m/z-->

Abundance Scan 43 (2.742 min): VL040746.D\data.ms (-1) (-



m/z-->

#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.188 min Scan# 80

Delta R.T. -0.010 min

Lab File: VL040746.D

Acq: 4 Oct 2023 18:53

Tgt Ion: 49 Resp: 833755

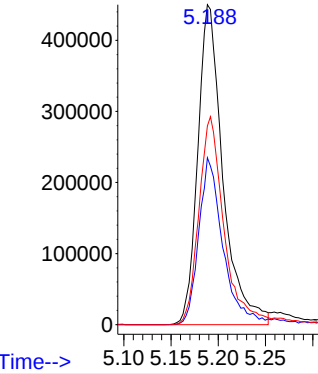
Ion Ratio Lower Upper

49 100

128 52.2 25.4 76.0

130 68.3 32.3 96.8

Abundance



Time-->

#2

Dichlorodifluoromethane

Concen: 0.646 ppbv

RT: 2.742 min Scan# 43

Delta R.T. 0.010 min

Lab File: VL040746.D

Acq: 4 Oct 2023 18:53

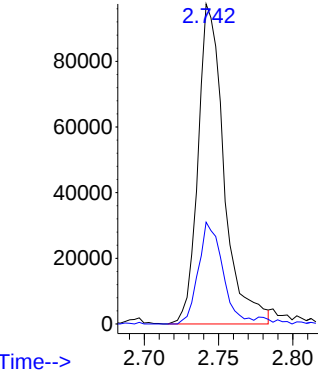
Tgt Ion: 85 Resp: 118696

Ion Ratio Lower Upper

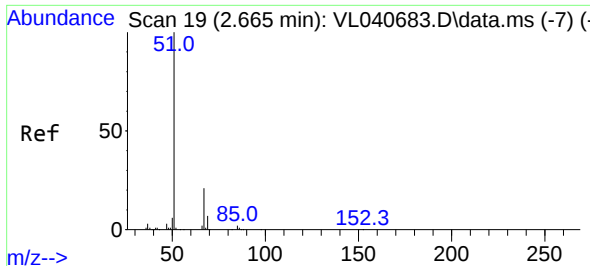
85 100

87 31.8 27.2 40.8

Abundance



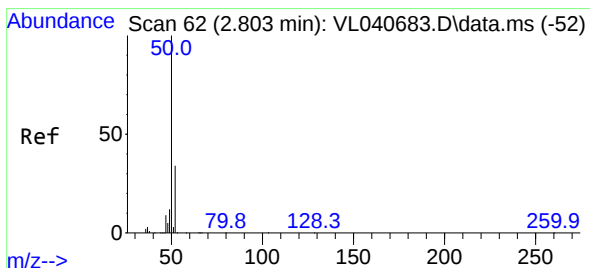
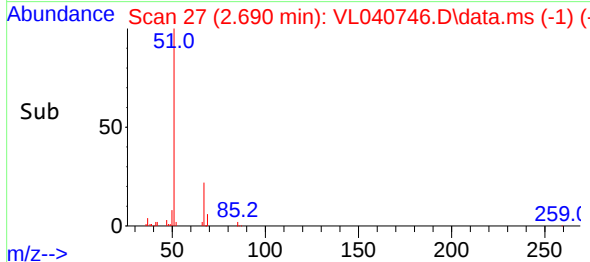
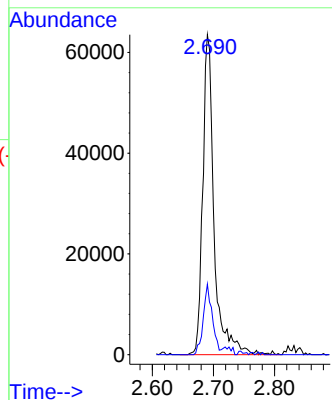
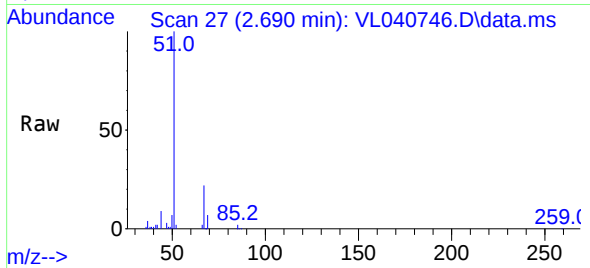
Time-->



#3
Chlorodifluoromethane
Concen: 0.601 ppbv
RT: 2.690 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

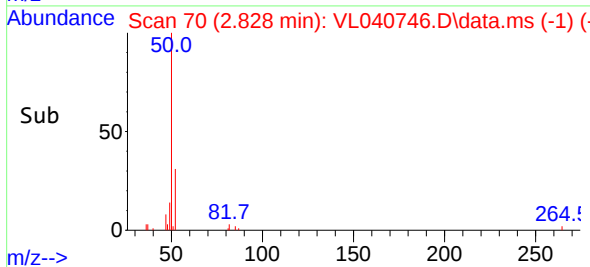
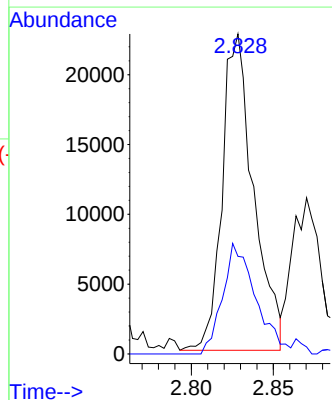
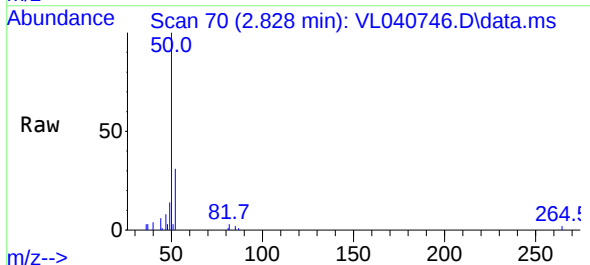
Instrument :
MSVOA_L
ClientSampleId :

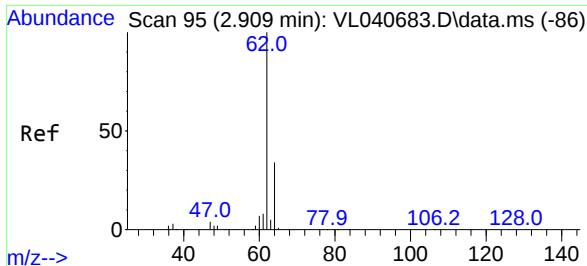
Tgt Ion: 51 Resp: 81680
Ion Ratio Lower Upper
51 100
67 20.7 16.7 25.1



#4
Chloromethane
Concen: 0.579 ppbv
RT: 2.828 min Scan# 70
Delta R.T. 0.013 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

Tgt Ion: 50 Resp: 30108
Ion Ratio Lower Upper
50 100
52 30.9 27.1 40.7

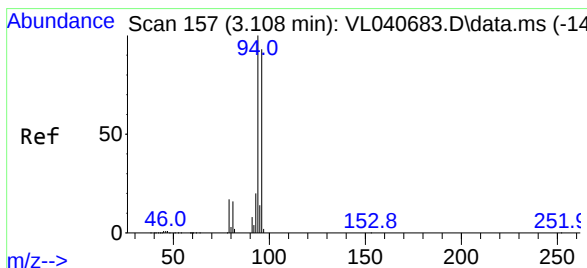
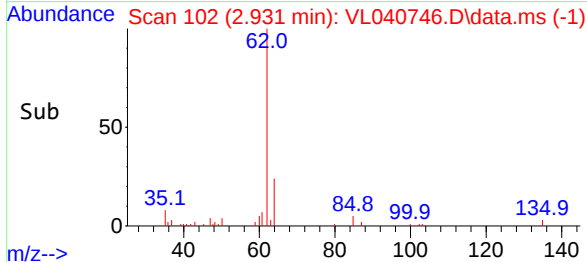
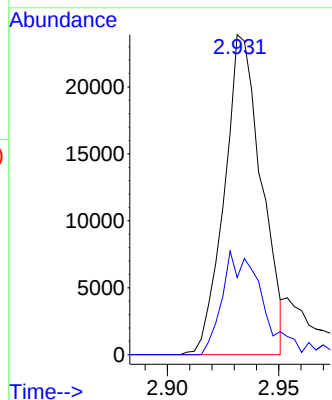
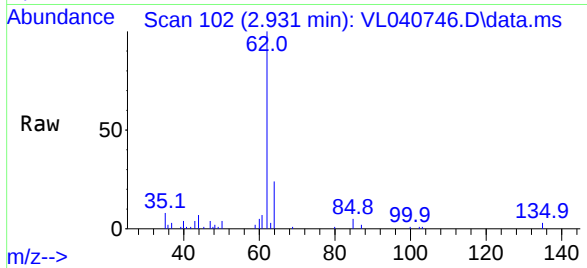




#5
 Vinyl Chloride
 Concen: 0.451 ppbv
 RT: 2.931 min Scan# 102
 Delta R.T. 0.006 min
 Lab File: VL040746.D
 Acq: 4 Oct 2023 18:53

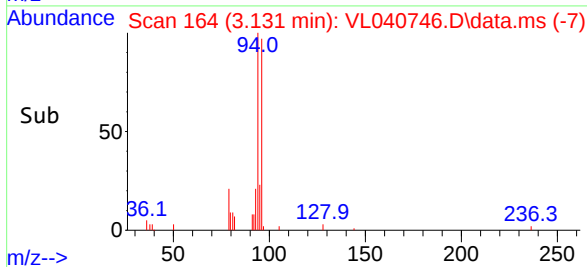
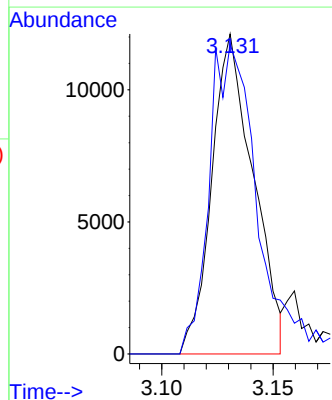
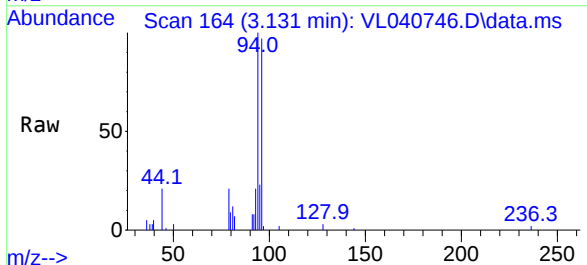
Instrument :
 MSVOA_L
 ClientSampleId :

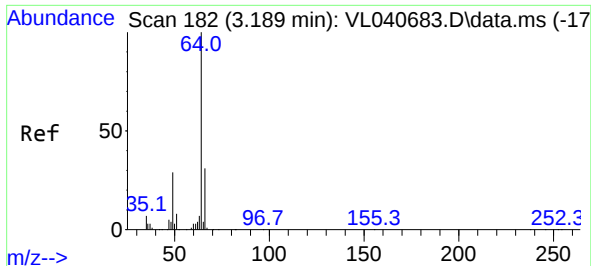
Tgt Ion: 62 Resp: 27730
 Ion Ratio Lower Upper
 62 100
 64 24.1 27.2 40.8#



#6
 Bromomethane
 Concen: 0.530 ppbv
 RT: 3.131 min Scan# 164
 Delta R.T. 0.006 min
 Lab File: VL040746.D
 Acq: 4 Oct 2023 18:53

Tgt Ion: 94 Resp: 15708
 Ion Ratio Lower Upper
 94 100
 96 96.9 74.4 111.6

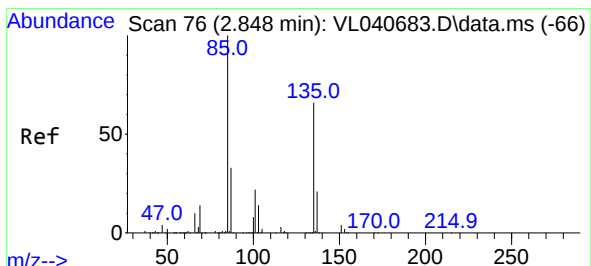
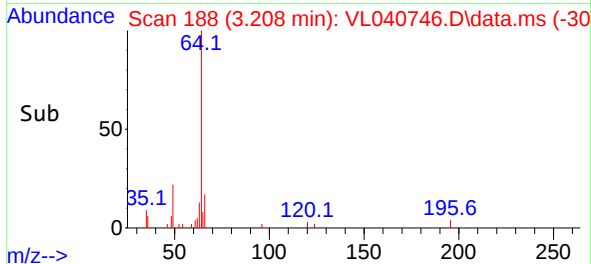
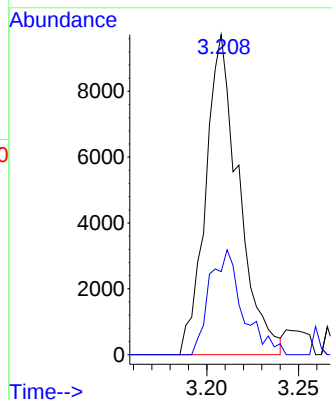
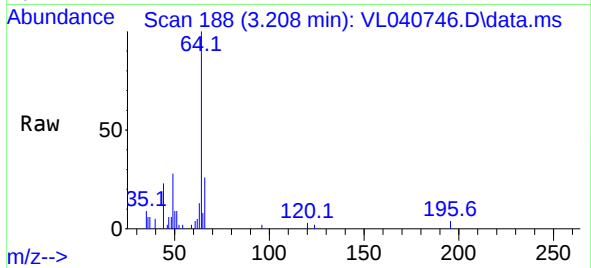




#7
Chloroethane
Concen: 0.578 ppbv
RT: 3.208 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

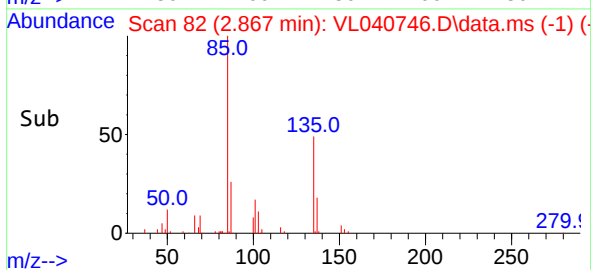
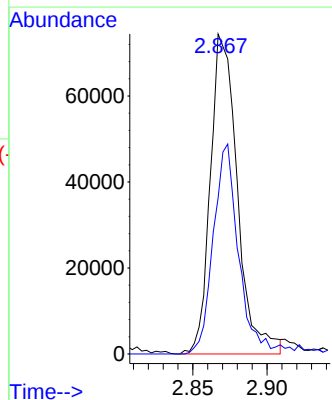
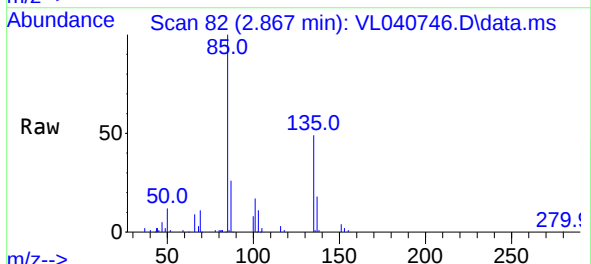
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 12199
Ion Ratio Lower Upper
64 100
66 26.0 24.5 36.7

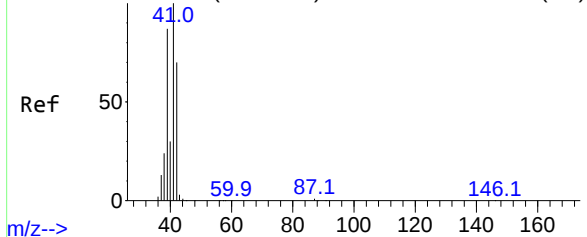


#8
Dichlorotetrafluoroethane
Concen: 0.622 ppbv
RT: 2.867 min Scan# 82
Delta R.T. 0.006 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

Tgt Ion: 85 Resp: 94361
Ion Ratio Lower Upper
85 100
135 64.1 53.4 80.2



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



#9

Propene

Concen: 0.517 ppbv

RT: 2.713 min Scan# 34

Delta R.T. 0.016 min

Lab File: VL040746.D

Acq: 4 Oct 2023 18:53

Instrument :

MSVOA_L

ClientSampleId :

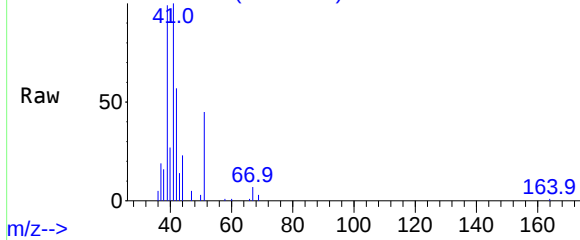
Tgt Ion: 41 Resp: 20238

Ion Ratio Lower Upper

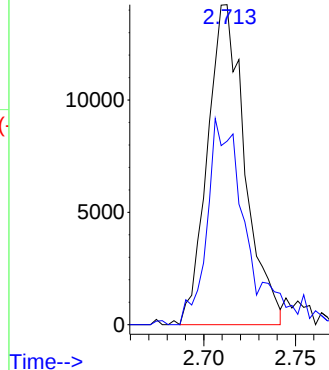
41 100

42 70.1 56.7 85.1

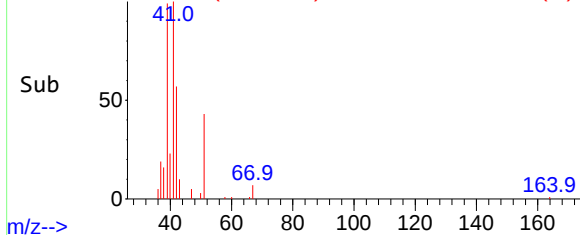
Abundance Scan 34 (2.713 min): VL040746.D\data.ms



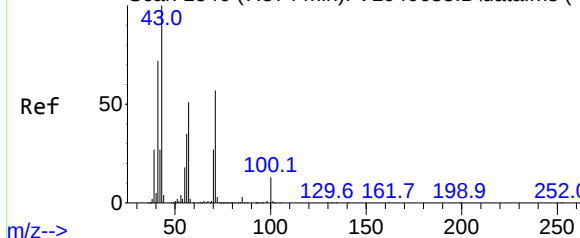
Abundance



Abundance Scan 34 (2.713 min): VL040746.D\data.ms (-1)



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



#10

Heptane

Concen: 0.421 ppbv

RT: 7.571 min Scan# 1545

Delta R.T. -0.016 min

Lab File: VL040746.D

Acq: 4 Oct 2023 18:53

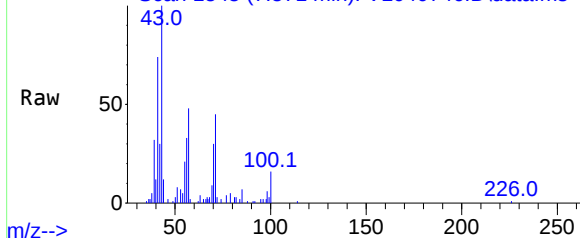
Tgt Ion: 43 Resp: 37139

Ion Ratio Lower Upper

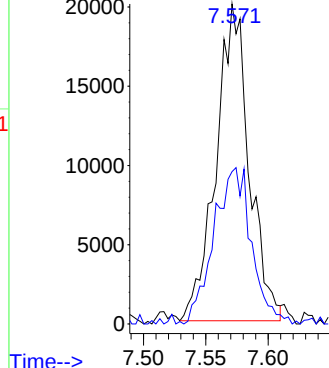
43 100

57 55.8 41.8 62.6

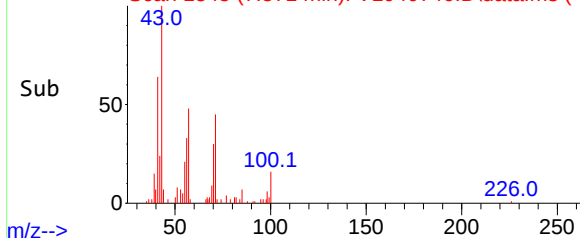
Abundance Scan 1545 (7.571 min): VL040746.D\data.ms

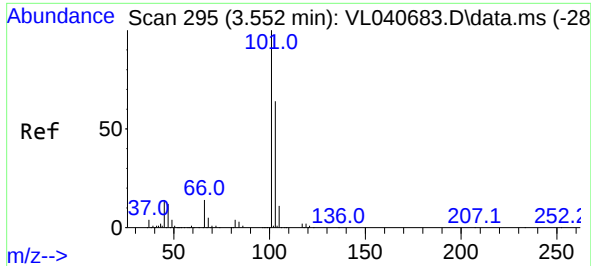


Abundance



Abundance Scan 1545 (7.571 min): VL040746.D\data.ms (-1)

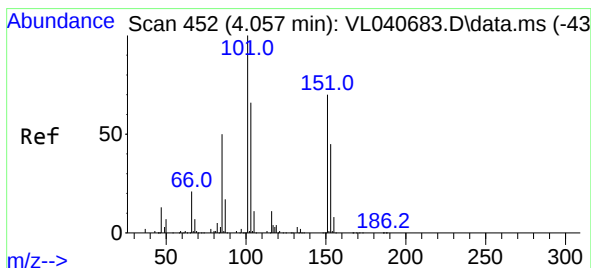
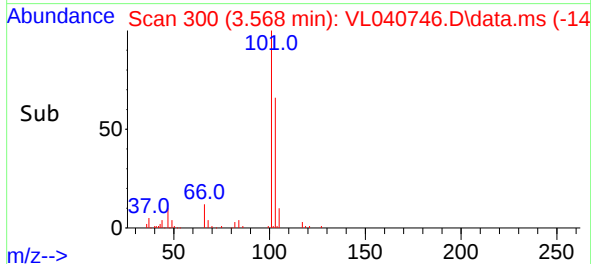
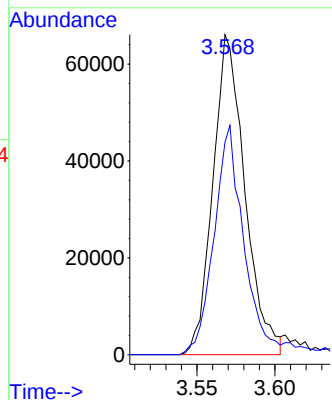
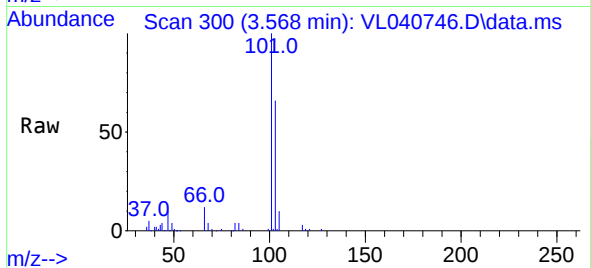




#11
 Trichlorofluoromethane
 Concen: 0.583 ppbv
 RT: 3.568 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VL040746.D
 Acq: 4 Oct 2023 18:53

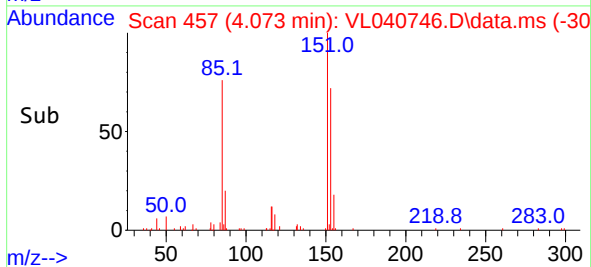
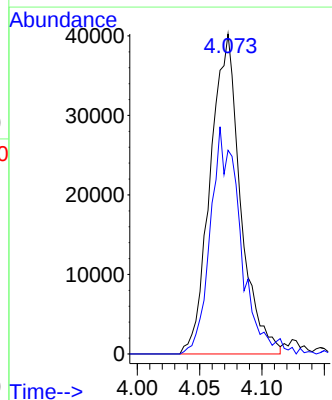
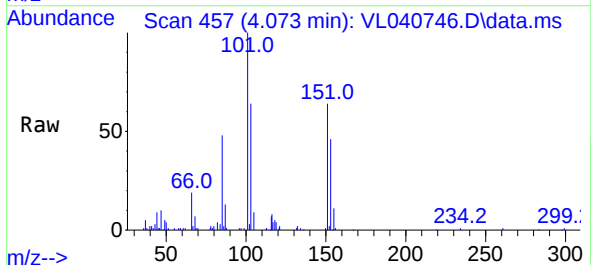
Instrument :
 MSVOA_L
 ClientSampleId :

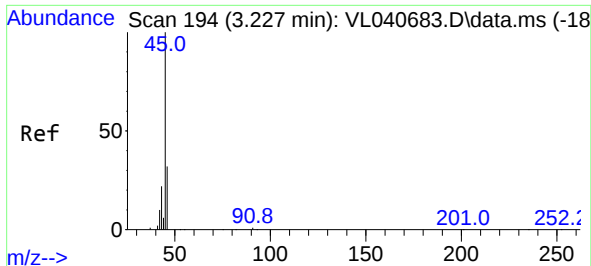
Tgt Ion:101 Resp: 94201
 Ion Ratio Lower Upper
 101 100
 103 66.4 51.3 76.9



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.588 ppbv
 RT: 4.073 min Scan# 457
 Delta R.T. -0.000 min
 Lab File: VL040746.D
 Acq: 4 Oct 2023 18:53

Tgt Ion:101 Resp: 67963
 Ion Ratio Lower Upper
 101 100
 151 70.8 56.8 85.2

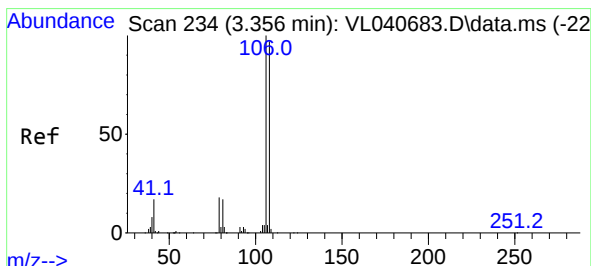
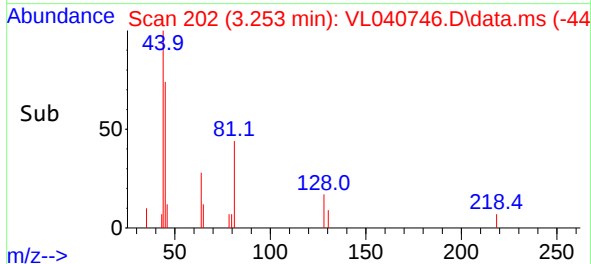
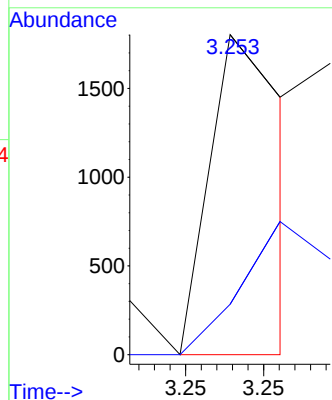
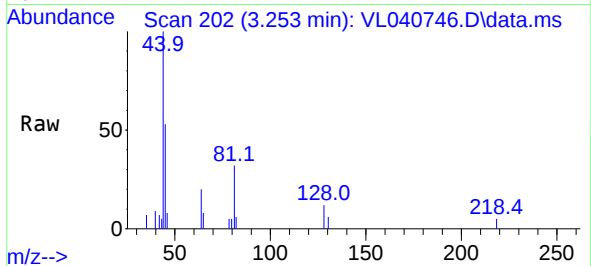




#13
Ethanol
Concen: 0.054 ppbv
RT: 3.253 min Scan# 20
Delta R.T. 0.010 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

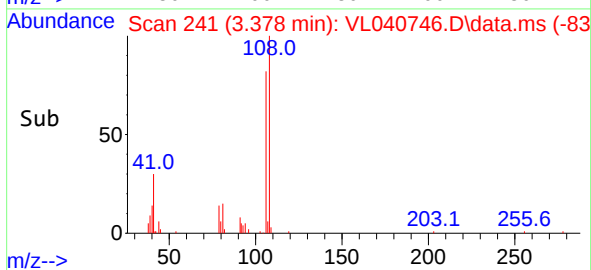
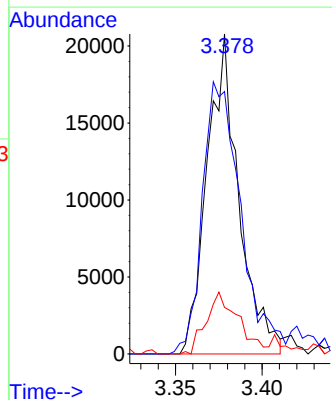
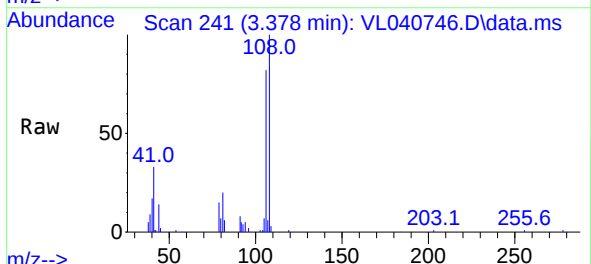
Instrument :
MSVOA_L
ClientSampleId :

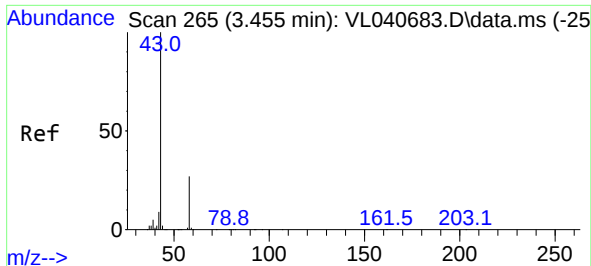
Tgt Ion: 45 Resp: 626
Ion Ratio Lower Upper
45 100
46 43.6 15.2 61.0



#14
Bromoethene
Concen: 0.546 ppbv
RT: 3.378 min Scan# 241
Delta R.T. 0.010 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

Tgt Ion:108 Resp: 26439
Ion Ratio Lower Upper
108 100
106 110.1 86.0 129.0
79 24.6 15.6 23.4#

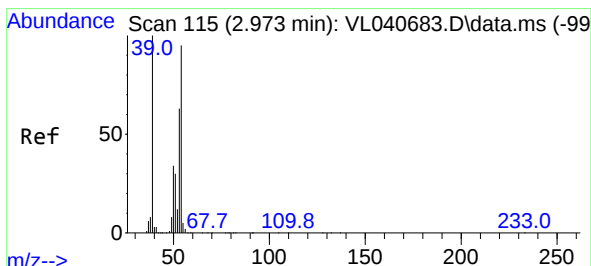
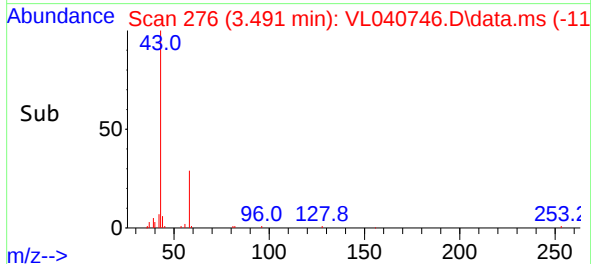
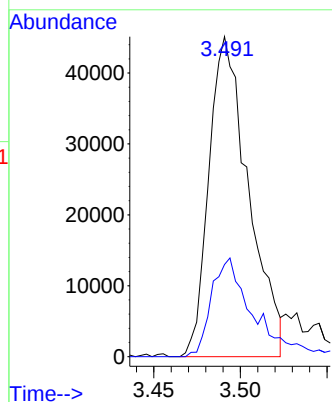
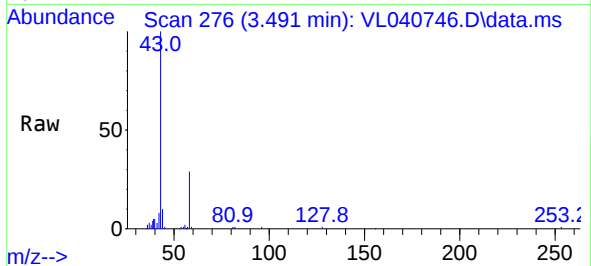




#15
Acetone
Concen: 0.652 ppbv
RT: 3.491 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

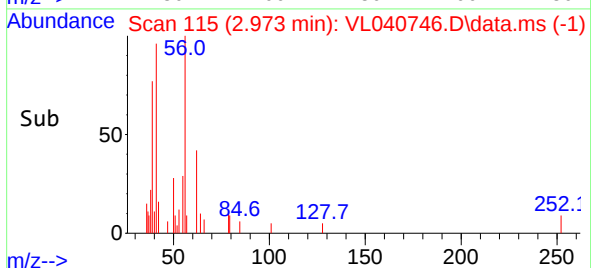
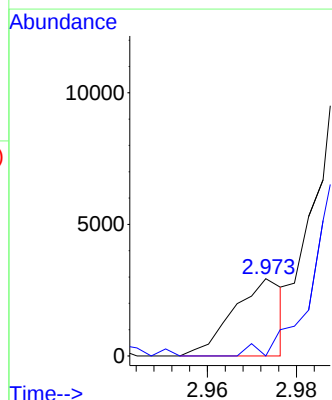
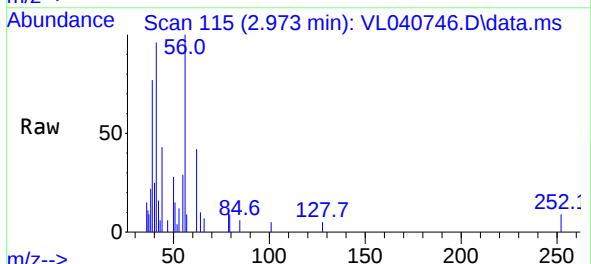
Instrument :
MSVOA_L
ClientSampleId :

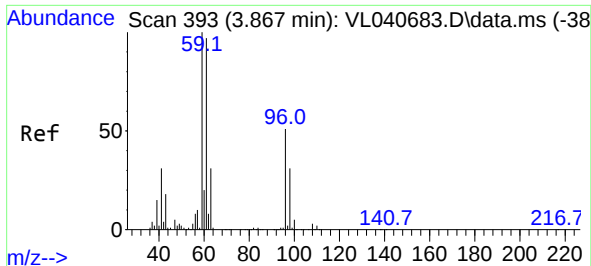
Tgt Ion: 43 Resp: 71733
Ion Ratio Lower Upper
43 100
58 34.4 22.6 34.0#



#16
1,3-Butadiene
Concen: 0.047 ppbv
RT: 2.973 min Scan# 115
Delta R.T. -0.016 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

Tgt Ion: 39 Resp: 2269
Ion Ratio Lower Upper
39 100
54 0.0 64.8 97.2#

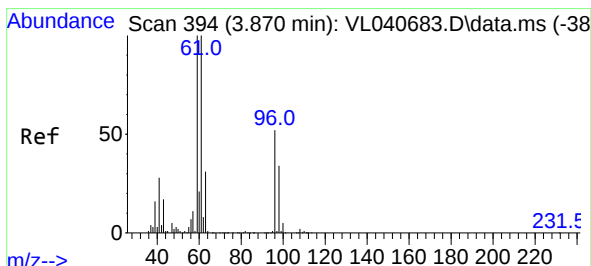
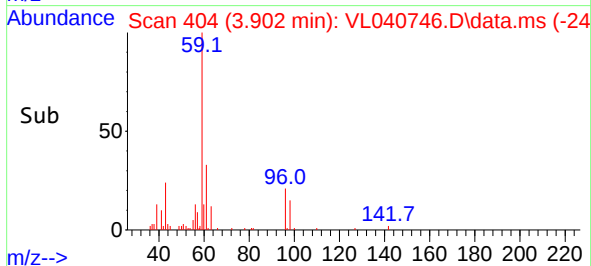
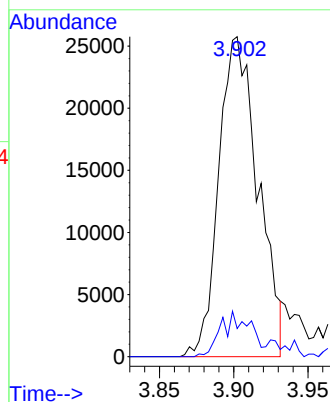
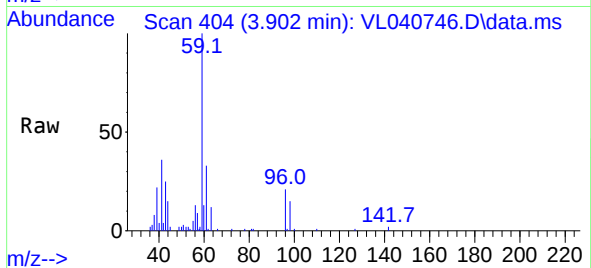




#17
tert-Butyl alcohol
Concen: 0.420 ppbv
RT: 3.902 min Scan# 404
Delta R.T. 0.019 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

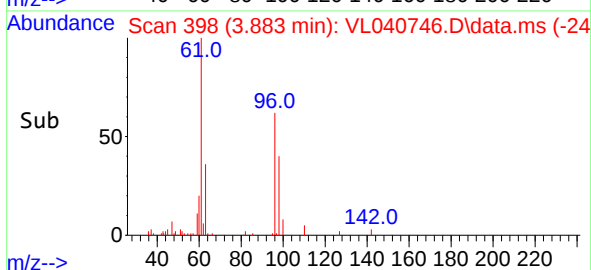
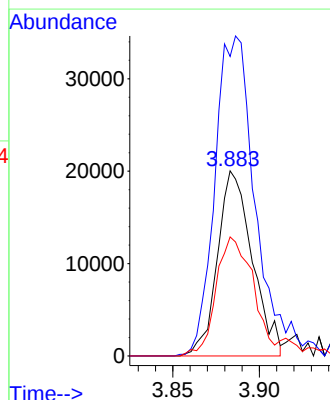
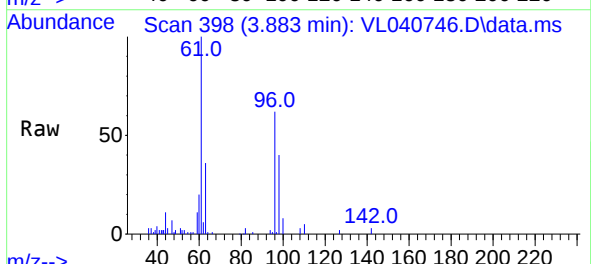
Instrument :
MSVOA_L
ClientSampleId :

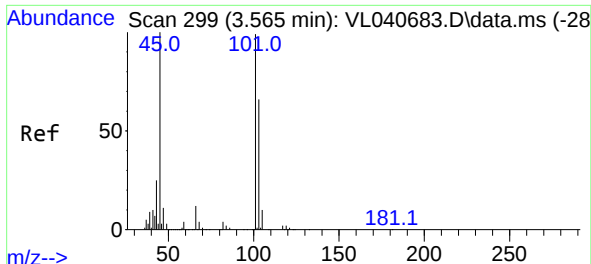
Tgt Ion: 59 Resp: 47284
Ion Ratio Lower Upper
59 100
57 13.5 8.7 13.1#



#18
1,1-Dichloroethene
Concen: 0.545 ppbv
RT: 3.883 min Scan# 398
Delta R.T. -0.000 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

Tgt Ion: 96 Resp: 28006
Ion Ratio Lower Upper
96 100
61 162.4 153.6 230.4
98 64.9 51.9 77.9





#19

Isopropyl Alcohol

Concen: 0.351 ppbv

RT: 3.603 min Scan# 311

Delta R.T. 0.026 min

Lab File: VL040746.D

Acq: 4 Oct 2023 18:53

Instrument :

MSVOA_L

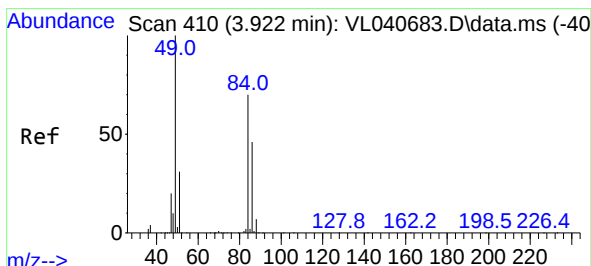
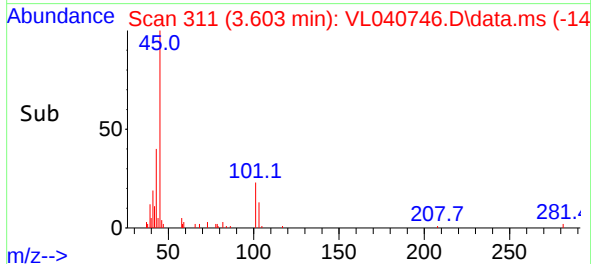
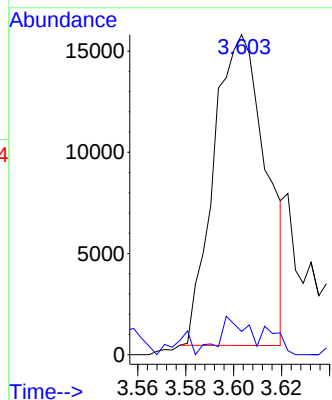
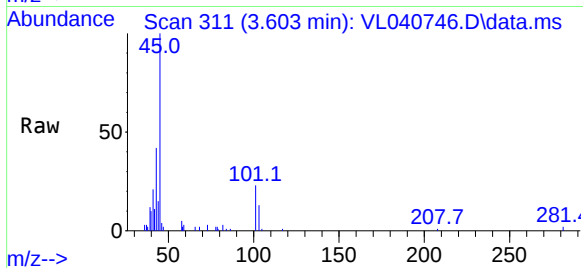
ClientSampleId :

Tgt Ion: 45 Resp: 23232

Ion Ratio Lower Upper

45 100

58 9.6 1.9 2.9#



#20

Methylene Chloride

Concen: 0.652 ppbv

RT: 3.934 min Scan# 414

Delta R.T. -0.003 min

Lab File: VL040746.D

Acq: 4 Oct 2023 18:53

Tgt Ion: 84 Resp: 38609

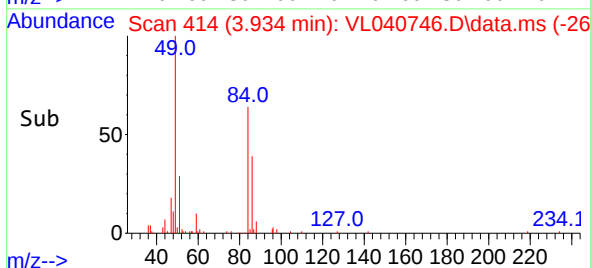
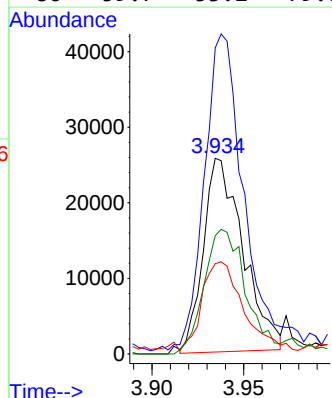
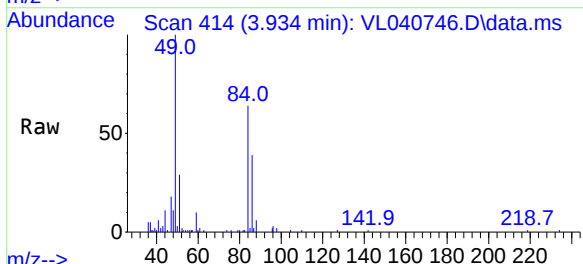
Ion Ratio Lower Upper

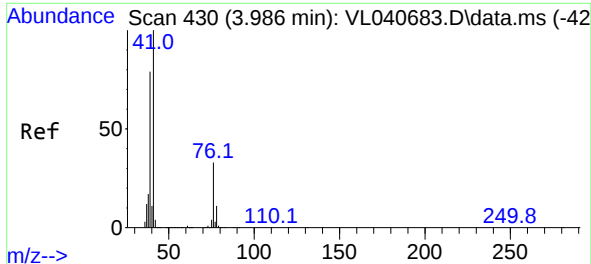
84 100

49 155.1 114.4 171.6

51 45.5 35.5 53.3

86 59.7 53.2 79.8





#21

Allyl Chloride

Concen: 0.480 ppbv

RT: 4.002 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL040746.D

Acq: 4 Oct 2023 18:53

Instrument :

MSVOA_L

ClientSampleId :

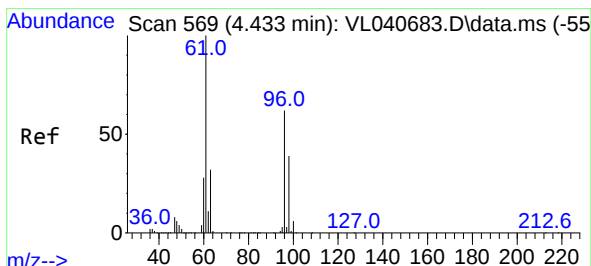
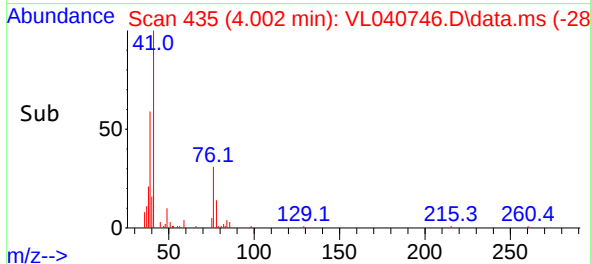
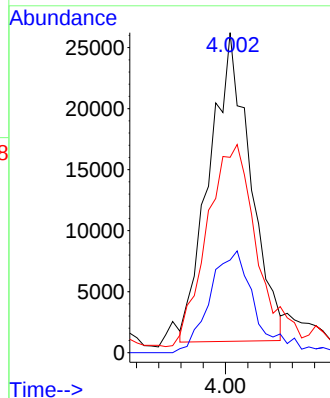
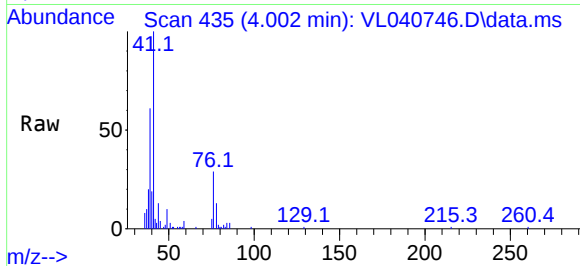
Tgt Ion: 41 Resp: 32367

Ion Ratio Lower Upper

41 100

76 38.2 26.6 40.0

39 96.4 65.0 97.4



#22

trans-1,2-Dichloroethene

Concen: 0.236 ppbv

RT: 4.442 min Scan# 572

Delta R.T. -0.010 min

Lab File: VL040746.D

Acq: 4 Oct 2023 18:53

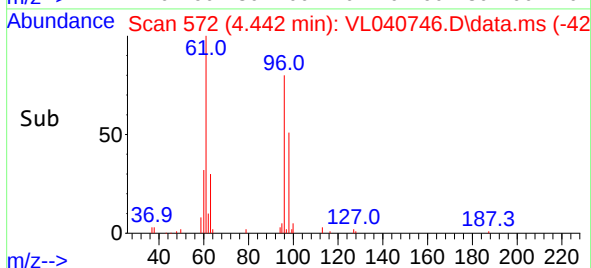
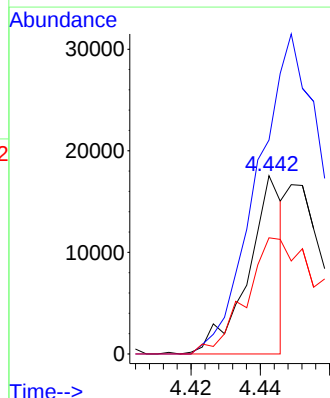
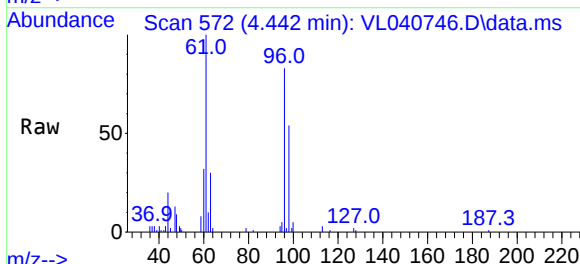
Tgt Ion: 96 Resp: 11981

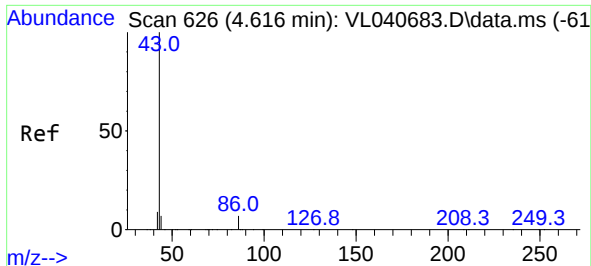
Ion Ratio Lower Upper

96 100

61 120.0 129.9 194.9#

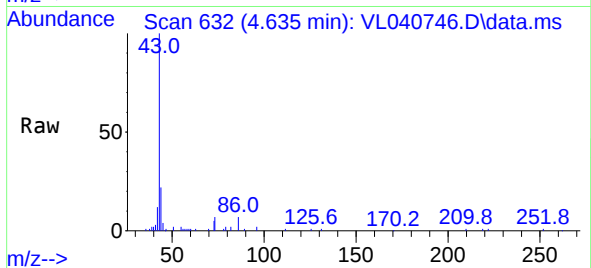
98 65.2 50.2 75.4



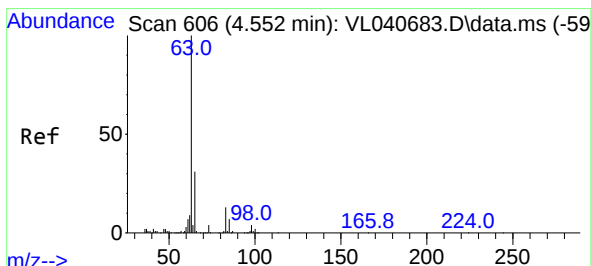
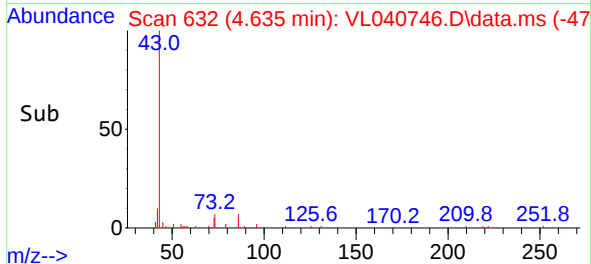
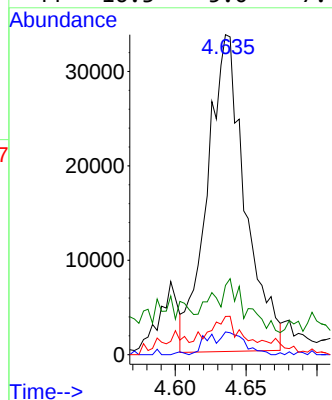


#23
 Vinyl Acetate
 Concen: 0.549 ppbv
 RT: 4.635 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL040746.D
 Acq: 4 Oct 2023 18:53

Instrument :
 MSVOA_L
 ClientSampleId :

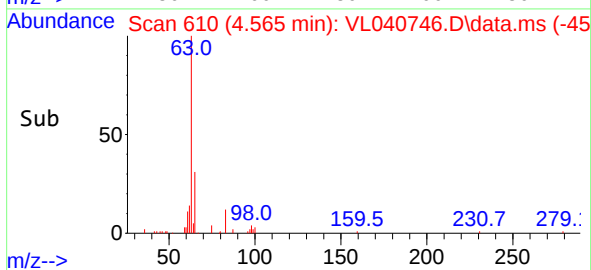
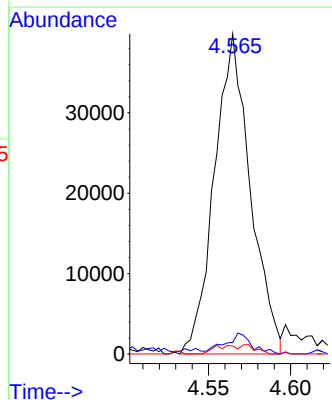
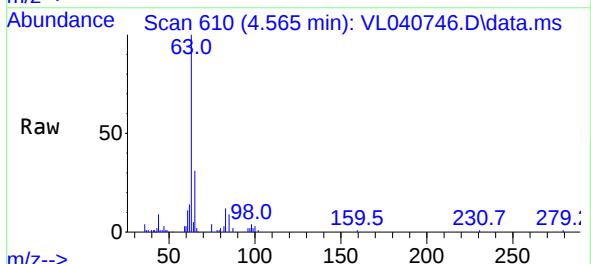


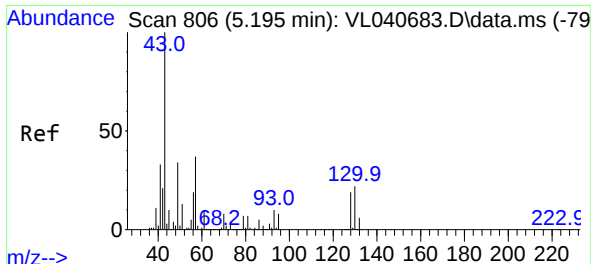
Tgt Ion: 43 Resp: 62479
 Ion Ratio Lower Upper
 43 100
 86 7.2 5.6 8.4
 42 9.4 7.6 11.4
 44 16.3 5.0 7.4#



#24
 1,1-Dichloroethane
 Concen: 0.570 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. -0.003 min
 Lab File: VL040746.D
 Acq: 4 Oct 2023 18:53

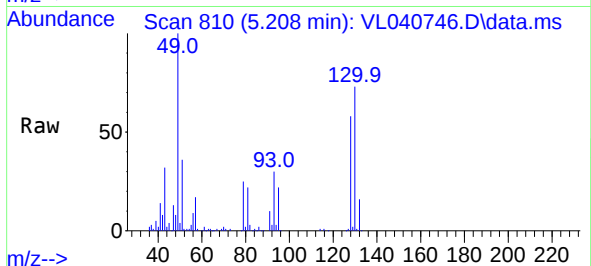
Tgt Ion: 63 Resp: 60639
 Ion Ratio Lower Upper
 63 100
 98 3.6 1.8 5.5
 100 2.5 1.2 3.6





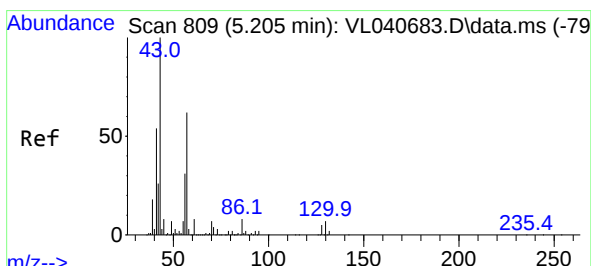
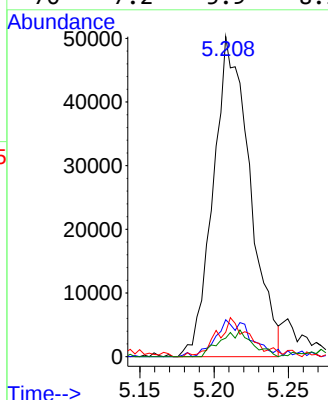
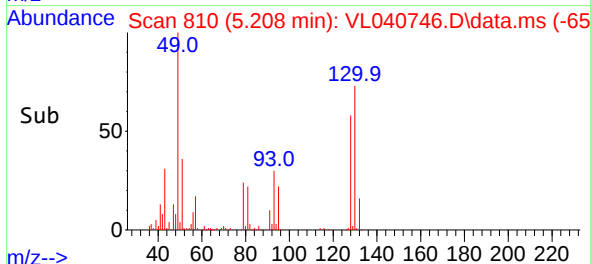
#25
Ethyl Acetate
Concen: 0.486 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.003 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

Instrument :
MSVOA_L
ClientSampleId :

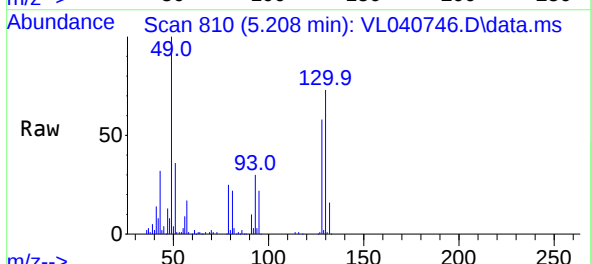


Tgt Ion: 43 Resp: 86123

Ion	Ratio	Lower	Upper
43	100		
45	12.1	8.2	12.4
61	11.7	8.2	12.4
70	7.2	5.9	8.9

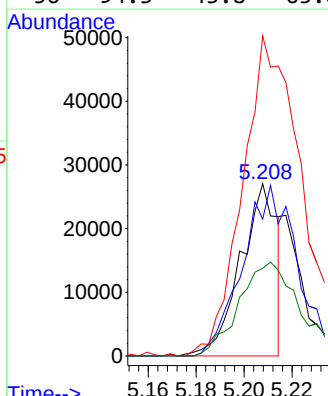
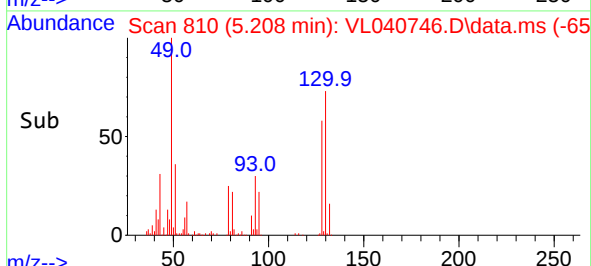


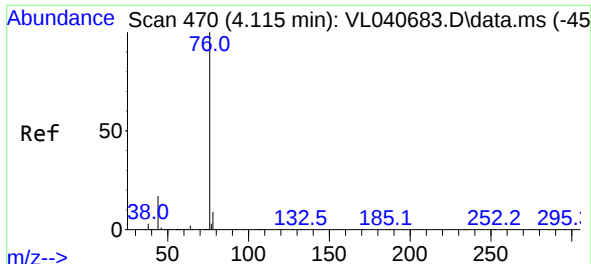
#26
Hexane
Concen: 0.339 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.013 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53



Tgt Ion: 57 Resp: 28425

Ion	Ratio	Lower	Upper
57	100		
41	160.8	75.2	112.8#
43	329.3	185.6	278.4#
56	94.3	43.8	65.8#

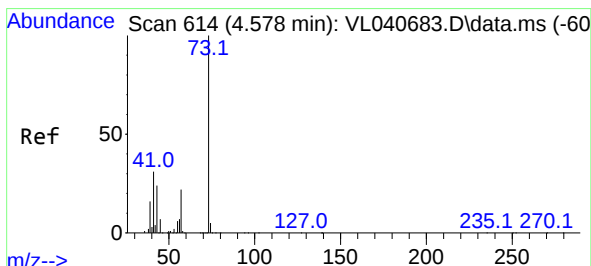
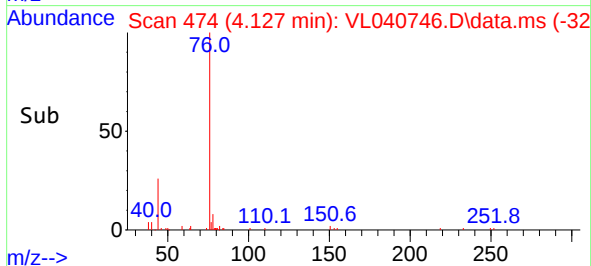
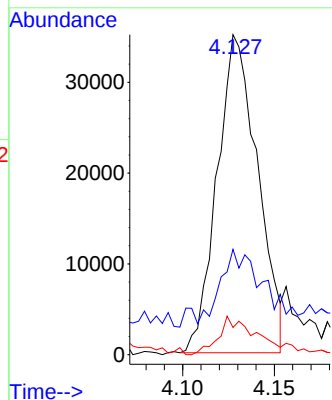
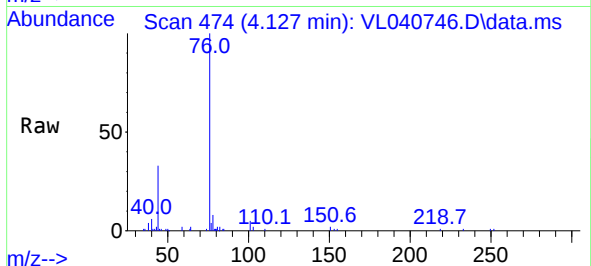




#27
Carbon Disulfide
Concen: 0.461 ppbv
RT: 4.127 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

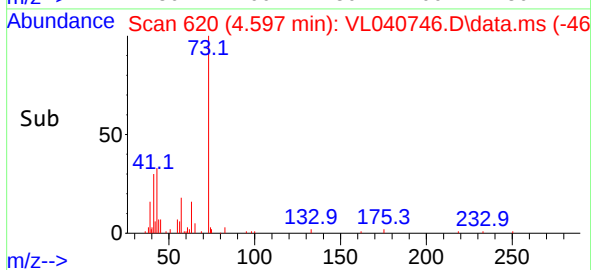
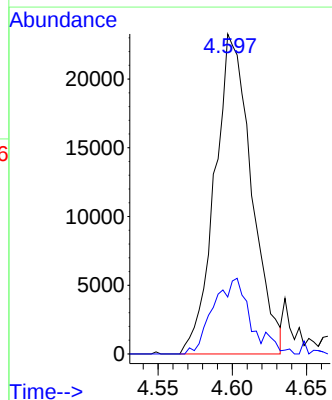
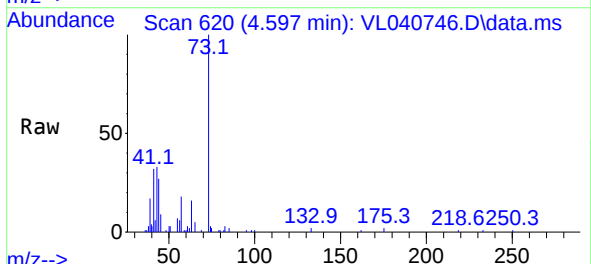
Instrument :
MSVOA_L
ClientSampleId :

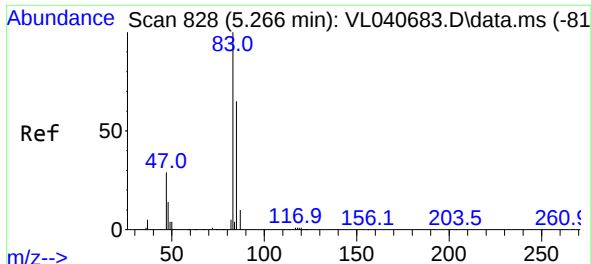
Tgt Ion: 76 Resp: 53933
Ion Ratio Lower Upper
76 100
44 30.3 14.5 21.7#
78 12.6 7.7 11.5#



#28
Methyl tert-Butyl Ether
Concen: 0.556 ppbv
RT: 4.597 min Scan# 620
Delta R.T. 0.006 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

Tgt Ion: 73 Resp: 40106
Ion Ratio Lower Upper
73 100
57 24.6 18.8 28.2





#29

Chloroform

Concen: 0.549 ppbv

RT: 5.272 min Scan# 81

Delta R.T. -0.010 min

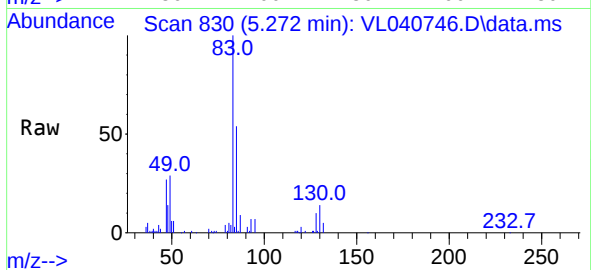
Lab File: VL040746.D

Acq: 4 Oct 2023 18:53

Instrument :

MSVOA_L

ClientSampleId :

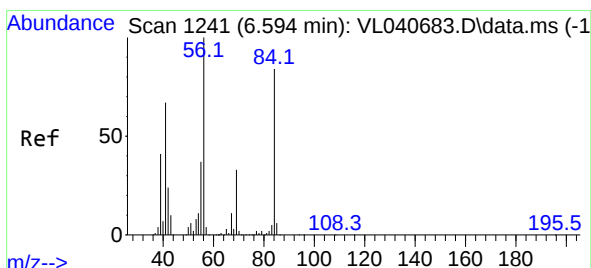
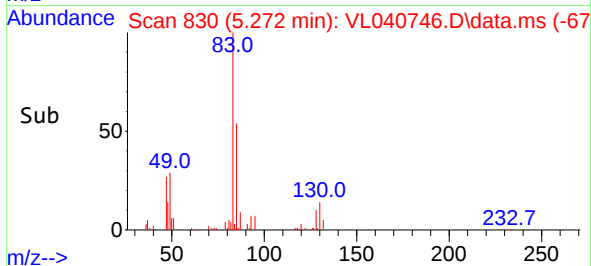
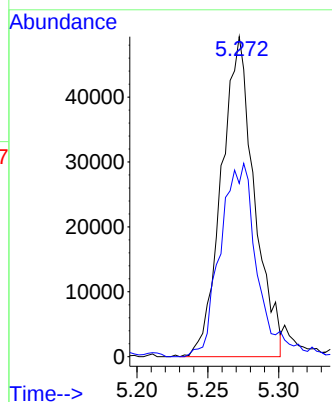


Tgt Ion: 83 Resp: 79519

Ion Ratio Lower Upper

83 100

85 54.2 51.8 77.8



#30

Cyclohexane

Concen: 0.096 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. -0.010 min

Lab File: VL040746.D

Acq: 4 Oct 2023 18:53

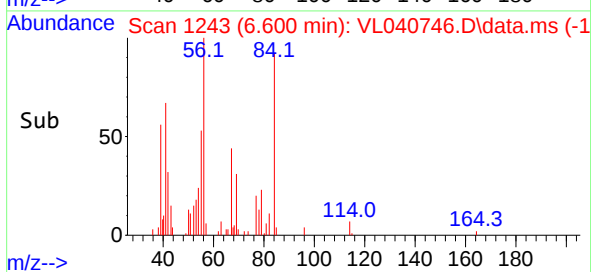
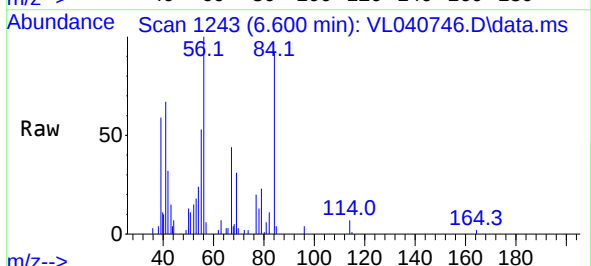
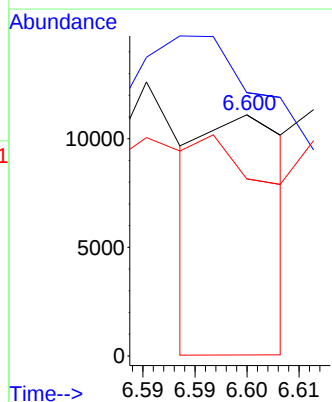
Tgt Ion: 84 Resp: 6072

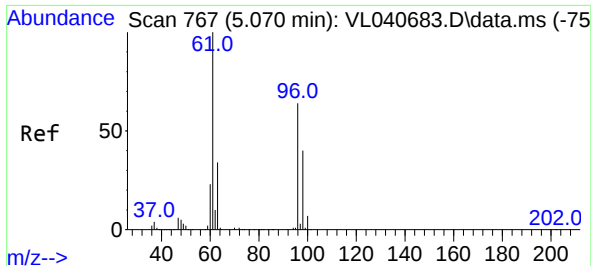
Ion Ratio Lower Upper

84 100

56 469.1 103.2 154.8#

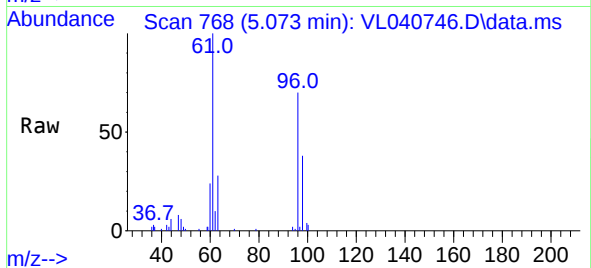
41 394.9 65.5 98.3#





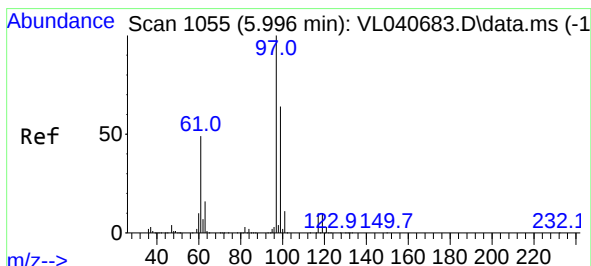
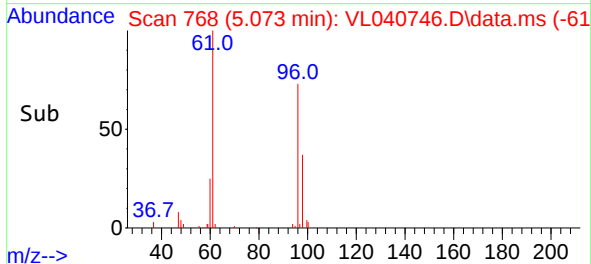
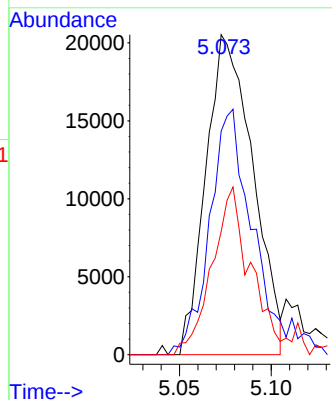
#31
 cis-1,2-Dichloroethene
 Concen: 0.469 ppbv
 RT: 5.073 min Scan# 767
 Delta R.T. -0.013 min
 Lab File: VL040746.D
 Acq: 4 Oct 2023 18:53

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 61 Resp: 36500

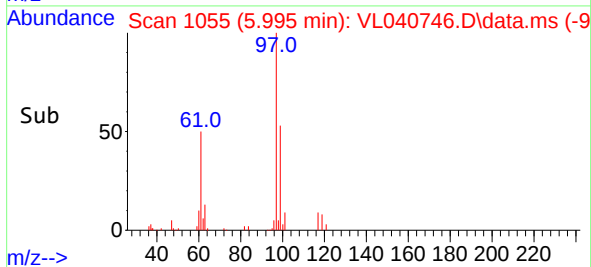
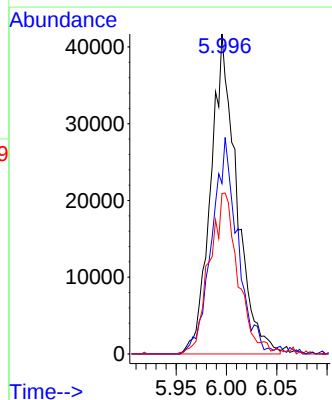
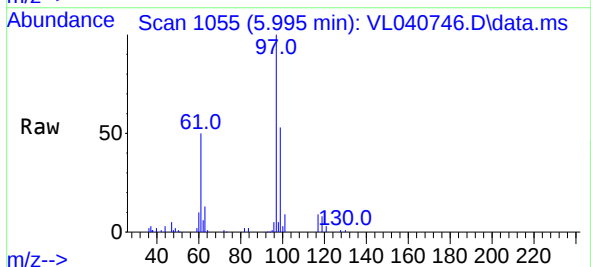
Ion	Ratio	Lower	Upper
61	100		
96	67.4	51.2	76.8
98	34.9	32.3	48.5

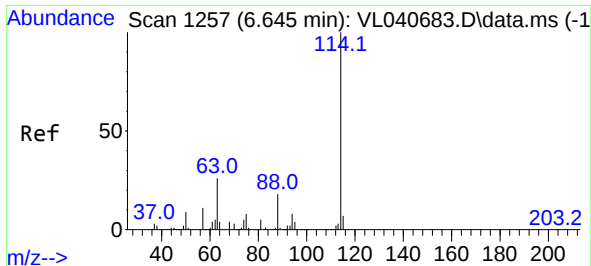


#32
 1,1,1-Trichloroethane
 Concen: 0.508 ppbv
 RT: 5.995 min Scan# 1055
 Delta R.T. -0.016 min
 Lab File: VL040746.D
 Acq: 4 Oct 2023 18:53

Tgt Ion: 97 Resp: 75199

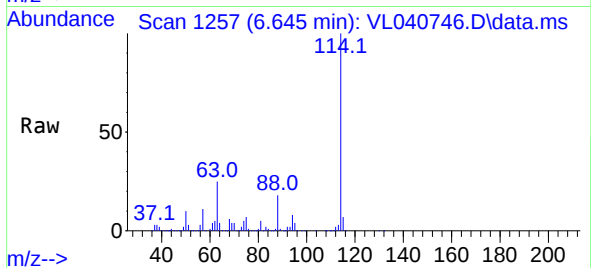
Ion	Ratio	Lower	Upper
97	100		
99	68.2	52.4	78.6
61	56.0	40.2	60.4





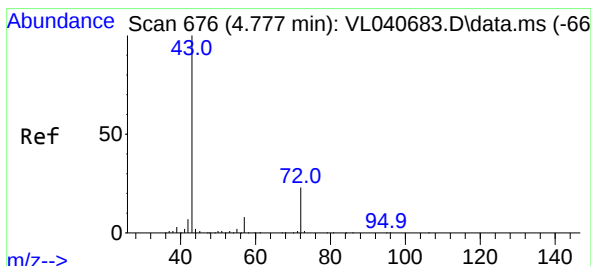
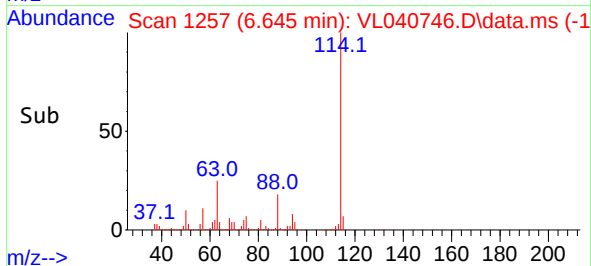
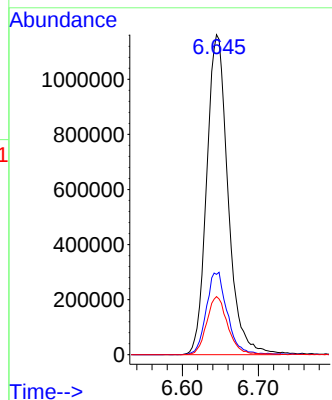
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:114 Resp: 2266385

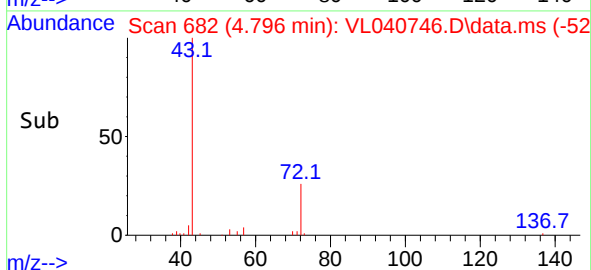
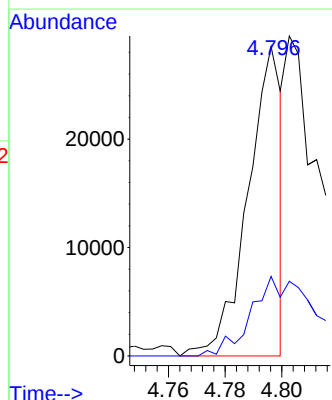
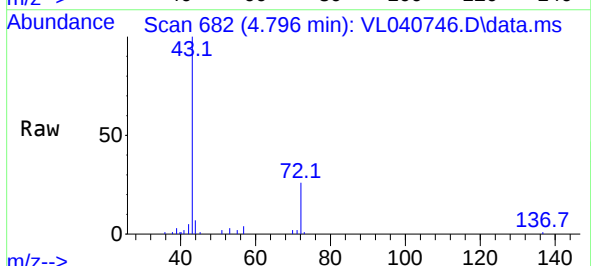
Ion	Ratio	Lower	Upper
114	100		
63	25.8	21.1	31.7
88	18.0	14.5	21.7

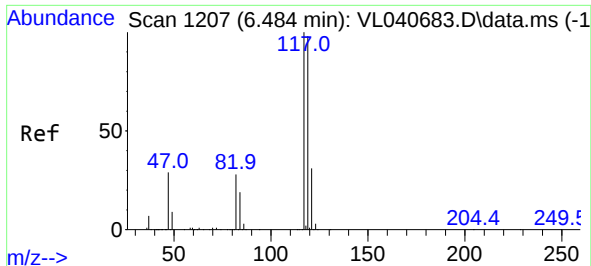


#34
2-Butanone
Concen: 0.206 ppbv
RT: 4.796 min Scan# 682
Delta R.T. 0.006 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

Tgt Ion: 43 Resp: 23498

Ion	Ratio	Lower	Upper
43	100		
72	58.3	18.6	27.8

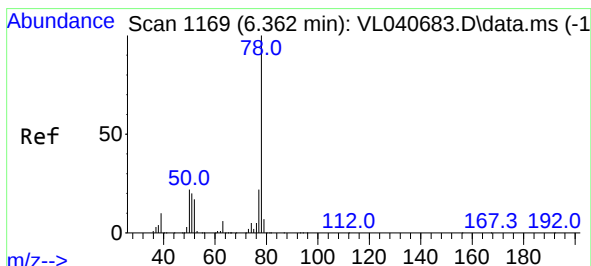
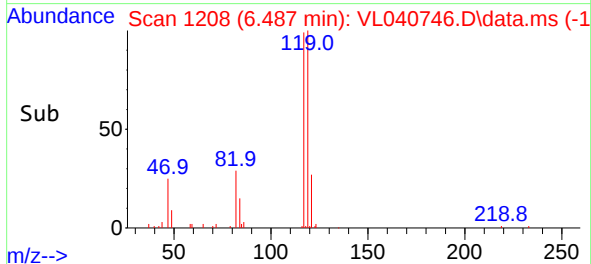
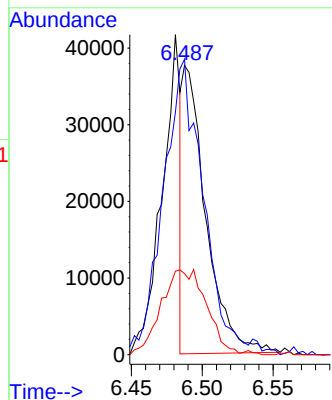
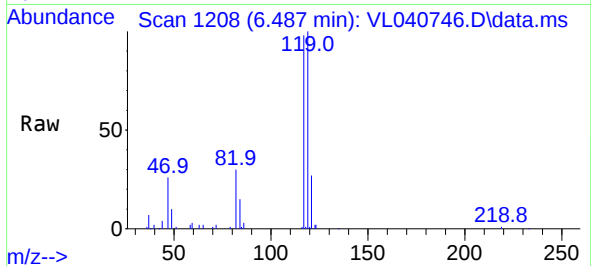




#35
Carbon Tetrachloride
Concen: 0.274 ppbv
RT: 6.487 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

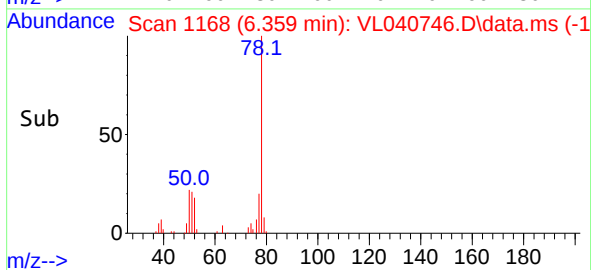
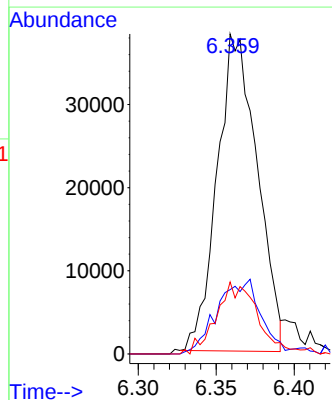
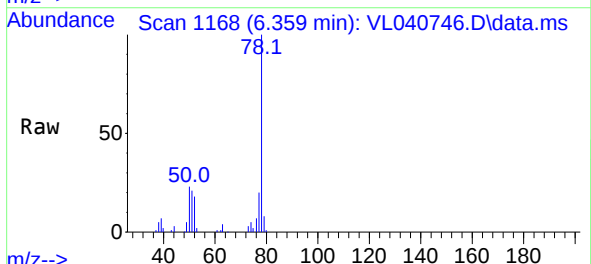
Instrument :
MSVOA_L
ClientSampleId :

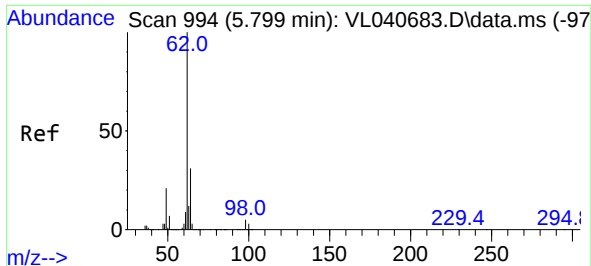
Tgt Ion:117 Resp: 42679
Ion Ratio Lower Upper
117 100
119 103.0 78.6 117.8
121 27.8 24.7 37.1



#36
Benzene
Concen: 0.407 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. -0.023 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

Tgt Ion: 78 Resp: 68275
Ion Ratio Lower Upper
78 100
77 20.3 17.9 26.9
50 22.8 17.3 25.9





#37

1,2-Dichloroethane

Concen: 0.486 ppbv

RT: 5.803 min Scan# 91

Delta R.T. -0.013 min

Lab File: VL040746.D

Acq: 4 Oct 2023 18:53

Instrument :

MSVOA_L

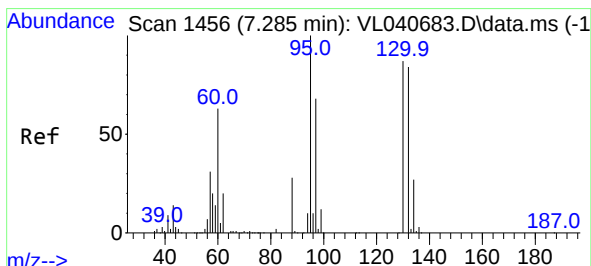
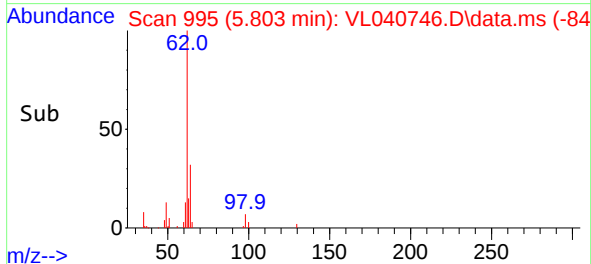
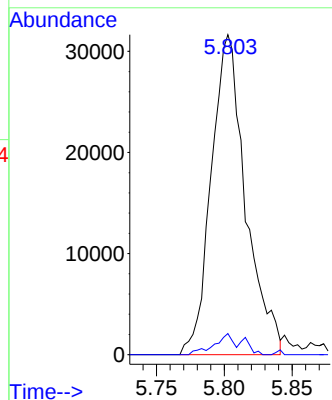
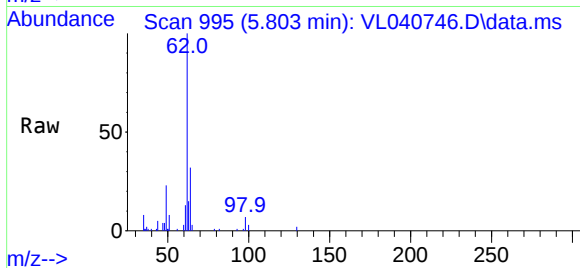
ClientSampleId :

Tgt Ion: 62 Resp: 55792

Ion Ratio Lower Upper

62 100

98 5.4 4.2 6.4



#38

Trichloroethene

Concen: 0.224 ppbv

RT: 7.278 min Scan# 1454

Delta R.T. -0.023 min

Lab File: VL040746.D

Acq: 4 Oct 2023 18:53

Tgt Ion: 130 Resp: 14351

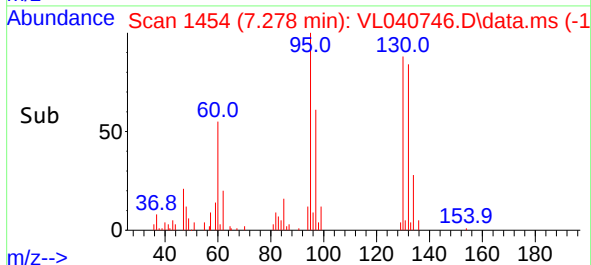
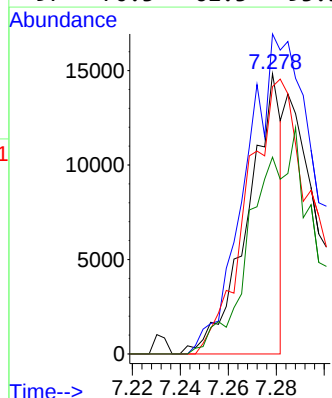
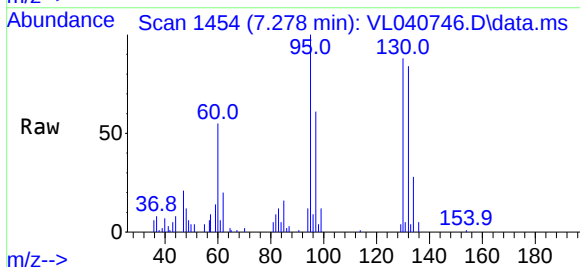
Ion Ratio Lower Upper

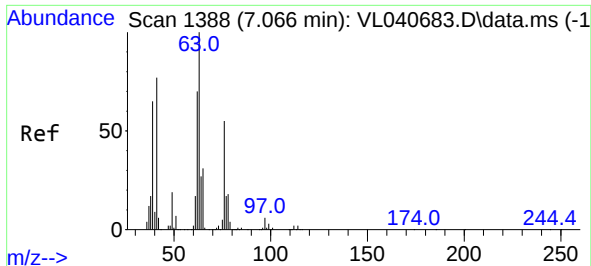
130 100

95 114.2 91.9 137.9

132 95.4 77.3 115.9

97 70.3 62.3 93.5





#39

1,2-Dichloropropane

Concen: 0.282 ppbv

RT: 7.063 min Scan# 11

Delta R.T. -0.019 min

Lab File: VL040746.D

Acq: 4 Oct 2023 18:53

Instrument :

MSVOA_L

ClientSampleId :

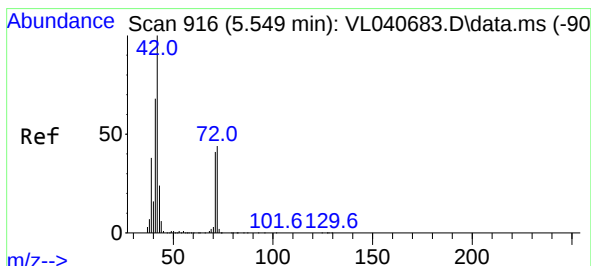
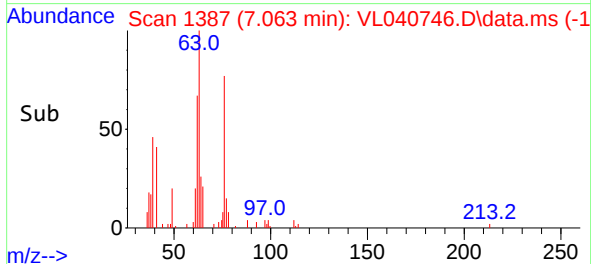
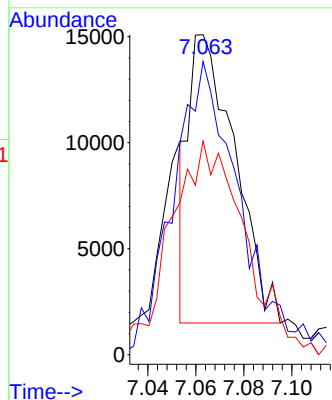
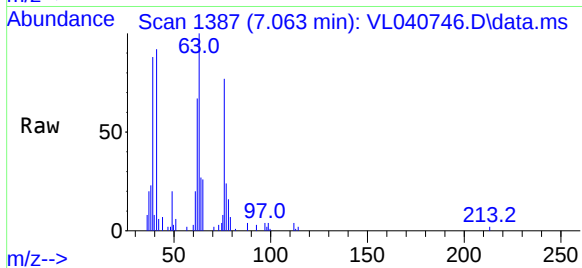
Tgt Ion: 63 Resp: 18211

Ion Ratio Lower Upper

63 100

41 84.6 61.6 92.4

62 60.7 55.8 83.8



#41

Tetrahydrofuran

Concen: 0.096 ppbv

RT: 5.568 min Scan# 922

Delta R.T. 0.006 min

Lab File: VL040746.D

Acq: 4 Oct 2023 18:53

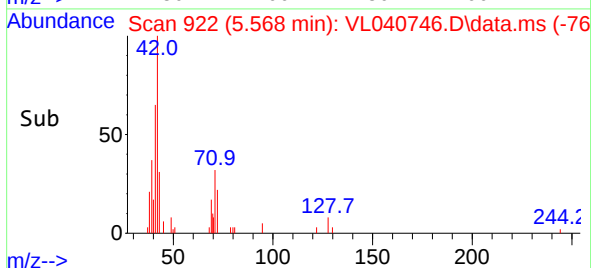
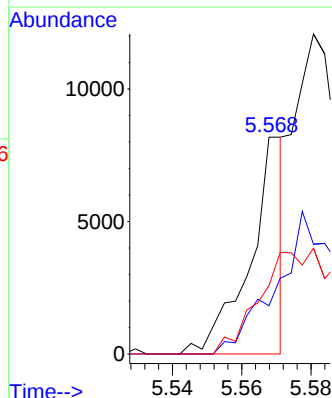
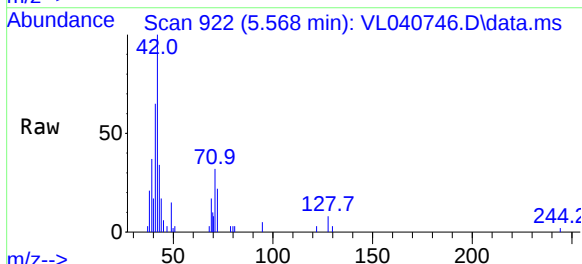
Tgt Ion: 42 Resp: 5586

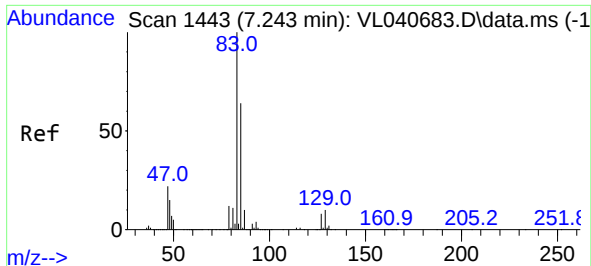
Ion Ratio Lower Upper

42 100

72 0.0 34.9 52.3#

71 0.0 33.8 50.8#

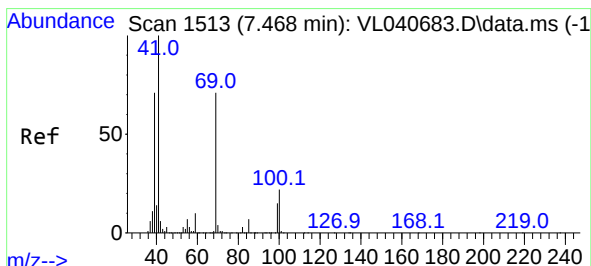
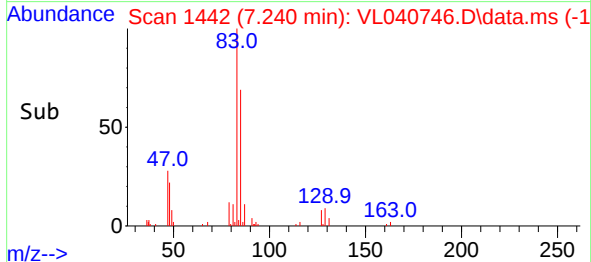
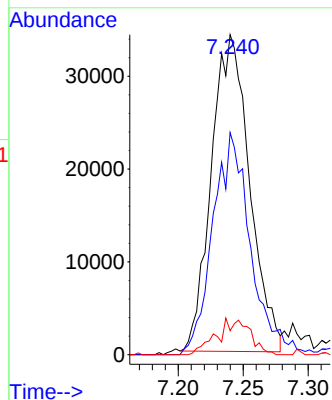
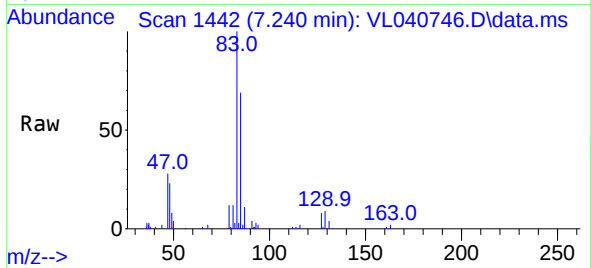




#42
Bromodichloromethane
Concen: 0.446 ppbv
RT: 7.240 min Scan# 1443
Delta R.T. -0.019 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

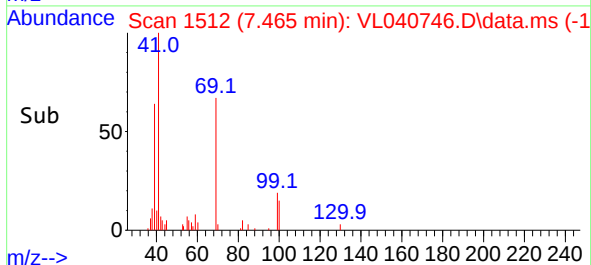
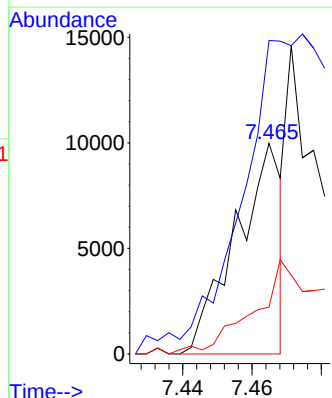
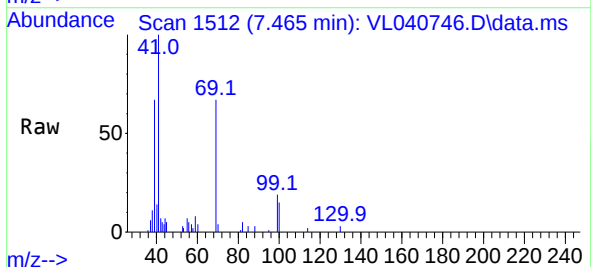
Instrument :
MSVOA_L
ClientSampleId :

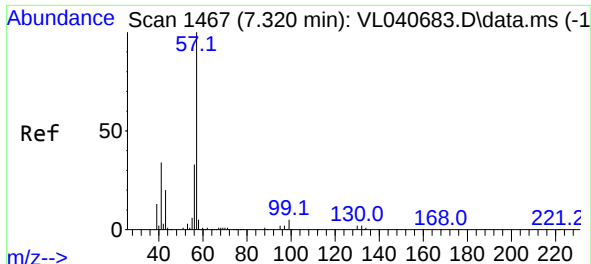
Tgt Ion: 83 Resp: 69874
Ion Ratio Lower Upper
83 100
85 70.2 51.2 76.8
127 7.6 6.2 9.4



#43
Methyl Methacrylate
Concen: 0.147 ppbv
RT: 7.465 min Scan# 1512
Delta R.T. -0.016 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

Tgt Ion: 69 Resp: 9163
Ion Ratio Lower Upper
69 100
41 0.0 113.8 170.8#
100 84.7 25.4 38.0#





#44

2,2,4-Trimethylpentane

Concen: 0.412 ppbv

RT: 7.317 min Scan# 1466

Delta R.T. -0.019 min

Lab File: VL040746.D

Acq: 4 Oct 2023 18:53

Instrument :

MSVOA_L

ClientSampleId :

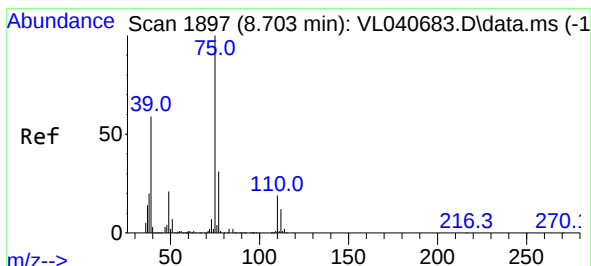
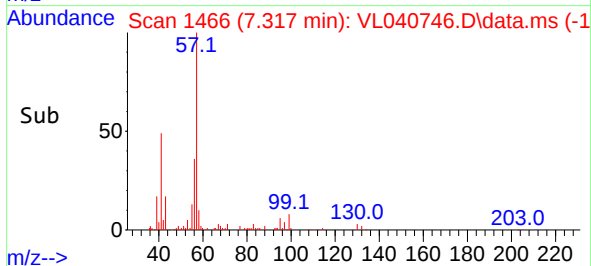
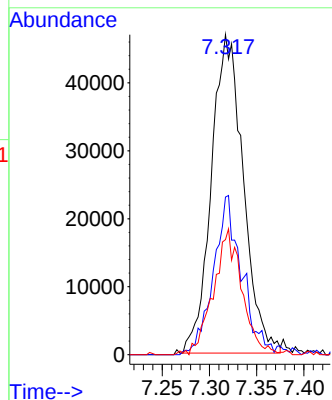
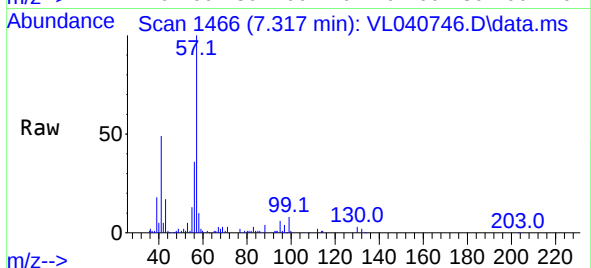
Tgt Ion: 57 Resp: 109994

Ion Ratio Lower Upper

57 100

41 45.6 28.5 42.7#

56 35.7 25.4 38.2



#45

t-1,3-Dichloropropene

Concen: 0.118 ppbv

RT: 8.703 min Scan# 1897

Delta R.T. -0.019 min

Lab File: VL040746.D

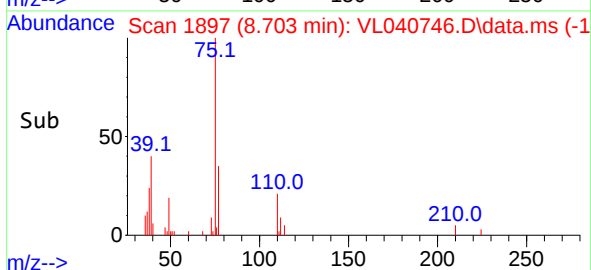
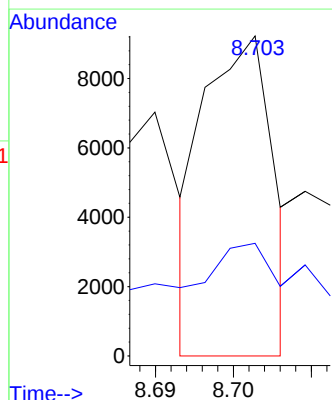
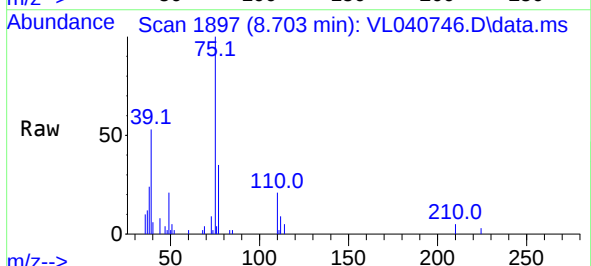
Acq: 4 Oct 2023 18:53

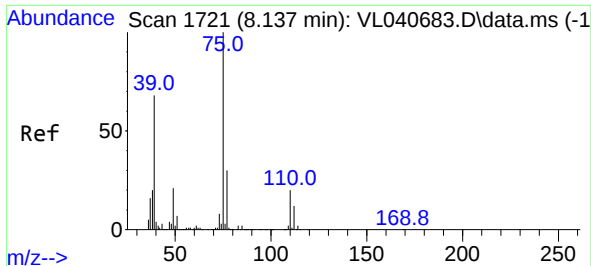
Tgt Ion: 75 Resp: 5699

Ion Ratio Lower Upper

75 100

77 35.2 24.5 36.7



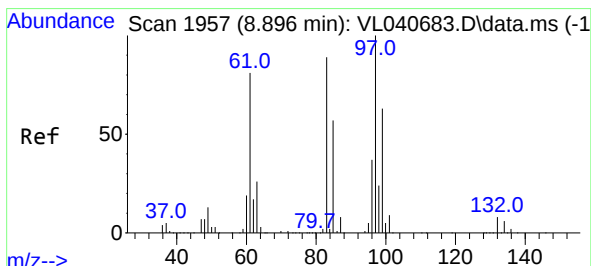
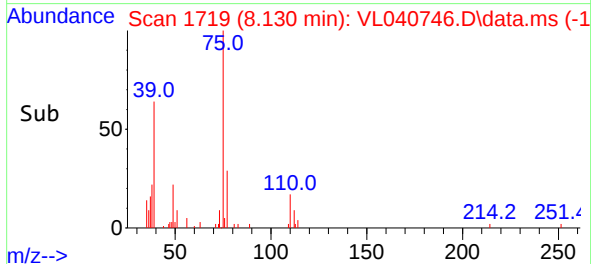
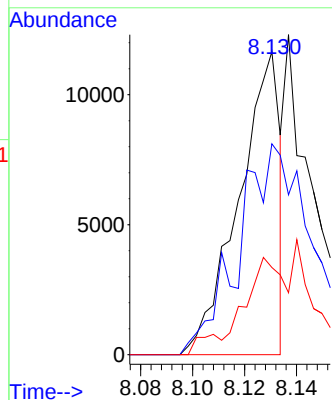
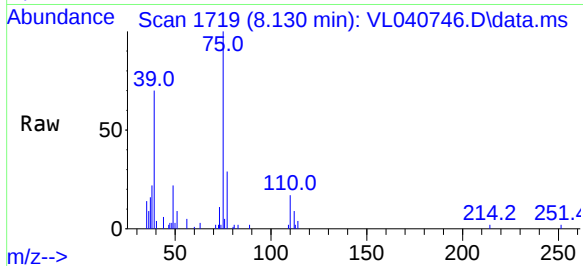


#46
 cis-1,3-Dichloropropene
 Concen: 0.216 ppbv
 RT: 8.130 min Scan# 1719
 Delta R.T. -0.019 min
 Lab File: VL040746.D
 Acq: 4 Oct 2023 18:53

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 75 Resp: 12772

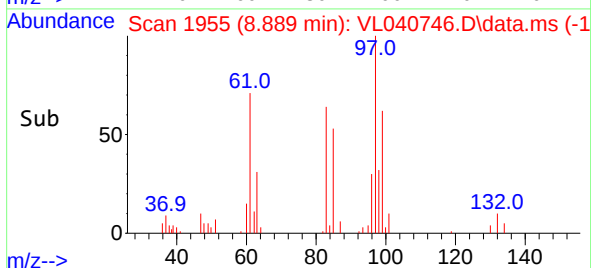
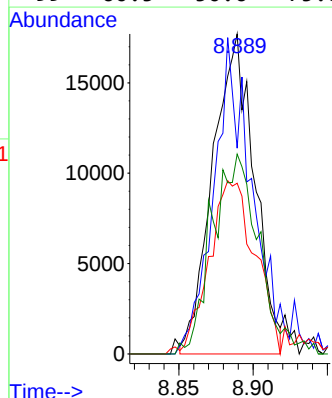
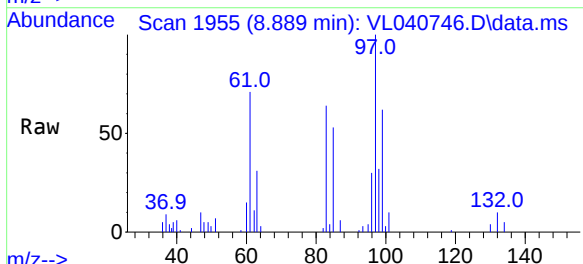
Ion	Ratio	Lower	Upper
75	100		
39	69.6	54.0	81.0
77	28.8	23.6	35.4

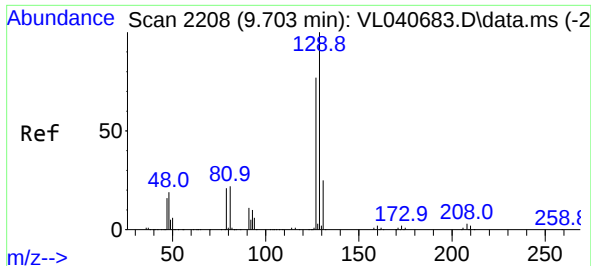


#47
 1,1,2-Trichloroethane
 Concen: 0.463 ppbv
 RT: 8.889 min Scan# 1955
 Delta R.T. -0.019 min
 Lab File: VL040746.D
 Acq: 4 Oct 2023 18:53

Tgt Ion: 97 Resp: 34344

Ion	Ratio	Lower	Upper
97	100		
83	63.3	70.8	106.2
85	54.7	45.7	68.5
99	60.5	50.6	75.8

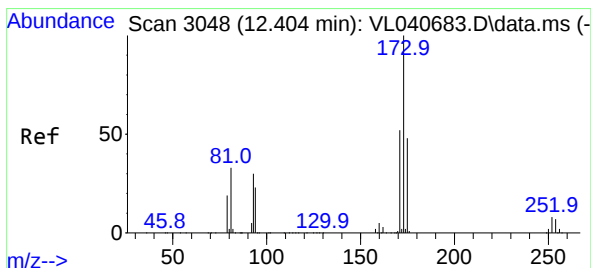
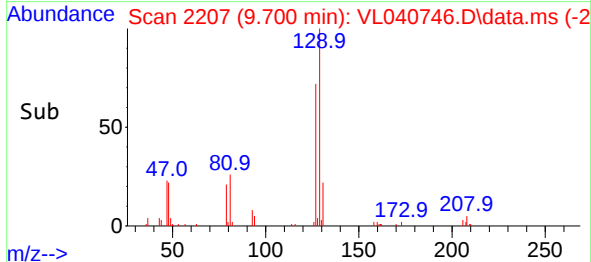
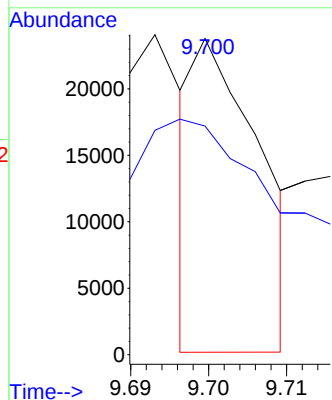
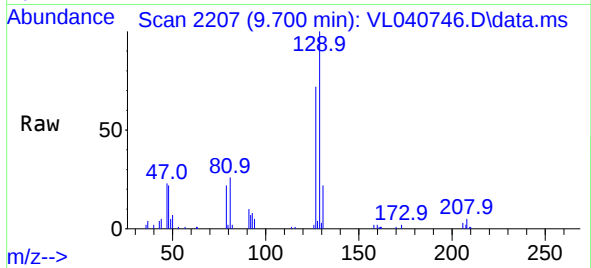




#48
Dibromochloromethane
Concen: 0.113 ppbv
RT: 9.700 min Scan# 21
Delta R.T. -0.023 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

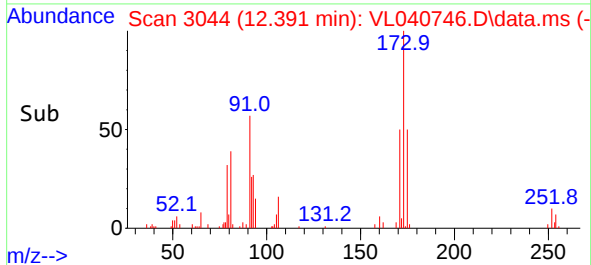
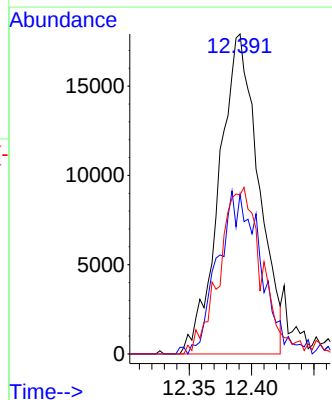
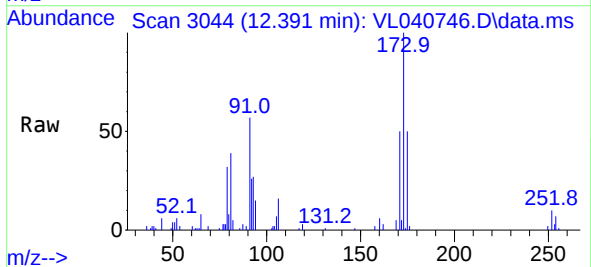
Instrument :
MSVOA_L
ClientSampleId :

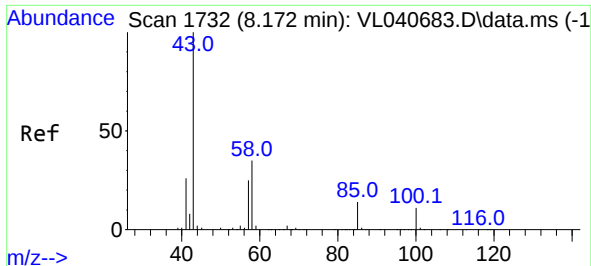
Tgt Ion:129 Resp: 13826
Ion Ratio Lower Upper
129 100
127 293.8 39.4 118.2#



#49
Bromoform
Concen: 0.392 ppbv
RT: 12.391 min Scan# 3044
Delta R.T. -0.029 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

Tgt Ion:173 Resp: 39354
Ion Ratio Lower Upper
173 100
175 56.5 38.8 58.2
171 55.7 42.2 63.2

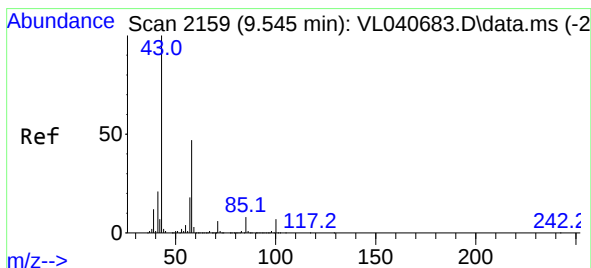
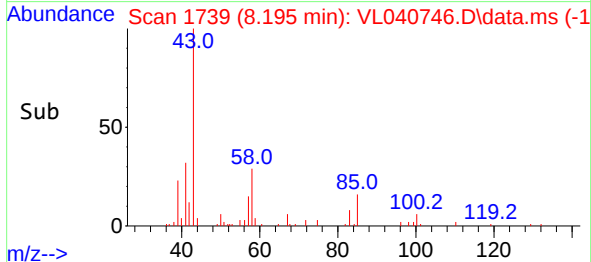
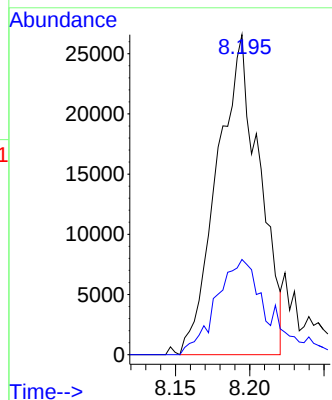
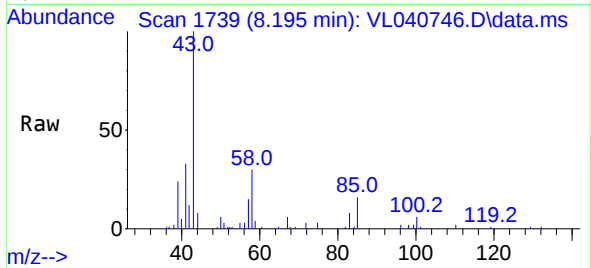




#50
4-Methyl-2-Pentanone
Concen: 0.341 ppbv
RT: 8.195 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

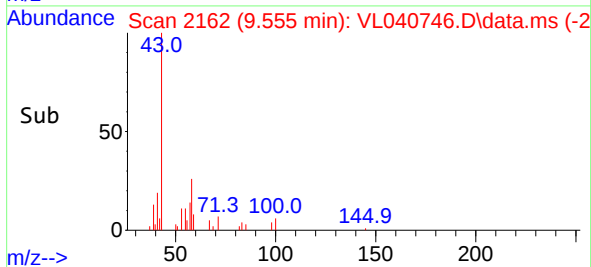
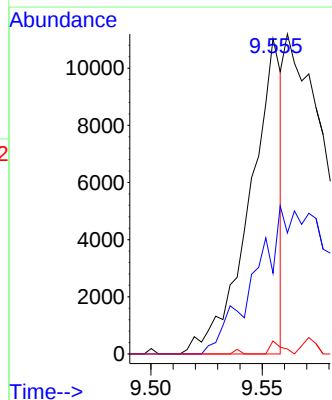
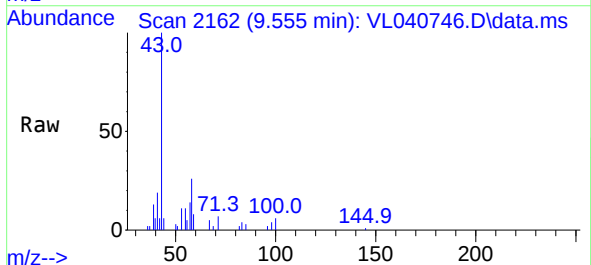
Instrument :
MSVOA_L
ClientSampleId :

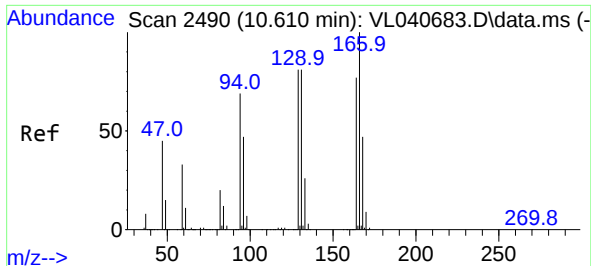
Tgt Ion: 43 Resp: 52528
Ion Ratio Lower Upper
43 100
58 37.9 28.2 42.4



#51
2-Hexanone
Concen: 0.103 ppbv
RT: 9.555 min Scan# 2162
Delta R.T. -0.000 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

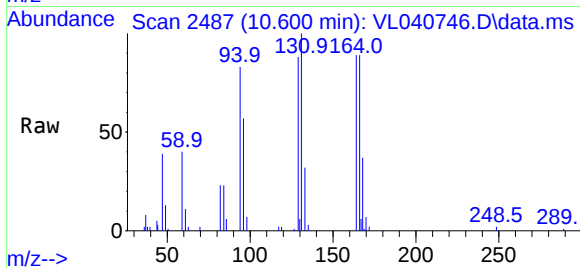
Tgt Ion: 43 Resp: 10941
Ion Ratio Lower Upper
43 100
58 0.0 37.6 56.4#
98 0.3 0.6 1.0#



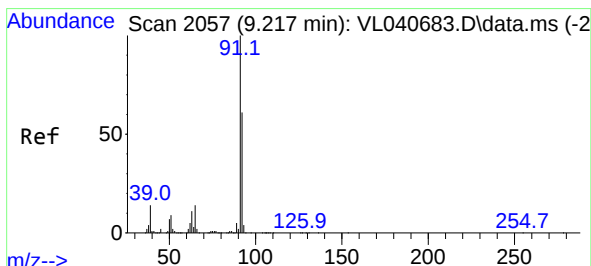
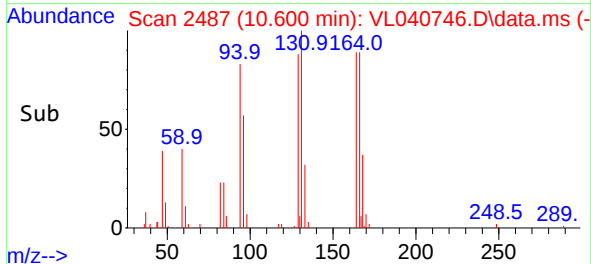
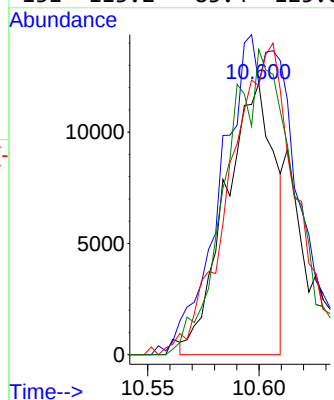


#52
Tetrachloroethene
Concen: 0.344 ppbv
RT: 10.600 min Scan# 2490
Delta R.T. -0.026 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

Instrument :
MSVOA_L
ClientSampleId :

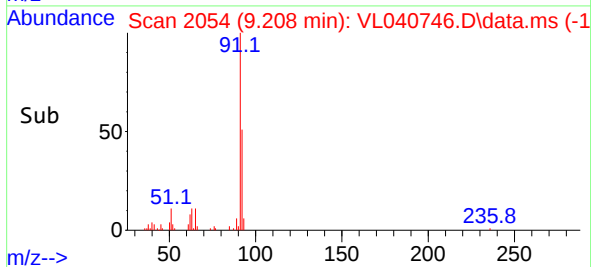
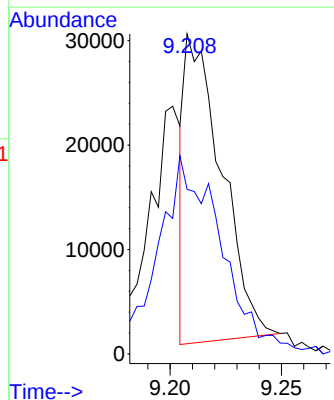
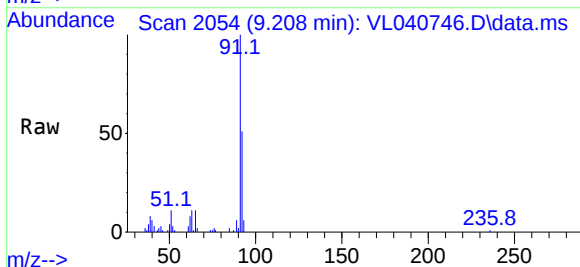


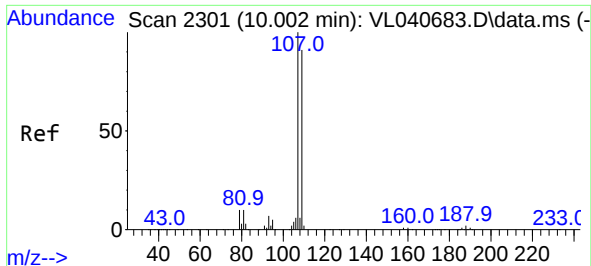
Tgt Ion:164 Resp: 18834
Ion Ratio Lower Upper
164 100
166 91.7 103.4 155.2#
129 95.8 83.5 125.3
131 113.2 83.4 125.0



#53
Toluene
Concen: 0.191 ppbv
RT: 9.208 min Scan# 2054
Delta R.T. -0.023 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

Tgt Ion: 91 Resp: 33916
Ion Ratio Lower Upper
91 100
92 111.1 48.5 72.7#

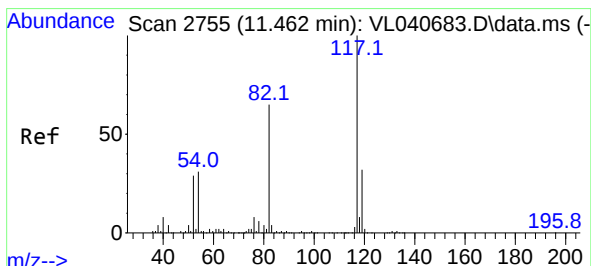
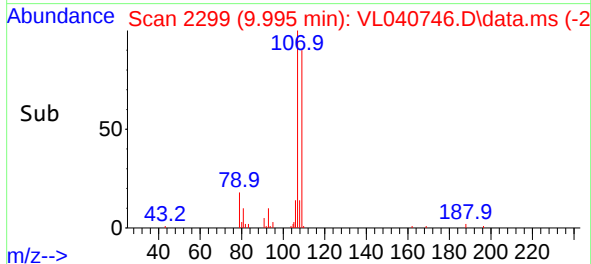
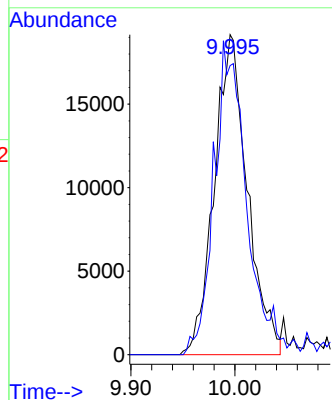
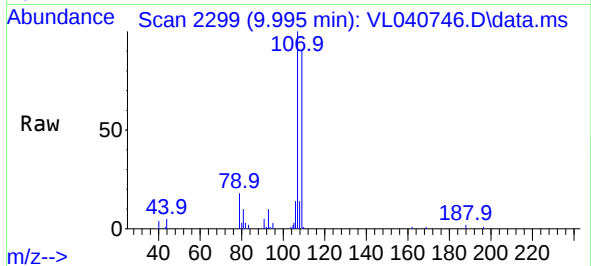




#54
1,2-Dibromoethane
Concen: 0.448 ppbv
RT: 9.995 min Scan# 21
Delta R.T. -0.023 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

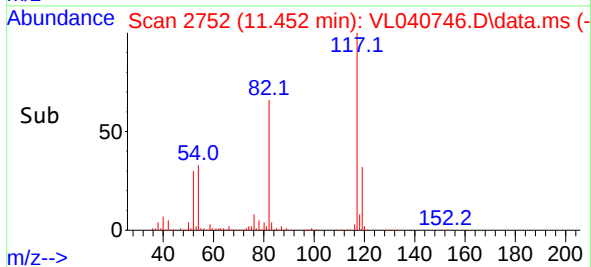
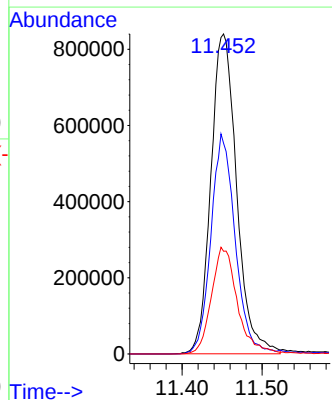
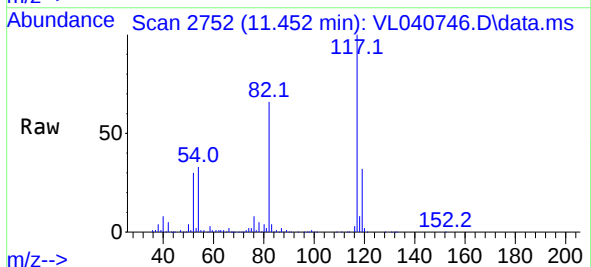
Instrument :
MSVOA_L
ClientSampleId :

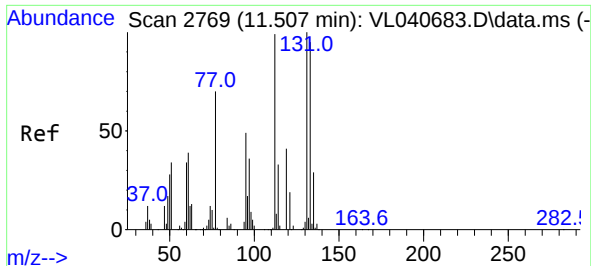
Tgt Ion:107 Resp: 42437
Ion Ratio Lower Upper
107 100
109 90.4 72.4 108.6



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 2752
Delta R.T. -0.026 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

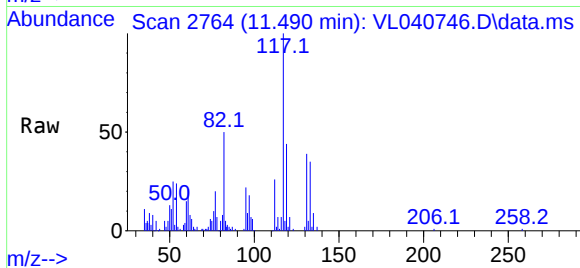
Tgt Ion:117 Resp: 1881357
Ion Ratio Lower Upper
117 100
82 65.5 51.4 77.0
119 33.9 24.7 37.1



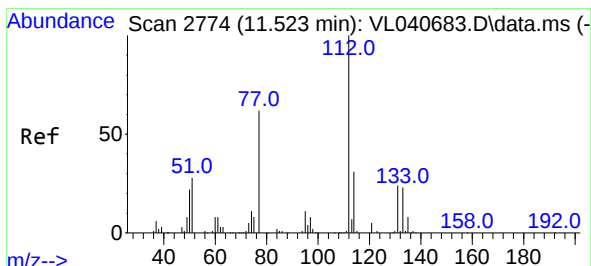
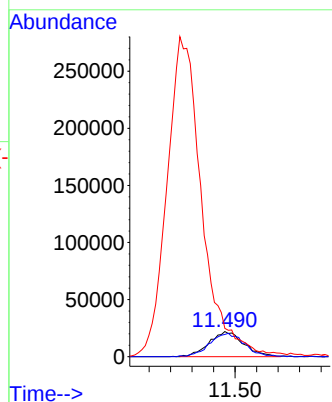
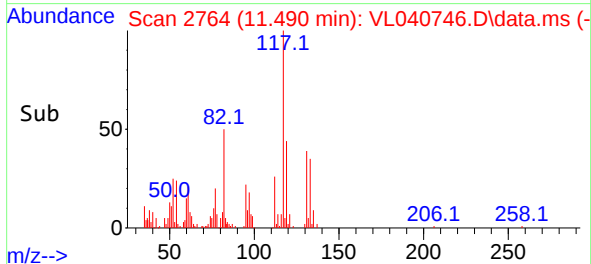


#56
1,1,1,2-Tetrachloroethane
Concen: 0.545 ppbv
RT: 11.490 min Scan# 21
Delta R.T. -0.029 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

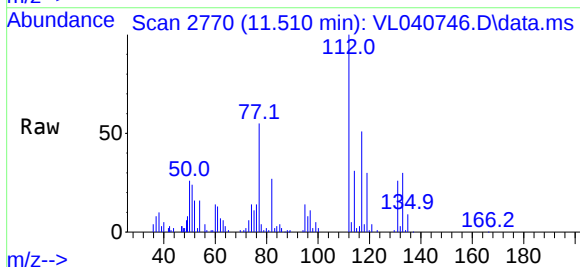
Instrument :
MSVOA_L
ClientSampleId :



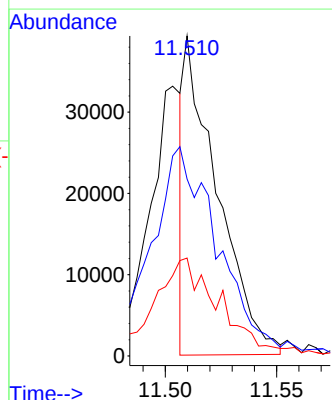
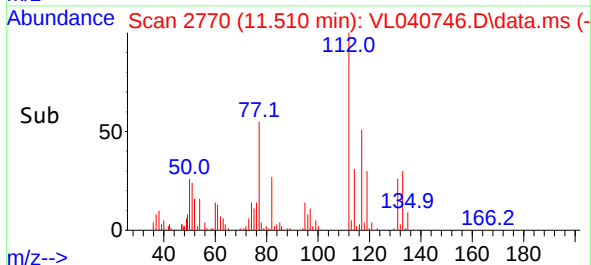
Tgt Ion:131 Resp: 48853
Ion Ratio Lower Upper
131 100
133 94.7 76.2 114.2
119 1302.3 45.5 68.3#

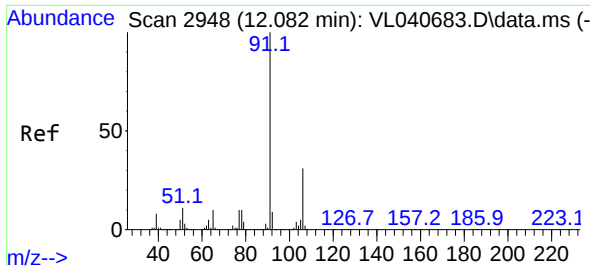


#57
Chlorobenzene
Concen: 0.285 ppbv
RT: 11.510 min Scan# 2770
Delta R.T. -0.026 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53



Tgt Ion:112 Resp: 40657
Ion Ratio Lower Upper
112 100
77 53.8 50.8 76.2
114 29.3 28.2 34.4

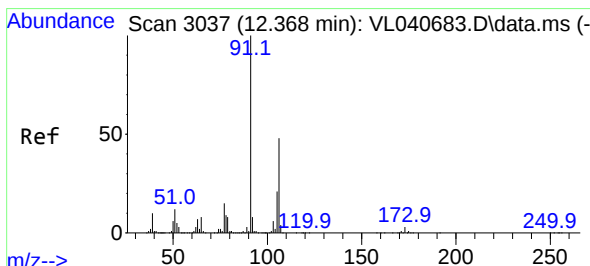
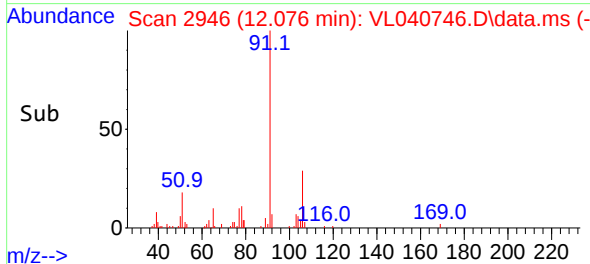
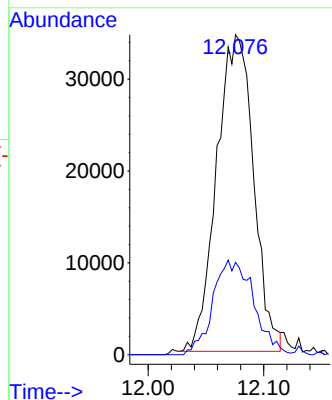
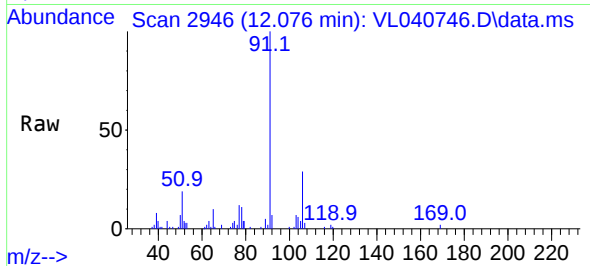




#58
Ethyl Benzene
Concen: 0.357 ppbv
RT: 12.076 min Scan# 2946
Delta R.T. -0.026 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

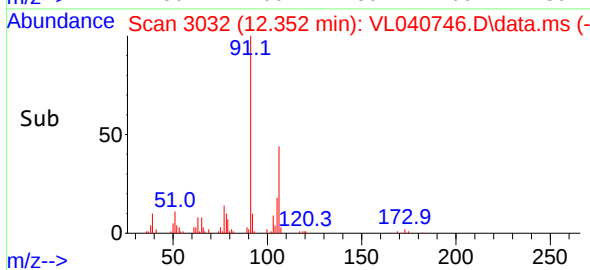
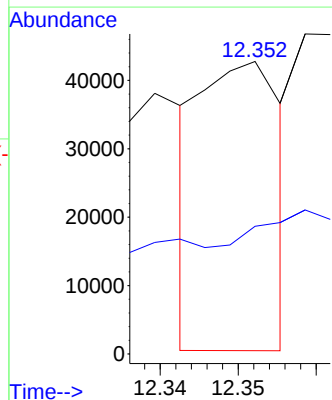
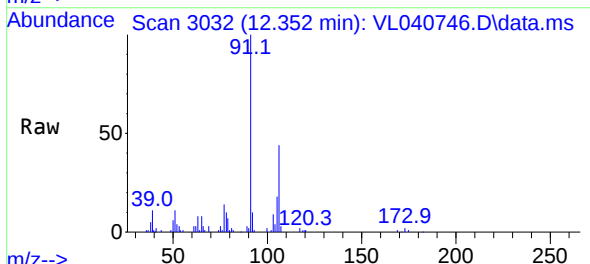
Instrument :
MSVOA_L
ClientSampleId :

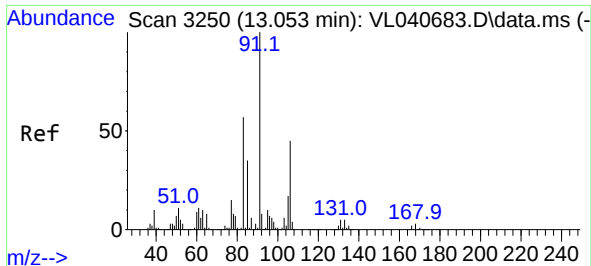
Tgt Ion: 91 Resp: 76585
Ion Ratio Lower Upper
91 100
106 29.2 24.7 37.1



#59
m/p-Xylene
Concen: 0.151 ppbv
RT: 12.352 min Scan# 3032
Delta R.T. -0.029 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

Tgt Ion: 91 Resp: 30341
Ion Ratio Lower Upper
91 100
106 0.0 34.8 52.2#

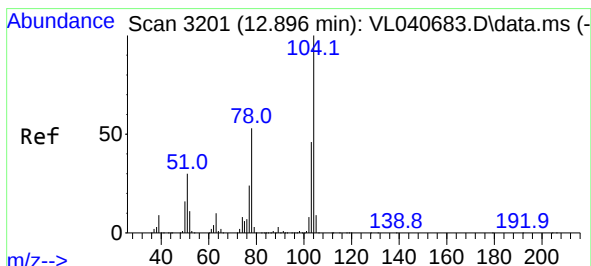
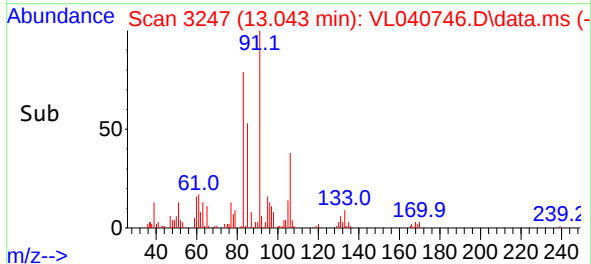
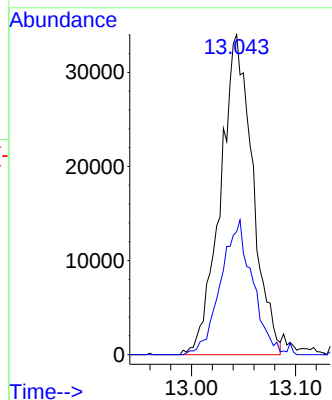
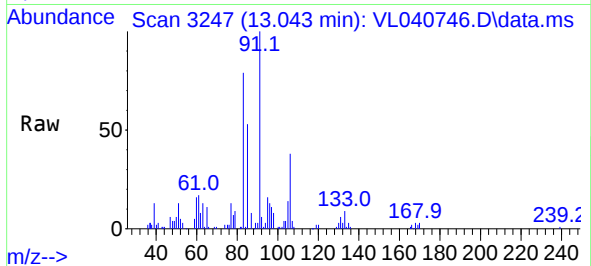




#60
o-Xylene
Concen: 0.383 ppbv
RT: 13.043 min Scan# 3197
Delta R.T. -0.026 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

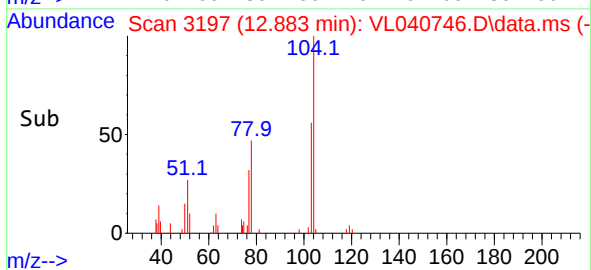
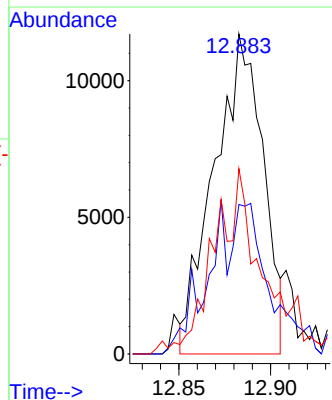
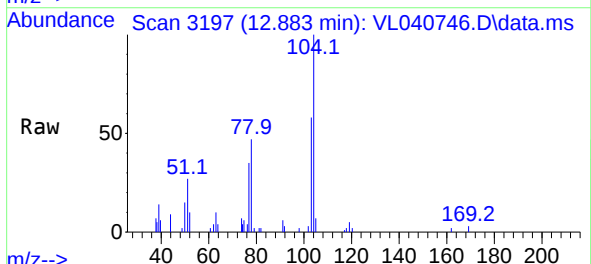
Instrument :
MSVOA_L
ClientSampleId :

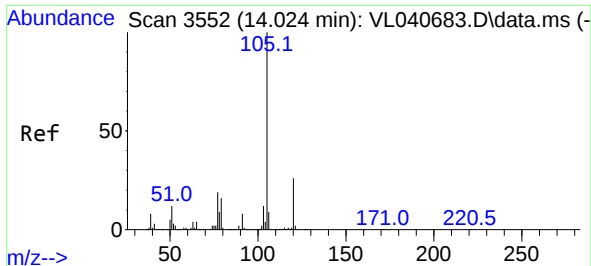
Tgt Ion: 91 Resp: 73535
Ion Ratio Lower Upper
91 100
106 41.8 22.3 66.9



#61
Styrene
Concen: 0.270 ppbv
RT: 12.883 min Scan# 3197
Delta R.T. -0.023 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

Tgt Ion:104 Resp: 21730
Ion Ratio Lower Upper
104 100
78 56.9 43.4 65.0
103 59.4 37.2 55.8#

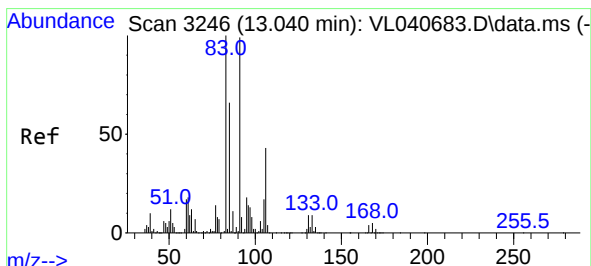
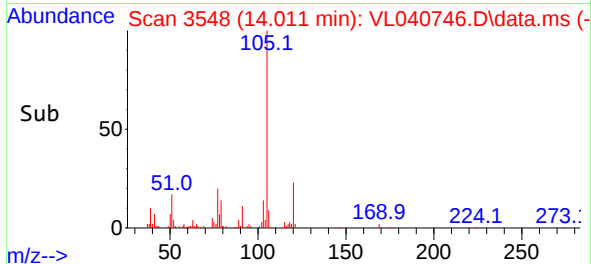
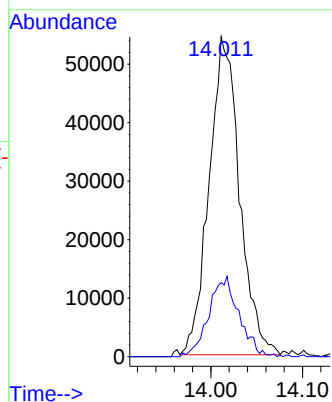
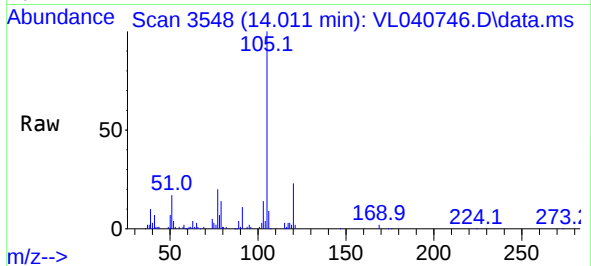




#62
Isopropylbenzene
Concen: 0.432 ppbv
RT: 14.011 min Scan# 3548
Delta R.T. -0.026 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

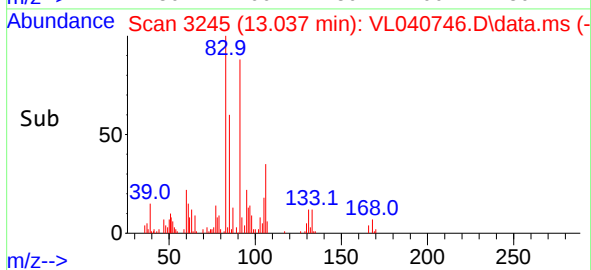
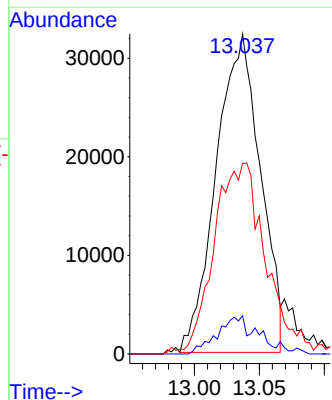
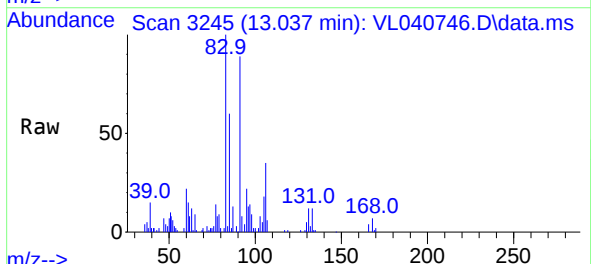
Instrument :
MSVOA_L
ClientSampleId :

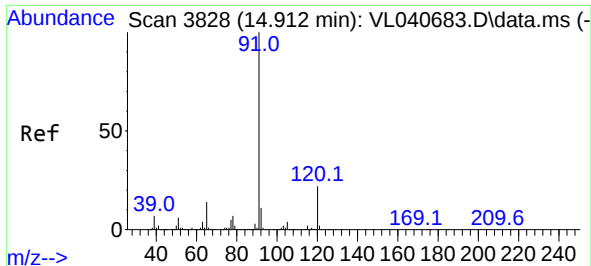
Tgt Ion:105 Resp: 125358
Ion Ratio Lower Upper
105 100
120 25.1 20.2 30.4



#63
1,1,2,2-Tetrachloroethane
Concen: 0.508 ppbv
RT: 13.037 min Scan# 3245
Delta R.T. -0.019 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

Tgt Ion: 83 Resp: 76472
Ion Ratio Lower Upper
83 100
131 11.3 4.7 14.1
85 72.9 33.1 99.3

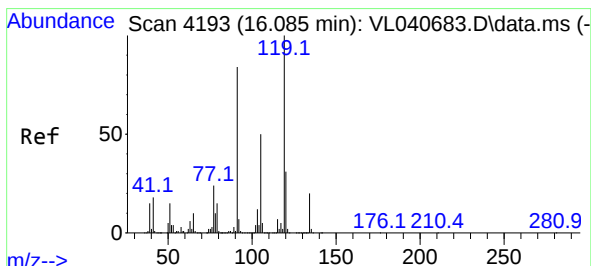
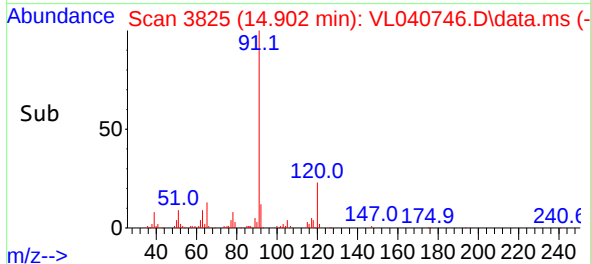
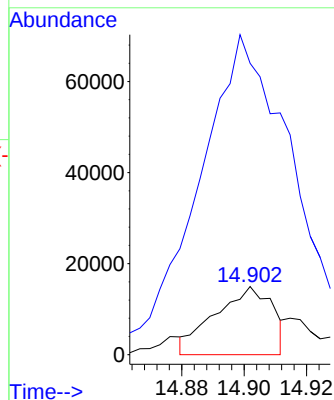
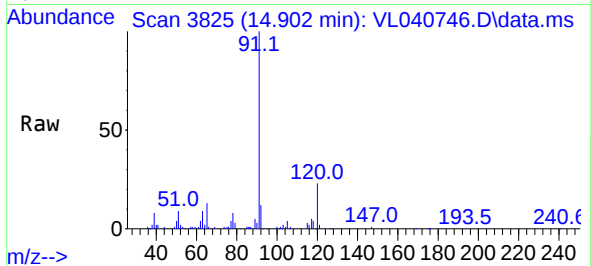




#64
n-propylbenzene
Concen: 0.264 ppbv
RT: 14.902 min Scan# 31
Delta R.T. -0.023 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

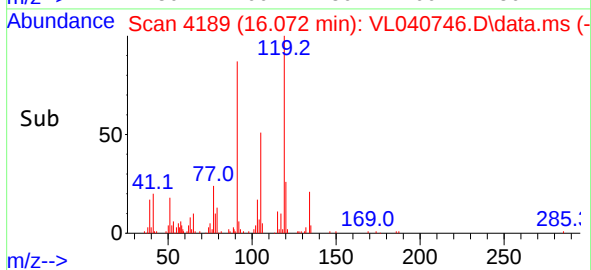
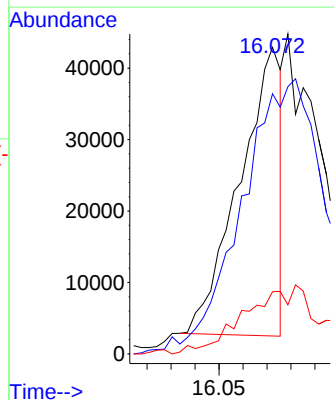
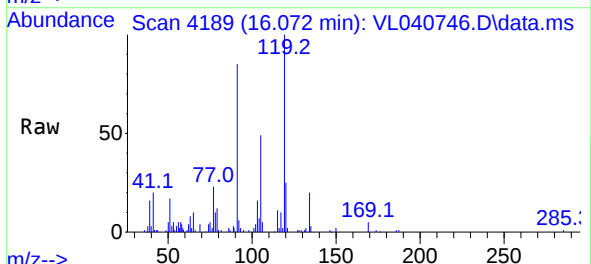
Instrument :
MSVOA_L
ClientSampleId :

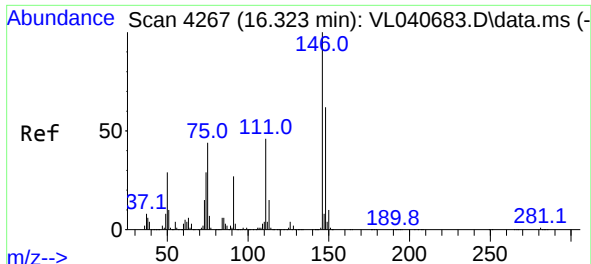
Tgt Ion:120 Resp: 19156
Ion Ratio Lower Upper
120 100
91 815.7 386.9 580.3#



#65
tert-Butylbenzene
Concen: 0.188 ppbv
RT: 16.072 min Scan# 4189
Delta R.T. -0.026 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

Tgt Ion:119 Resp: 48854
Ion Ratio Lower Upper
119 100
91 0.0 69.8 104.8#
134 0.0 15.4 23.2#

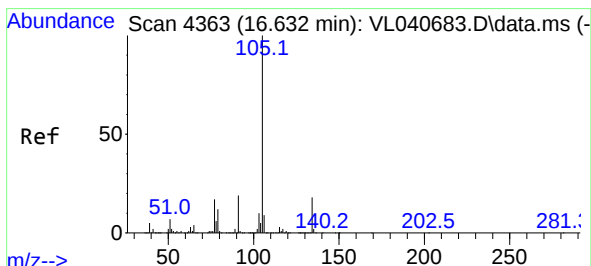
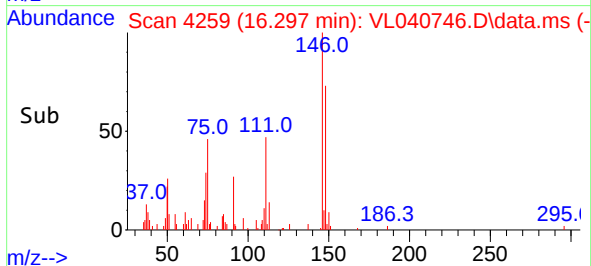
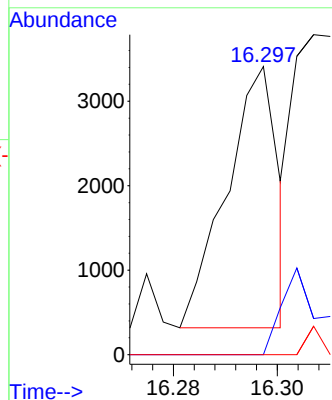
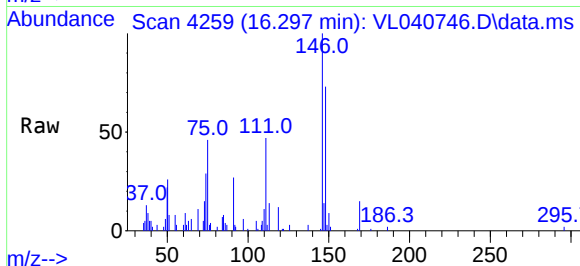




#66
Benzyl Chloride
Concen: 0.070 ppbv
RT: 16.297 min Scan# 41
Delta R.T. -0.039 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

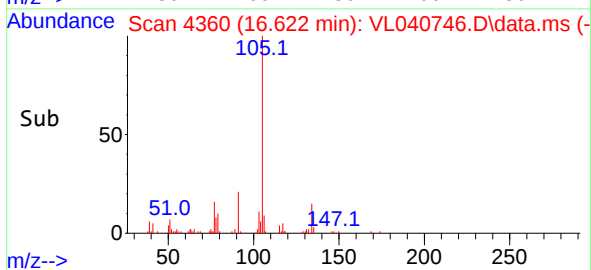
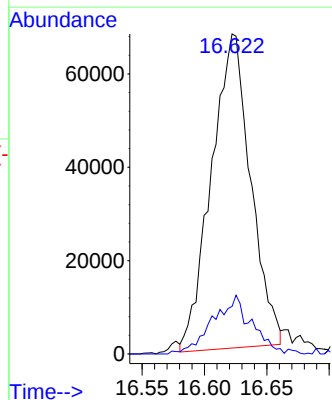
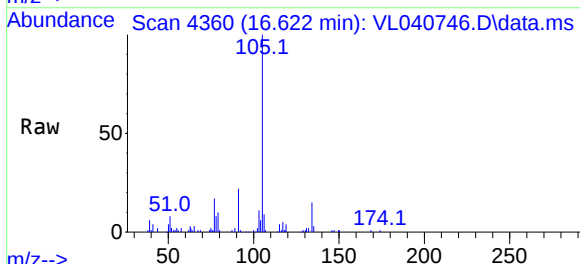
Instrument :
MSVOA_L
ClientSampleId :

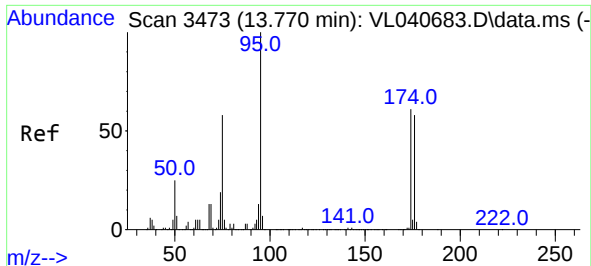
Tgt Ion: 91 Resp: 2128
Ion Ratio Lower Upper
91 100
126 0.0 13.6 20.4#
128 0.0 4.4 6.6#



#67
sec-Butylbenzene
Concen: 0.397 ppbv
RT: 16.622 min Scan# 4360
Delta R.T. -0.023 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

Tgt Ion: 105 Resp: 147959
Ion Ratio Lower Upper
105 100
134 18.8 14.1 21.1

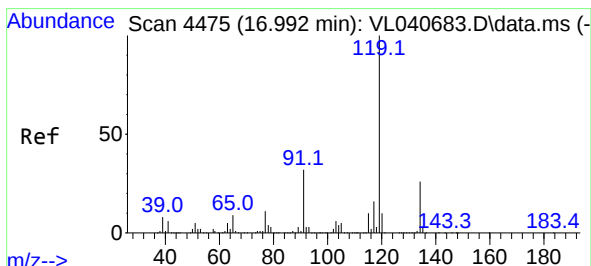
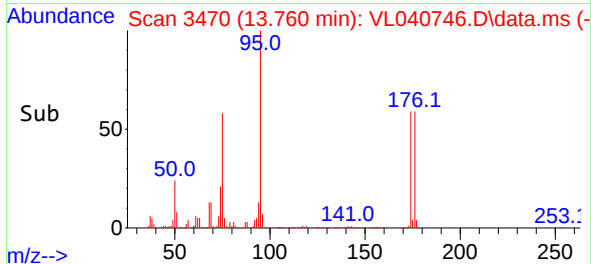
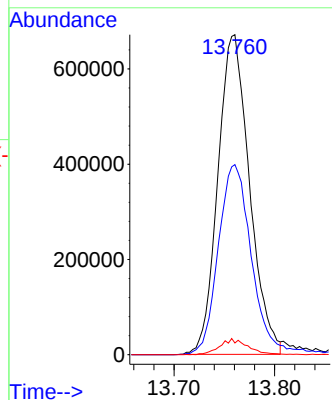
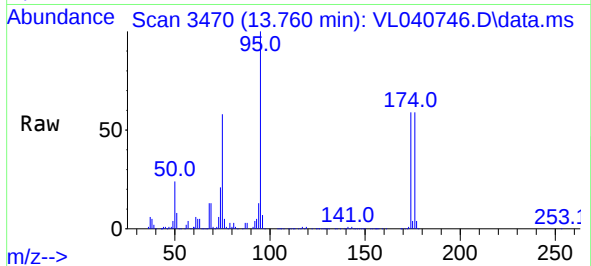




#68
1-Bromo-4-Fluorobenzene
Concen: 10.109 ppbv
RT: 13.760 min Scan# 3473
Delta R.T. -0.026 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

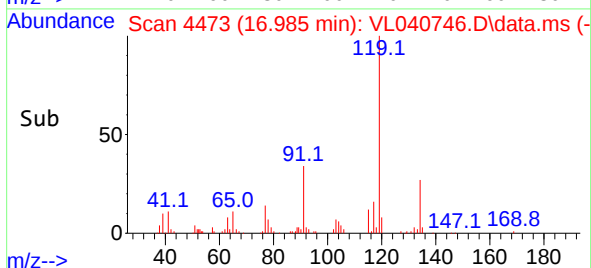
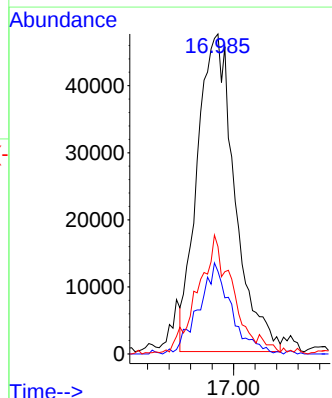
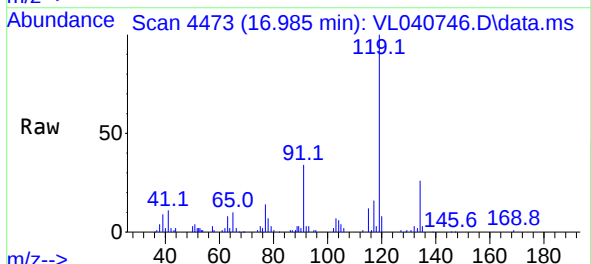
Instrument :
MSVOA_L
ClientSampleId :

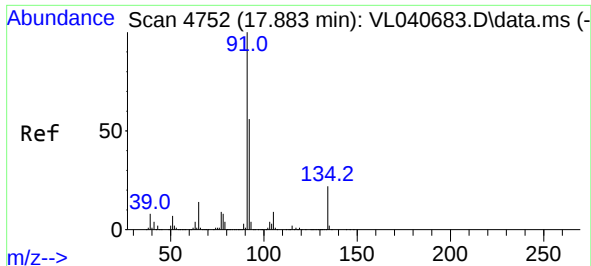
Tgt Ion: 95 Resp: 1469473
Ion Ratio Lower Upper
95 100
174 63.1 48.9 73.3
175 4.5 3.5 5.3



#69
p-Isopropyltoluene
Concen: 0.392 ppbv
RT: 16.985 min Scan# 4473
Delta R.T. -0.016 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

Tgt Ion: 119 Resp: 114937
Ion Ratio Lower Upper
119 100
134 25.3 20.2 30.2
91 36.3 25.0 37.6

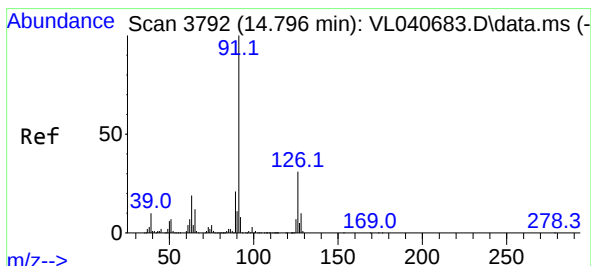
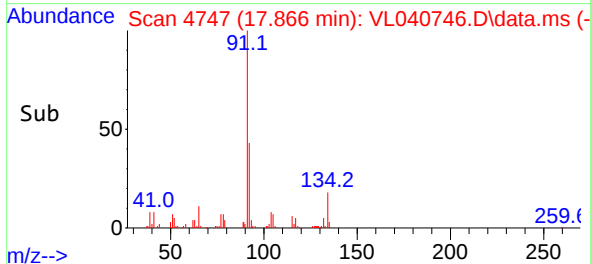
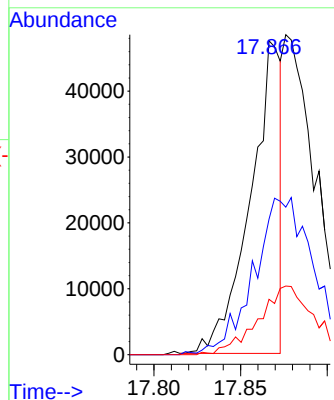
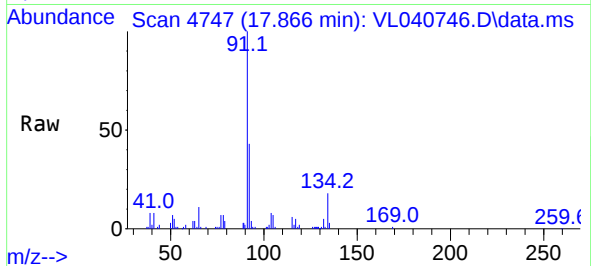




#70
n-Butylbenzene
Concen: 0.180 ppbv
RT: 17.866 min Scan# 41
Delta R.T. -0.029 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

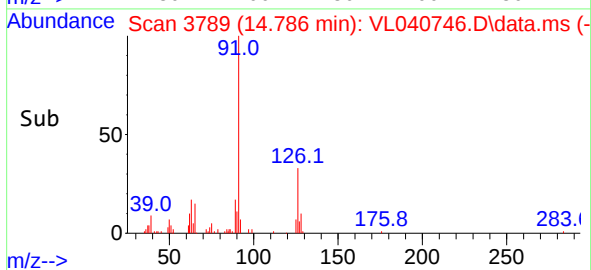
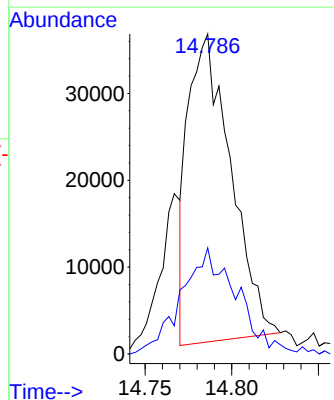
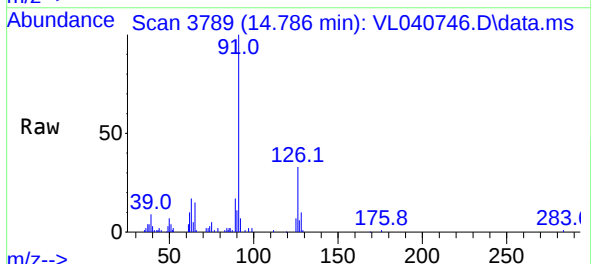
Instrument :
MSVOA_L
ClientSampleId :

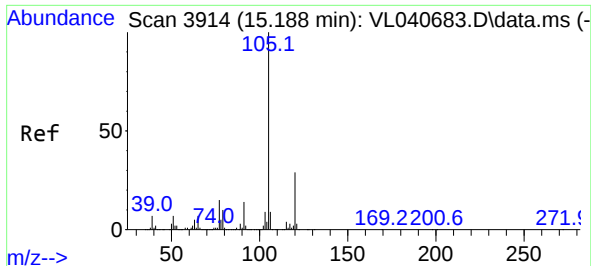
Tgt Ion: 91 Resp: 58169
Ion Ratio Lower Upper
91 100
92 0.0 42.7 64.1#
134 0.0 17.0 25.4#



#71
2-Chlorotoluene
Concen: 0.282 ppbv
RT: 14.786 min Scan# 3789
Delta R.T. -0.023 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

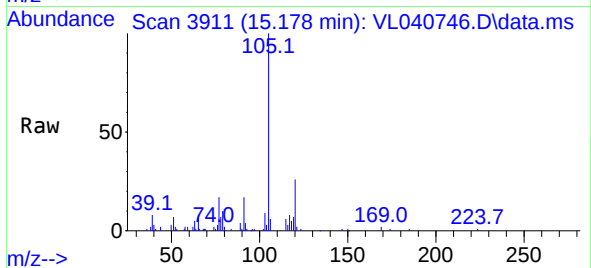
Tgt Ion: 91 Resp: 60462
Ion Ratio Lower Upper
91 100
126 45.4 12.0 47.8





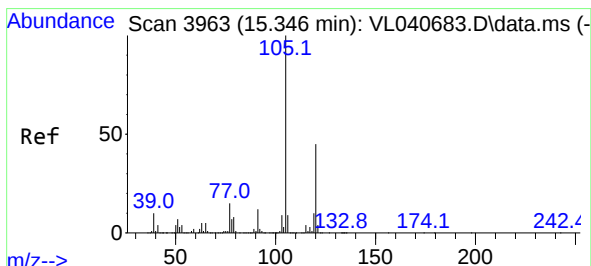
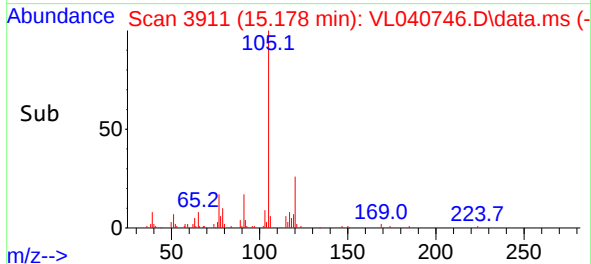
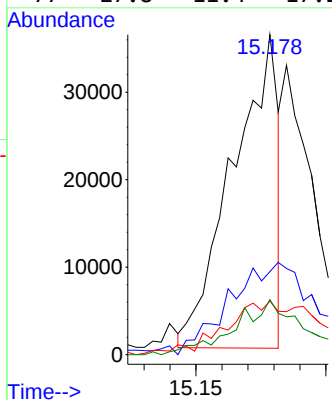
#72
4-Ethyltoluene
Concen: 0.202 ppbv
RT: 15.178 min Scan# 3911
Delta R.T. -0.023 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:105 Resp: 43551

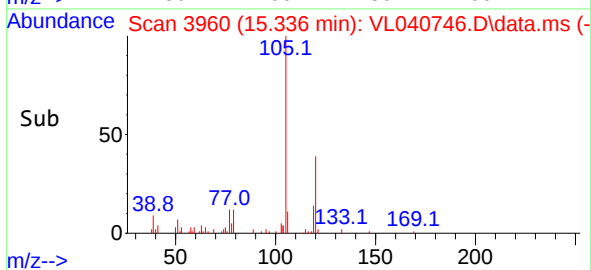
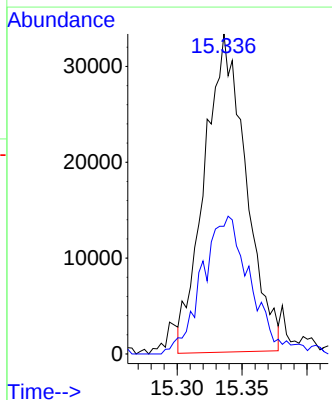
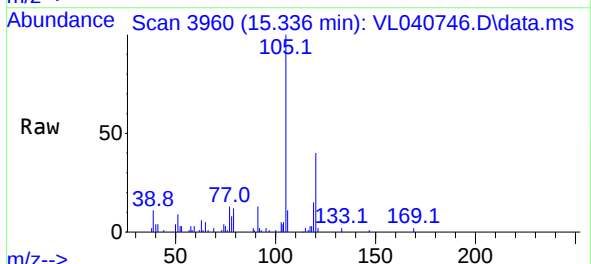
Ion	Ratio	Lower	Upper
105	100		
120	59.6	23.9	35.9#
91	38.5	11.0	16.4#
77	27.8	11.4	17.2#

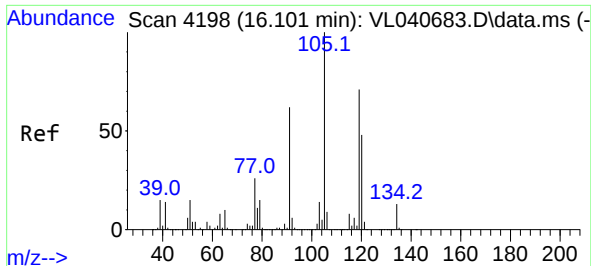


#73
1,3,5-Trimethylbenzene
Concen: 0.382 ppbv
RT: 15.336 min Scan# 3960
Delta R.T. -0.026 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

Tgt Ion:105 Resp: 74051

Ion	Ratio	Lower	Upper
105	100		
120	38.5	36.1	54.1

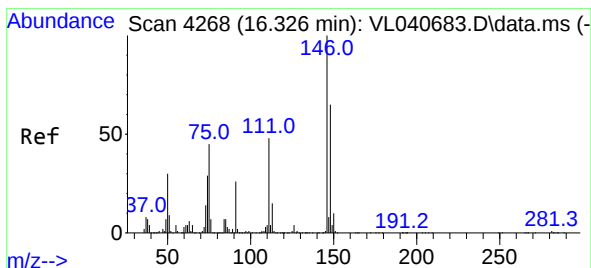
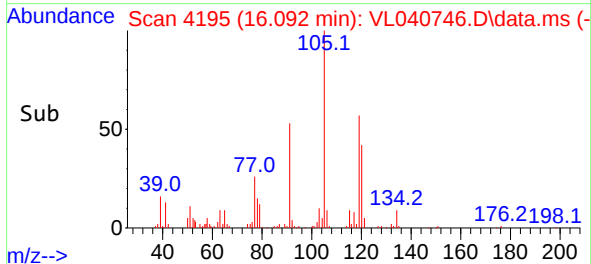
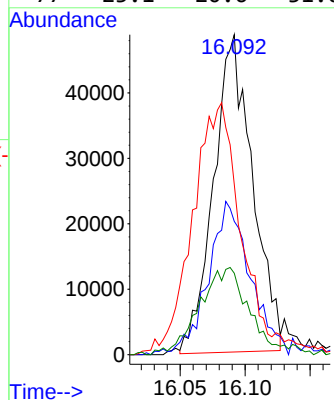
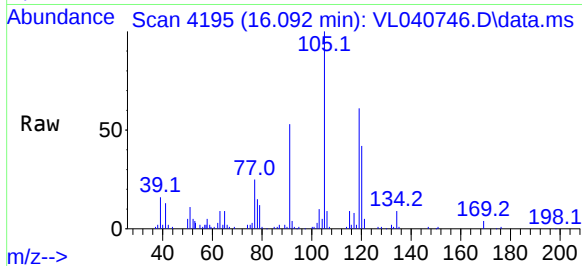




#74
1,2,4-Trimethylbenzene
Concen: 0.427 ppbv
RT: 16.092 min Scan# 4198
Delta R.T. -0.026 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

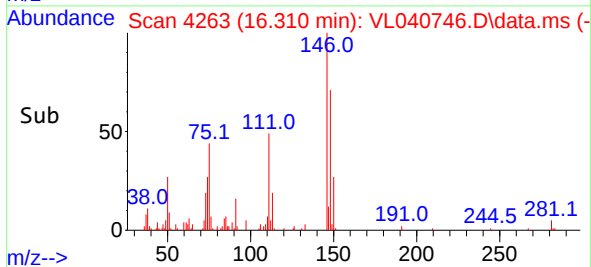
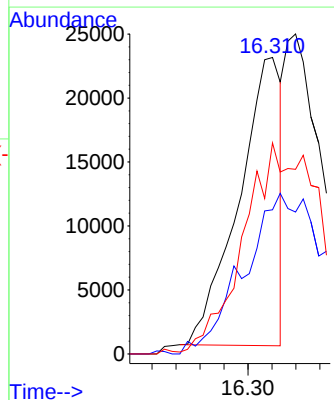
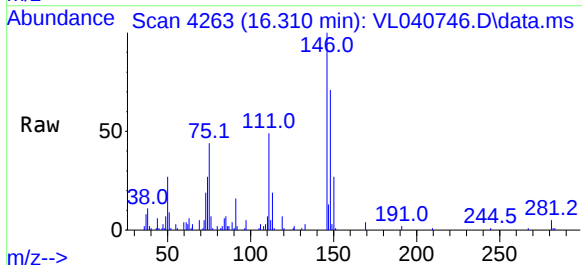
Instrument :
MSVOA_L
ClientSampleId :

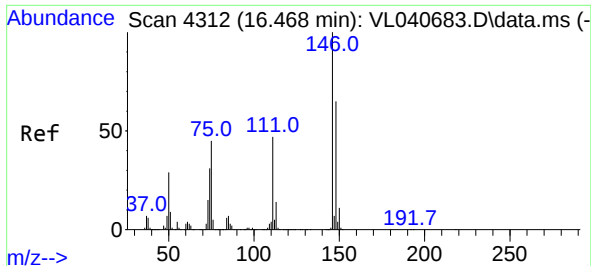
Tgt Ion:105 Resp: 100977
Ion Ratio Lower Upper
105 100
120 38.3 38.6 57.8#
91 47.6 50.0 75.0#
77 23.1 20.6 31.0



#75
1,3-Dichlorobenzene
Concen: 0.206 ppbv
RT: 16.310 min Scan# 4263
Delta R.T. -0.029 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

Tgt Ion:146 Resp: 27704
Ion Ratio Lower Upper
146 100
111 121.9 23.9 71.7#
148 153.3 31.8 95.4#

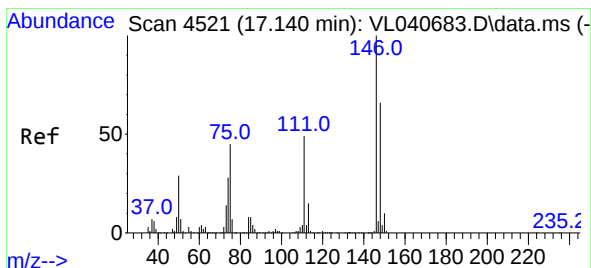
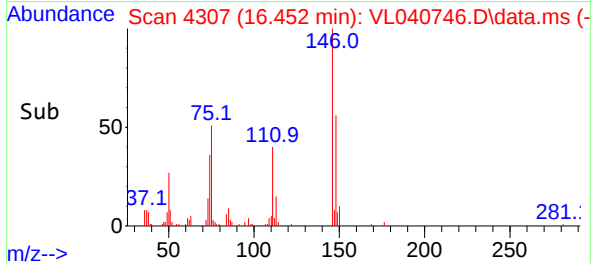
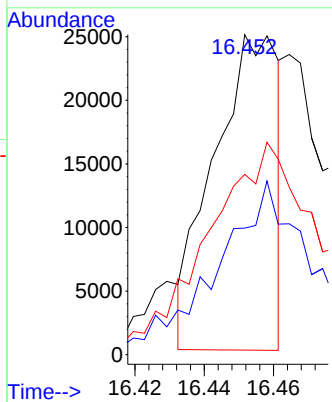
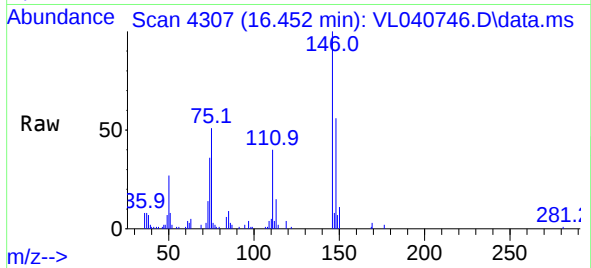




#76
1,4-Dichlorobenzene
Concen: 0.242 ppbv
RT: 16.452 min Scan# 4115
Delta R.T. -0.029 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

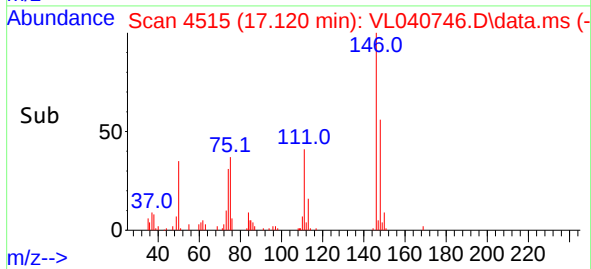
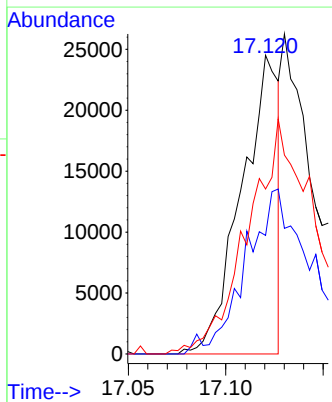
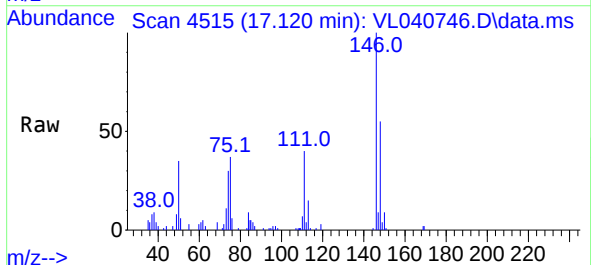
Instrument :
MSVOA_L
ClientSampleId :

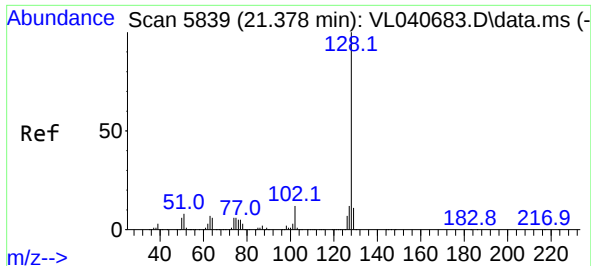
Tgt Ion:146 Resp: 32059
Ion Ratio Lower Upper
146 100
111 0.0 23.8 71.2#
148 0.0 32.6 97.7#



#77
1,2-Dichlorobenzene
Concen: 0.241 ppbv
RT: 17.120 min Scan# 4515
Delta R.T. -0.032 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

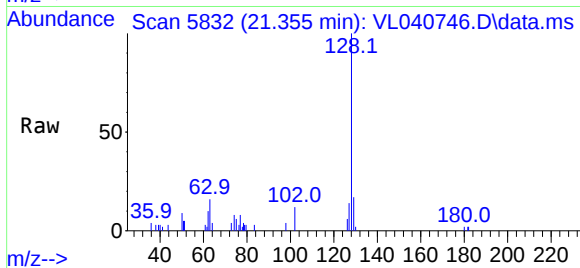
Tgt Ion:146 Resp: 32355
Ion Ratio Lower Upper
146 100
111 0.0 25.0 75.0#
148 0.0 32.4 97.0#



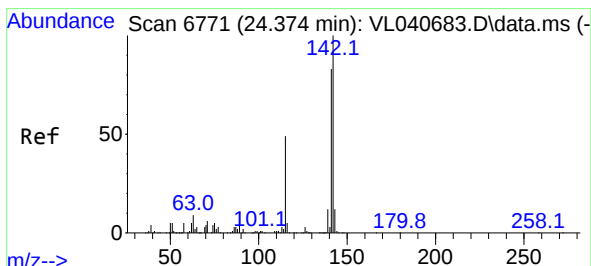
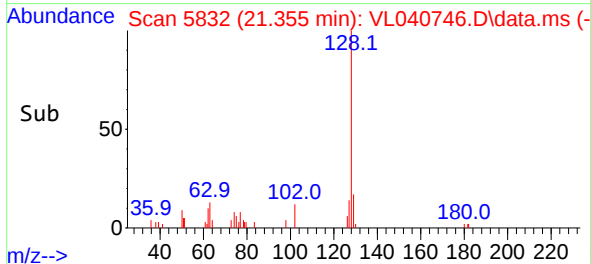
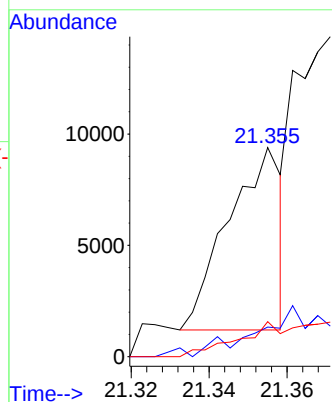


#79
Naphthalene
Concen: 0.053 ppbv
RT: 21.355 min Scan# 5832
Delta R.T. -0.039 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

Instrument :
MSVOA_L
ClientSampleId :

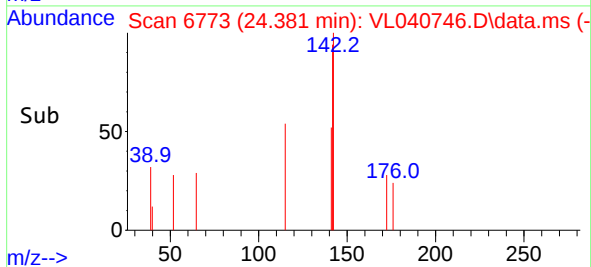
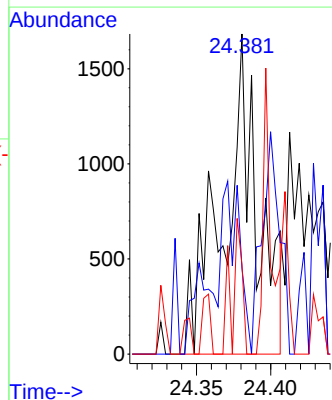
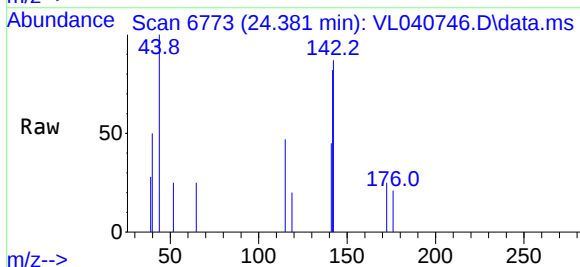


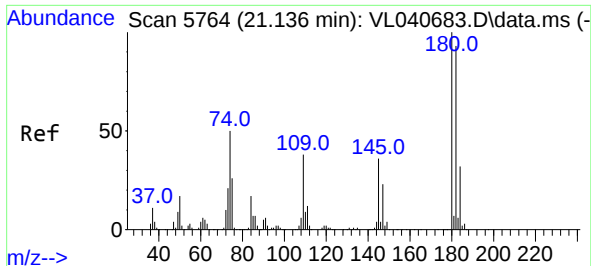
Tgt Ion:128 Resp: 7801
Ion Ratio Lower Upper
128 100
127 11.4 9.8 14.6
129 19.2 8.4 12.6#



#80
Naphthalene,2-methyl-
Concen: 0.074 ppbv
RT: 24.381 min Scan# 6773
Delta R.T. -0.000 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

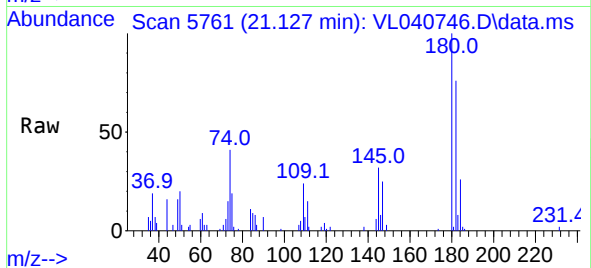
Tgt Ion:142 Resp: 2649
Ion Ratio Lower Upper
142 100
141 48.5 67.0 100.6#
115 3.8 37.4 56.2#





#81
1,2,4-Trichlorobenzene
Concen: 0.202 ppbv
RT: 21.127 min Scan# 51
Delta R.T. -0.023 min
Lab File: VL040746.D
Acq: 4 Oct 2023 18:53

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:180 Resp: 19408
Ion Ratio Lower Upper
180 100
182 0.0 77.9 116.9#
184 0.0 24.4 36.6#

