

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092122\
 Data File : VL039638.D
 Acq On : 21 Sep 2022 16:59
 Operator : SY/AP
 Sample : VL0921ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0921ABS01

Quant Time: Sep 22 08:16:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Sep 19 14:26:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.214	49	1167714	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.674	114	3030703	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.481	117	3539061	10.000	ppbv	# 0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	2273362	8.605	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	86.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.755	85	1217499	8.993	ppbv	100
3) Chlorodifluoromethane	2.703	51	1198671	8.650	ppbv	97
4) Chloromethane	2.841	50	752489	8.999	ppbv	99
5) Vinyl Chloride	2.948	62	635546	9.118	ppbv	96
6) Bromomethane	3.147	94	231451	9.004	ppbv	96
7) Chloroethane	3.224	64	232680	9.128	ppbv	96
8) Dichlorotetrafluoroethane	2.883	85	1466891	9.033	ppbv	96
9) Propene	2.719	41	559856	8.846	ppbv	97
10) Heptane	7.597	43	1385803	9.383	ppbv	99
11) Trichlorofluoromethane	3.587	101	1484986	8.858	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.089	101	1110852	8.773	ppbv	98
13) Ethanol	3.263	45	11134	2.309	ppbv #	23
14) Bromoethene	3.391	108	475430	9.405	ppbv	98
15) Acetone	3.494	43	1102617	8.486	ppbv	100
16) 1,3-Butadiene	3.012	39	605661	9.188	ppbv	99
17) tert-Butyl alcohol	3.902	59	1005879	8.626	ppbv	100
18) 1,1-Dichloroethene	3.906	96	509052	9.137	ppbv	97
19) Isopropyl Alcohol	3.597	45	576861	8.709	ppbv	98
20) Methylene Chloride	3.957	84	429868	7.155	ppbv	95
21) Allyl Chloride	4.021	41	805438	9.103	ppbv	97
22) trans-1,2-Dichloroethene	4.468	96	496217	9.003	ppbv	97
23) Vinyl Acetate	4.648	43	460171	7.834	ppbv #	98
24) 1,1-Dichloroethane	4.587	63	1007640	8.614	ppbv	98
25) Ethyl Acetate	5.227	43	2471569	8.723	ppbv	99
26) Hexane	5.237	57	1019862	8.482	ppbv	96
27) Carbon Disulfide	4.150	76	1276870	10.105	ppbv	99
28) Methyl tert-Butyl Ether	4.613	73	873465	8.647	ppbv	99
29) Chloroform	5.295	83	1561080	8.994	ppbv	99
30) Cyclohexane	6.619	84	857983	9.215	ppbv	95
31) cis-1,2-Dichloroethene	5.102	61	999277	9.189	ppbv	97
32) 1,1,1-Trichloroethane	6.025	97	1516432	9.650	ppbv	99
34) 2-Butanone	4.809	43	1425081	9.573	ppbv	98
35) Carbon Tetrachloride	6.513	117	1599478	9.941	ppbv	97
36) Benzene	6.391	78	2145342	9.259	ppbv	96
37) 1,2-Dichloroethane	5.828	62	1155780	9.165	ppbv	99
38) Trichloroethene	7.307	130	1248198	9.968	ppbv	98
39) 1,2-Dichloropropane	7.095	63	808836	9.040	ppbv	95
40) 1,4-Dioxane	7.311	88	305797	8.370	ppbv	82
41) Tetrahydrofuran	5.581	42	842556	9.226	ppbv	99
42) Bromodichloromethane	7.269	83	1661439	9.472	ppbv	98
43) Methyl Methacrylate	7.494	69	840521	9.951	ppbv	98
44) 2,2,4-Trimethylpentane	7.346	57	3649254	9.138	ppbv	99
45) t-1,3-Dichloropropene	8.729	75	772467	10.823	ppbv	100

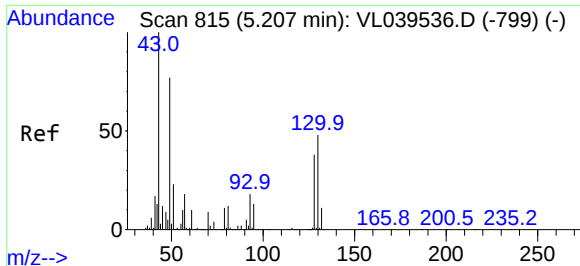
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.163	75	1088083	10.709	ppbv	96
47) 1,1,2-Trichloroethane	8.915	97	872762	8.924	ppbv	95
48) Dibromochloromethane	9.725	129	1466588	9.959	ppbv	100
49) Bromoform	12.423	173	1183463	9.716	ppbv	99
50) 4-Methyl-2-Pentanone	8.201	43	2282927	9.760	ppbv	98
51) 2-Hexanone	9.571	43	1771202	10.229	ppbv	99
52) Tetrachloroethene	10.635	164	803606	9.091	ppbv	93
53) Toluene	9.240	91	2500564	9.703	ppbv	100
54) 1,2-Dibromoethane	10.024	107	1012123	9.674	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.526	131	1058010	7.398	ppbv #	51
57) Chlorobenzene	11.545	112	1873513	7.199	ppbv	97
58) Ethyl Benzene	12.108	91	3243346	7.948	ppbv	100
59) m/p-Xylene	12.388	91	2752413	7.579	ppbv #	28
60) o-Xylene	13.073	91	2642127	7.619	ppbv	100
61) Styrene	12.915	104	1577267	8.445	ppbv	98
62) Isopropylbenzene	14.050	105	3820001	7.320	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.063	83	977128	7.064	ppbv	98
64) n-propylbenzene	14.931	120	1000290	7.486	ppbv	99
65) tert-Butylbenzene	16.108	119	3302836	7.164	ppbv	99
66) Benzyl Chloride	16.342	91	256898	6.999	ppbv	99
67) sec-Butylbenzene	16.654	105	4651554	7.193	ppbv	99
69) p-Isopropyltoluene	17.014	119	3877603	7.298	ppbv	99
70) n-Butylbenzene	17.902	91	3894361	7.477	ppbv	99
71) 2-Chlorotoluene	14.818	91	2775479	7.367	ppbv	98
72) 4-Ethyltoluene	15.211	105	3084283	7.791	ppbv	99
73) 1,3,5-Trimethylbenzene	15.368	105	2734651	7.549	ppbv	95
74) 1,2,4-Trimethylbenzene	16.124	105	2918382	7.187	ppbv	97
75) 1,3-Dichlorobenzene	16.346	146	1750088	7.223	ppbv	99
76) 1,4-Dichlorobenzene	16.487	146	1697977	7.005	ppbv	99
77) 1,2-Dichlorobenzene	17.159	146	1691424	7.159	ppbv	99
78) Hexachloro-1,3-Butadiene	22.648	225	1356049	7.511	ppbv	99
79) Naphthalene	21.400	128	2867399	10.700	ppbv	98
80) Naphthalene,2-methyl-	24.387	142	836888	8.306	ppbv	98
81) 1,2,4-Trichlorobenzene	21.153	180	1596741	9.072	ppbv	99

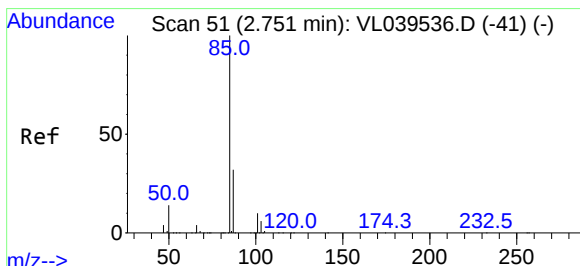
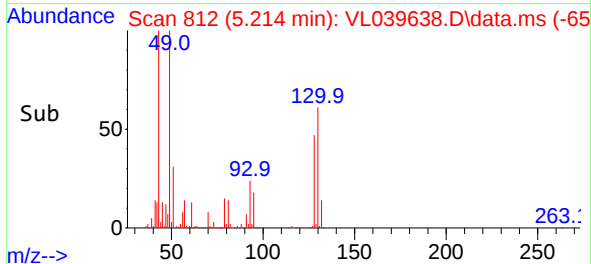
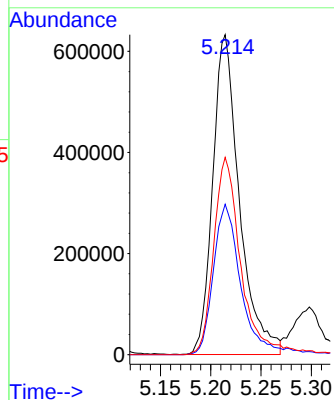
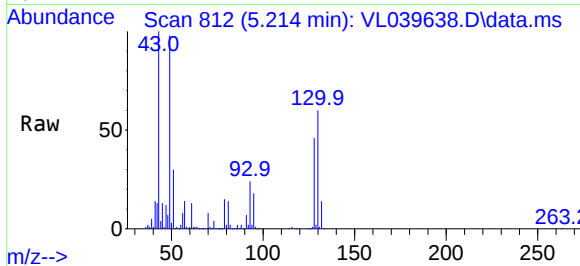
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.214 min Scan# 81
 Delta R.T. 0.007 min
 Lab File: VL039638.D
 Acq: 21 Sep 2022 16:59

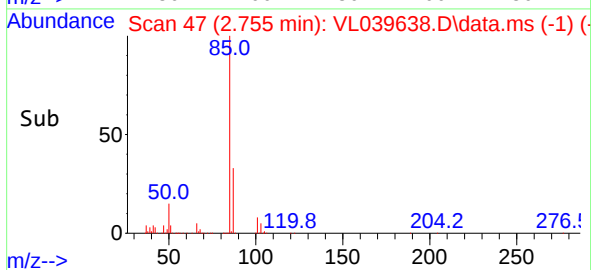
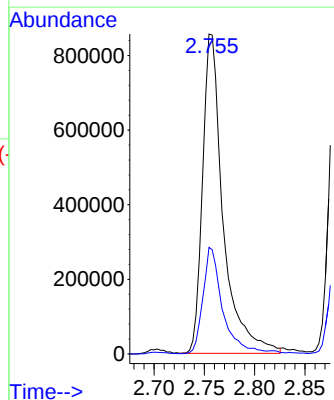
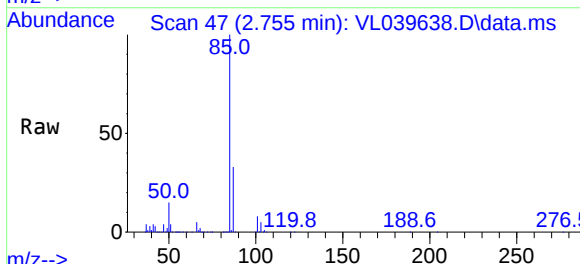
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0921ABS01

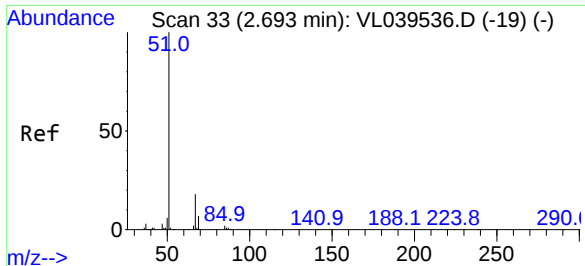
Tgt Ion: 49 Resp: 1167714
 Ion Ratio Lower Upper
 49 100
 128 49.5 26.7 80.0
 130 64.0 34.3 102.8



#2
 Dichlorodifluoromethane
 Concen: 8.993 ppbv
 RT: 2.755 min Scan# 47
 Delta R.T. 0.004 min
 Lab File: VL039638.D
 Acq: 21 Sep 2022 16:59

Tgt Ion: 85 Resp: 1217499
 Ion Ratio Lower Upper
 85 100
 87 33.3 26.7 40.1

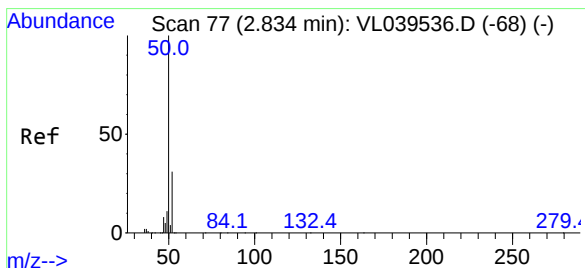
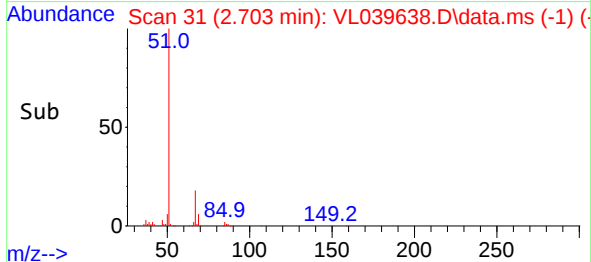
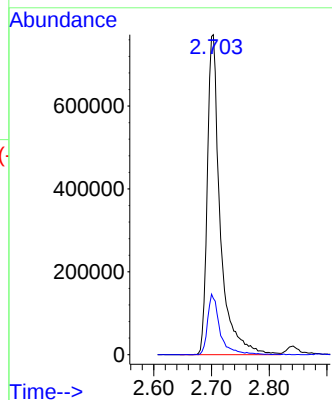
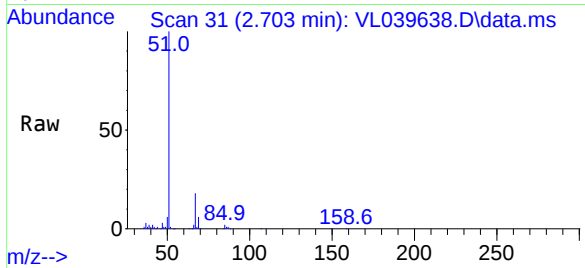




#3
Chlorodifluoromethane
Concen: 8.650 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

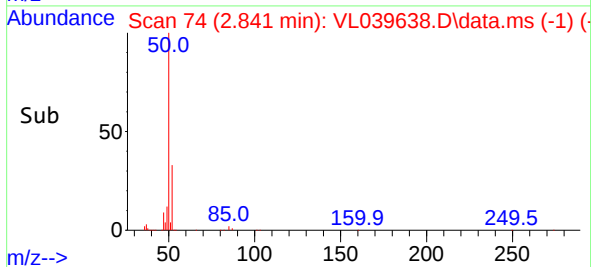
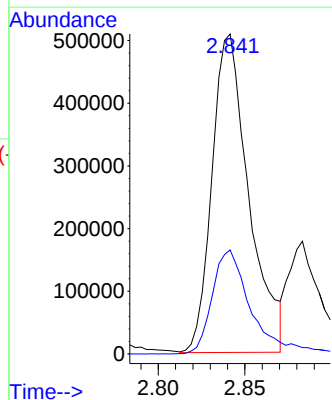
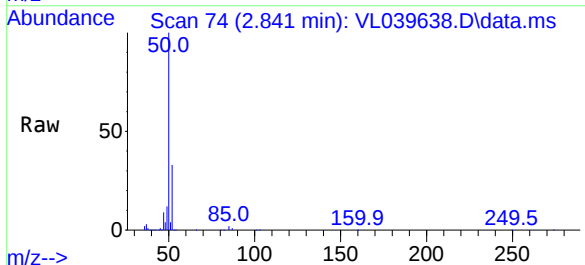
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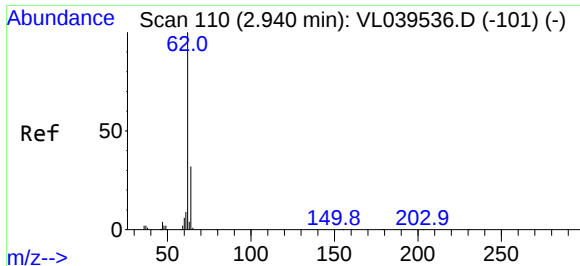
Tgt Ion: 51 Resp: 1198671
Ion Ratio Lower Upper
51 100
67 18.2 15.7 23.5



#4
Chloromethane
Concen: 8.999 ppbv
RT: 2.841 min Scan# 74
Delta R.T. 0.007 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

Tgt Ion: 50 Resp: 752489
Ion Ratio Lower Upper
50 100
52 32.6 26.5 39.7

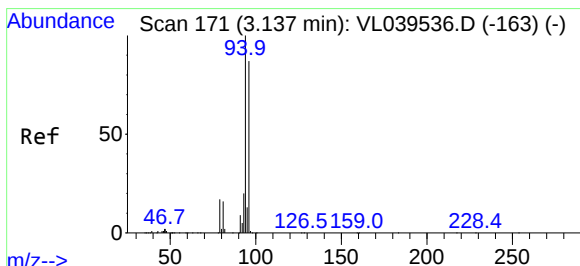
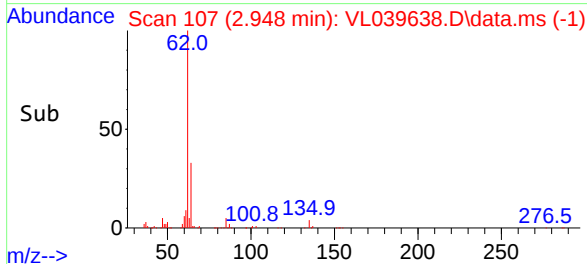
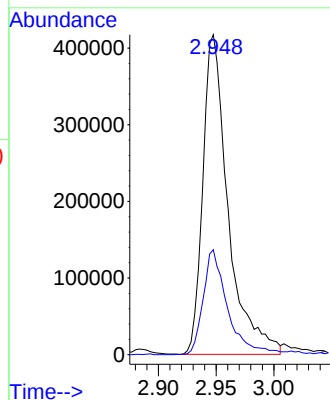
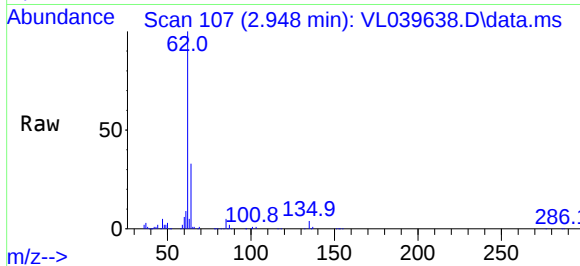




#5
 Vinyl Chloride
 Concen: 9.118 ppbv
 RT: 2.948 min Scan# 10
 Delta R.T. 0.007 min
 Lab File: VL039638.D
 Acq: 21 Sep 2022 16:59

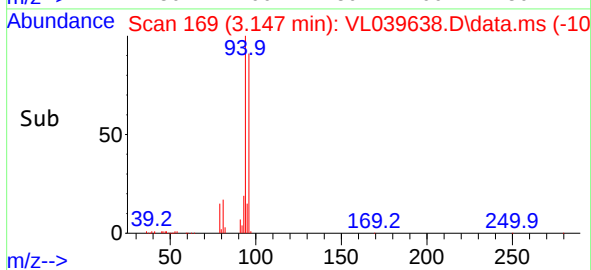
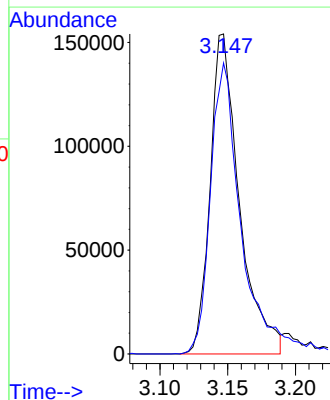
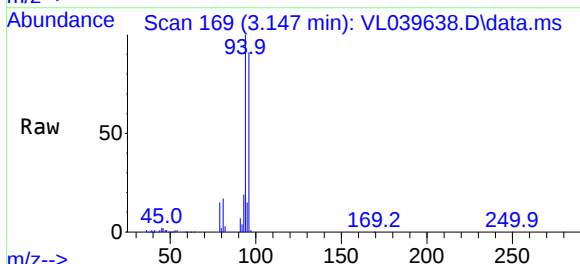
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0921ABS01

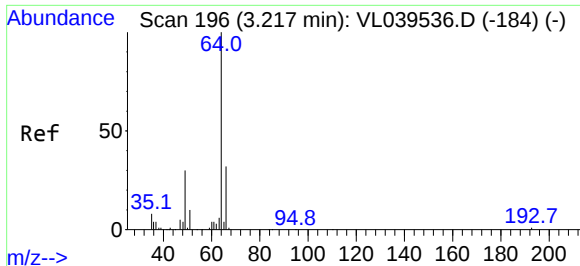
Tgt Ion: 62 Resp: 635546
 Ion Ratio Lower Upper
 62 100
 64 32.8 24.6 36.8



#6
 Bromomethane
 Concen: 9.004 ppbv
 RT: 3.147 min Scan# 169
 Delta R.T. 0.010 min
 Lab File: VL039638.D
 Acq: 21 Sep 2022 16:59

Tgt Ion: 94 Resp: 231451
 Ion Ratio Lower Upper
 94 100
 96 90.9 75.6 113.4

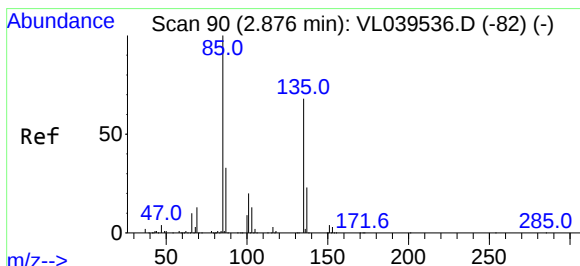
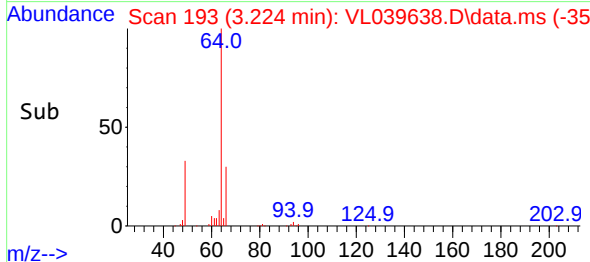
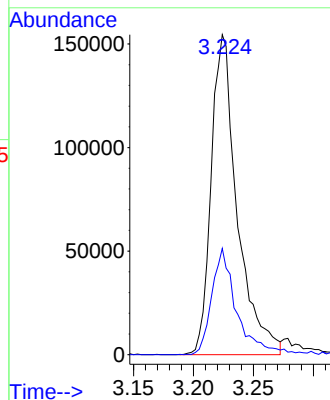
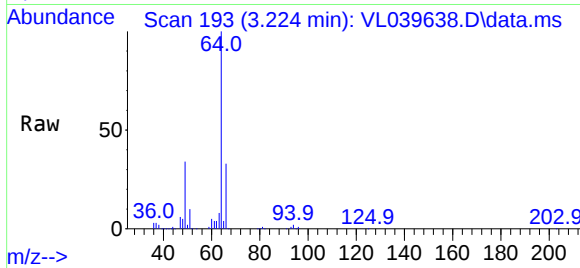




#7
Chloroethane
Concen: 9.128 ppbv
RT: 3.224 min Scan# 196
Delta R.T. 0.007 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

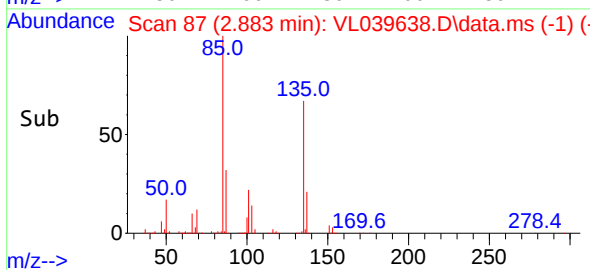
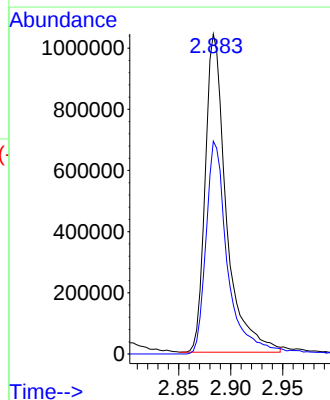
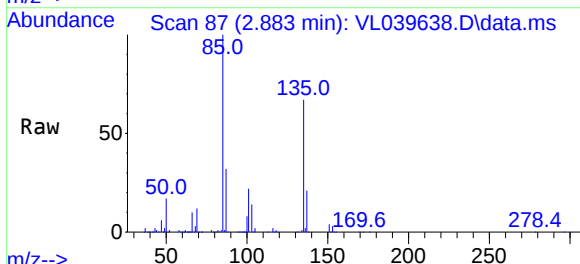
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ClientSampleId :
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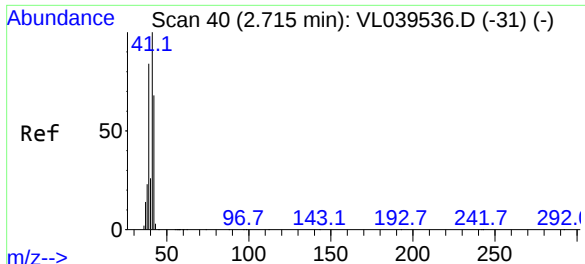
Tgt Ion: 64 Resp: 232680
Ion Ratio Lower Upper
64 100
66 33.2 24.7 37.1



#8
Dichlorotetrafluoroethane
Concen: 9.033 ppbv
RT: 2.883 min Scan# 87
Delta R.T. 0.007 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

Tgt Ion: 85 Resp: 1466891
Ion Ratio Lower Upper
85 100
135 70.0 59.0 88.4

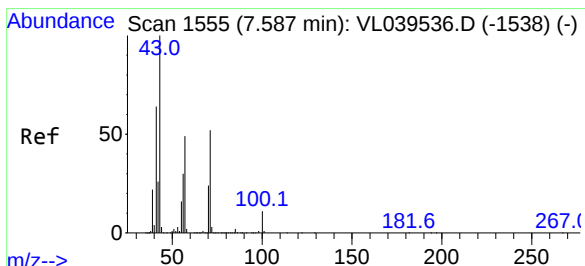
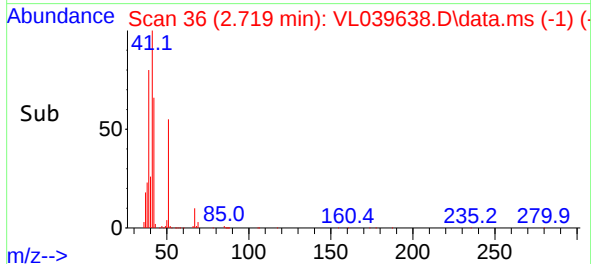
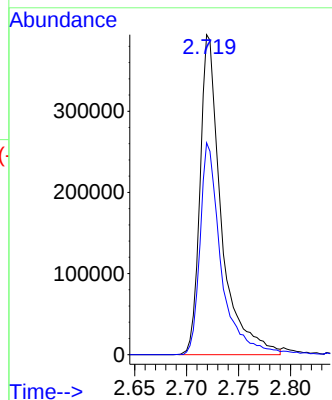
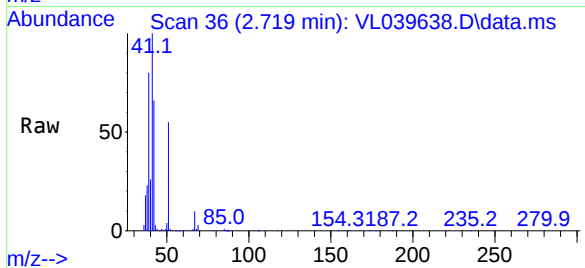




#9
 Propene
 Concen: 8.846 ppbv
 RT: 2.719 min Scan# 30
 Delta R.T. 0.004 min
 Lab File: VL039638.D
 Acq: 21 Sep 2022 16:59

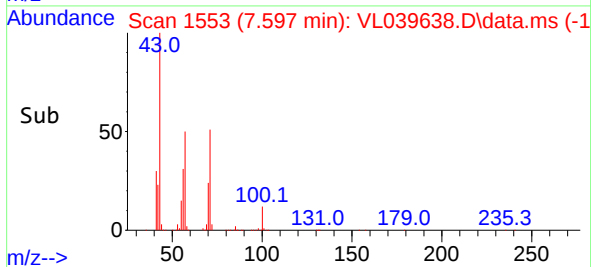
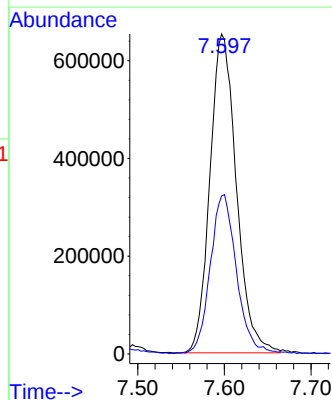
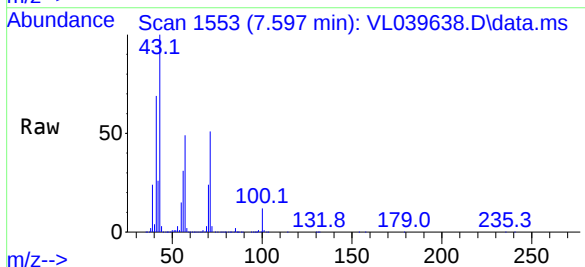
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0921ABS01

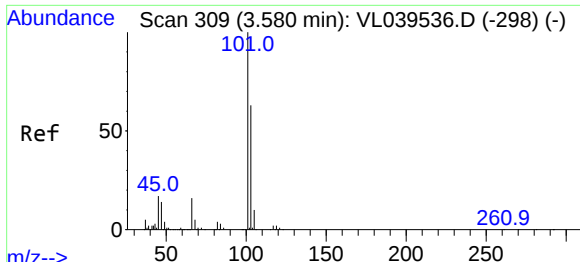
Tgt Ion: 41 Resp: 559856
 Ion Ratio Lower Upper
 41 100
 42 66.7 55.2 82.8



#10
 Heptane
 Concen: 9.383 ppbv
 RT: 7.597 min Scan# 1553
 Delta R.T. 0.010 min
 Lab File: VL039638.D
 Acq: 21 Sep 2022 16:59

Tgt Ion: 43 Resp: 1385803
 Ion Ratio Lower Upper
 43 100
 57 49.7 40.5 60.7

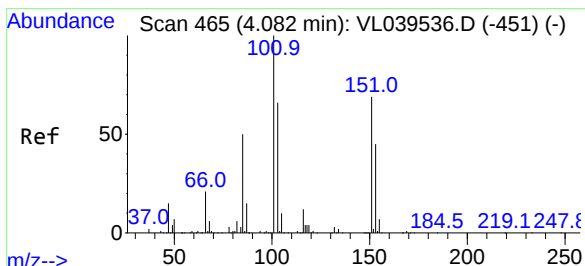
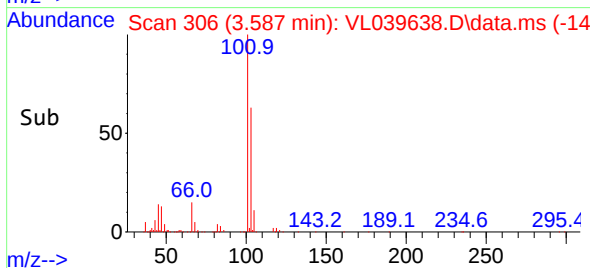
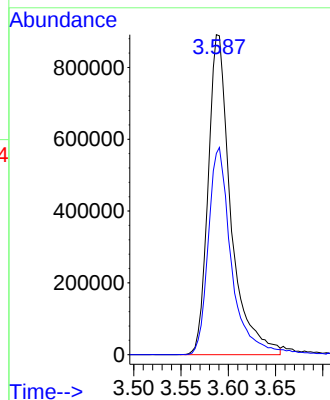
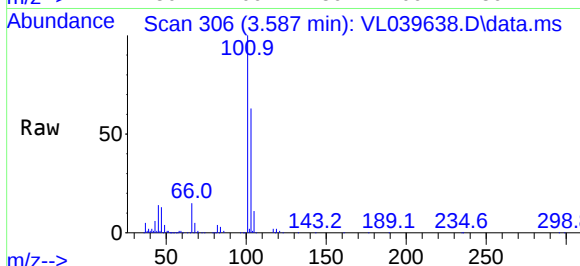




#11
Trichlorofluoromethane
Concen: 8.858 ppbv
RT: 3.587 min Scan# 309
Delta R.T. 0.007 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

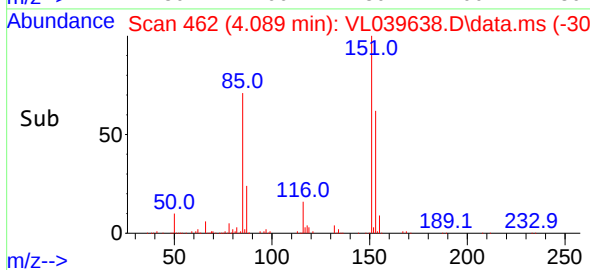
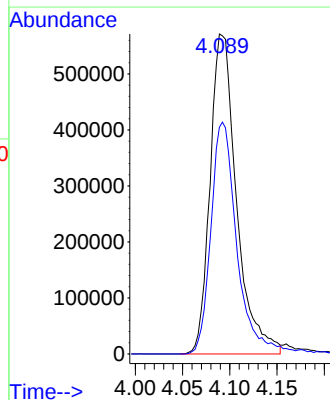
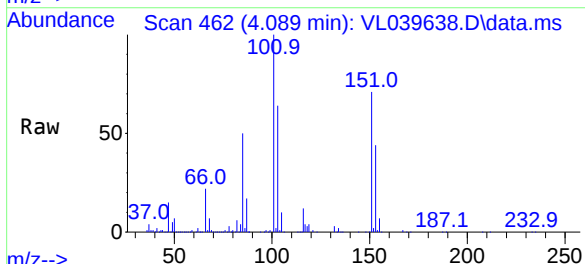
Instrument :
MSVOA_L
ClientSampleId :
VL0921ABS01

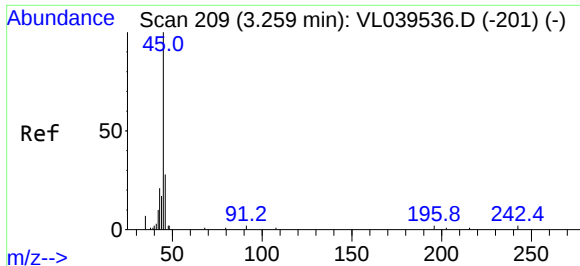
Tgt Ion:101 Resp: 1484986
Ion Ratio Lower Upper
101 100
103 62.9 51.8 77.8



#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.773 ppbv
RT: 4.089 min Scan# 462
Delta R.T. 0.007 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

Tgt Ion:101 Resp: 1110852
Ion Ratio Lower Upper
101 100
151 72.2 58.9 88.3

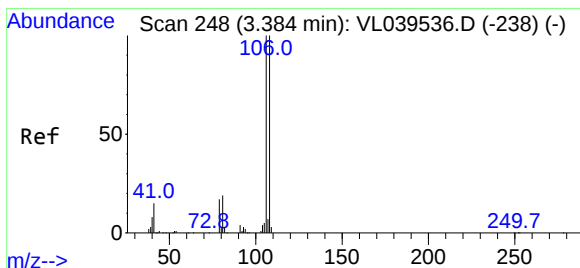
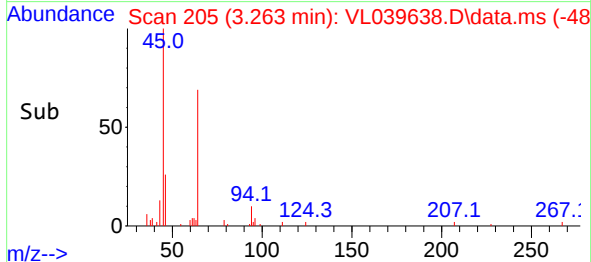
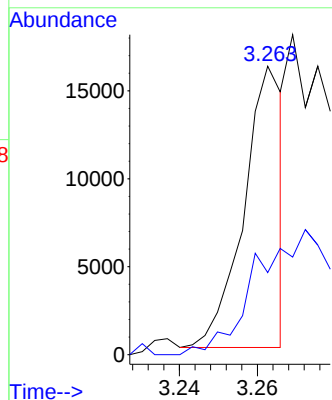
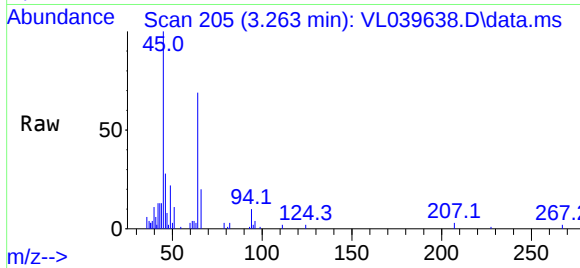




#13
Ethanol
Concen: 2.309 ppbv
RT: 3.263 min Scan# 20
Delta R.T. 0.004 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

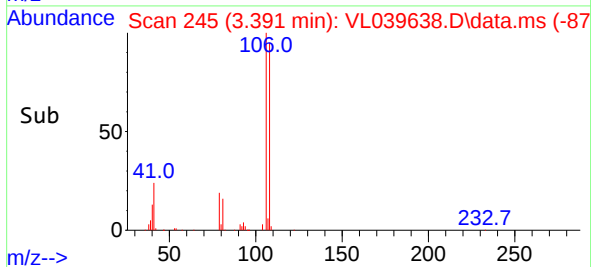
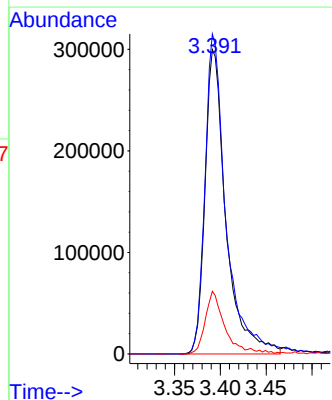
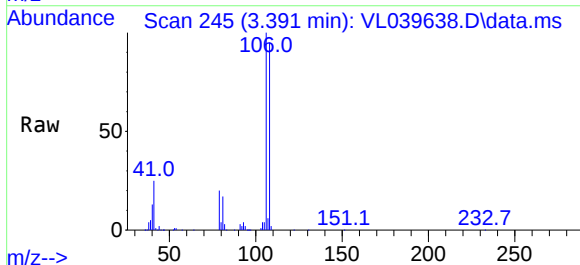
Instrument :
MSVOA_L
ClientSampleId :
VL0921ABS01

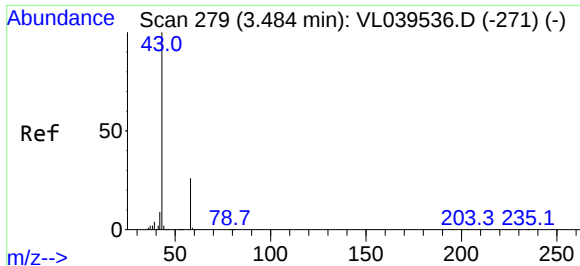
Tgt Ion: 45 Resp: 11134
Ion Ratio Lower Upper
45 100
46 0.0 22.8 91.2#



#14
Bromoethene
Concen: 9.405 ppbv
RT: 3.391 min Scan# 245
Delta R.T. 0.007 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

Tgt Ion:108 Resp: 475430
Ion Ratio Lower Upper
108 100
106 107.5 87.1 130.7
79 20.0 14.6 22.0

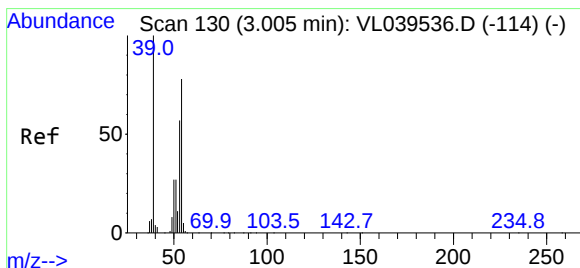
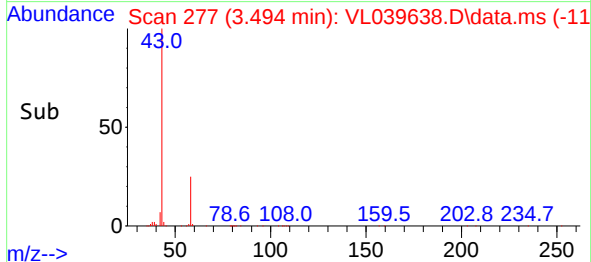
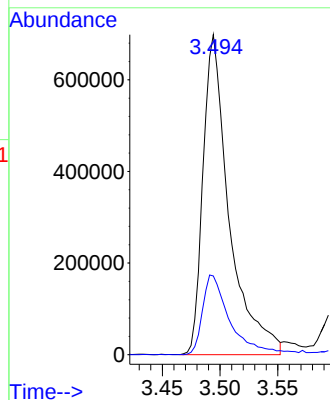
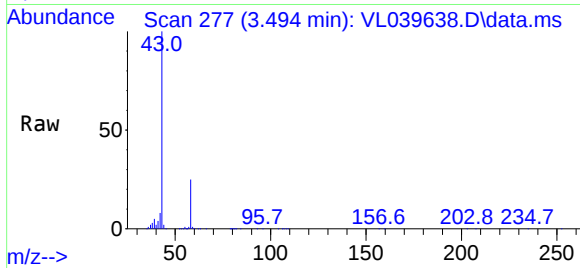




#15
Acetone
Concen: 8.486 ppbv
RT: 3.494 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

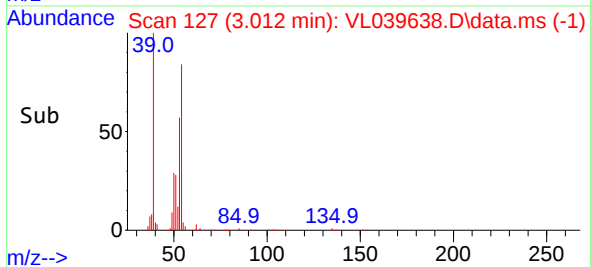
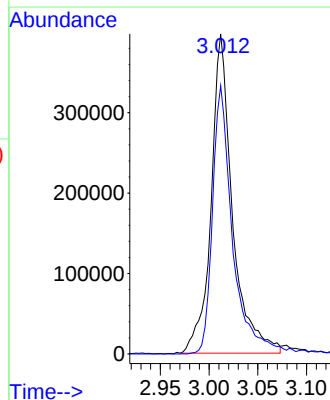
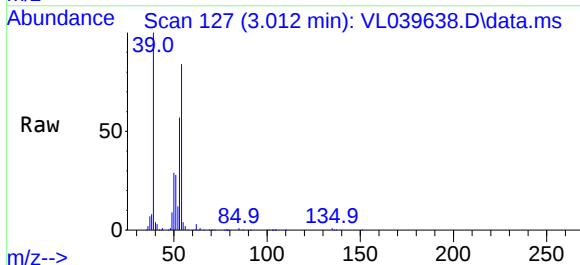
Instrument :
MSVOA_L
ClientSampleId :
VL0921ABS01

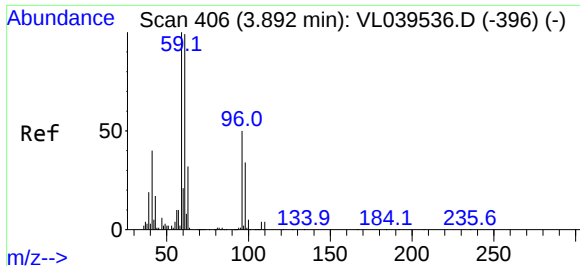
Tgt Ion: 43 Resp: 1102617
Ion Ratio Lower Upper
43 100
58 26.3 21.0 31.6



#16
1,3-Butadiene
Concen: 9.188 ppbv
RT: 3.012 min Scan# 127
Delta R.T. 0.007 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

Tgt Ion: 39 Resp: 605661
Ion Ratio Lower Upper
39 100
54 80.8 63.7 95.5

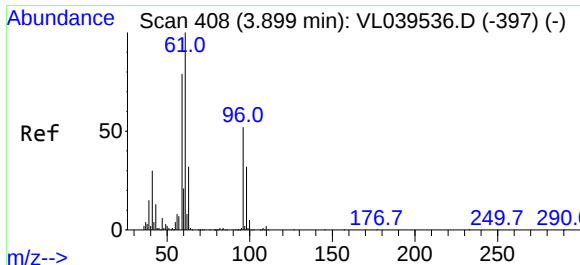
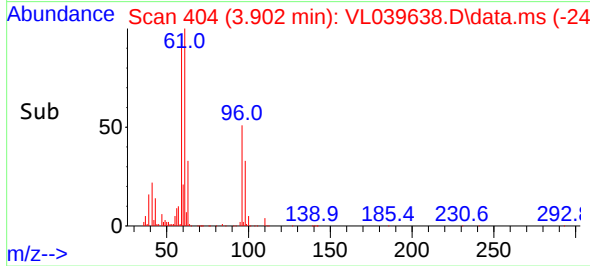
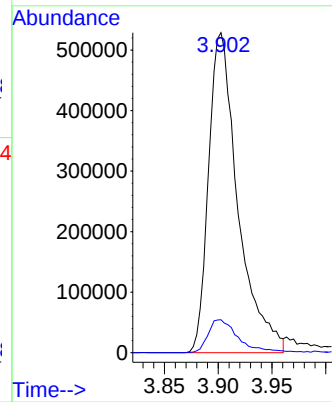
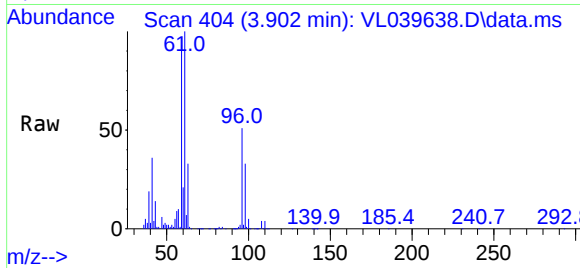




#17
tert-Butyl alcohol
Concen: 8.626 ppbv
RT: 3.902 min Scan# 404
Delta R.T. 0.010 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

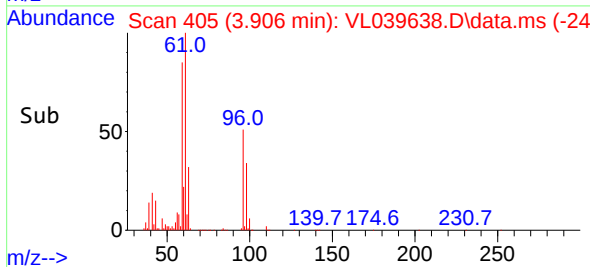
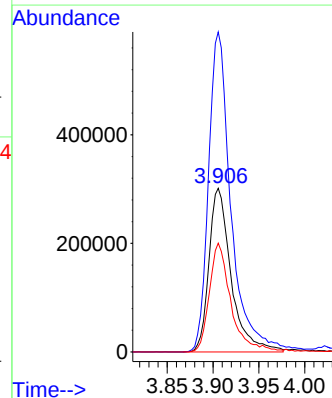
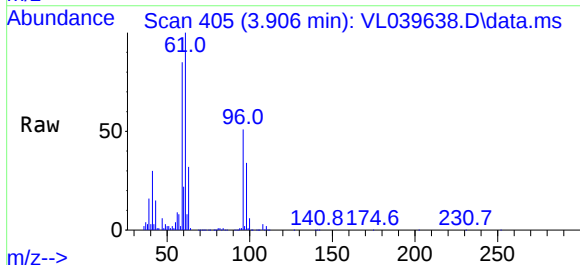
Instrument :
MSVOA_L
ClientSampleId :
VL0921ABS01

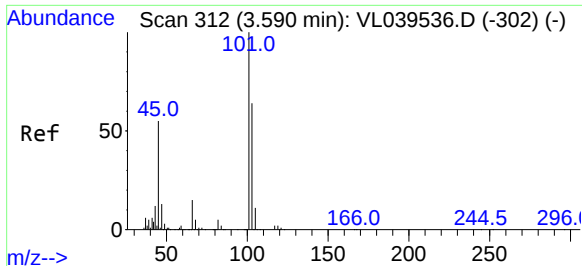
Tgt Ion: 59 Resp: 1005879
Ion Ratio Lower Upper
59 100
57 10.8 8.7 13.1



#18
1,1-Dichloroethene
Concen: 9.137 ppbv
RT: 3.906 min Scan# 405
Delta R.T. 0.007 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

Tgt Ion: 96 Resp: 509052
Ion Ratio Lower Upper
96 100
61 195.5 152.2 228.4
98 66.5 51.8 77.6





#19

Isopropyl Alcohol

Concen: 8.709 ppbv

RT: 3.597 min Scan# 309

Delta R.T. 0.007 min

Lab File: VL039638.D

Acq: 21 Sep 2022 16:59

Instrument :

MSVOA_1

ClientSampleId :

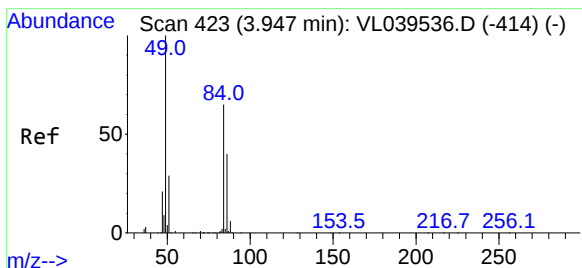
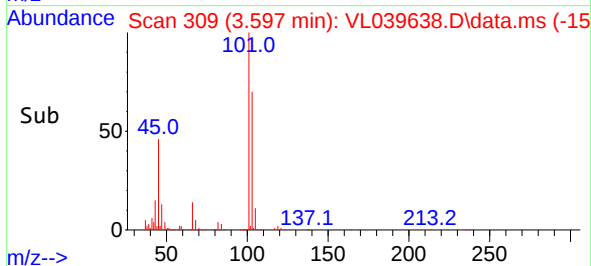
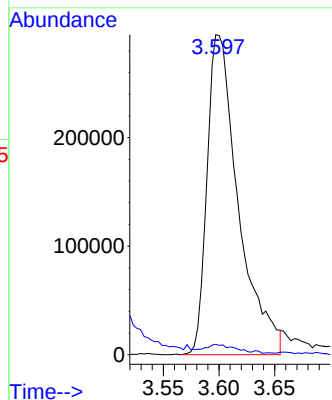
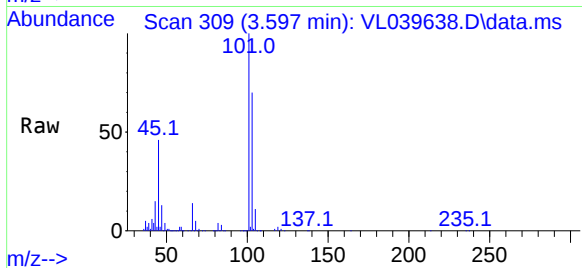
VL0921ABS01

Tgt Ion: 45 Resp: 576861

Ion Ratio Lower Upper

45 100

58 4.7 3.2 4.8



#20

Methylene Chloride

Concen: 7.155 ppbv

RT: 3.957 min Scan# 421

Delta R.T. 0.010 min

Lab File: VL039638.D

Acq: 21 Sep 2022 16:59

Tgt Ion: 84 Resp: 429868

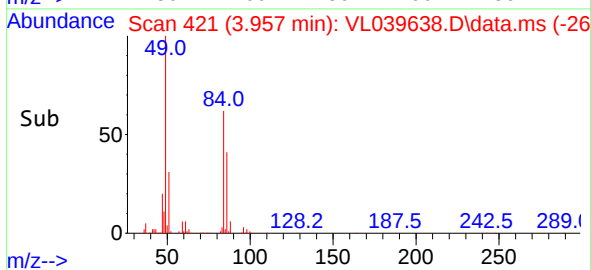
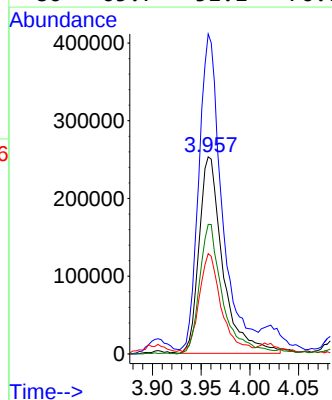
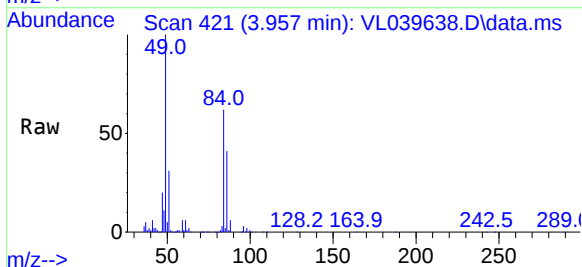
Ion Ratio Lower Upper

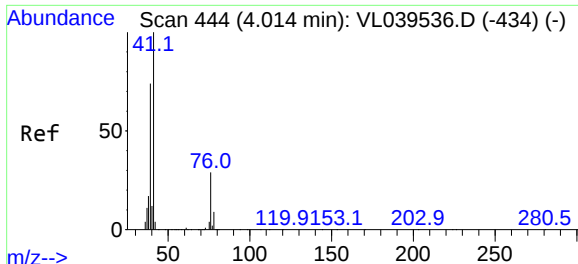
84 100

49 160.7 123.1 184.7

51 49.3 34.4 51.6

86 65.7 51.1 76.7





#21

Allyl Chloride

Concen: 9.103 ppbv

RT: 4.021 min Scan# 44

Delta R.T. 0.007 min

Lab File: VL039638.D

Acq: 21 Sep 2022 16:59

Instrument :

MSVOA_L

ClientSampleId :

VL0921ABS01

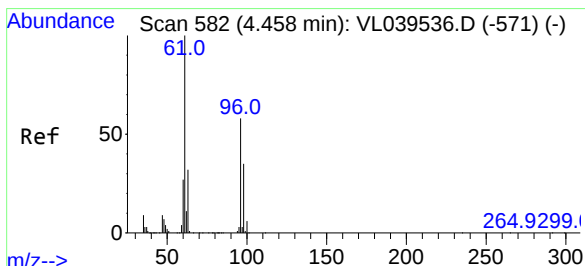
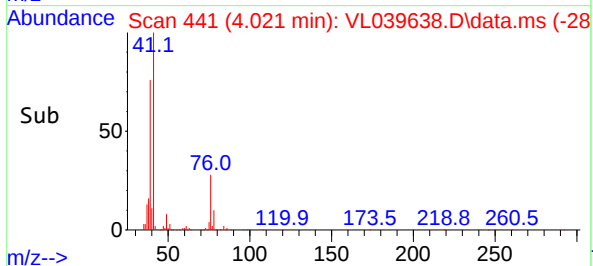
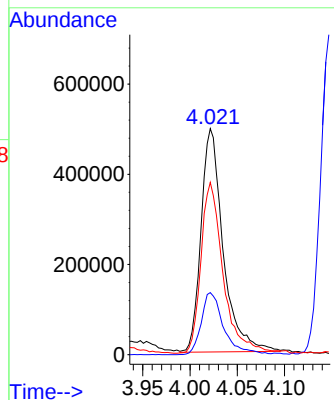
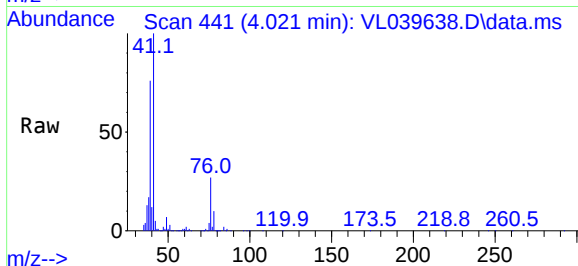
Tgt Ion: 41 Resp: 805438

Ion Ratio Lower Upper

41 100

76 28.5 24.4 36.6

39 77.6 63.5 95.3



#22

trans-1,2-Dichloroethene

Concen: 9.003 ppbv

RT: 4.468 min Scan# 580

Delta R.T. 0.010 min

Lab File: VL039638.D

Acq: 21 Sep 2022 16:59

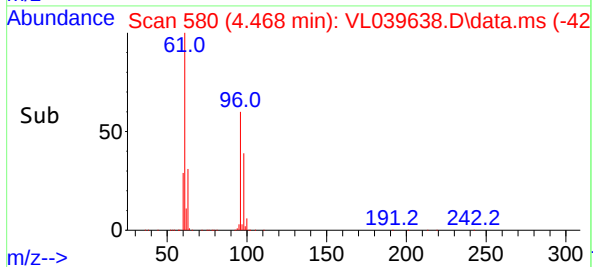
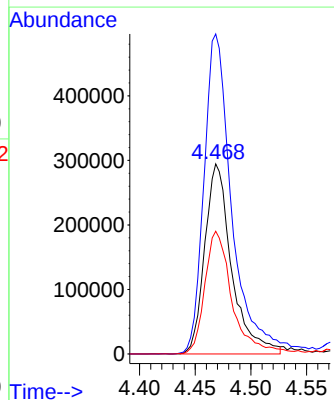
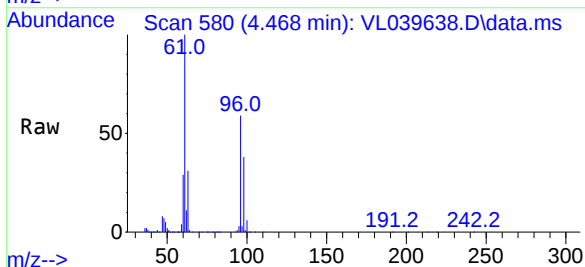
Tgt Ion: 96 Resp: 496217

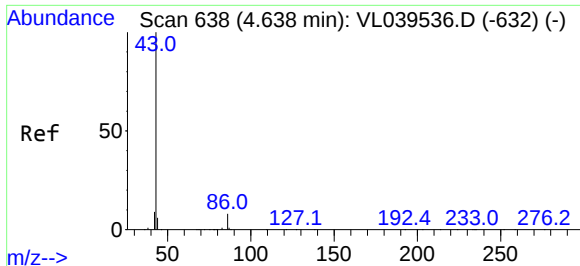
Ion Ratio Lower Upper

96 100

61 167.8 130.6 195.8

98 64.3 53.4 80.0



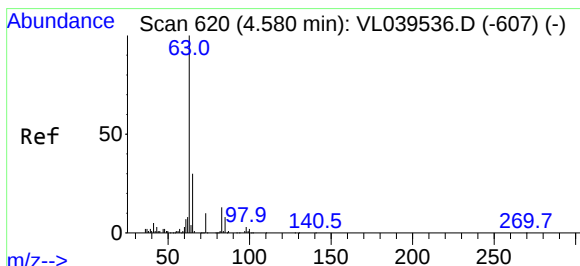
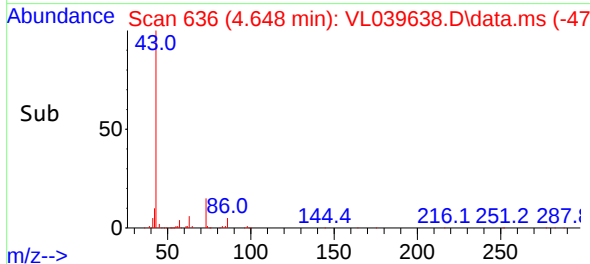
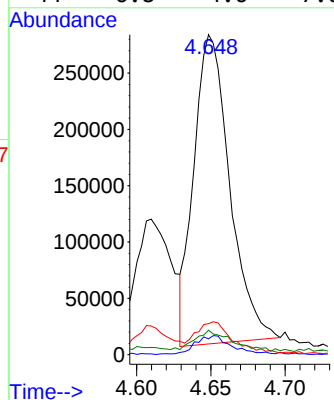
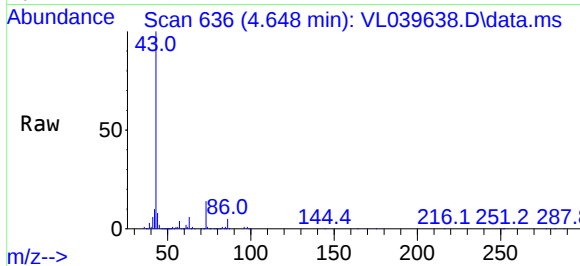


#23
 Vinyl Acetate
 Concen: 7.834 ppbv
 RT: 4.648 min Scan# 61
 Delta R.T. 0.010 min
 Lab File: VL039638.D
 Acq: 21 Sep 2022 16:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0921ABS01

Tgt Ion: 43 Resp: 460171

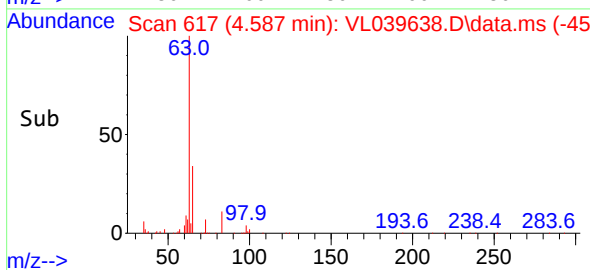
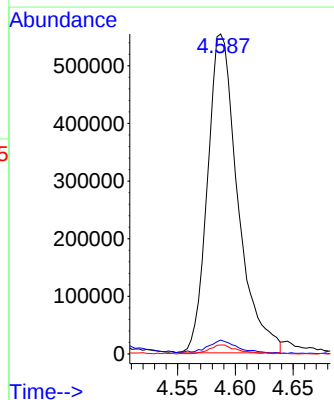
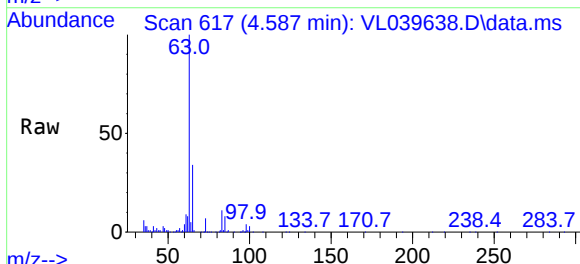
Ion	Ratio	Lower	Upper
43	100		
86	4.5	5.0	7.6#
42	9.7	7.7	11.5
44	6.8	4.6	7.0

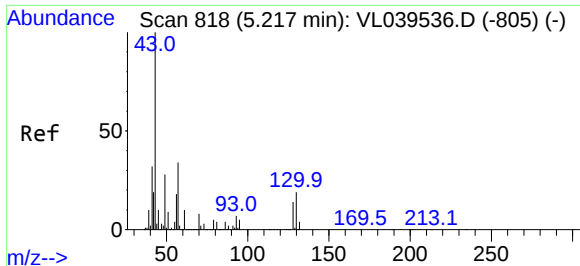


#24
 1,1-Dichloroethane
 Concen: 8.614 ppbv
 RT: 4.587 min Scan# 617
 Delta R.T. 0.007 min
 Lab File: VL039638.D
 Acq: 21 Sep 2022 16:59

Tgt Ion: 63 Resp: 1007640

Ion	Ratio	Lower	Upper
63	100		
98	4.2	1.8	5.3
100	2.7	1.5	4.4





#25

Ethyl Acetate

Concen: 8.723 ppbv

RT: 5.227 min Scan# 818

Delta R.T. 0.010 min

Lab File: VL039638.D

Acq: 21 Sep 2022 16:59

Instrument :

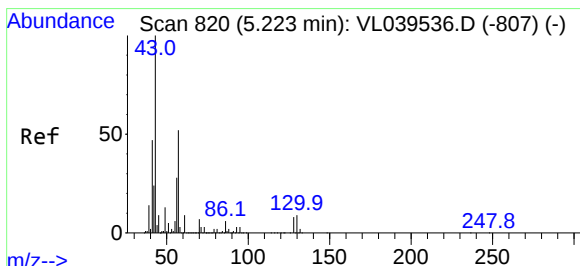
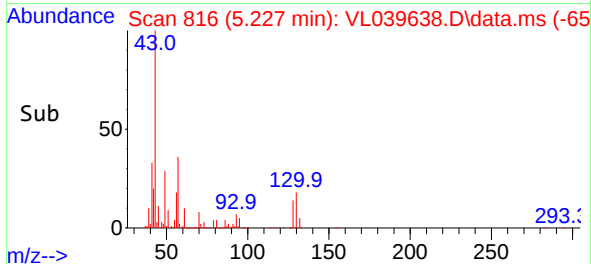
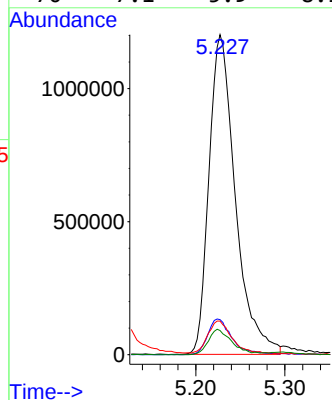
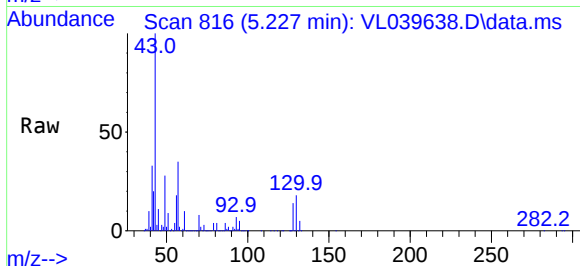
MSVOA_L

ClientSampleId :

VL0921ABS01

Tgt Ion: 43 Resp: 2471569

Ion	Ratio	Lower	Upper
43	100		
45	10.7	8.2	12.4
61	10.3	8.3	12.5
70	7.1	5.9	8.9



#26

Hexane

Concen: 8.482 ppbv

RT: 5.237 min Scan# 819

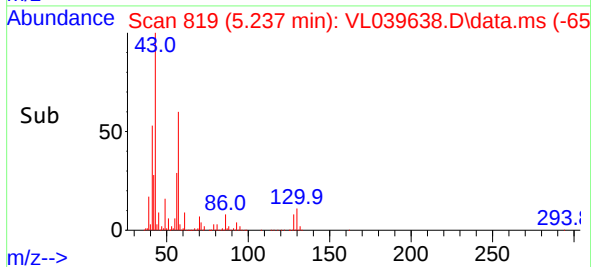
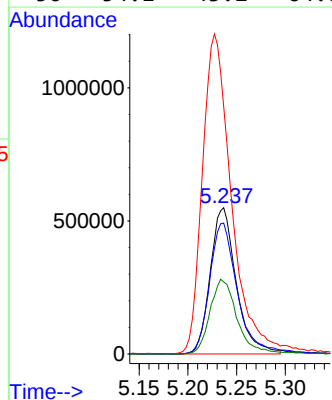
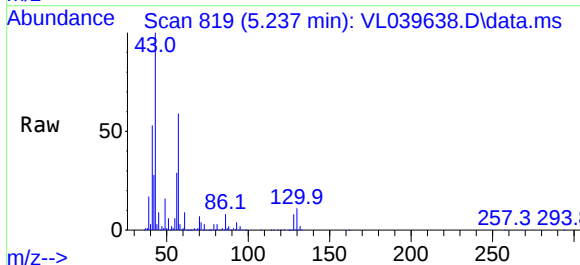
Delta R.T. 0.014 min

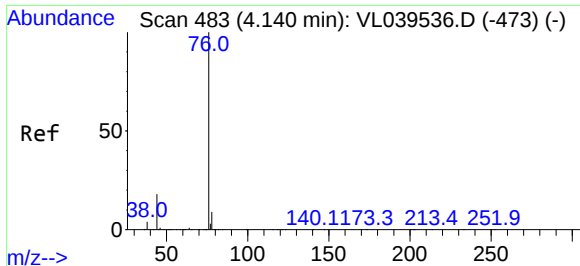
Lab File: VL039638.D

Acq: 21 Sep 2022 16:59

Tgt Ion: 57 Resp: 1019862

Ion	Ratio	Lower	Upper
57	100		
41	97.0	76.9	115.3
43	248.9	191.0	286.6
56	54.1	43.2	64.8

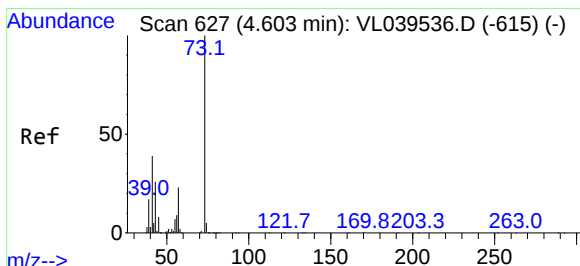
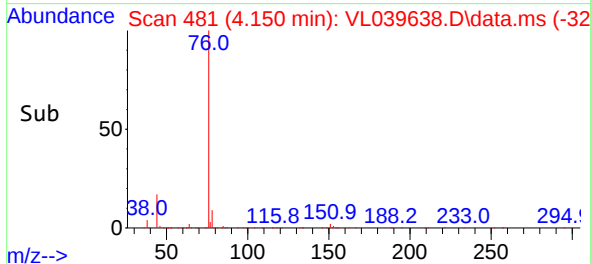
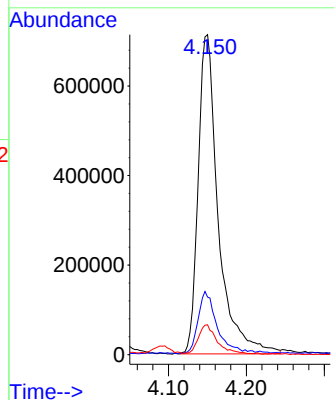
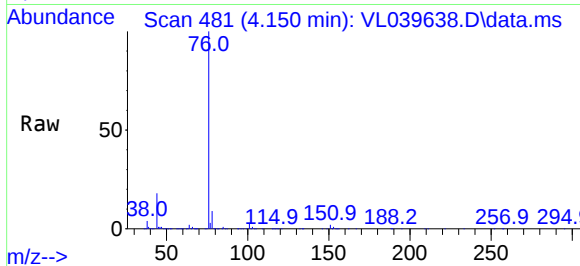




#27
Carbon Disulfide
Concen: 10.105 ppbv
RT: 4.150 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

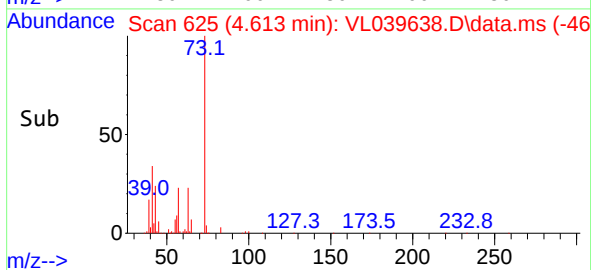
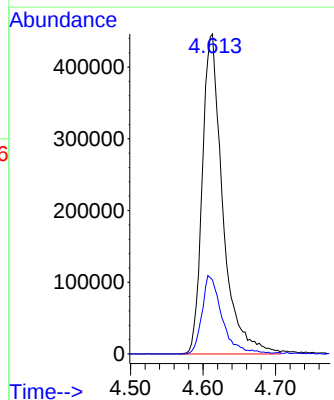
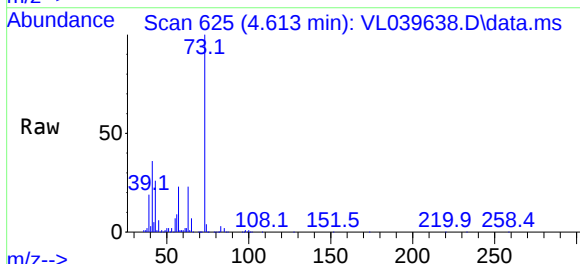
Instrument :
MSVOA_L
ClientSampleId :
VL0921ABS01

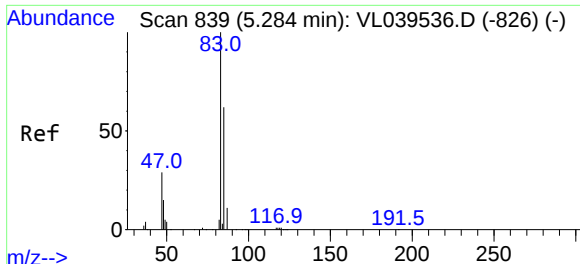
Tgt Ion: 76 Resp: 1276870
Ion Ratio Lower Upper
76 100
44 18.8 14.6 21.8
78 9.5 7.8 11.6



#28
Methyl tert-Butyl Ether
Concen: 8.647 ppbv
RT: 4.613 min Scan# 625
Delta R.T. 0.010 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

Tgt Ion: 73 Resp: 873465
Ion Ratio Lower Upper
73 100
57 24.2 19.8 29.8

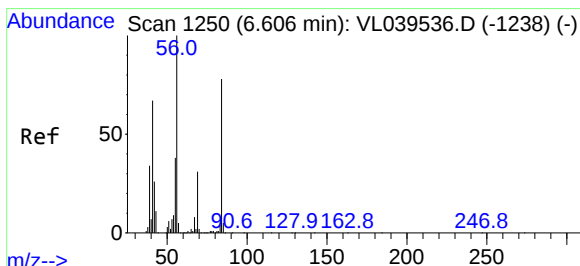
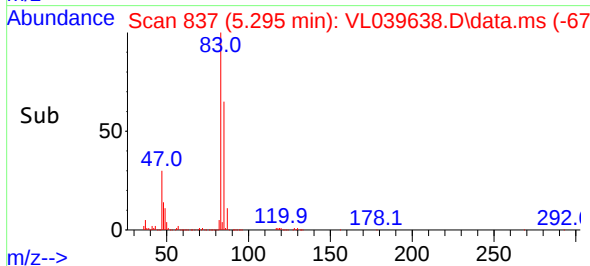
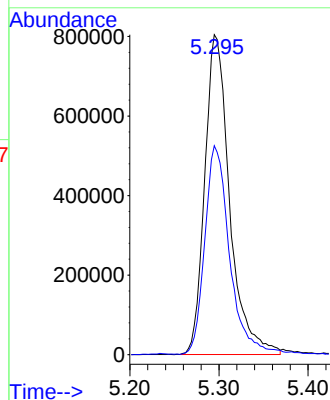
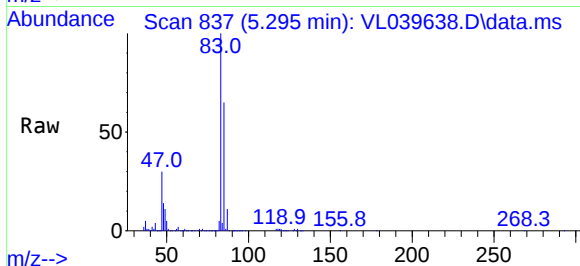




#29
Chloroform
Concen: 8.994 ppbv
RT: 5.295 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

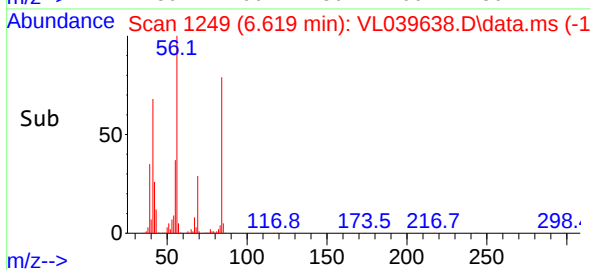
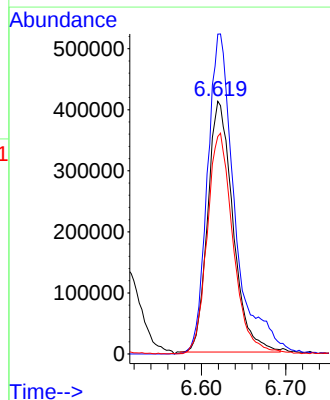
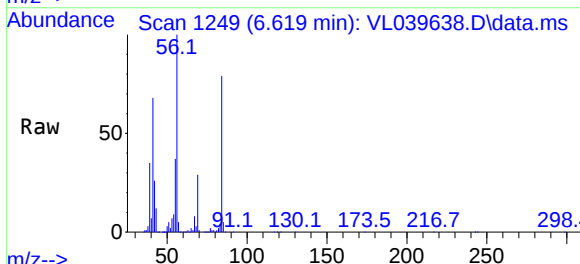
Instrument :
MSVOA_L
ClientSampleId :
VL0921ABS01

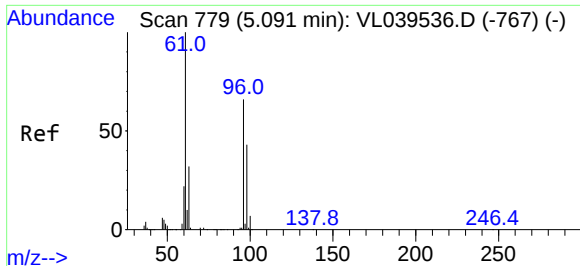
Tgt Ion: 83 Resp: 1561080
Ion Ratio Lower Upper
83 100
85 65.2 52.8 79.2



#30
Cyclohexane
Concen: 9.215 ppbv
RT: 6.619 min Scan# 1249
Delta R.T. 0.014 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

Tgt Ion: 84 Resp: 857983
Ion Ratio Lower Upper
84 100
56 140.0 107.7 161.5
41 90.2 67.7 101.5

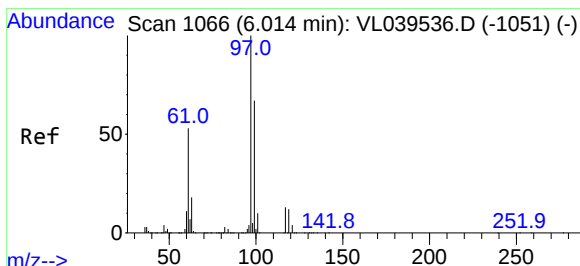
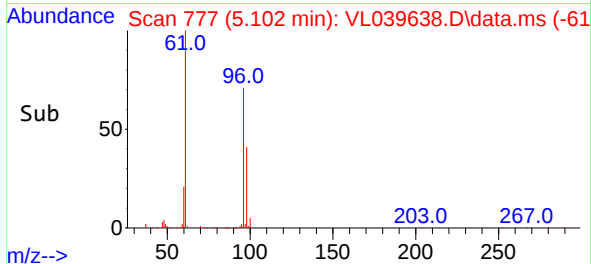
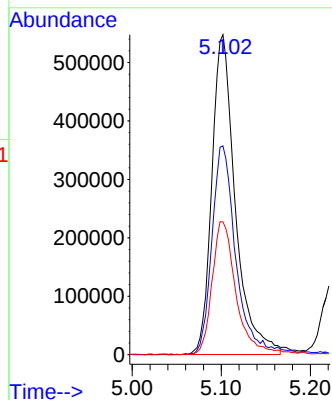
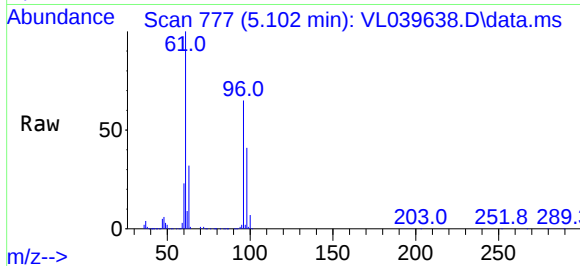




#31
cis-1,2-Dichloroethene
Concen: 9.189 ppbv
RT: 5.102 min Scan# 71
Delta R.T. 0.010 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

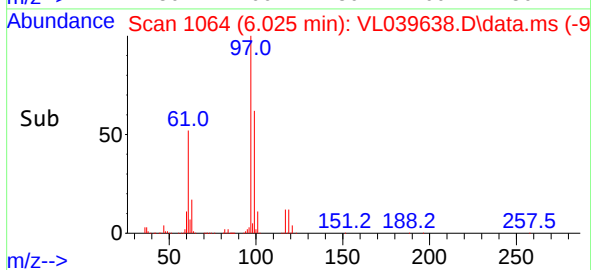
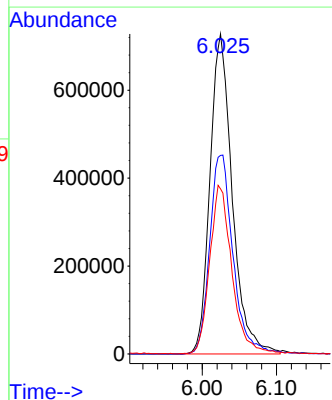
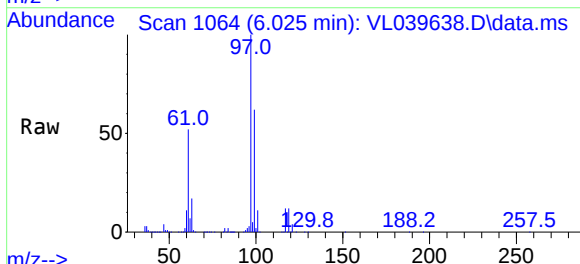
Instrument :
MSVOA_L
ClientSampleId :
VL0921ABS01

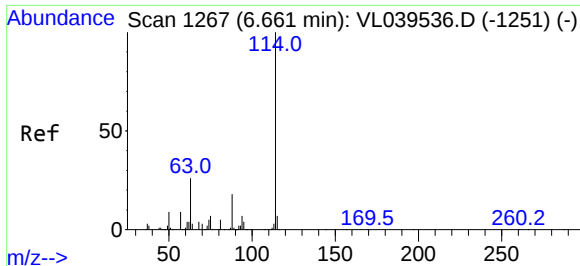
Tgt Ion: 61 Resp: 999277
Ion Ratio Lower Upper
61 100
96 65.3 54.1 81.1
98 41.5 34.6 52.0



#32
1,1,1-Trichloroethane
Concen: 9.650 ppbv
RT: 6.025 min Scan# 1064
Delta R.T. 0.010 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

Tgt Ion: 97 Resp: 1516432
Ion Ratio Lower Upper
97 100
99 65.5 52.3 78.5
61 53.0 40.9 61.3

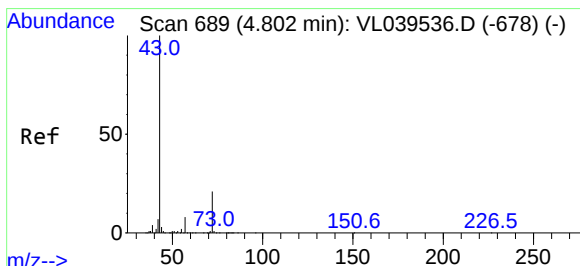
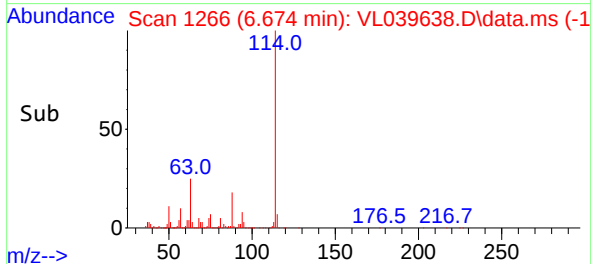
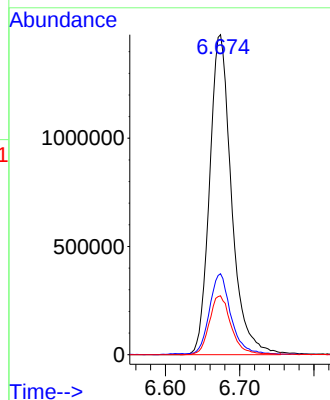
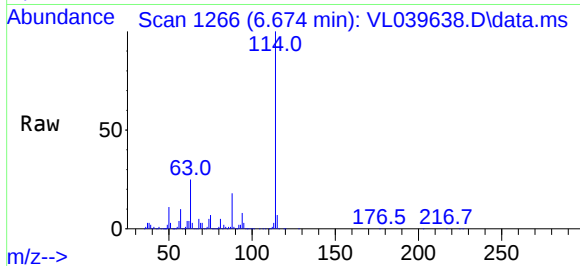




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.674 min Scan# 11
Delta R.T. 0.014 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

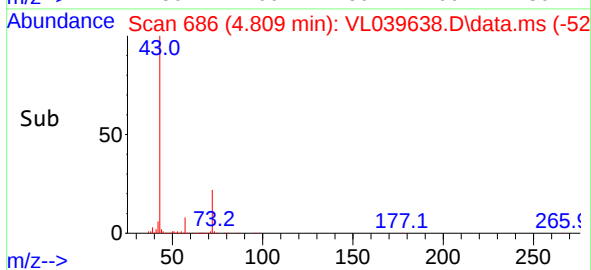
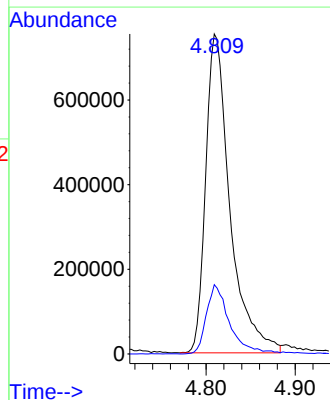
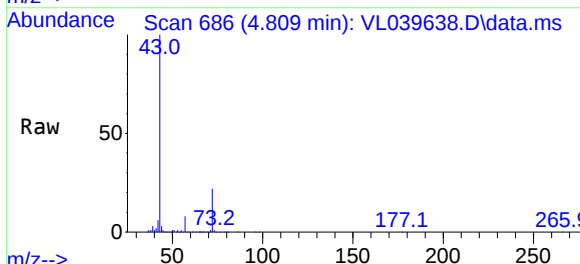
Instrument :
MSVOA_L
ClientSampleId :
VL0921ABS01

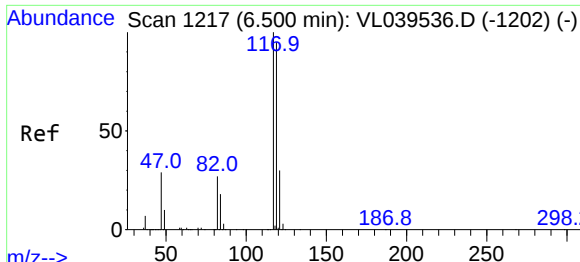
Tgt Ion:114 Resp: 3030703
Ion Ratio Lower Upper
114 100
63 25.5 20.2 30.4
88 18.4 14.5 21.7



#34
2-Butanone
Concen: 9.573 ppbv
RT: 4.809 min Scan# 686
Delta R.T. 0.007 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

Tgt Ion: 43 Resp: 1425081
Ion Ratio Lower Upper
43 100
72 21.4 17.9 26.9

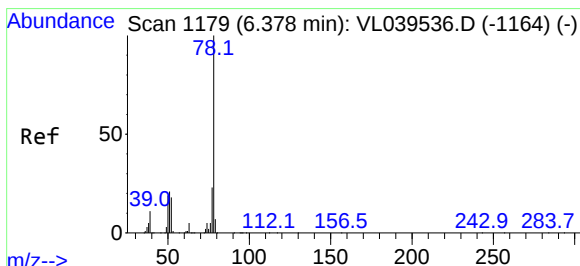
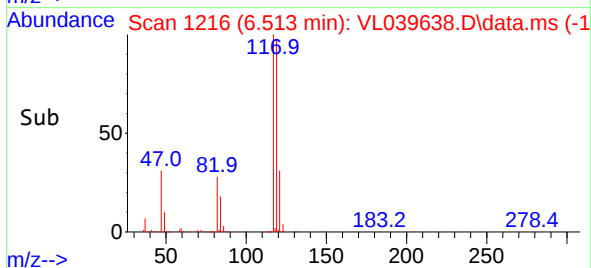
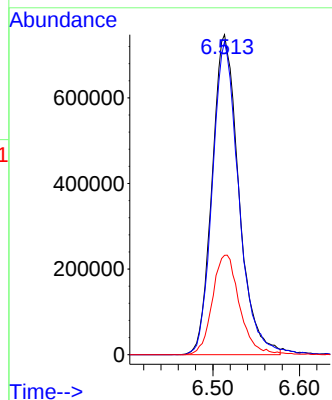
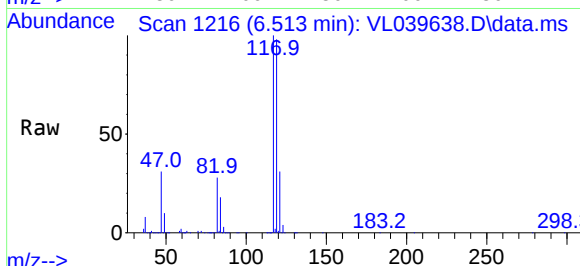




#35
Carbon Tetrachloride
Concen: 9.941 ppbv
RT: 6.513 min Scan# 117
Delta R.T. 0.014 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

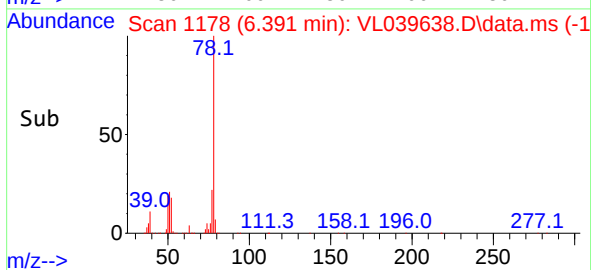
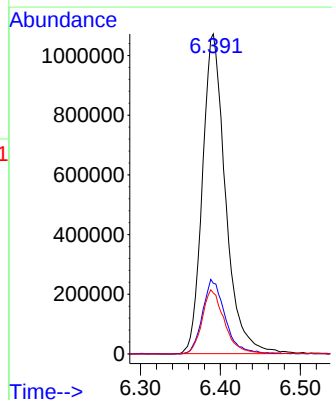
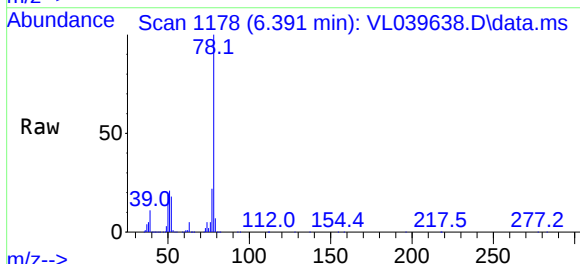
Instrument :
MSVOA_L
ClientSampleId :
VL0921ABS01

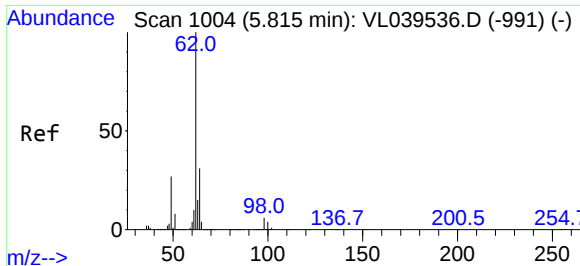
Tgt Ion:117 Resp: 1599478
Ion Ratio Lower Upper
117 100
119 97.7 75.4 113.2
121 31.0 24.2 36.2



#36
Benzene
Concen: 9.259 ppbv
RT: 6.391 min Scan# 1178
Delta R.T. 0.014 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

Tgt Ion: 78 Resp: 2145342
Ion Ratio Lower Upper
78 100
77 22.1 20.3 30.5
50 19.0 15.5 23.3

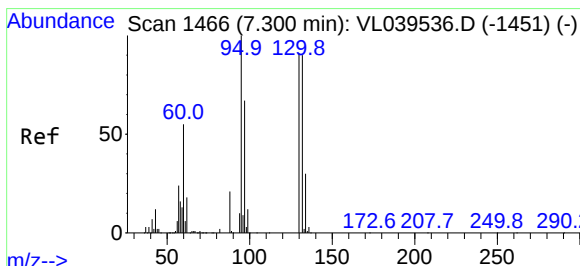
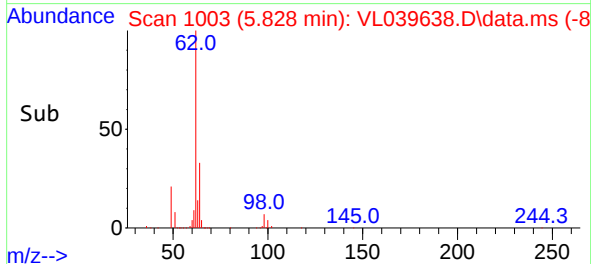
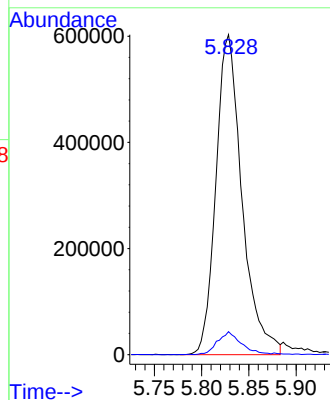
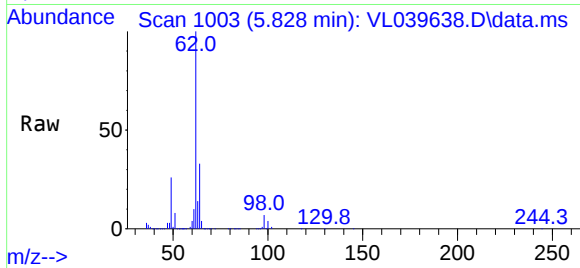




#37
1,2-Dichloroethane
Concen: 9.165 ppbv
RT: 5.828 min Scan# 1003
Delta R.T. 0.014 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

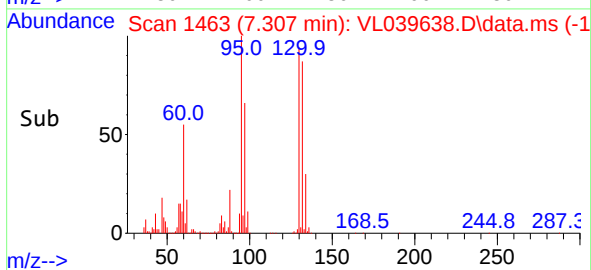
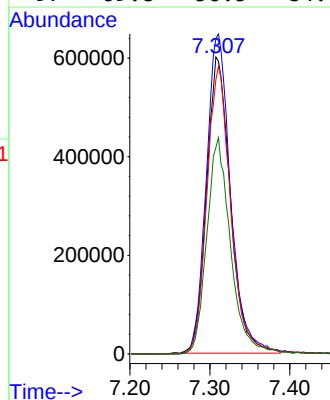
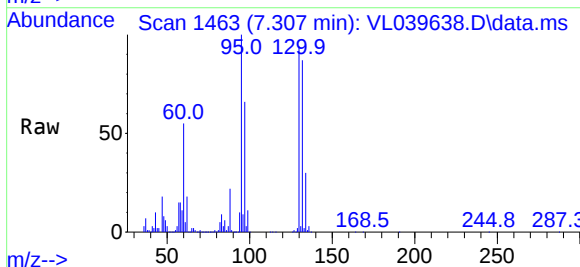
Instrument :
MSVOA_L
ClientSampleId :
VL0921ABS01

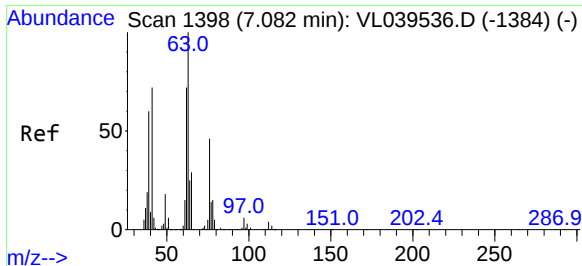
Tgt Ion: 62 Resp: 1155780
Ion Ratio Lower Upper
62 100
98 6.8 5.1 7.7



#38
Trichloroethene
Concen: 9.968 ppbv
RT: 7.307 min Scan# 1463
Delta R.T. 0.007 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

Tgt Ion:130 Resp: 1248198
Ion Ratio Lower Upper
130 100
95 106.4 87.3 130.9
132 92.5 76.7 115.1
97 69.8 56.5 84.7





#39

1,2-Dichloropropane

Concen: 9.040 ppbv

RT: 7.095 min Scan# 1

Delta R.T. 0.014 min

Lab File: VL039638.D

Acq: 21 Sep 2022 16:59

Instrument :

MSVOA_L

ClientSampleId :

VL0921ABS01

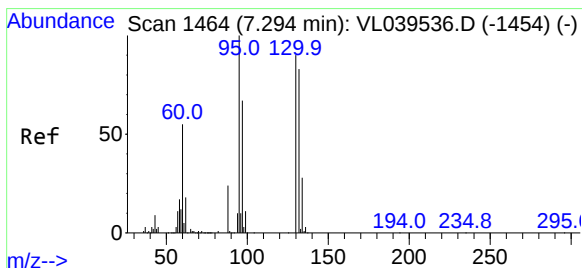
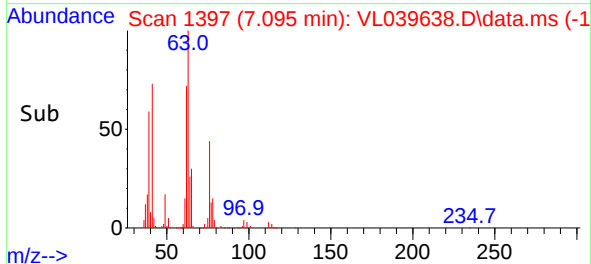
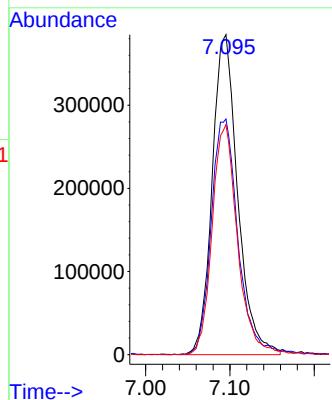
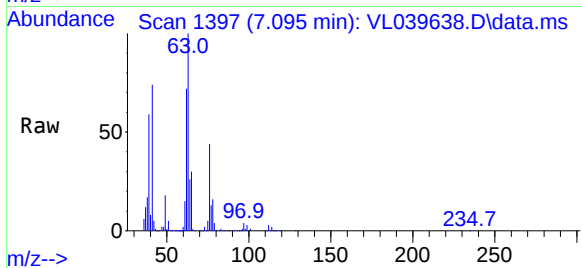
Tgt Ion: 63 Resp: 808836

Ion Ratio Lower Upper

63 100

41 73.5 59.6 89.4

62 71.8 51.4 77.0



#40

1,4-Dioxane

Concen: 8.370 ppbv

RT: 7.311 min Scan# 1464

Delta R.T. 0.017 min

Lab File: VL039638.D

Acq: 21 Sep 2022 16:59

Tgt Ion: 88 Resp: 305797

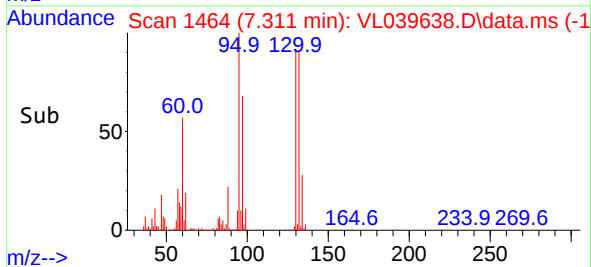
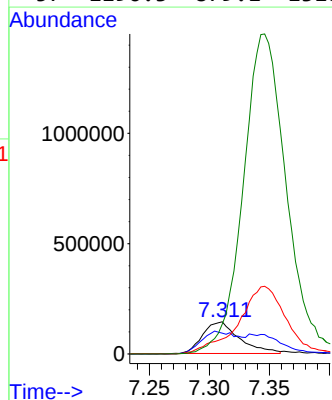
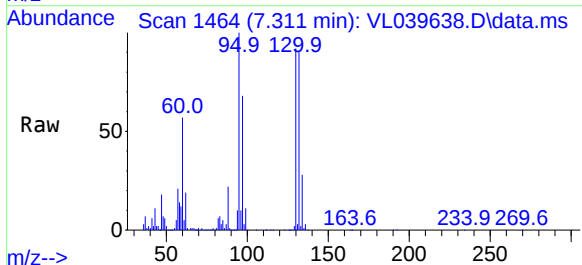
Ion Ratio Lower Upper

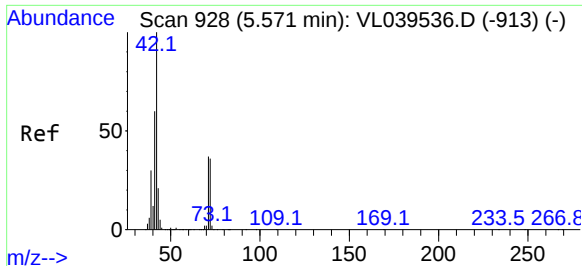
88 100

58 133.1 100.2 150.4

43 279.3 205.8 308.6

57 1196.3 879.1 1318.7

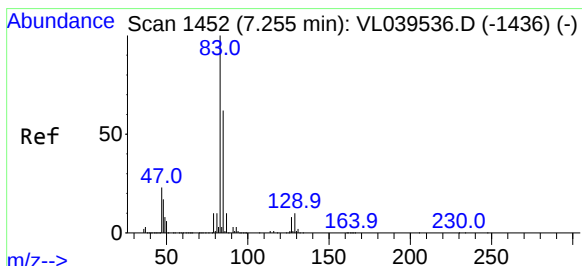
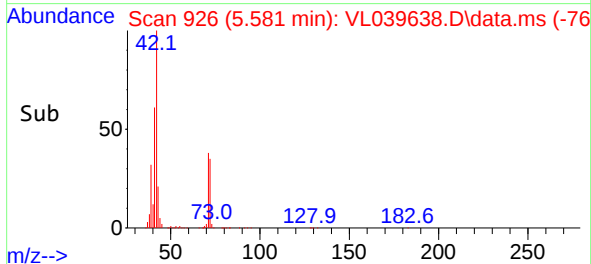
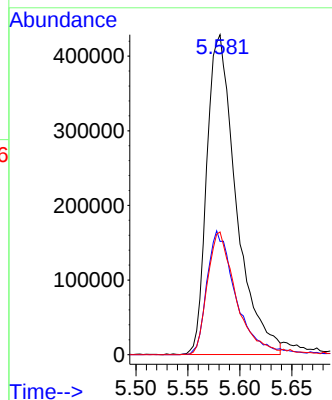
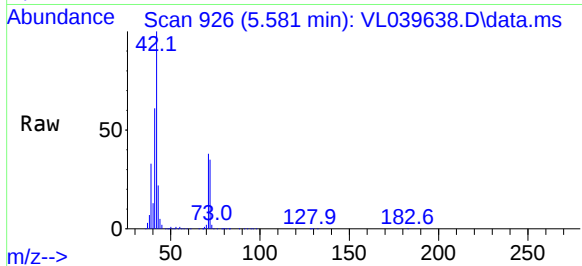




#41
Tetrahydrofuran
Concen: 9.226 ppbv
RT: 5.581 min Scan# 91
Delta R.T. 0.010 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

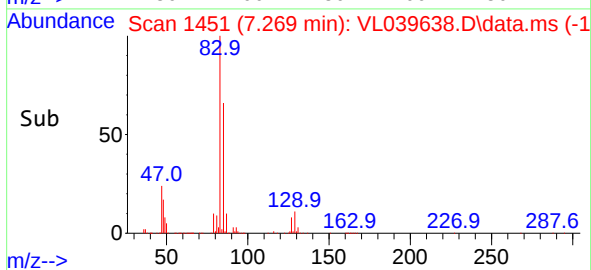
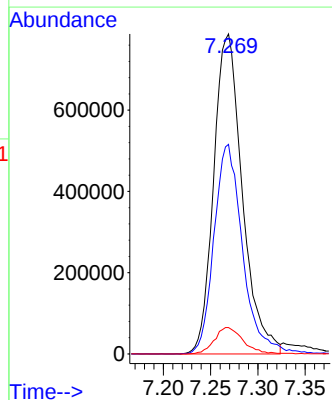
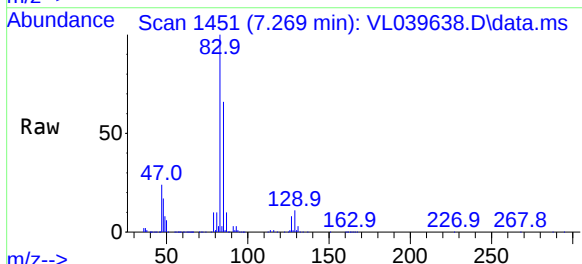
Instrument :
MSVOA_L
ClientSampleId :
VL0921ABS01

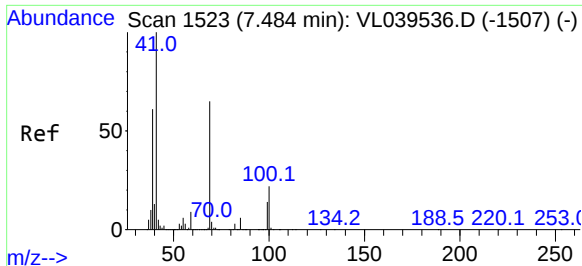
Tgt Ion: 42 Resp: 842556
Ion Ratio Lower Upper
42 100
72 39.1 31.8 47.8
71 38.7 31.8 47.8



#42
Bromodichloromethane
Concen: 9.472 ppbv
RT: 7.269 min Scan# 1451
Delta R.T. 0.014 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

Tgt Ion: 83 Resp: 1661439
Ion Ratio Lower Upper
83 100
85 65.5 50.7 76.1
127 8.2 6.6 9.8





#43

Methyl Methacrylate

Concen: 9.951 ppbv

RT: 7.494 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL039638.D

Acq: 21 Sep 2022 16:59

Instrument :

MSVOA_1

ClientSampleId :

VL0921ABS01

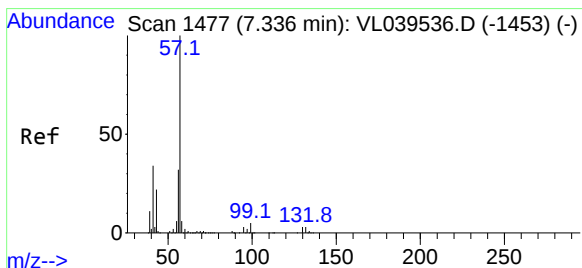
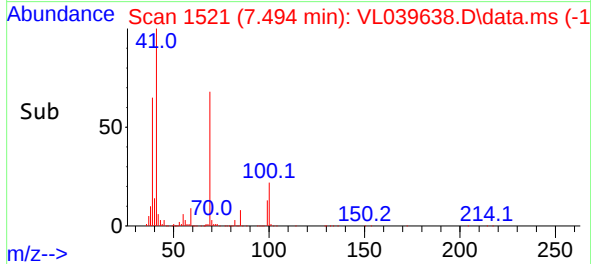
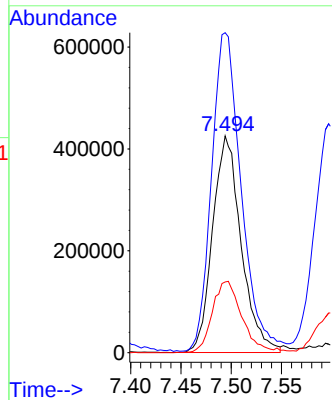
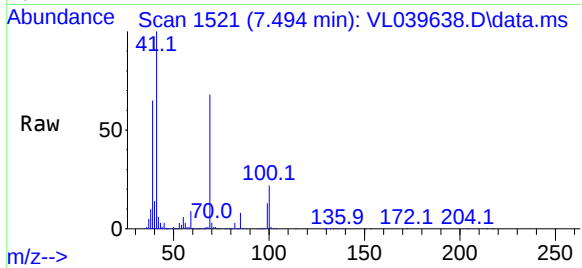
Tgt Ion: 69 Resp: 840521

Ion Ratio Lower Upper

69 100

41 154.4 120.8 181.2

100 34.4 27.8 41.6



#44

2,2,4-Trimethylpentane

Concen: 9.138 ppbv

RT: 7.346 min Scan# 1475

Delta R.T. 0.010 min

Lab File: VL039638.D

Acq: 21 Sep 2022 16:59

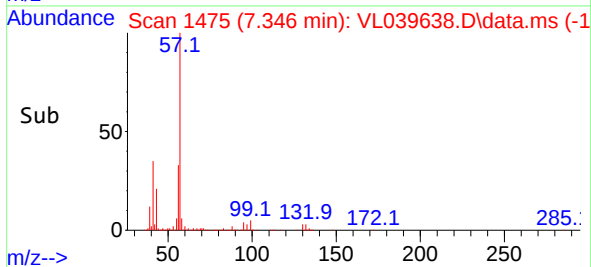
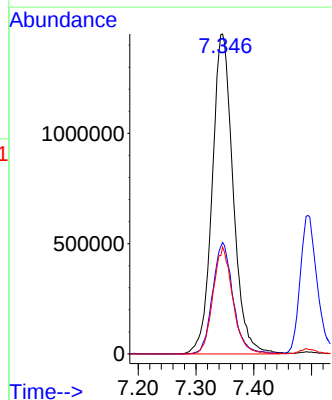
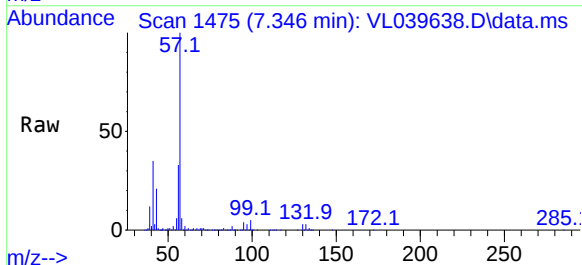
Tgt Ion: 57 Resp: 3649254

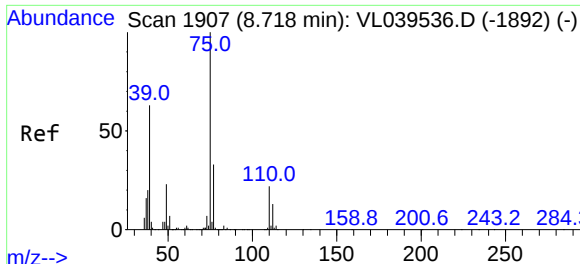
Ion Ratio Lower Upper

57 100

41 34.0 27.4 41.2

56 31.6 24.5 36.7

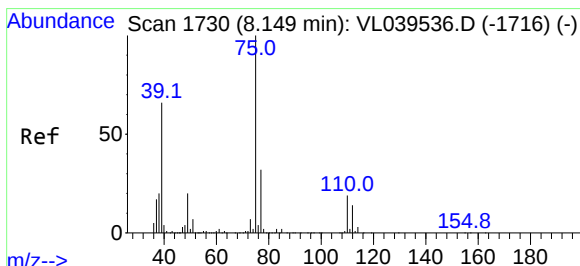
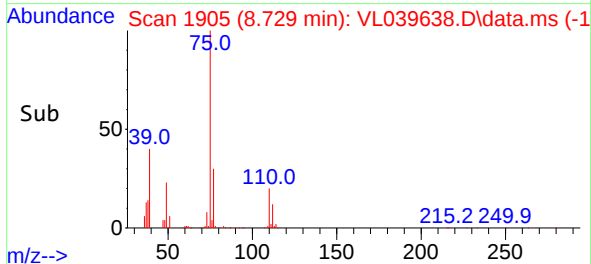
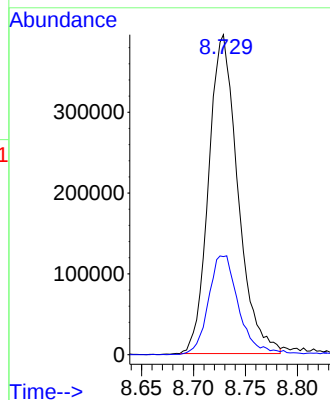
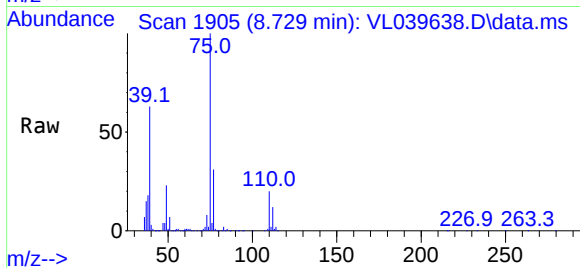




#45
t-1,3-Dichloropropene
Concen: 10.823 ppbv
RT: 8.729 min Scan# 1907
Delta R.T. 0.010 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

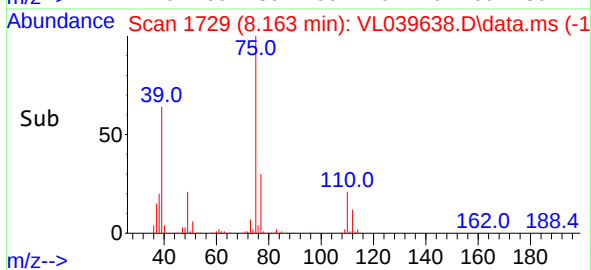
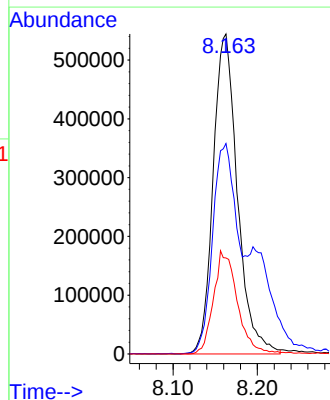
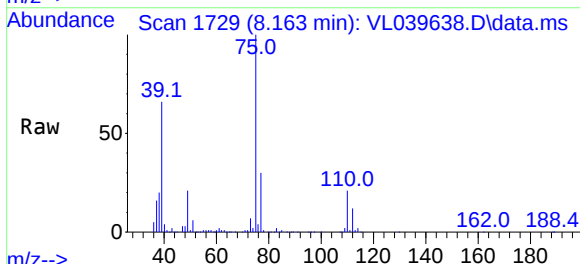
Instrument :
MSVOA_L
ClientSampleId :
VL0921ABS01

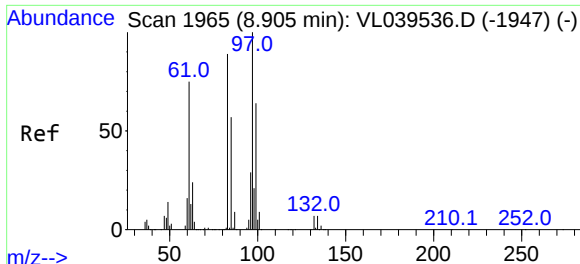
Tgt Ion: 75 Resp: 772467
Ion Ratio Lower Upper
75 100
77 30.7 24.6 36.8



#46
cis-1,3-Dichloropropene
Concen: 10.709 ppbv
RT: 8.163 min Scan# 1729
Delta R.T. 0.014 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

Tgt Ion: 75 Resp: 1088083
Ion Ratio Lower Upper
75 100
39 65.7 55.0 82.4
77 30.0 25.7 38.5



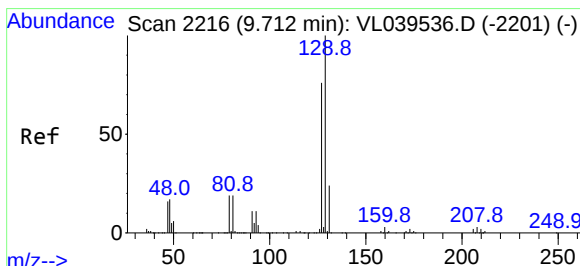
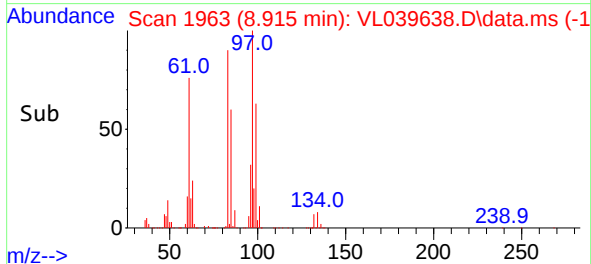
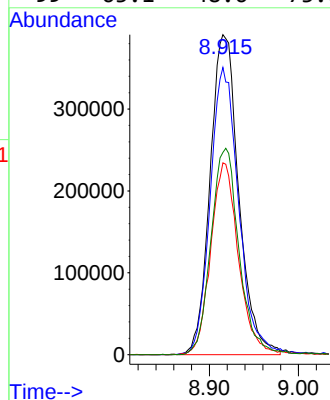
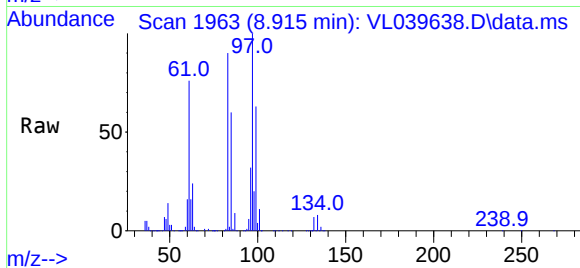


#47
1,1,2-Trichloroethane
Concen: 8.924 ppbv
RT: 8.915 min Scan# 1963
Delta R.T. 0.010 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

Instrument :
MSVOA_L
ClientSampleId :
VL0921ABS01

Tgt Ion: 97 Resp: 872762

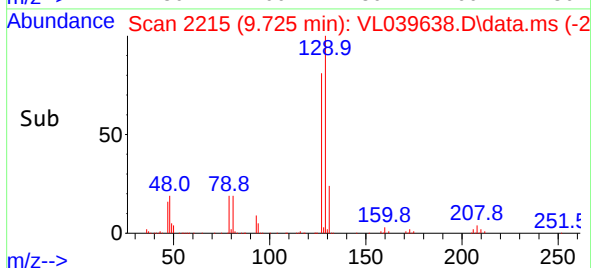
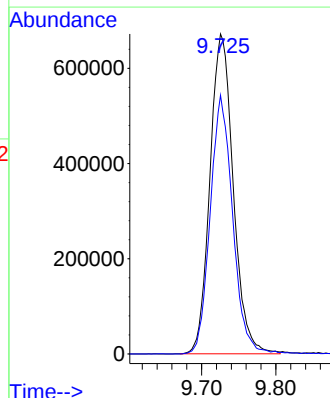
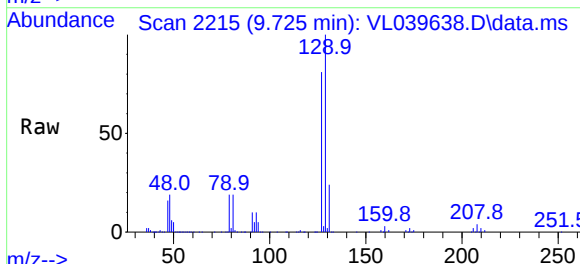
Ion	Ratio	Lower	Upper
97	100		
83	89.5	67.4	101.0
85	59.8	45.1	67.7
99	63.1	48.6	73.0

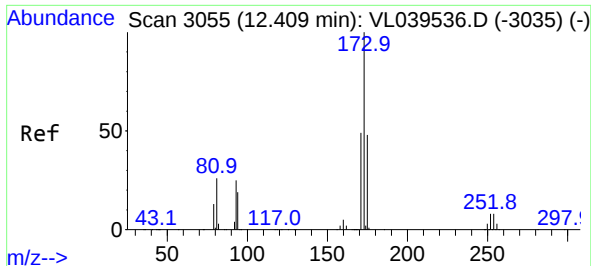


#48
Dibromochloromethane
Concen: 9.959 ppbv
RT: 9.725 min Scan# 2215
Delta R.T. 0.014 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

Tgt Ion: 129 Resp: 1466588

Ion	Ratio	Lower	Upper
129	100		
127	78.3	39.3	117.9

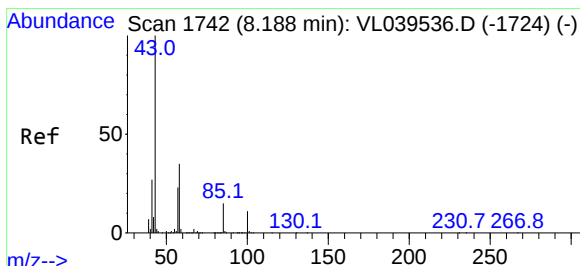
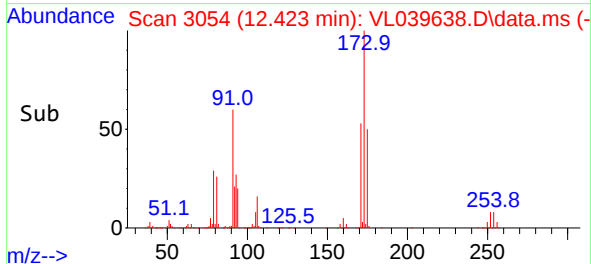
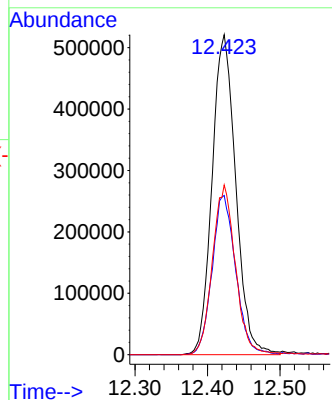
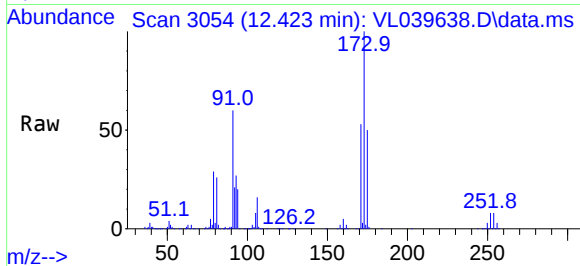




#49
Bromoform
Concen: 9.716 ppbv
RT: 12.423 min Scan# 3054
Delta R.T. 0.014 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

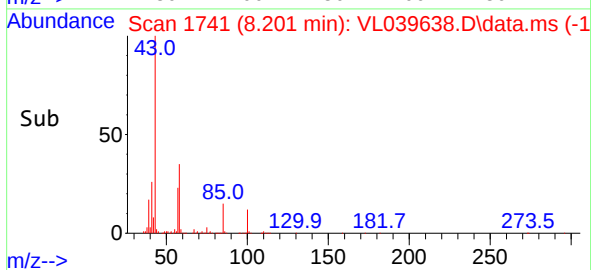
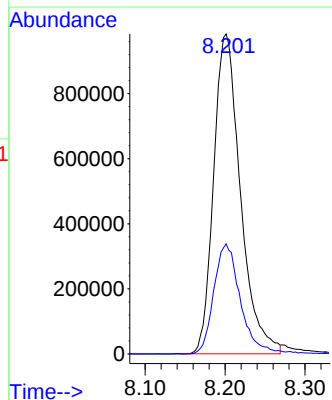
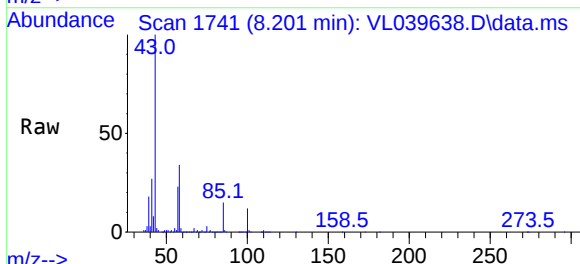
Instrument :
MSVOA_L
ClientSampleId :
VL0921ABS01

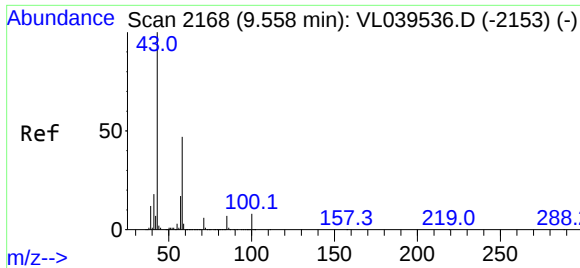
Tgt Ion:173 Resp: 1183463
Ion Ratio Lower Upper
173 100
175 50.2 40.3 60.5
171 51.8 42.9 64.3



#50
4-Methyl-2-Pentanone
Concen: 9.760 ppbv
RT: 8.201 min Scan# 1741
Delta R.T. 0.014 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

Tgt Ion: 43 Resp: 2282927
Ion Ratio Lower Upper
43 100
58 34.7 28.8 43.2



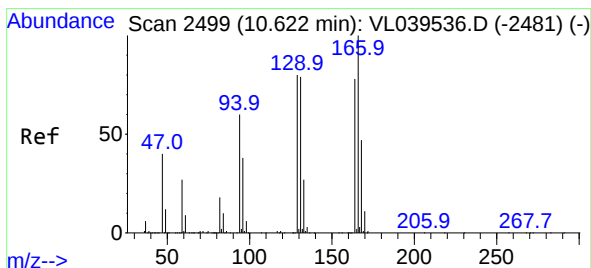
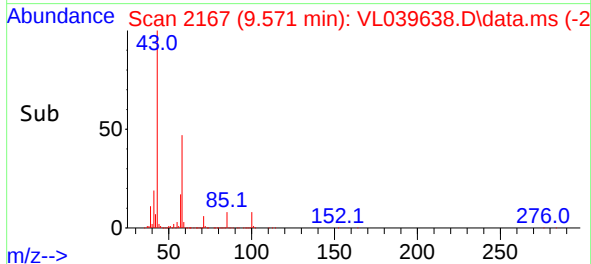
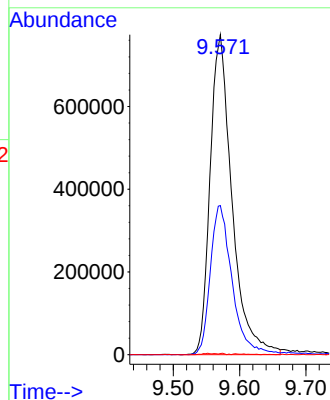
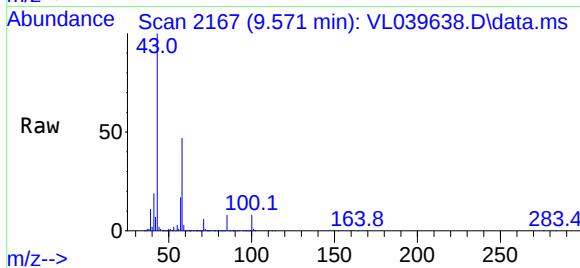


#51
2-Hexanone
Concen: 10.229 ppbv
RT: 9.571 min Scan# 2168
Delta R.T. 0.014 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

Instrument :
MSVOA_L
ClientSampleId :
VL0921ABS01

Tgt Ion: 43 Resp: 1771202

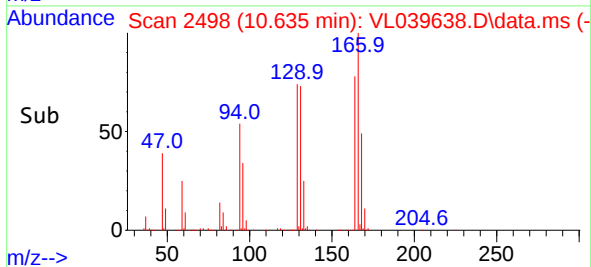
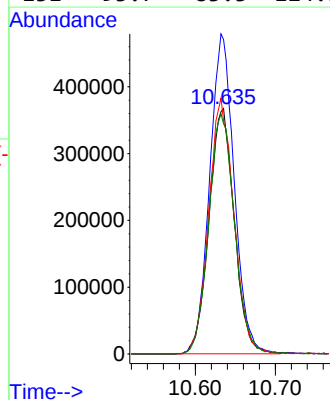
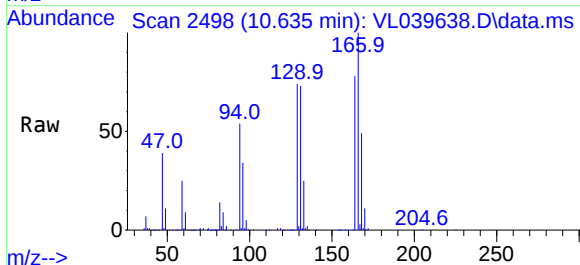
Ion	Ratio	Lower	Upper
43	100		
58	47.4	38.4	57.6
98	0.3	0.3	0.5

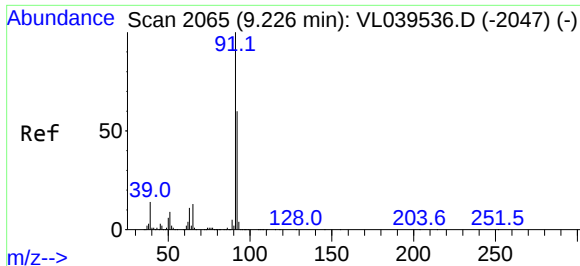


#52
Tetrachloroethene
Concen: 9.091 ppbv
RT: 10.635 min Scan# 2498
Delta R.T. 0.014 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

Tgt Ion: 164 Resp: 803606

Ion	Ratio	Lower	Upper
164	100		
166	128.1	102.2	153.2
129	95.1	85.8	128.8
131	93.7	83.3	124.9

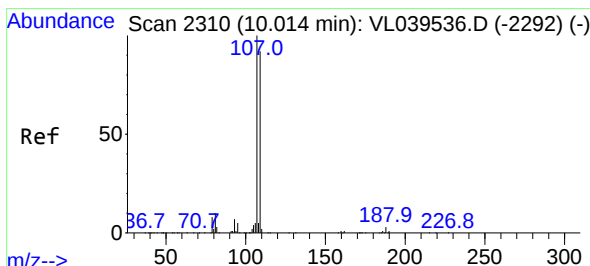
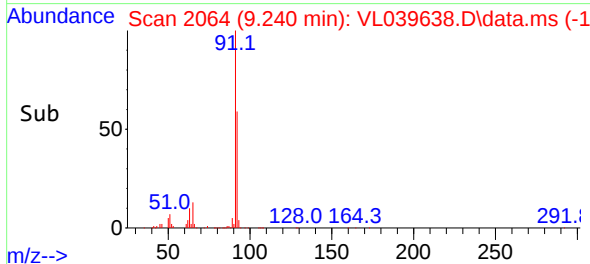
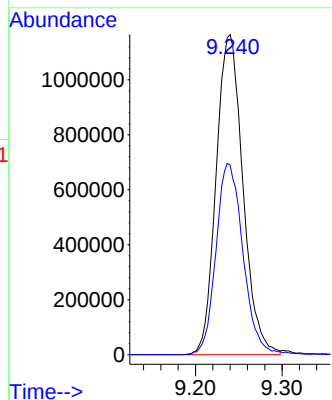
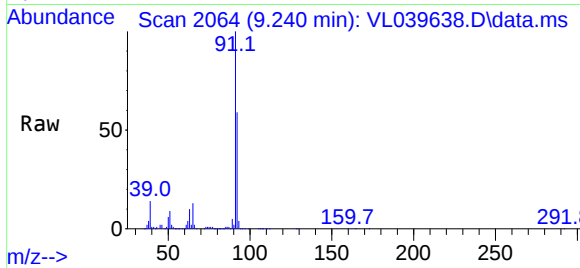




#53
Toluene
Concen: 9.703 ppbv
RT: 9.240 min Scan# 2065
Delta R.T. 0.014 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

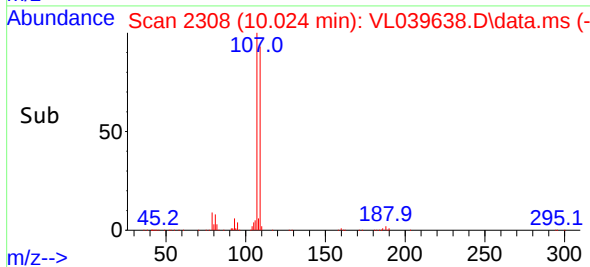
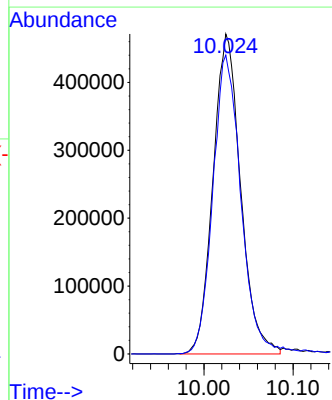
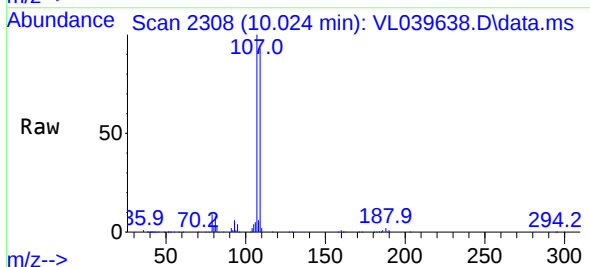
Instrument :
MSVOA_L
ClientSampleId :
VL0921ABS01

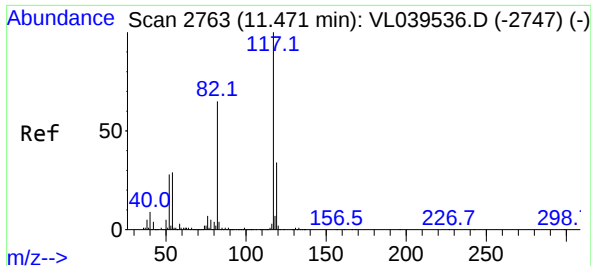
Tgt Ion: 91 Resp: 2500564
Ion Ratio Lower Upper
91 100
92 60.6 48.2 72.2



#54
1,2-Dibromoethane
Concen: 9.674 ppbv
RT: 10.024 min Scan# 2308
Delta R.T. 0.010 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

Tgt Ion: 107 Resp: 1012123
Ion Ratio Lower Upper
107 100
109 93.3 74.8 112.2

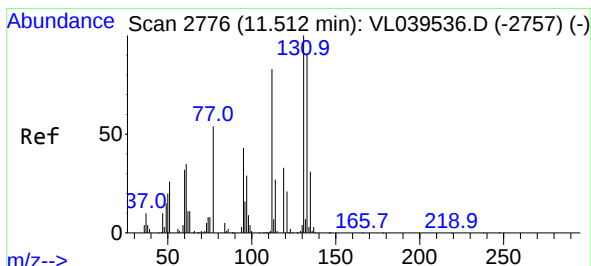
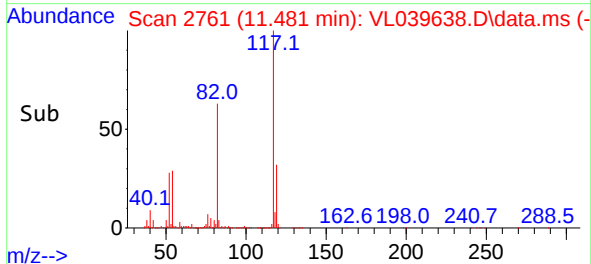
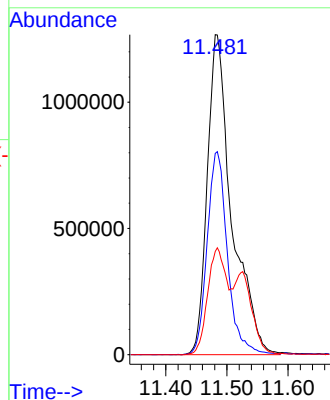
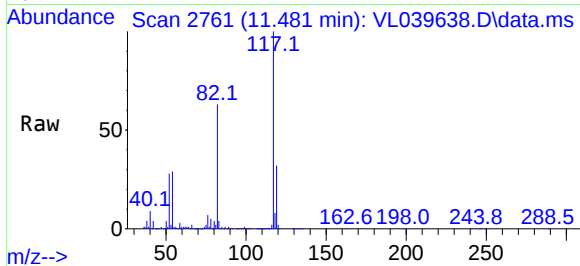




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

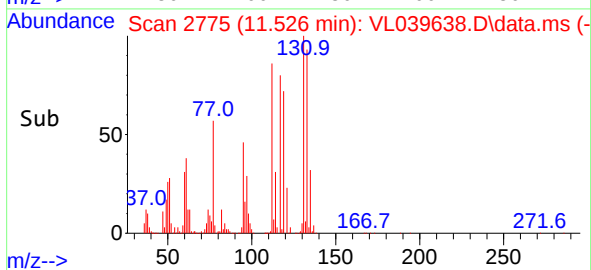
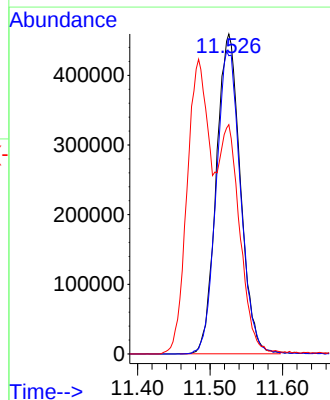
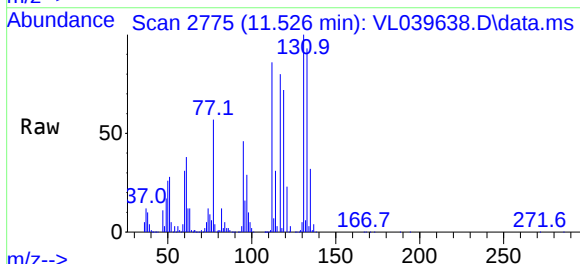
Instrument :
MSVOA_L
ClientSampleId :
VL0921ABS01

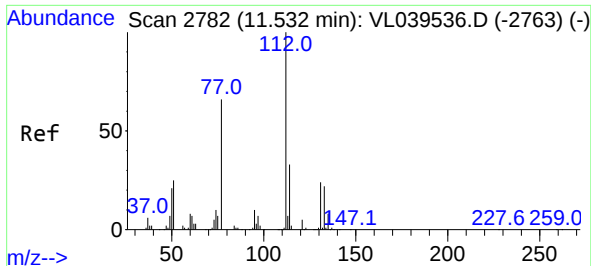
Tgt Ion:117 Resp: 3539061
Ion Ratio Lower Upper
117 100
82 52.7 50.8 76.2
119 46.0 24.1 36.1#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.398 ppbv
RT: 11.526 min Scan# 2775
Delta R.T. 0.014 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

Tgt Ion:131 Resp: 1058010
Ion Ratio Lower Upper
131 100
133 96.2 76.8 115.2
119 153.8 46.2 69.4#

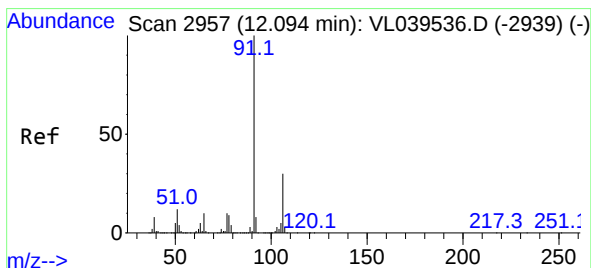
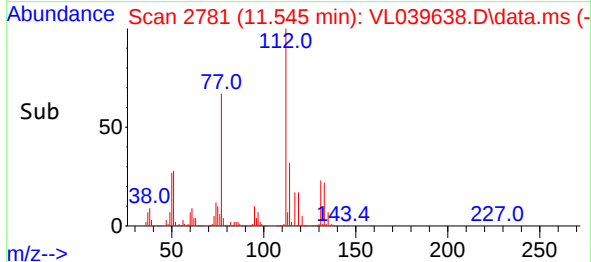
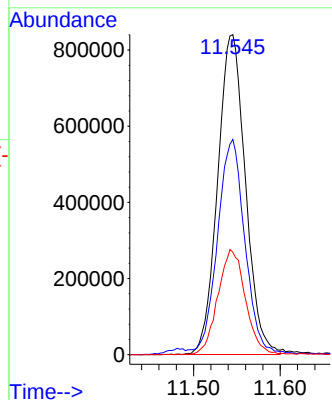
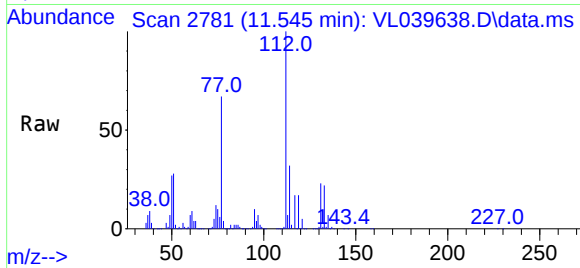




#57
Chlorobenzene
Concen: 7.199 ppbv
RT: 11.545 min Scan# 21
Delta R.T. 0.014 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

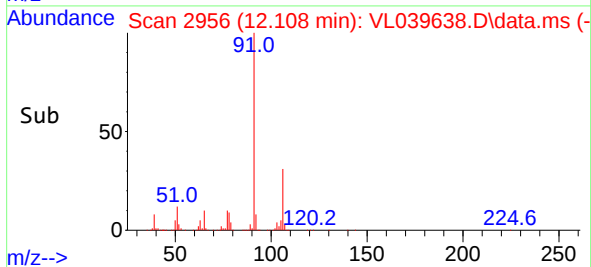
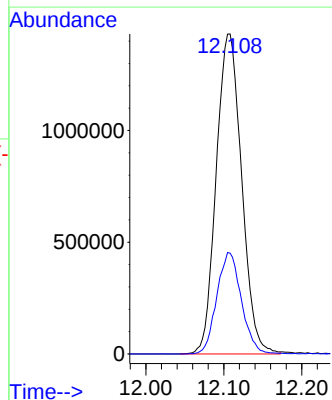
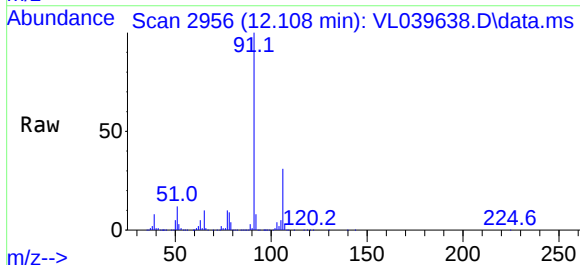
Instrument :
MSVOA_L
ClientSampleId :
VL0921ABS01

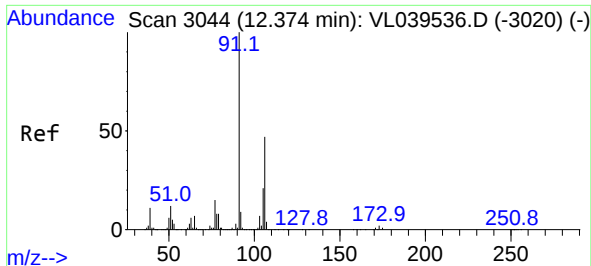
Tgt Ion:112 Resp: 1873513
Ion Ratio Lower Upper
112 100
77 66.4 51.0 76.4
114 31.8 27.5 33.6



#58
Ethyl Benzene
Concen: 7.948 ppbv
RT: 12.108 min Scan# 2956
Delta R.T. 0.014 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

Tgt Ion: 91 Resp: 3243346
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.0





#59

m/p-Xylene

Concen: 7.579 ppbv

RT: 12.388 min Scan# 3044

Delta R.T. 0.014 min

Lab File: VL039638.D

Acq: 21 Sep 2022 16:59

Instrument :

MSVOA_L

ClientSampleId :

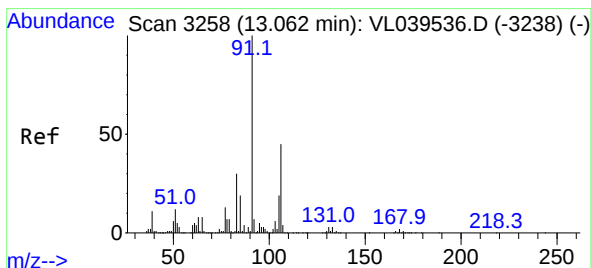
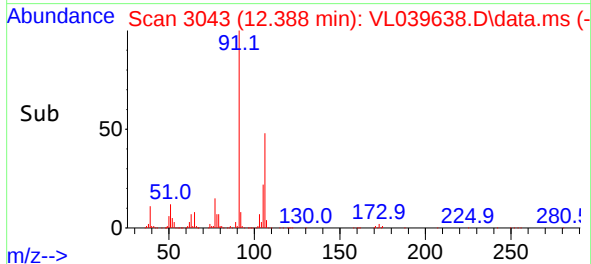
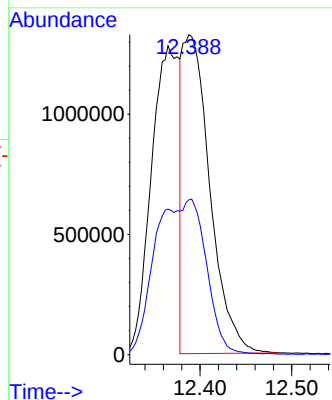
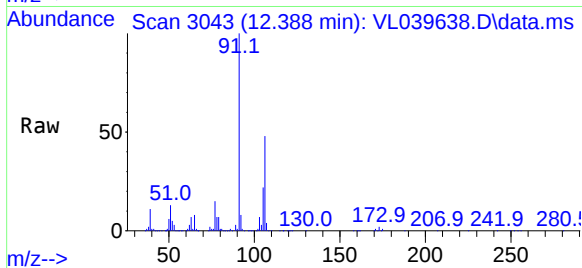
VL0921ABS01

Tgt Ion: 91 Resp: 2752413

Ion Ratio Lower Upper

91 100

106 91.0 35.4 53.2#



#60

o-Xylene

Concen: 7.619 ppbv

RT: 13.073 min Scan# 3256

Delta R.T. 0.010 min

Lab File: VL039638.D

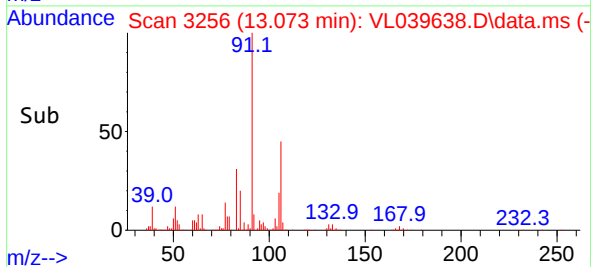
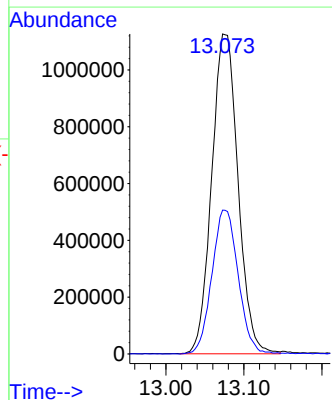
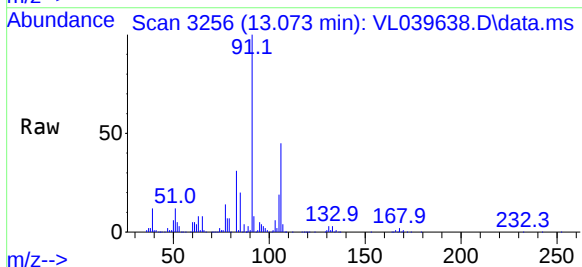
Acq: 21 Sep 2022 16:59

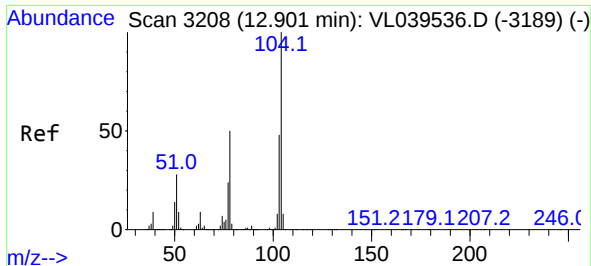
Tgt Ion: 91 Resp: 2642127

Ion Ratio Lower Upper

91 100

106 45.1 22.4 67.3

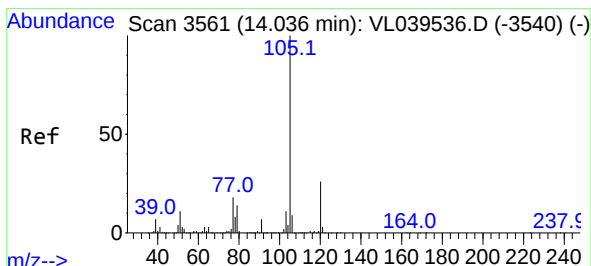
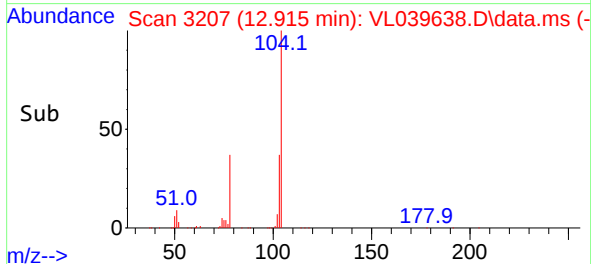
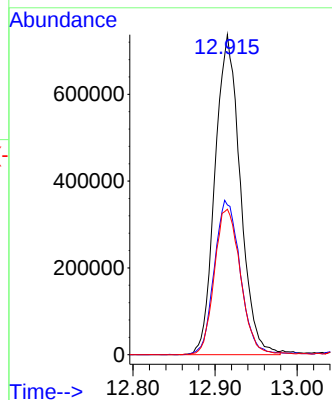
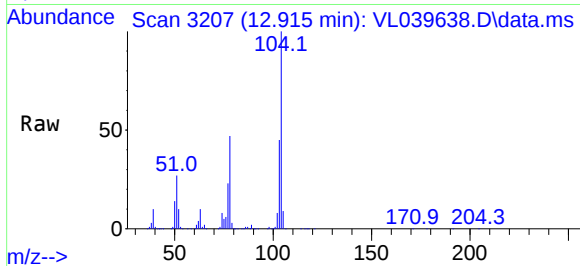




#61
Styrene
Concen: 8.445 ppbv
RT: 12.915 min Scan# 31
Delta R.T. 0.014 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

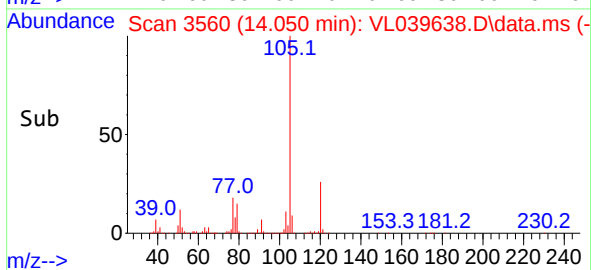
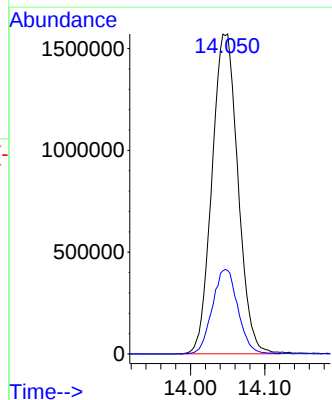
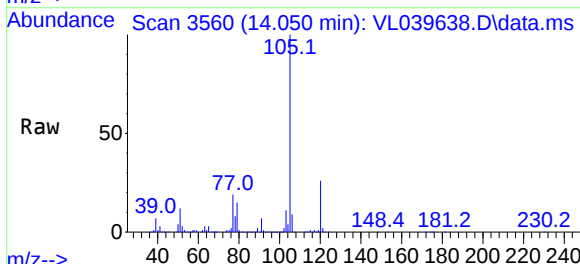
Instrument :
MSVOA_L
ClientSampleId :
VL0921ABS01

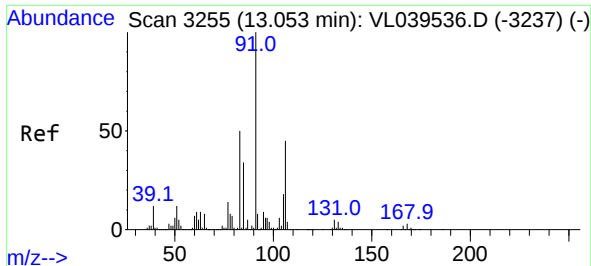
Tgt Ion:104 Resp: 1577267
Ion Ratio Lower Upper
104 100
78 49.9 41.2 61.8
103 47.6 38.7 58.1



#62
Isopropylbenzene
Concen: 7.320 ppbv
RT: 14.050 min Scan# 3560
Delta R.T. 0.014 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

Tgt Ion:105 Resp: 3820001
Ion Ratio Lower Upper
105 100
120 26.1 20.7 31.1

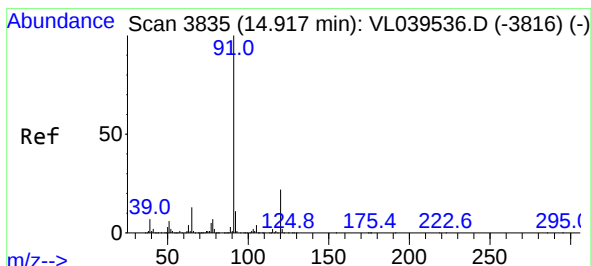
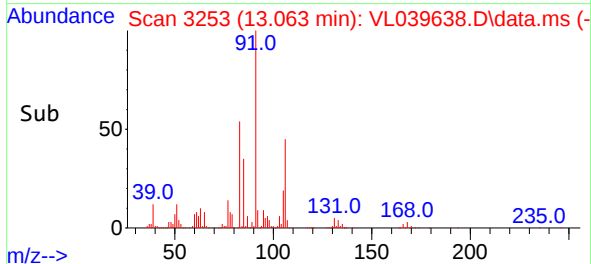
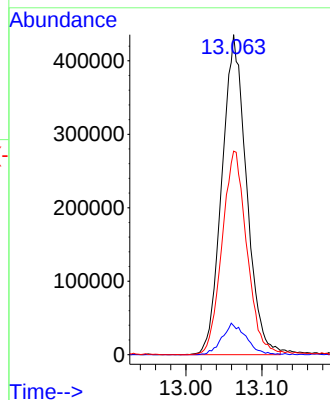
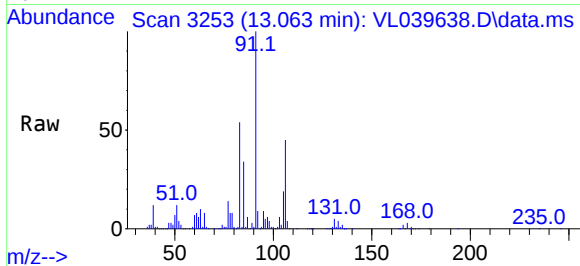




#63
1,1,2,2-Tetrachloroethane
Concen: 7.064 ppbv
RT: 13.063 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

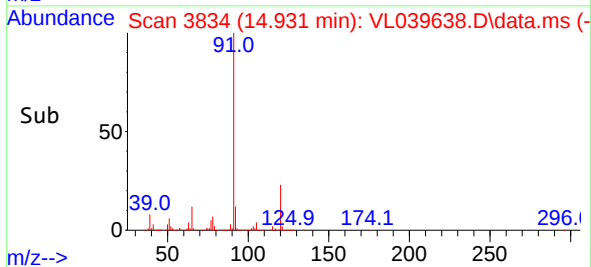
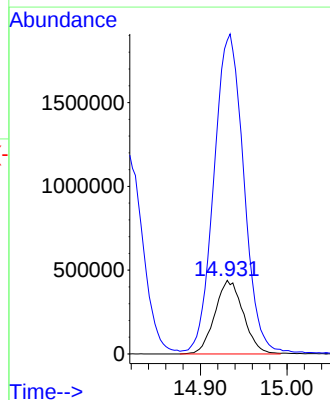
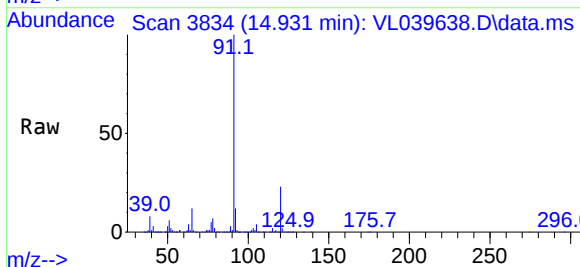
Instrument :
MSVOA_L
ClientSampleId :
VL0921ABS01

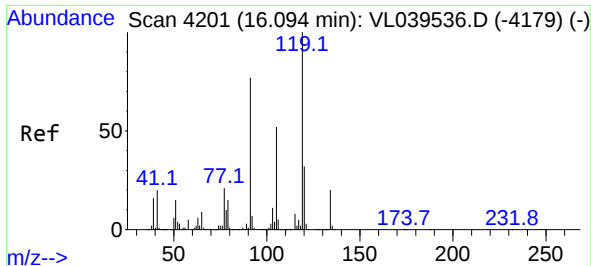
Tgt Ion: 83 Resp: 977128
Ion Ratio Lower Upper
83 100
131 9.7 5.3 15.8
85 65.2 33.1 99.5



#64
n-propylbenzene
Concen: 7.486 ppbv
RT: 14.931 min Scan# 3834
Delta R.T. 0.014 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

Tgt Ion:120 Resp: 1000290
Ion Ratio Lower Upper
120 100
91 461.0 367.2 550.8

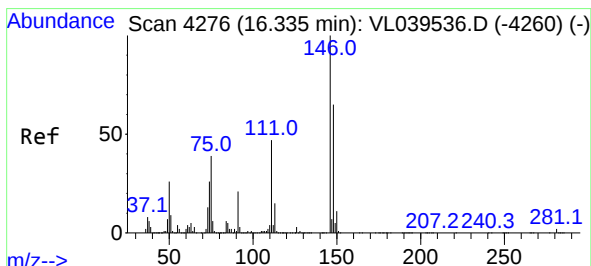
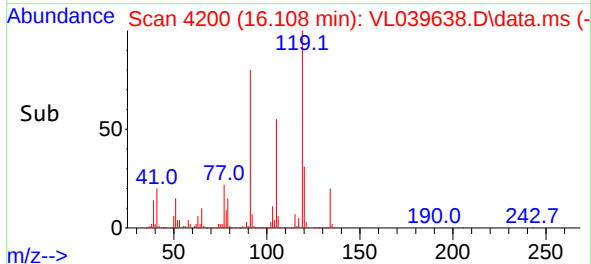
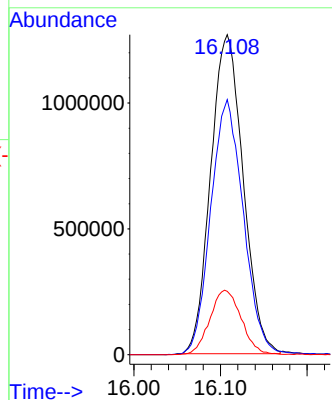
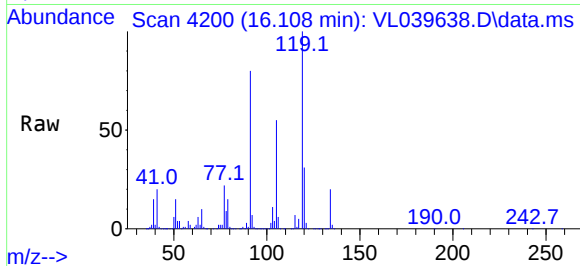




#65
tert-Butylbenzene
Concen: 7.164 ppbv
RT: 16.108 min Scan# 4179
Delta R.T. 0.014 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

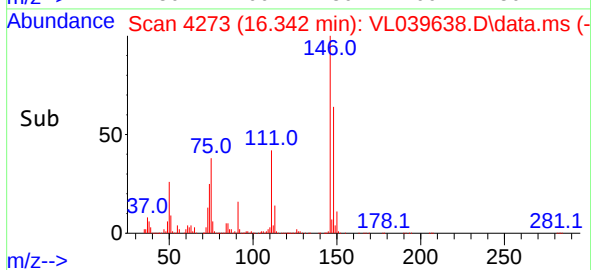
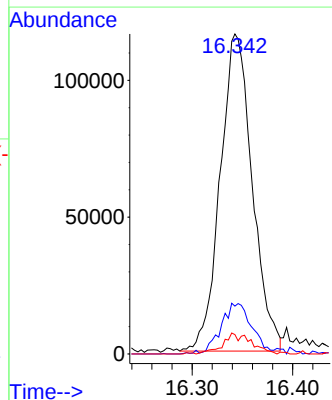
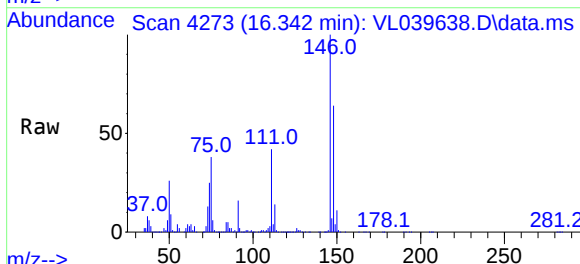
Instrument :
MSVOA_1
ClientSampleId :
VL0921ABS01

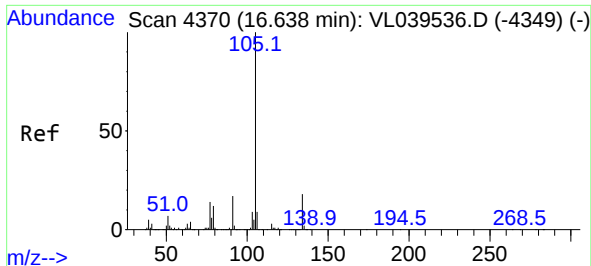
Tgt Ion:119 Resp: 3302836
Ion Ratio Lower Upper
119 100
91 80.6 63.4 95.2
134 19.7 15.9 23.9



#66
Benzyl Chloride
Concen: 6.999 ppbv
RT: 16.342 min Scan# 4273
Delta R.T. 0.007 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

Tgt Ion: 91 Resp: 256898
Ion Ratio Lower Upper
91 100
126 16.6 13.1 19.7
128 6.0 4.4 6.6

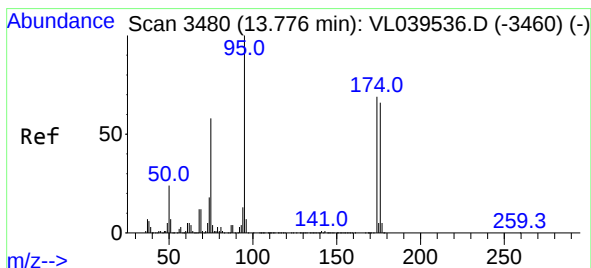
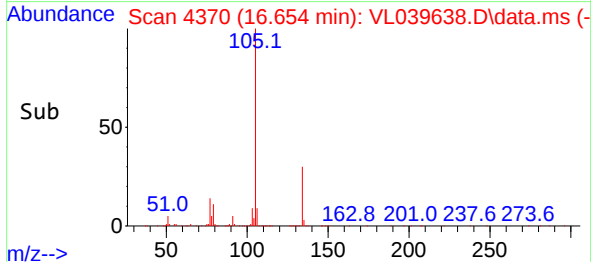
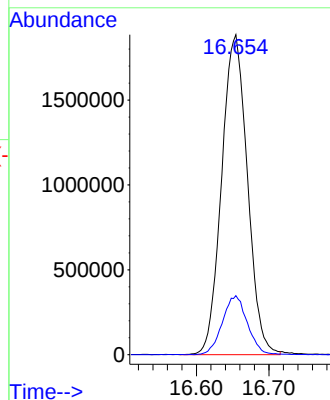
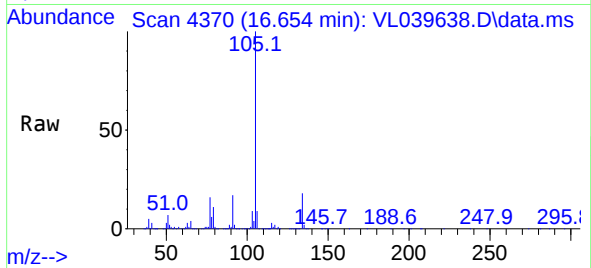




#67
 sec-Butylbenzene
 Concen: 7.193 ppbv
 RT: 16.654 min Scan# 41
 Delta R.T. 0.017 min
 Lab File: VL039638.D
 Acq: 21 Sep 2022 16:59

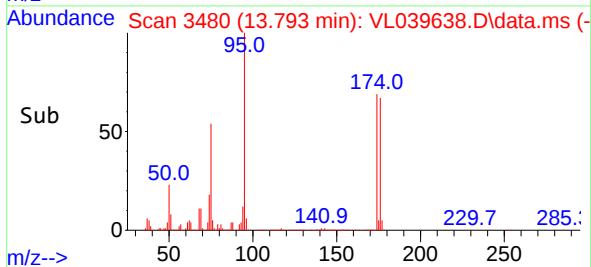
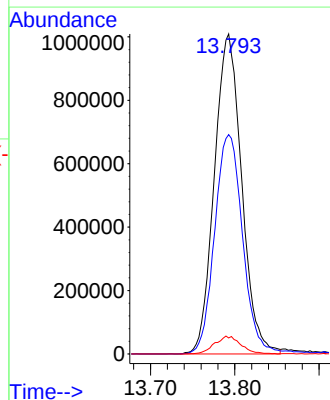
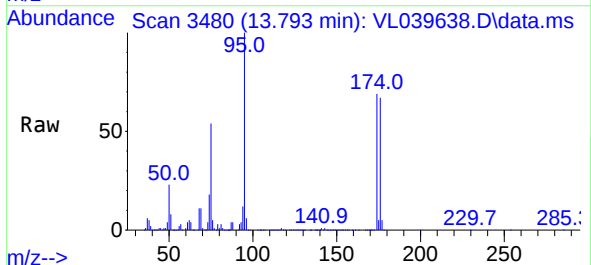
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0921ABS01

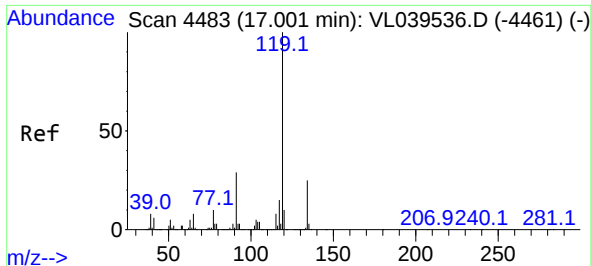
Tgt Ion:105 Resp: 4651554
 Ion Ratio Lower Upper
 105 100
 134 18.0 14.8 22.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.605 ppbv
 RT: 13.793 min Scan# 3480
 Delta R.T. 0.017 min
 Lab File: VL039638.D
 Acq: 21 Sep 2022 16:59

Tgt Ion: 95 Resp: 2273362
 Ion Ratio Lower Upper
 95 100
 174 71.1 55.9 83.9
 175 5.4 4.2 6.4

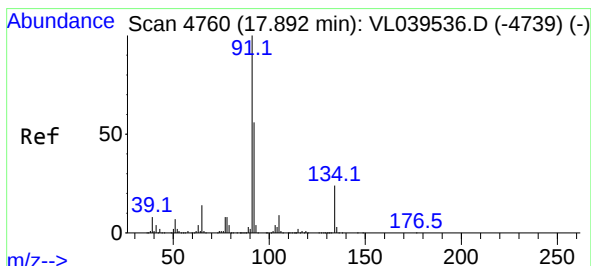
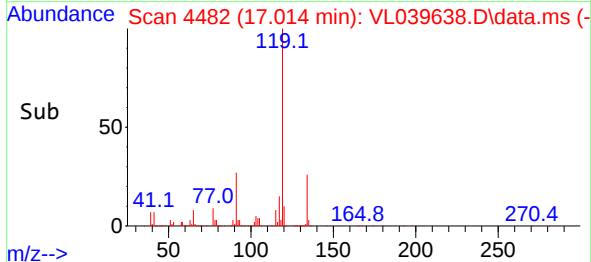
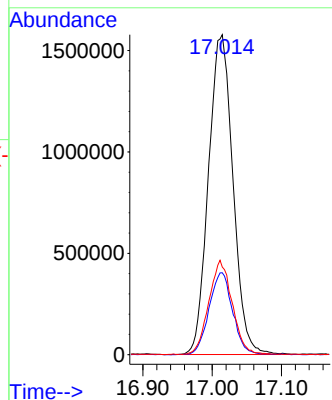
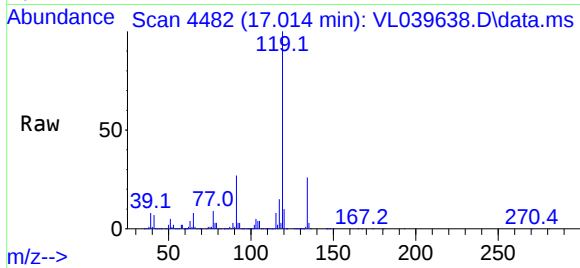




#69
p-Isopropyltoluene
Concen: 7.298 ppbv
RT: 17.014 min Scan# 4482
Delta R.T. 0.014 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

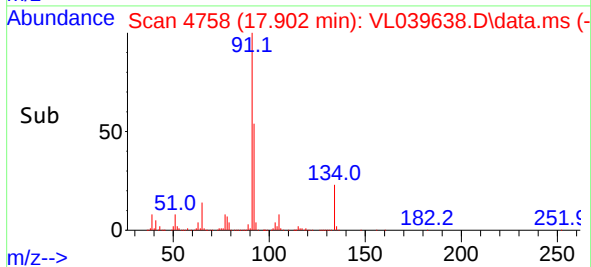
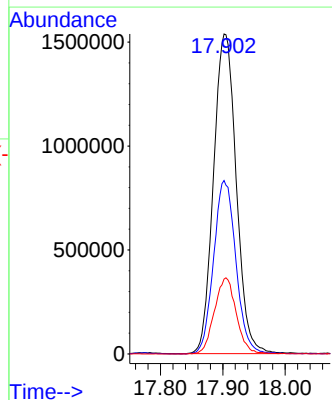
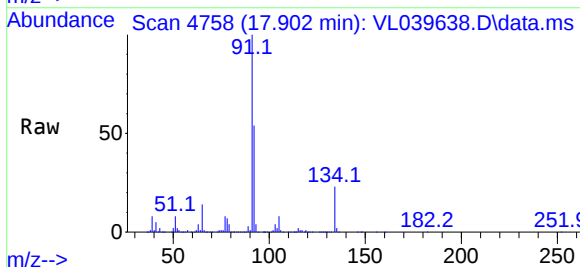
Instrument :
MSVOA_L
ClientSampleId :
VL0921ABS01

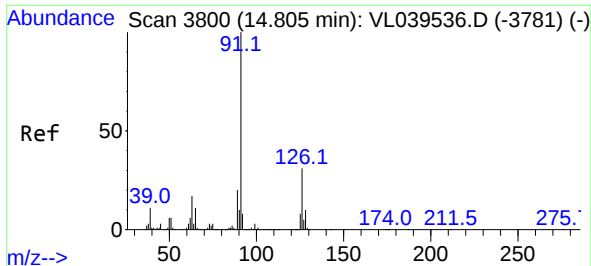
Tgt Ion:119 Resp: 3877603
Ion Ratio Lower Upper
119 100
134 24.8 20.3 30.5
91 28.2 22.9 34.3



#70
n-Butylbenzene
Concen: 7.477 ppbv
RT: 17.902 min Scan# 4758
Delta R.T. 0.010 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

Tgt Ion: 91 Resp: 3894361
Ion Ratio Lower Upper
91 100
92 53.3 43.4 65.2
134 23.0 18.9 28.3

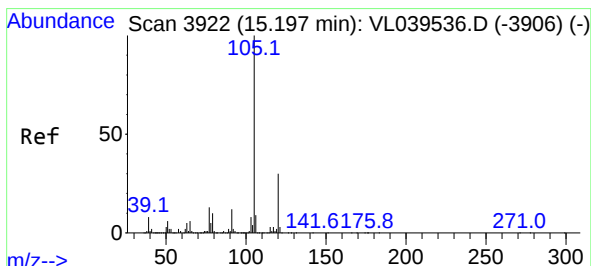
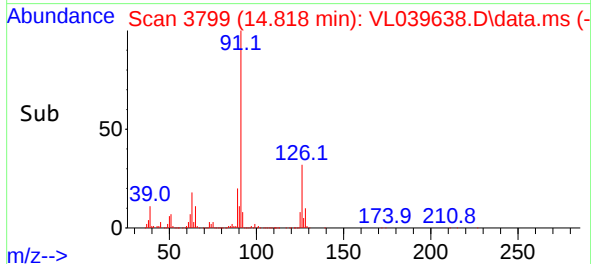
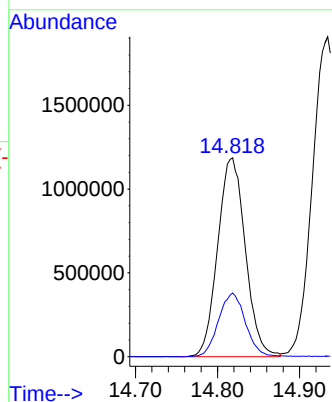
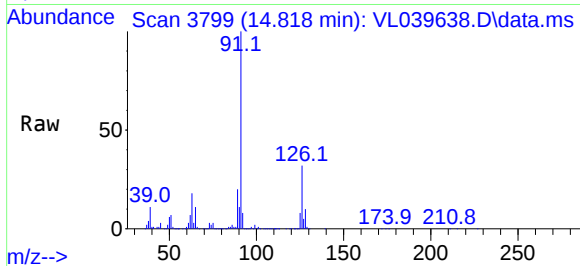




#71
2-Chlorotoluene
Concen: 7.367 ppbv
RT: 14.818 min Scan# 31
Delta R.T. 0.014 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

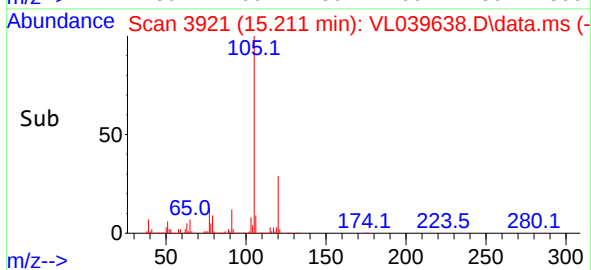
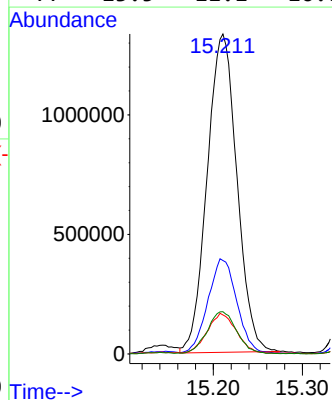
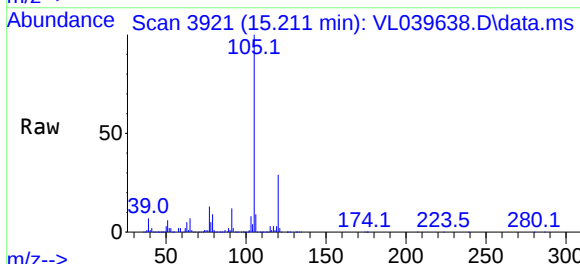
Instrument :
MSVOA_L
ClientSampleId :
VL0921ABS01

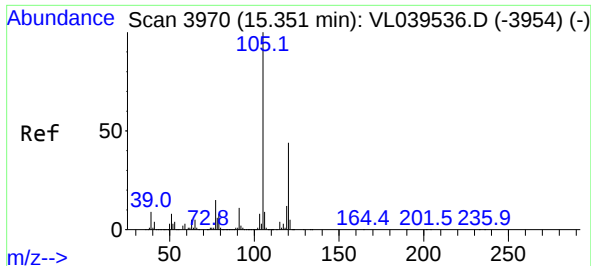
Tgt Ion: 91 Resp: 2775479
Ion Ratio Lower Upper
91 100
126 31.5 13.0 51.8



#72
4-Ethyltoluene
Concen: 7.791 ppbv
RT: 15.211 min Scan# 3921
Delta R.T. 0.014 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

Tgt Ion: 105 Resp: 3084283
Ion Ratio Lower Upper
105 100
120 30.4 24.2 36.2
91 12.5 10.2 15.4
77 13.5 11.1 16.7

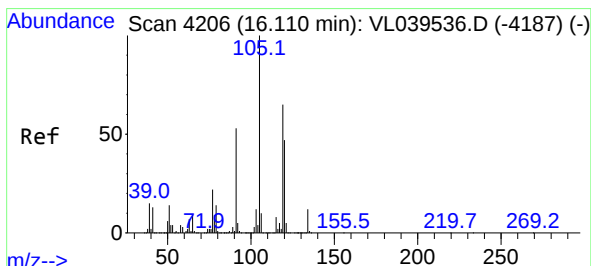
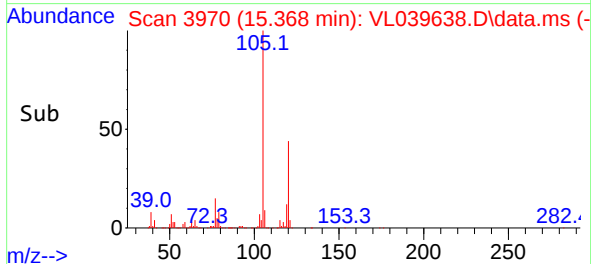
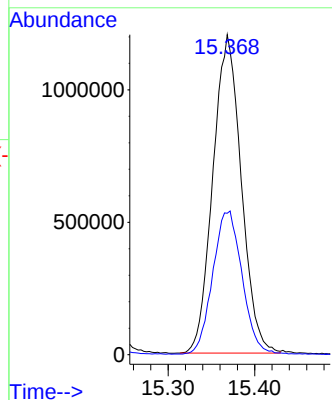
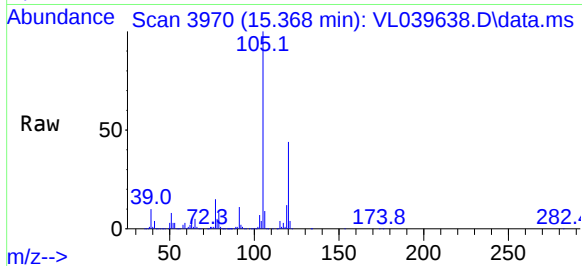




#73
 1,3,5-Trimethylbenzene
 Concen: 7.549 ppbv
 RT: 15.368 min Scan# 3970
 Delta R.T. 0.017 min
 Lab File: VL039638.D
 Acq: 21 Sep 2022 16:59

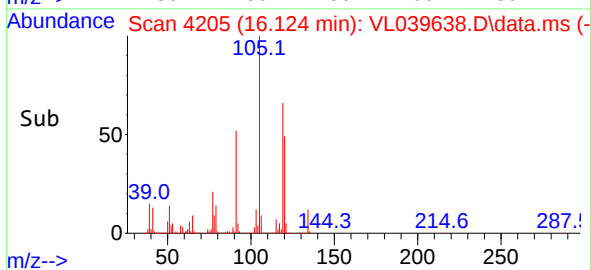
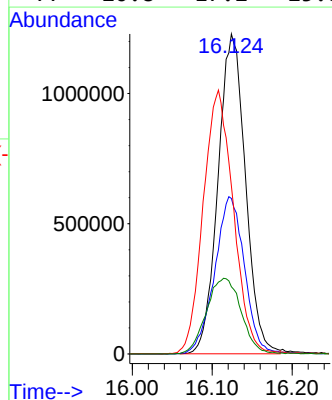
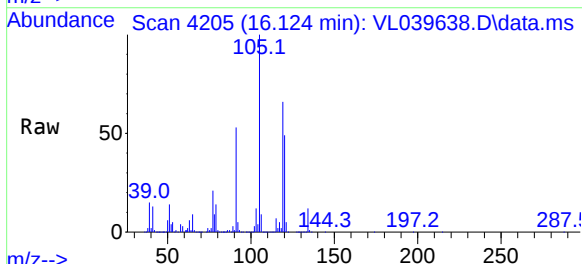
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0921ABS01

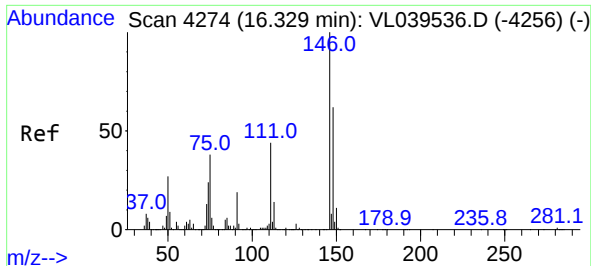
Tgt Ion:105 Resp: 2734651
 Ion Ratio Lower Upper
 105 100
 120 44.2 38.2 57.4



#74
 1,2,4-Trimethylbenzene
 Concen: 7.187 ppbv
 RT: 16.124 min Scan# 4205
 Delta R.T. 0.014 min
 Lab File: VL039638.D
 Acq: 21 Sep 2022 16:59

Tgt Ion:105 Resp: 2918382
 Ion Ratio Lower Upper
 105 100
 120 48.5 39.5 59.3
 91 52.0 39.2 58.8
 77 20.8 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 7.223 ppbv

RT: 16.346 min Scan# 4318

Delta R.T. 0.017 min

Lab File: VL039638.D

Acq: 21 Sep 2022 16:59

Instrument :

MSVOA_L

ClientSampleId :

VL0921ABS01

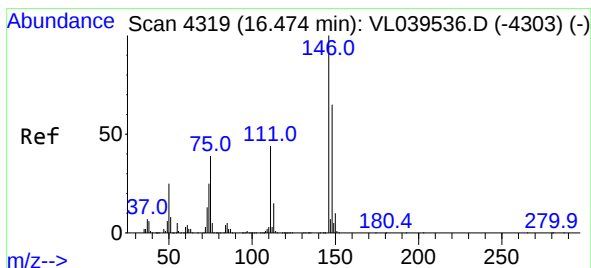
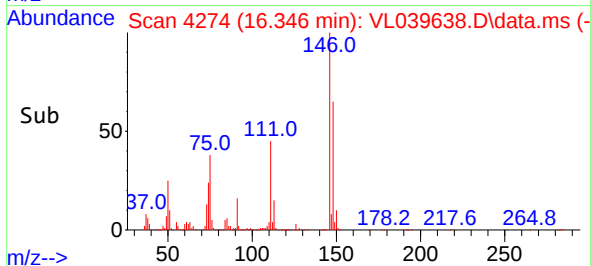
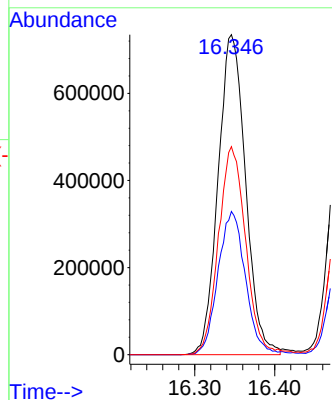
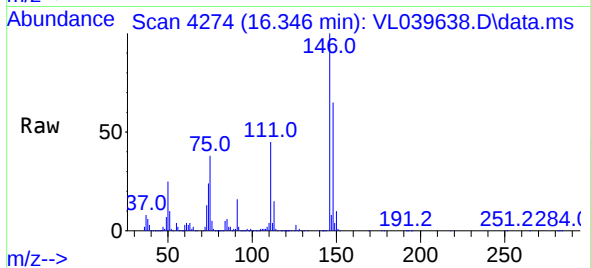
Tgt Ion:146 Resp: 1750088

Ion Ratio Lower Upper

146 100

111 45.1 22.9 68.7

148 64.9 32.1 96.5



#76

1,4-Dichlorobenzene

Concen: 7.005 ppbv

RT: 16.487 min Scan# 4318

Delta R.T. 0.014 min

Lab File: VL039638.D

Acq: 21 Sep 2022 16:59

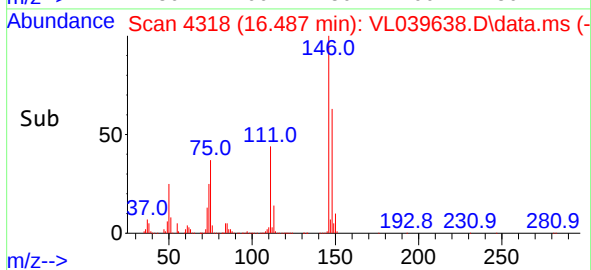
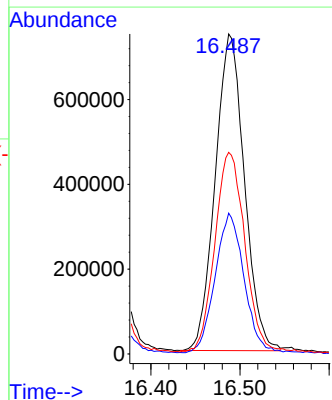
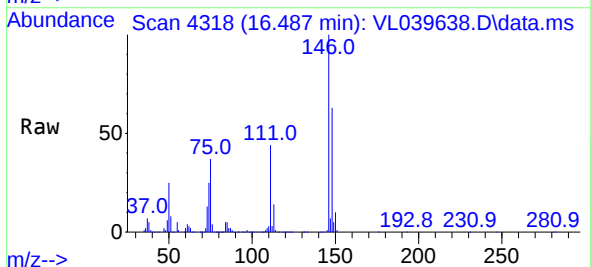
Tgt Ion:146 Resp: 1697977

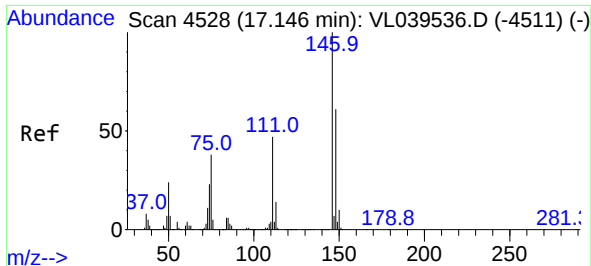
Ion Ratio Lower Upper

146 100

111 45.5 22.9 68.8

148 67.6 33.6 100.8

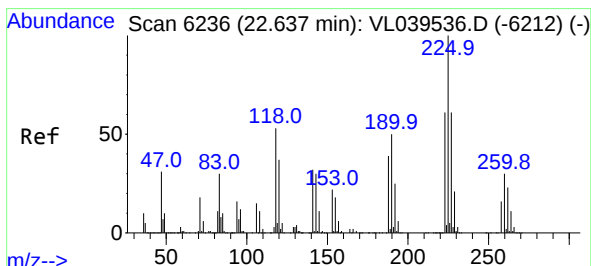
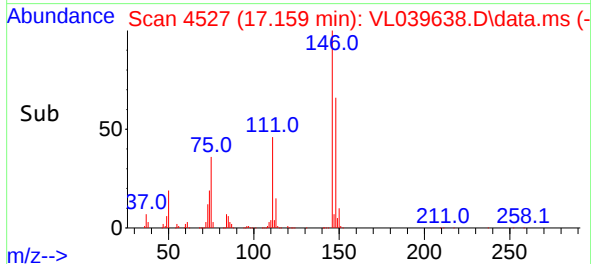
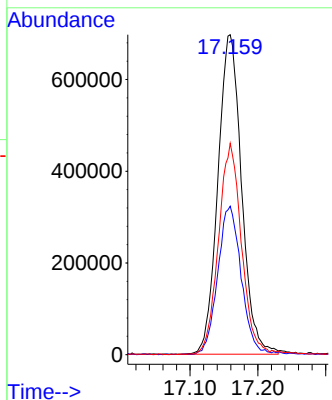
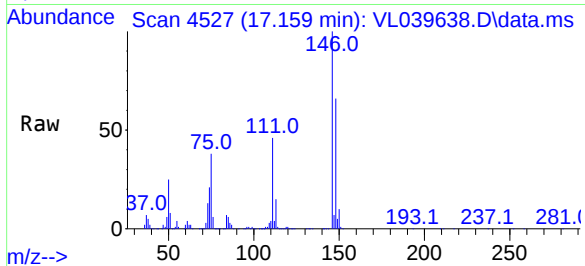




#77
1,2-Dichlorobenzene
Concen: 7.159 ppbv
RT: 17.159 min Scan# 41
Delta R.T. 0.014 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

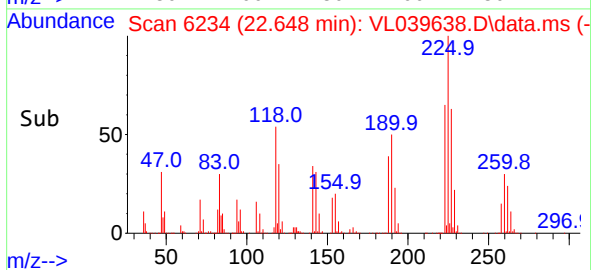
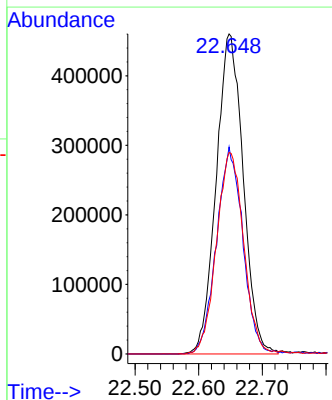
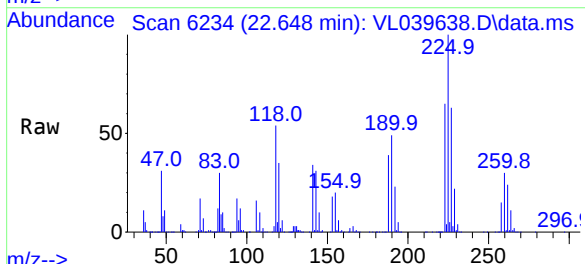
Instrument :
MSVOA_L
ClientSampleId :
VL0921ABS01

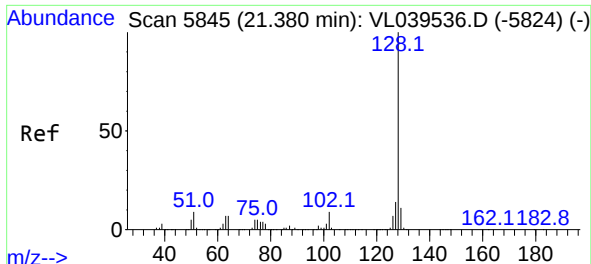
Tgt Ion:146 Resp: 1691424
Ion Ratio Lower Upper
146 100
111 46.5 23.8 71.5
148 64.7 32.3 96.8



#78
Hexachloro-1,3-Butadiene
Concen: 7.511 ppbv
RT: 22.648 min Scan# 6234
Delta R.T. 0.010 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

Tgt Ion:225 Resp: 1356049
Ion Ratio Lower Upper
225 100
223 63.3 51.8 77.6
227 63.8 51.4 77.2

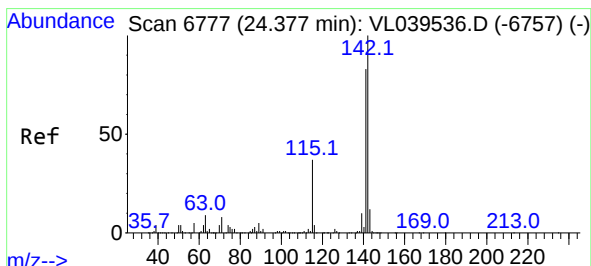
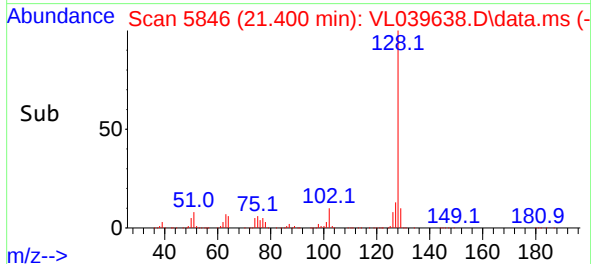
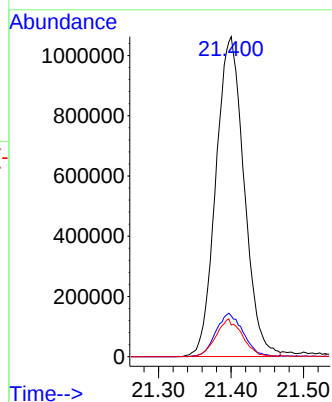
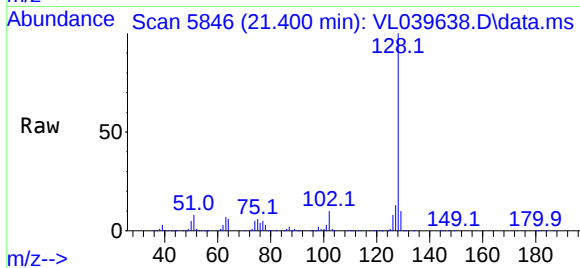




#79
Naphthalene
Concen: 10.700 ppbv
RT: 21.400 min Scan# 5846
Delta R.T. 0.020 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

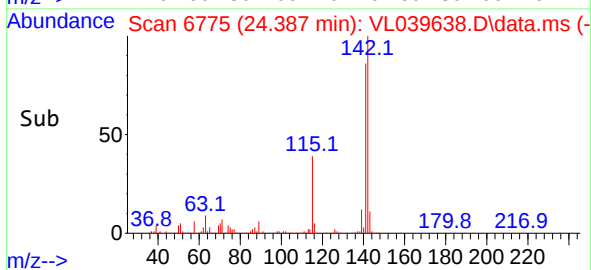
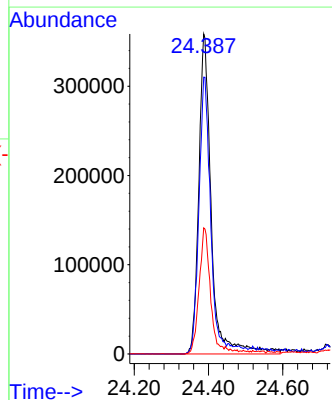
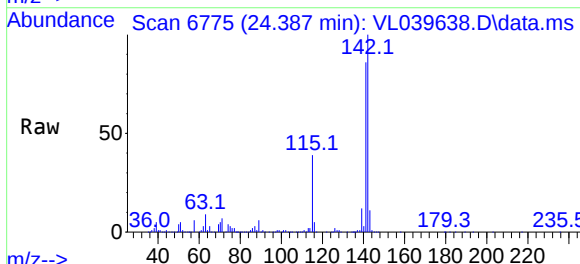
Instrument :
MSVOA_1
ClientSampleId :
VL0921ABS01

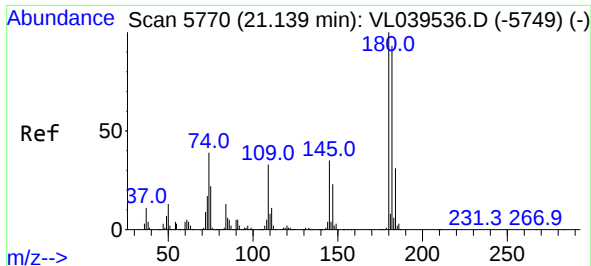
Tgt Ion:128 Resp: 2867399
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 9.9 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 8.306 ppbv
RT: 24.387 min Scan# 6775
Delta R.T. 0.010 min
Lab File: VL039638.D
Acq: 21 Sep 2022 16:59

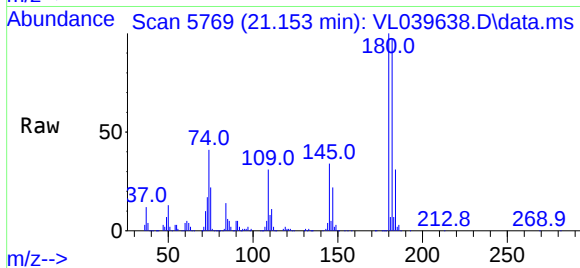
Tgt Ion:142 Resp: 836888
Ion Ratio Lower Upper
142 100
141 83.8 68.9 103.3
115 37.2 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 9.072 ppbv
 RT: 21.153 min Scan# 51
 Delta R.T. 0.014 min
 Lab File: VL039638.D
 Acq: 21 Sep 2022 16:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0921ABS01



Tgt Ion:180 Resp: 1596741

Ion	Ratio	Lower	Upper
180	100		
182	97.6	77.1	115.7
184	31.0	24.3	36.5

