

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081722\
 Data File : VL039556.D
 Acq On : 17 Aug 2022 20:15
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Aug 18 05:39:51 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 17 12:06:24 2022
 QLast Update : Wed Aug 17 12:06:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	1036520	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.665	114	2774994	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2625568m	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	2089606	10.572	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.751	85	1052674	7.556	ppbv	97
3) Chlorodifluoromethane	2.697	51	1115367	8.978	ppbv	99
4) Chloromethane	2.835	50	581202	7.824	ppbv	96
5) Vinyl Chloride	2.941	62	571267	8.919	ppbv	96
6) Bromomethane	3.141	94	217568	8.296	ppbv	88
7) Chloroethane	3.221	64	197235	8.649	ppbv	96
8) Dichlorotetrafluoroethane	2.880	85	1319618	8.821	ppbv	100
9) Propene	2.716	41	505755	8.937	ppbv	99
10) Heptane	7.590	43	1306525	9.939	ppbv	99
11) Trichlorofluoromethane	3.584	101	1359367	8.883	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.086	101	1034774	9.153	ppbv	96
13) Ethanol	3.263	45	36997m	9.084	ppbv	
14) Bromoethene	3.388	108	409934	8.874	ppbv	98
15) Acetone	3.488	43	1084788	9.264	ppbv	99
16) 1,3-Butadiene	3.009	39	561955	9.240	ppbv	100
17) tert-Butyl alcohol	3.896	59	990109	9.901	ppbv	100
18) 1,1-Dichloroethene	3.899	96	448569	8.801	ppbv	93
19) Isopropyl Alcohol	3.594	45	530323	9.266	ppbv #	100
20) Methylene Chloride	3.954	84	371282	7.787	ppbv	99
21) Allyl Chloride	4.015	41	678874	8.922	ppbv	99
22) trans-1,2-Dichloroethene	4.462	96	428866	8.469	ppbv	98
23) Vinyl Acetate	4.642	43	419312m	7.122	ppbv	
24) 1,1-Dichloroethane	4.581	63	934542	9.019	ppbv	99
25) Ethyl Acetate	5.221	43	2567491	10.283	ppbv	99
26) Hexane	5.227	57	940857	9.189	ppbv	89
27) Carbon Disulfide	4.144	76	1044326	9.560	ppbv	99
28) Methyl tert-Butyl Ether	4.607	73	780727	8.672	ppbv	100
29) Chloroform	5.288	83	1461402	9.119	ppbv	96
30) Cyclohexane	6.613	84	804596	9.463	ppbv #	100
31) cis-1,2-Dichloroethene	5.095	61	905311	9.144	ppbv	98
32) 1,1,1-Trichloroethane	6.015	97	1399500	9.311	ppbv	99
34) 2-Butanone	4.803	43	1333520	9.559	ppbv	99
35) Carbon Tetrachloride	6.504	117	1474216	9.443	ppbv	100
36) Benzene	6.382	78	2008447	9.496	ppbv	99
37) 1,2-Dichloroethane	5.822	62	1070669	9.112	ppbv	100
38) Trichloroethene	7.304	130	877814	7.640	ppbv	96
39) 1,2-Dichloropropane	7.086	63	766652	9.672	ppbv	99
40) 1,4-Dioxane	7.295	88	312934m	9.951	ppbv	
41) Tetrahydrofuran	5.571	42	823879	10.038	ppbv	98
42) Bromodichloromethane	7.263	83	1550410	9.655	ppbv	98
43) Methyl Methacrylate	7.488	69	832333	10.869	ppbv	100
44) 2,2,4-Trimethylpentane	7.340	57	3372511	9.465	ppbv	100
45) t-1,3-Dichloropropene	8.722	75	534809	7.941	ppbv	99

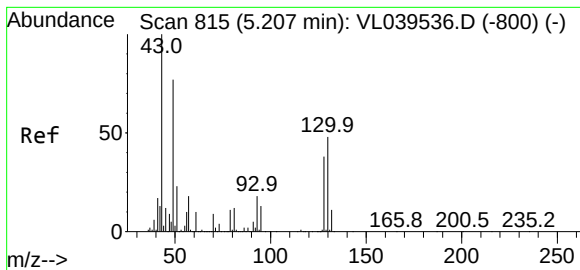
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081722\
 Data File : VL039556.D
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Instrument :
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Quant Time: Aug 18 05:39:51 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 17 12:06:24 2022
 QLast Update : Wed Aug 17 12:06:24 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	826363	8.917	ppbv	98
47) 1,1,2-Trichloroethane	8.909	97	844003	9.292	ppbv	98
48) Dibromochloromethane	9.719	129	1375682	10.187	ppbv	98
49) Bromoform	12.413	173	1177202	10.537	ppbv #	100
50) 4-Methyl-2-Pentanone	8.195	43	2183694	10.173	ppbv	100
51) 2-Hexanone	9.561	43	1680275	10.620	ppbv	100
52) Tetrachloroethene	10.623	164	779554	9.410	ppbv	97
53) Toluene	9.230	91	2380836	10.047	ppbv	100
54) 1,2-Dibromoethane	10.018	107	1098222	10.599	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.520	131	1064457	9.850	ppbv	94
57) Chlorobenzene	11.536	112	1820058	9.220	ppbv	99
58) Ethyl Benzene	12.098	91	3203056	10.535	ppbv	100
59) m/p-Xylene	12.381	91	5445207m	19.919	ppbv	
60) o-Xylene	13.066	91	2638196	10.066	ppbv	100
61) Styrene	12.905	104	1536891	10.992	ppbv	100
62) Isopropylbenzene	14.040	105	4077194	10.280	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.053	83	1694533	12.857	ppbv	99
64) n-propylbenzene	14.921	120	1073626	10.381	ppbv	100
65) tert-Butylbenzene	16.098	119	3681108	10.409	ppbv	100
66) Benzyl Chloride	16.336	91	194695m	6.416	ppbv	
67) sec-Butylbenzene	16.645	105	5165563	10.344	ppbv	100
69) p-Isopropyltoluene	17.005	119	4383173	10.536	ppbv	99
70) n-Butylbenzene	17.896	91	4460443	10.800	ppbv	99
71) 2-Chlorotoluene	14.806	91	3038315	10.571	ppbv	100
72) 4-Ethyltoluene	15.201	105	3210017	10.425	ppbv #	100
73) 1,3,5-Trimethylbenzene	15.359	105	2897412	10.303	ppbv	97
74) 1,2,4-Trimethylbenzene	16.118	105	3123958	9.963	ppbv	95
75) 1,3-Dichlorobenzene	16.339	146	1891625	9.931	ppbv	100
76) 1,4-Dichlorobenzene	16.481	146	1813676	9.508	ppbv	96
77) 1,2-Dichlorobenzene	17.150	146	1854587	9.936	ppbv	99
78) Hexachloro-1,3-Butadiene	22.641	225	1418446	9.567	ppbv #	100
79) Naphthalene	21.387	128	2732722	12.240	ppbv	100
80) Naphthalene,2-methyl-	24.381	142	825451	9.356	ppbv #	100
81) 1,2,4-Trichlorobenzene	21.146	180	1560056	10.483	ppbv #	100

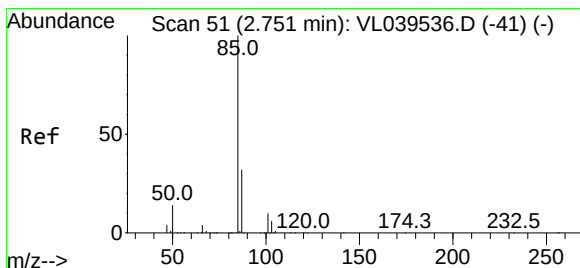
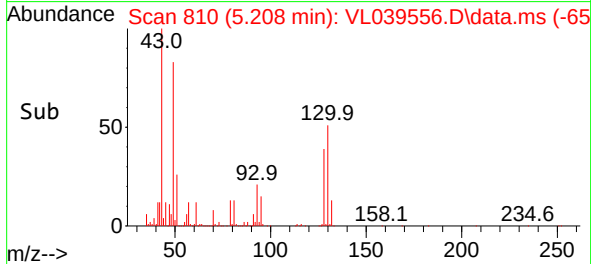
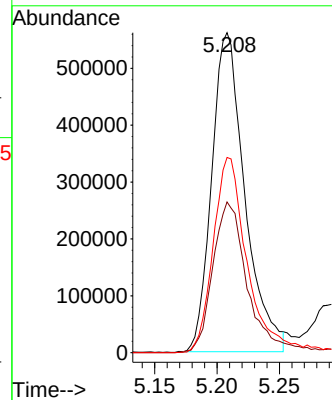
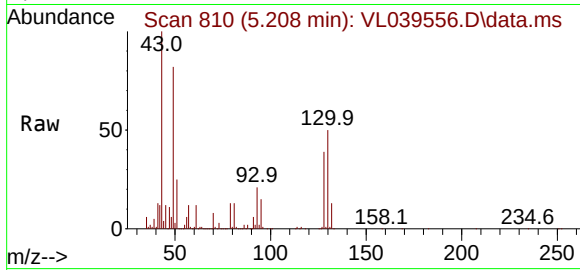
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.208 min Scan# 81
 Delta R.T. 0.001 min
 Lab File: VL039556.D
 Acq: 17 Aug 2022 20:15

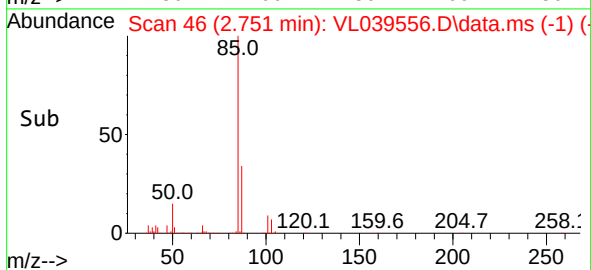
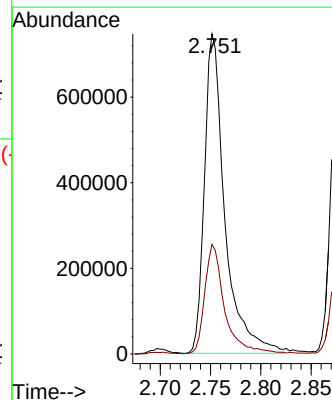
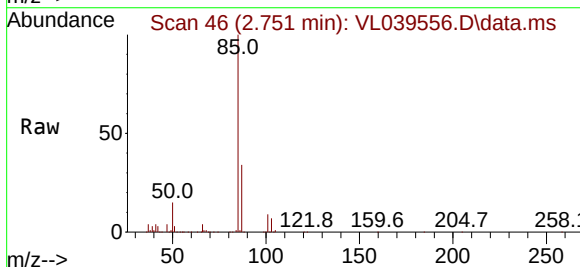
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

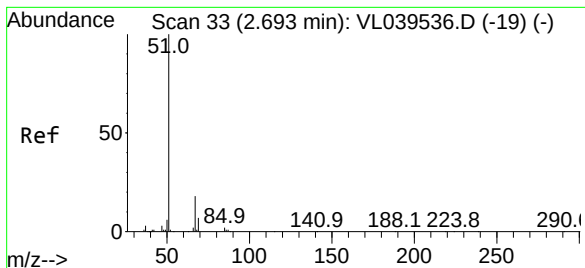
Tgt Ion: 49 Resp: 1036520
 Ion Ratio Lower Upper
 49 100
 128 50.1 25.7 77.0
 130 65.0 31.6 95.0



#2
 Dichlorodifluoromethane
 Concen: 7.556 ppbv
 RT: 2.751 min Scan# 46
 Delta R.T. 0.001 min
 Lab File: VL039556.D
 Acq: 17 Aug 2022 20:15

Tgt Ion: 85 Resp: 1052674
 Ion Ratio Lower Upper
 85 100
 87 34.2 25.9 38.9

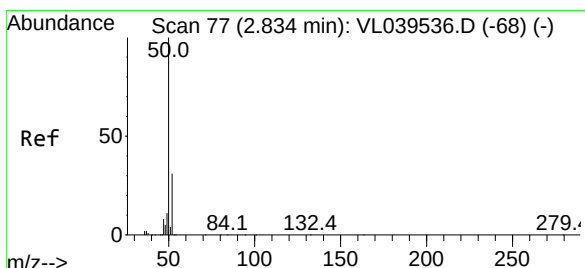
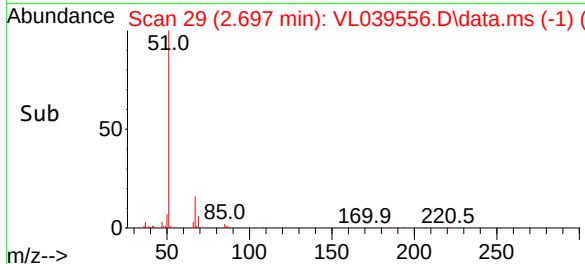
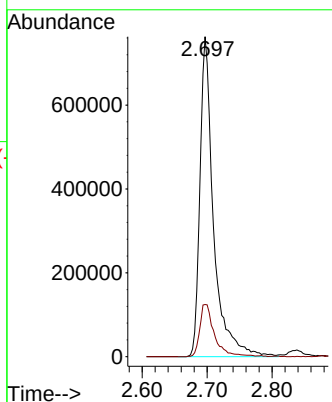
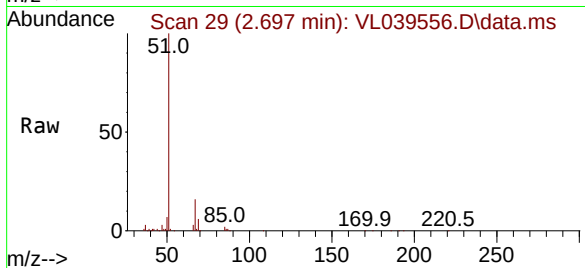




#3
Chlorodifluoromethane
Concen: 8.978 ppbv
RT: 2.697 min Scan# 24
Delta R.T. 0.004 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

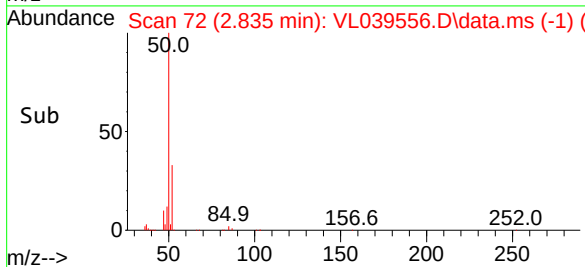
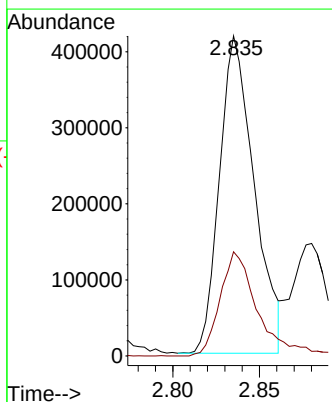
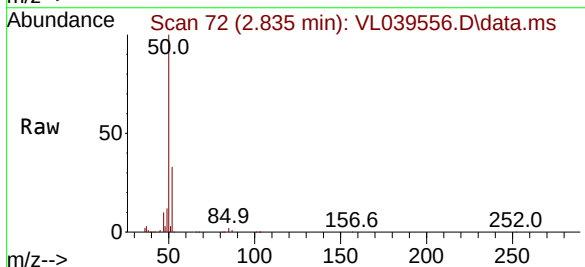
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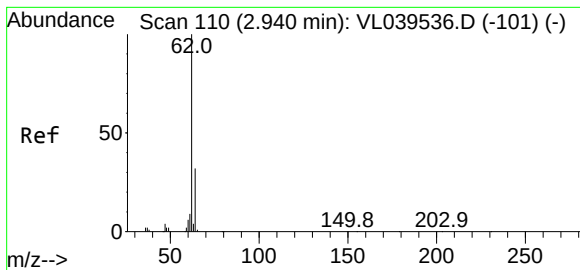
Tgt Ion: 51 Resp: 1115367
Ion Ratio Lower Upper
51 100
67 17.9 14.7 22.1



#4
Chloromethane
Concen: 7.824 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.001 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

Tgt Ion: 50 Resp: 581202
Ion Ratio Lower Upper
50 100
52 32.8 24.3 36.5

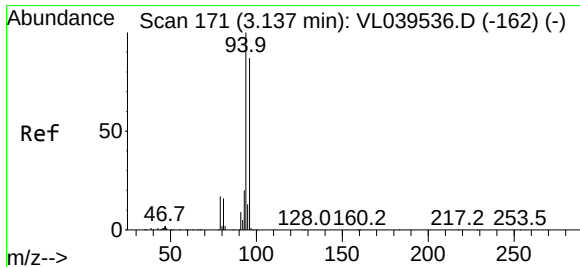
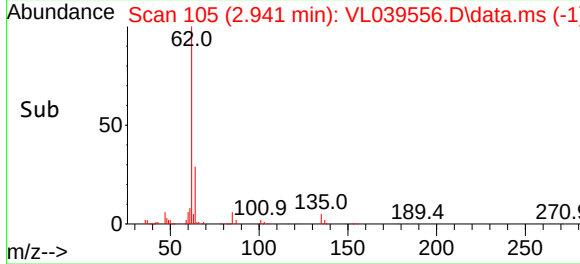
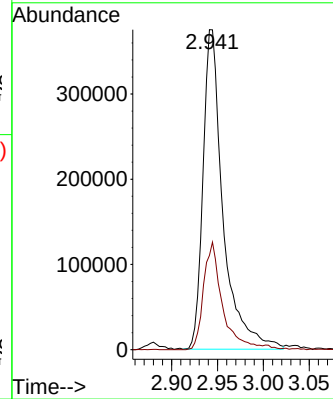
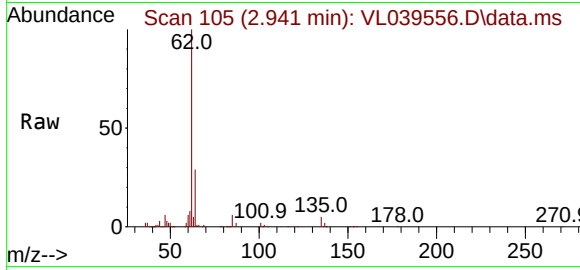




#5
 Vinyl Chloride
 Concen: 8.919 ppbv
 RT: 2.941 min Scan# 105
 Delta R.T. 0.001 min
 Lab File: VL039556.D
 Acq: 17 Aug 2022 20:15

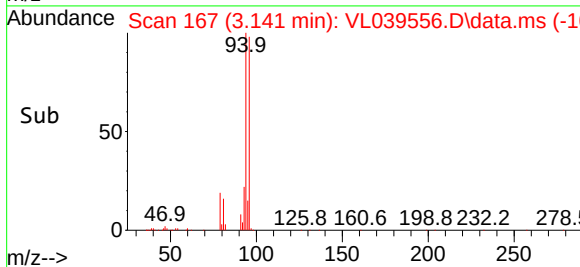
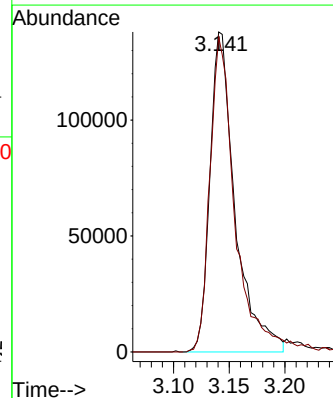
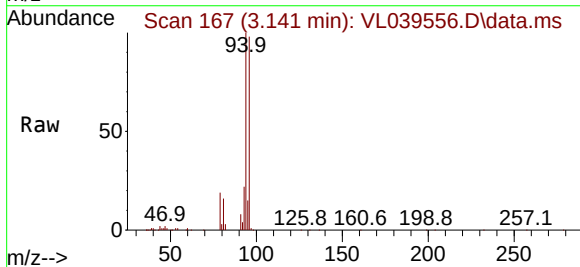
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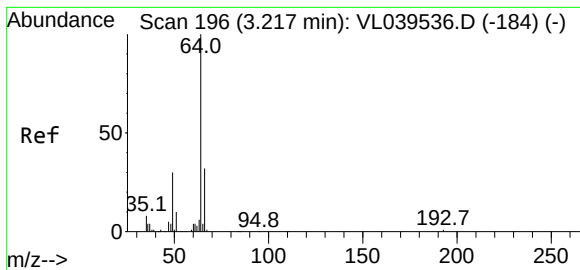
Tgt Ion: 62 Resp: 571267
 Ion Ratio Lower Upper
 62 100
 64 29.5 25.5 38.3



#6
 Bromomethane
 Concen: 8.296 ppbv
 RT: 3.141 min Scan# 167
 Delta R.T. 0.004 min
 Lab File: VL039556.D
 Acq: 17 Aug 2022 20:15

Tgt Ion: 94 Resp: 217568
 Ion Ratio Lower Upper
 94 100
 96 98.3 69.8 104.6

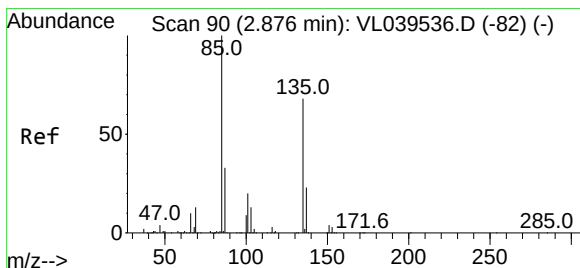
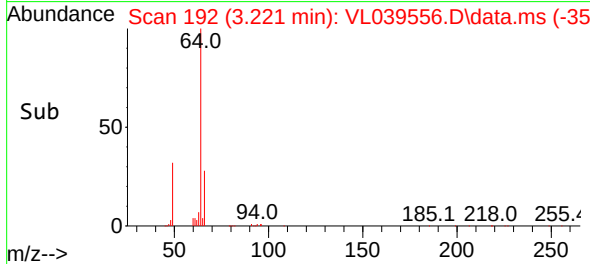
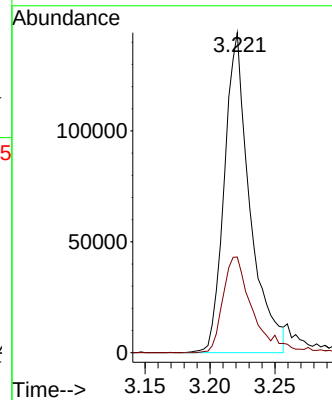
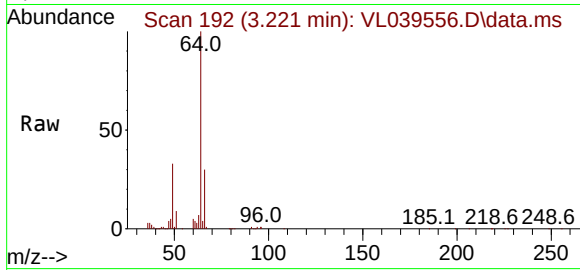




#7
Chloroethane
Concen: 8.649 ppbv
RT: 3.221 min Scan# 196
Delta R.T. 0.004 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

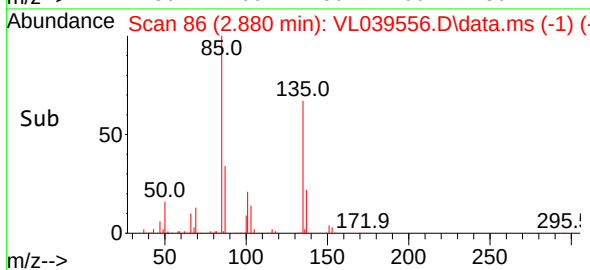
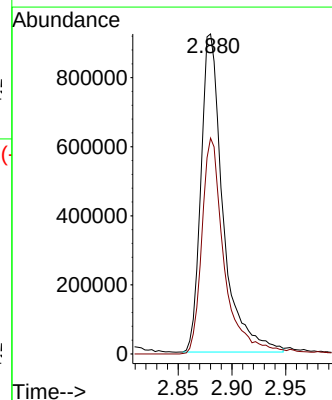
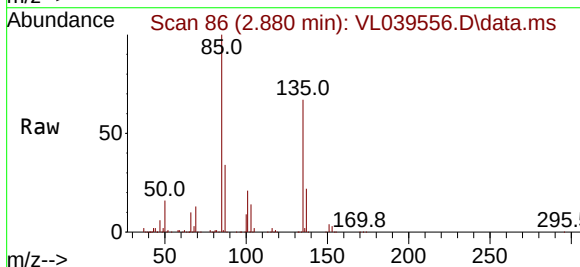
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

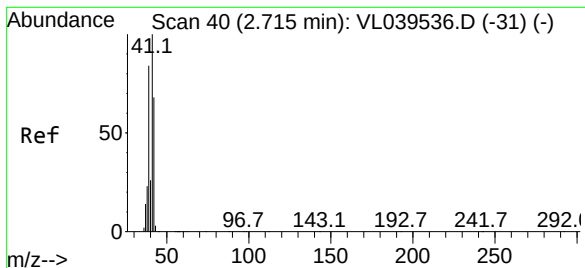
Tgt Ion: 64 Resp: 197235
Ion Ratio Lower Upper
64 100
66 29.9 25.6 38.4



#8
Dichlorotetrafluoroethane
Concen: 8.821 ppbv
RT: 2.880 min Scan# 86
Delta R.T. 0.004 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

Tgt Ion: 85 Resp: 1319618
Ion Ratio Lower Upper
85 100
135 70.1 56.3 84.5





#9

Propene

Concen: 8.937 ppbv

RT: 2.716 min Scan# 31

Delta R.T. 0.001 min

Lab File: VL039556.D

Acq: 17 Aug 2022 20:15

Instrument :

MSVOA_L

ClientSampleId :

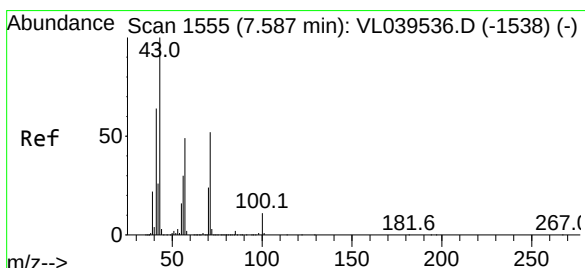
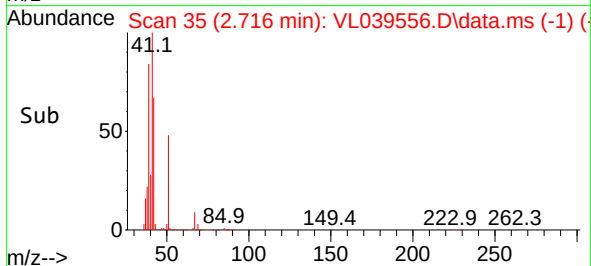
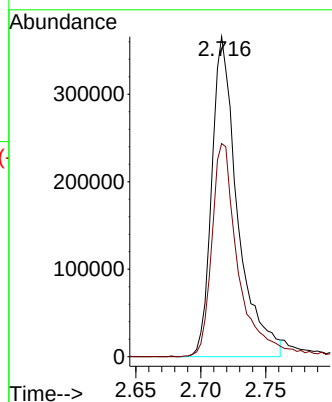
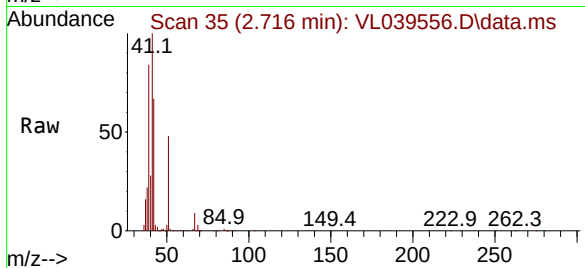
VSTDCCC010EC

Tgt Ion: 41 Resp: 505755

Ion Ratio Lower Upper

41 100

42 70.3 55.4 83.0



#10

Heptane

Concen: 9.939 ppbv

RT: 7.590 min Scan# 1551

Delta R.T. 0.004 min

Lab File: VL039556.D

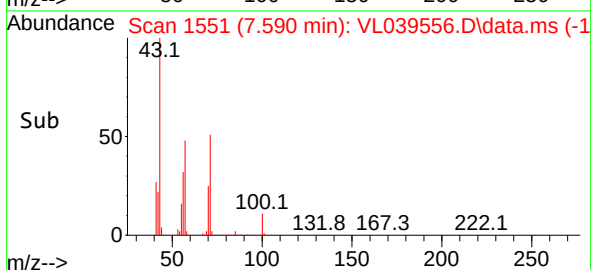
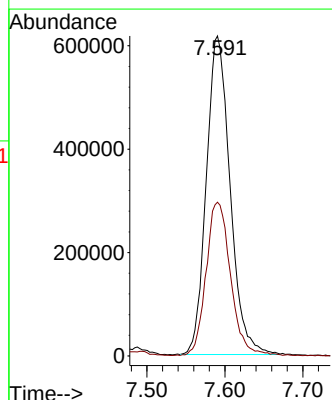
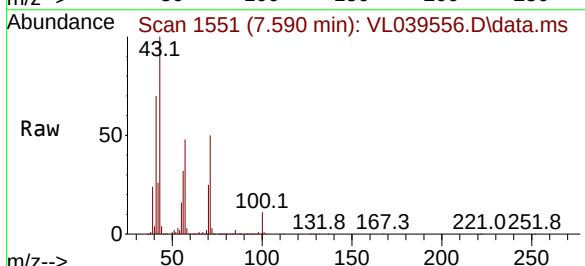
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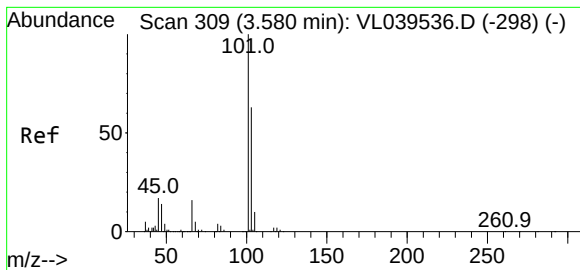
Tgt Ion: 43 Resp: 1306525

Ion Ratio Lower Upper

43 100

57 50.5 39.8 59.6

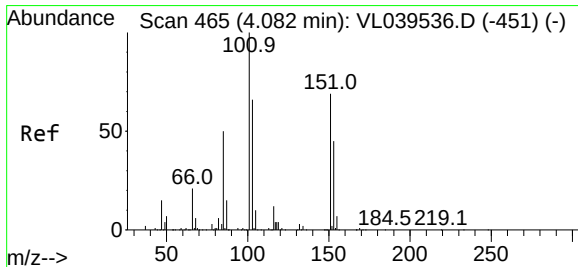
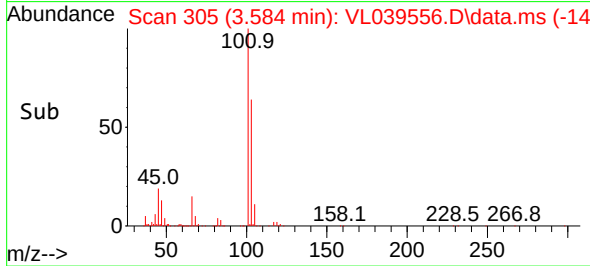
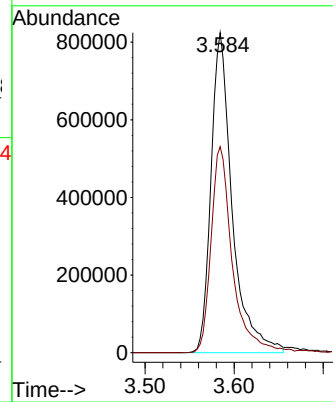
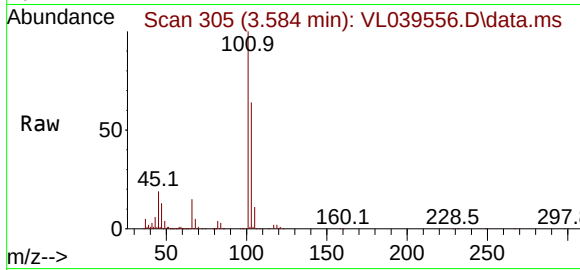




#11
 Trichlorofluoromethane
 Concen: 8.883 ppbv
 RT: 3.584 min Scan# 309
 Delta R.T. 0.004 min
 Lab File: VL039556.D
 Acq: 17 Aug 2022 20:15

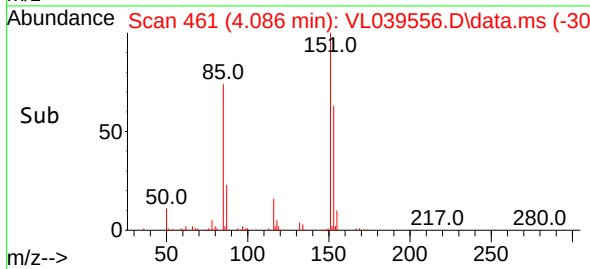
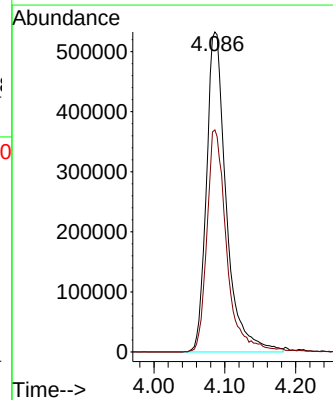
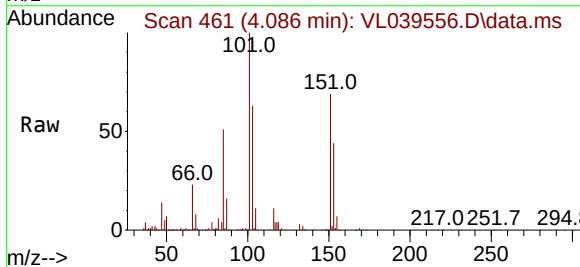
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 ClientSampleId :
 VSTDCCC010EC

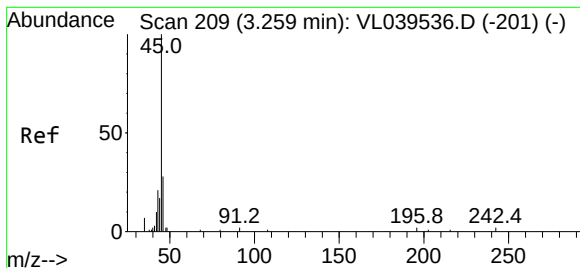
Tgt Ion:101 Resp: 1359367
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.6 76.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.153 ppbv
 RT: 4.086 min Scan# 461
 Delta R.T. 0.004 min
 Lab File: VL039556.D
 Acq: 17 Aug 2022 20:15

Tgt Ion:101 Resp: 1034774
 Ion Ratio Lower Upper
 101 100
 151 69.5 58.6 87.8





#13

Ethanol

Concen: 9.084 ppbv

RT: 3.263 min Scan# 209

Delta R.T. 0.004 min

Lab File: VL039556.D

Acq: 17 Aug 2022 20:15

Instrument :

MSVOA_L

ClientSampleId :

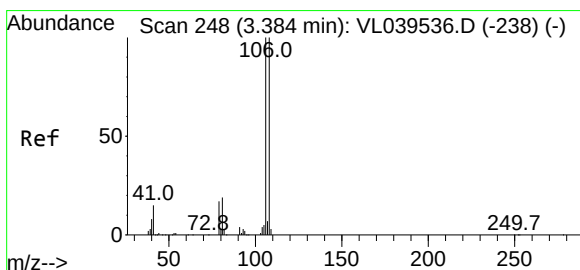
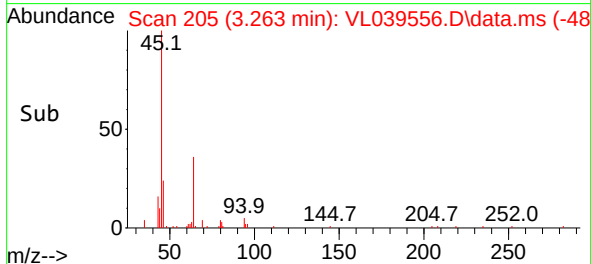
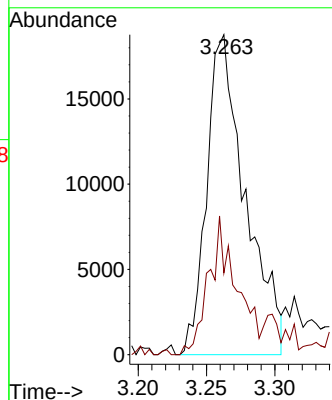
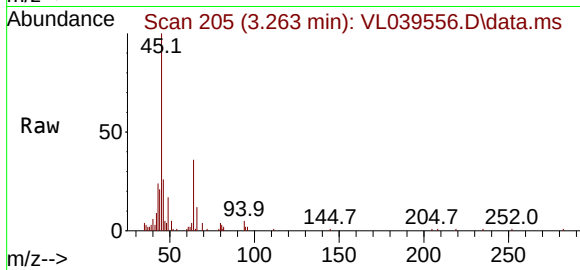
VSTDCCC010EC

Tgt Ion: 45 Resp: 36997

Ion Ratio Lower Upper

45 100

46 40.8 19.3 77.1



#14

Bromoethene

Concen: 8.874 ppbv

RT: 3.388 min Scan# 244

Delta R.T. 0.004 min

Lab File: VL039556.D

Acq: 17 Aug 2022 20:15

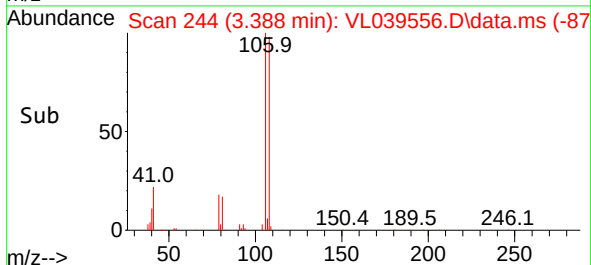
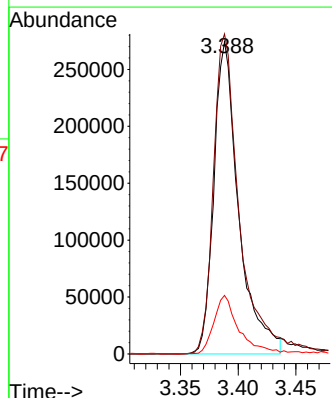
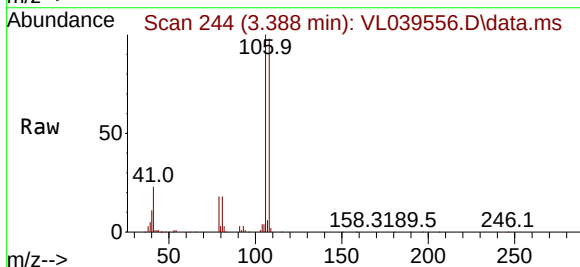
Tgt Ion: 108 Resp: 409934

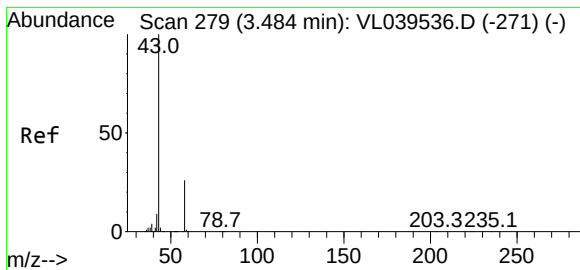
Ion Ratio Lower Upper

108 100

106 110.7 86.6 130.0

79 19.9 15.1 22.7

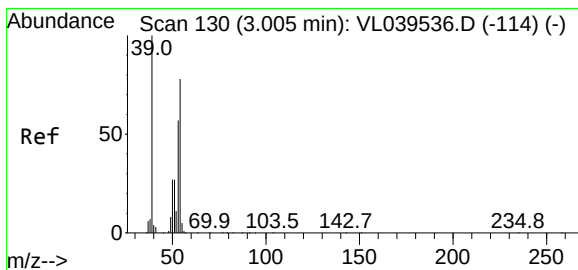
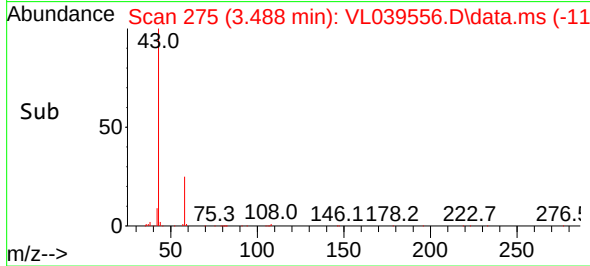
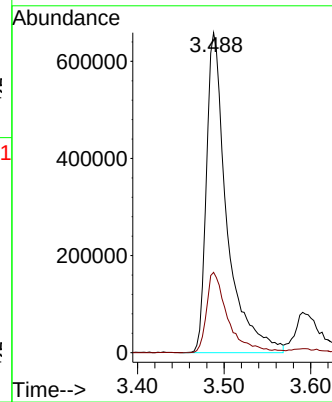
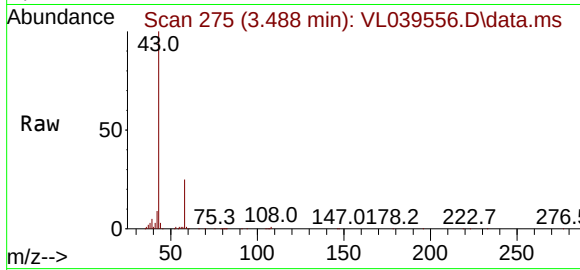




#15
Acetone
Concen: 9.264 ppbv
RT: 3.488 min Scan# 21
Delta R.T. 0.004 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

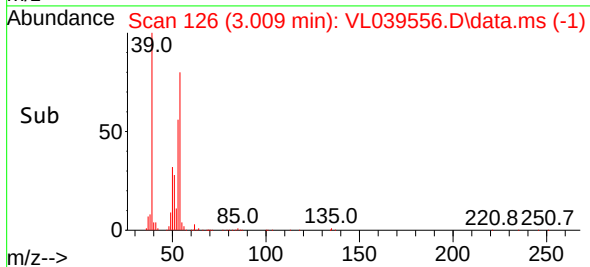
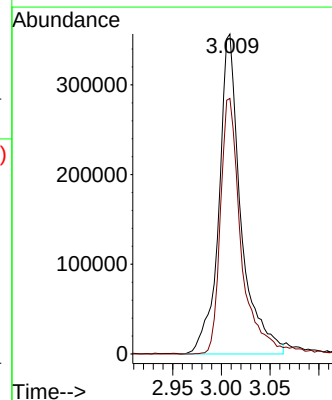
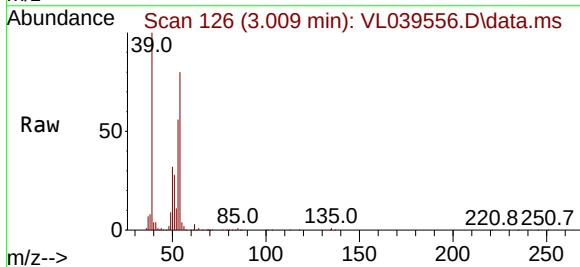
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

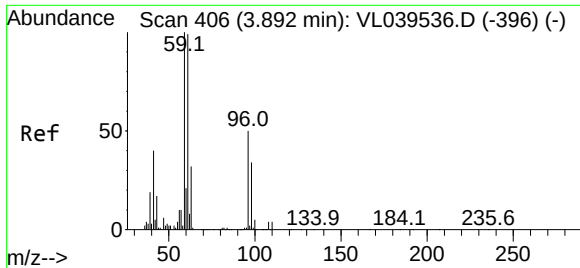
Tgt Ion: 43 Resp: 1084788
Ion Ratio Lower Upper
43 100
58 26.3 20.7 31.1



#16
1,3-Butadiene
Concen: 9.240 ppbv
RT: 3.009 min Scan# 126
Delta R.T. 0.004 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

Tgt Ion: 39 Resp: 561955
Ion Ratio Lower Upper
39 100
54 77.0 61.8 92.8

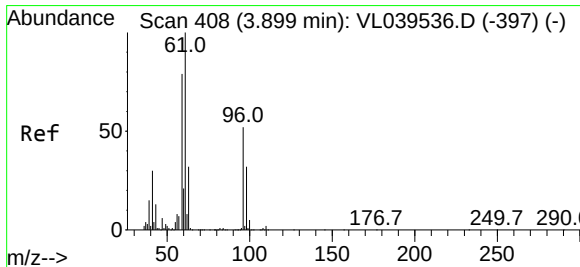
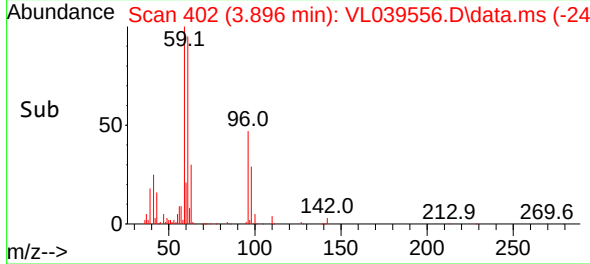
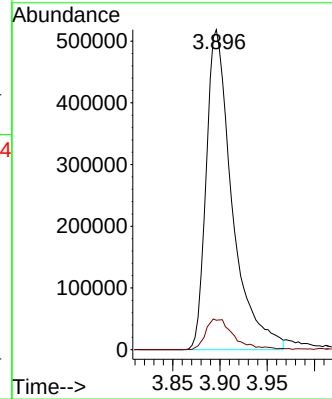
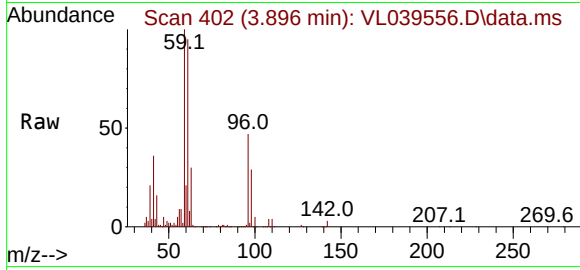




#17
 tert-Butyl alcohol
 Concen: 9.901 ppbv
 RT: 3.896 min Scan# 406
 Delta R.T. 0.004 min
 Lab File: VL039556.D
 Acq: 17 Aug 2022 20:15

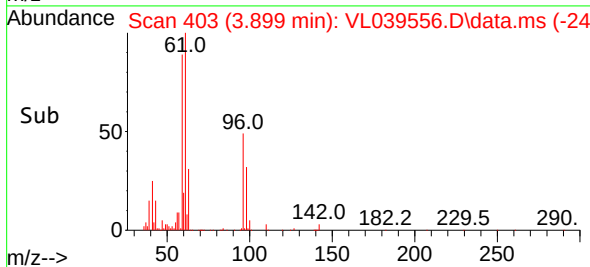
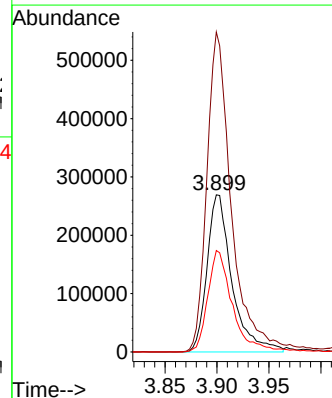
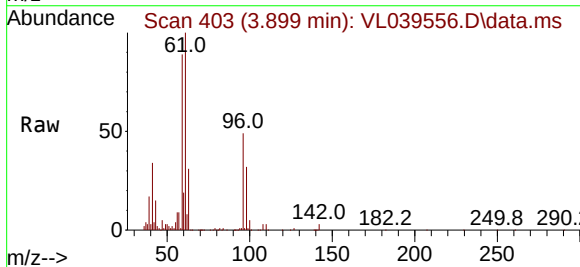
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

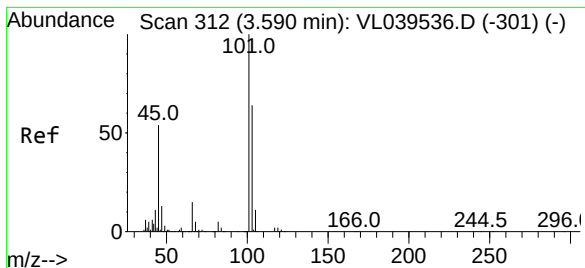
Tgt Ion: 59 Resp: 990109
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.6 12.8



#18
 1,1-Dichloroethene
 Concen: 8.801 ppbv
 RT: 3.899 min Scan# 403
 Delta R.T. 0.001 min
 Lab File: VL039556.D
 Acq: 17 Aug 2022 20:15

Tgt Ion: 96 Resp: 448569
 Ion Ratio Lower Upper
 96 100
 61 203.4 153.8 230.6
 98 64.6 48.6 73.0

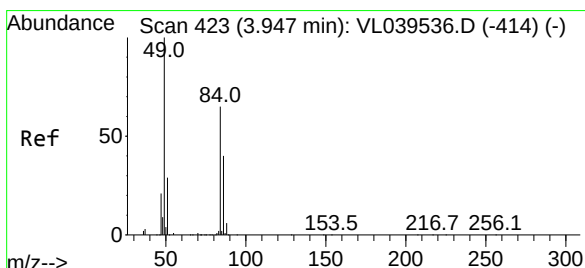
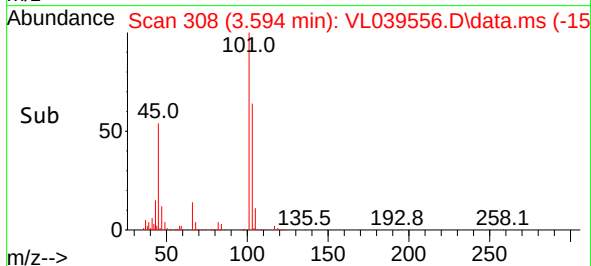
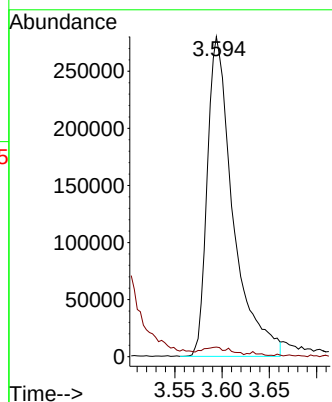
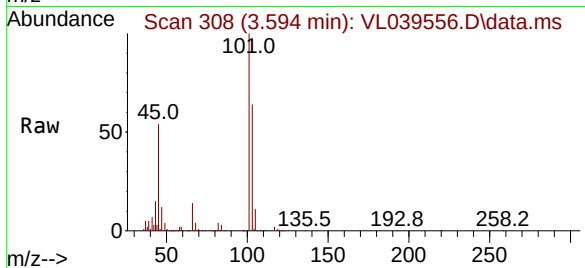




#19
Isopropyl Alcohol
Concen: 9.266 ppbv
RT: 3.594 min Scan# 308
Delta R.T. 0.004 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

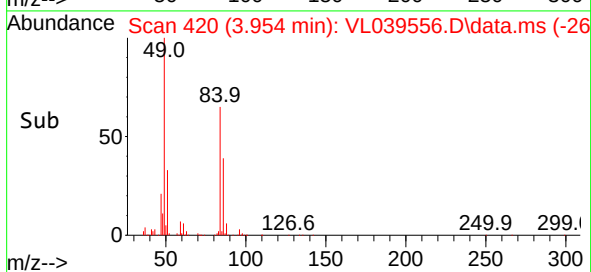
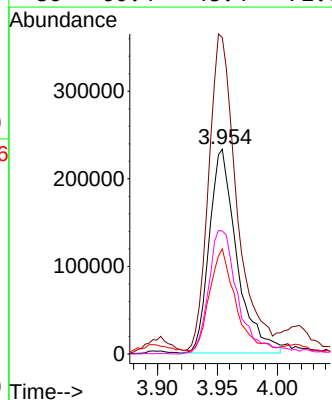
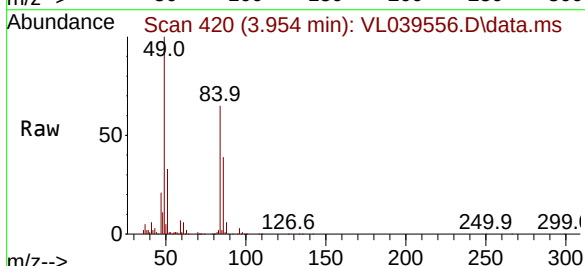
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

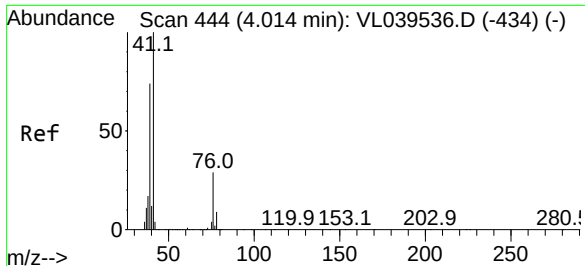
Tgt Ion: 45 Resp: 530323
Ion Ratio Lower Upper
45 100
58 4.4 0.0 0.0#



#20
Methylene Chloride
Concen: 7.787 ppbv
RT: 3.954 min Scan# 420
Delta R.T. 0.007 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

Tgt Ion: 84 Resp: 371282
Ion Ratio Lower Upper
84 100
49 153.2 122.2 183.4
51 49.2 35.8 53.6
86 60.4 48.4 72.6

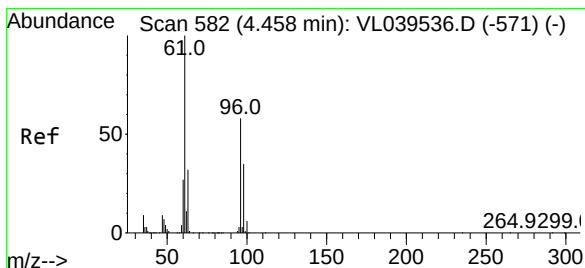
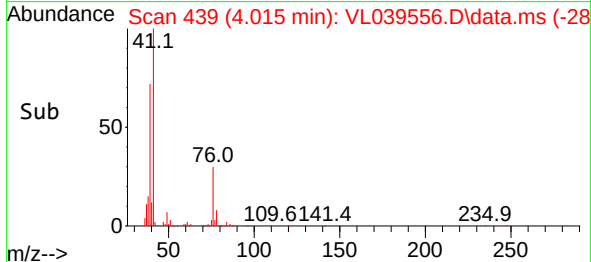
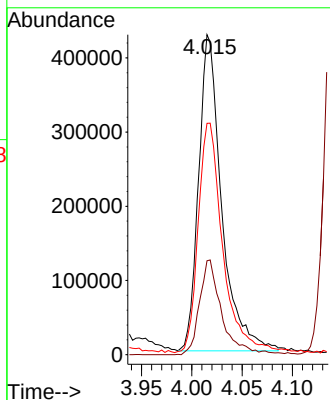
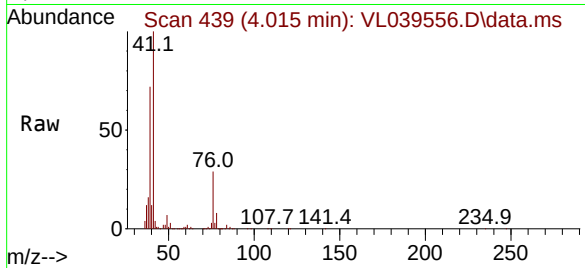




#21
 Allyl Chloride
 Concen: 8.922 ppbv
 RT: 4.015 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: VL039556.D
 Acq: 17 Aug 2022 20:15

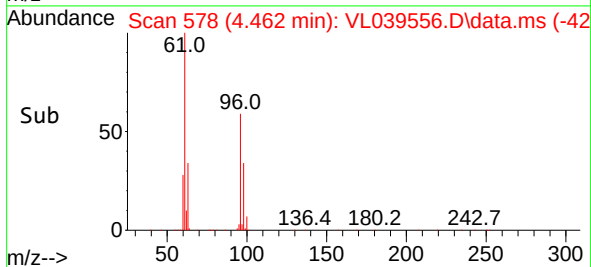
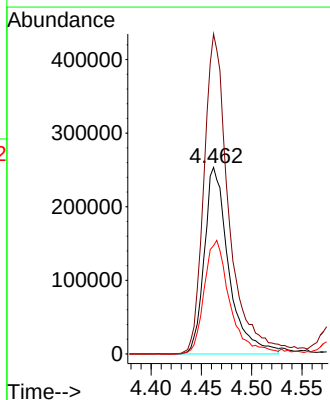
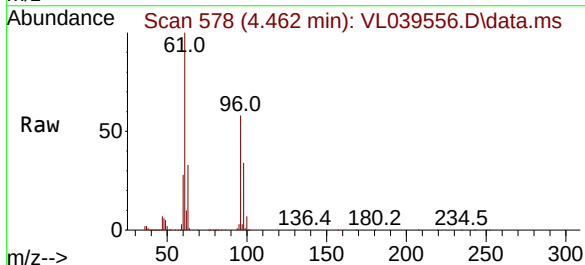
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

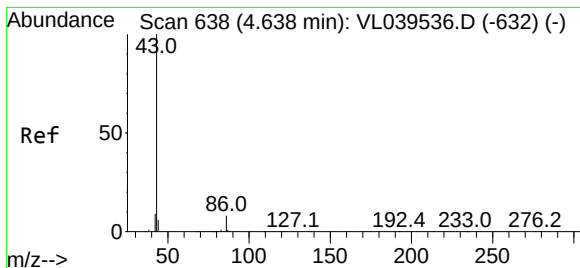
Tgt Ion: 41 Resp: 678874
 Ion Ratio Lower Upper
 41 100
 76 29.1 23.1 34.7
 39 78.4 63.4 95.2



#22
 trans-1,2-Dichloroethene
 Concen: 8.469 ppbv
 RT: 4.462 min Scan# 578
 Delta R.T. 0.004 min
 Lab File: VL039556.D
 Acq: 17 Aug 2022 20:15

Tgt Ion: 96 Resp: 428866
 Ion Ratio Lower Upper
 96 100
 61 171.4 138.1 207.1
 98 58.0 48.8 73.2





#23

Vinyl Acetate

Concen: 7.122 ppbv m

RT: 4.642 min Scan# 615

Delta R.T. 0.004 min

Lab File: VL039556.D

Acq: 17 Aug 2022 20:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 419312

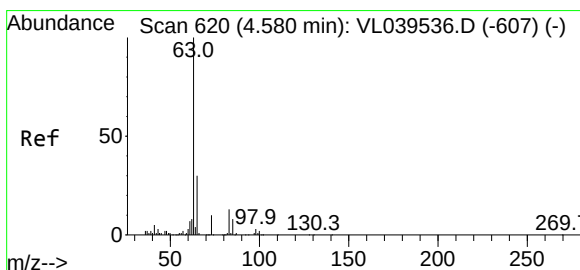
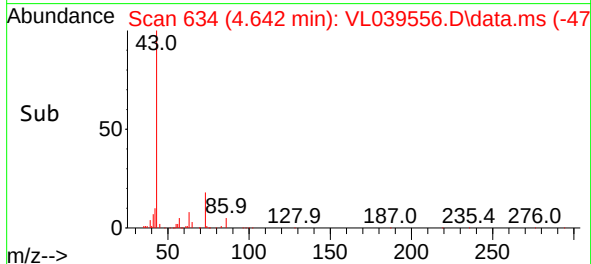
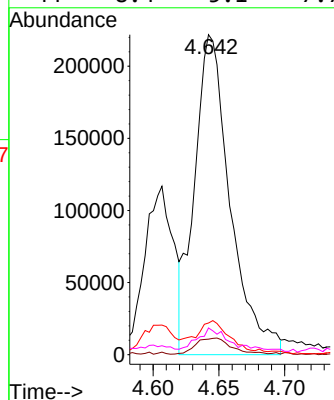
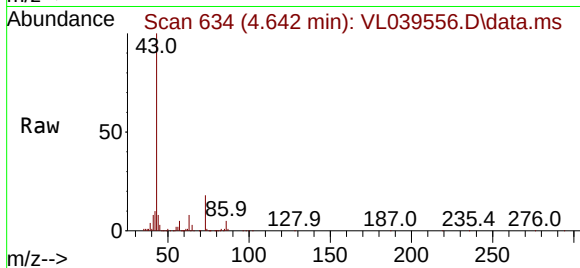
Ion Ratio Lower Upper

43 100

86 4.8 5.3 7.9#

42 9.9 8.7 13.1

44 8.4 5.1 7.7#



#24

1,1-Dichloroethane

Concen: 9.019 ppbv

RT: 4.581 min Scan# 615

Delta R.T. 0.001 min

Lab File: VL039556.D

Acq: 17 Aug 2022 20:15

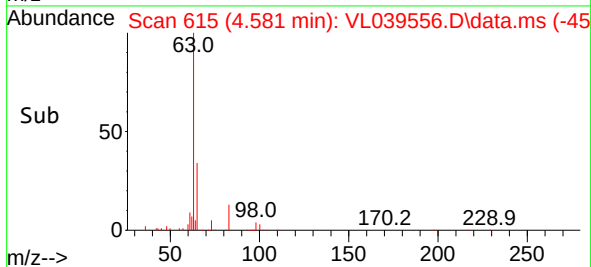
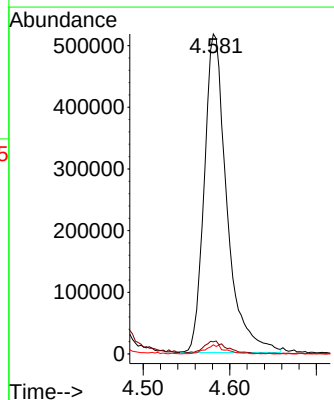
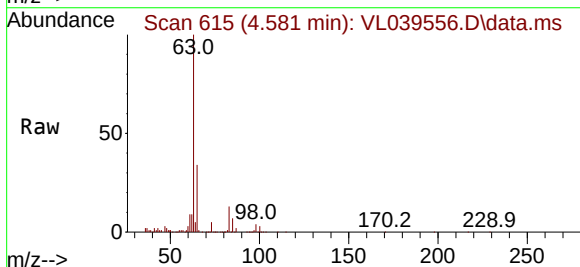
Tgt Ion: 63 Resp: 934542

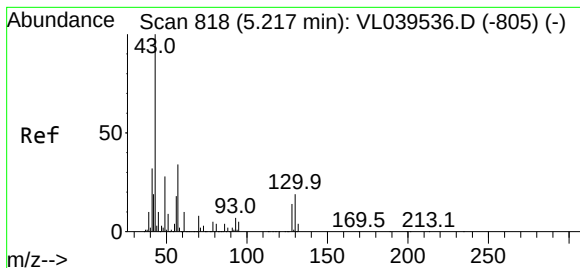
Ion Ratio Lower Upper

63 100

98 3.7 1.7 5.0

100 2.8 1.1 3.3



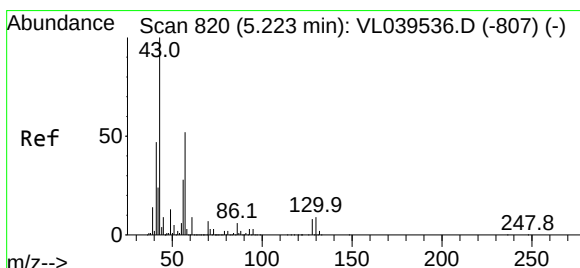
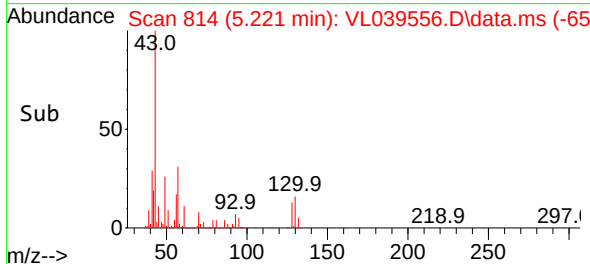
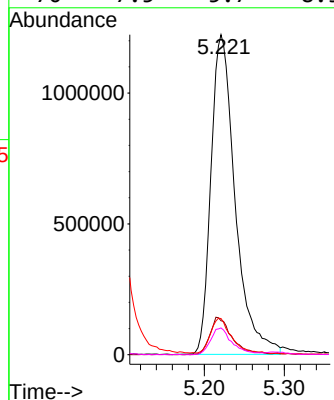
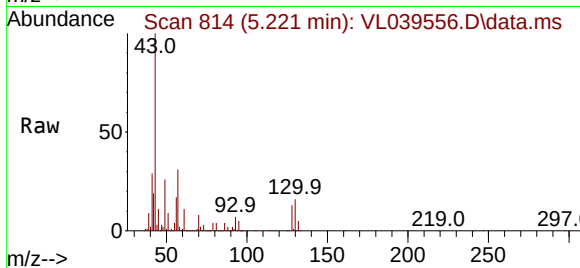


#25
Ethyl Acetate
Concen: 10.283 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.004 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 2567491

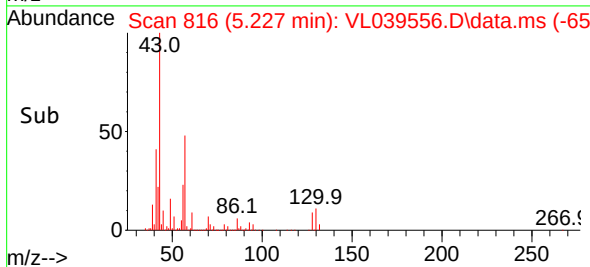
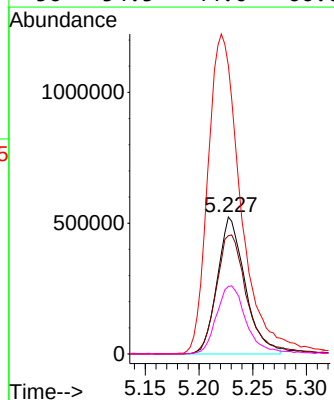
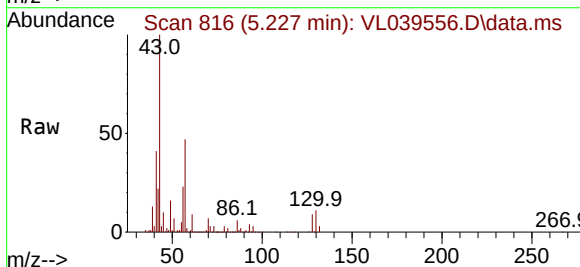
Ion	Ratio	Lower	Upper
43	100		
45	11.0	8.2	12.4
61	10.5	8.6	12.8
70	7.5	5.7	8.5

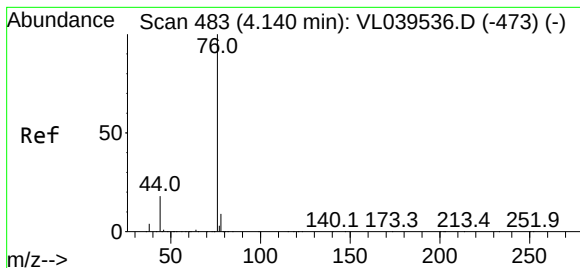


#26
Hexane
Concen: 9.189 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.004 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

Tgt Ion: 57 Resp: 940857

Ion	Ratio	Lower	Upper
57	100		
41	98.2	79.4	119.2
43	280.0	199.7	299.5
56	54.5	44.0	66.0





#27

Carbon Disulfide

Concen: 9.560 ppbv

RT: 4.144 min Scan# 41

Delta R.T. 0.004 min

Lab File: VL039556.D

Acq: 17 Aug 2022 20:15

Instrument :

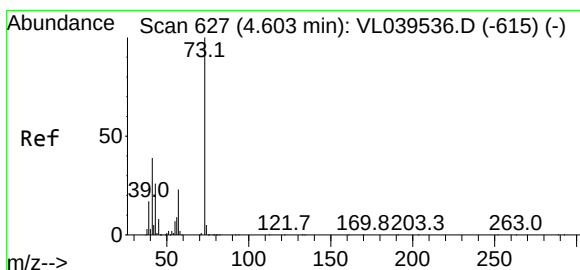
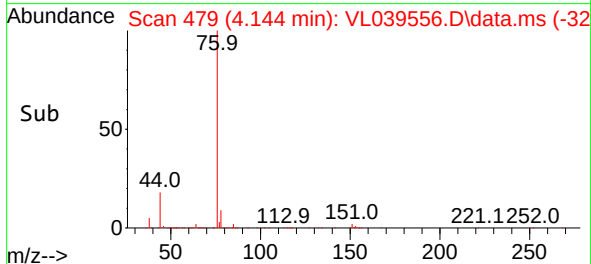
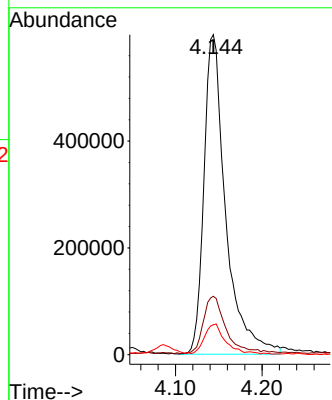
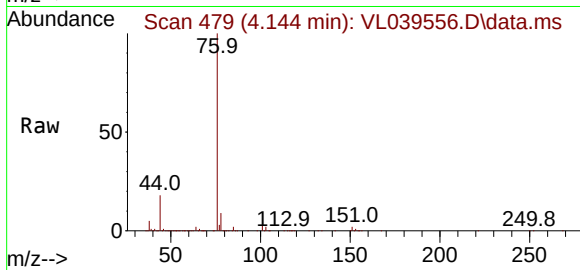
MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 76 Resp: 1044326

Ion	Ratio	Lower	Upper
76	100		
44	19.9	16.3	24.5
78	10.0	7.8	11.6



#28

Methyl tert-Butyl Ether

Concen: 8.672 ppbv

RT: 4.607 min Scan# 623

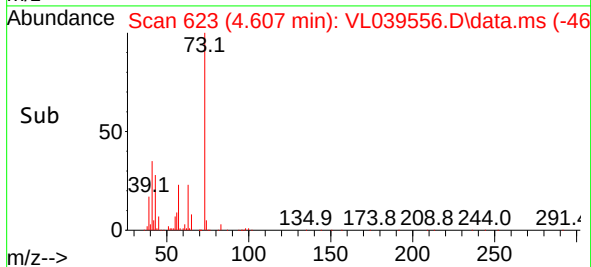
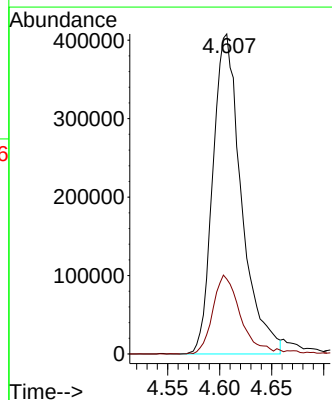
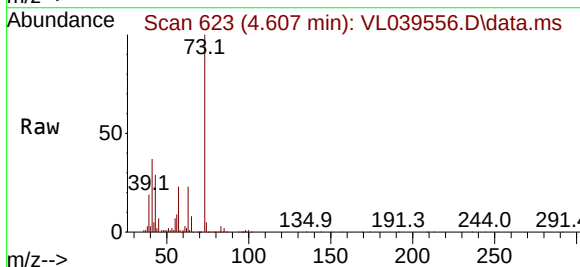
Delta R.T. 0.004 min

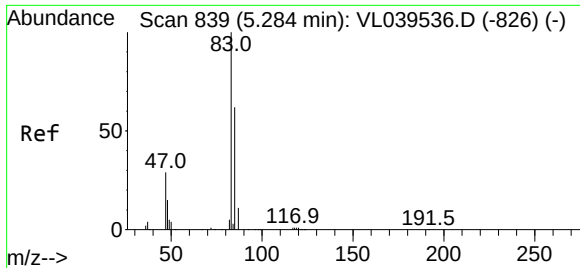
Lab File: VL039556.D

Acq: 17 Aug 2022 20:15

Tgt Ion: 73 Resp: 780727

Ion	Ratio	Lower	Upper
73	100		
57	24.9	19.8	29.6

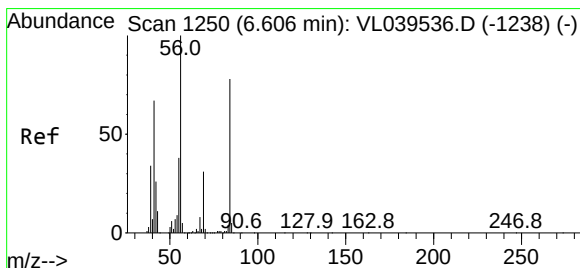
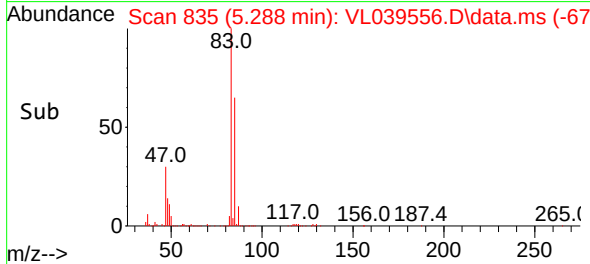
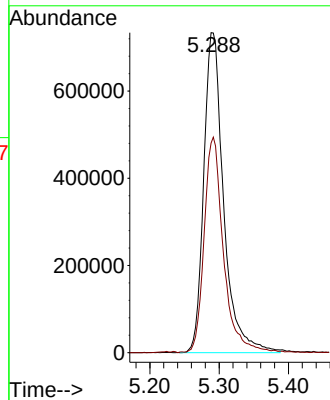
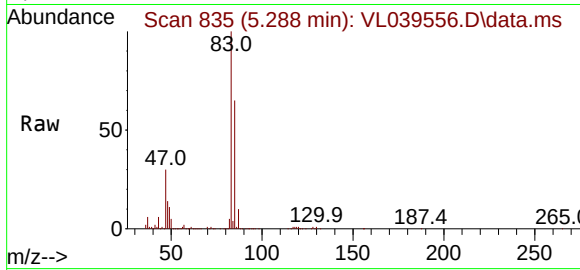




#29
Chloroform
Concen: 9.119 ppbv
RT: 5.288 min Scan# 81
Delta R.T. 0.004 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

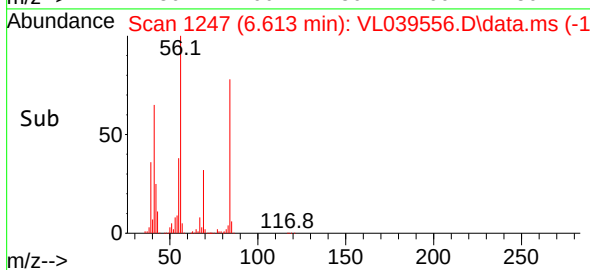
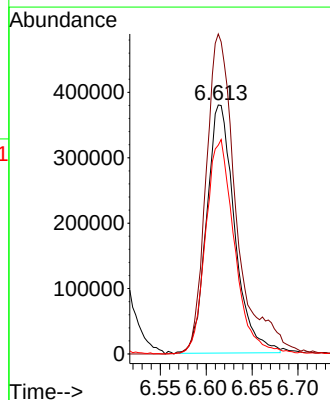
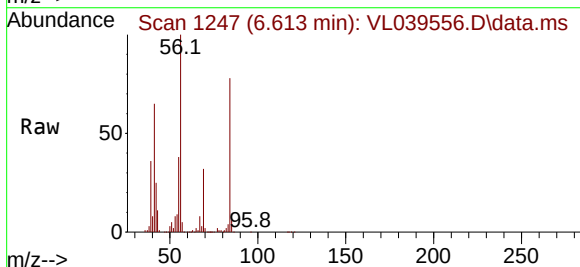
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

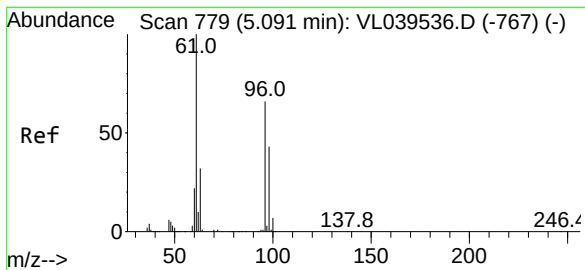
Tgt Ion: 83 Resp: 1461402
Ion Ratio Lower Upper
83 100
85 65.3 49.8 74.8



#30
Cyclohexane
Concen: 9.463 ppbv
RT: 6.613 min Scan# 1247
Delta R.T. 0.007 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

Tgt Ion: 84 Resp: 804596
Ion Ratio Lower Upper
84 100
56 140.8 0.0 0.0#
41 89.4 0.0 0.0#

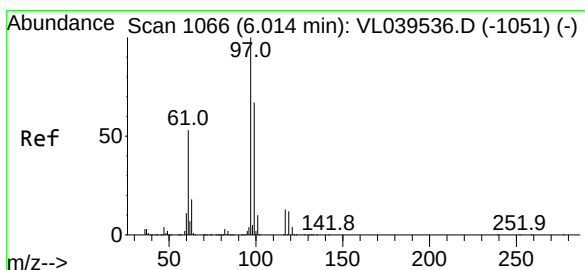
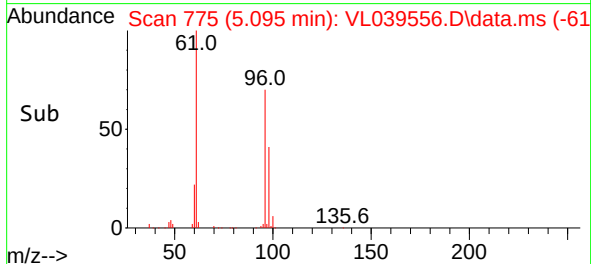
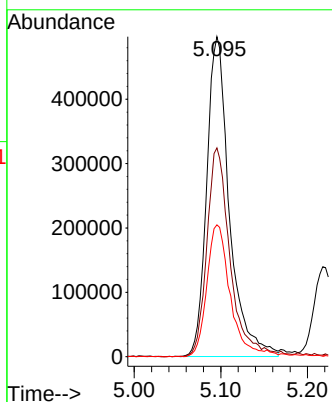
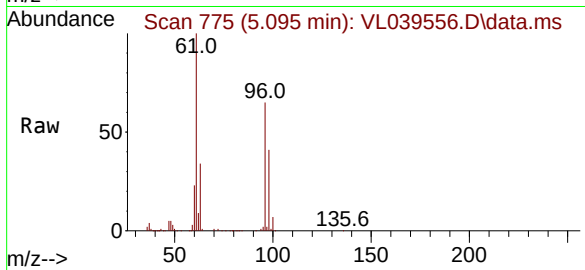




#31
 cis-1,2-Dichloroethene
 Concen: 9.144 ppbv
 RT: 5.095 min Scan# 71
 Delta R.T. 0.004 min
 Lab File: VL039556.D
 Acq: 17 Aug 2022 20:15

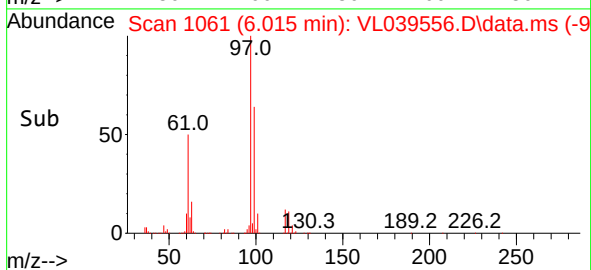
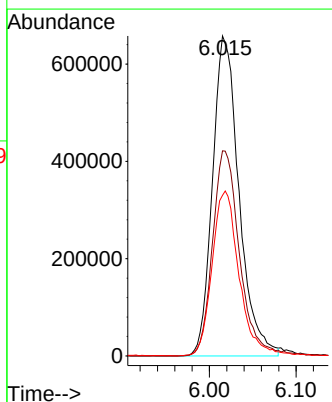
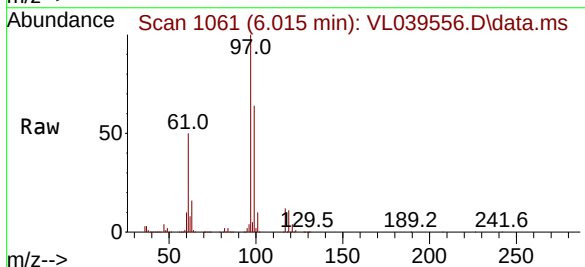
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

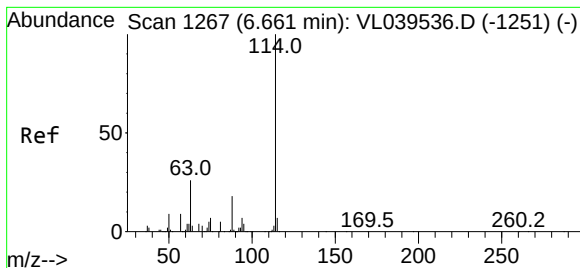
Tgt Ion: 61 Resp: 905311
 Ion Ratio Lower Upper
 61 100
 96 65.2 52.9 79.3
 98 41.1 34.5 51.7



#32
 1,1,1-Trichloroethane
 Concen: 9.311 ppbv
 RT: 6.015 min Scan# 1061
 Delta R.T. 0.001 min
 Lab File: VL039556.D
 Acq: 17 Aug 2022 20:15

Tgt Ion: 97 Resp: 1399500
 Ion Ratio Lower Upper
 97 100
 99 65.8 52.4 78.6
 61 53.0 42.9 64.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.665 min Scan# 11

Delta R.T. 0.004 min

Lab File: VL039556.D

Acq: 17 Aug 2022 20:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

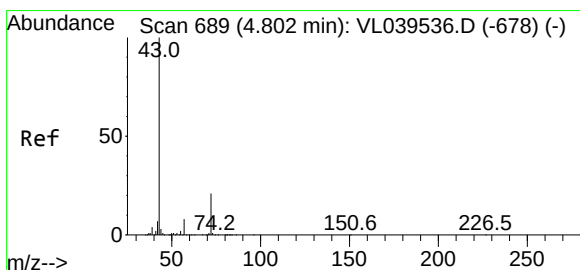
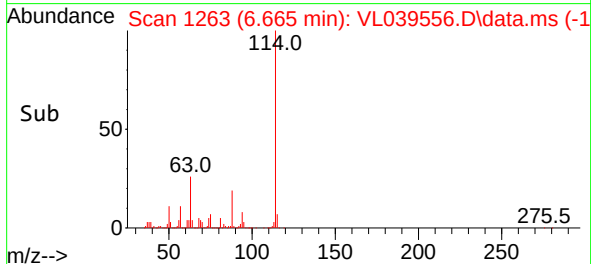
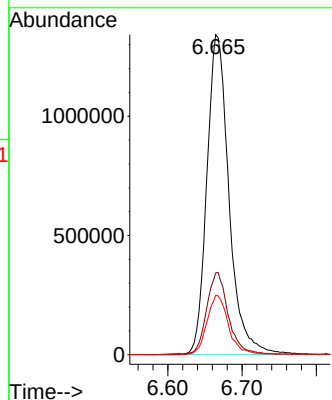
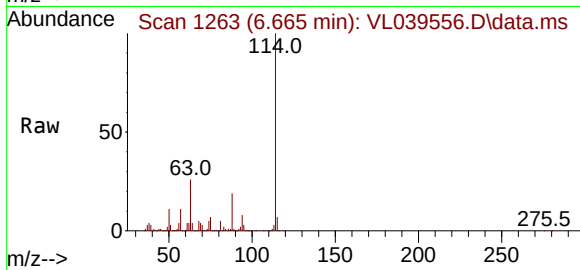
Tgt Ion:114 Resp: 2774994

Ion Ratio Lower Upper

114 100

63 25.6 20.6 31.0

88 18.2 14.6 22.0



#34

2-Butanone

Concen: 9.559 ppbv

RT: 4.803 min Scan# 684

Delta R.T. 0.001 min

Lab File: VL039556.D

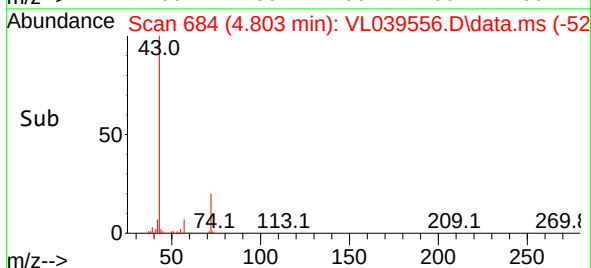
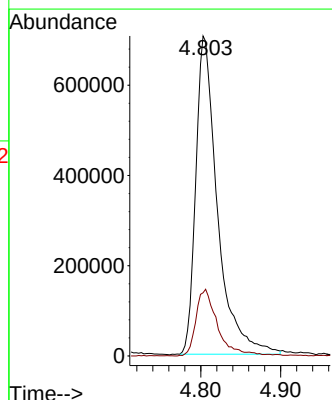
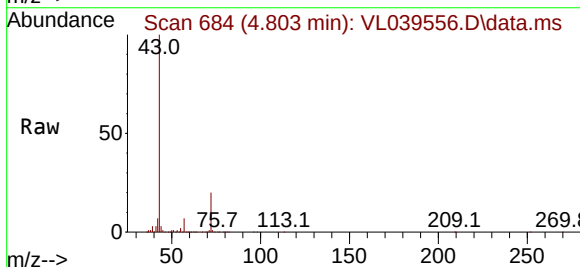
Acq: 17 Aug 2022 20:15

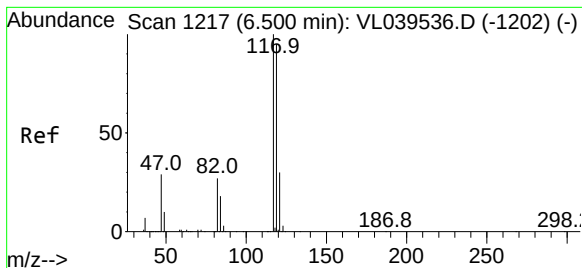
Tgt Ion: 43 Resp: 1333520

Ion Ratio Lower Upper

43 100

72 21.3 17.4 26.0

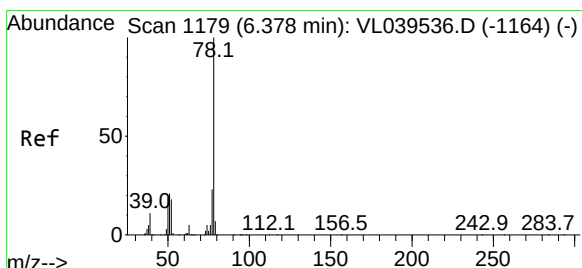
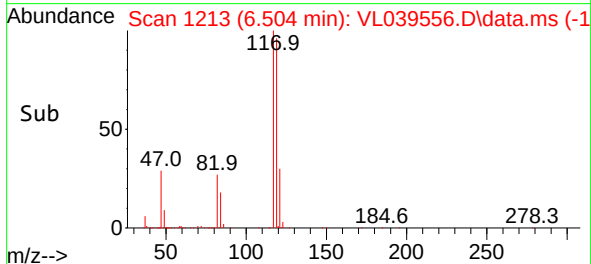
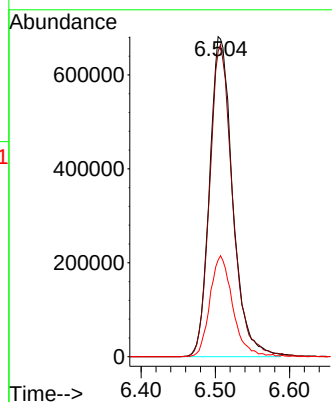
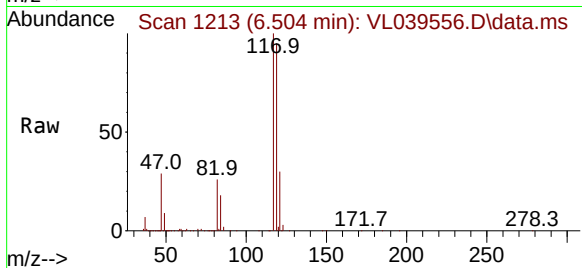




#35
Carbon Tetrachloride
Concen: 9.443 ppbv
RT: 6.504 min Scan# 1175
Delta R.T. 0.004 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

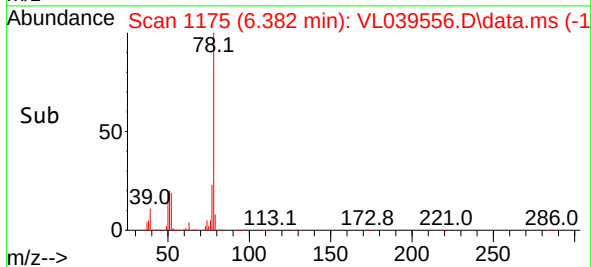
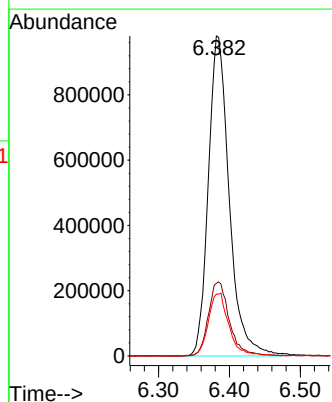
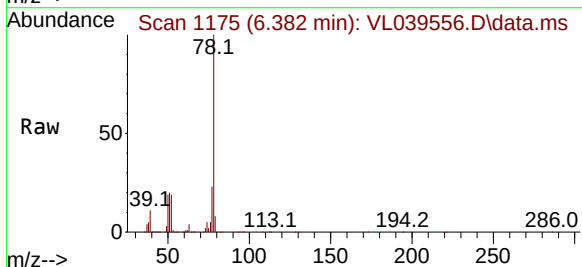
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

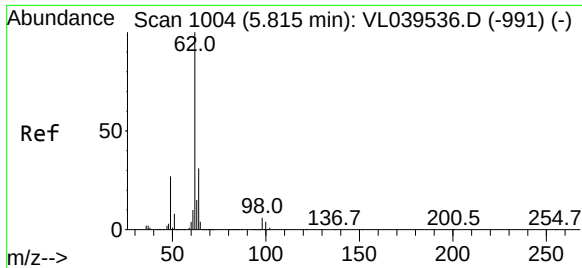
Tgt Ion:117 Resp: 1474216
Ion Ratio Lower Upper
117 100
119 95.4 76.2 114.4
121 30.2 24.4 36.6



#36
Benzene
Concen: 9.496 ppbv
RT: 6.382 min Scan# 1175
Delta R.T. 0.004 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

Tgt Ion: 78 Resp: 2008447
Ion Ratio Lower Upper
78 100
77 22.7 18.6 27.8
50 19.3 15.0 22.4

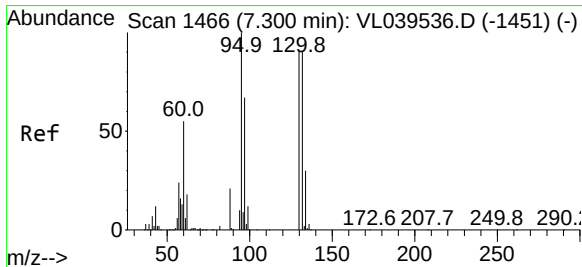
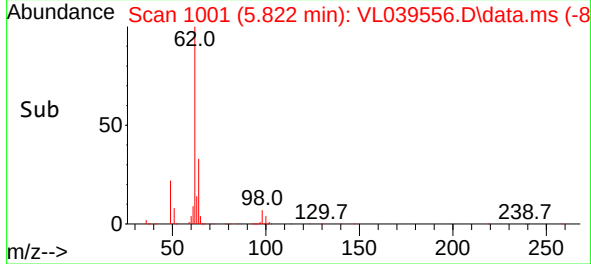
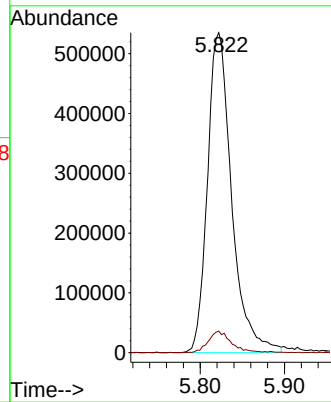
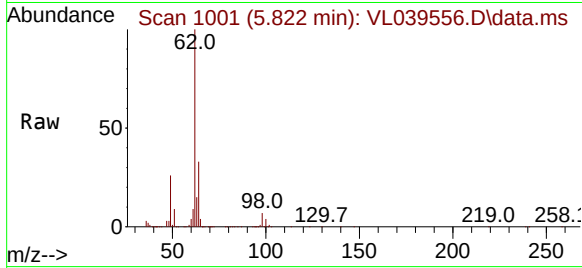




#37
1,2-Dichloroethane
Concen: 9.112 ppbv
RT: 5.822 min Scan# 1001
Delta R.T. 0.007 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

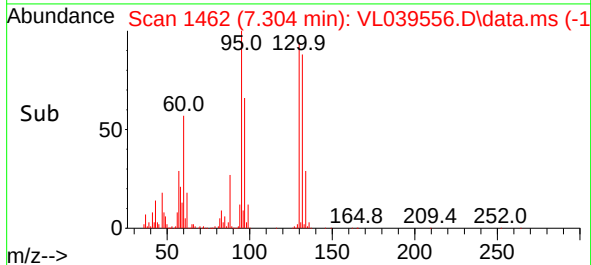
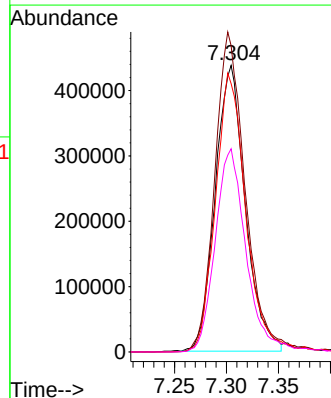
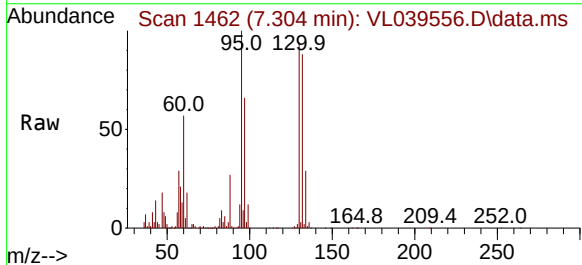
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

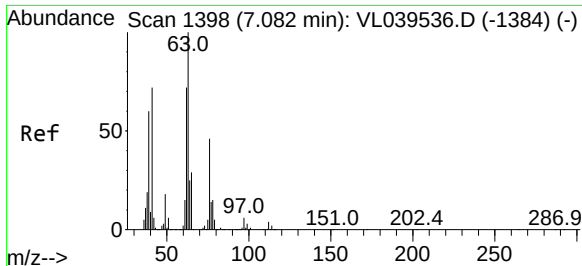
Tgt Ion: 62 Resp: 1070669
Ion Ratio Lower Upper
62 100
98 6.7 5.4 8.2



#38
Trichloroethene
Concen: 7.640 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.004 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

Tgt Ion: 130 Resp: 877814
Ion Ratio Lower Upper
130 100
95 107.1 88.0 132.0
132 93.8 79.1 118.7
97 71.1 58.7 88.1

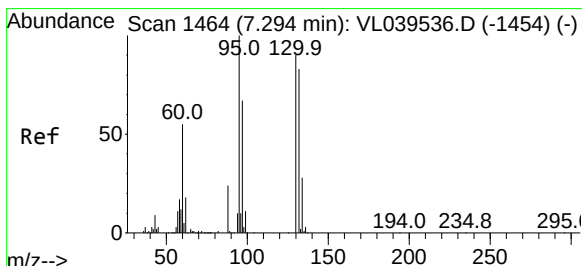
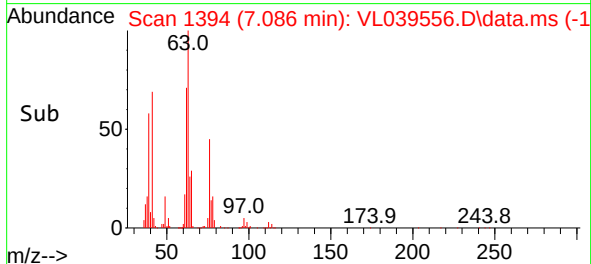
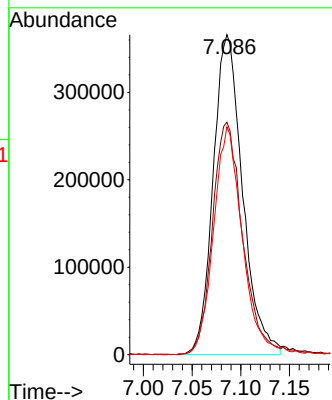
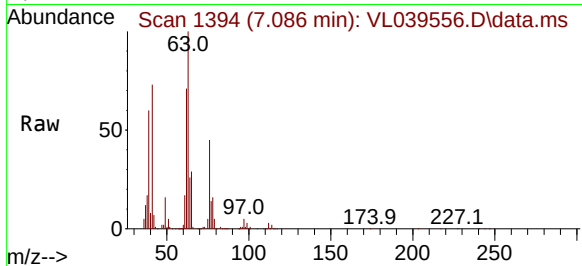




#39
1,2-Dichloropropane
Concen: 9.672 ppbv
RT: 7.086 min Scan# 11
Delta R.T. 0.004 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

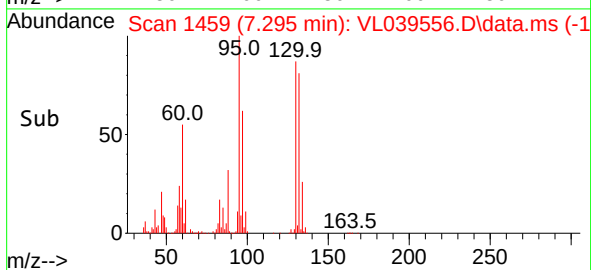
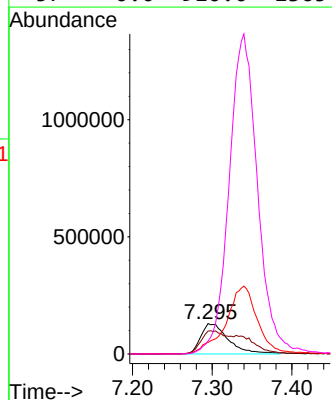
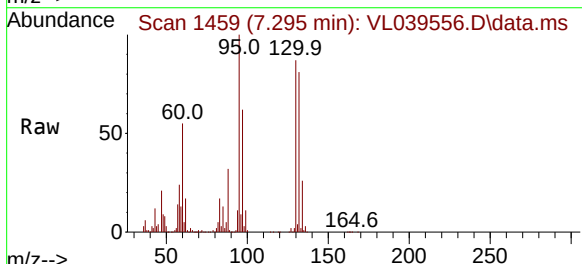
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

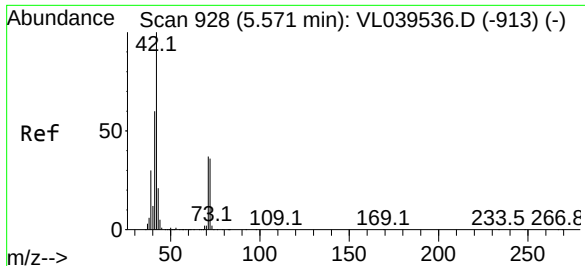
Tgt Ion: 63 Resp: 766652
Ion Ratio Lower Upper
63 100
41 72.5 58.0 87.0
62 70.8 57.8 86.8



#40
1,4-Dioxane
Concen: 9.951 ppbv m
RT: 7.295 min Scan# 1459
Delta R.T. 0.001 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

Tgt Ion: 88 Resp: 312934
Ion Ratio Lower Upper
88 100
58 122.6 102.8 154.2
43 0.0 216.2 324.2#
57 0.0 910.0 1365.0#

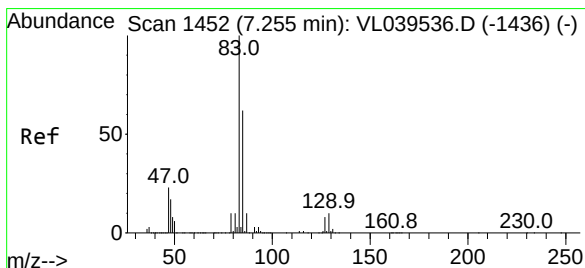
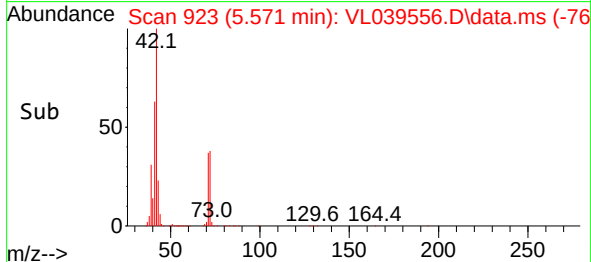
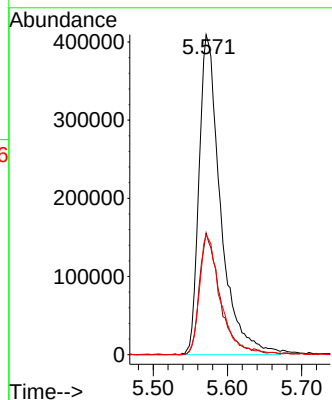
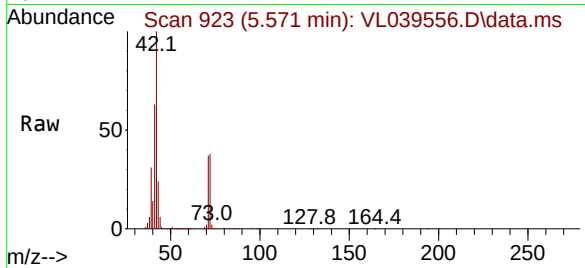




#41
Tetrahydrofuran
Concen: 10.038 ppbv
RT: 5.571 min Scan# 91
Delta R.T. 0.001 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

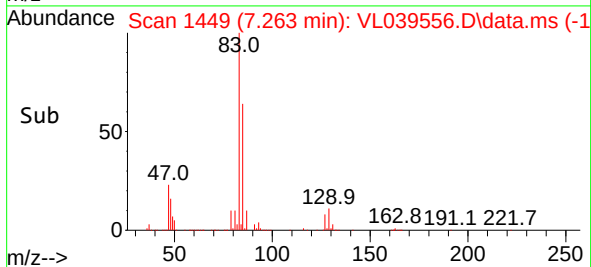
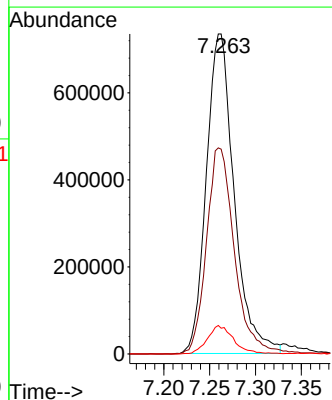
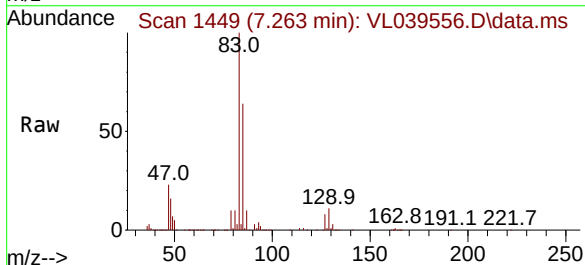
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

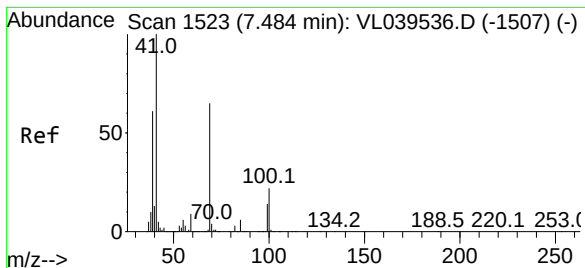
Tgt Ion: 42 Resp: 823879
Ion Ratio Lower Upper
42 100
72 37.0 30.6 45.8
71 37.5 30.7 46.1



#42
Bromodichloromethane
Concen: 9.655 ppbv
RT: 7.263 min Scan# 1449
Delta R.T. 0.007 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

Tgt Ion: 83 Resp: 1550410
Ion Ratio Lower Upper
83 100
85 63.9 49.9 74.9
127 8.1 6.7 10.1





#43

Methyl Methacrylate

Concen: 10.869 ppbv

RT: 7.488 min Scan# 11

Delta R.T. 0.004 min

Lab File: VL039556.D

Acq: 17 Aug 2022 20:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

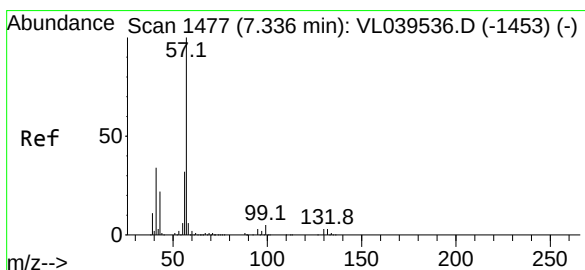
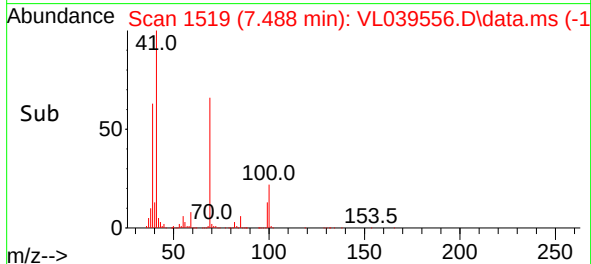
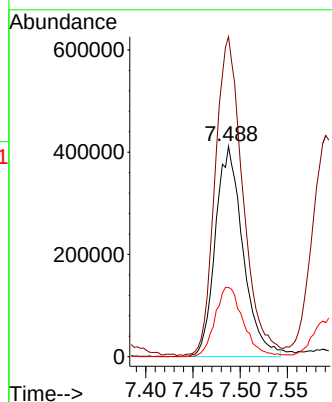
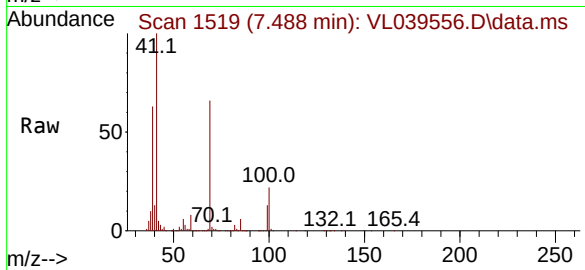
Tgt Ion: 69 Resp: 832333

Ion Ratio Lower Upper

69 100

41 154.2 123.0 184.6

100 33.9 27.4 41.2



#44

2,2,4-Trimethylpentane

Concen: 9.465 ppbv

RT: 7.340 min Scan# 1473

Delta R.T. 0.004 min

Lab File: VL039556.D

Acq: 17 Aug 2022 20:15

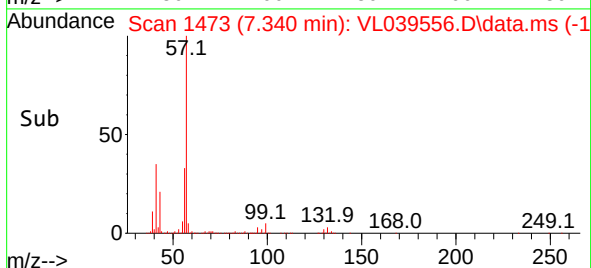
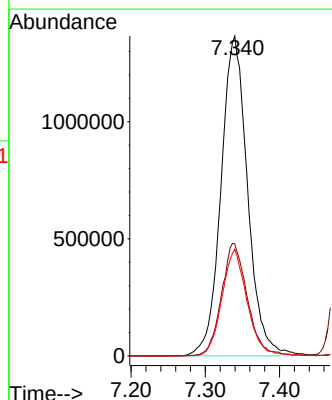
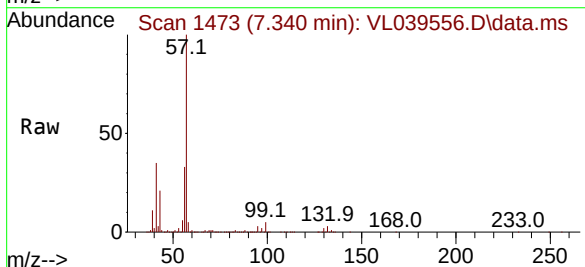
Tgt Ion: 57 Resp: 3372511

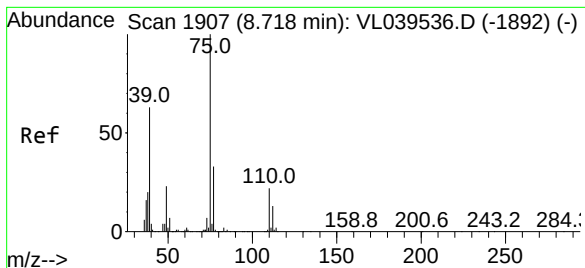
Ion Ratio Lower Upper

57 100

41 34.5 27.8 41.6

56 31.9 25.5 38.3

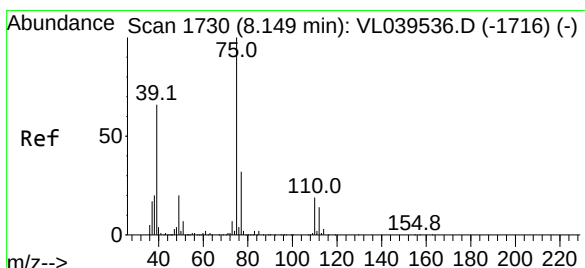
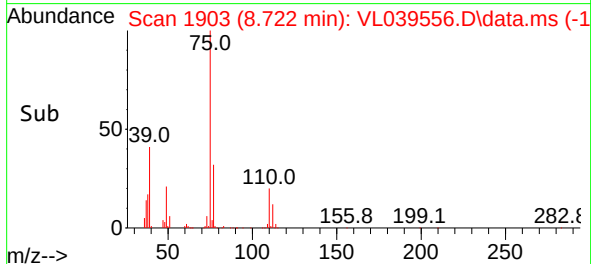
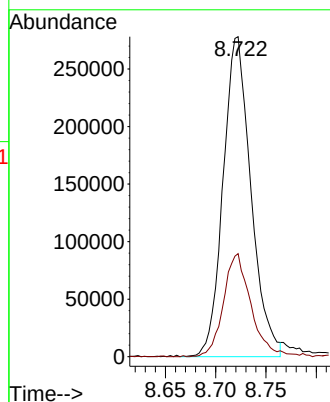
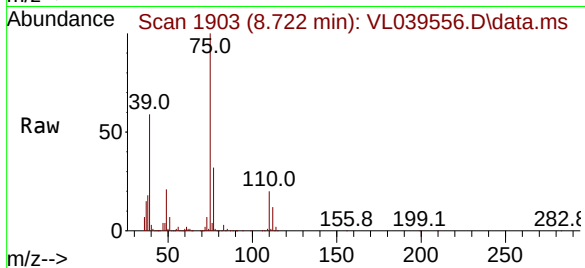




#45
 t-1,3-Dichloropropene
 Concen: 7.941 ppbv
 RT: 8.722 min Scan# 1907
 Delta R.T. 0.004 min
 Lab File: VL039556.D
 Acq: 17 Aug 2022 20:15

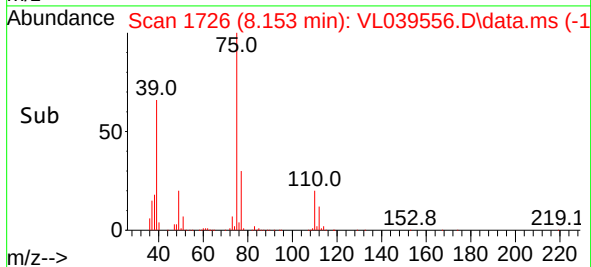
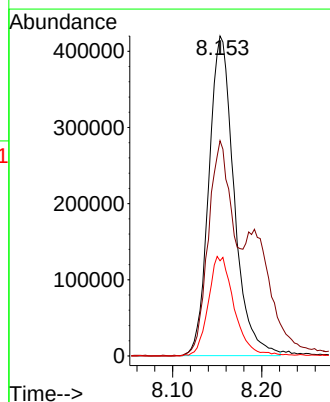
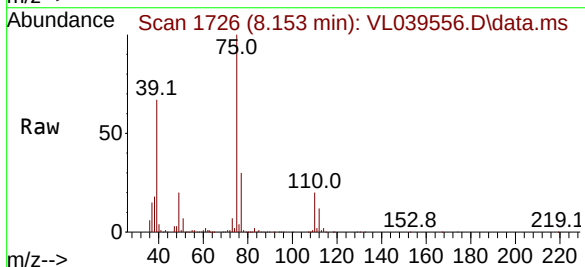
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

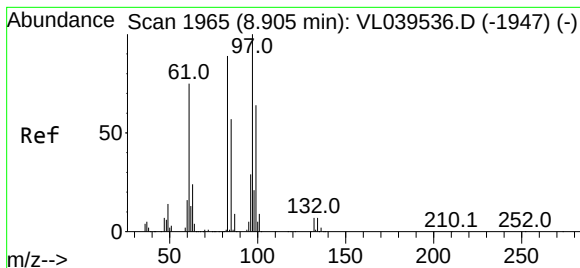
Tgt Ion: 75 Resp: 534809
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.2 39.2



#46
 cis-1,3-Dichloropropene
 Concen: 8.917 ppbv
 RT: 8.153 min Scan# 1726
 Delta R.T. 0.004 min
 Lab File: VL039556.D
 Acq: 17 Aug 2022 20:15

Tgt Ion: 75 Resp: 826363
 Ion Ratio Lower Upper
 75 100
 39 67.2 52.8 79.2
 77 29.8 25.3 37.9





#47

1,1,2-Trichloroethane

Concen: 9.292 ppbv

RT: 8.909 min Scan# 1965

Delta R.T. 0.004 min

Lab File: VL039556.D

Acq: 17 Aug 2022 20:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 844003

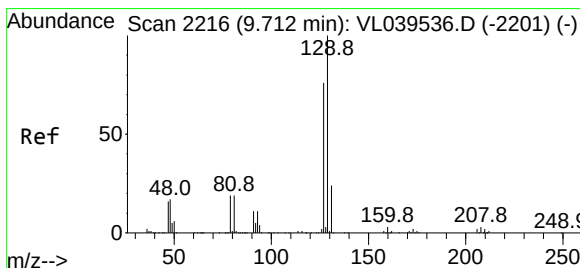
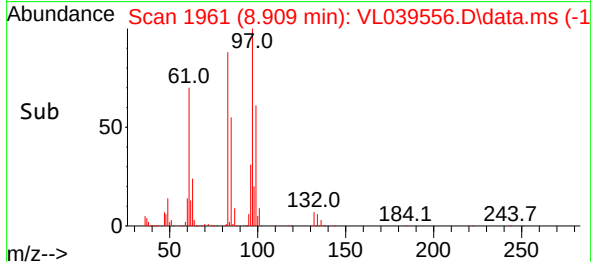
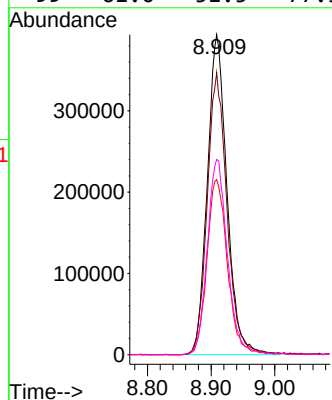
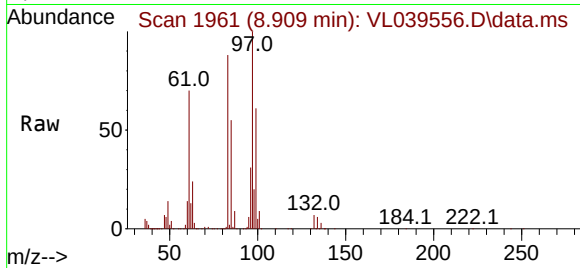
Ion Ratio Lower Upper

97 100

83 88.1 70.8 106.2

85 54.7 45.4 68.2

99 61.0 51.5 77.3



#48

Dibromochloromethane

Concen: 10.187 ppbv

RT: 9.719 min Scan# 2213

Delta R.T. 0.007 min

Lab File: VL039556.D

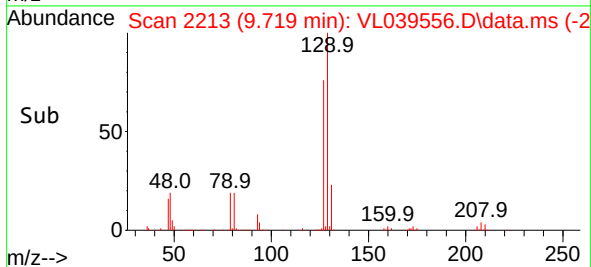
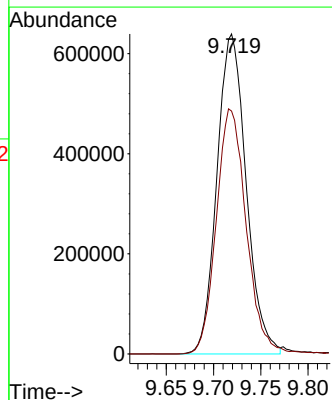
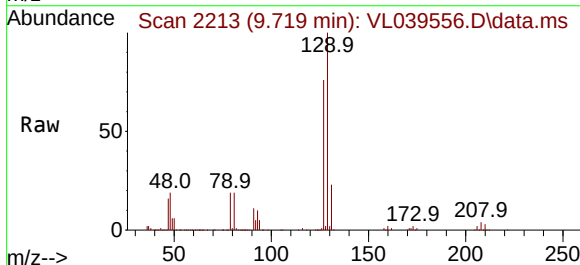
Acq: 17 Aug 2022 20:15

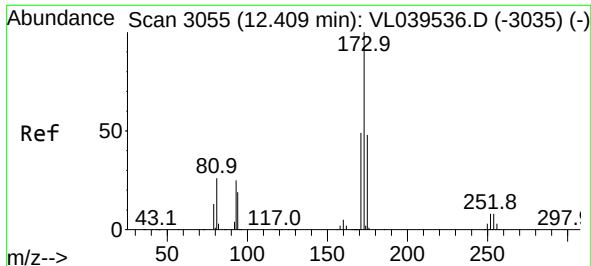
Tgt Ion: 129 Resp: 1375682

Ion Ratio Lower Upper

129 100

127 79.0 38.8 116.3

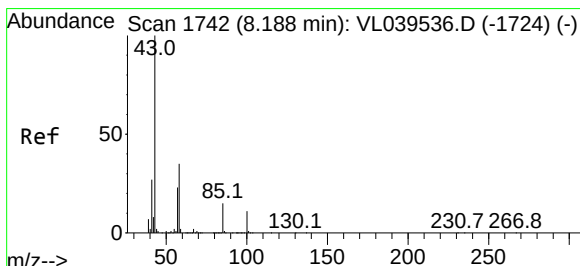
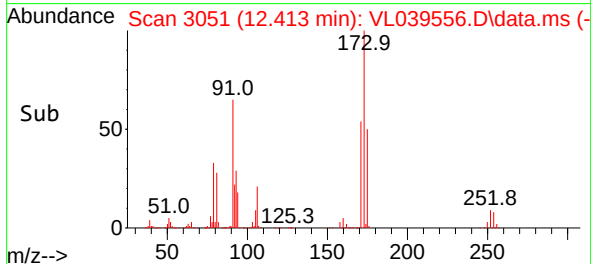
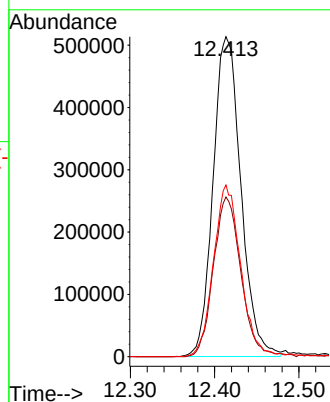
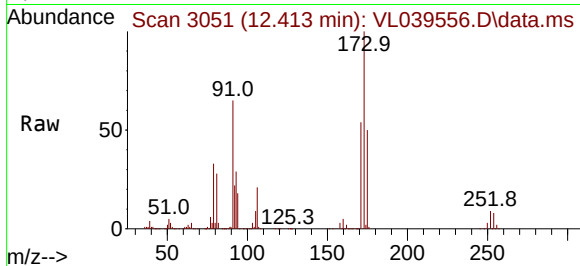




#49
Bromoform
Concen: 10.537 ppbv
RT: 12.413 min Scan# 3055
Delta R.T. 0.004 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

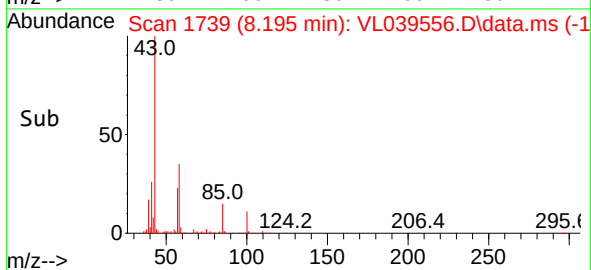
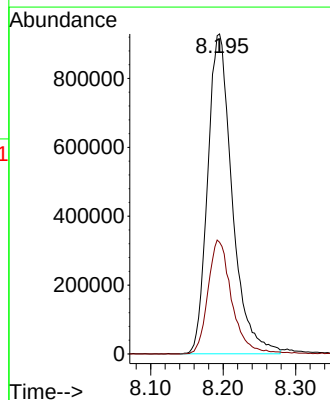
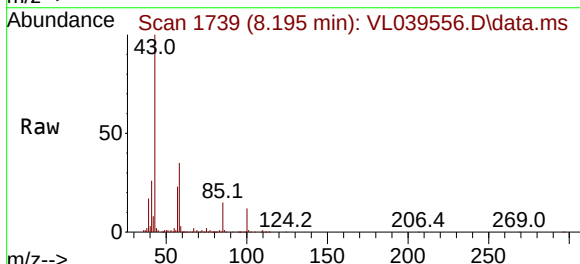
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

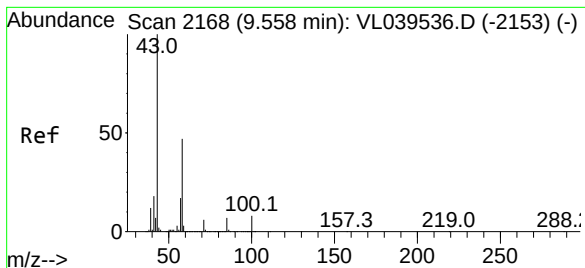
Tgt Ion:173 Resp: 1177202
Ion Ratio Lower Upper
173 100
175 49.9 0.0 0.0#
171 52.9 0.0 0.0#



#50
4-Methyl-2-Pentanone
Concen: 10.173 ppbv
RT: 8.195 min Scan# 1739
Delta R.T. 0.007 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

Tgt Ion: 43 Resp: 2183694
Ion Ratio Lower Upper
43 100
58 34.8 28.0 42.0

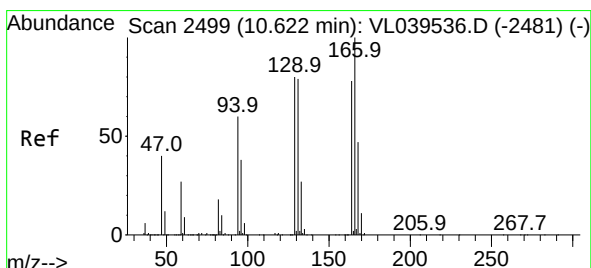
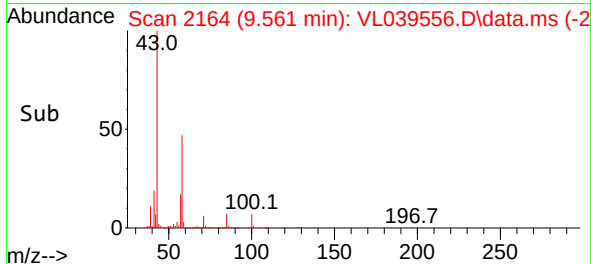
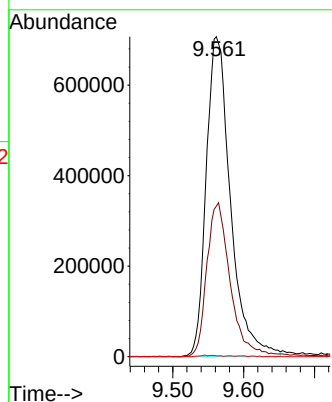
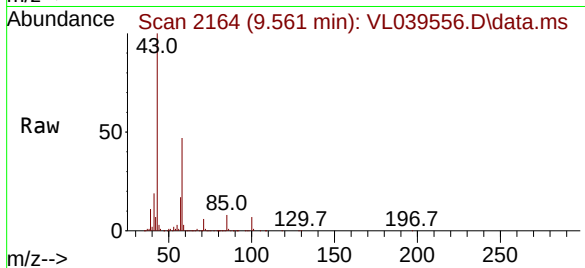




#51
2-Hexanone
Concen: 10.620 ppbv
RT: 9.561 min Scan# 2168
Delta R.T. 0.004 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

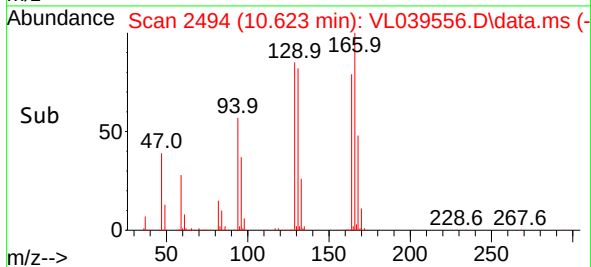
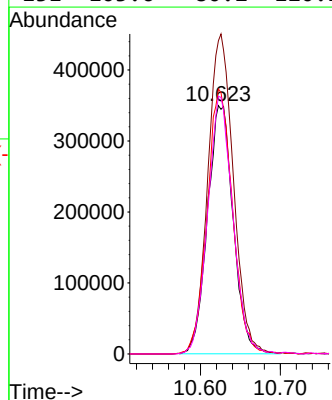
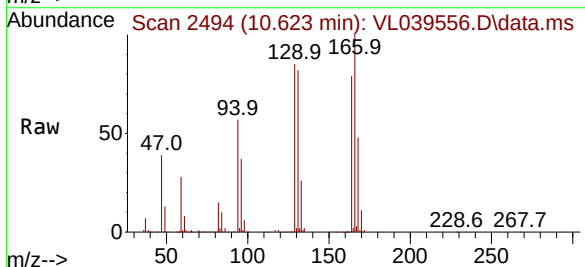
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

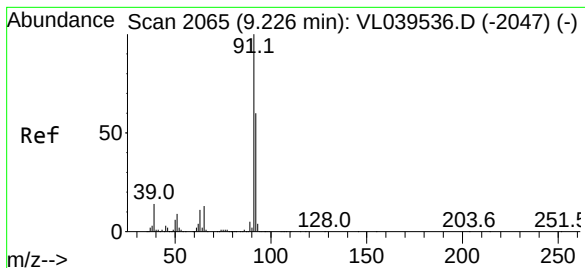
Tgt Ion: 43 Resp: 1680275
Ion Ratio Lower Upper
43 100
58 47.0 37.5 56.3
98 0.6 0.5 0.7



#52
Tetrachloroethene
Concen: 9.410 ppbv
RT: 10.623 min Scan# 2494
Delta R.T. 0.001 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

Tgt Ion: 164 Resp: 779554
Ion Ratio Lower Upper
164 100
166 126.0 102.0 153.0
129 106.4 81.7 122.5
131 103.6 80.2 120.2





#53

Toluene

Concen: 10.047 ppbv

RT: 9.230 min Scan# 2065

Delta R.T. 0.004 min

Lab File: VL039556.D

Acq: 17 Aug 2022 20:15

Instrument :

MSVOA_L

ClientSampleId :

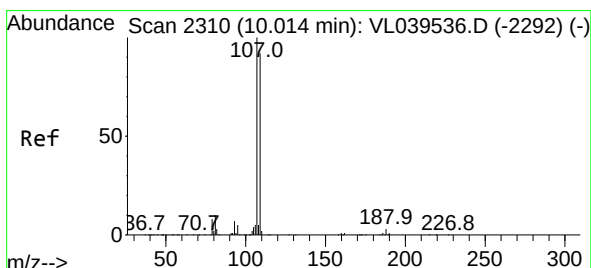
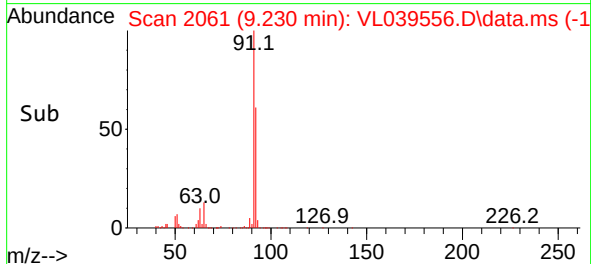
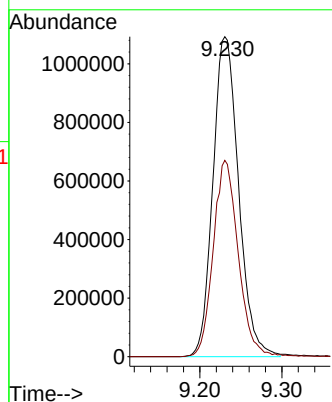
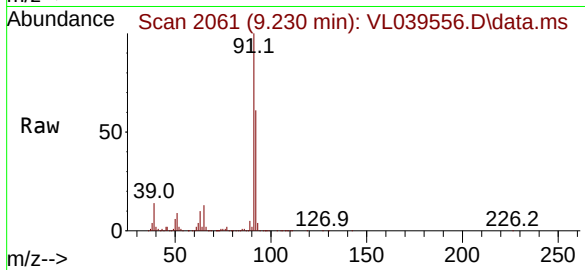
VSTDCCC010EC

Tgt Ion: 91 Resp: 2380836

Ion Ratio Lower Upper

91 100

92 60.1 47.9 71.9



#54

1,2-Dibromoethane

Concen: 10.599 ppbv

RT: 10.018 min Scan# 2306

Delta R.T. 0.004 min

Lab File: VL039556.D

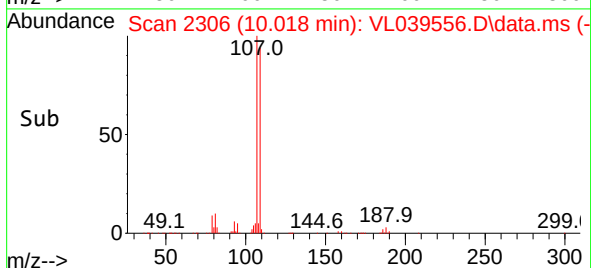
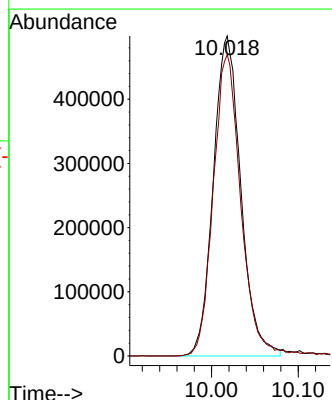
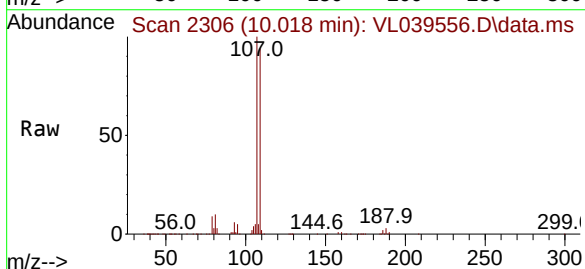
Acq: 17 Aug 2022 20:15

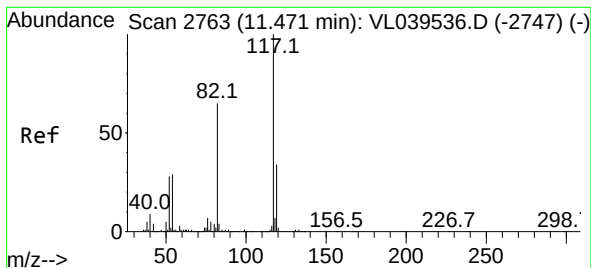
Tgt Ion: 107 Resp: 1098222

Ion Ratio Lower Upper

107 100

109 94.0 73.4 110.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 11.475 min Scan# 2763

Delta R.T. 0.004 min

Lab File: VL039556.D

Acq: 17 Aug 2022 20:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

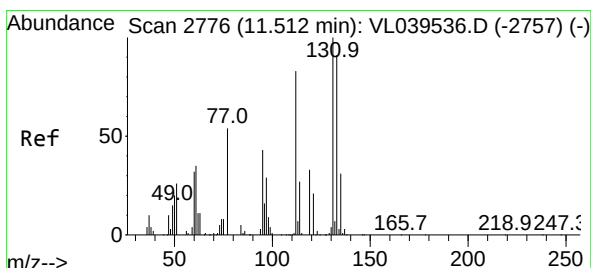
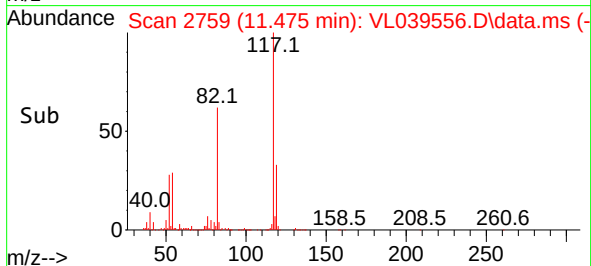
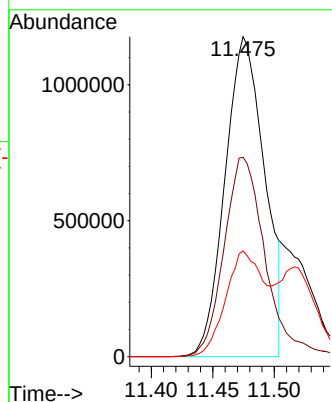
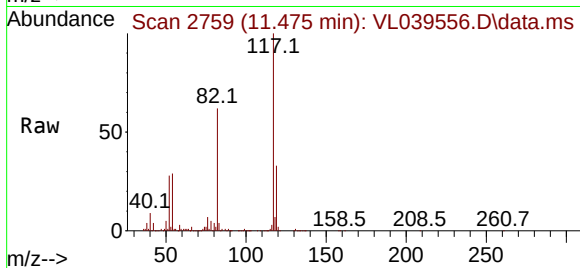
Tgt Ion:117 Resp: 2625568

Ion Ratio Lower Upper

117 100

82 65.9 49.1 73.7

119 32.1 25.9 38.9



#56

1,1,1,2-Tetrachloroethane

Concen: 9.850 ppbv

RT: 11.520 min Scan# 2773

Delta R.T. 0.007 min

Lab File: VL039556.D

Acq: 17 Aug 2022 20:15

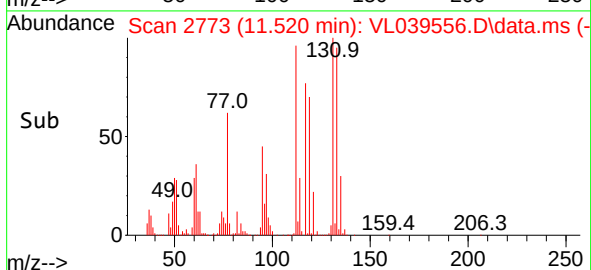
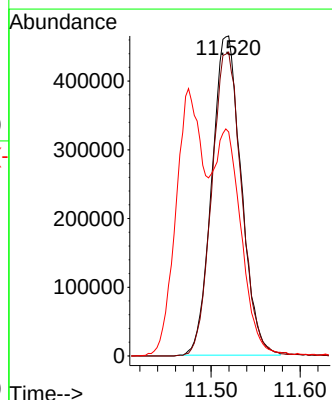
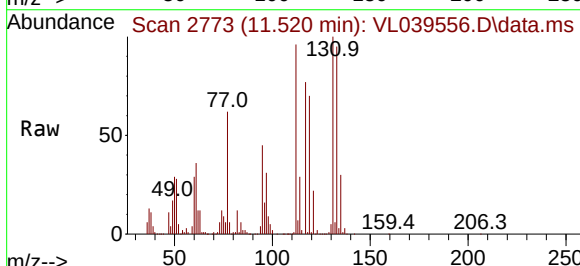
Tgt Ion:131 Resp: 1064457

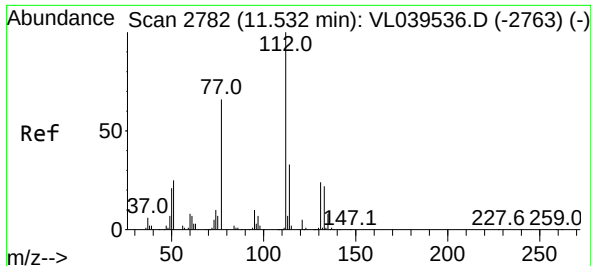
Ion Ratio Lower Upper

131 100

133 97.3 75.4 113.2

119 67.5 47.4 71.2

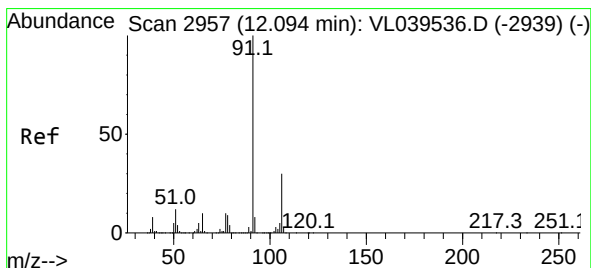
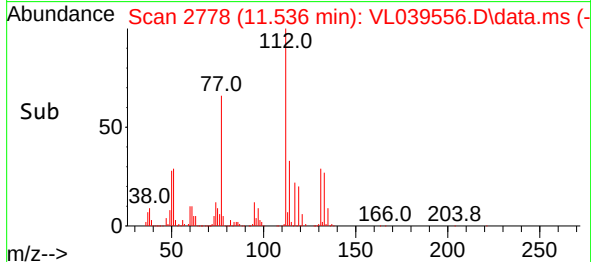
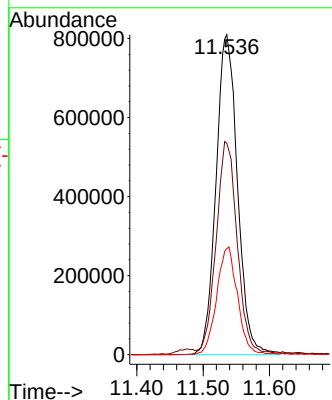
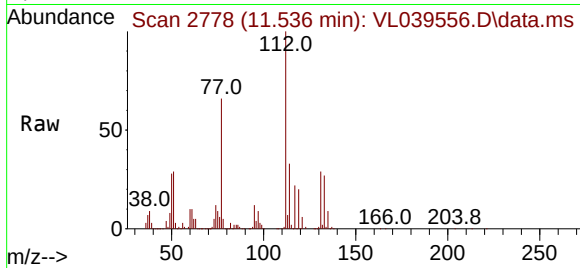




#57
Chlorobenzene
Concen: 9.220 ppbv
RT: 11.536 min Scan# 21
Delta R.T. 0.004 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

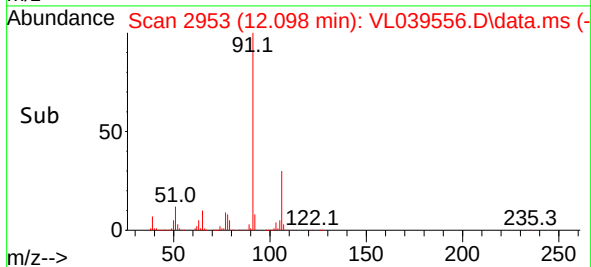
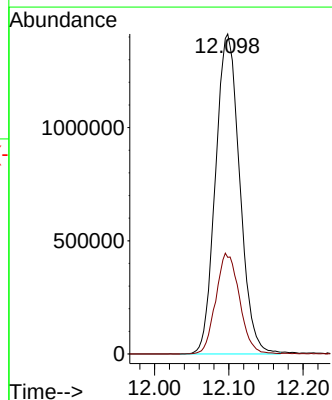
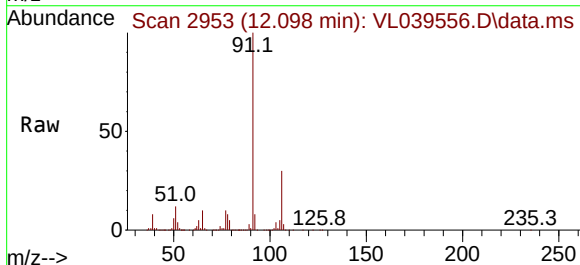
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

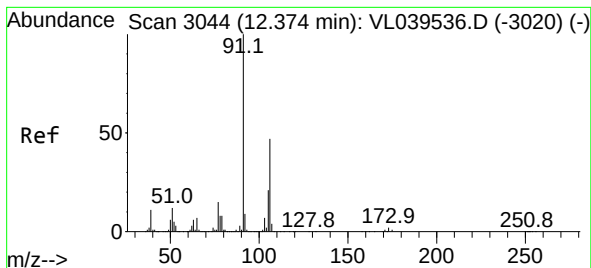
Tgt Ion:112 Resp: 1820058
Ion Ratio Lower Upper
112 100
77 65.5 53.4 80.0
114 33.1 29.5 36.1



#58
Ethyl Benzene
Concen: 10.535 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. 0.004 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

Tgt Ion: 91 Resp: 3203056
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.4





#59

m/p-Xylene

Concen: 19.919 ppbv m

RT: 12.381 min Scan# 3041

Delta R.T. 0.007 min

Lab File: VL039556.D

Acq: 17 Aug 2022 20:15

Instrument :

MSVOA_L

ClientSampleId :

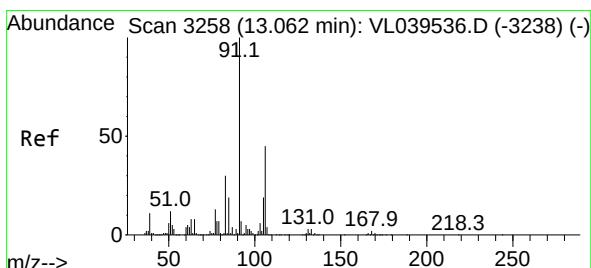
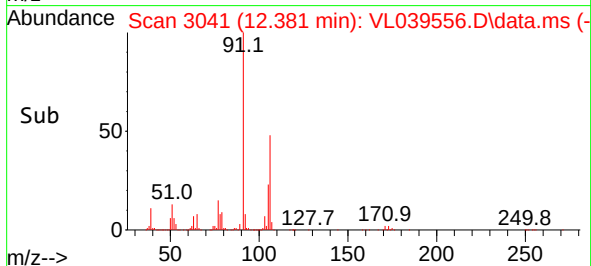
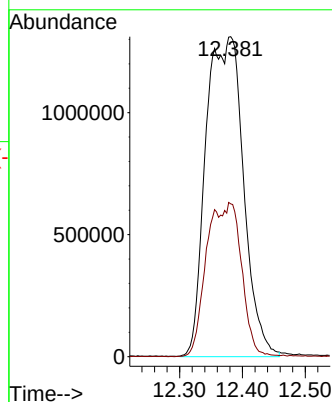
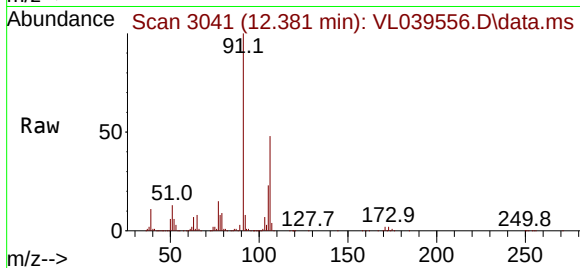
VSTDCCC010EC

Tgt Ion: 91 Resp: 5445207

Ion Ratio Lower Upper

91 100

106 44.8 0.0 0.0#



#60

o-Xylene

Concen: 10.066 ppbv

RT: 13.066 min Scan# 3254

Delta R.T. 0.004 min

Lab File: VL039556.D

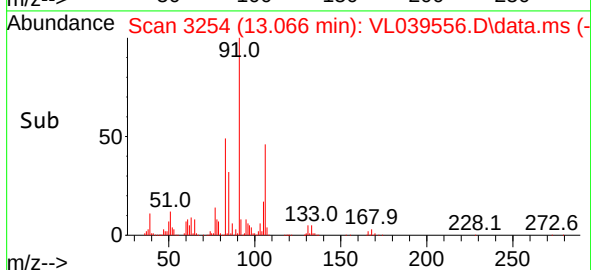
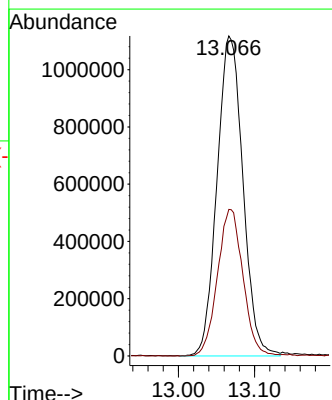
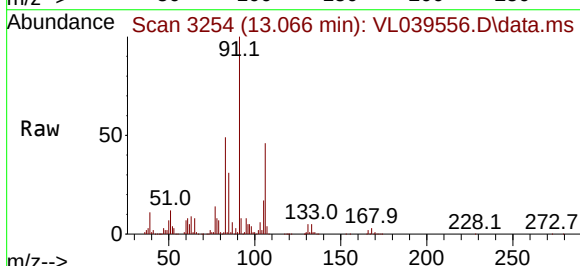
Acq: 17 Aug 2022 20:15

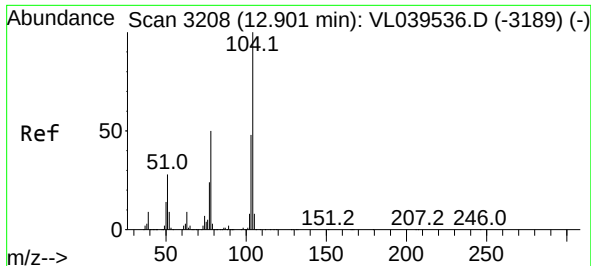
Tgt Ion: 91 Resp: 2638196

Ion Ratio Lower Upper

91 100

106 45.5 22.7 68.0





#61

Styrene

Concen: 10.992 ppbv

RT: 12.905 min Scan# 31

Delta R.T. 0.004 min

Lab File: VL039556.D

Acq: 17 Aug 2022 20:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

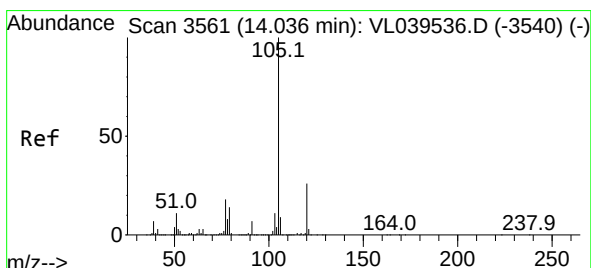
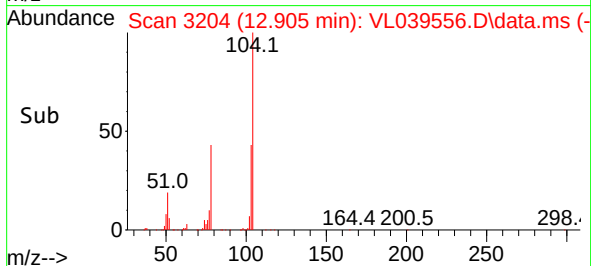
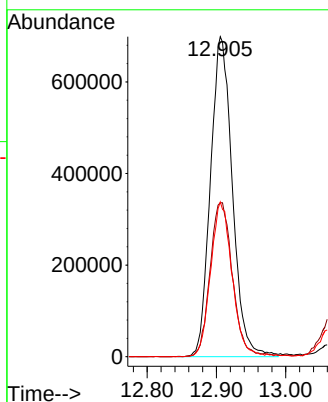
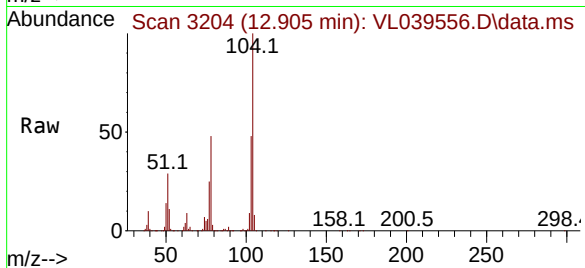
Tgt Ion:104 Resp: 1536891

Ion Ratio Lower Upper

104 100

78 49.5 40.0 60.0

103 47.7 38.2 57.2



#62

Isopropylbenzene

Concen: 10.280 ppbv

RT: 14.040 min Scan# 3557

Delta R.T. 0.004 min

Lab File: VL039556.D

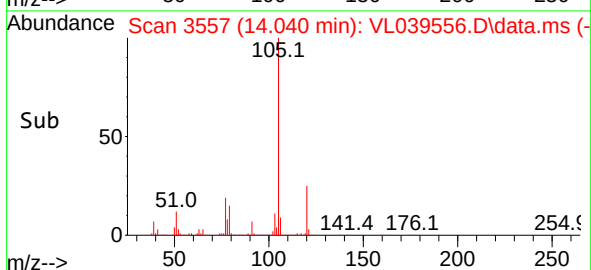
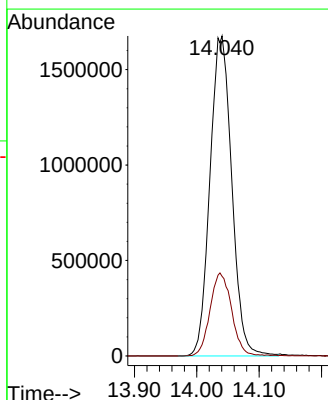
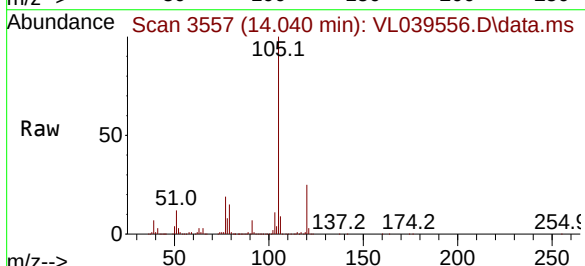
Acq: 17 Aug 2022 20:15

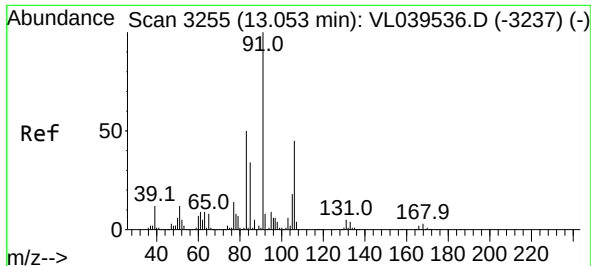
Tgt Ion:105 Resp: 4077194

Ion Ratio Lower Upper

105 100

120 25.8 20.6 30.8

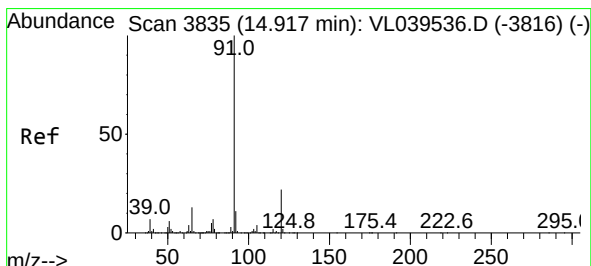
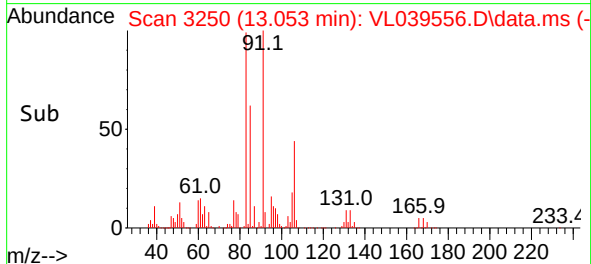
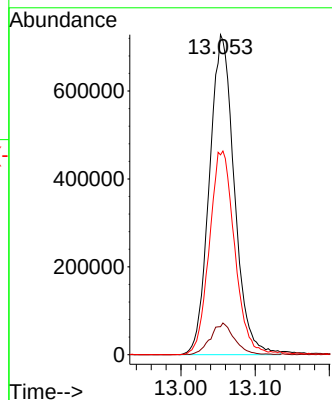
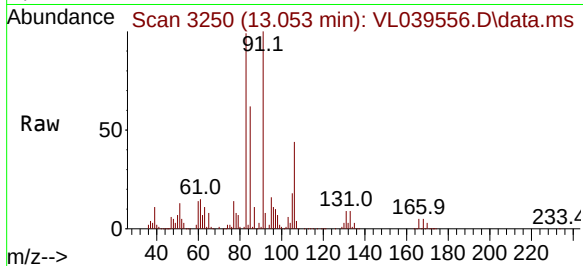




#63
1,1,2,2-Tetrachloroethane
Concen: 12.857 ppbv
RT: 13.053 min Scan# 31
Delta R.T. 0.001 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

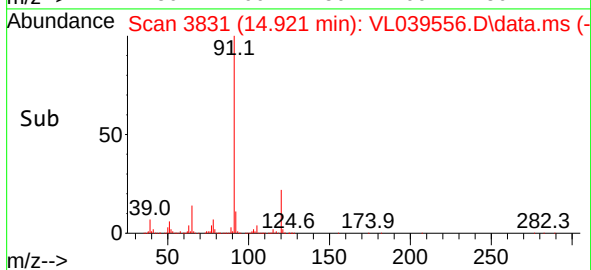
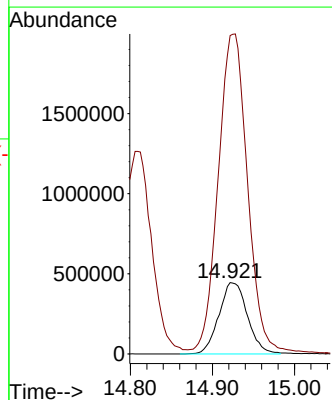
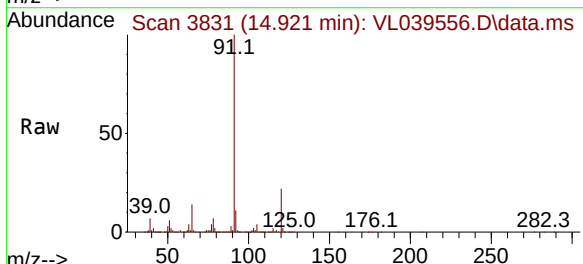
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

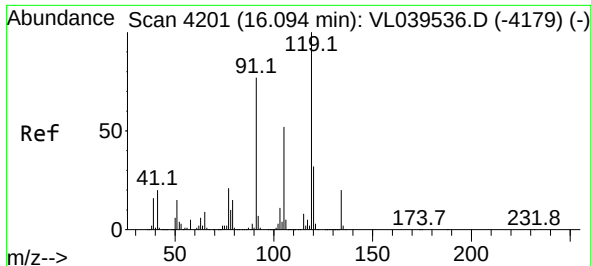
Tgt Ion: 83 Resp: 1694533
Ion Ratio Lower Upper
83 100
131 9.6 4.9 14.7
85 65.3 33.2 99.6



#64
n-propylbenzene
Concen: 10.381 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. 0.004 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

Tgt Ion:120 Resp: 1073626
Ion Ratio Lower Upper
120 100
91 466.4 372.6 559.0

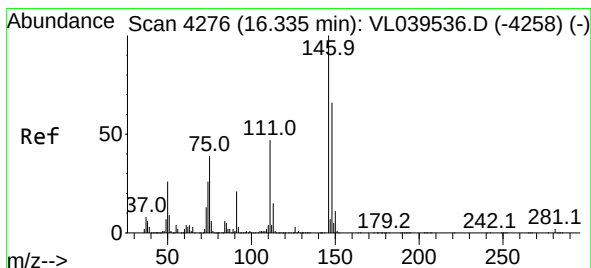
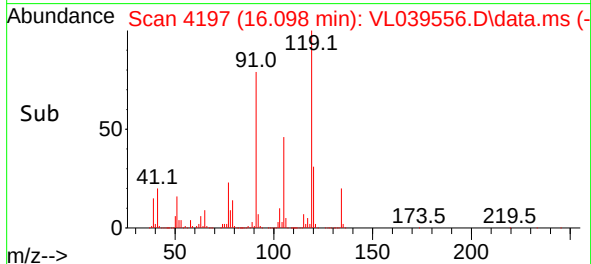
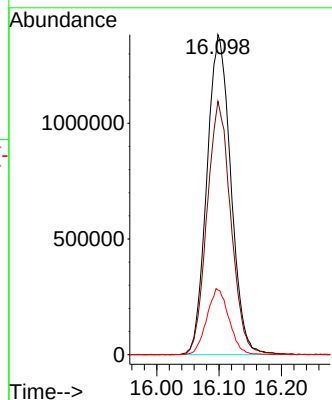
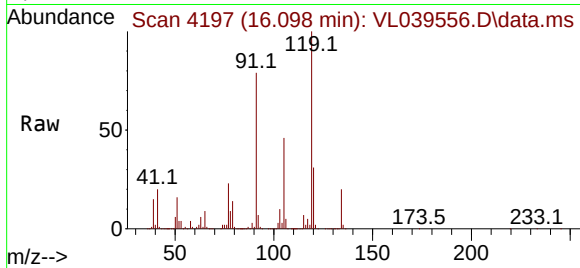




#65
tert-Butylbenzene
Concen: 10.409 ppbv
RT: 16.098 min Scan# 4179
Delta R.T. 0.004 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

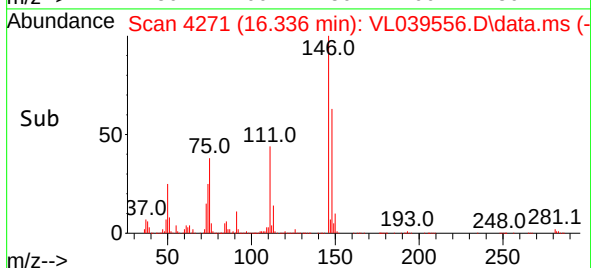
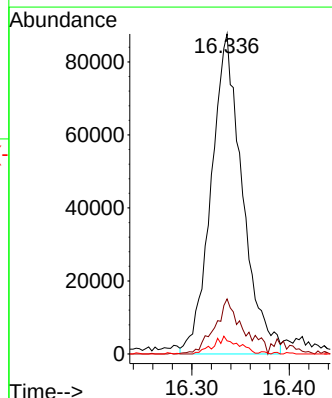
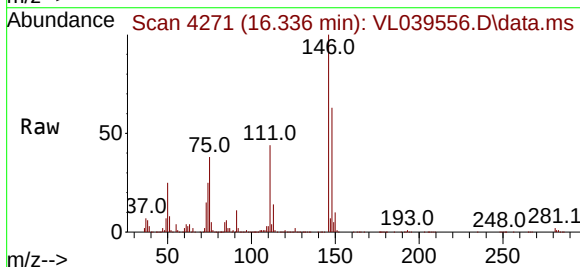
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010EC

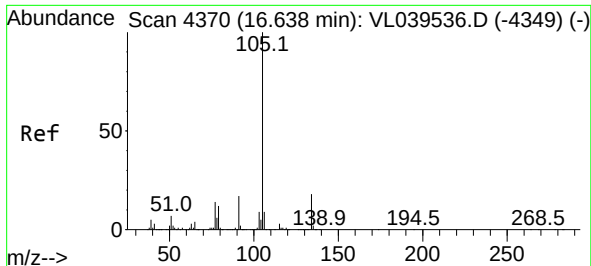
Tgt Ion:119 Resp: 3681108
Ion Ratio Lower Upper
119 100
91 79.3 63.8 95.8
134 19.3 15.4 23.2



#66
Benzyl Chloride
Concen: 6.416 ppbv m
RT: 16.336 min Scan# 4271
Delta R.T. 0.001 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

Tgt Ion: 91 Resp: 194695
Ion Ratio Lower Upper
91 100
126 18.6 0.0 0.0#
128 4.5 1.5 2.3#

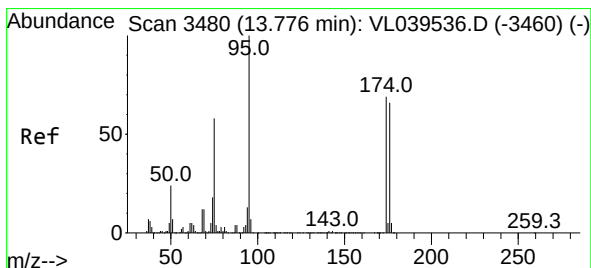
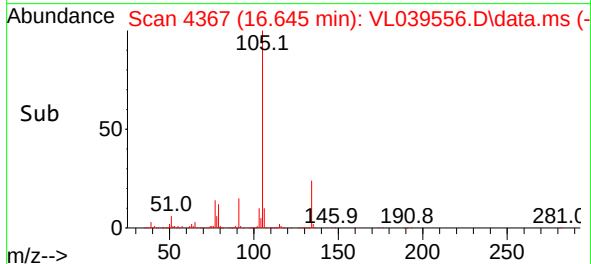
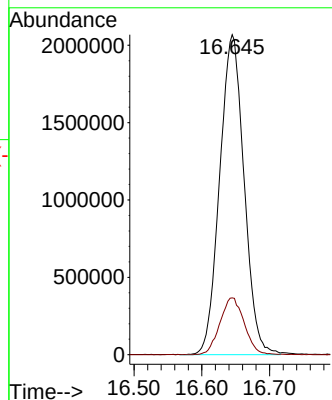
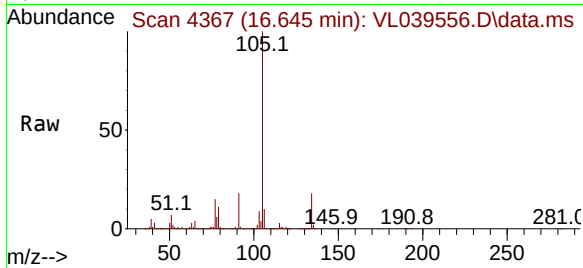




#67
 sec-Butylbenzene
 Concen: 10.344 ppbv
 RT: 16.645 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL039556.D
 Acq: 17 Aug 2022 20:15

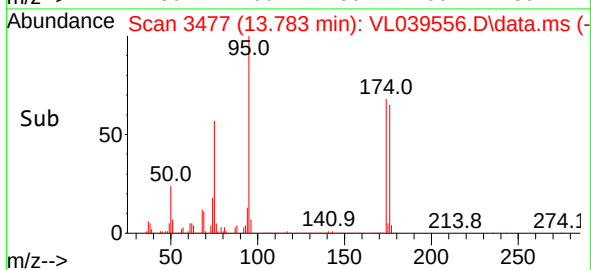
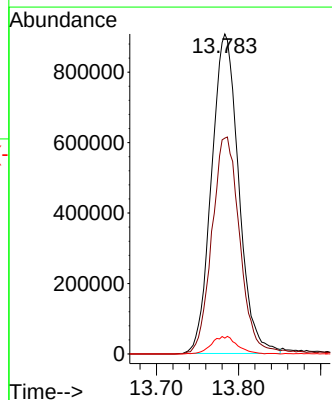
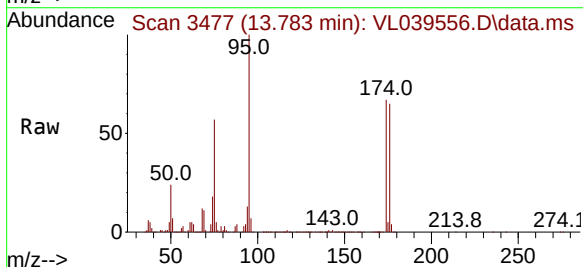
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010EC

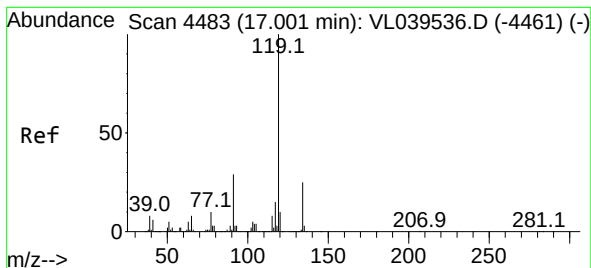
Tgt Ion:105 Resp: 5165563
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.3 21.5



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.572 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. 0.007 min
 Lab File: VL039556.D
 Acq: 17 Aug 2022 20:15

Tgt Ion: 95 Resp: 2089606
 Ion Ratio Lower Upper
 95 100
 174 70.6 56.3 84.5
 175 5.3 4.3 6.5





#69

p-Isopropyltoluene

Concen: 10.536 ppbv

RT: 17.005 min Scan# 4483

Delta R.T. 0.004 min

Lab File: VL039556.D

Acq: 17 Aug 2022 20:15

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010EC

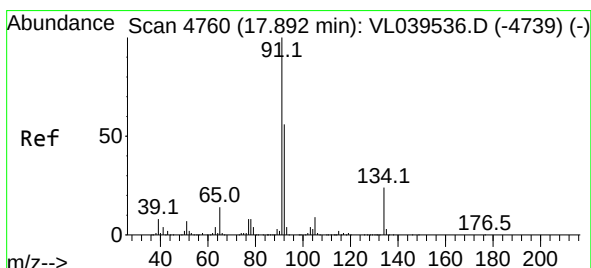
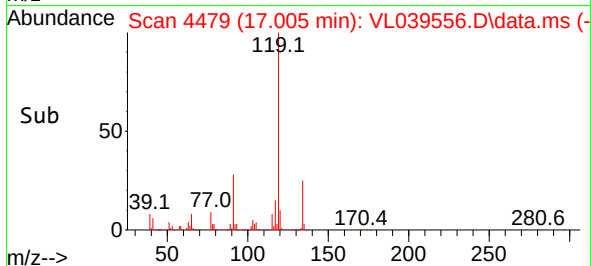
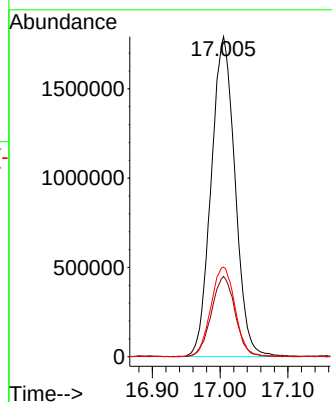
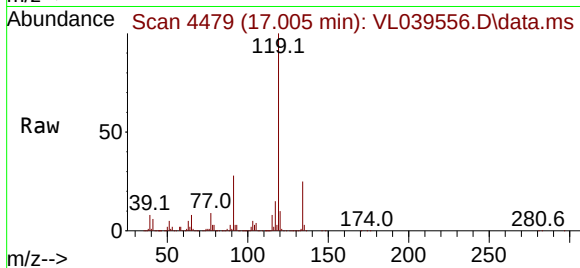
Tgt Ion:119 Resp: 4383173

Ion Ratio Lower Upper

119 100

134 25.0 19.8 29.6

91 28.6 22.6 33.8



#70

n-Butylbenzene

Concen: 10.800 ppbv

RT: 17.896 min Scan# 4756

Delta R.T. 0.004 min

Lab File: VL039556.D

Acq: 17 Aug 2022 20:15

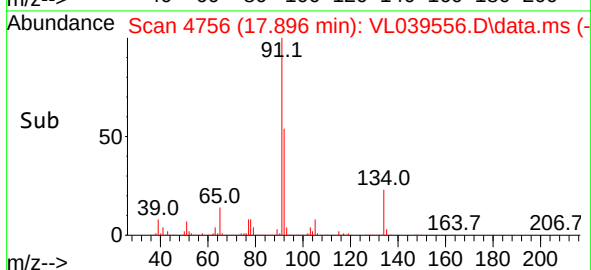
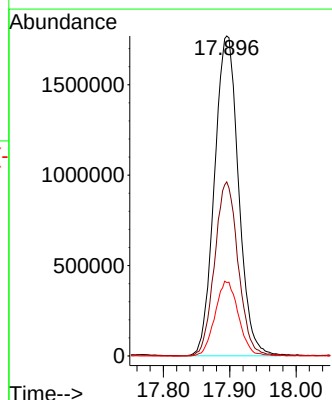
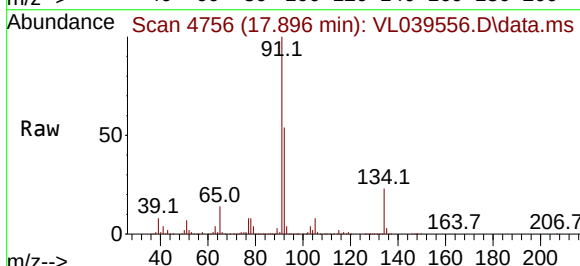
Tgt Ion: 91 Resp: 4460443

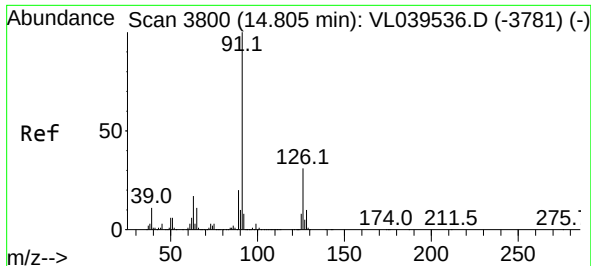
Ion Ratio Lower Upper

91 100

92 53.4 43.0 64.6

134 22.9 18.1 27.1

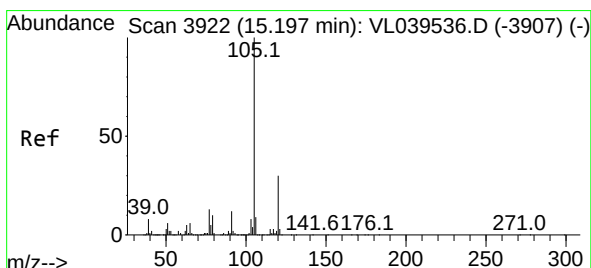
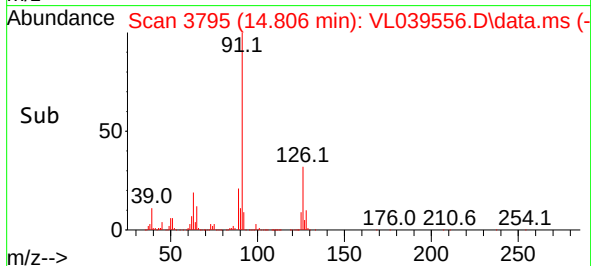
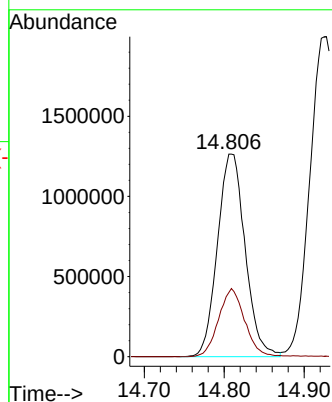
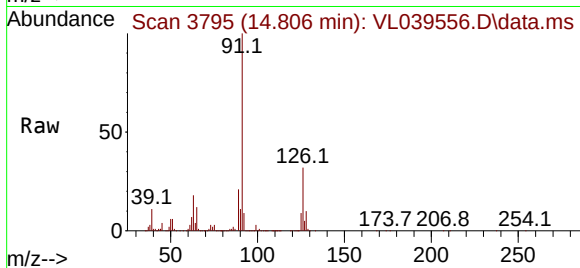




#71
2-Chlorotoluene
Concen: 10.571 ppbv
RT: 14.806 min Scan# 31
Delta R.T. 0.001 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

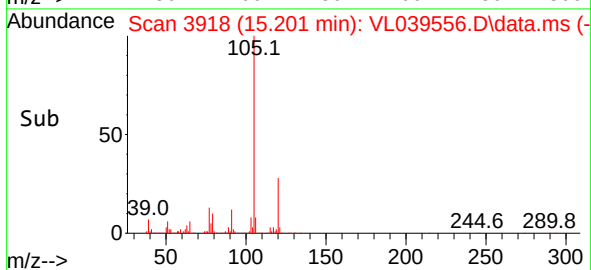
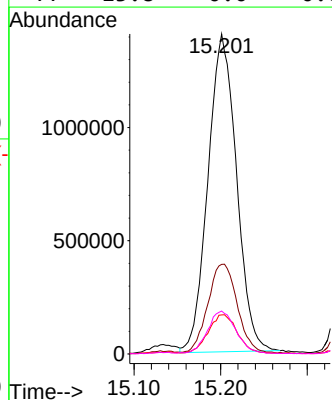
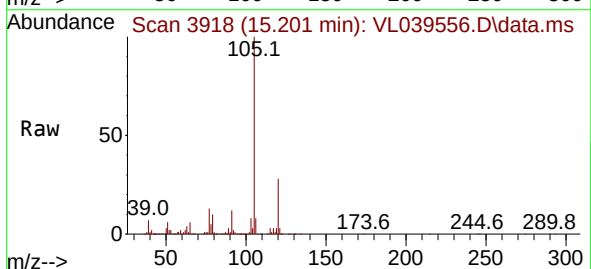
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

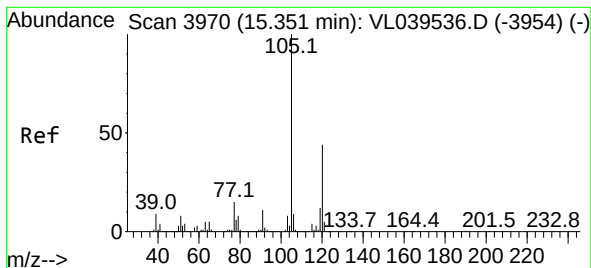
Tgt Ion: 91 Resp: 3038315
Ion Ratio Lower Upper
91 100
126 32.3 12.9 51.5



#72
4-Ethyltoluene
Concen: 10.425 ppbv
RT: 15.201 min Scan# 3918
Delta R.T. 0.004 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

Tgt Ion: 105 Resp: 3210017
Ion Ratio Lower Upper
105 100
120 29.6 0.0 0.0#
91 12.6 0.0 0.0#
77 13.8 0.0 0.0#





#73

1,3,5-Trimethylbenzene

Concen: 10.303 ppbv

RT: 15.359 min Scan# 3970

Delta R.T. 0.007 min

Lab File: VL039556.D

Acq: 17 Aug 2022 20:15

Instrument :

MSVOA_L

ClientSampleId :

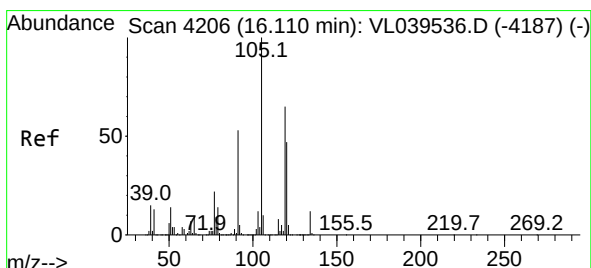
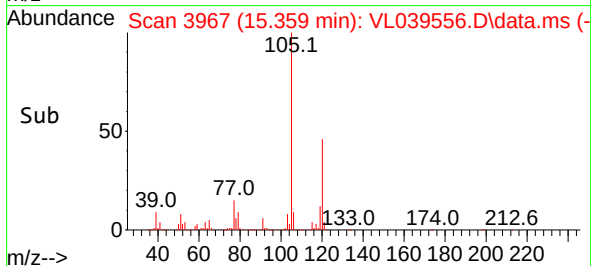
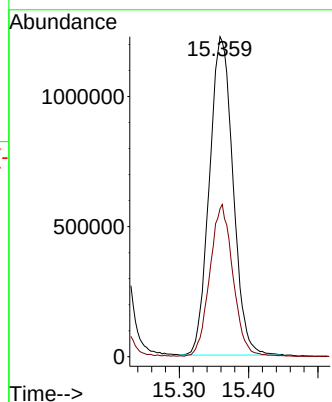
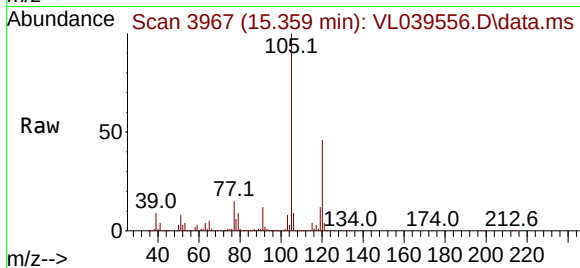
VSTDCCC010EC

Tgt Ion:105 Resp: 2897412

Ion Ratio Lower Upper

105 100

120 46.2 35.4 53.2



#74

1,2,4-Trimethylbenzene

Concen: 9.963 ppbv

RT: 16.118 min Scan# 4203

Delta R.T. 0.007 min

Lab File: VL039556.D

Acq: 17 Aug 2022 20:15

Tgt Ion:105 Resp: 3123958

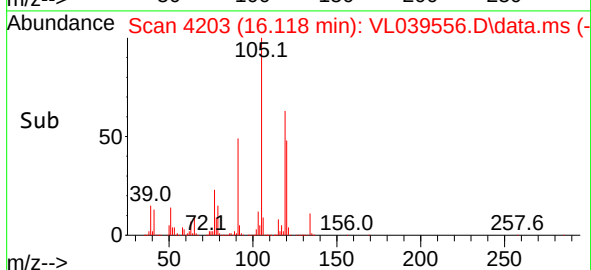
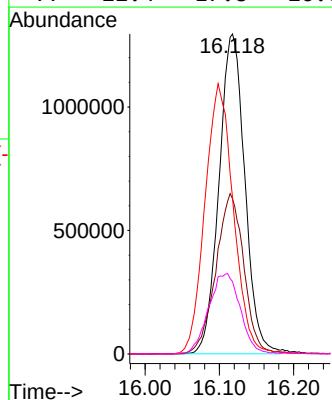
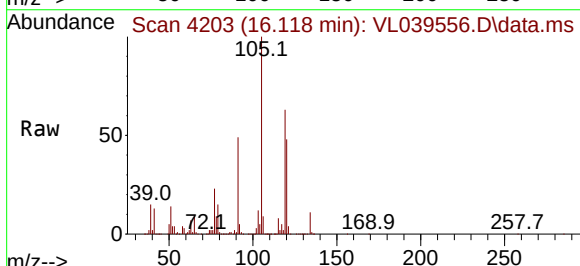
Ion Ratio Lower Upper

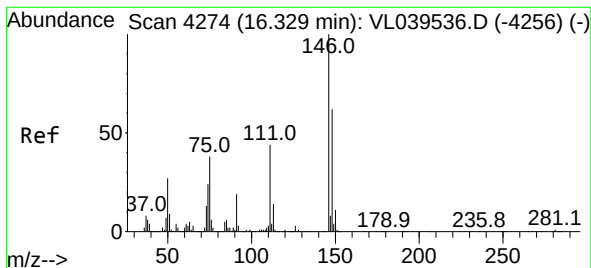
105 100

120 48.4 37.8 56.8

91 48.5 43.8 65.6

77 22.4 17.8 26.6





#75

1,3-Dichlorobenzene

Concen: 9.931 ppbv

RT: 16.339 min Scan# 4316

Delta R.T. 0.010 min

Lab File: VL039556.D

Acq: 17 Aug 2022 20:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

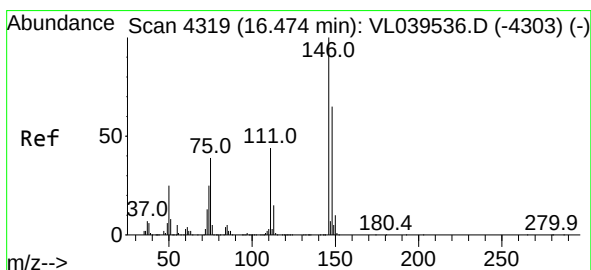
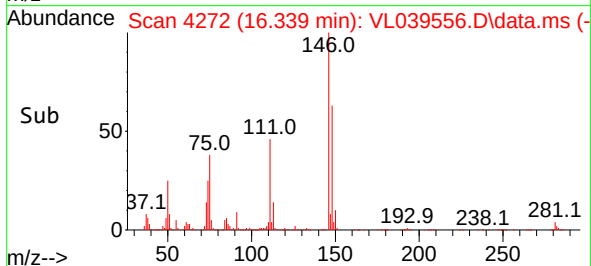
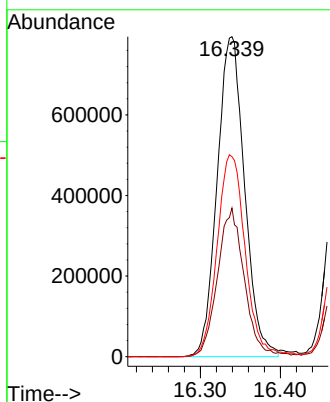
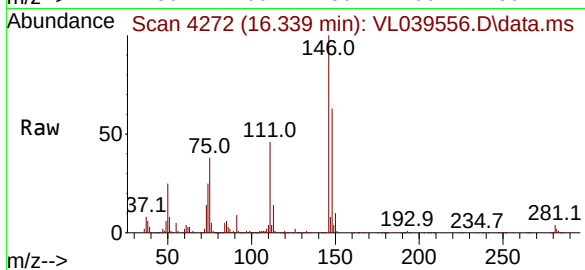
Tgt Ion:146 Resp: 1891625

Ion Ratio Lower Upper

146 100

111 45.3 22.9 68.5

148 64.8 32.4 97.0



#76

1,4-Dichlorobenzene

Concen: 9.508 ppbv

RT: 16.481 min Scan# 4316

Delta R.T. 0.007 min

Lab File: VL039556.D

Acq: 17 Aug 2022 20:15

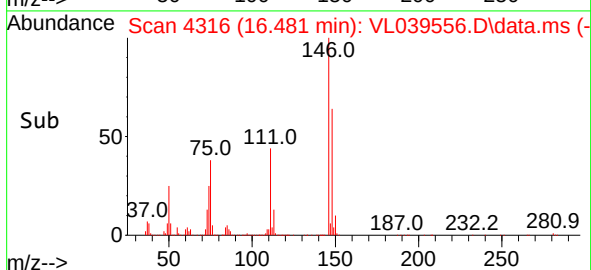
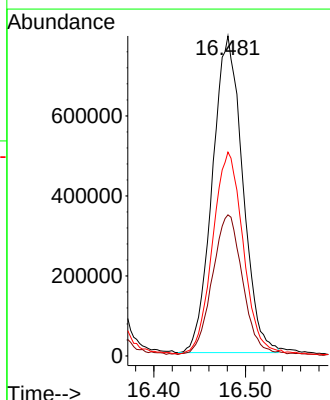
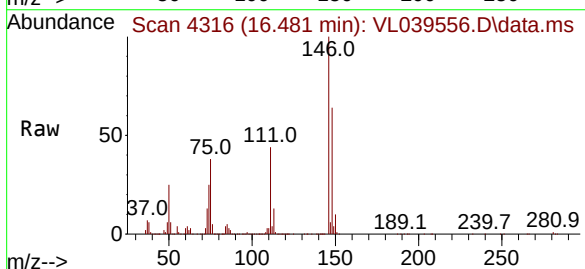
Tgt Ion:146 Resp: 1813676

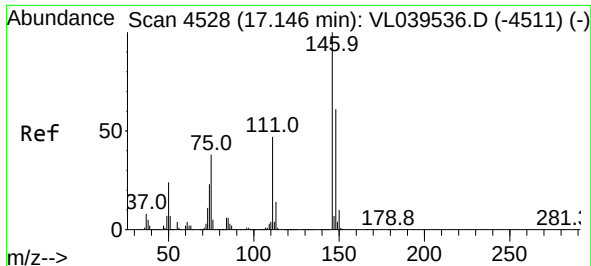
Ion Ratio Lower Upper

146 100

111 46.1 22.3 66.8

148 66.7 31.5 94.5

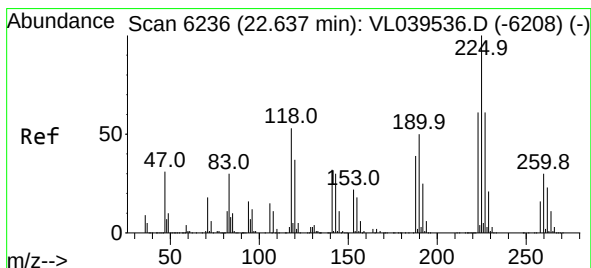
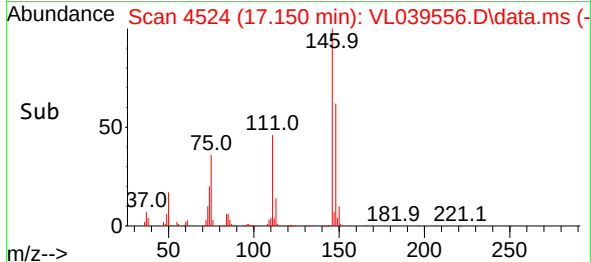
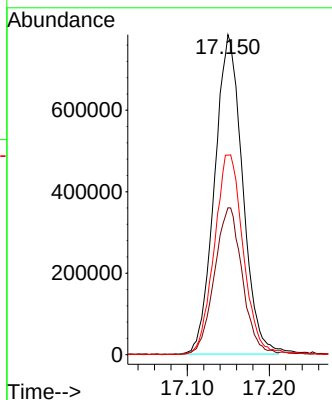
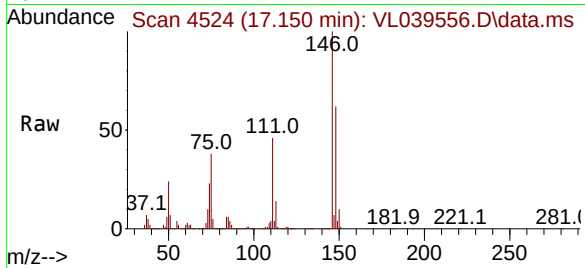




#77
 1,2-Dichlorobenzene
 Concen: 9.936 ppbv
 RT: 17.150 min Scan# 4528
 Delta R.T. 0.004 min
 Lab File: VL039556.D
 Acq: 17 Aug 2022 20:15

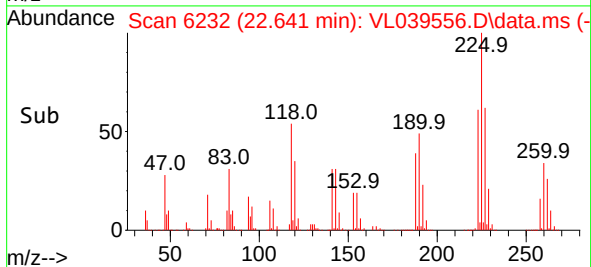
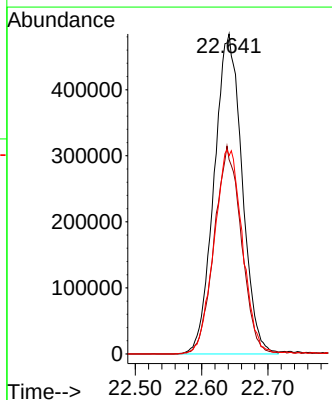
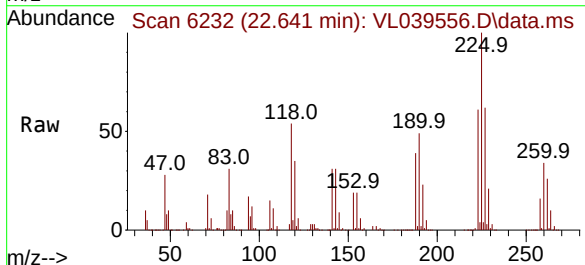
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

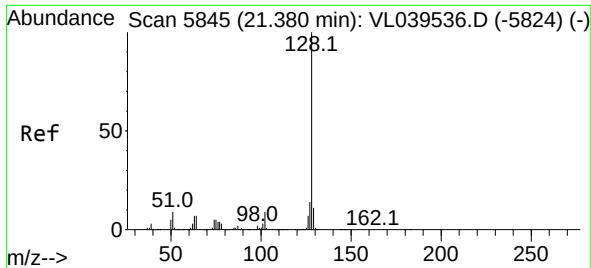
Tgt Ion:146 Resp: 1854587
 Ion Ratio Lower Upper
 146 100
 111 46.9 23.9 71.8
 148 65.0 32.6 97.7



#78
 Hexachloro-1,3-Butadiene
 Concen: 9.567 ppbv
 RT: 22.641 min Scan# 6232
 Delta R.T. 0.004 min
 Lab File: VL039556.D
 Acq: 17 Aug 2022 20:15

Tgt Ion:225 Resp: 1418446
 Ion Ratio Lower Upper
 225 100
 223 63.0 0.0 0.0#
 227 65.4 0.0 0.0#

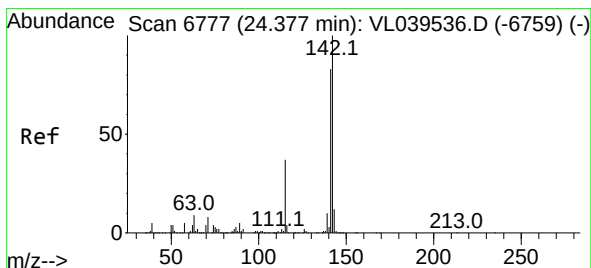
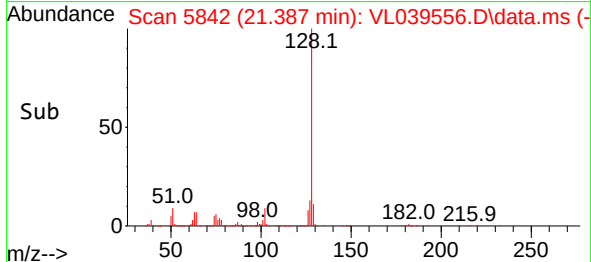
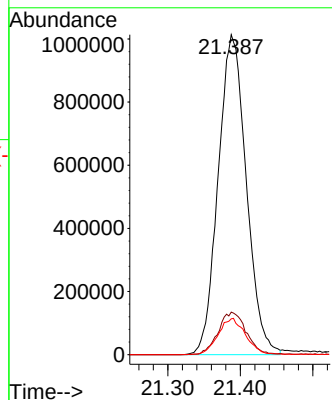
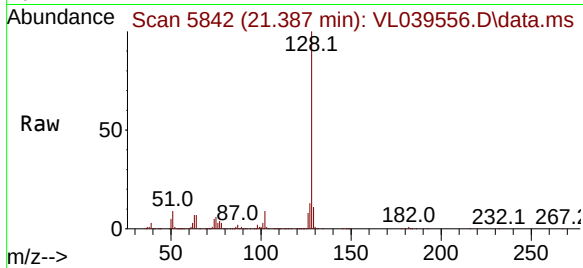




#79
Naphthalene
Concen: 12.240 ppbv
RT: 21.387 min Scan# 5842
Delta R.T. 0.007 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

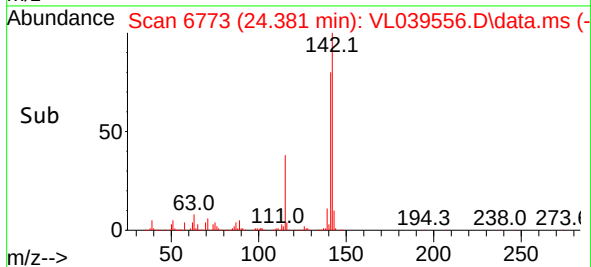
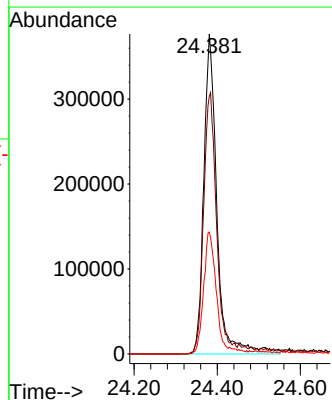
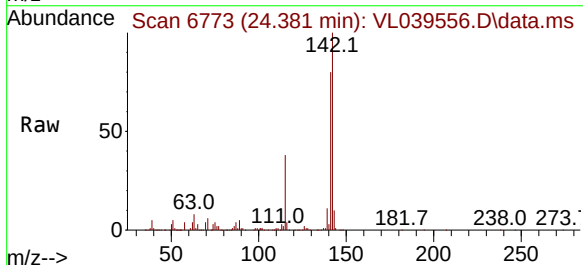
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010EC

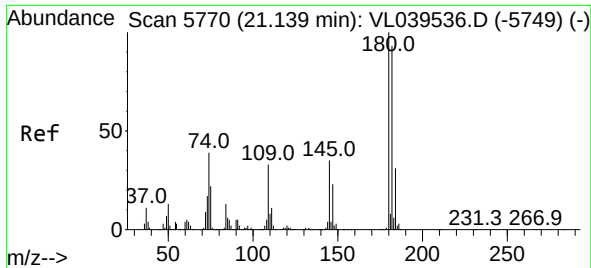
Tgt Ion:128 Resp: 2732722
Ion Ratio Lower Upper
128 100
127 13.3 10.8 16.2
129 11.2 9.1 13.7



#80
Naphthalene,2-methyl-
Concen: 9.356 ppbv
RT: 24.381 min Scan# 6773
Delta R.T. 0.004 min
Lab File: VL039556.D
Acq: 17 Aug 2022 20:15

Tgt Ion:142 Resp: 825451
Ion Ratio Lower Upper
142 100
141 84.3 0.0 0.0#
115 37.4 0.0 0.0#





#81

1,2,4-Trichlorobenzene

Concen: 10.483 ppbv

RT: 21.146 min Scan# 51

Delta R.T. 0.007 min

Lab File: VL039556.D

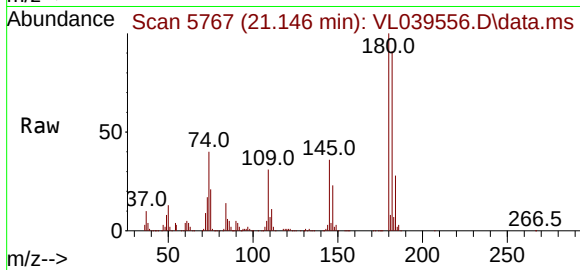
Acq: 17 Aug 2022 20:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:180 Resp: 1560056

Ion Ratio Lower Upper

180 100

182 96.1 0.0 0.0#

184 30.2 0.0 0.0#

