

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100423\
 Data File : VL040745.D
 Acq On : 4 Oct 2023 18:13
 Operator : SY/MD
 Sample : 04699-14 LOQ 5 PPB
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 05 04:28:16 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	5.185	49	836223	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.645	114	2345529	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.452	117	1973714	10.000	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.757	95	1581061	10.368	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.742	85	126904	0.689	ppbv	95
3) Chlorodifluoromethane	2.687	51	90104	0.661	ppbv	96
4) Chloromethane	2.825	50	34695	0.665	ppbv	95
5) Vinyl Chloride	2.931	62	31817	0.516	ppbv	98
6) Bromomethane	3.124	94	8956	0.301	ppbv	97
7) Chloroethane	3.205	64	13257	0.626	ppbv #	85
8) Dichlorotetrafluoroethane	2.867	85	97310	0.640	ppbv	98
9) Propene	2.710	41	22527	0.574	ppbv	91
10) Heptane	7.571	43	45974	0.520	ppbv	92
11) Trichlorofluoromethane	3.568	101	106655	0.658	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.066	101	72475	0.626	ppbv	94
13) Ethanol	3.263	45	3912	0.337	ppbv #	15
14) Bromoethene	3.375	108	28286	0.582	ppbv	89
15) Acetone	3.488	43	79491	0.721	ppbv #	86
16) 1,3-Butadiene	2.970	39	2379	0.049	ppbv #	9
17) tert-Butyl alcohol	3.896	59	61045	0.540	ppbv	98
18) 1,1-Dichloroethene	3.886	96	30528	0.593	ppbv	88
19) Isopropyl Alcohol	3.597	45	17881	0.269	ppbv #	72
20) Methylene Chloride	3.935	84	44245	0.745	ppbv	96
21) Allyl Chloride	4.002	41	40489	0.599	ppbv #	86
22) trans-1,2-Dichloroethene	4.446	96	30659	0.602	ppbv	84
23) Vinyl Acetate	4.632	43	60781	0.533	ppbv #	90
24) 1,1-Dichloroethane	4.562	63	69300	0.649	ppbv #	96
25) Ethyl Acetate	5.211	43	101356	0.570	ppbv #	97
26) Hexane	5.208	57	34587	0.411	ppbv #	1
27) Carbon Disulfide	4.128	76	61918	0.528	ppbv #	80
28) Methyl tert-Butyl Ether	4.594	73	21592	0.298	ppbv #	52
29) Chloroform	5.269	83	94393	0.650	ppbv	97
30) Cyclohexane	6.590	84	15540	0.245	ppbv #	1
31) cis-1,2-Dichloroethene	5.073	61	43900	0.563	ppbv	93
32) 1,1,1-Trichloroethane	5.992	97	54867	0.370	ppbv #	50
34) 2-Butanone	4.796	43	32393	0.275	ppbv #	48
35) Carbon Tetrachloride	6.488	117	90691	0.563	ppbv #	83
36) Benzene	6.365	78	88415	0.509	ppbv	96
37) 1,2-Dichloroethane	5.800	62	64367	0.541	ppbv #	95
38) Trichloroethene	7.279	130	19548	0.295	ppbv	91
39) 1,2-Dichloropropane	7.066	63	31859	0.477	ppbv #	88
40) 1,4-Dioxane	7.301	88	1845	0.073	ppbv #	1
41) Tetrahydrofuran	5.574	42	23625	0.391	ppbv #	88
42) Bromodichloromethane	7.237	83	85532	0.527	ppbv	99
43) Methyl Methacrylate	7.471	69	16168	0.250	ppbv #	27
44) 2,2,4-Trimethylpentane	7.314	57	129920	0.470	ppbv #	90
45) t-1,3-Dichloropropene	8.703	75	9558	0.191	ppbv	90

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

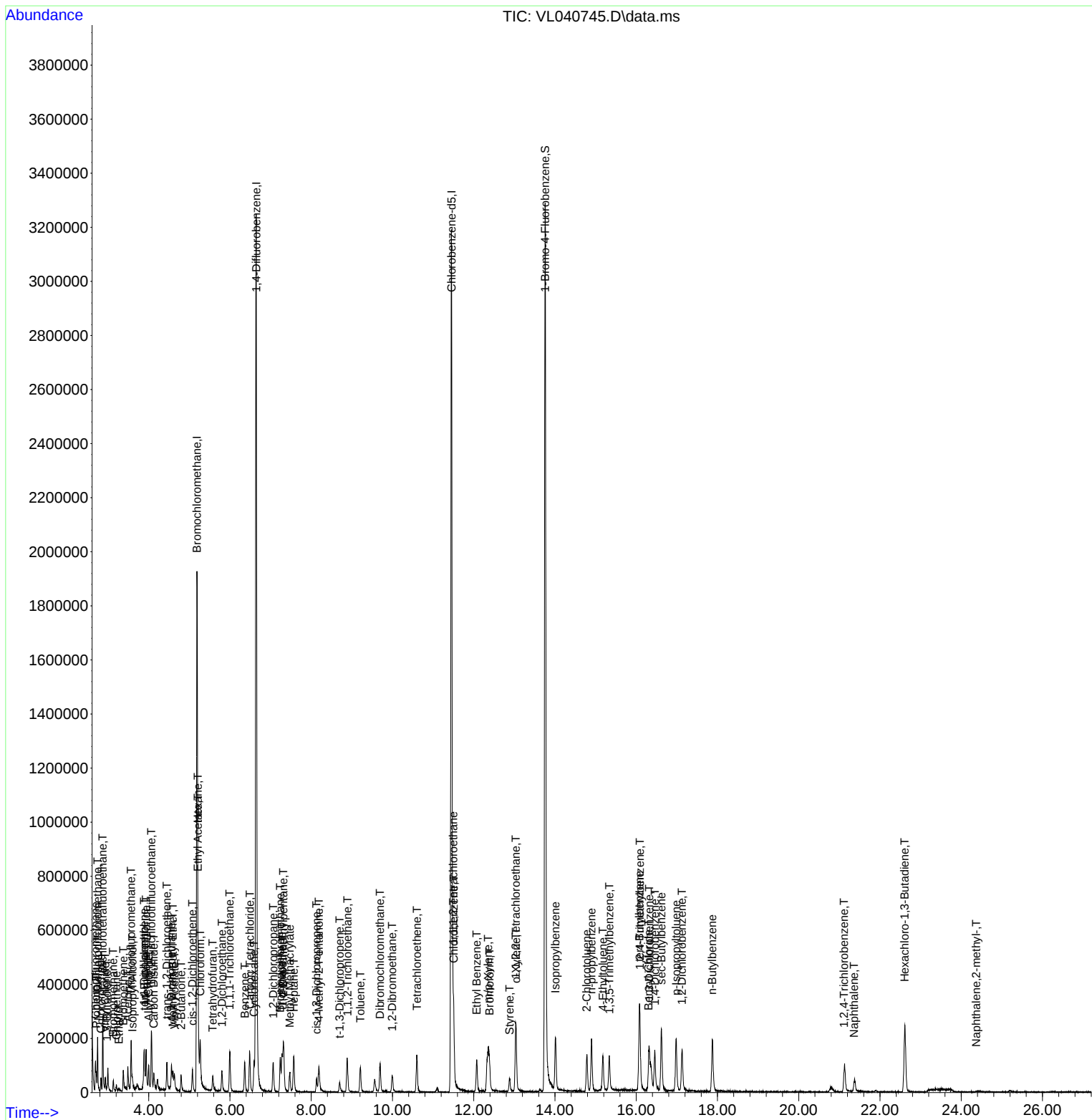
Instrument :
 MSVOA_L
 ClientSampleId :

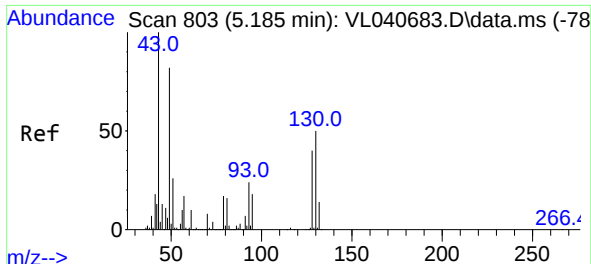
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 19 05:12:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.131	75	13460	0.220	ppbv #	77
47) 1,1,2-Trichloroethane	8.893	97	21102	0.275	ppbv	94
48) Dibromochloromethane	9.696	129	15392	0.122	ppbv #	1
49) Bromoform	12.388	173	45474	0.437	ppbv	93
50) 4-Methyl-2-Pentanone	8.188	43	38665	0.243	ppbv #	53
52) Tetrachloroethene	10.600	164	28393	0.501	ppbv	88
53) Toluene	9.211	91	36854	0.201	ppbv #	19
54) 1,2-Dibromoethane	9.995	107	47370	0.484	ppbv	95
56) 1,1,1,2-Tetrachloroethane	11.494	131	8111	0.086	ppbv #	10
57) Chlorobenzene	11.510	112	87913	0.588	ppbv	94
58) Ethyl Benzene	12.073	91	89834	0.399	ppbv	93
59) m/p-Xylene	12.352	91	28846	0.137	ppbv #	1
60) o-Xylene	13.044	91	56834	0.282	ppbv #	61
61) Styrene	12.883	104	18439	0.218	ppbv #	42
62) Isopropylbenzene	14.011	105	156698	0.515	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.037	83	92600	0.586	ppbv	95
64) n-propylbenzene	14.899	120	6444	0.085	ppbv #	1
65) tert-Butylbenzene	16.076	119	118894	0.435	ppbv	86
66) Benzyl Chloride	16.304	91	4562	0.143	ppbv #	66
67) sec-Butylbenzene	16.619	105	194154	0.497	ppbv	97
69) p-Isopropyltoluene	16.986	119	137289	0.447	ppbv	95
70) n-Butylbenzene	17.873	91	152429	0.451	ppbv	98
71) 2-Chlorotoluene	14.783	91	104108	0.462	ppbv	98
72) 4-Ethyltoluene	15.179	105	91474	0.405	ppbv #	90
73) 1,3,5-Trimethylbenzene	15.339	105	74067	0.364	ppbv	92
74) 1,2,4-Trimethylbenzene	16.092	105	117685	0.474	ppbv	89
75) 1,3-Dichlorobenzene	16.317	146	46324	0.328	ppbv #	38
76) 1,4-Dichlorobenzene	16.458	146	66219	0.476	ppbv	90
77) 1,2-Dichlorobenzene	17.127	146	73710	0.524	ppbv	91
78) Hexachloro-1,3-Butadiene	22.609	225	53067	0.498	ppbv #	82
79) Naphthalene	21.358	128	13116	0.085	ppbv	99
80) Naphthalene,2-methyl-	24.368	142	3459	0.091	ppbv #	69
81) 1,2,4-Trichlorobenzene	21.114	180	11700	0.116	ppbv #	11

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

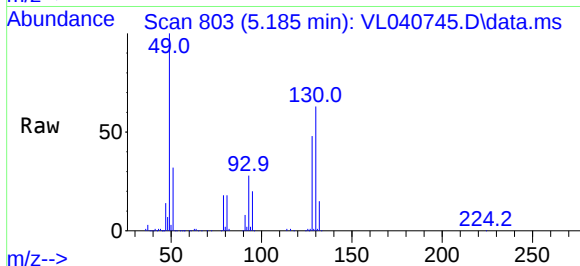
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QLast Update : Tue Sep 19 05:12:43 2023
Response via : Initial Calibration



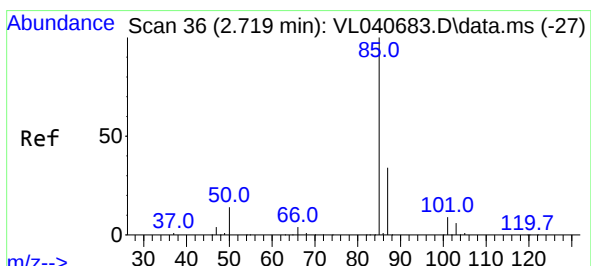
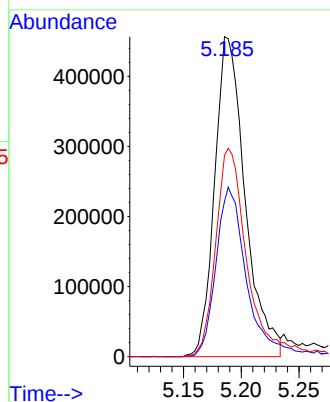
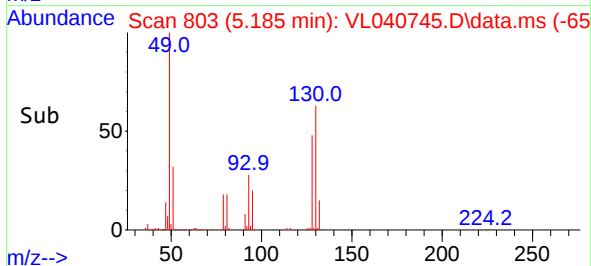


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. -0.013 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

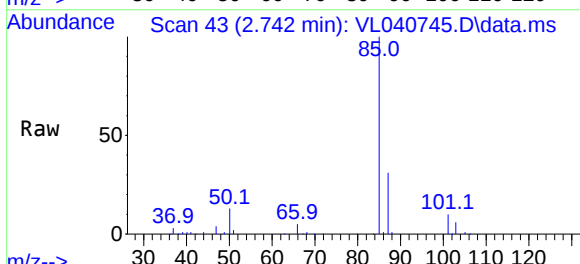
Instrument :
MSVOA_L
ClientSampleId :



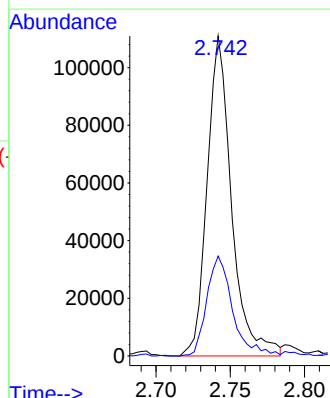
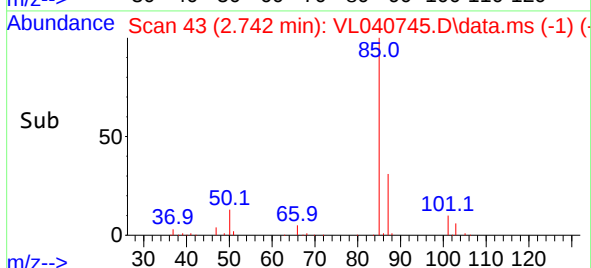
Tgt Ion: 49 Resp: 836223
Ion Ratio Lower Upper
49 100
128 55.1 25.4 76.0
130 69.0 32.3 96.8

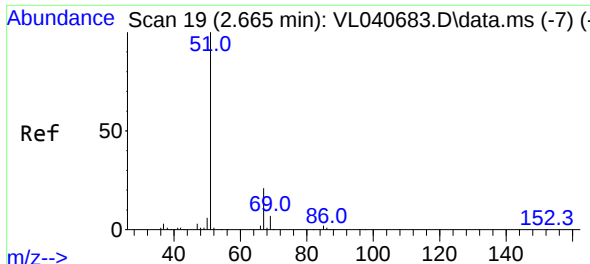


#2
Dichlorodifluoromethane
Concen: 0.689 ppbv
RT: 2.742 min Scan# 43
Delta R.T. 0.010 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13



Tgt Ion: 85 Resp: 126904
Ion Ratio Lower Upper
85 100
87 31.2 27.2 40.8

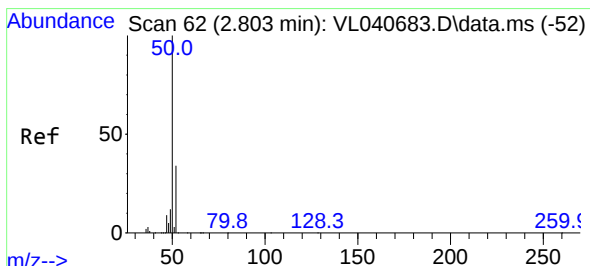
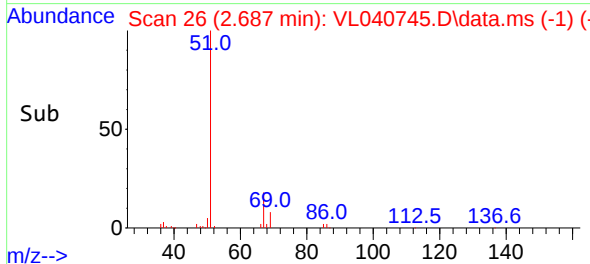
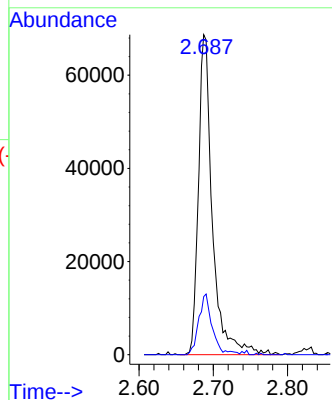
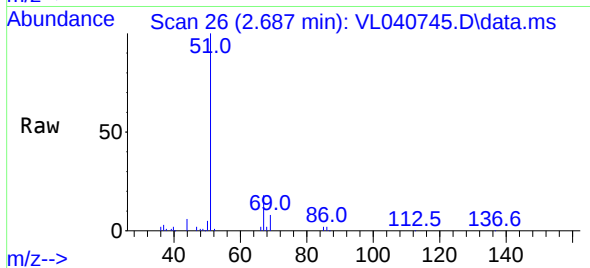




#3
Chlorodifluoromethane
Concen: 0.661 ppbv
RT: 2.687 min Scan# 20
Delta R.T. 0.010 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

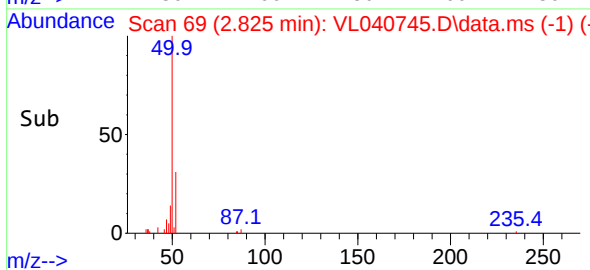
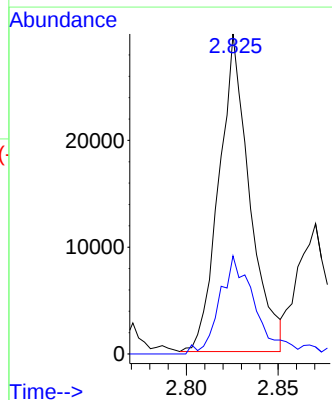
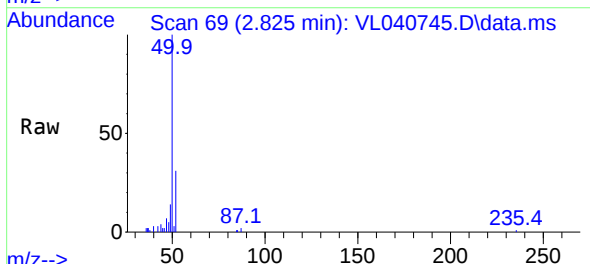
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 90104
Ion Ratio Lower Upper
51 100
67 18.9 16.7 25.1

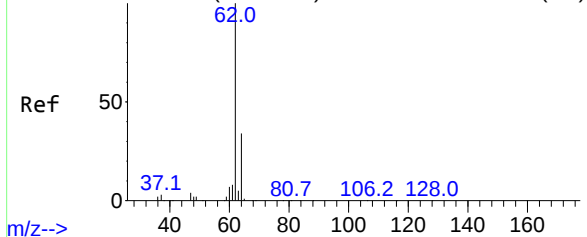


#4
Chloromethane
Concen: 0.665 ppbv
RT: 2.825 min Scan# 69
Delta R.T. 0.010 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

Tgt Ion: 50 Resp: 34695
Ion Ratio Lower Upper
50 100
52 30.9 27.1 40.7



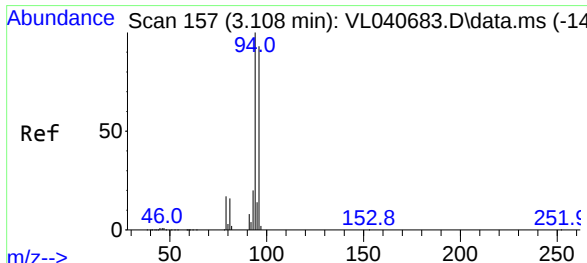
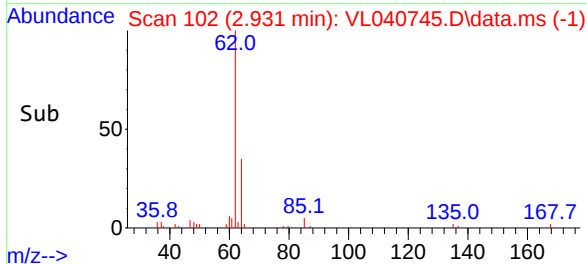
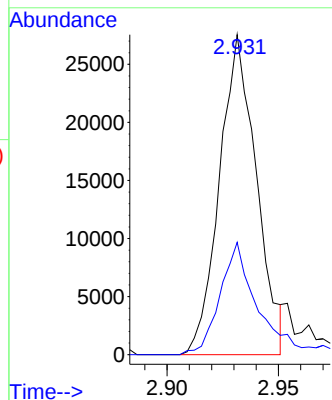
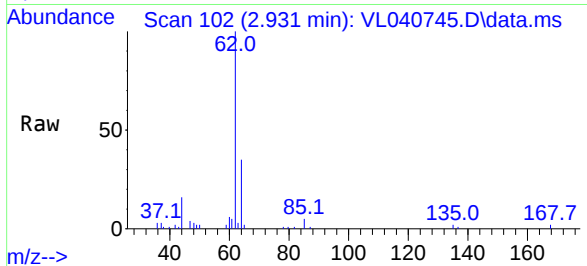
Abundance Scan 95 (2.909 min): VL040683.D\data.ms (-86)



#5
Vinyl Chloride
Concen: 0.516 ppbv
RT: 2.931 min Scan# 10
Delta R.T. 0.007 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

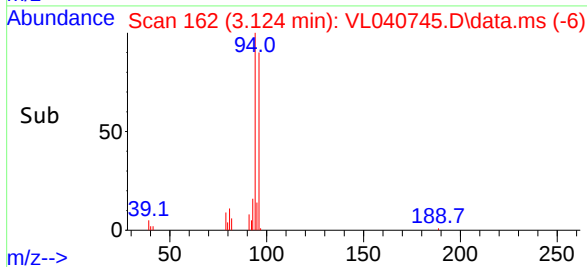
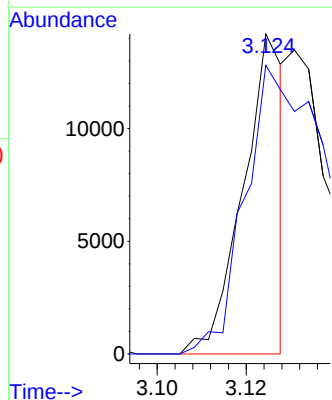
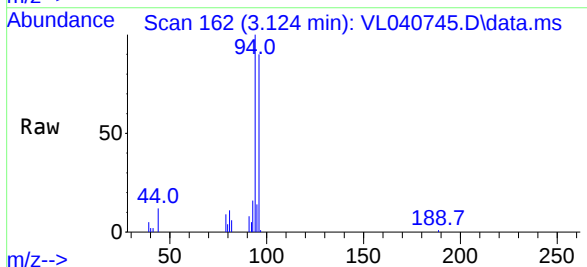
Instrument :
MSVOA_L
ClientSampleId :

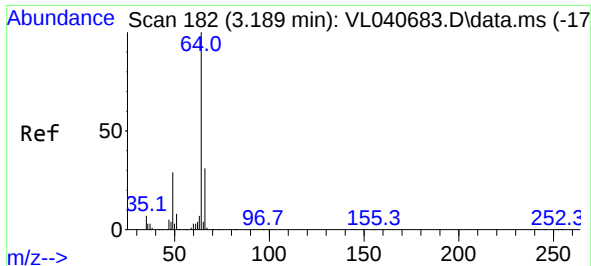
Tgt Ion: 62 Resp: 31817
Ion Ratio Lower Upper
62 100
64 35.1 27.2 40.8



#6
Bromomethane
Concen: 0.301 ppbv
RT: 3.124 min Scan# 162
Delta R.T. 0.000 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

Tgt Ion: 94 Resp: 8956
Ion Ratio Lower Upper
94 100
96 90.2 74.4 111.6

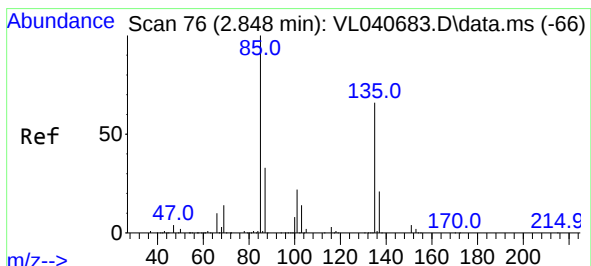
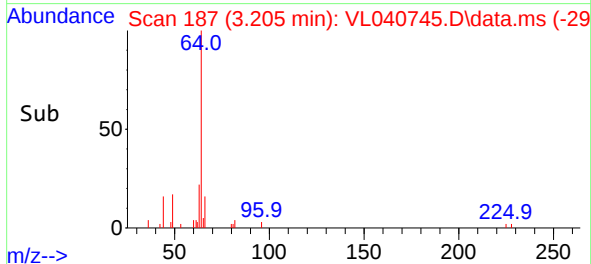
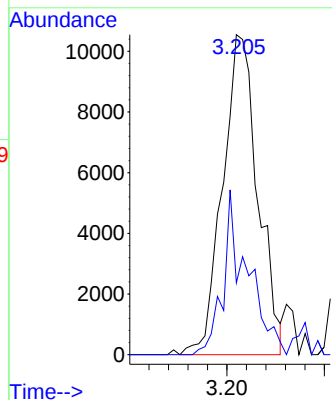
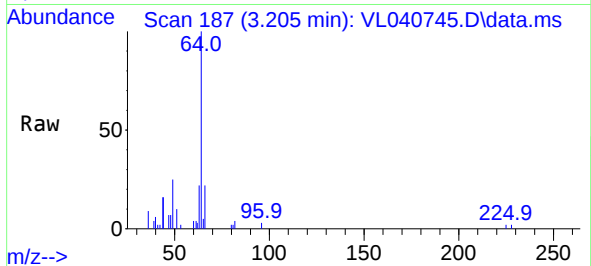




#7
Chloroethane
Concen: 0.626 ppbv
RT: 3.205 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

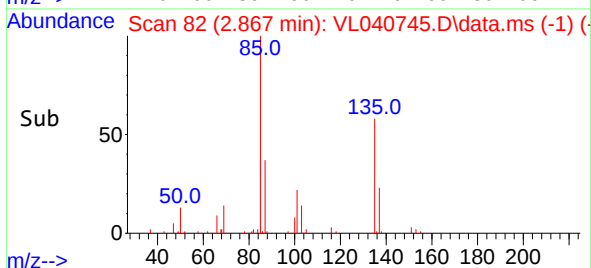
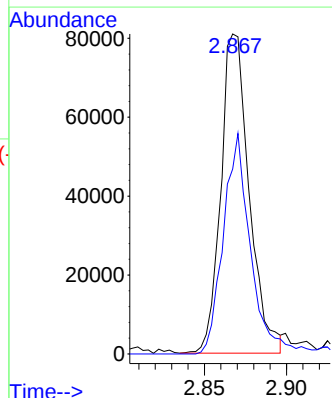
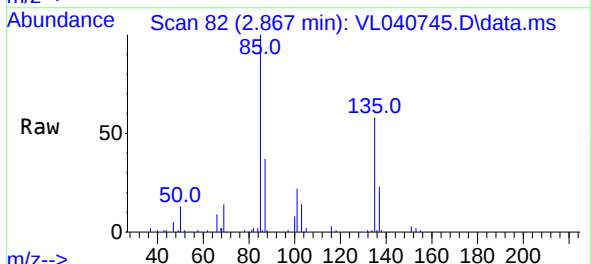
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 13257
Ion Ratio Lower Upper
64 100
66 22.4 24.5 36.7#

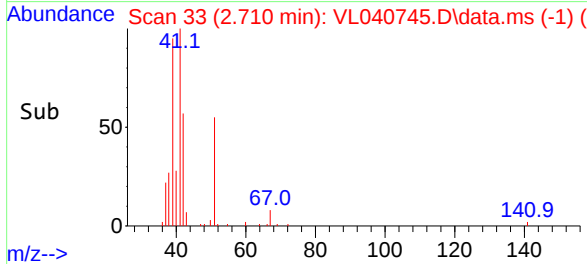
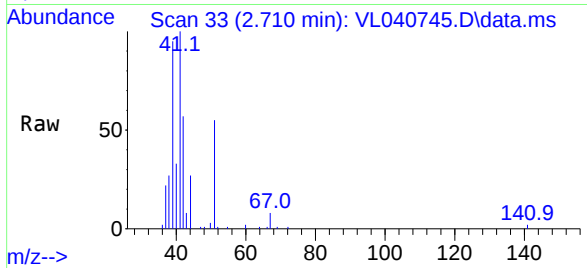
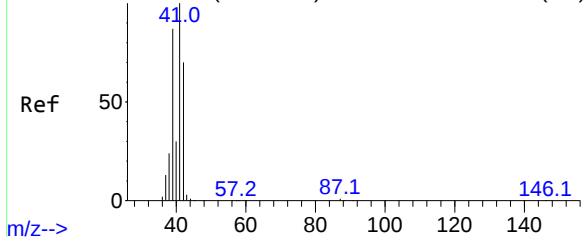


#8
Dichlorotetrafluoroethane
Concen: 0.640 ppbv
RT: 2.867 min Scan# 82
Delta R.T. 0.007 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

Tgt Ion: 85 Resp: 97310
Ion Ratio Lower Upper
85 100
135 68.4 53.4 80.2



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



#9

Propene

Concen: 0.574 ppbv

RT: 2.710 min Scan# 31

Delta R.T. 0.013 min

Lab File: VL040745.D

Acq: 4 Oct 2023 18:13

Instrument :

MSVOA_L

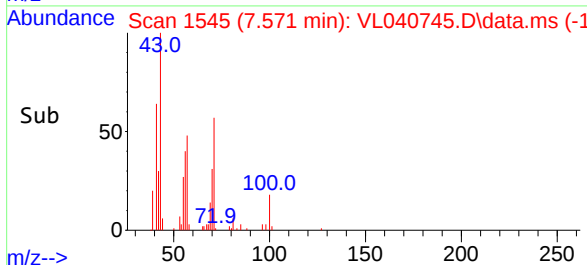
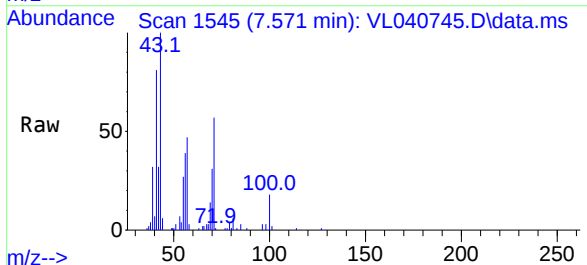
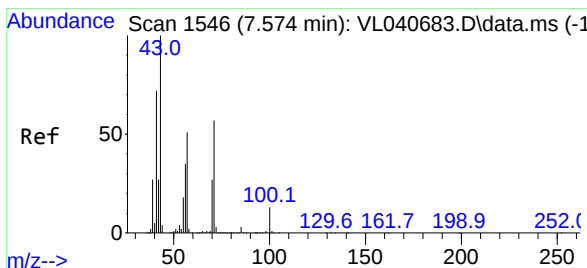
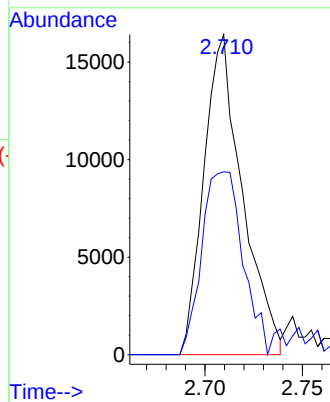
ClientSampleId :

Tgt Ion: 41 Resp: 22527

Ion Ratio Lower Upper

41 100

42 63.2 56.7 85.1



#10

Heptane

Concen: 0.520 ppbv

RT: 7.571 min Scan# 1545

Delta R.T. -0.016 min

Lab File: VL040745.D

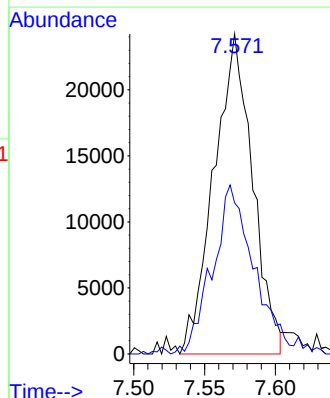
Acq: 4 Oct 2023 18:13

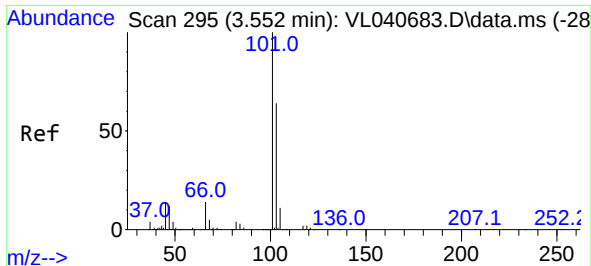
Tgt Ion: 43 Resp: 45974

Ion Ratio Lower Upper

43 100

57 58.1 41.8 62.6

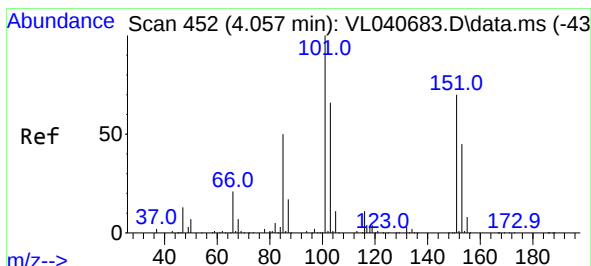
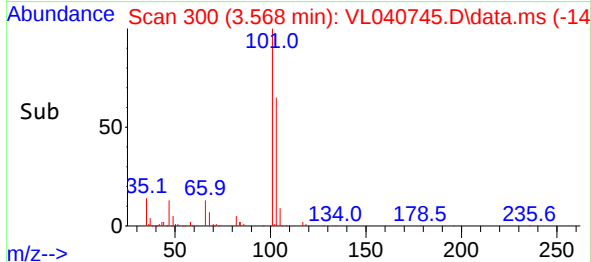
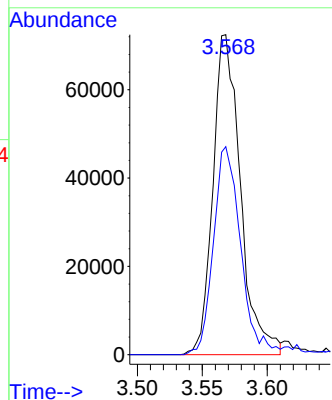
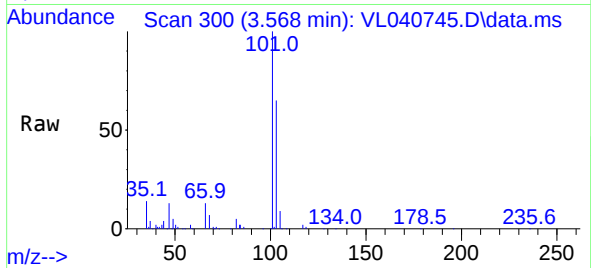




#11
Trichlorofluoromethane
Concen: 0.658 ppbv
RT: 3.568 min Scan# 30
Delta R.T. 0.000 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

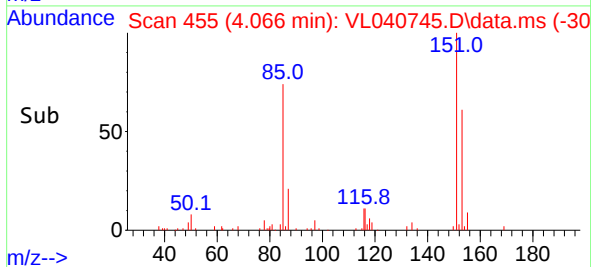
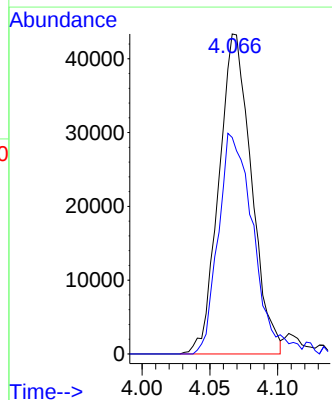
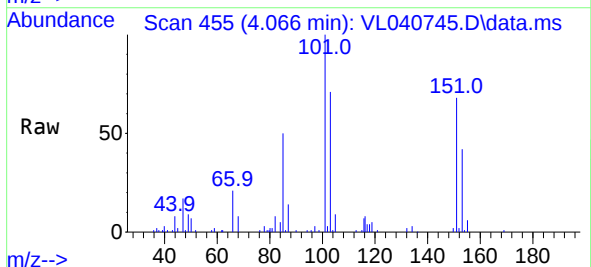
Instrument :
MSVOA_L
ClientSampleId :

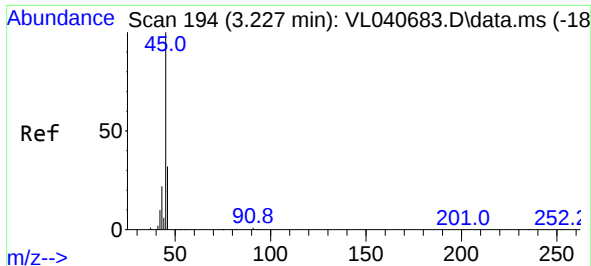
Tgt Ion:101 Resp: 106655
Ion Ratio Lower Upper
101 100
103 65.0 51.3 76.9



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.626 ppbv
RT: 4.066 min Scan# 455
Delta R.T. -0.006 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

Tgt Ion:101 Resp: 72475
Ion Ratio Lower Upper
101 100
151 75.9 56.8 85.2

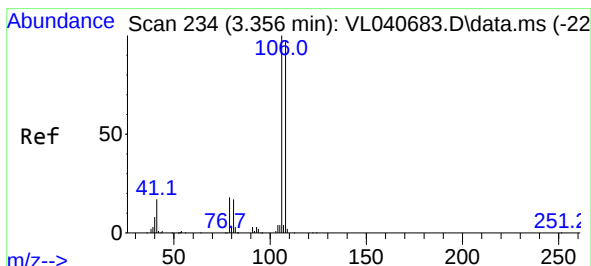
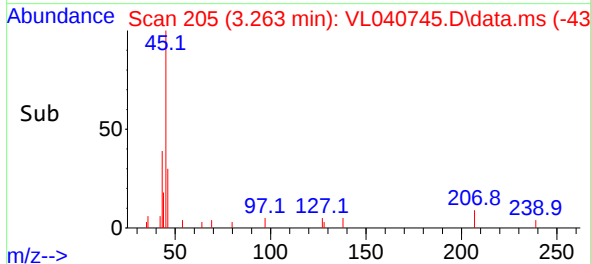
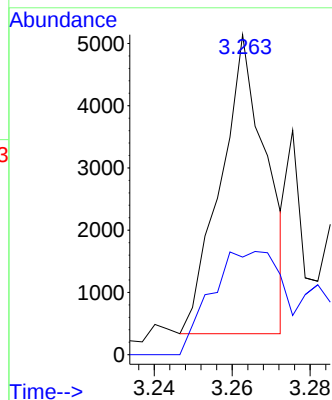
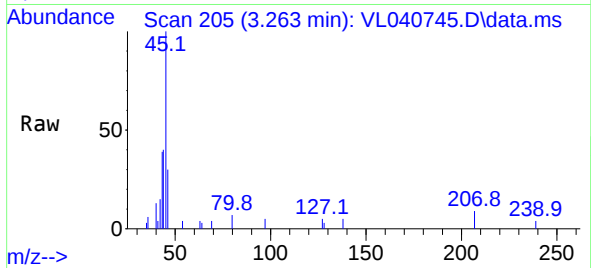




#13
Ethanol
Concen: 0.337 ppbv
RT: 3.263 min Scan# 20
Delta R.T. 0.019 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

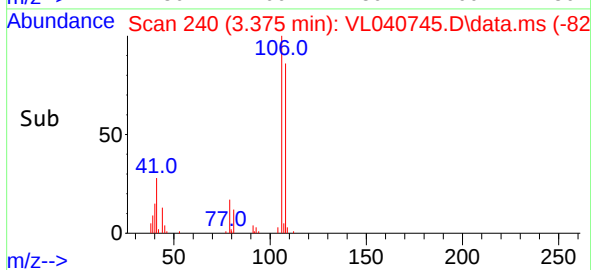
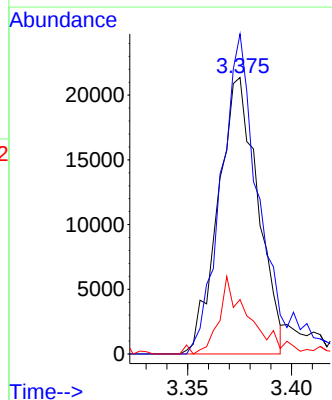
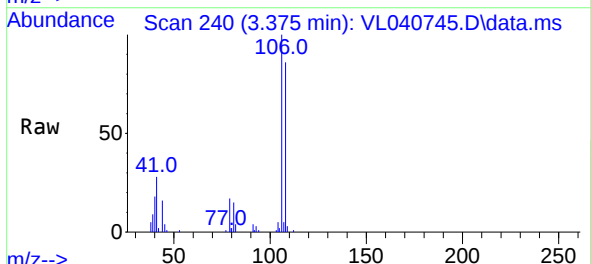
Instrument :
MSVOA_L
ClientSampleId :

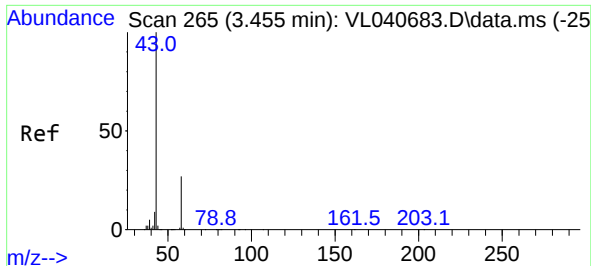
Tgt Ion: 45 Resp: 3912
Ion Ratio Lower Upper
45 100
46 89.2 15.2 61.0#



#14
Bromoethene
Concen: 0.582 ppbv
RT: 3.375 min Scan# 240
Delta R.T. 0.007 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

Tgt Ion: 108 Resp: 28286
Ion Ratio Lower Upper
108 100
106 119.1 86.0 129.0
79 23.1 15.6 23.4

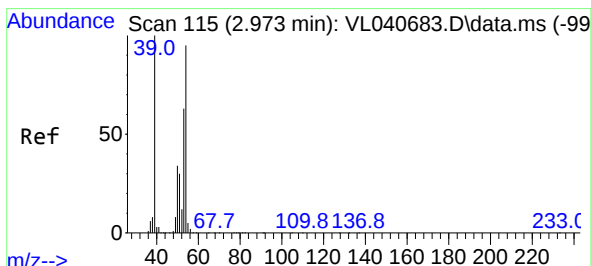
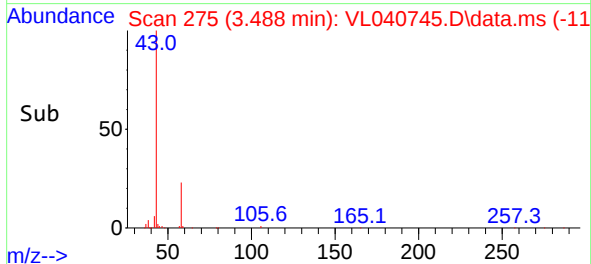
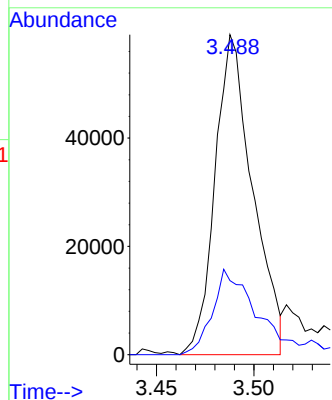
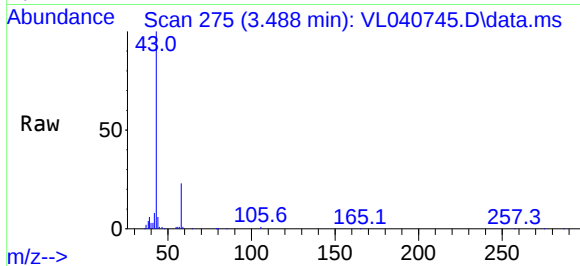




#15
Acetone
Concen: 0.721 ppbv
RT: 3.488 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

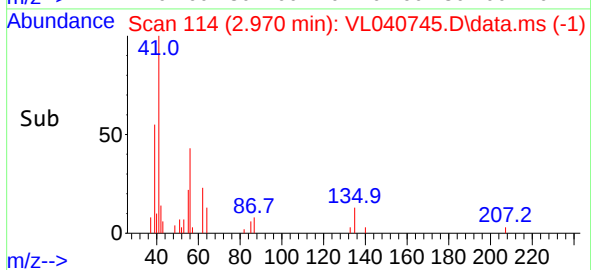
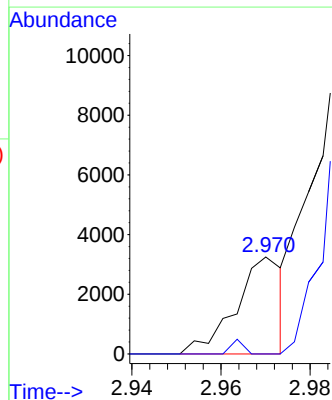
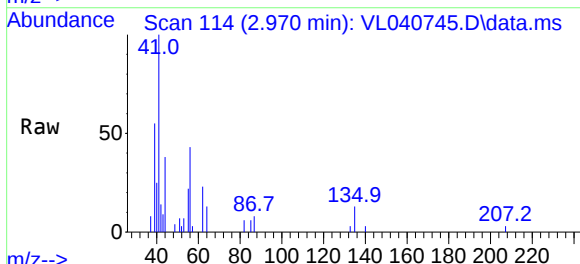
Instrument :
MSVOA_L
ClientSampleId :

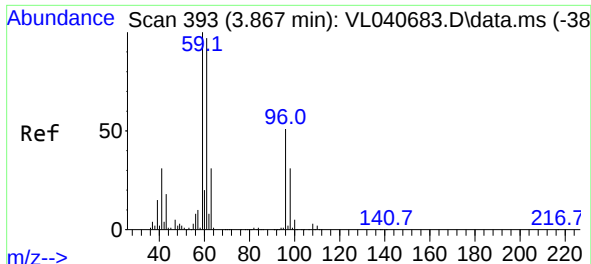
Tgt Ion: 43 Resp: 79491
Ion Ratio Lower Upper
43 100
58 35.5 22.6 34.0#



#16
1,3-Butadiene
Concen: 0.049 ppbv
RT: 2.970 min Scan# 114
Delta R.T. -0.019 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

Tgt Ion: 39 Resp: 2379
Ion Ratio Lower Upper
39 100
54 0.0 64.8 97.2#





#17

tert-Butyl alcohol

Concen: 0.540 ppbv

RT: 3.896 min Scan# 402

Delta R.T. 0.013 min

Lab File: VL040745.D

Acq: 4 Oct 2023 18:13

Instrument :

MSVOA_L

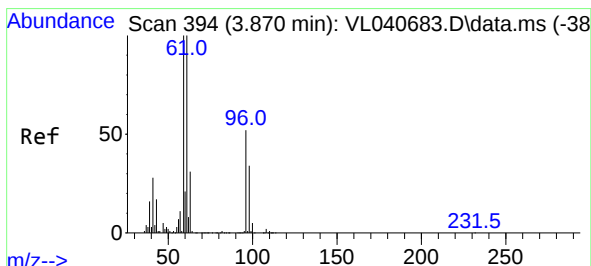
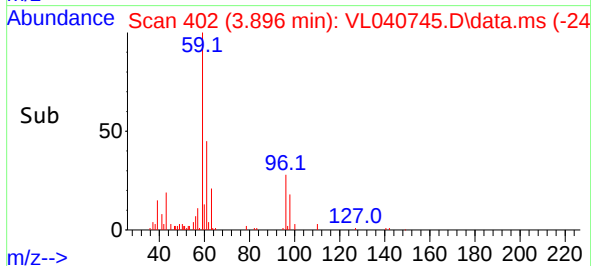
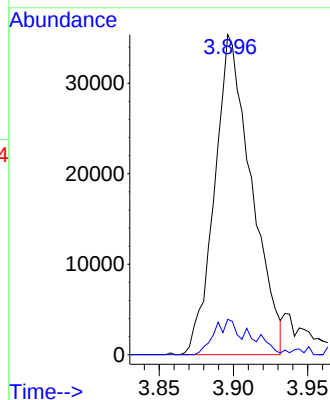
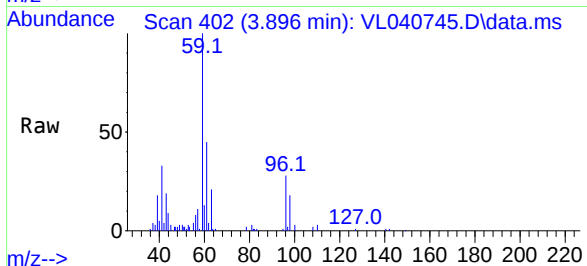
ClientSampleId :

Tgt Ion: 59 Resp: 61045

Ion Ratio Lower Upper

59 100

57 11.6 8.7 13.1



#18

1,1-Dichloroethene

Concen: 0.593 ppbv

RT: 3.886 min Scan# 399

Delta R.T. 0.003 min

Lab File: VL040745.D

Acq: 4 Oct 2023 18:13

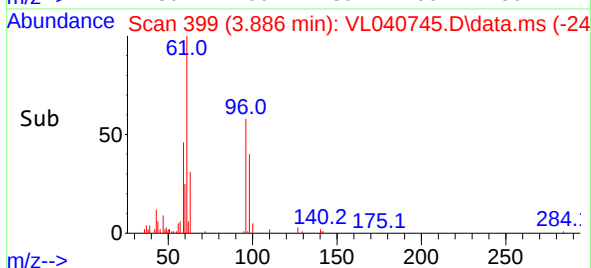
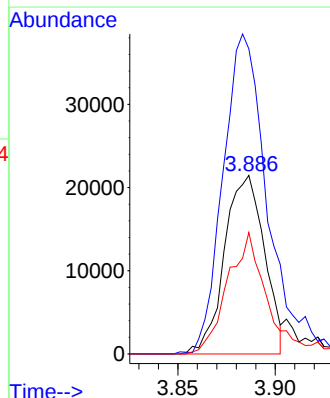
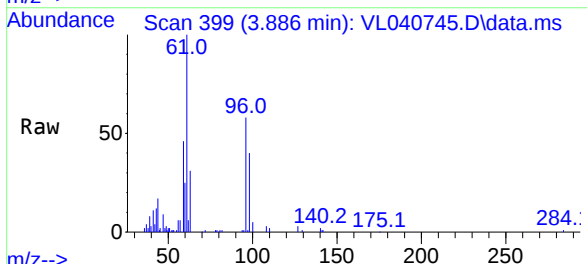
Tgt Ion: 96 Resp: 30528

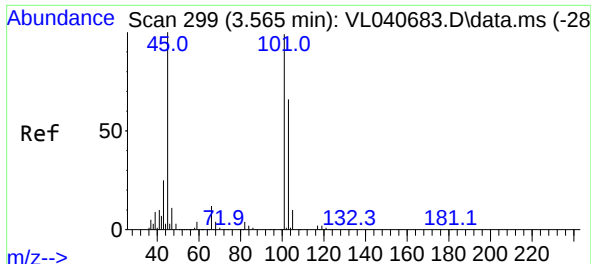
Ion Ratio Lower Upper

96 100

61 169.8 153.6 230.4

98 68.0 51.9 77.9

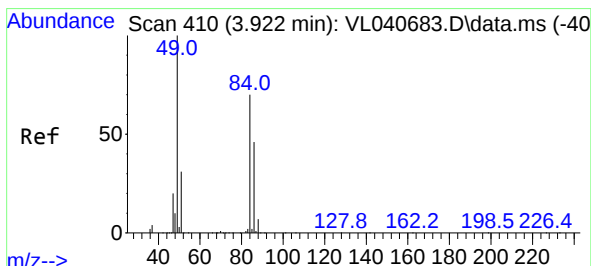
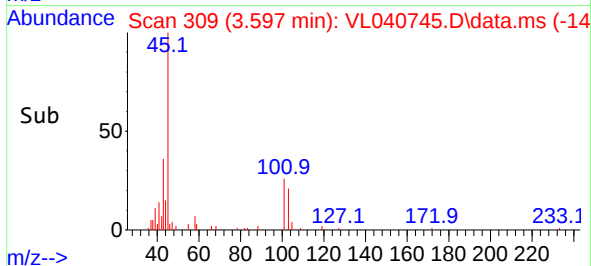
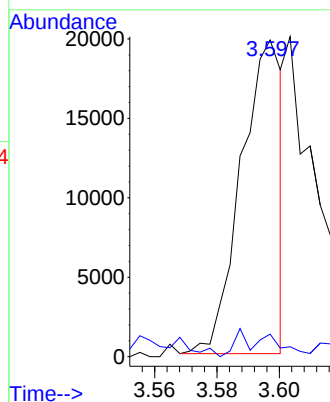
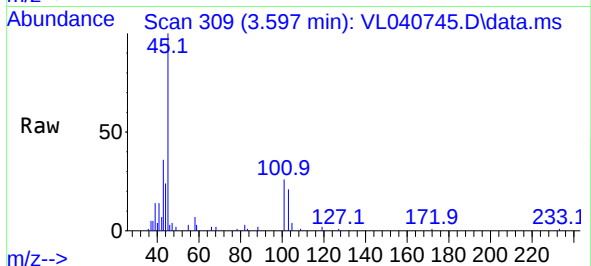




#19
Isopropyl Alcohol
Concen: 0.269 ppbv
RT: 3.597 min Scan# 309
Delta R.T. 0.019 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

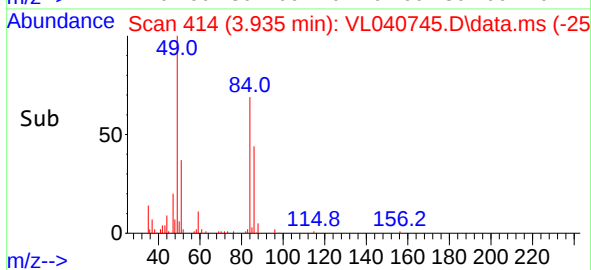
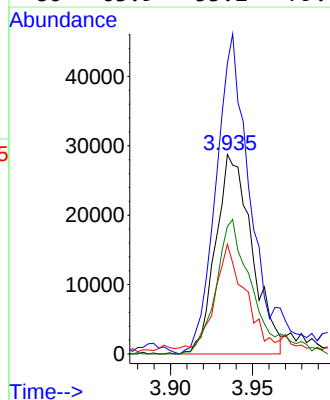
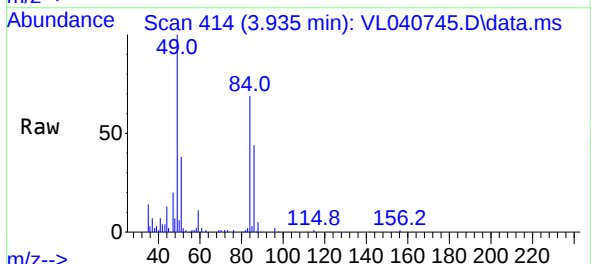
Instrument :
MSVOA_L
ClientSampleId :

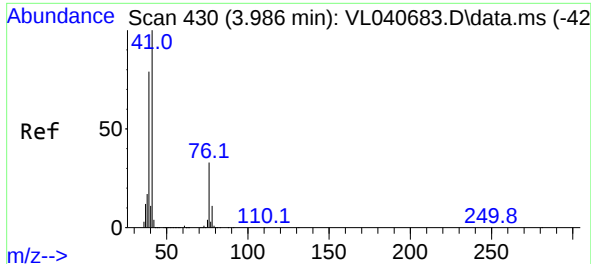
Tgt Ion: 45 Resp: 17881
Ion Ratio Lower Upper
45 100
58 12.0 1.9 2.9#



#20
Methylene Chloride
Concen: 0.745 ppbv
RT: 3.935 min Scan# 414
Delta R.T. -0.003 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

Tgt Ion: 84 Resp: 44245
Ion Ratio Lower Upper
84 100
49 145.7 114.4 171.6
51 52.0 35.5 53.3
86 63.9 53.2 79.8





#21

Allyl Chloride

Concen: 0.599 ppbv

RT: 4.002 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL040745.D

Acq: 4 Oct 2023 18:13

Instrument :

MSVOA_L

ClientSampleId :

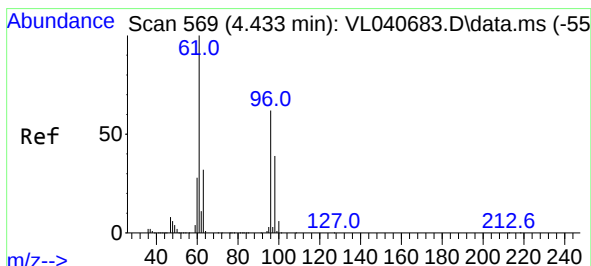
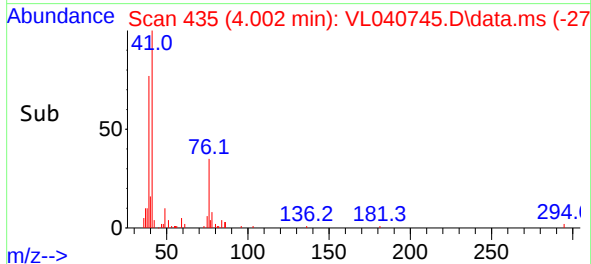
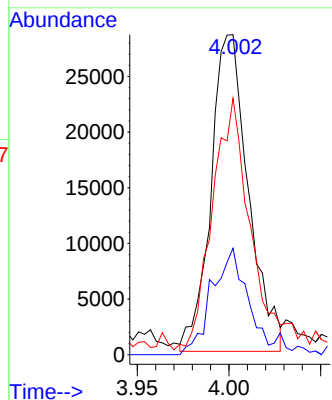
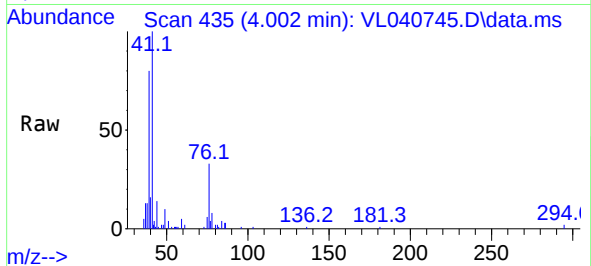
Tgt Ion: 41 Resp: 40489

Ion Ratio Lower Upper

41 100

76 34.2 26.6 40.0

39 98.7 65.0 97.4#



#22

trans-1,2-Dichloroethene

Concen: 0.602 ppbv

RT: 4.446 min Scan# 573

Delta R.T. -0.006 min

Lab File: VL040745.D

Acq: 4 Oct 2023 18:13

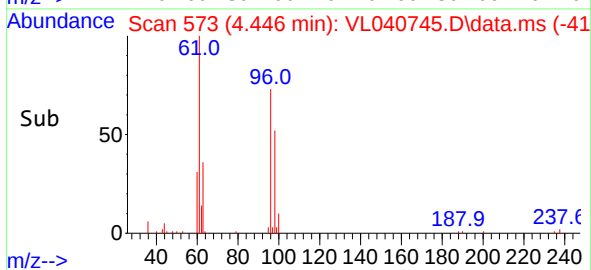
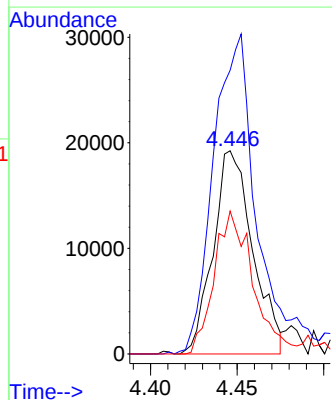
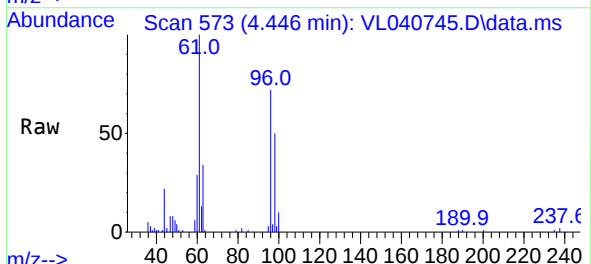
Tgt Ion: 96 Resp: 30659

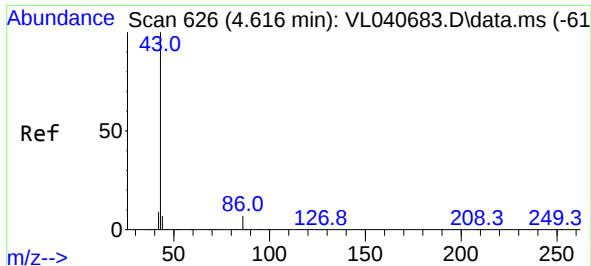
Ion Ratio Lower Upper

96 100

61 138.2 129.9 194.9

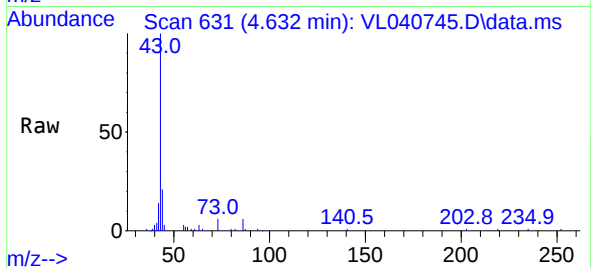
98 70.3 50.2 75.4





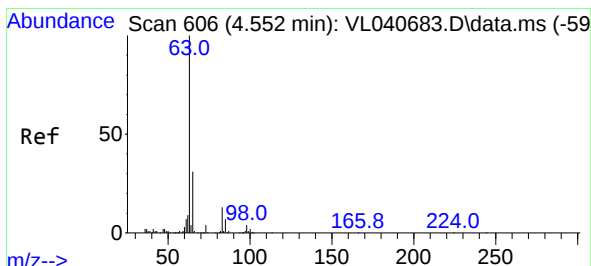
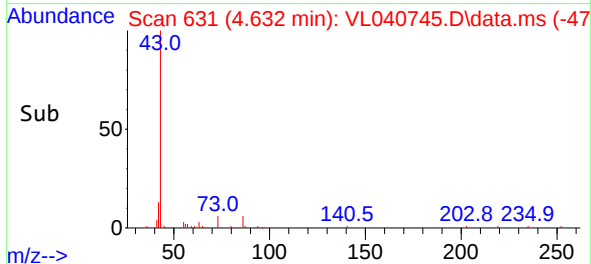
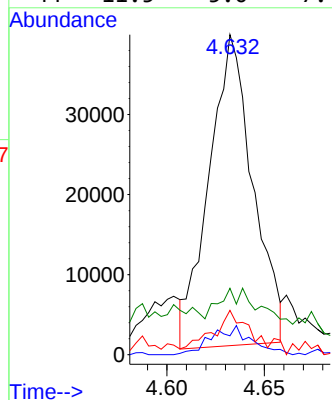
#23
 Vinyl Acetate
 Concen: 0.533 ppbv
 RT: 4.632 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL040745.D
 Acq: 4 Oct 2023 18:13

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 43 Resp: 60781

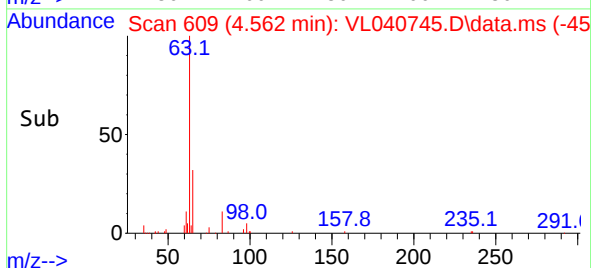
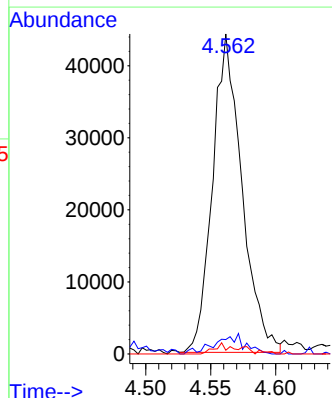
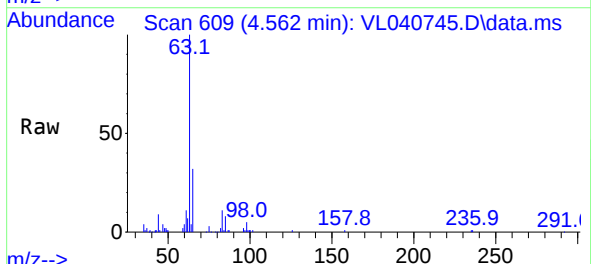
Ion	Ratio	Lower	Upper
43	100		
86	6.6	5.6	8.4
42	14.4	7.6	11.4#
44	11.5	5.0	7.4#

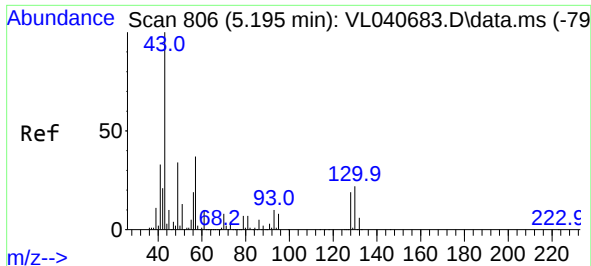


#24
 1,1-Dichloroethane
 Concen: 0.649 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. -0.006 min
 Lab File: VL040745.D
 Acq: 4 Oct 2023 18:13

Tgt Ion: 63 Resp: 69300

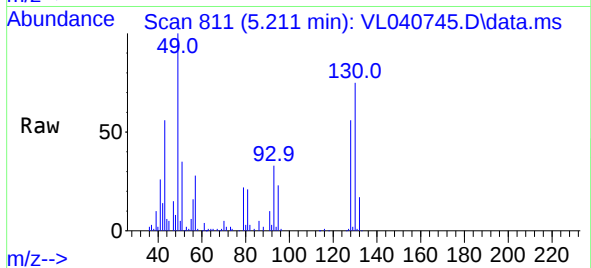
Ion	Ratio	Lower	Upper
63	100		
98	5.2	1.8	5.5
100	1.2	1.2	3.6#



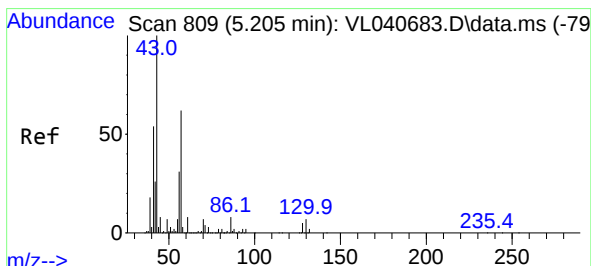
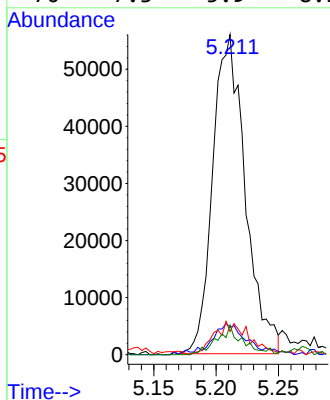
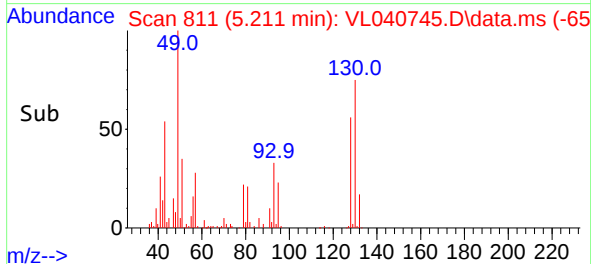


#25
Ethyl Acetate
Concen: 0.570 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

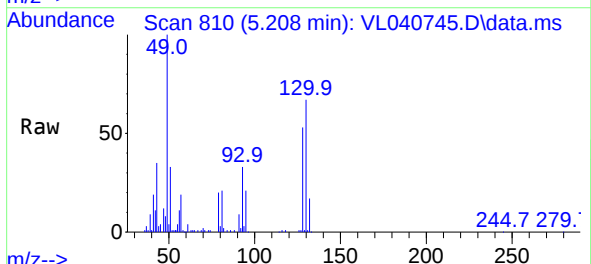
Instrument :
MSVOA_L
ClientSampleId :



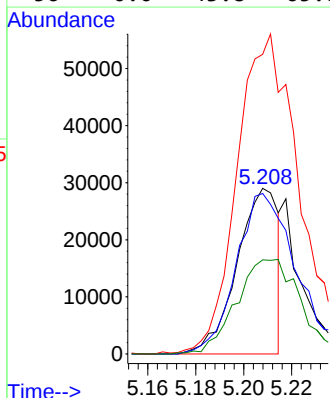
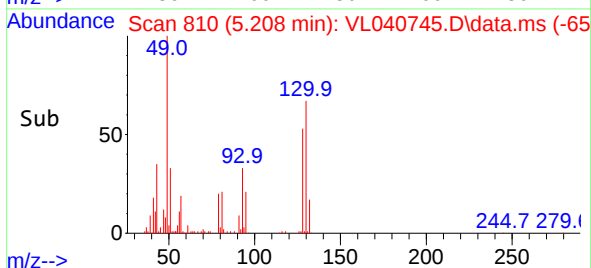
Tgt Ion: 43 Resp: 101356
Ion Ratio Lower Upper
43 100
45 10.9 8.2 12.4
61 12.4 8.2 12.4#
70 7.3 5.9 8.9

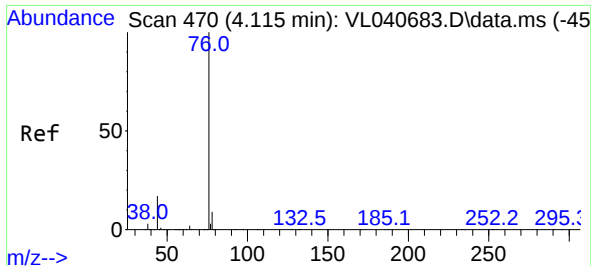


#26
Hexane
Concen: 0.411 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.013 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13



Tgt Ion: 57 Resp: 34587
Ion Ratio Lower Upper
57 100
41 145.0 75.2 112.8#
43 0.0 185.6 278.4#
56 0.0 43.8 65.8#

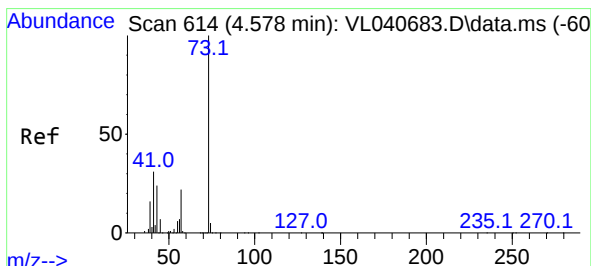
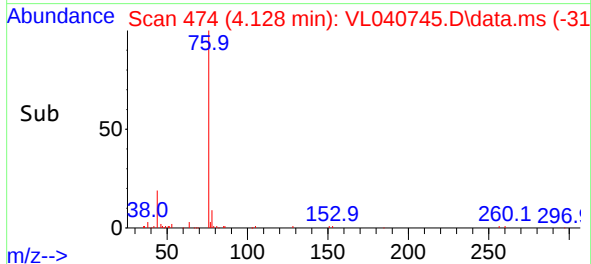
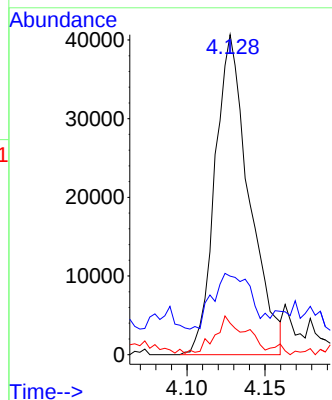
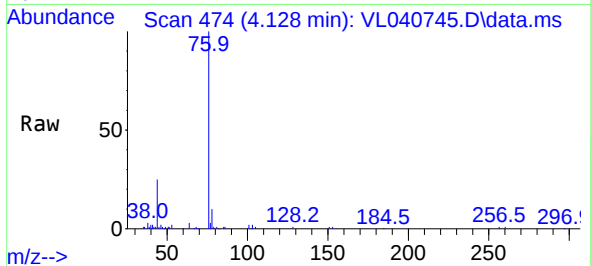




#27
Carbon Disulfide
Concen: 0.528 ppbv
RT: 4.128 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

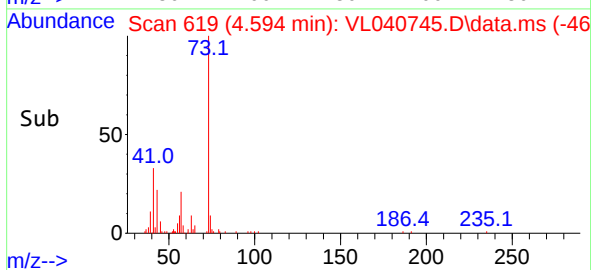
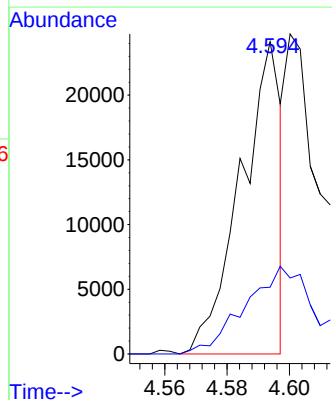
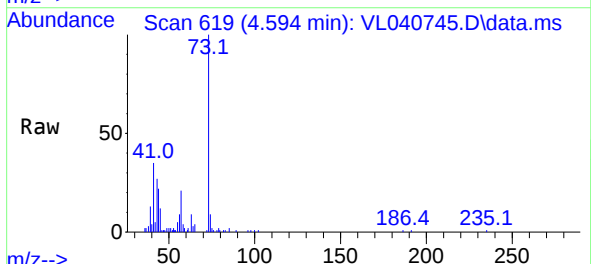
Instrument :
MSVOA_L
ClientSampleId :

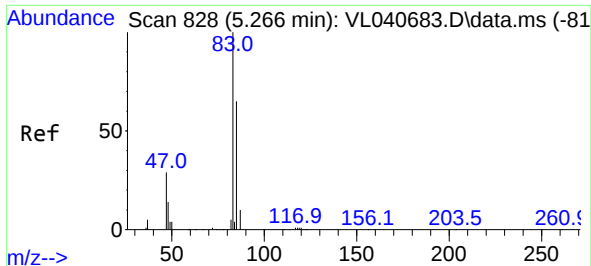
Tgt Ion: 76 Resp: 61918
Ion Ratio Lower Upper
76 100
44 29.8 14.5 21.7#
78 12.6 7.7 11.5#



#28
Methyl tert-Butyl Ether
Concen: 0.298 ppbv
RT: 4.594 min Scan# 619
Delta R.T. 0.003 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

Tgt Ion: 73 Resp: 21592
Ion Ratio Lower Upper
73 100
57 0.0 18.8 28.2#

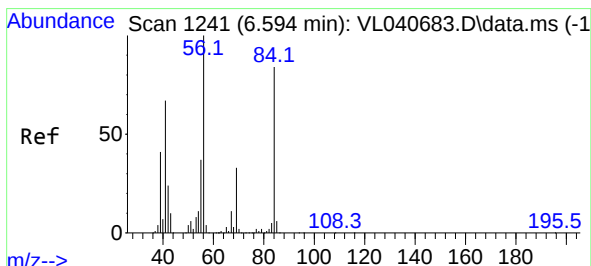
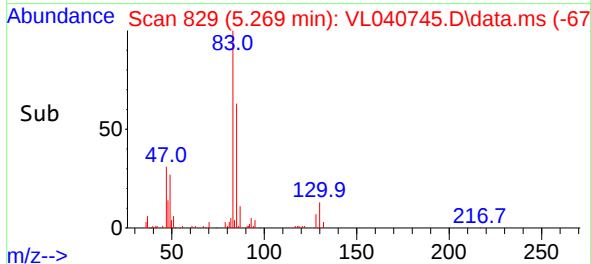
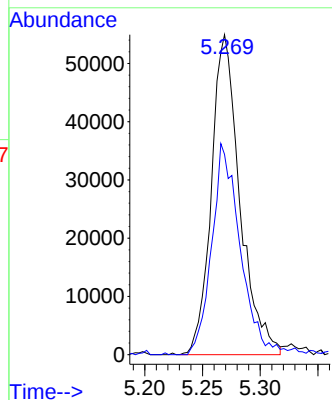
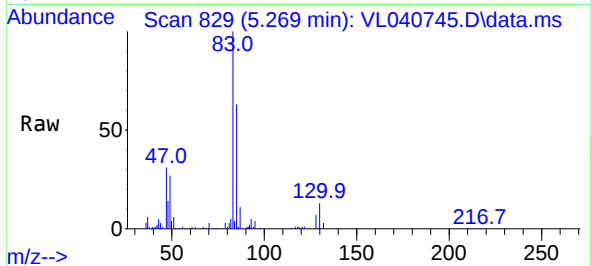




#29
Chloroform
Concen: 0.650 ppbv
RT: 5.269 min Scan# 81
Delta R.T. -0.013 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

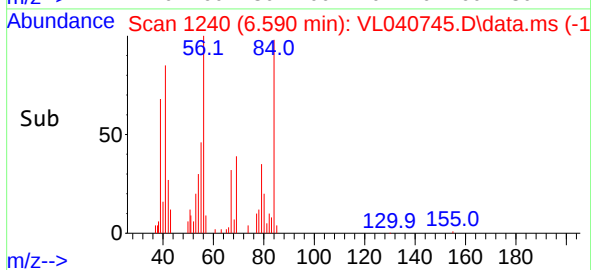
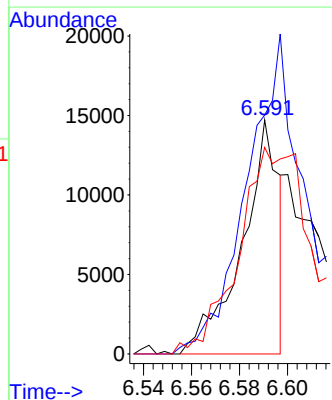
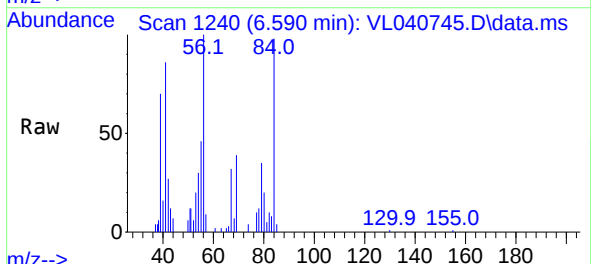
Instrument :
MSVOA_L
ClientSampleId :

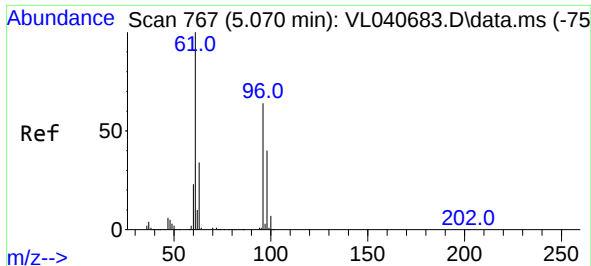
Tgt Ion: 83 Resp: 94393
Ion Ratio Lower Upper
83 100
85 62.6 51.8 77.8



#30
Cyclohexane
Concen: 0.245 ppbv
RT: 6.590 min Scan# 1240
Delta R.T. -0.019 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

Tgt Ion: 84 Resp: 15540
Ion Ratio Lower Upper
84 100
56 0.0 103.2 154.8#
41 186.0 65.5 98.3#

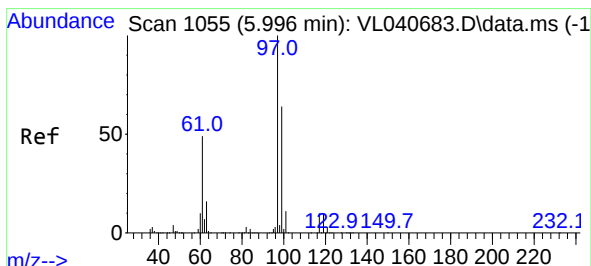
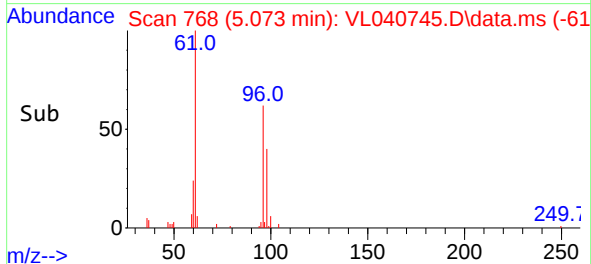
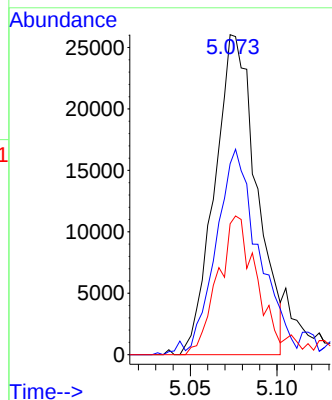
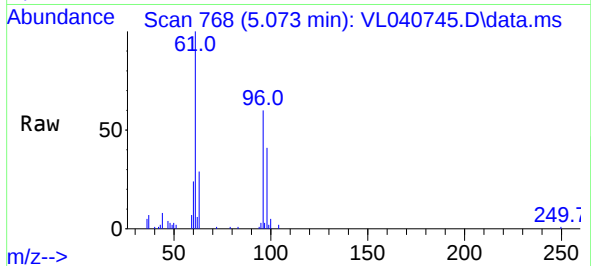




#31
cis-1,2-Dichloroethene
Concen: 0.563 ppbv
RT: 5.073 min Scan# 767
Delta R.T. -0.013 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

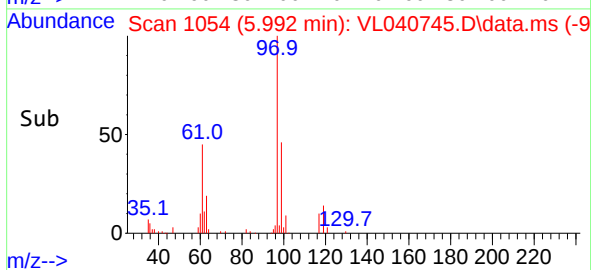
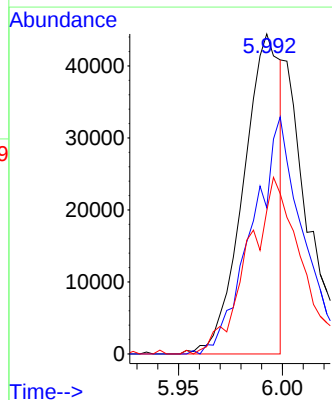
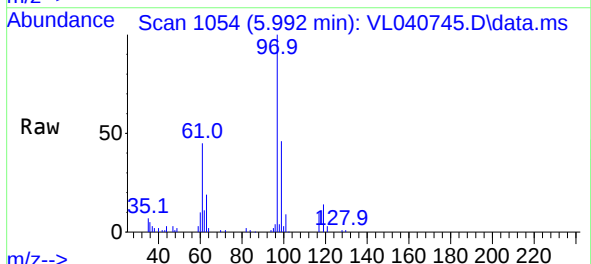
Instrument :
MSVOA_L
ClientSampleId :

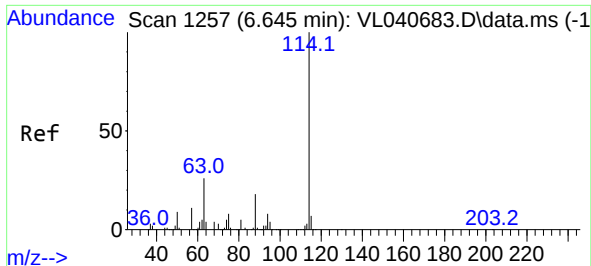
Tgt Ion: 61 Resp: 43900
Ion Ratio Lower Upper
61 100
96 55.4 51.2 76.8
98 40.9 32.3 48.5



#32
1,1,1-Trichloroethane
Concen: 0.370 ppbv
RT: 5.992 min Scan# 1054
Delta R.T. -0.019 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

Tgt Ion: 97 Resp: 54867
Ion Ratio Lower Upper
97 100
99 106.3 52.4 78.6#
61 83.3 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: VL040745.D

Acq: 4 Oct 2023 18:13

Instrument :

MSVOA_L

ClientSampleId :

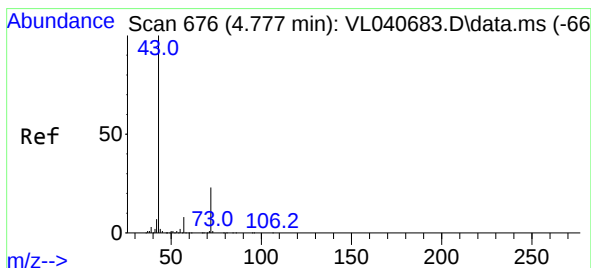
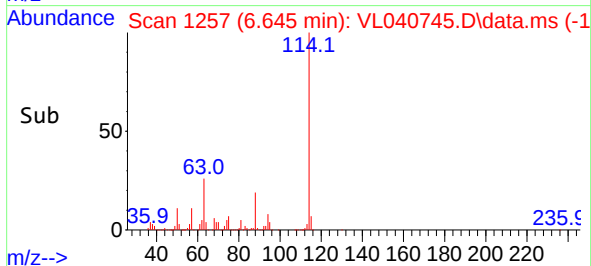
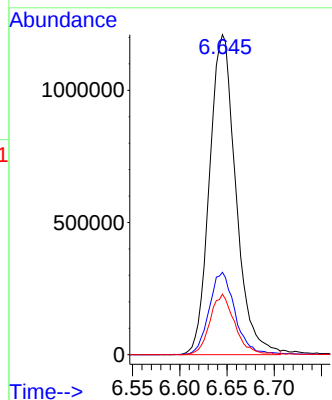
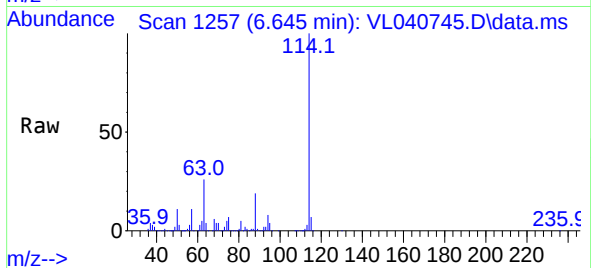
Tgt Ion:114 Resp: 2345529

Ion Ratio Lower Upper

114 100

63 25.8 21.1 31.7

88 18.0 14.5 21.7



#34

2-Butanone

Concen: 0.275 ppbv

RT: 4.796 min Scan# 682

Delta R.T. 0.007 min

Lab File: VL040745.D

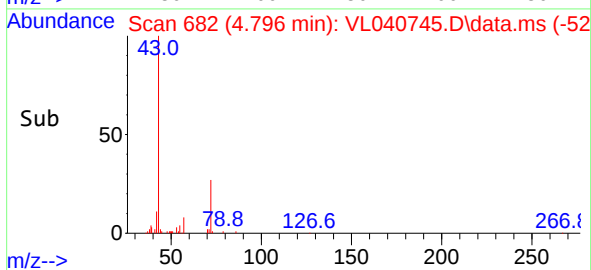
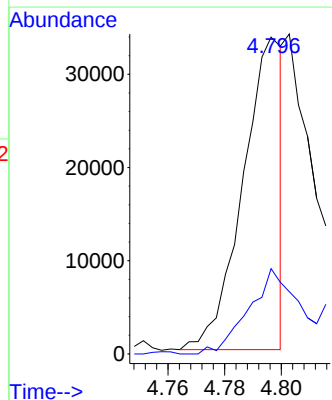
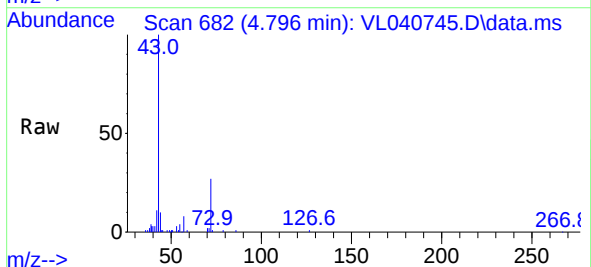
Acq: 4 Oct 2023 18:13

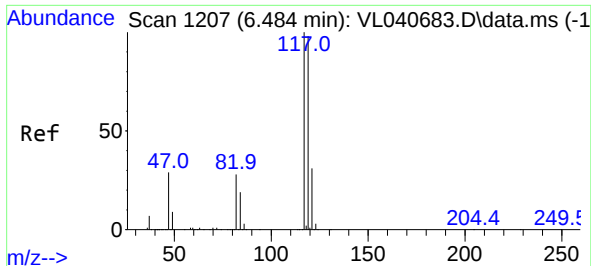
Tgt Ion: 43 Resp: 32393

Ion Ratio Lower Upper

43 100

72 48.4 18.6 27.8#

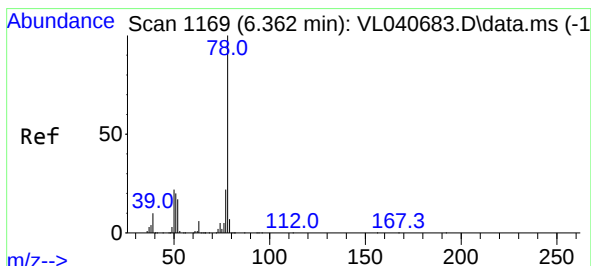
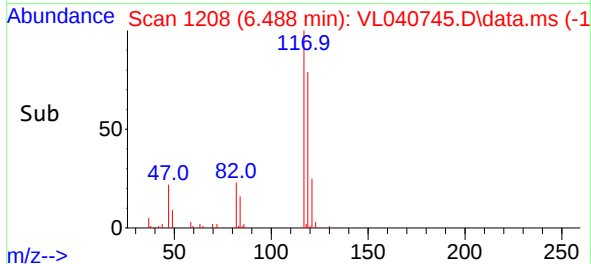
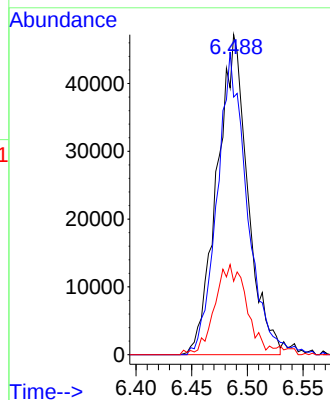
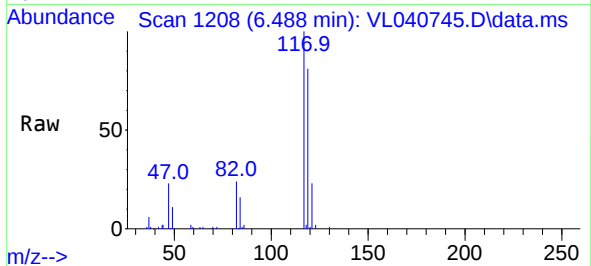




#35
Carbon Tetrachloride
Concen: 0.563 ppbv
RT: 6.488 min Scan# 1170
Delta R.T. -0.016 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

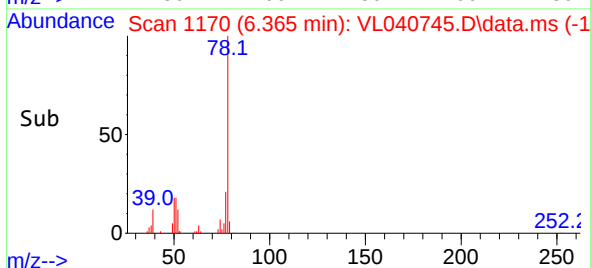
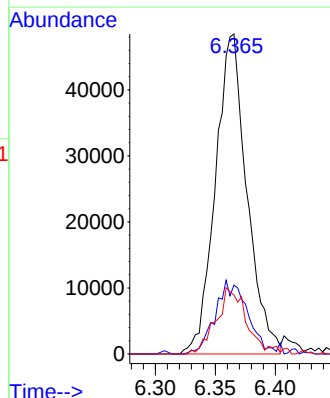
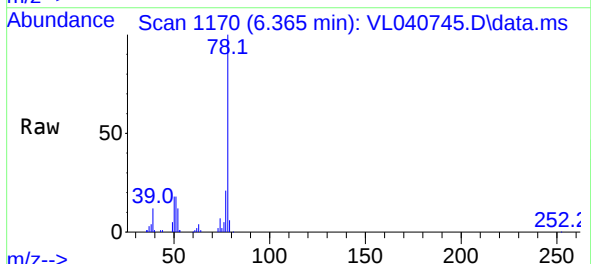
Instrument :
MSVOA_L
ClientSampleId :

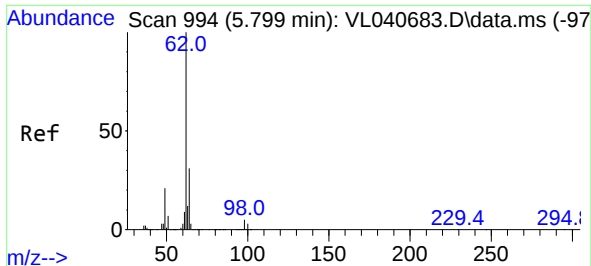
Tgt Ion:117 Resp: 90691
Ion Ratio Lower Upper
117 100
119 80.5 78.6 117.8
121 23.0 24.7 37.1#



#36
Benzene
Concen: 0.509 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. -0.016 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

Tgt Ion: 78 Resp: 88415
Ion Ratio Lower Upper
78 100
77 21.5 17.9 26.9
50 18.4 17.3 25.9

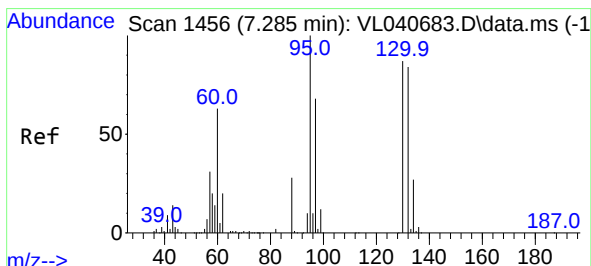
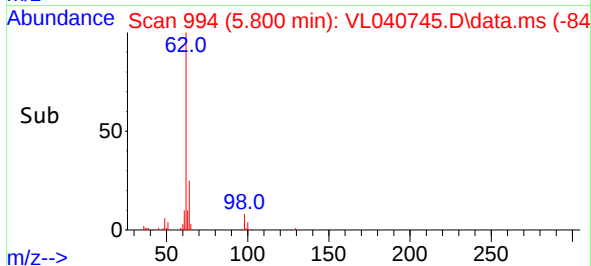
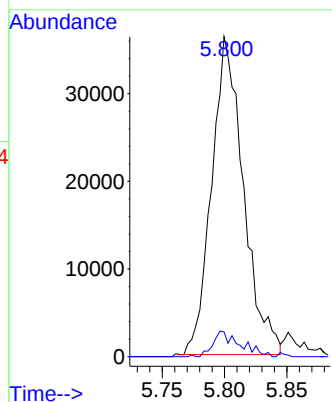
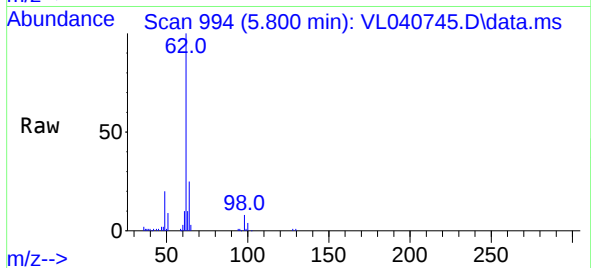




#37
1,2-Dichloroethane
Concen: 0.541 ppbv
RT: 5.800 min Scan# 994
Delta R.T. -0.016 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

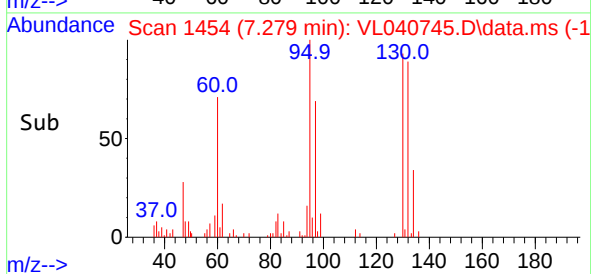
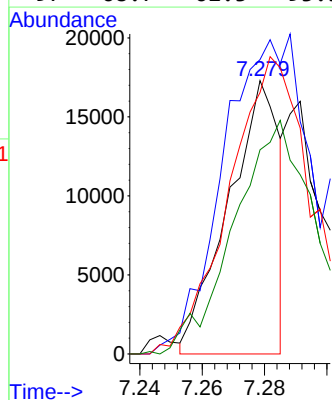
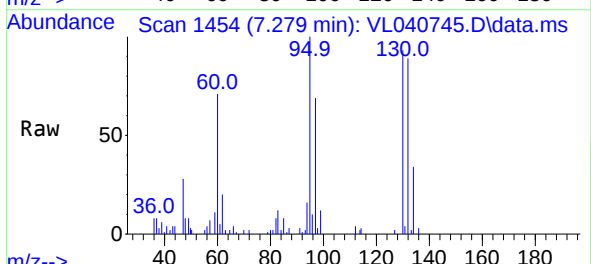
Instrument :
MSVOA_L
ClientSampleId :

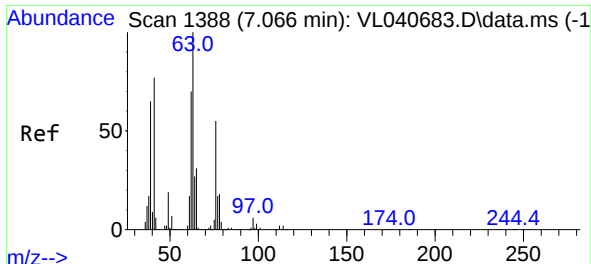
Tgt Ion: 62 Resp: 64367
Ion Ratio Lower Upper
62 100
98 7.1 4.2 6.4#



#38
Trichloroethene
Concen: 0.295 ppbv
RT: 7.279 min Scan# 1454
Delta R.T. -0.022 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

Tgt Ion:130 Resp: 19548
Ion Ratio Lower Upper
130 100
95 104.2 91.9 137.9
132 89.5 77.3 115.9
97 68.7 62.3 93.5





#39

1,2-Dichloropropane

Concen: 0.477 ppbv

RT: 7.066 min Scan# 11

Delta R.T. -0.016 min

Lab File: VL040745.D

Acq: 4 Oct 2023 18:13

Instrument :

MSVOA_L

ClientSampleId :

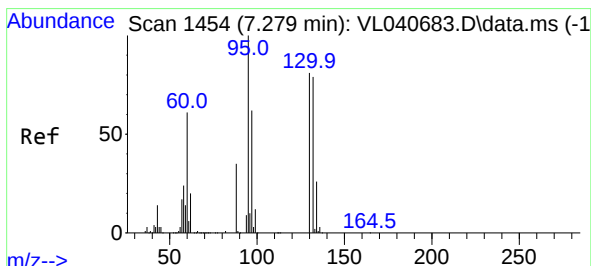
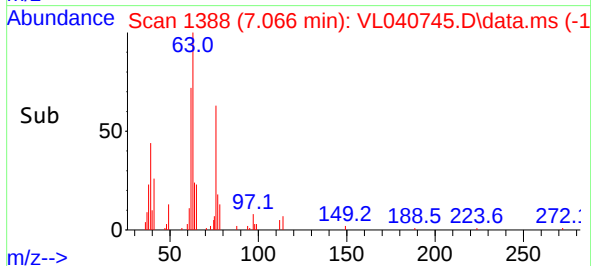
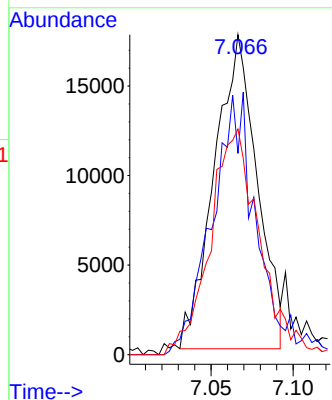
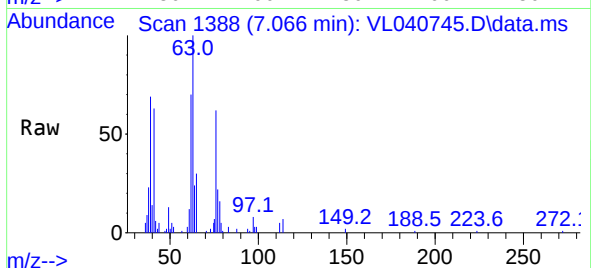
Tgt Ion: 63 Resp: 31859

Ion Ratio Lower Upper

63 100

41 60.7 61.6 92.4#

62 66.0 55.8 83.8



#40

1,4-Dioxane

Concen: 0.073 ppbv

RT: 7.301 min Scan# 1461

Delta R.T. 0.007 min

Lab File: VL040745.D

Acq: 4 Oct 2023 18:13

Tgt Ion: 88 Resp: 1845

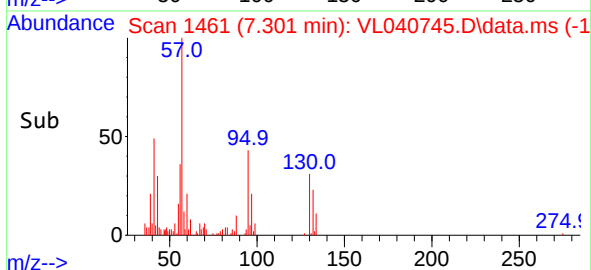
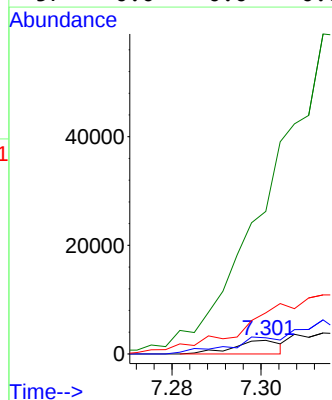
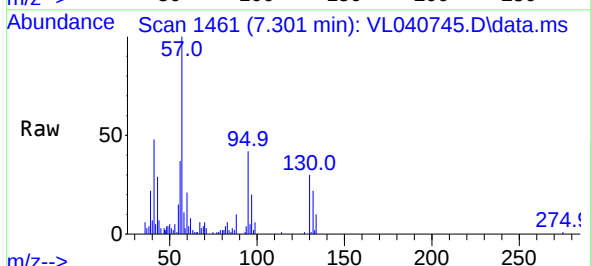
Ion Ratio Lower Upper

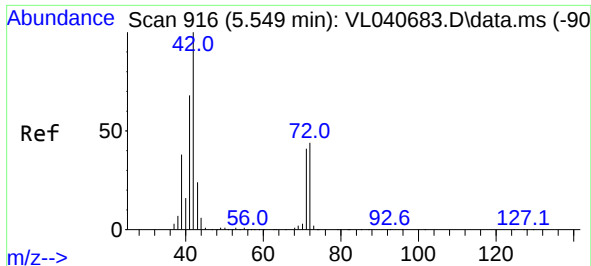
88 100

58 0.0 92.7 139.1#

43 0.0 0.0 0.0

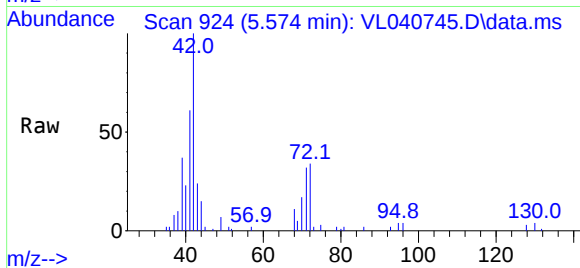
57 0.0 0.0 0.0



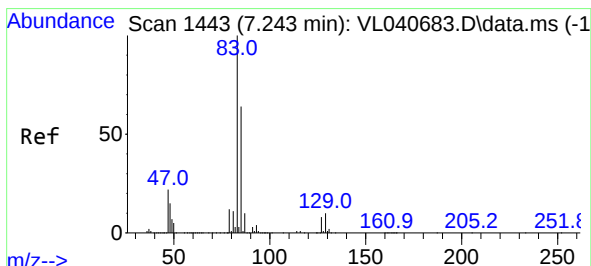
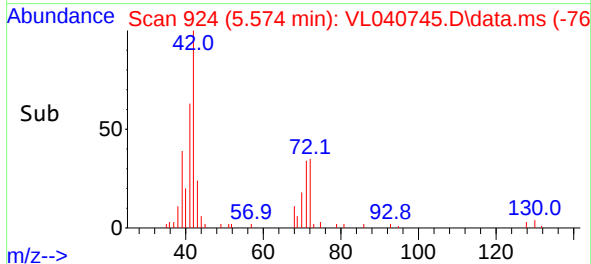
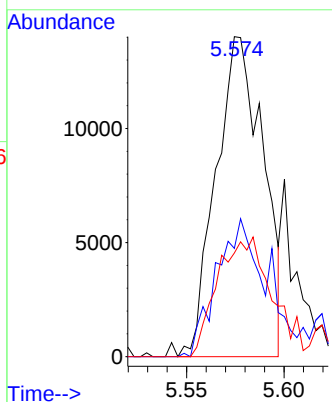


#41
Tetrahydrofuran
Concen: 0.391 ppbv
RT: 5.574 min Scan# 916
Delta R.T. 0.013 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

Instrument :
MSVOA_L
ClientSampleId :

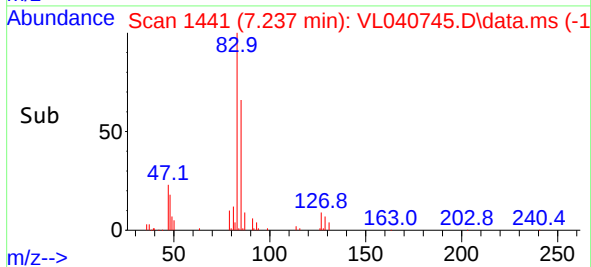
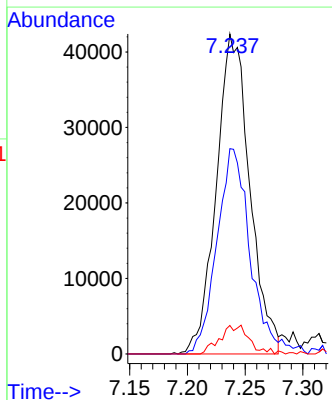
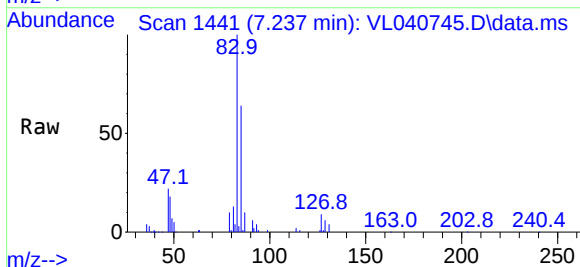


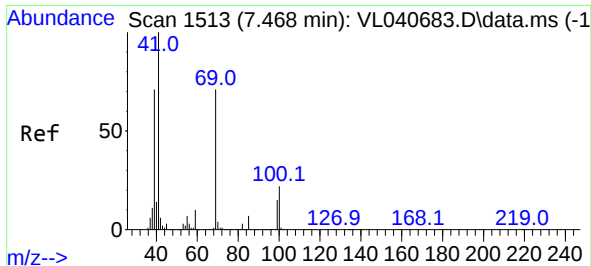
Tgt Ion: 42 Resp: 23625
Ion Ratio Lower Upper
42 100
72 53.1 34.9 52.3#
71 48.6 33.8 50.8



#42
Bromodichloromethane
Concen: 0.527 ppbv
RT: 7.237 min Scan# 1441
Delta R.T. -0.022 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

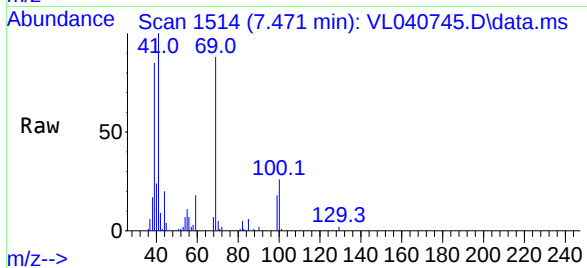
Tgt Ion: 83 Resp: 85532
Ion Ratio Lower Upper
83 100
85 64.1 51.2 76.8
127 8.9 6.2 9.4





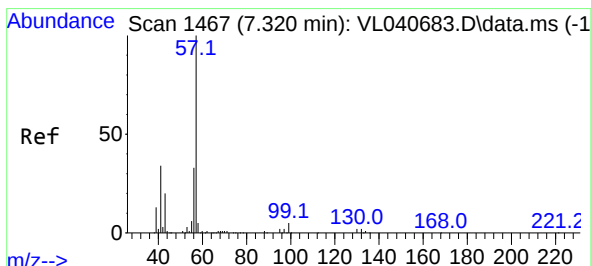
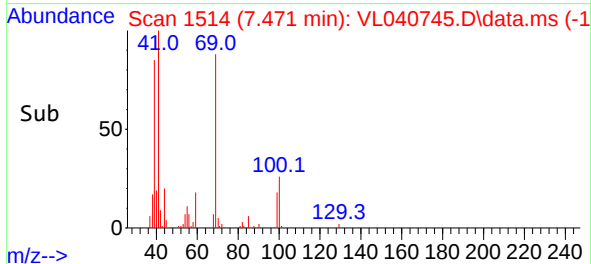
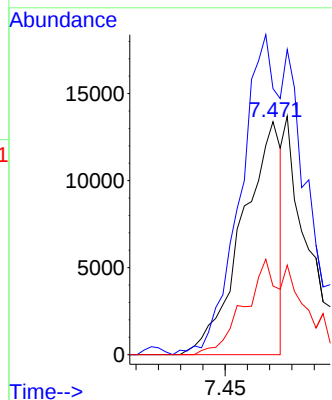
#43
Methyl Methacrylate
Concen: 0.250 ppbv
RT: 7.471 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 69 Resp: 16168

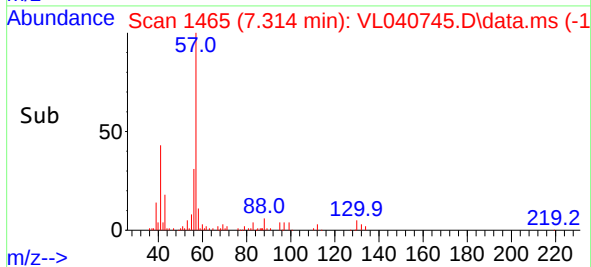
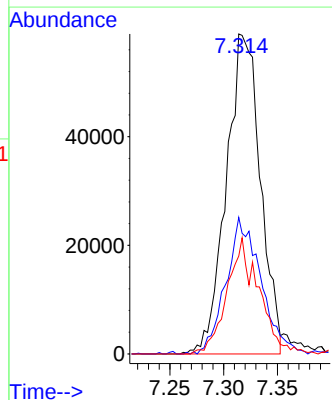
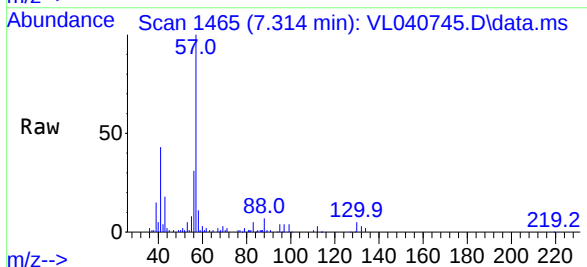
Ion	Ratio	Lower	Upper
69	100		
41	236.8	113.8	170.8#
100	63.9	25.4	38.0#

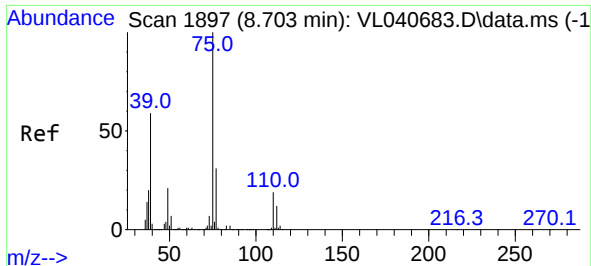


#44
2,2,4-Trimethylpentane
Concen: 0.470 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. -0.022 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

Tgt Ion: 57 Resp: 129920

Ion	Ratio	Lower	Upper
57	100		
41	44.2	28.5	42.7#
56	34.1	25.4	38.2

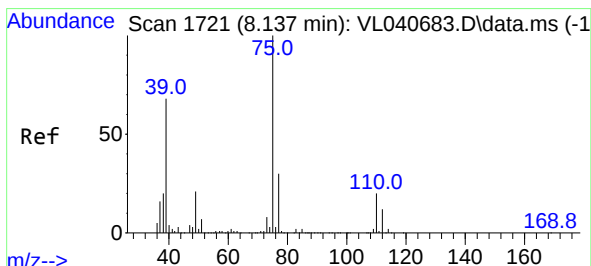
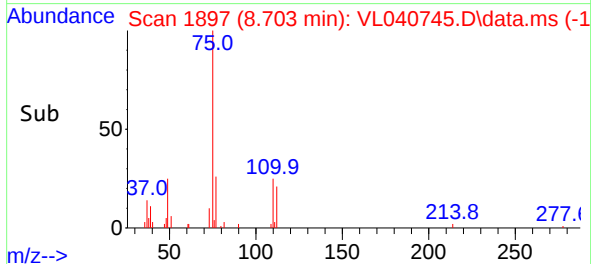
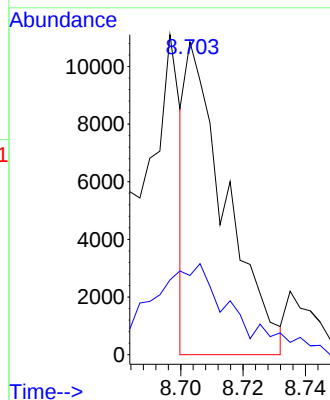
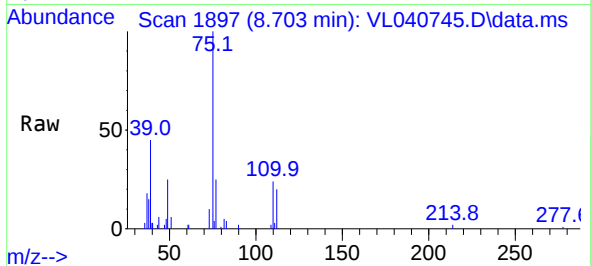




#45
 t-1,3-Dichloropropene
 Concen: 0.191 ppbv
 RT: 8.703 min Scan# 11
 Delta R.T. -0.019 min
 Lab File: VL040745.D
 Acq: 4 Oct 2023 18:13

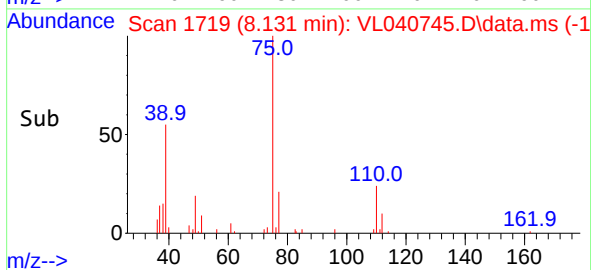
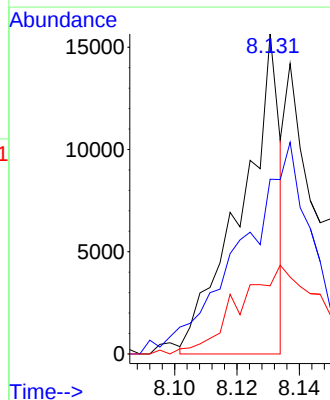
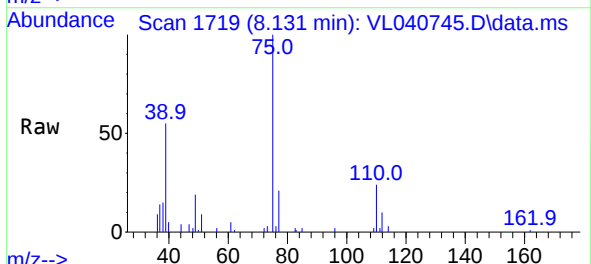
Instrument :
 MSVOA_L
 ClientSampleId :

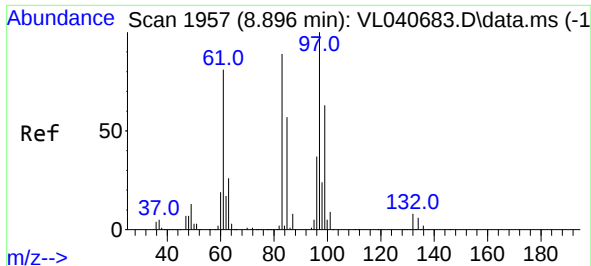
Tgt Ion: 75 Resp: 9558
 Ion Ratio Lower Upper
 75 100
 77 25.3 24.5 36.7



#46
 cis-1,3-Dichloropropene
 Concen: 0.220 ppbv
 RT: 8.131 min Scan# 1719
 Delta R.T. -0.019 min
 Lab File: VL040745.D
 Acq: 4 Oct 2023 18:13

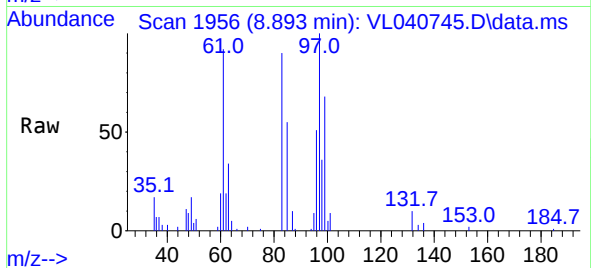
Tgt Ion: 75 Resp: 13460
 Ion Ratio Lower Upper
 75 100
 39 47.2 54.0 81.0#
 77 20.2 23.6 35.4#





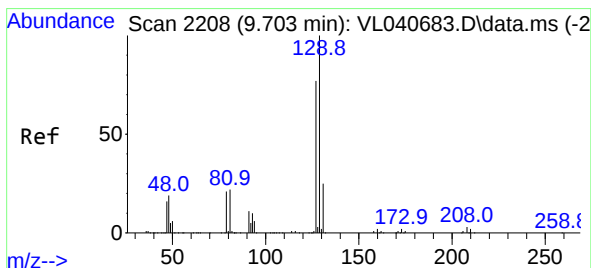
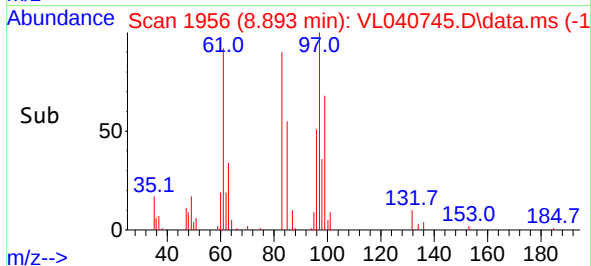
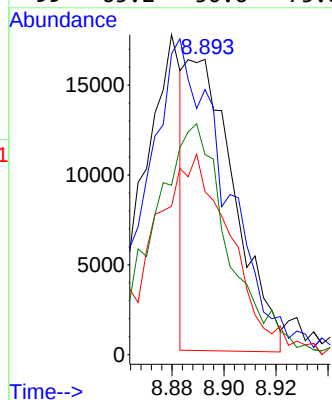
#47
1,1,2-Trichloroethane
Concen: 0.275 ppbv
RT: 8.893 min Scan# 1956
Delta R.T. -0.016 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 97 Resp: 21102

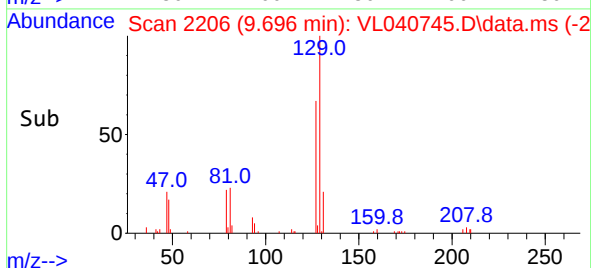
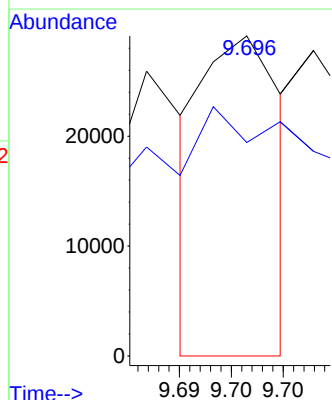
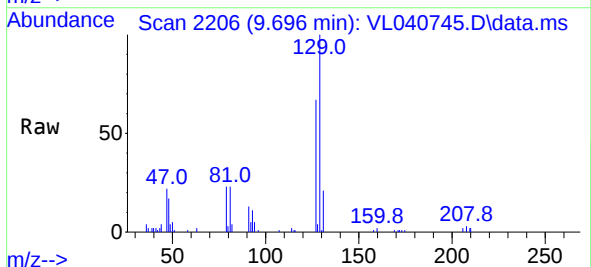
Ion	Ratio	Lower	Upper
97	100		
83	83.6	70.8	106.2
85	49.5	45.7	68.5
99	65.2	50.6	75.8

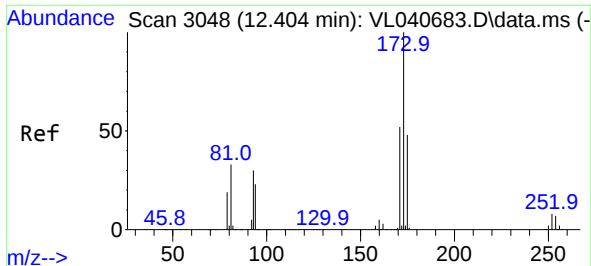


#48
Dibromochloromethane
Concen: 0.122 ppbv
RT: 9.696 min Scan# 2206
Delta R.T. -0.026 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

Tgt Ion: 129 Resp: 15392

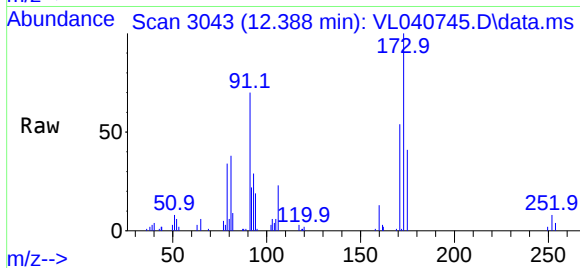
Ion	Ratio	Lower	Upper
129	100		
127	311.6	39.4	118.2



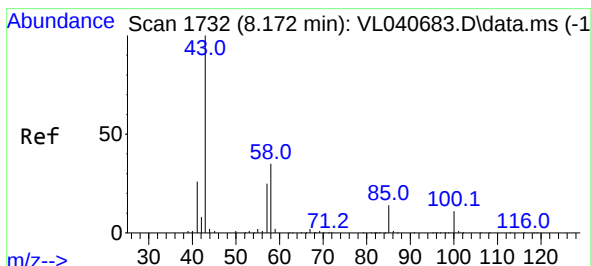
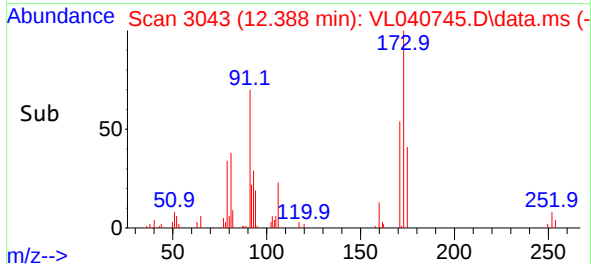
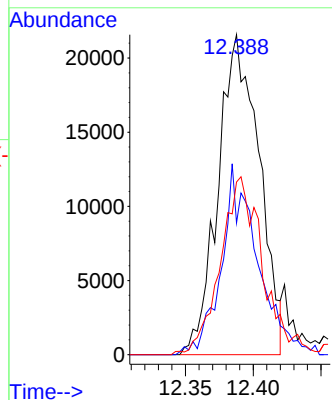


#49
Bromoform
Concen: 0.437 ppbv
RT: 12.388 min Scan# 3043
Delta R.T. -0.032 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

Instrument :
MSVOA_L
ClientSampleId :

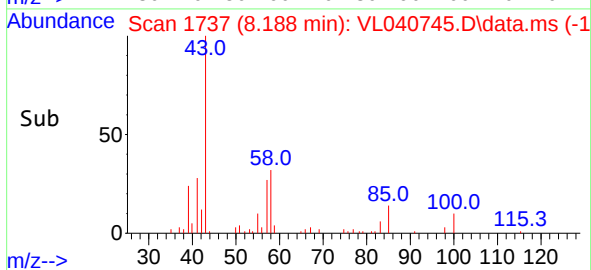
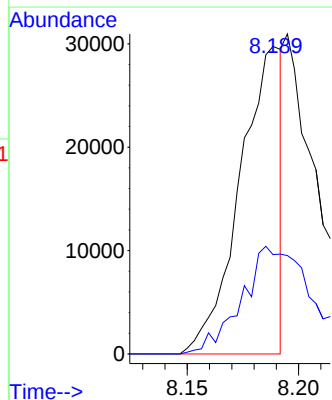
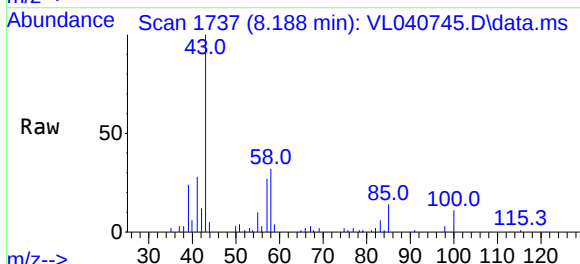


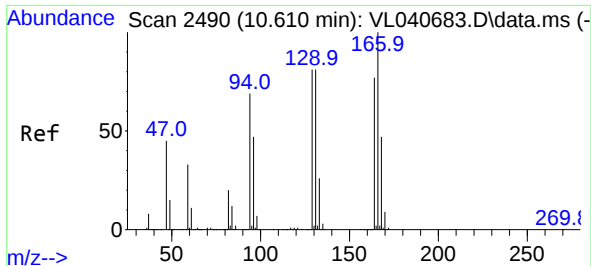
Tgt Ion:173 Resp: 45474
Ion Ratio Lower Upper
173 100
175 52.4 38.8 58.2
171 58.3 42.2 63.2



#50
4-Methyl-2-Pentanone
Concen: 0.243 ppbv
RT: 8.188 min Scan# 1737
Delta R.T. -0.003 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

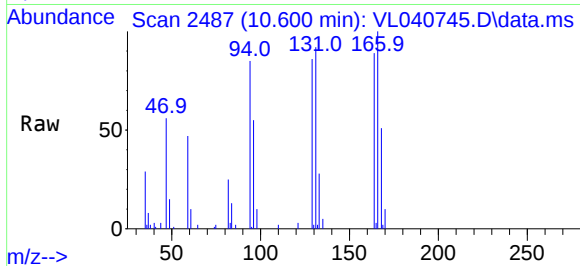
Tgt Ion: 43 Resp: 38665
Ion Ratio Lower Upper
43 100
58 62.5 28.2 42.4#



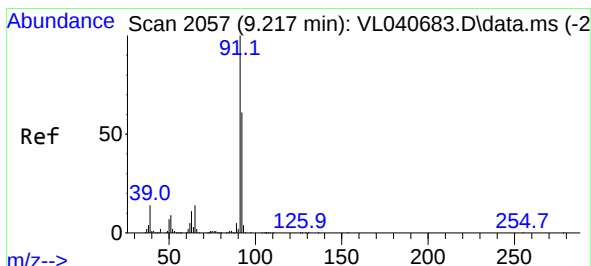
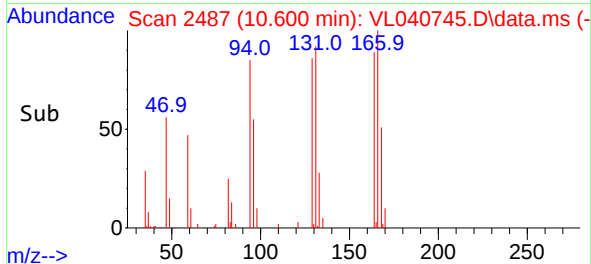
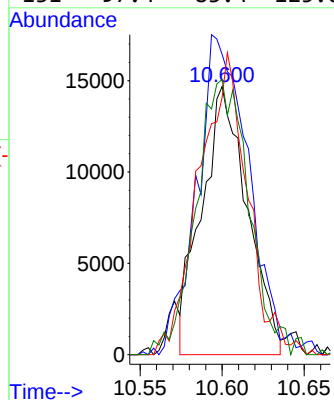


#52
Tetrachloroethene
Concen: 0.501 ppbv
RT: 10.600 min Scan# 2490
Delta R.T. -0.026 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

Instrument :
MSVOA_L
ClientSampleId :

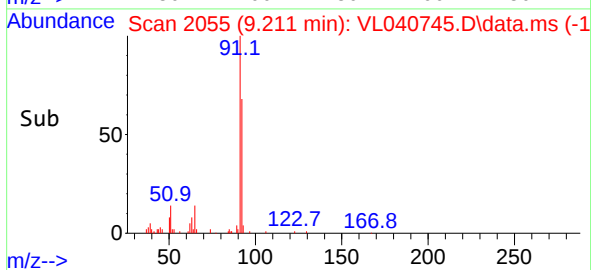
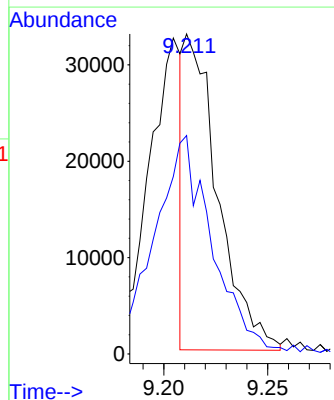
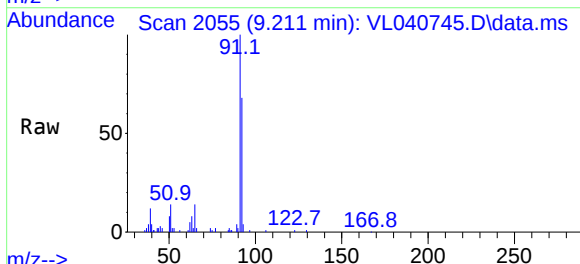


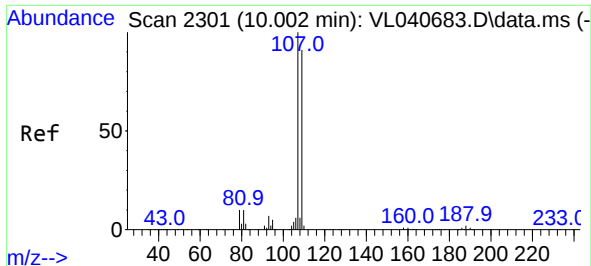
Tgt Ion:164 Resp: 28393
Ion Ratio Lower Upper
164 100
166 112.5 103.4 155.2
129 90.7 83.5 125.3
131 97.4 83.4 125.0



#53
Toluene
Concen: 0.201 ppbv
RT: 9.211 min Scan# 2055
Delta R.T. -0.019 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

Tgt Ion: 91 Resp: 36854
Ion Ratio Lower Upper
91 100
92 122.3 48.5 72.7#

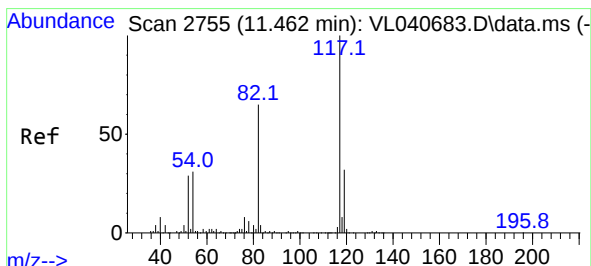
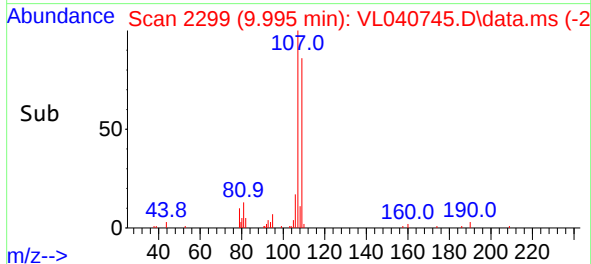
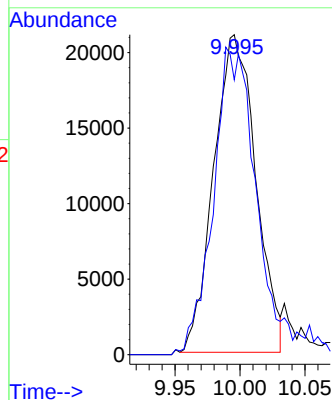
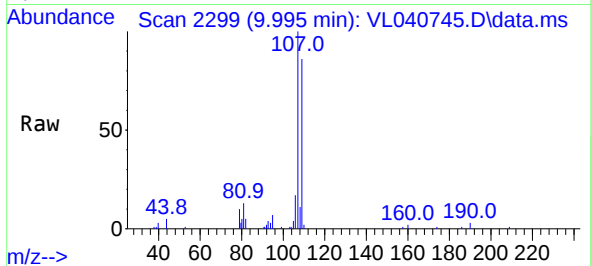




#54
1,2-Dibromoethane
Concen: 0.484 ppbv
RT: 9.995 min Scan# 21
Delta R.T. -0.022 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

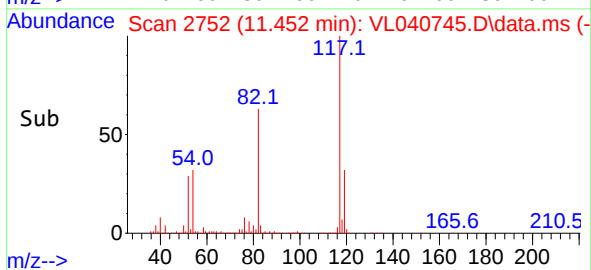
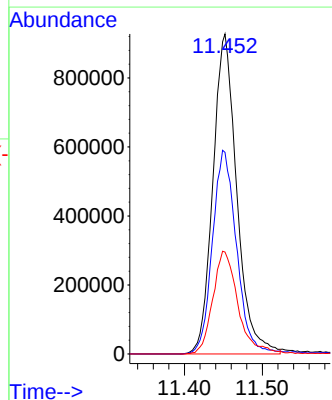
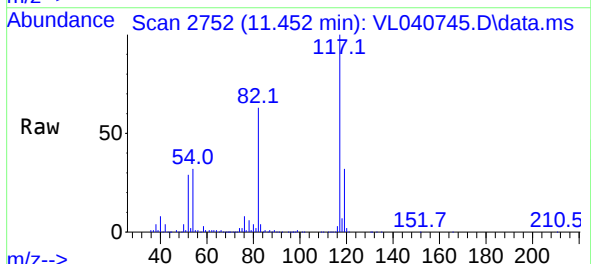
Instrument :
MSVOA_L
ClientSampleId :

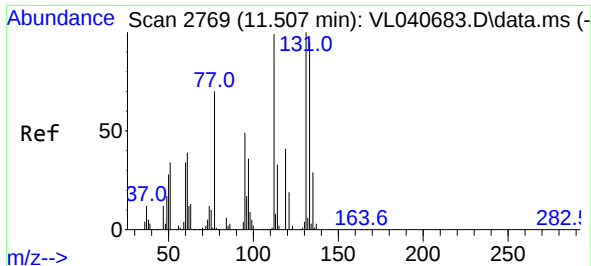
Tgt Ion:107 Resp: 47370
Ion Ratio Lower Upper
107 100
109 85.3 72.4 108.6



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 2752
Delta R.T. -0.026 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

Tgt Ion:117 Resp: 1973714
Ion Ratio Lower Upper
117 100
82 65.1 51.4 77.0
119 34.1 24.7 37.1

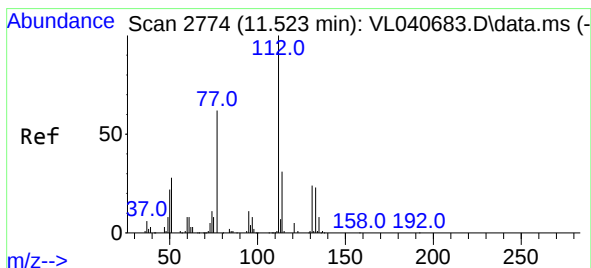
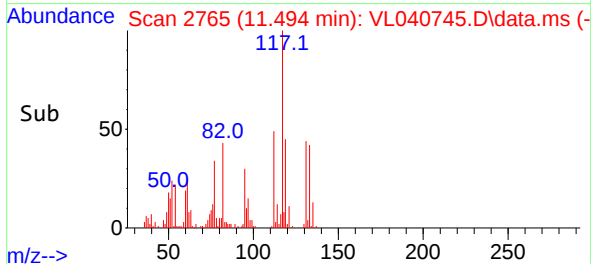
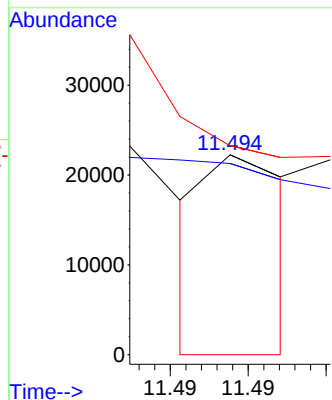
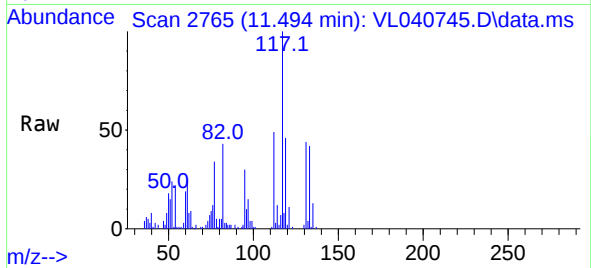




#56
1,1,1,2-Tetrachloroethane
Concen: 0.086 ppbv
RT: 11.494 min Scan# 211
Delta R.T. -0.026 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

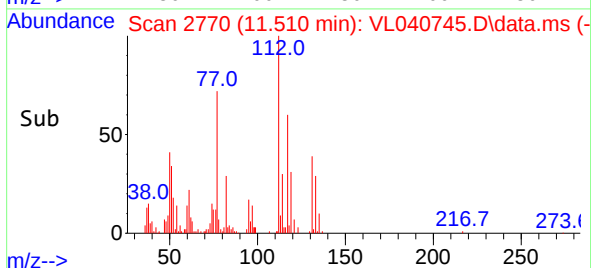
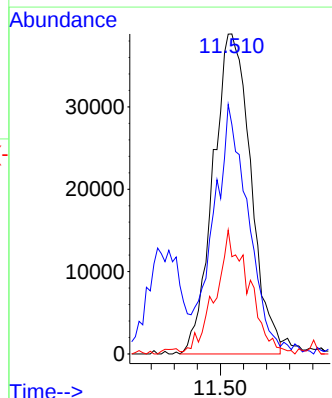
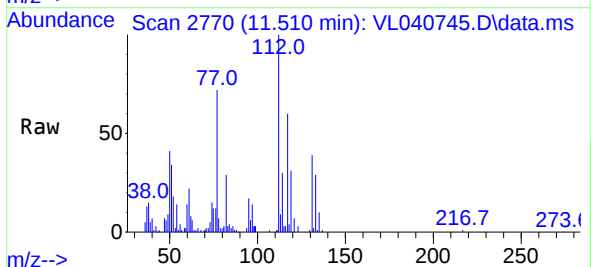
Instrument :
MSVOA_L
ClientSampleId :

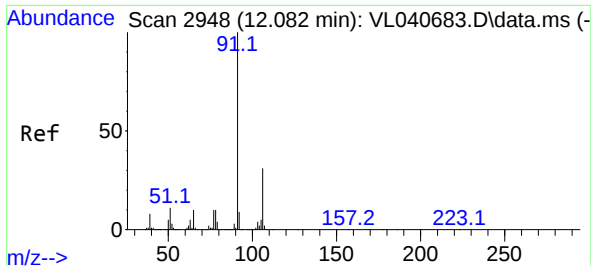
Tgt Ion:131 Resp: 8111
Ion Ratio Lower Upper
131 100
133 0.0 76.2 114.2#
119 0.0 45.5 68.3#



#57
Chlorobenzene
Concen: 0.588 ppbv
RT: 11.510 min Scan# 2770
Delta R.T. -0.026 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

Tgt Ion:112 Resp: 87913
Ion Ratio Lower Upper
112 100
77 69.4 50.8 76.2
114 29.7 28.2 34.4

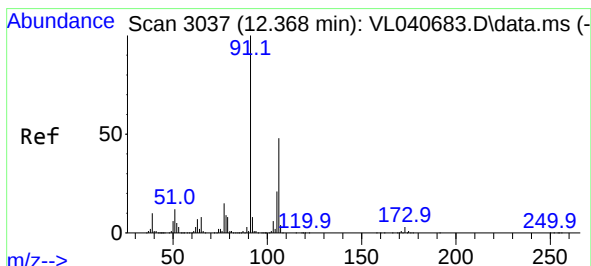
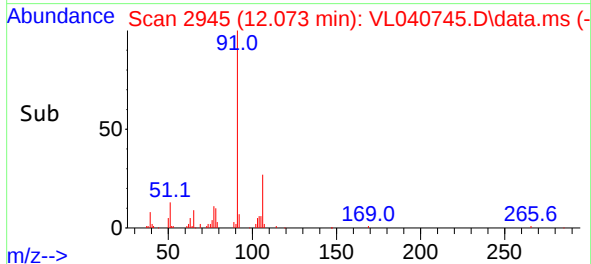
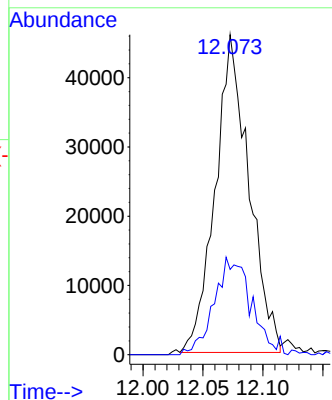
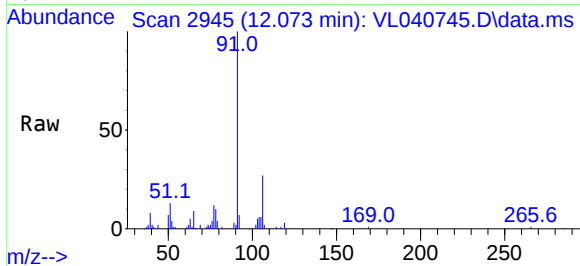




#58
Ethyl Benzene
Concen: 0.399 ppbv
RT: 12.073 min Scan# 2945
Delta R.T. -0.029 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

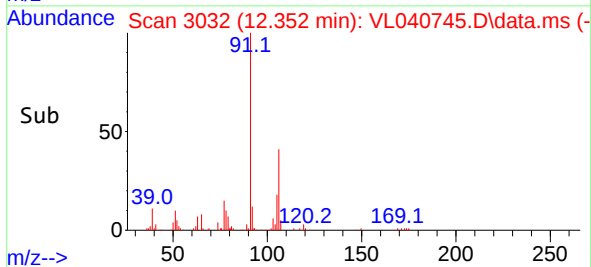
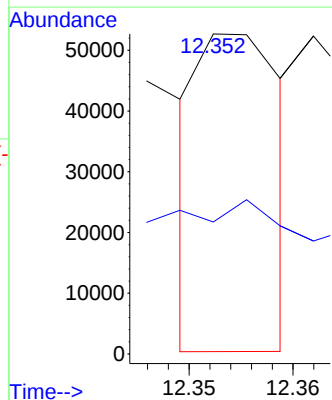
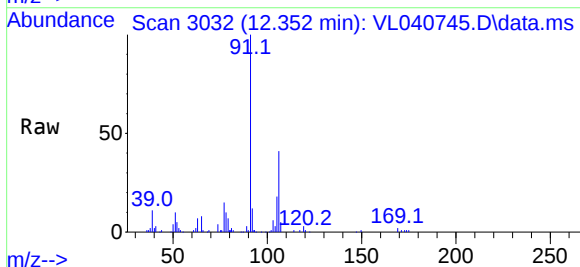
Instrument :
MSVOA_L
ClientSampleId :

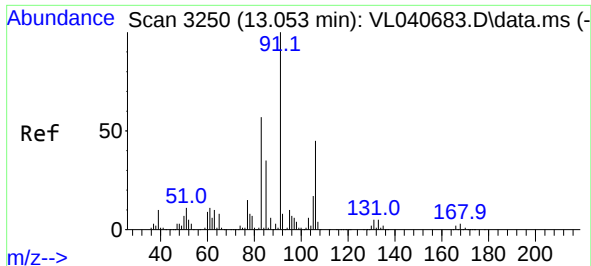
Tgt Ion: 91 Resp: 89834
Ion Ratio Lower Upper
91 100
106 26.8 24.7 37.1



#59
m/p-Xylene
Concen: 0.137 ppbv
RT: 12.352 min Scan# 3032
Delta R.T. -0.029 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

Tgt Ion: 91 Resp: 28846
Ion Ratio Lower Upper
91 100
106 286.1 34.8 52.2#

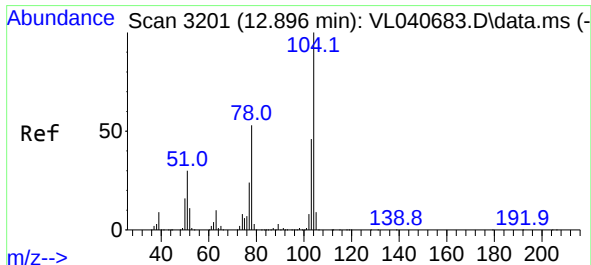
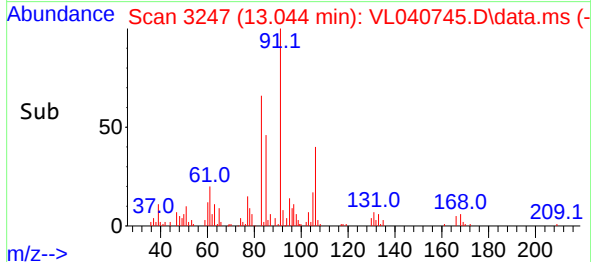
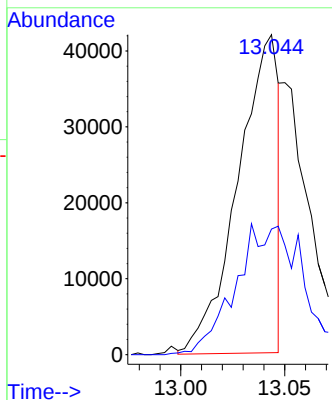
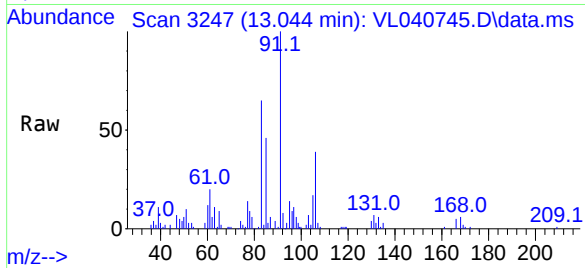




#60
o-Xylene
Concen: 0.282 ppbv
RT: 13.044 min Scan# 3197
Delta R.T. -0.026 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

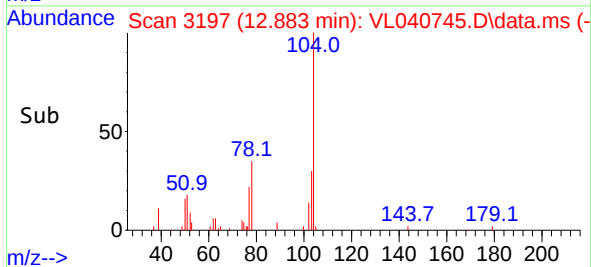
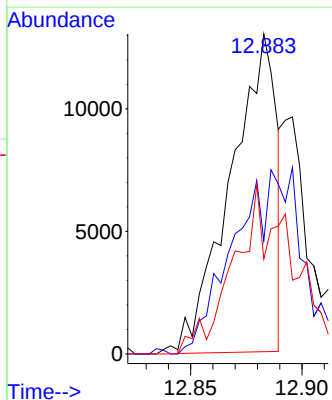
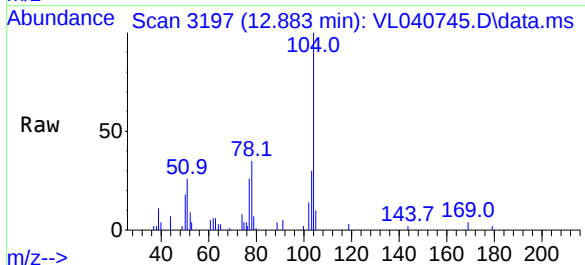
Instrument :
MSVOA_L
ClientSampleId :

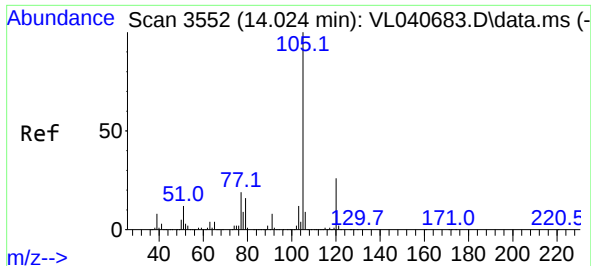
Tgt Ion: 91 Resp: 56834
Ion Ratio Lower Upper
91 100
106 69.8 22.3 66.9#



#61
Styrene
Concen: 0.218 ppbv
RT: 12.883 min Scan# 3197
Delta R.T. -0.022 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

Tgt Ion:104 Resp: 18439
Ion Ratio Lower Upper
104 100
78 0.0 43.4 65.0#
103 71.3 37.2 55.8#

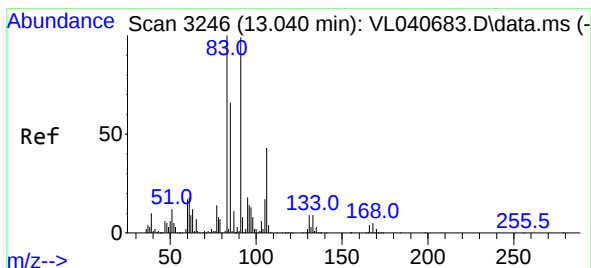
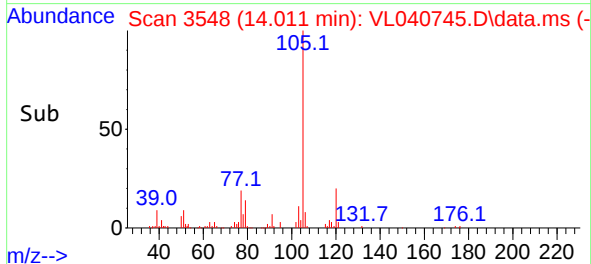
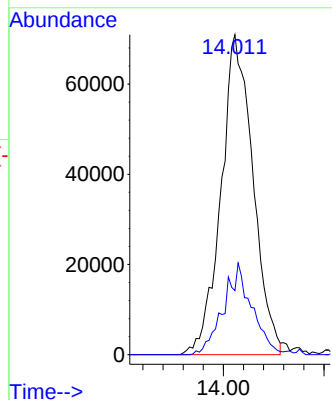
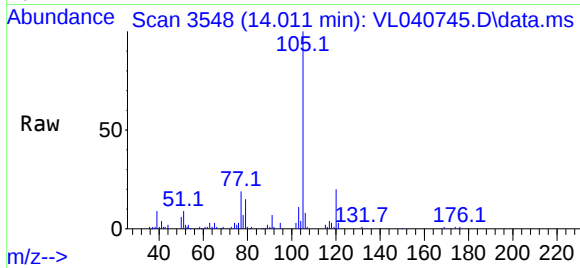




#62
Isopropylbenzene
Concen: 0.515 ppbv
RT: 14.011 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

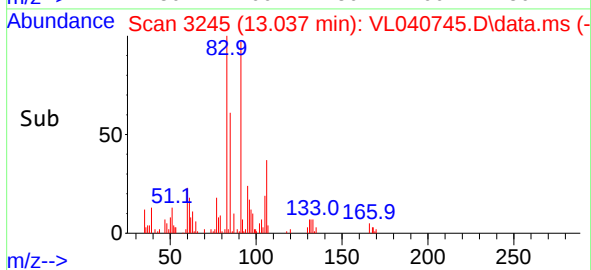
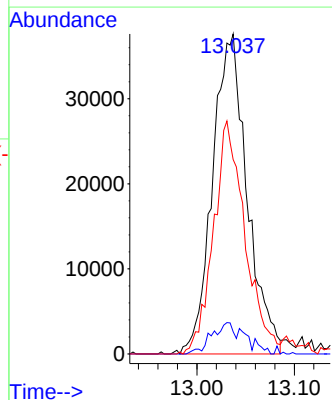
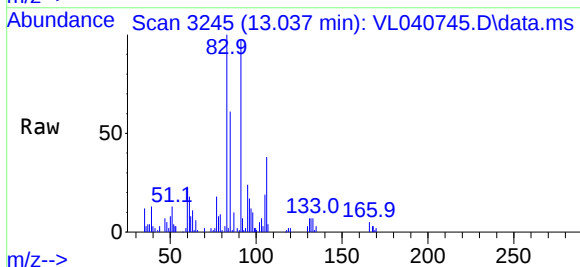
Instrument :
MSVOA_L
ClientSampleId :

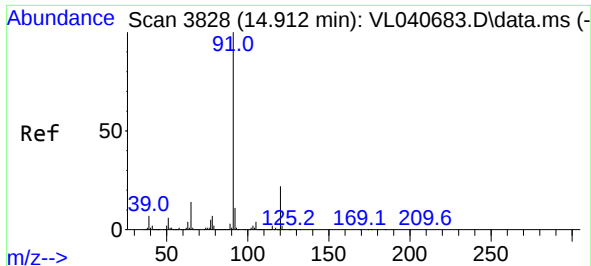
Tgt Ion:105 Resp: 156698
Ion Ratio Lower Upper
105 100
120 25.8 20.2 30.4



#63
1,1,2,2-Tetrachloroethane
Concen: 0.586 ppbv
RT: 13.037 min Scan# 3245
Delta R.T. -0.019 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

Tgt Ion: 83 Resp: 92600
Ion Ratio Lower Upper
83 100
131 9.8 4.7 14.1
85 70.8 33.1 99.3

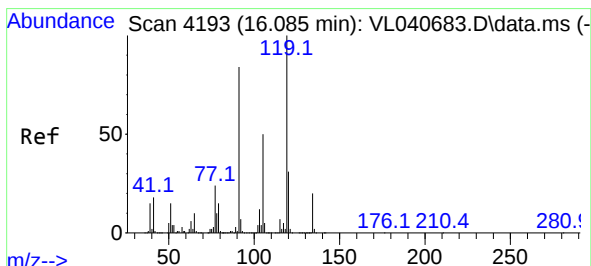
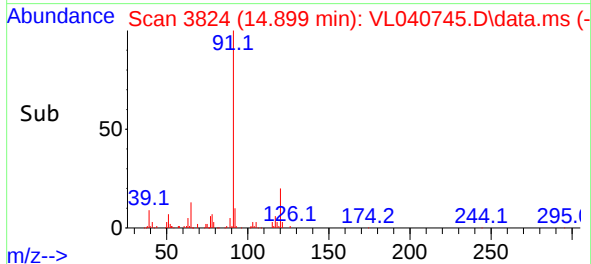
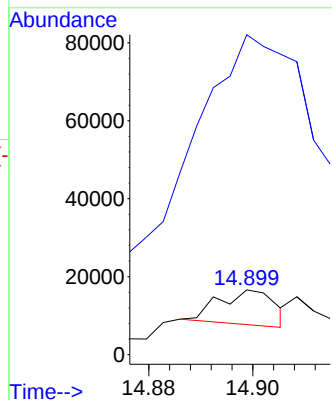
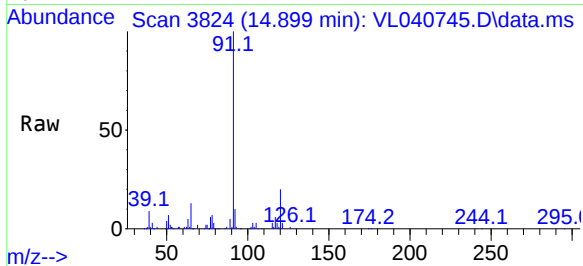




#64
n-propylbenzene
Concen: 0.085 ppbv
RT: 14.899 min Scan# 3824
Delta R.T. -0.026 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

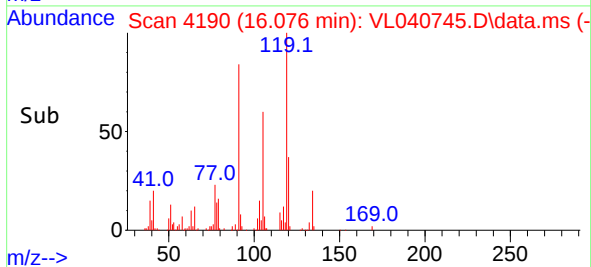
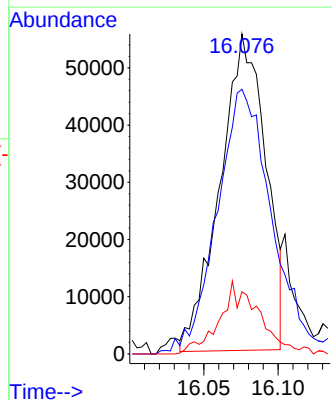
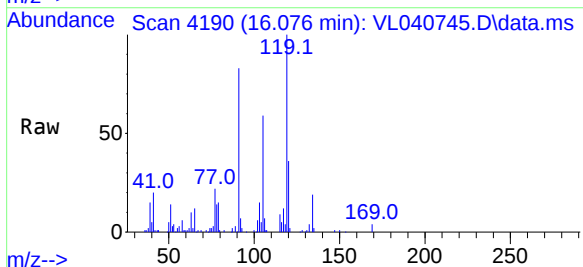
Instrument :
MSVOA_L
ClientSampleId :

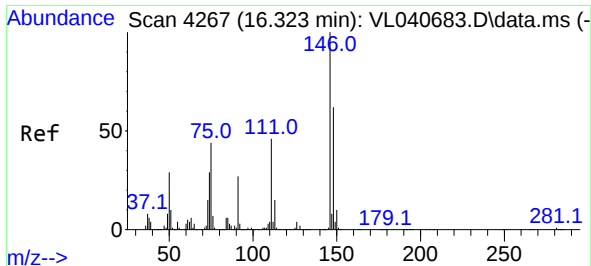
Tgt Ion:120 Resp: 6444
Ion Ratio Lower Upper
120 100
91 2933.0 386.9 580.3#



#65
tert-Butylbenzene
Concen: 0.435 ppbv
RT: 16.076 min Scan# 4190
Delta R.T. -0.022 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

Tgt Ion:119 Resp: 118894
Ion Ratio Lower Upper
119 100
91 103.0 69.8 104.8
134 20.0 15.4 23.2

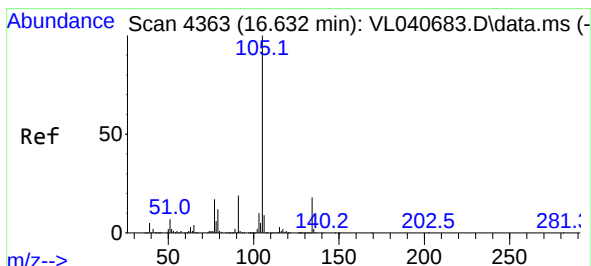
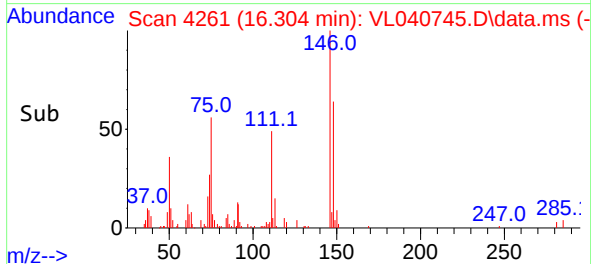
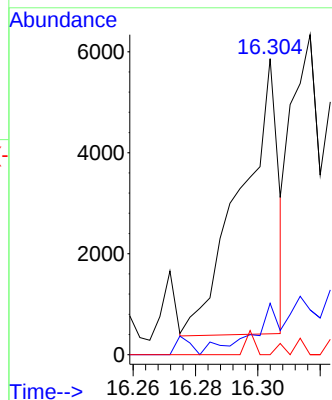
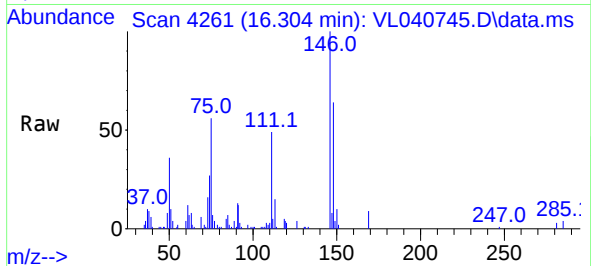




#66
Benzyl Chloride
Concen: 0.143 ppbv
RT: 16.304 min Scan# 4359
Delta R.T. -0.032 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

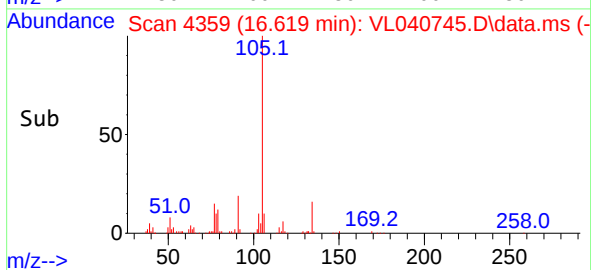
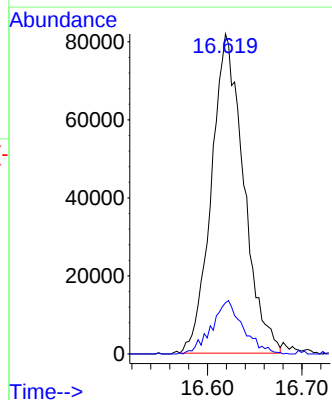
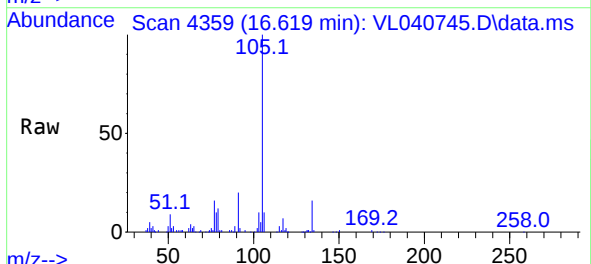
Instrument :
MSVOA_L
ClientSampleId :

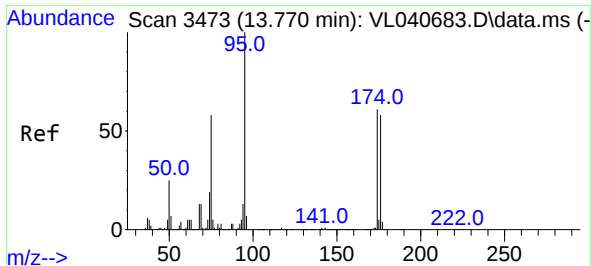
Tgt Ion: 91 Resp: 4562
Ion Ratio Lower Upper
91 100
126 0.0 13.6 20.4#
128 0.0 4.4 6.6#



#67
sec-Butylbenzene
Concen: 0.497 ppbv
RT: 16.619 min Scan# 4359
Delta R.T. -0.026 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

Tgt Ion: 105 Resp: 194154
Ion Ratio Lower Upper
105 100
134 16.3 14.1 21.1

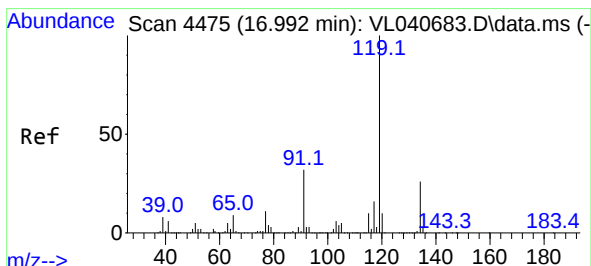
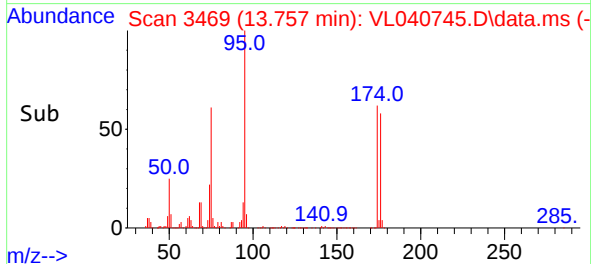
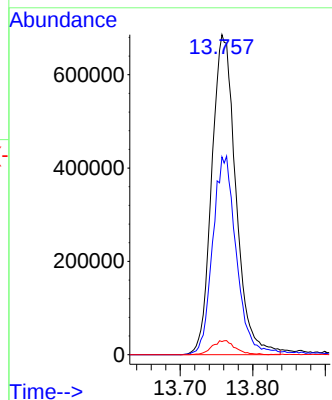
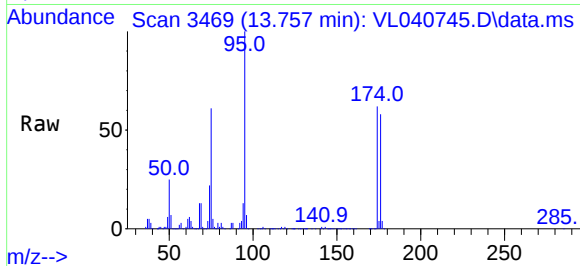




#68
1-Bromo-4-Fluorobenzene
Concen: 10.368 ppbv
RT: 13.757 min Scan# 3473
Delta R.T. -0.029 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

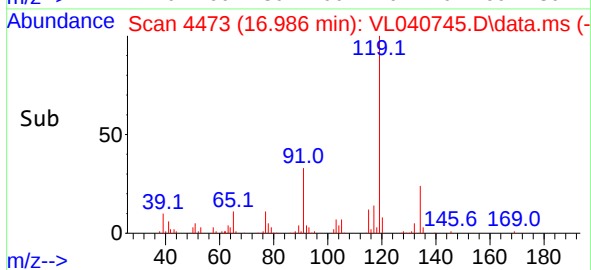
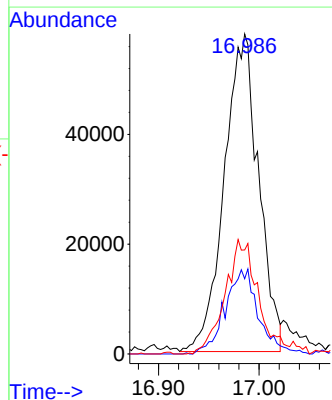
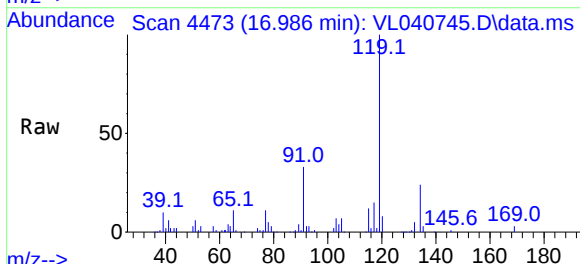
Instrument :
MSVOA_L
ClientSampleId :

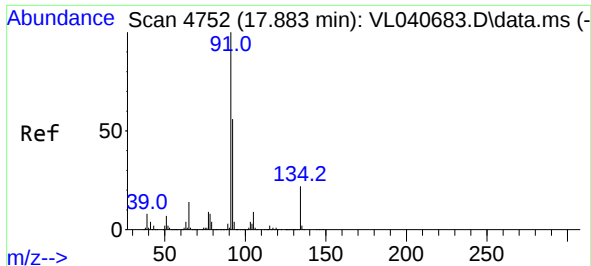
Tgt Ion: 95 Resp: 1581061
Ion Ratio Lower Upper
95 100
174 61.7 48.9 73.3
175 4.4 3.5 5.3



#69
p-Isopropyltoluene
Concen: 0.447 ppbv
RT: 16.986 min Scan# 4473
Delta R.T. -0.016 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

Tgt Ion: 119 Resp: 137289
Ion Ratio Lower Upper
119 100
134 25.9 20.2 30.2
91 35.5 25.0 37.6

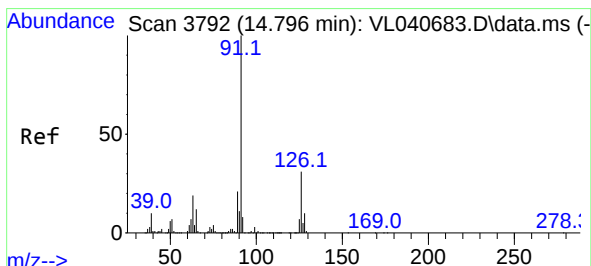
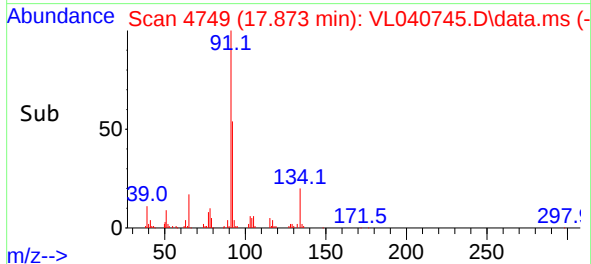
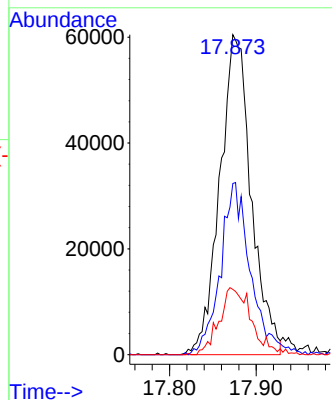
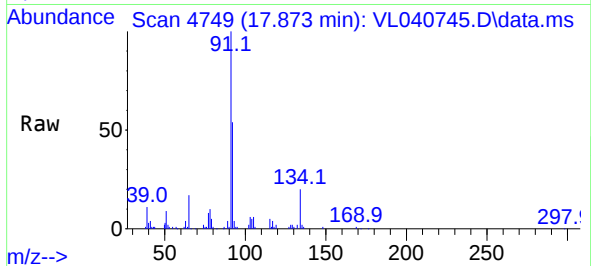




#70
n-Butylbenzene
Concen: 0.451 ppbv
RT: 17.873 min Scan# 41
Delta R.T. -0.022 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

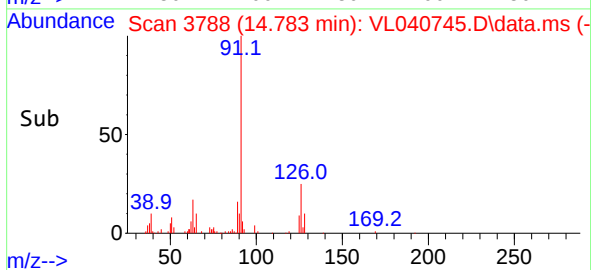
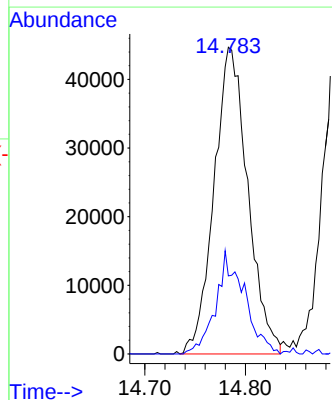
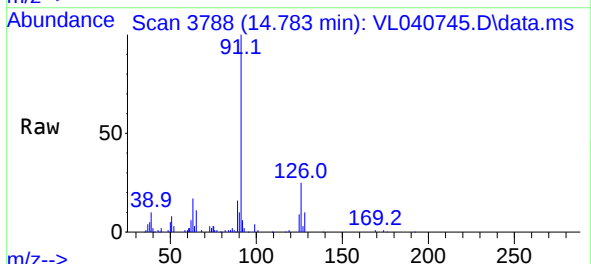
Instrument :
MSVOA_L
ClientSampleId :

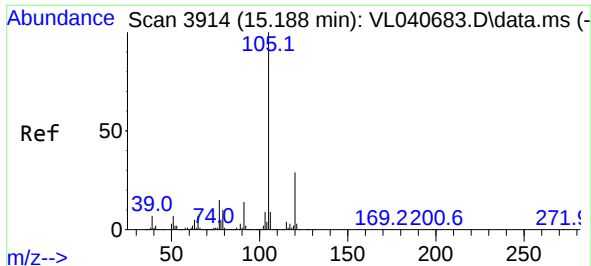
Tgt Ion: 91 Resp: 152429
Ion Ratio Lower Upper
91 100
92 51.9 42.7 64.1
134 21.5 17.0 25.4



#71
2-Chlorotoluene
Concen: 0.462 ppbv
RT: 14.783 min Scan# 3788
Delta R.T. -0.026 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

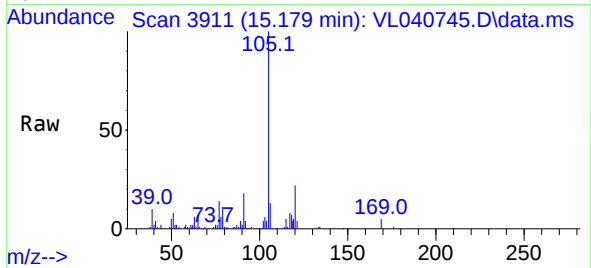
Tgt Ion: 91 Resp: 104108
Ion Ratio Lower Upper
91 100
126 29.1 12.0 47.8



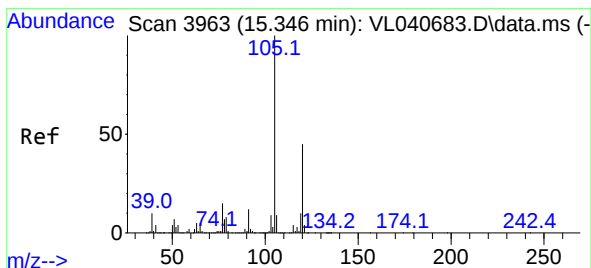
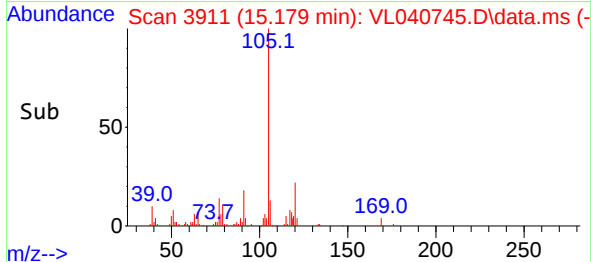
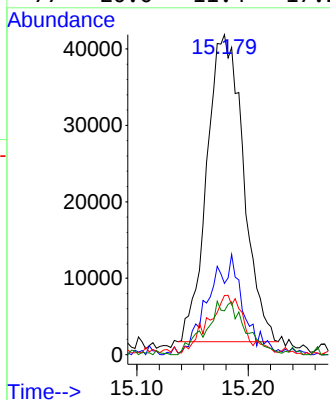


#72
4-Ethyltoluene
Concen: 0.405 ppbv
RT: 15.179 min Scan# 3911
Delta R.T. -0.022 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

Instrument :
MSVOA_L
ClientSampleId :

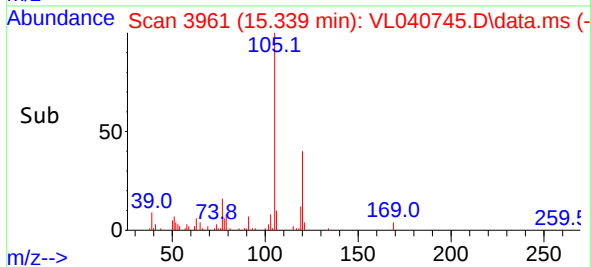
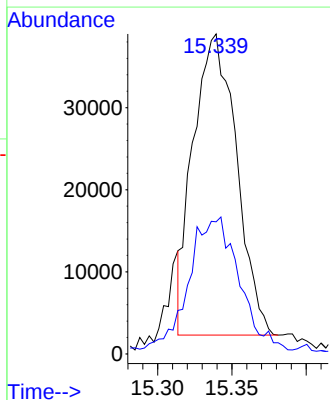
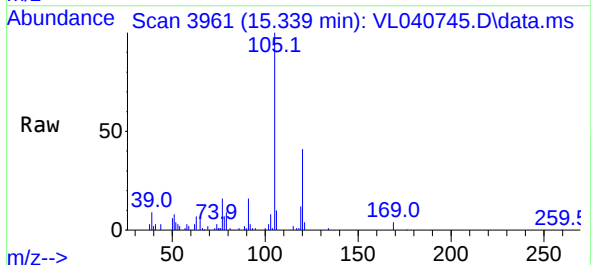


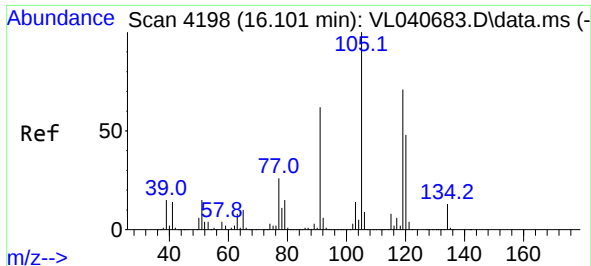
Tgt Ion:105	Resp:	91474
Ion	Ratio	Lower Upper
105	100	
120	32.0	23.9 35.9
91	20.9	11.0 16.4#
77	20.0	11.4 17.2#



#73
1,3,5-Trimethylbenzene
Concen: 0.364 ppbv
RT: 15.339 min Scan# 3961
Delta R.T. -0.022 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

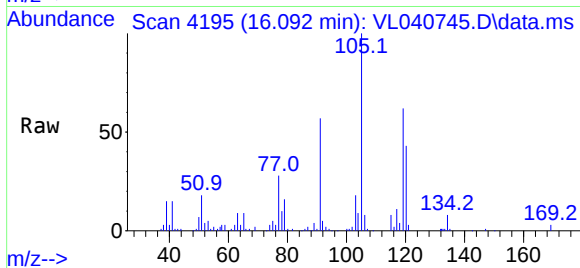
Tgt Ion:105	Resp:	74067
Ion	Ratio	Lower Upper
105	100	
120	40.2	36.1 54.1



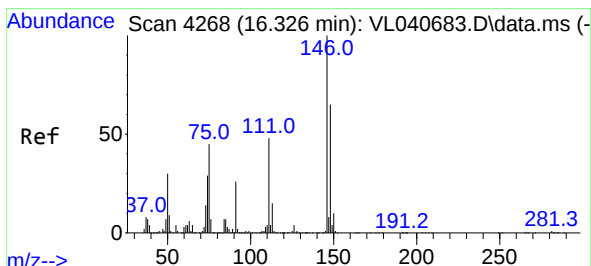
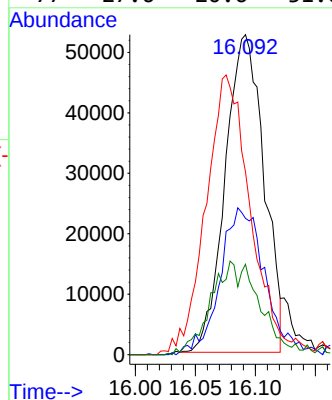
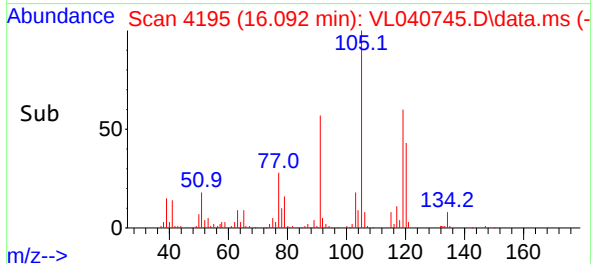


#74
1,2,4-Trimethylbenzene
Concen: 0.474 ppbv
RT: 16.092 min Scan# 4198
Delta R.T. -0.026 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

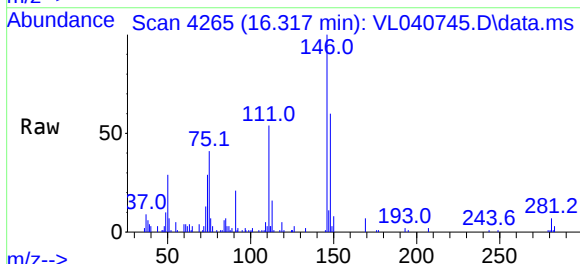
Instrument :
MSVOA_L
ClientSampleId :



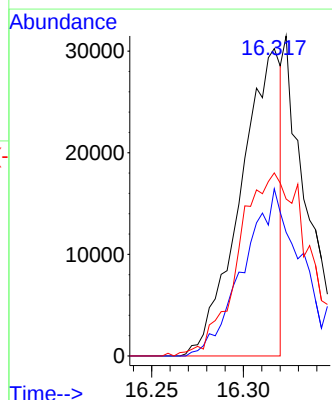
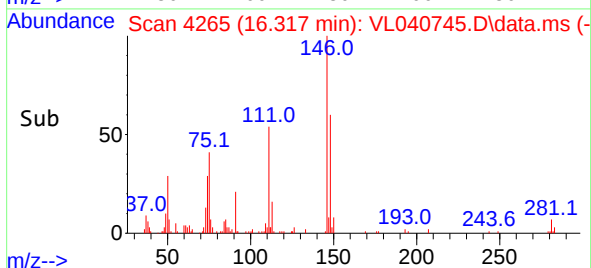
Tgt Ion:105 Resp: 117685
Ion Ratio Lower Upper
105 100
120 42.0 38.6 57.8
91 50.9 50.0 75.0
77 27.6 20.6 31.0

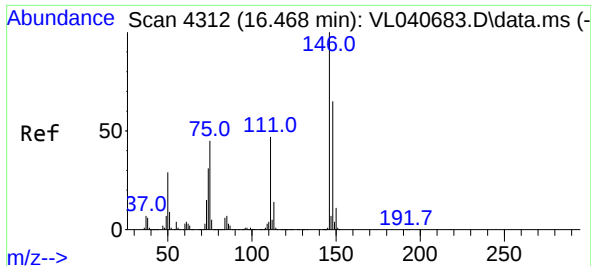


#75
1,3-Dichlorobenzene
Concen: 0.328 ppbv
RT: 16.317 min Scan# 4265
Delta R.T. -0.022 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13



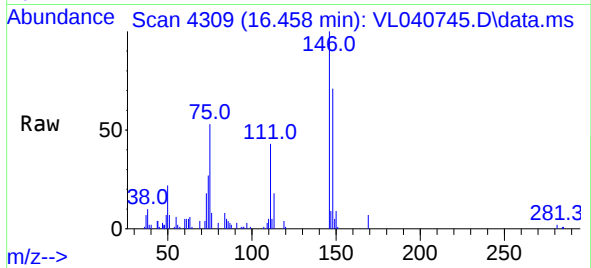
Tgt Ion:146 Resp: 46324
Ion Ratio Lower Upper
146 100
111 87.5 23.9 71.7#
148 113.1 31.8 95.4#



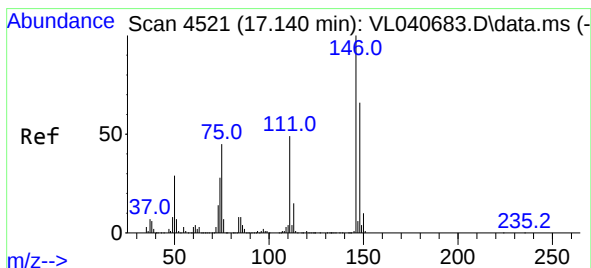
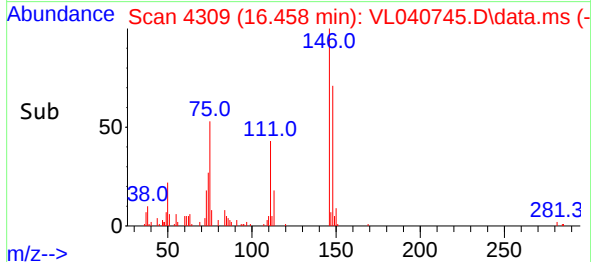
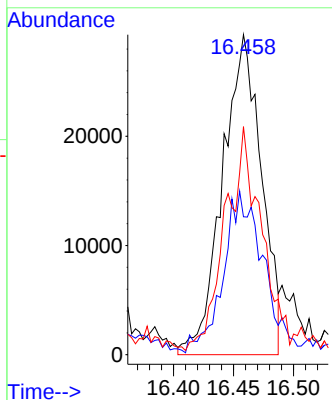


#76
1,4-Dichlorobenzene
Concen: 0.476 ppbv
RT: 16.458 min Scan# 41
Delta R.T. -0.022 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

Instrument :
MSVOA_L
ClientSampleId :

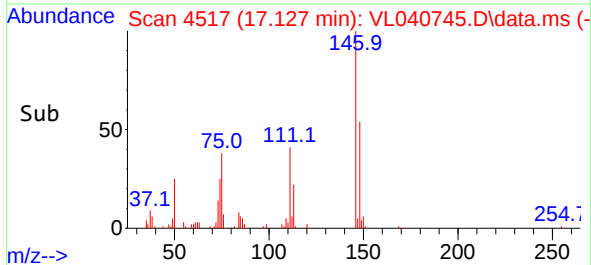
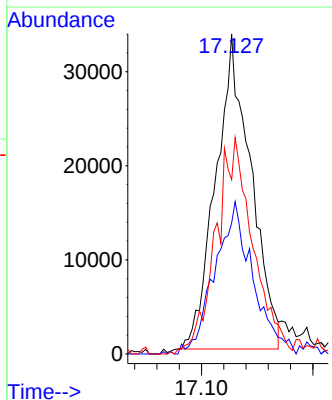
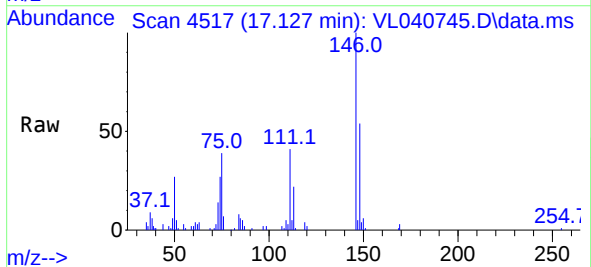


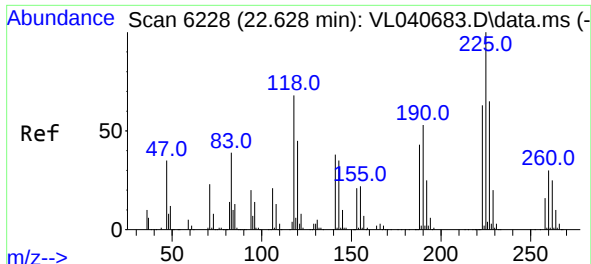
Tgt Ion:146 Resp: 66219
Ion Ratio Lower Upper
146 100
111 55.3 23.8 71.2
148 71.5 32.6 97.7



#77
1,2-Dichlorobenzene
Concen: 0.524 ppbv
RT: 17.127 min Scan# 4517
Delta R.T. -0.026 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

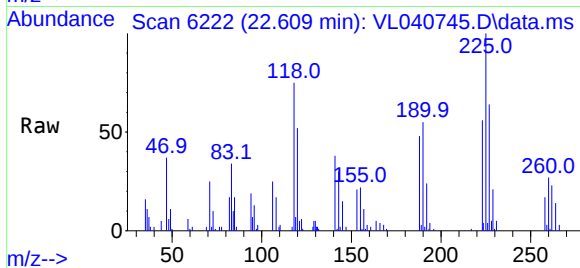
Tgt Ion:146 Resp: 73710
Ion Ratio Lower Upper
146 100
111 51.9 25.0 75.0
148 75.7 32.4 97.0



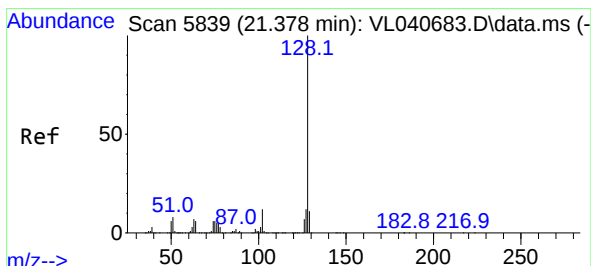
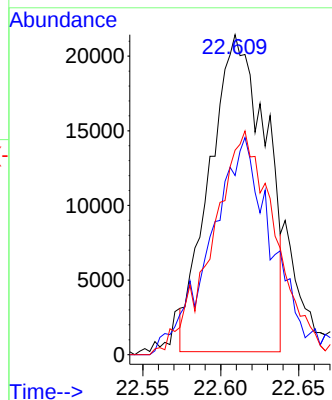
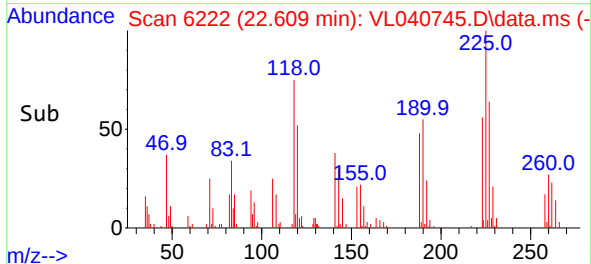


#78
Hexachloro-1,3-Butadiene
Concen: 0.498 ppbv
RT: 22.609 min Scan# 61
Delta R.T. -0.029 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

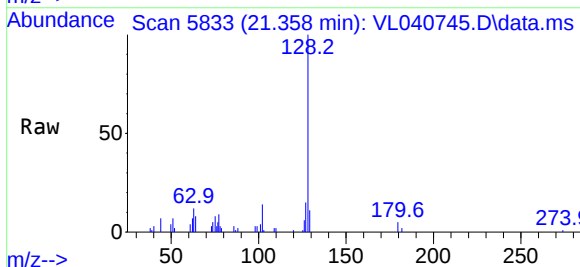
Instrument :
MSVOA_L
ClientSampleId :



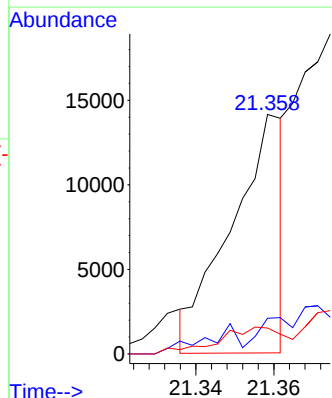
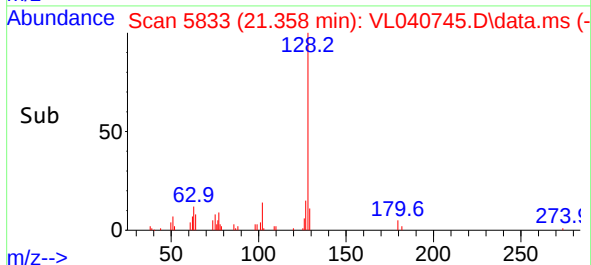
Tgt Ion:225 Resp: 53067
Ion Ratio Lower Upper
225 100
223 76.6 51.2 76.8
227 79.2 50.7 76.1#

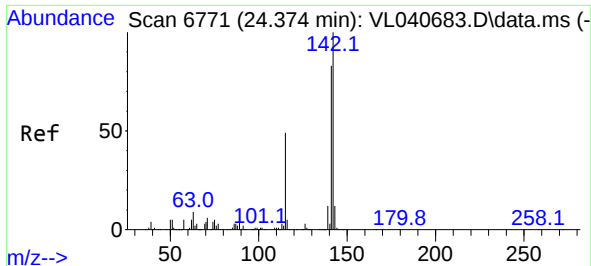


#79
Naphthalene
Concen: 0.085 ppbv
RT: 21.358 min Scan# 5833
Delta R.T. -0.035 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13



Tgt Ion:128 Resp: 13116
Ion Ratio Lower Upper
128 100
127 11.8 9.8 14.6
129 11.1 8.4 12.6

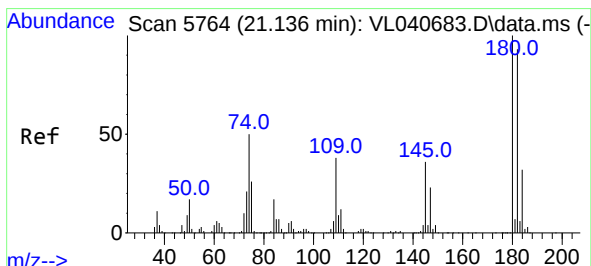
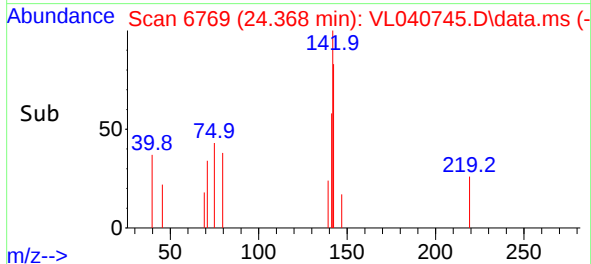
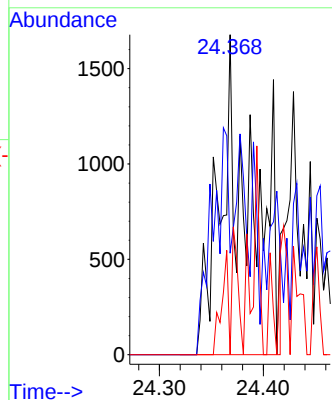
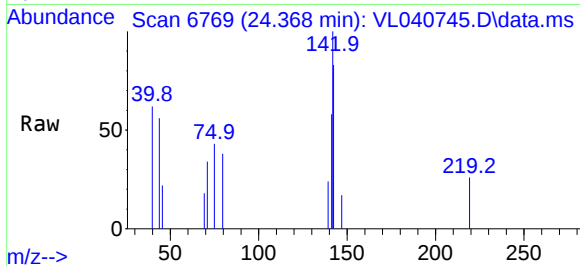




#80
Naphthalene, 2-methyl-
Concen: 0.091 ppbv
RT: 24.368 min Scan# 61
Delta R.T. -0.013 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:142 Resp: 3459
Ion Ratio Lower Upper
142 100
141 74.9 67.0 100.6
115 0.0 37.4 56.2#



#81
1,2,4-Trichlorobenzene
Concen: 0.116 ppbv
RT: 21.114 min Scan# 5757
Delta R.T. -0.035 min
Lab File: VL040745.D
Acq: 4 Oct 2023 18:13

Tgt Ion:180 Resp: 11700
Ion Ratio Lower Upper
180 100
182 0.0 77.9 116.9#
184 0.0 24.4 36.6#

