

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110922\
 Data File : VL039844.D
 Acq On : 9 Nov 2022 11:48
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Nov 10 03:43:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Nov 03 09:27:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.172	49	978488	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.629	114	2550741	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.429	117	3095905	10.000	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.738	95	2025045	8.739	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	87.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.735	85	1253494	7.588	ppbv	99
3) Chlorodifluoromethane	2.681	51	1221865	10.474	ppbv	97
4) Chloromethane	2.816	50	706124	9.722	ppbv	100
5) Vinyl Chloride	2.922	62	613638	10.435	ppbv	97
6) Bromomethane	3.121	94	220338	10.504	ppbv	96
7) Chloroethane	3.195	64	213861	9.705	ppbv	99
8) Dichlorotetrafluoroethane	2.861	85	1445053	10.264	ppbv	94
9) Propene	2.700	41	563037	9.264	ppbv	99
10) Heptane	7.549	43	1398640	9.606	ppbv	99
11) Trichlorofluoromethane	3.558	101	1494956	11.096	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.057	101	1047109	10.761	ppbv	99
13) Ethanol	3.243	45	19502	4.540	ppbv	61
14) Bromoethene	3.365	108	449207	10.310	ppbv	97
15) Acetone	3.465	43	958294	8.046	ppbv	99
16) 1,3-Butadiene	2.986	39	550458	9.938	ppbv	97
17) tert-Butyl alcohol	3.870	59	1004588	8.857	ppbv	98
18) 1,1-Dichloroethene	3.877	96	479961	10.758	ppbv	90
19) Isopropyl Alcohol	3.571	45	514796	8.733	ppbv #	33
20) Methylene Chloride	3.925	84	408865	9.596	ppbv	92
21) Allyl Chloride	3.989	41	719129	9.546	ppbv	99
22) trans-1,2-Dichloroethene	4.433	96	515666	11.388	ppbv	95
23) Vinyl Acetate	4.613	43	412103	8.685	ppbv #	98
24) 1,1-Dichloroethane	4.552	63	977138	10.082	ppbv	99
25) Ethyl Acetate	5.189	43	2345092	9.559	ppbv	99
26) Hexane	5.195	57	1007301	9.209	ppbv	99
27) Carbon Disulfide	4.115	76	1228036	10.691	ppbv	99
28) Methyl tert-Butyl Ether	4.574	73	976531	9.863	ppbv	97
29) Chloroform	5.256	83	1660483	10.796	ppbv	98
30) Cyclohexane	6.574	84	892518	9.757	ppbv	98
31) cis-1,2-Dichloroethene	5.063	61	784537	7.866	ppbv	94
32) 1,1,1-Trichloroethane	5.979	97	1675999	10.946	ppbv	99
34) 2-Butanone	4.774	43	1097502	10.430	ppbv	98
35) Carbon Tetrachloride	6.468	117	1680586	11.303	ppbv	98
36) Benzene	6.346	78	2238339	10.403	ppbv	97
37) 1,2-Dichloroethane	5.787	62	1288877	12.485	ppbv	97
38) Trichloroethene	7.262	130	1167833	10.140	ppbv	95
39) 1,2-Dichloropropane	7.044	63	891866	10.639	ppbv	97
40) 1,4-Dioxane	7.256	88	148304	4.620	ppbv #	1
41) Tetrahydrofuran	5.539	42	903903	10.278	ppbv	99
42) Bromodichloromethane	7.221	83	1896893	11.504	ppbv	97
43) Methyl Methacrylate	7.449	69	905954	10.654	ppbv	97
44) 2,2,4-Trimethylpentane	7.298	57	3735707	10.286	ppbv	100
45) t-1,3-Dichloropropene	8.677	75	902411	11.078	ppbv	99

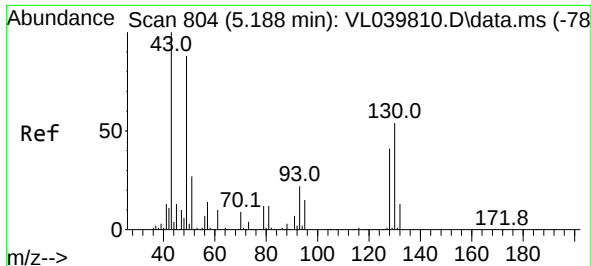
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110922\
 Data File : VL039844.D
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Quant Time: Nov 10 03:43:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Nov 03 09:27:12 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.111	75	1196427	10.761	ppbv	97
47) 1,1,2-Trichloroethane	8.864	97	887433	10.454	ppbv	97
48) Dibromochloromethane	9.674	129	1466642	10.139	ppbv	99
49) Bromoform	12.368	173	1088298	9.360	ppbv	98
50) 4-Methyl-2-Pentanone	8.153	43	2297330	10.664	ppbv	100
51) 2-Hexanone	9.520	43	1829545	10.892	ppbv	99
52) Tetrachloroethene	10.577	164	726686	9.015	ppbv	94
53) Toluene	9.185	91	2478878	10.042	ppbv	100
54) 1,2-Dibromoethane	9.973	107	1056102	11.210	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.471	131	1017322	7.686	ppbv	96
57) Chlorobenzene	11.487	112	1757537	7.484	ppbv	95
58) Ethyl Benzene	12.053	91	3270437	7.813	ppbv	98
59) m/p-Xylene	12.336	91	2965820	8.488	ppbv #	49
60) o-Xylene	13.021	91	2543923	7.684	ppbv	97
61) Styrene	12.860	104	1552026	7.619	ppbv	97
62) Isopropylbenzene	13.995	105	3562590	7.377	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.008	83	898682	7.290	ppbv	98
64) n-propylbenzene	14.883	120	913929	7.075	ppbv	84
65) tert-Butylbenzene	16.053	119	2894109	6.825	ppbv	93
66) Benzyl Chloride	16.291	91	228996	4.645	ppbv	95
67) sec-Butylbenzene	16.600	105	4181525	7.245	ppbv	97
69) p-Isopropyltoluene	16.963	119	3259690	6.809	ppbv	97
70) n-Butylbenzene	17.854	91	3514711	7.594	ppbv	97
71) 2-Chlorotoluene	14.764	91	2759385	7.605	ppbv	97
72) 4-Ethyltoluene	15.159	105	2769484	7.429	ppbv	97
73) 1,3,5-Trimethylbenzene	15.317	105	2459096	7.441	ppbv	94
74) 1,2,4-Trimethylbenzene	16.072	105	2599819	7.405	ppbv	98
75) 1,3-Dichlorobenzene	16.294	146	1447434	7.061	ppbv	98
76) 1,4-Dichlorobenzene	16.436	146	1396993	6.945	ppbv	99
77) 1,2-Dichlorobenzene	17.108	146	1353229	7.002	ppbv	98
78) Hexachloro-1,3-Butadiene	22.593	225	927879	6.480	ppbv	99
79) Naphthalene	21.342	128	2104465	8.244	ppbv	98
80) Naphthalene,2-methyl-	24.352	142	703277	6.498	ppbv	95
81) 1,2,4-Trichlorobenzene	21.101	180	1080816	7.569	ppbv	98

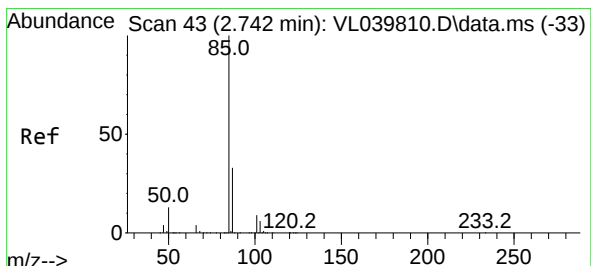
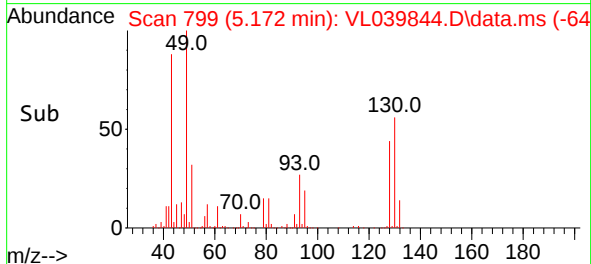
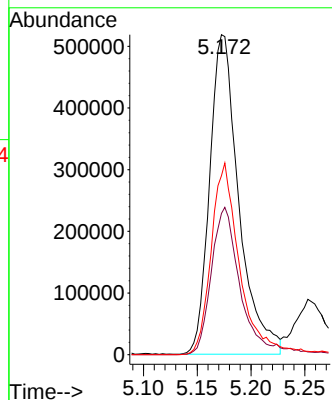
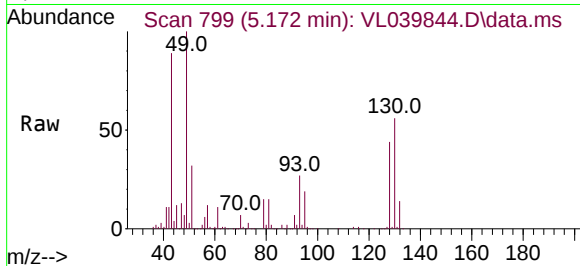
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.172 min Scan# 79
 Delta R.T. -0.016 min
 Lab File: VL039844.D
 Acq: 9 Nov 2022 11:48

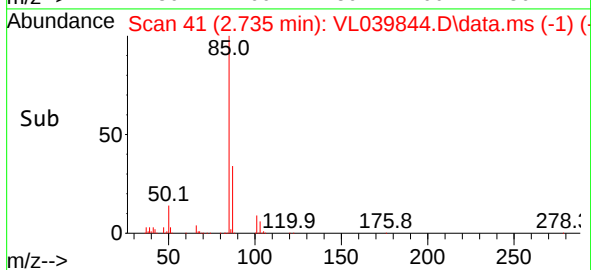
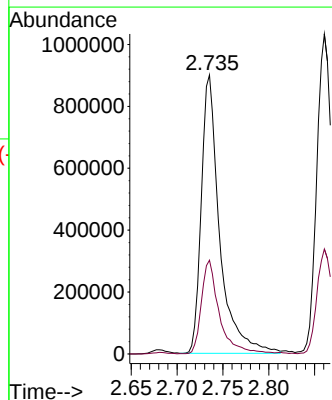
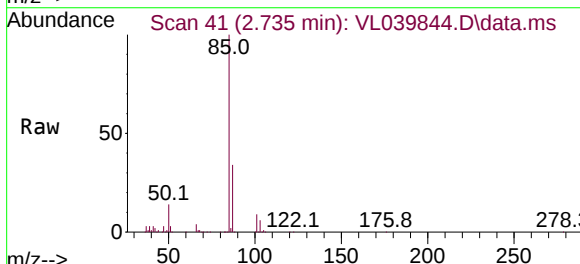
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

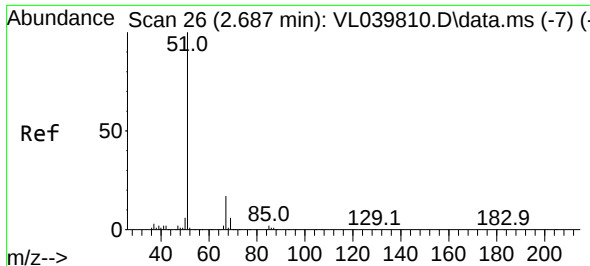
Tgt Ion: 49 Resp: 978488
 Ion Ratio Lower Upper
 49 100
 128 47.4 24.6 73.6
 130 60.1 31.1 93.2



#2
 Dichlorodifluoromethane
 Concen: 7.588 ppbv
 RT: 2.735 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL039844.D
 Acq: 9 Nov 2022 11:48

Tgt Ion: 85 Resp: 1253494
 Ion Ratio Lower Upper
 85 100
 87 33.6 26.4 39.6

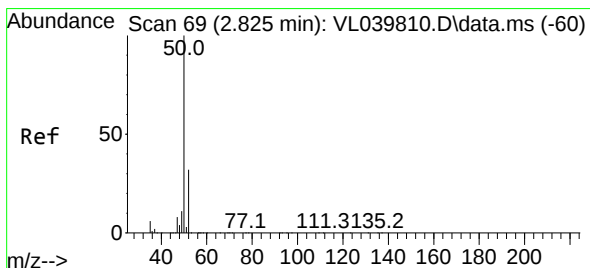
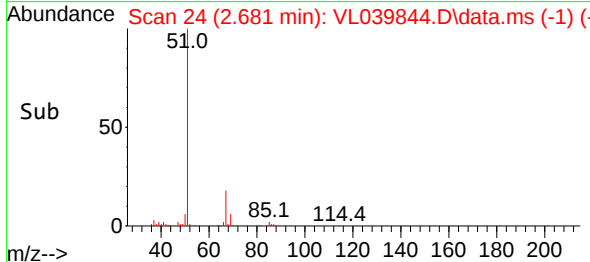
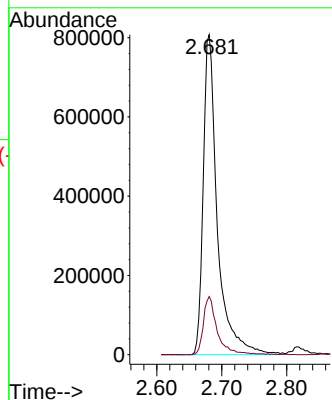
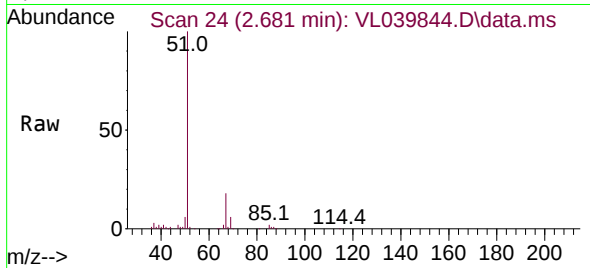




#3
Chlorodifluoromethane
Concen: 10.474 ppbv
RT: 2.681 min Scan# 24
Delta R.T. -0.006 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

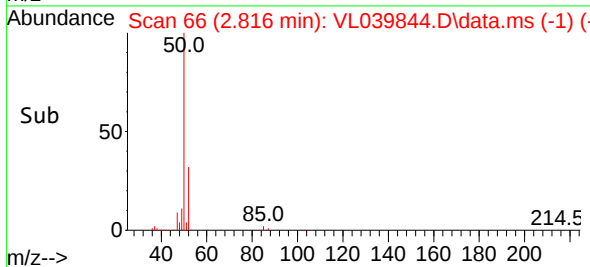
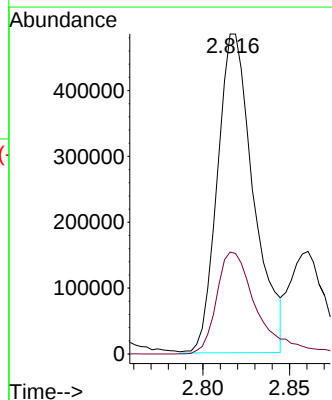
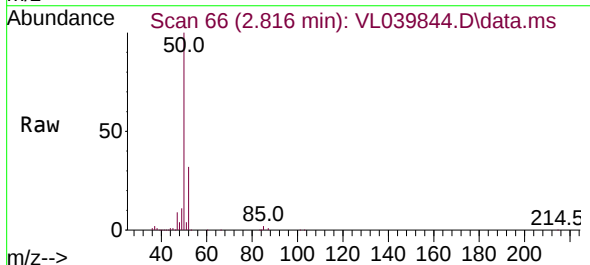
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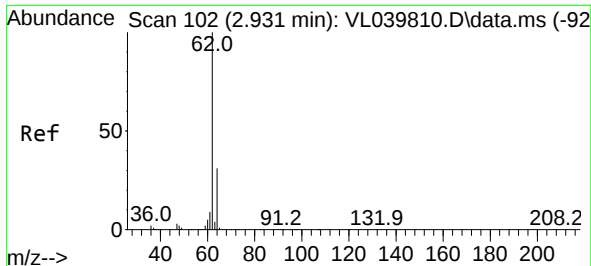
Tgt Ion: 51 Resp: 1221865
Ion Ratio Lower Upper
51 100
67 18.0 13.2 19.8



#4
Chloromethane
Concen: 9.722 ppbv
RT: 2.816 min Scan# 66
Delta R.T. -0.010 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

Tgt Ion: 50 Resp: 706124
Ion Ratio Lower Upper
50 100
52 32.0 25.5 38.3

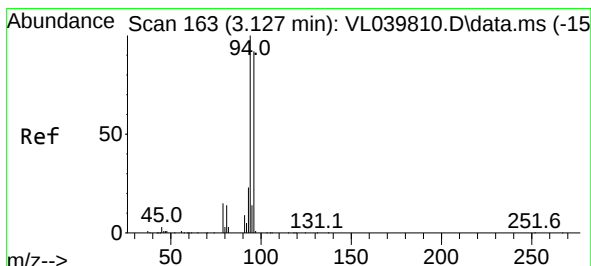
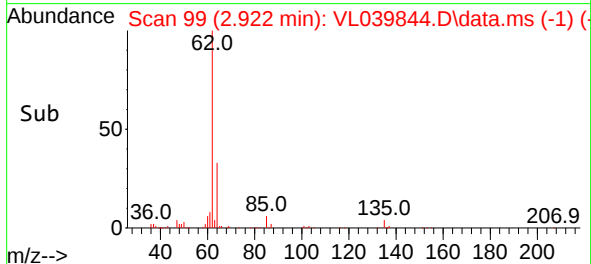
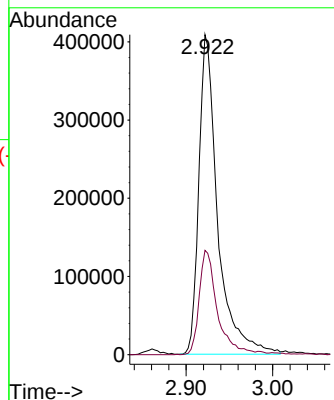
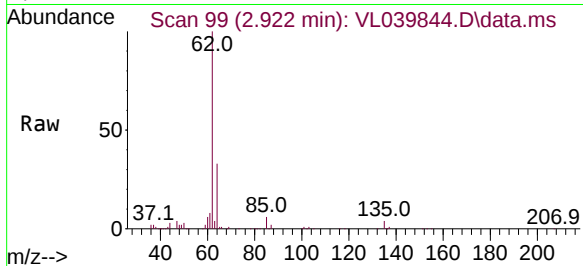




#5
 Vinyl Chloride
 Concen: 10.435 ppbv
 RT: 2.922 min Scan# 91
 Delta R.T. -0.010 min
 Lab File: VL039844.D
 Acq: 9 Nov 2022 11:48

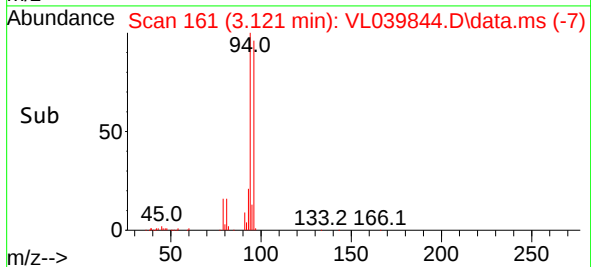
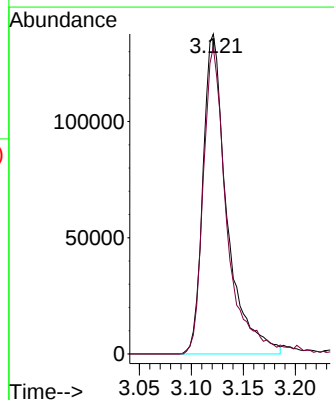
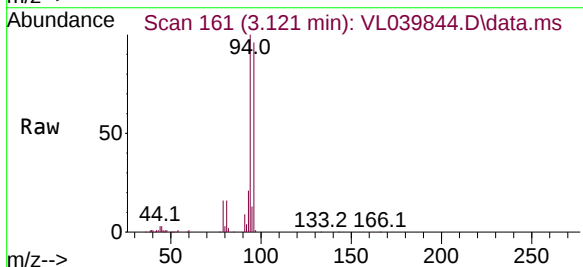
Instrument :
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 ClientSampleId :
 VSTDCCC010

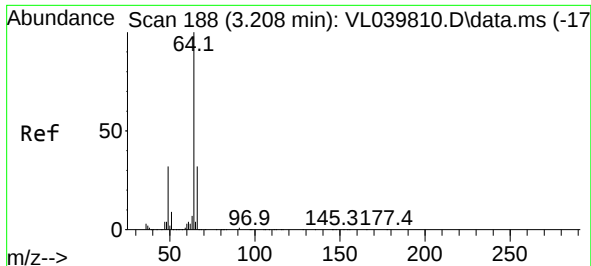
Tgt Ion: 62 Resp: 613638
 Ion Ratio Lower Upper
 62 100
 64 32.6 25.0 37.4



#6
 Bromomethane
 Concen: 10.504 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. -0.006 min
 Lab File: VL039844.D
 Acq: 9 Nov 2022 11:48

Tgt Ion: 94 Resp: 220338
 Ion Ratio Lower Upper
 94 100
 96 95.9 73.5 110.3

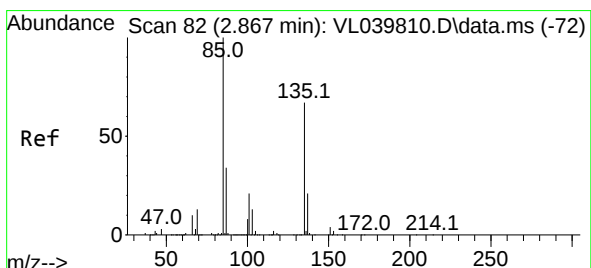
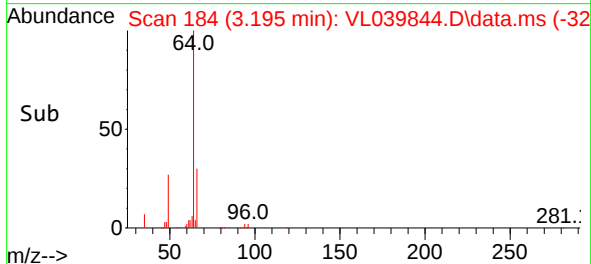
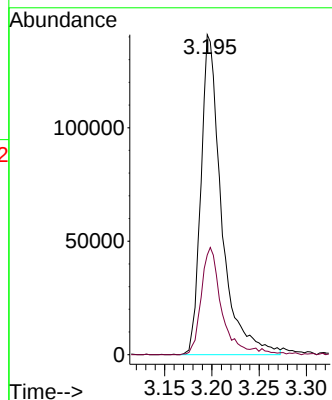
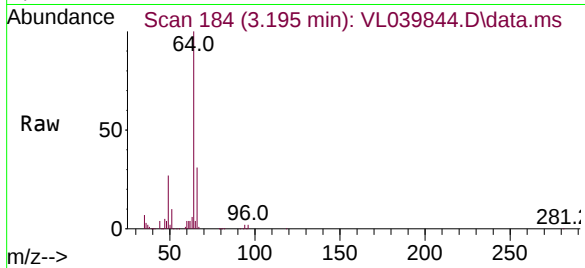




#7
Chloroethane
Concen: 9.705 ppbv
RT: 3.195 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

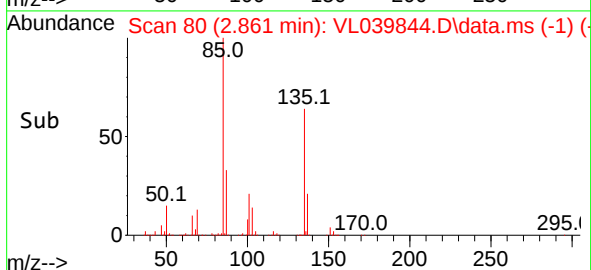
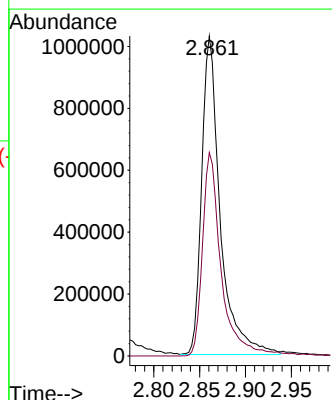
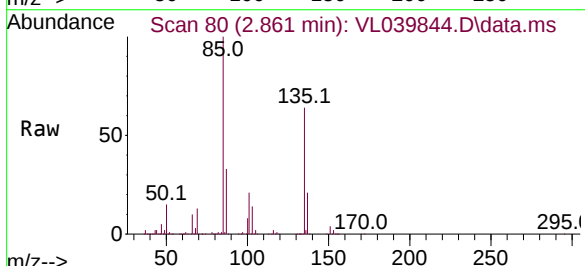
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

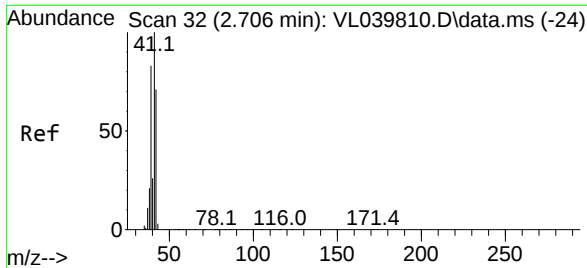
Tgt Ion: 64 Resp: 213861
Ion Ratio Lower Upper
64 100
66 31.2 25.5 38.3



#8
Dichlorotetrafluoroethane
Concen: 10.264 ppbv
RT: 2.861 min Scan# 80
Delta R.T. -0.006 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

Tgt Ion: 85 Resp: 1445053
Ion Ratio Lower Upper
85 100
135 65.6 56.7 85.1





#9

Propene

Concen: 9.264 ppbv

RT: 2.700 min Scan# 30

Delta R.T. -0.006 min

Lab File: VL039844.D

Acq: 9 Nov 2022 11:48

Instrument :

MSVOA_1

ClientSampleId :

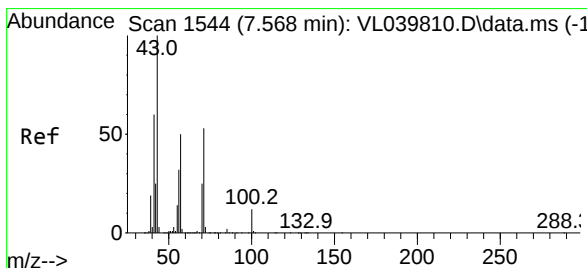
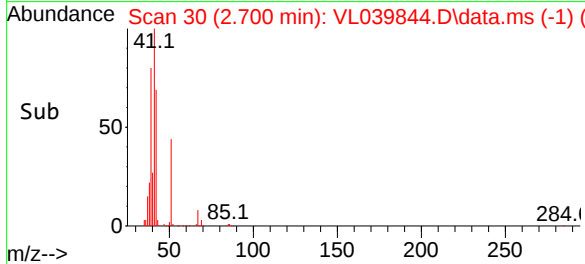
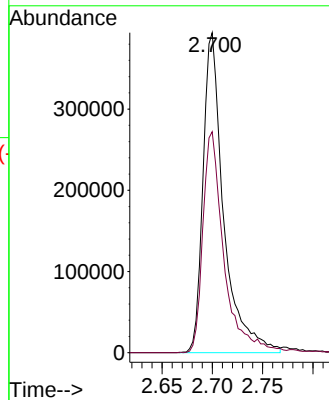
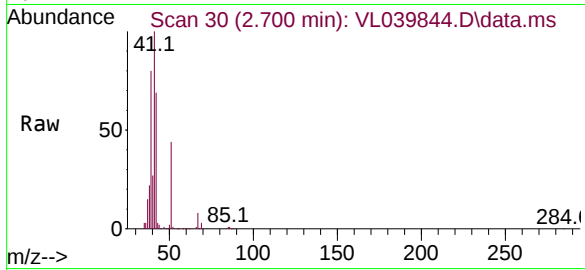
VSTDCCC010

Tgt Ion: 41 Resp: 563037

Ion Ratio Lower Upper

41 100

42 71.3 56.3 84.5



#10

Heptane

Concen: 9.606 ppbv

RT: 7.549 min Scan# 1538

Delta R.T. -0.019 min

Lab File: VL039844.D

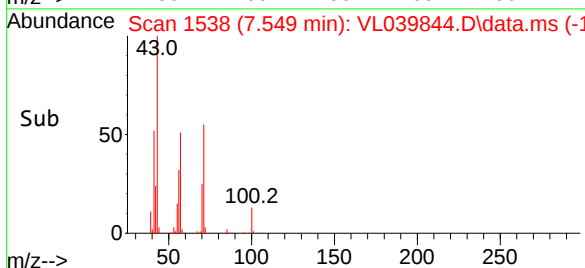
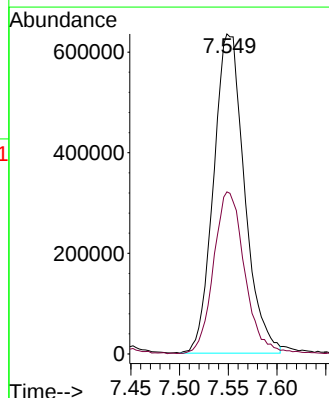
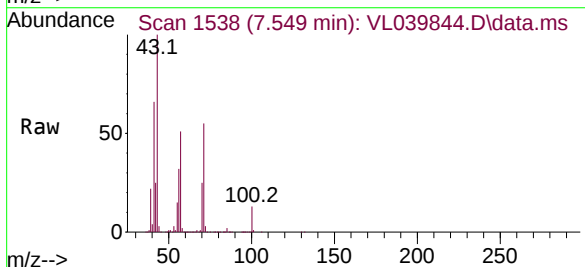
Acq: 9 Nov 2022 11:48

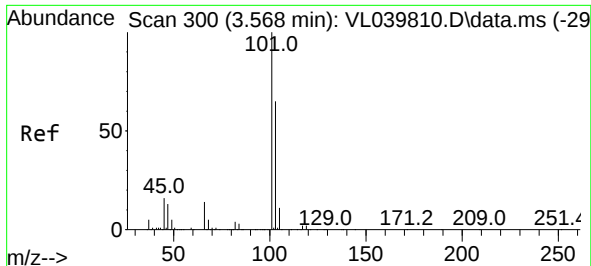
Tgt Ion: 43 Resp: 1398640

Ion Ratio Lower Upper

43 100

57 51.5 40.5 60.7

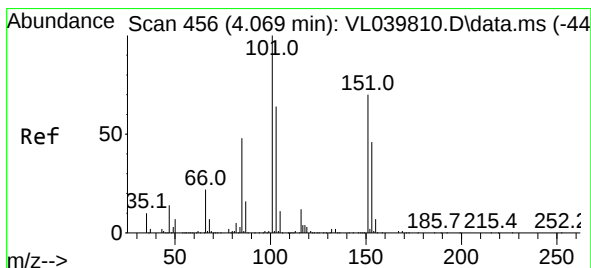
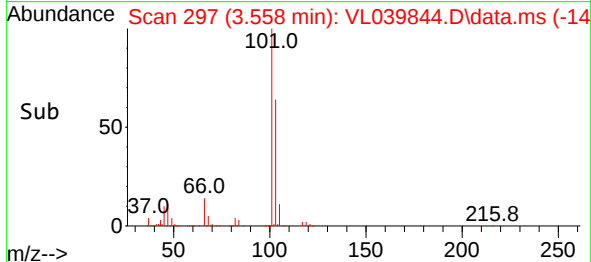
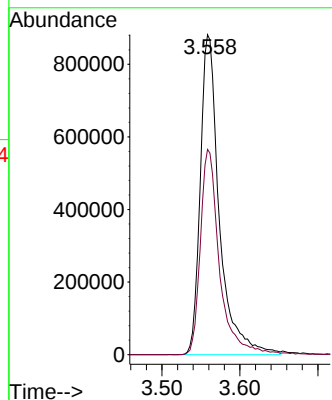
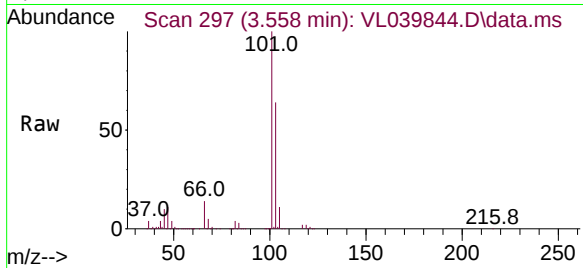




#11
 Trichlorofluoromethane
 Concen: 11.096 ppbv
 RT: 3.558 min Scan# 24
 Delta R.T. -0.010 min
 Lab File: VL039844.D
 Acq: 9 Nov 2022 11:48

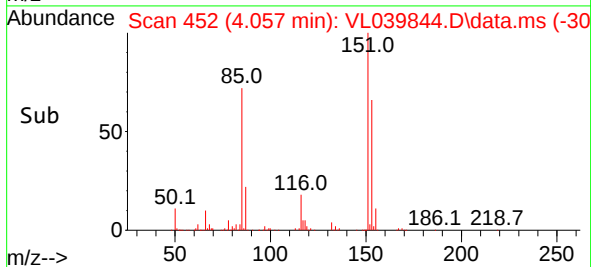
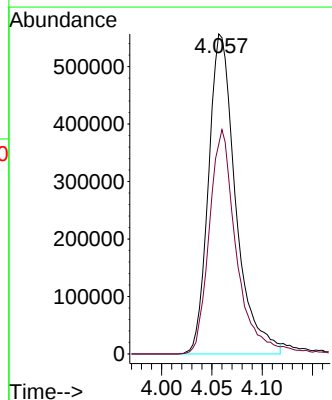
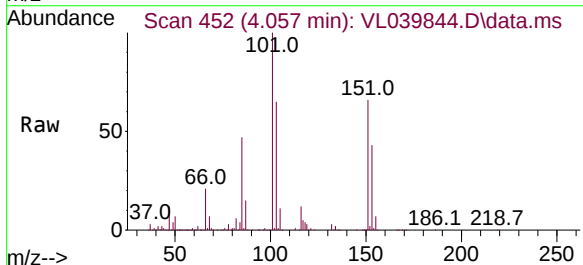
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

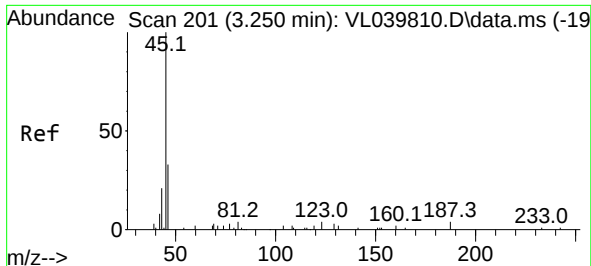
Tgt Ion:101 Resp: 1494956
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.2 78.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.761 ppbv
 RT: 4.057 min Scan# 452
 Delta R.T. -0.013 min
 Lab File: VL039844.D
 Acq: 9 Nov 2022 11:48

Tgt Ion:101 Resp: 1047109
 Ion Ratio Lower Upper
 101 100
 151 71.0 57.2 85.8

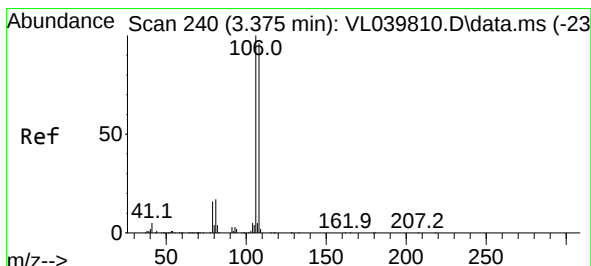
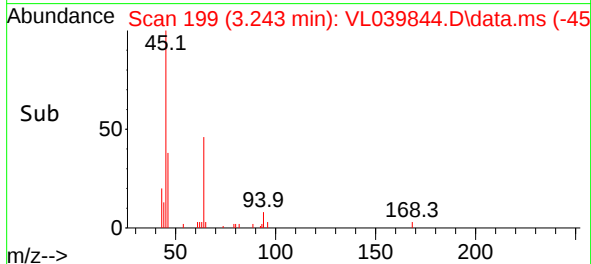
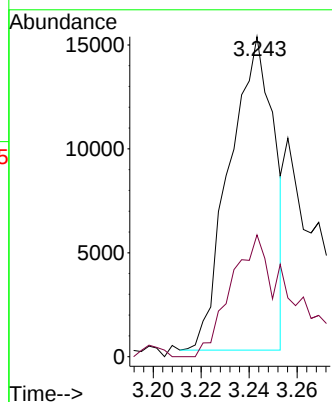
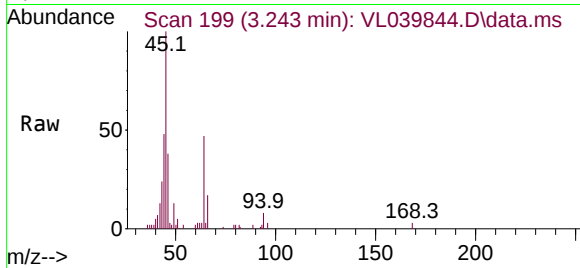




#13
Ethanol
Concen: 4.540 ppbv
RT: 3.243 min Scan# 19
Delta R.T. -0.006 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

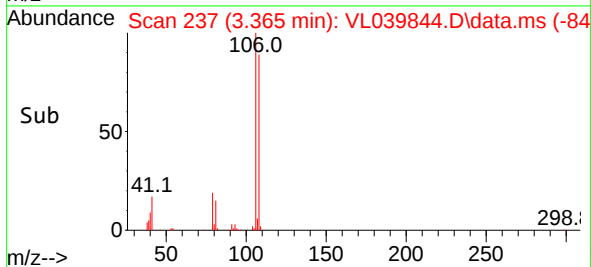
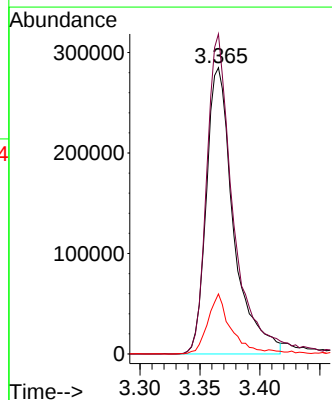
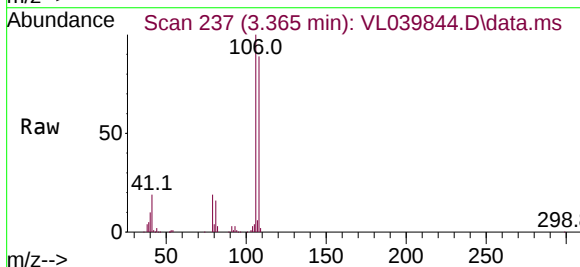
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

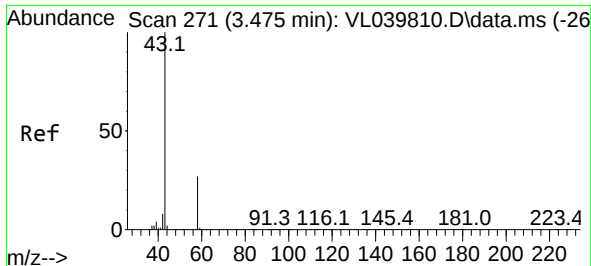
Tgt Ion: 45 Resp: 19502
Ion Ratio Lower Upper
45 100
46 65.4 16.5 65.9



#14
Bromoethene
Concen: 10.310 ppbv
RT: 3.365 min Scan# 237
Delta R.T. -0.010 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

Tgt Ion:108 Resp: 449207
Ion Ratio Lower Upper
108 100
106 112.7 87.8 131.8
79 19.4 14.5 21.7

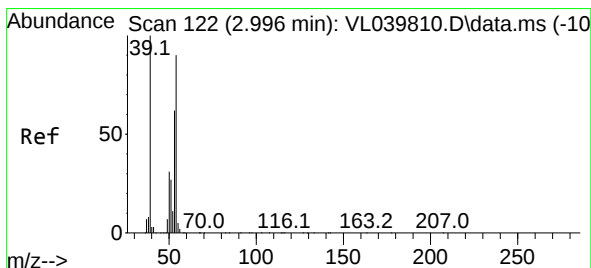
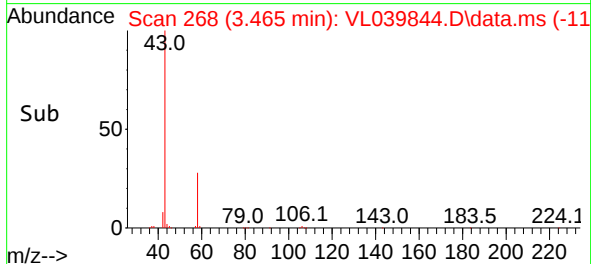
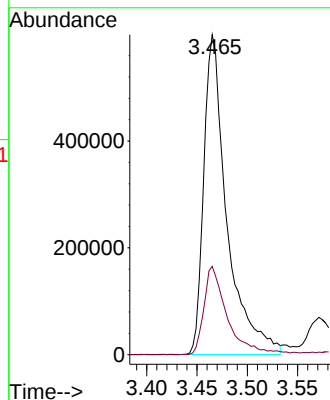
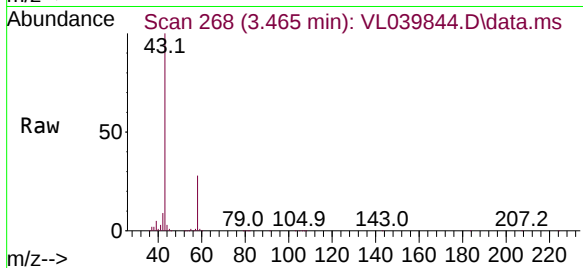




#15
Acetone
Concen: 8.046 ppbv
RT: 3.465 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

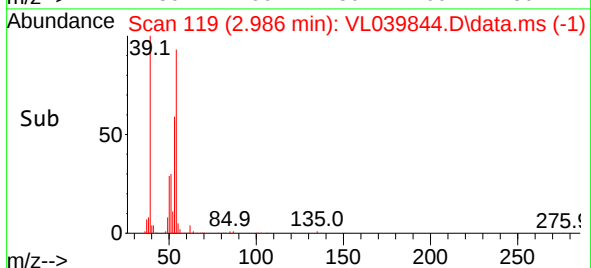
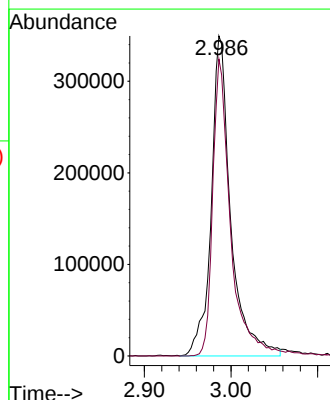
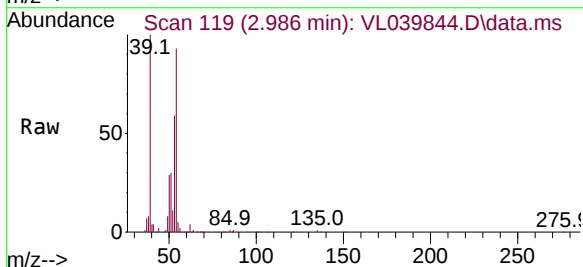
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

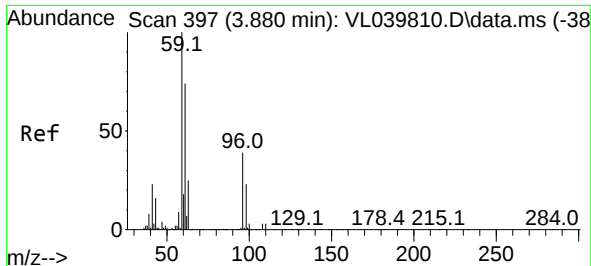
Tgt Ion: 43 Resp: 958294
Ion Ratio Lower Upper
43 100
58 28.2 23.2 34.8



#16
1,3-Butadiene
Concen: 9.938 ppbv
RT: 2.986 min Scan# 119
Delta R.T. -0.010 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

Tgt Ion: 39 Resp: 550458
Ion Ratio Lower Upper
39 100
54 85.5 71.0 106.4





#17

tert-Butyl alcohol

Concen: 8.857 ppbv

RT: 3.870 min Scan# 394

Delta R.T. -0.010 min

Lab File: VL039844.D

Acq: 9 Nov 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :

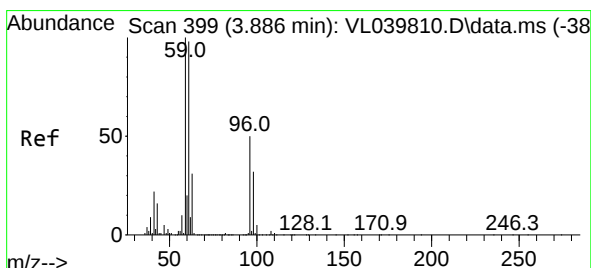
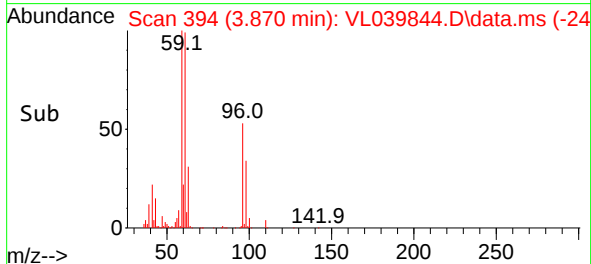
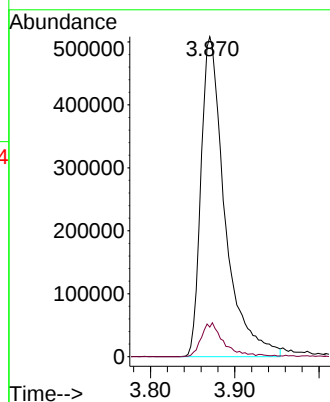
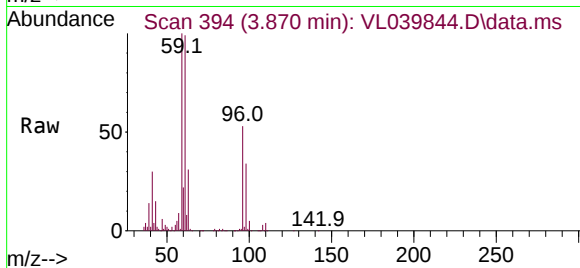
VSTDCCC010

Tgt Ion: 59 Resp: 1004588

Ion Ratio Lower Upper

59 100

57 10.4 9.0 13.6



#18

1,1-Dichloroethene

Concen: 10.758 ppbv

RT: 3.877 min Scan# 396

Delta R.T. -0.010 min

Lab File: VL039844.D

Acq: 9 Nov 2022 11:48

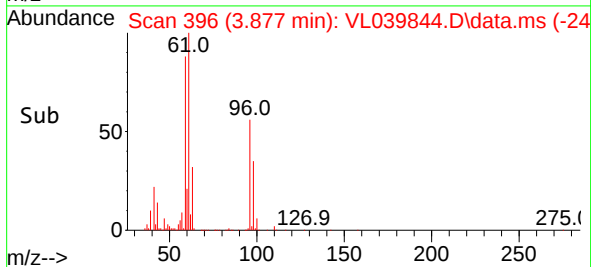
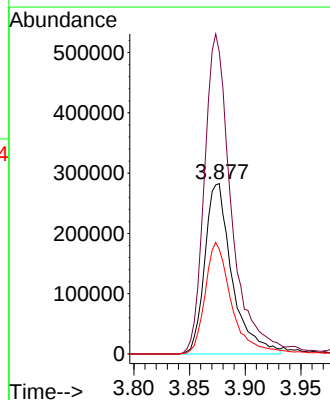
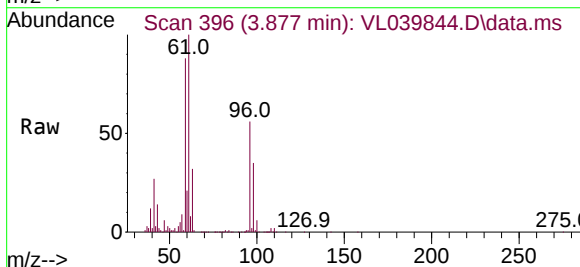
Tgt Ion: 96 Resp: 479961

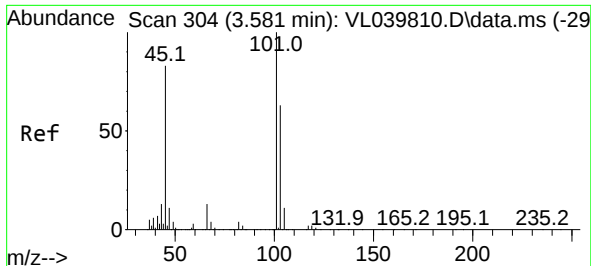
Ion Ratio Lower Upper

96 100

61 177.3 156.9 235.3

98 61.4 50.6 75.8

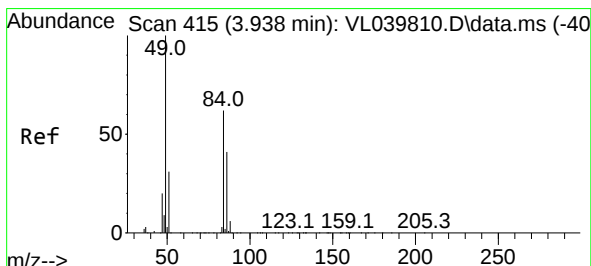
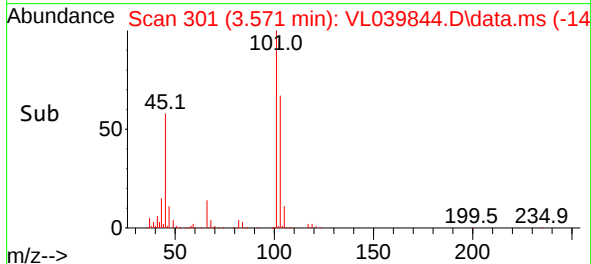
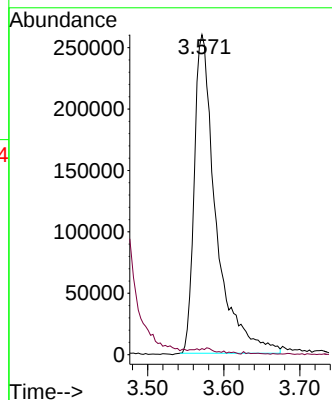
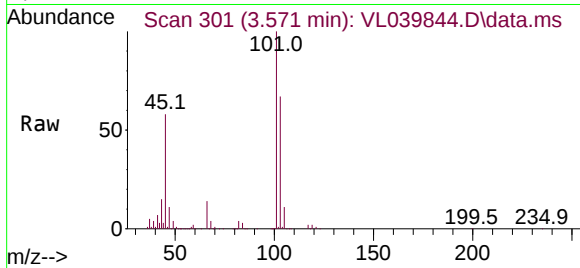




#19
Isopropyl Alcohol
Concen: 8.733 ppbv
RT: 3.571 min Scan# 304
Delta R.T. -0.010 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

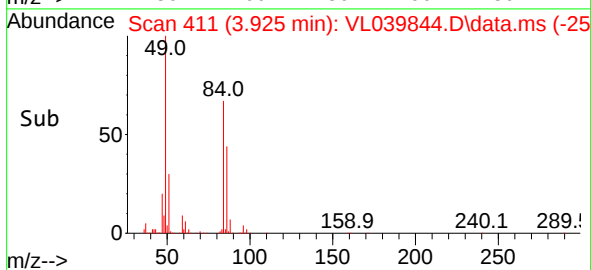
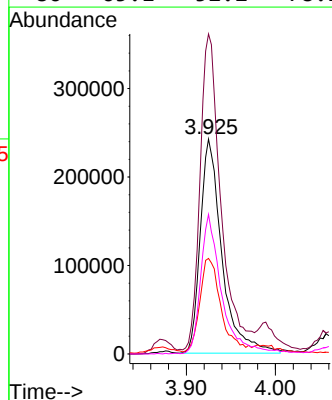
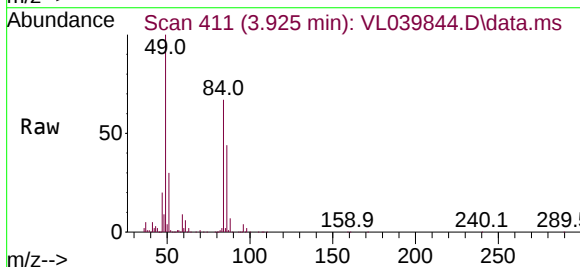
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

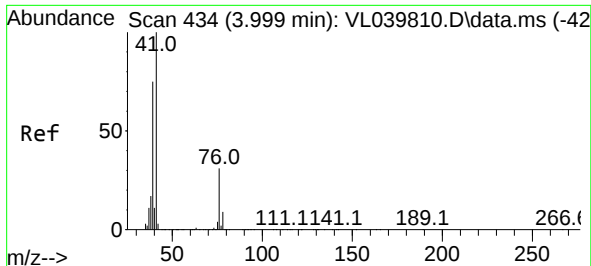
Tgt Ion: 45 Resp: 514796
Ion Ratio Lower Upper
45 100
58 2.5 38.3 57.5#



#20
Methylene Chloride
Concen: 9.596 ppbv
RT: 3.925 min Scan# 411
Delta R.T. -0.013 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

Tgt Ion: 84 Resp: 408865
Ion Ratio Lower Upper
84 100
49 147.3 128.6 192.8
51 43.2 40.2 60.4
86 65.1 52.2 78.2

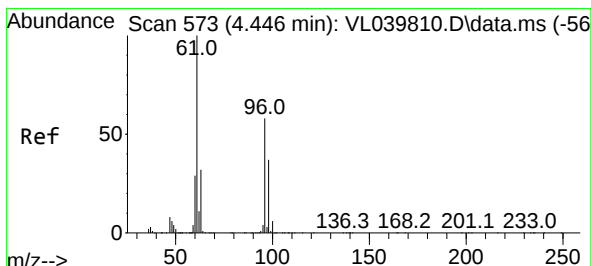
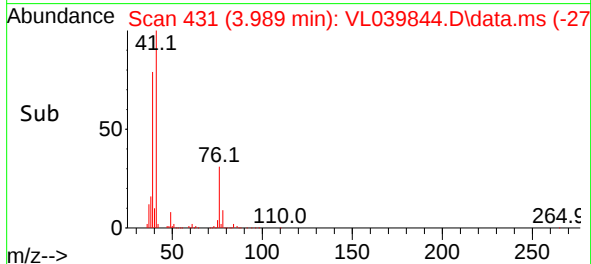
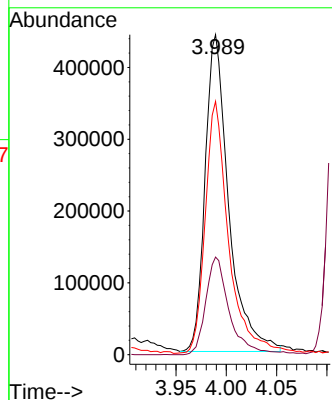
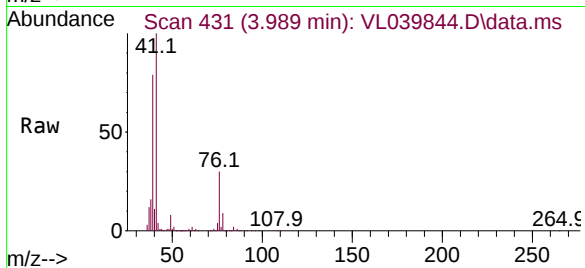




#21
 Allyl Chloride
 Concen: 9.546 ppbv
 RT: 3.989 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VL039844.D
 Acq: 9 Nov 2022 11:48

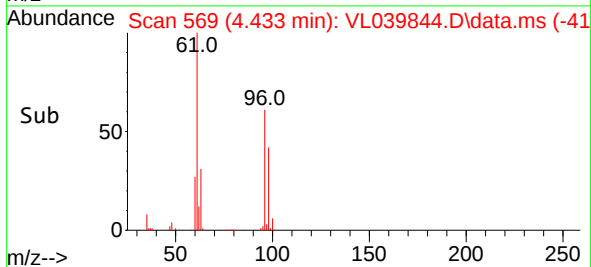
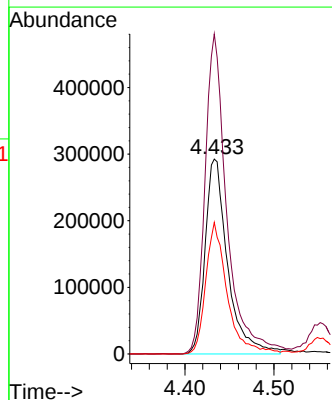
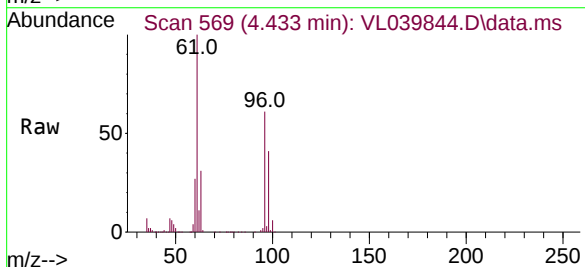
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

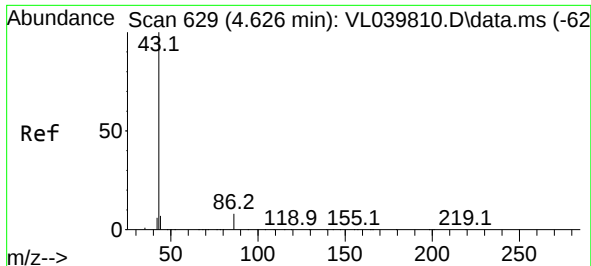
Tgt Ion: 41 Resp: 719129
 Ion Ratio Lower Upper
 41 100
 76 31.3 24.1 36.1
 39 79.6 64.3 96.5



#22
 trans-1,2-Dichloroethene
 Concen: 11.388 ppbv
 RT: 4.433 min Scan# 569
 Delta R.T. -0.013 min
 Lab File: VL039844.D
 Acq: 9 Nov 2022 11:48

Tgt Ion: 96 Resp: 515666
 Ion Ratio Lower Upper
 96 100
 61 164.2 137.6 206.4
 98 67.5 51.2 76.8



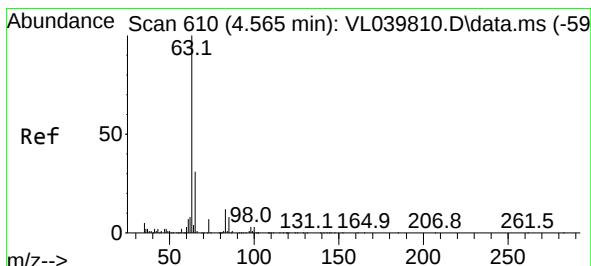
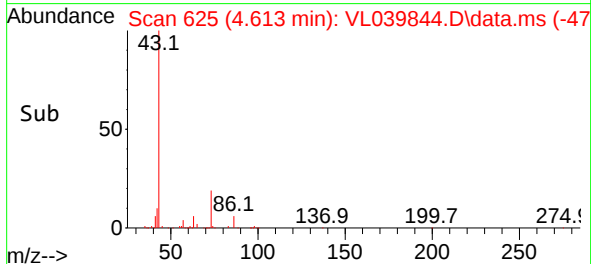
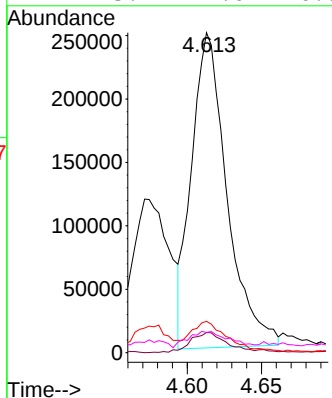
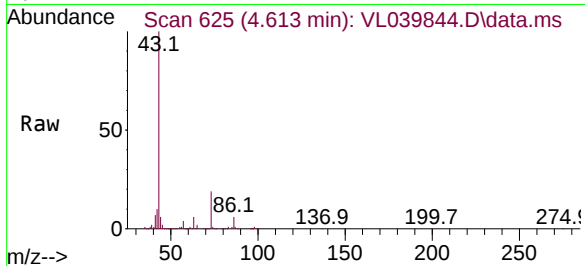


#23
 Vinyl Acetate
 Concen: 8.685 ppbv
 RT: 4.613 min Scan# 61
 Delta R.T. -0.013 min
 Lab File: VL039844.D
 Acq: 9 Nov 2022 11:48

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 412103

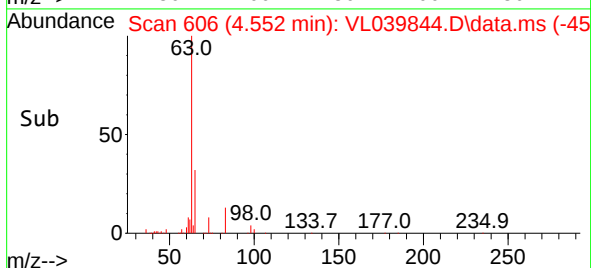
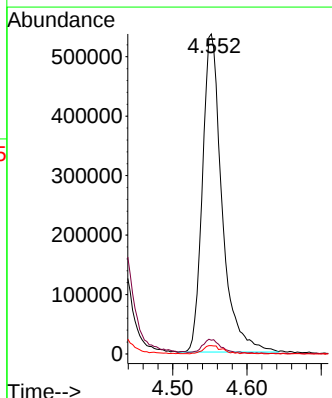
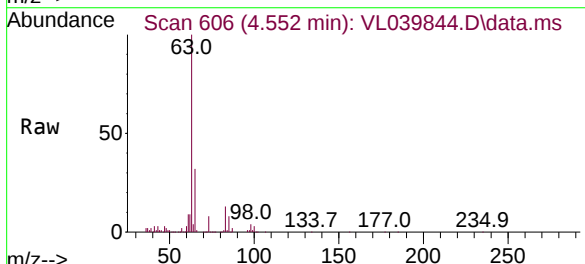
Ion	Ratio	Lower	Upper
43	100		
86	6.3	5.0	7.4
42	9.6	6.8	10.2
44	3.9	4.0	6.0

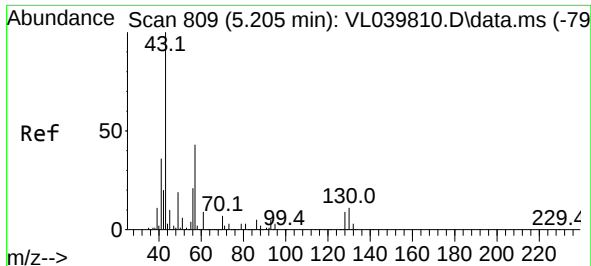


#24
 1,1-Dichloroethane
 Concen: 10.082 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. -0.013 min
 Lab File: VL039844.D
 Acq: 9 Nov 2022 11:48

Tgt Ion: 63 Resp: 977138

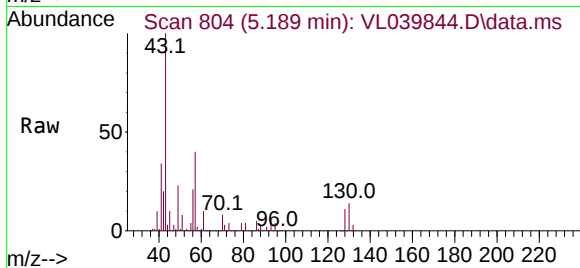
Ion	Ratio	Lower	Upper
63	100		
98	4.1	1.8	5.4
100	2.5	1.5	4.4





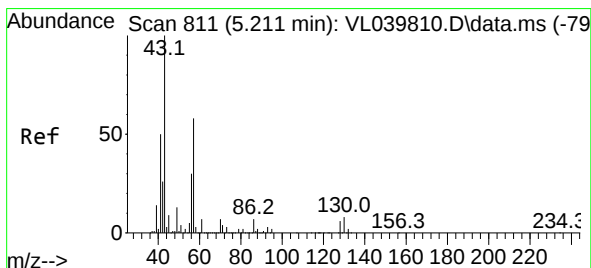
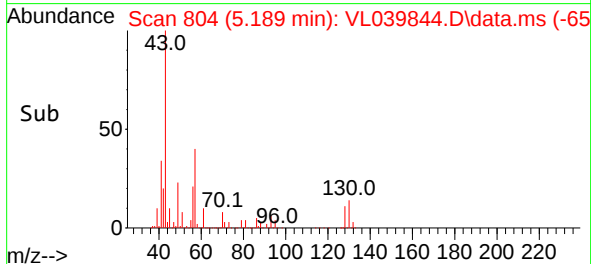
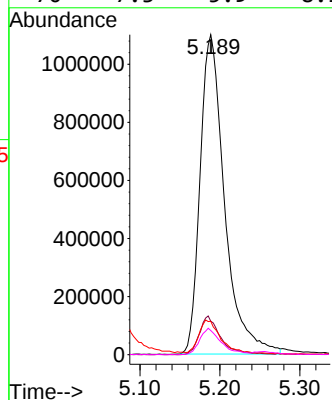
#25
Ethyl Acetate
Concen: 9.559 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.016 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 2345092

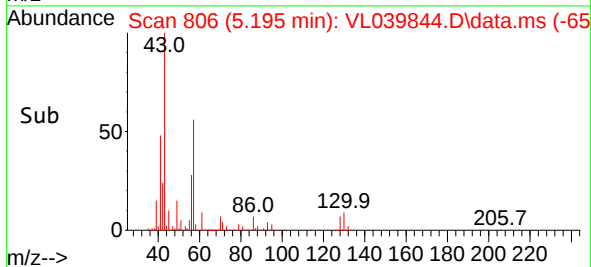
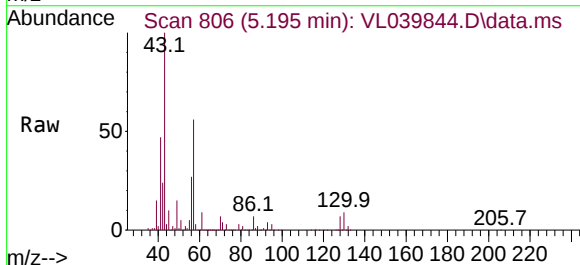
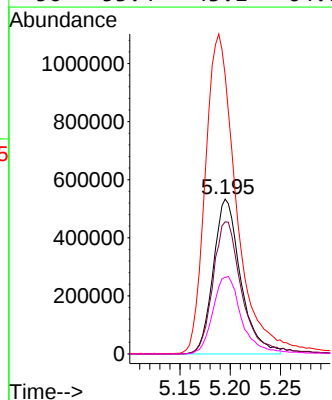
Ion	Ratio	Lower	Upper
43	100		
45	10.9	8.2	12.2
61	10.8	8.1	12.1
70	7.3	5.9	8.9

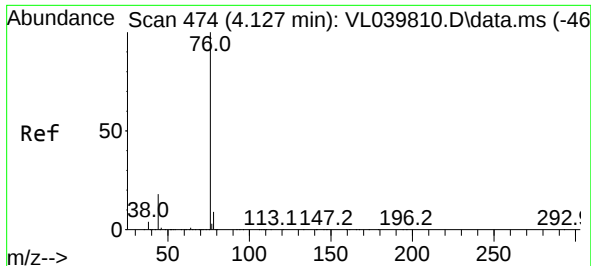


#26
Hexane
Concen: 9.209 ppbv
RT: 5.195 min Scan# 806
Delta R.T. -0.016 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

Tgt Ion: 57 Resp: 1007301

Ion	Ratio	Lower	Upper
57	100		
41	91.9	73.7	110.5
43	238.4	189.8	284.8
56	53.4	43.1	64.7

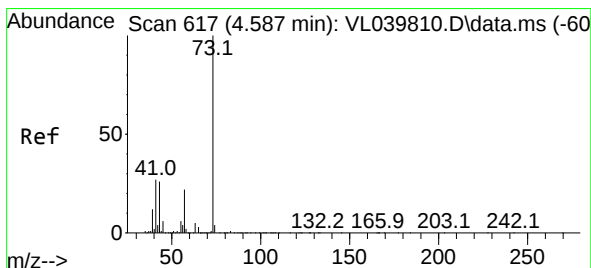
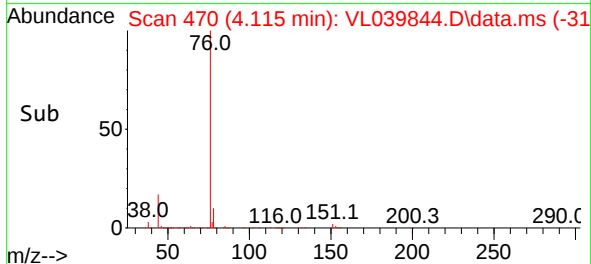
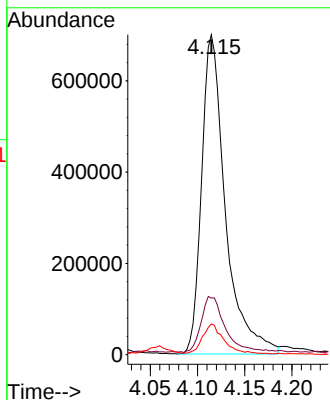
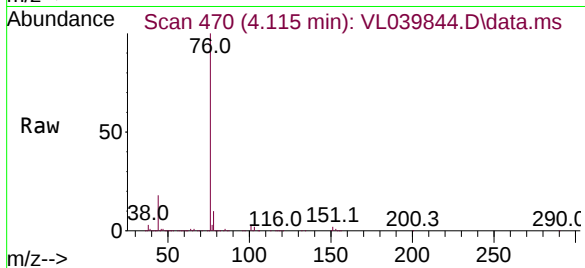




#27
Carbon Disulfide
Concen: 10.691 ppbv
RT: 4.115 min Scan# 411
Delta R.T. -0.013 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

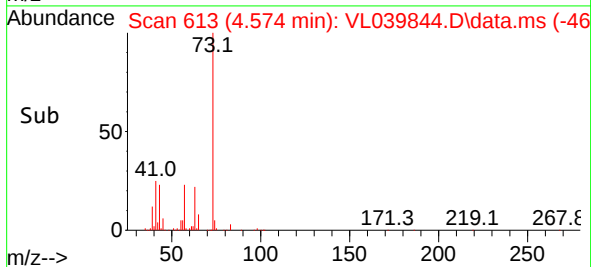
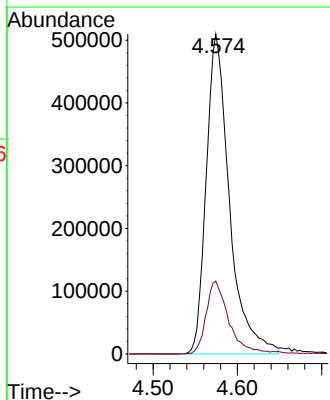
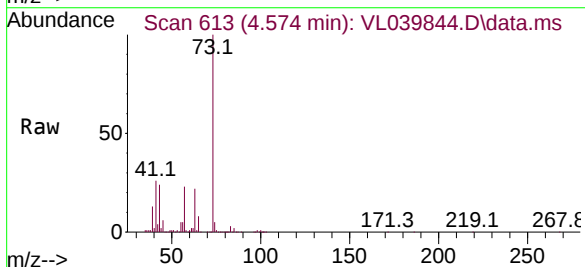
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

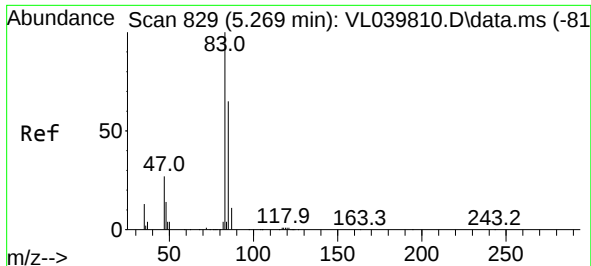
Tgt Ion: 76 Resp: 1228036
Ion Ratio Lower Upper
76 100
44 17.9 14.6 22.0
78 9.4 7.6 11.4



#28
Methyl tert-Butyl Ether
Concen: 9.863 ppbv
RT: 4.574 min Scan# 613
Delta R.T. -0.013 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

Tgt Ion: 73 Resp: 976531
Ion Ratio Lower Upper
73 100
57 22.7 19.4 29.2





#29

Chloroform

Concen: 10.796 ppbv

RT: 5.256 min Scan# 81

Delta R.T. -0.013 min

Lab File: VL039844.D

Acq: 9 Nov 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :

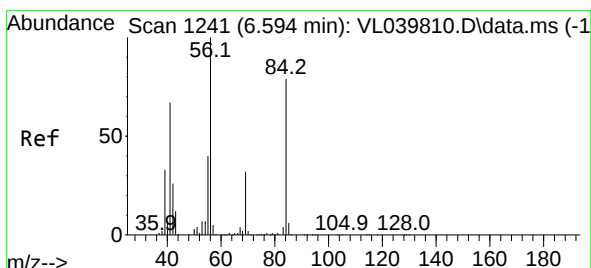
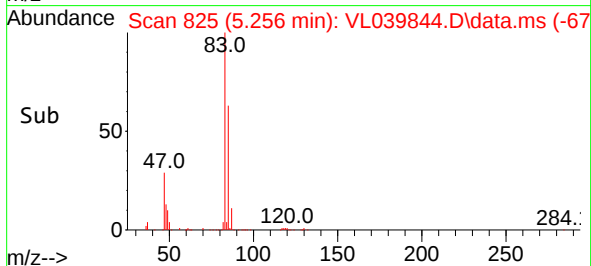
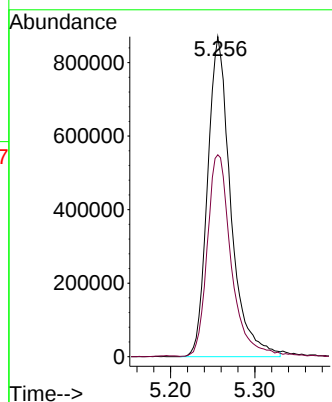
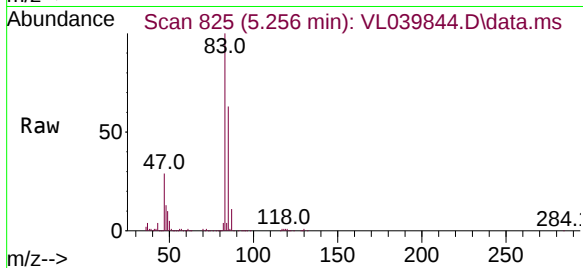
VSTDCCC010

Tgt Ion: 83 Resp: 1660483

Ion Ratio Lower Upper

83 100

85 63.0 51.6 77.4



#30

Cyclohexane

Concen: 9.757 ppbv

RT: 6.574 min Scan# 1235

Delta R.T. -0.019 min

Lab File: VL039844.D

Acq: 9 Nov 2022 11:48

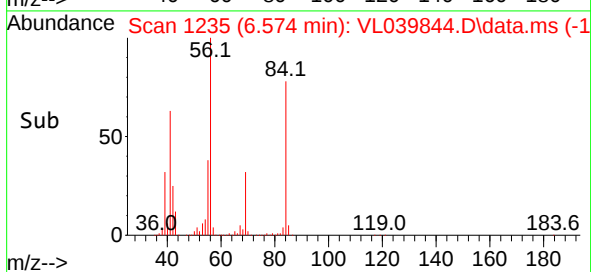
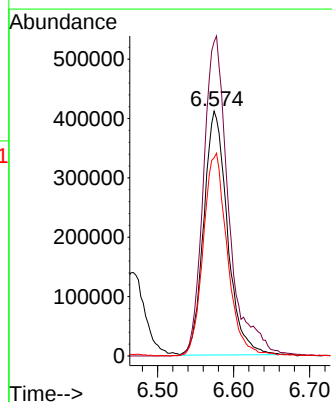
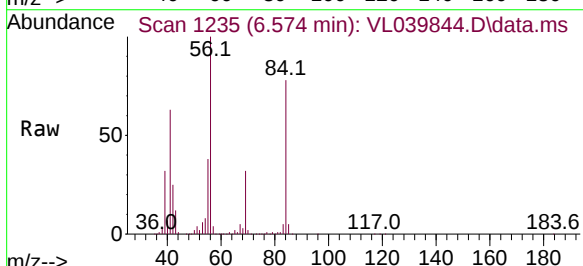
Tgt Ion: 84 Resp: 892518

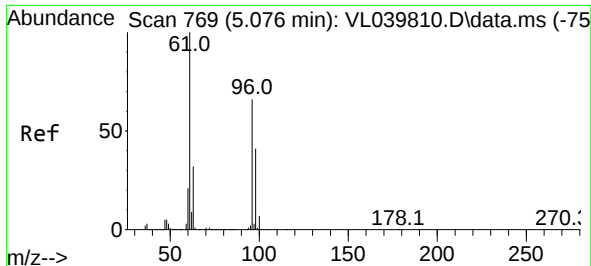
Ion Ratio Lower Upper

84 100

56 140.4 114.8 172.2

41 85.1 68.6 103.0

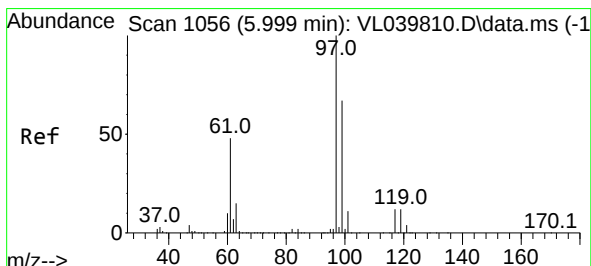
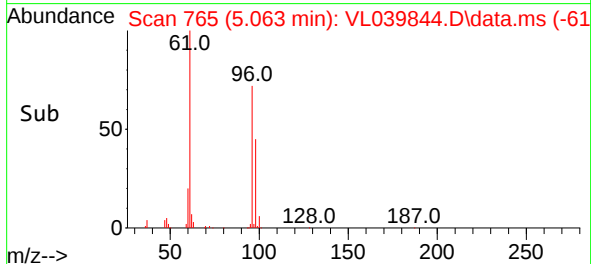
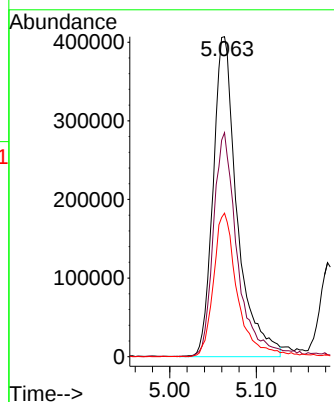
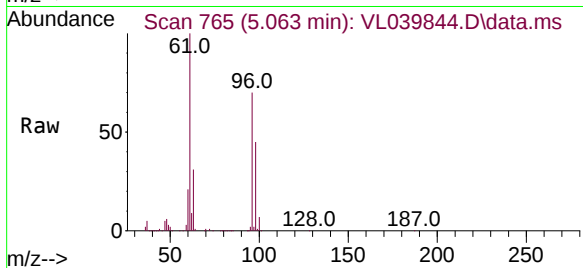




#31
 cis-1,2-Dichloroethene
 Concen: 7.866 ppbv
 RT: 5.063 min Scan# 70
 Delta R.T. -0.013 min
 Lab File: VL039844.D
 Acq: 9 Nov 2022 11:48

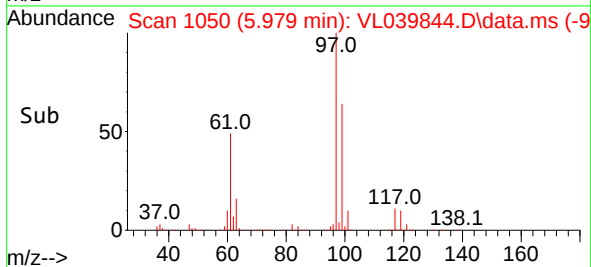
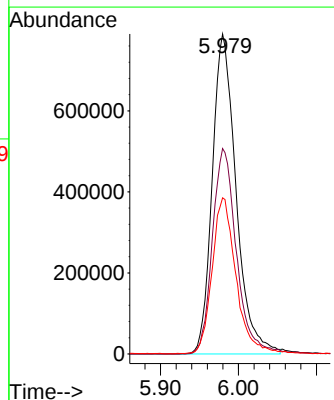
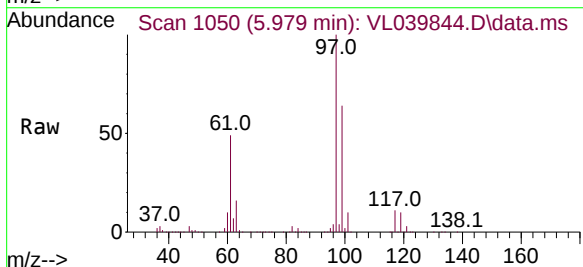
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

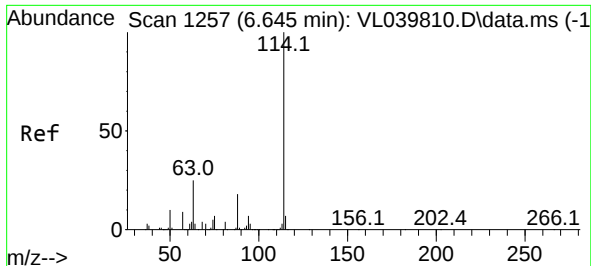
Tgt Ion: 61 Resp: 784537
 Ion Ratio Lower Upper
 61 100
 96 69.8 52.6 78.8
 98 44.8 32.6 48.8



#32
 1,1,1-Trichloroethane
 Concen: 10.946 ppbv
 RT: 5.979 min Scan# 1050
 Delta R.T. -0.019 min
 Lab File: VL039844.D
 Acq: 9 Nov 2022 11:48

Tgt Ion: 97 Resp: 1675999
 Ion Ratio Lower Upper
 97 100
 99 65.3 52.7 79.1
 61 49.4 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.629 min Scan# 11

Delta R.T. -0.016 min

Lab File: VL039844.D

Acq: 9 Nov 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

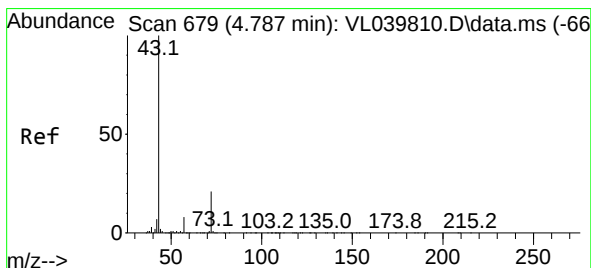
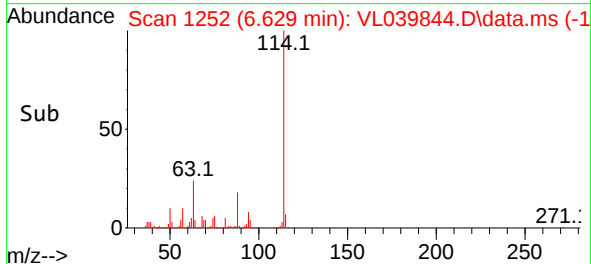
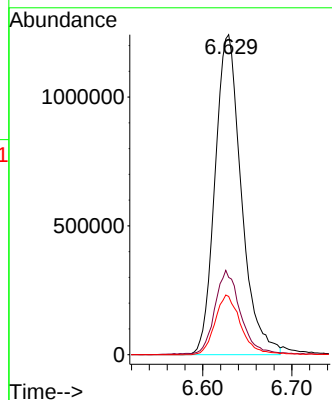
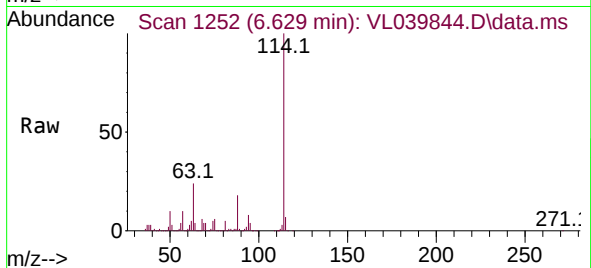
Tgt Ion:114 Resp: 2550741

Ion Ratio Lower Upper

114 100

63 26.3 19.8 29.6

88 18.4 14.4 21.6



#34

2-Butanone

Concen: 10.430 ppbv

RT: 4.774 min Scan# 675

Delta R.T. -0.013 min

Lab File: VL039844.D

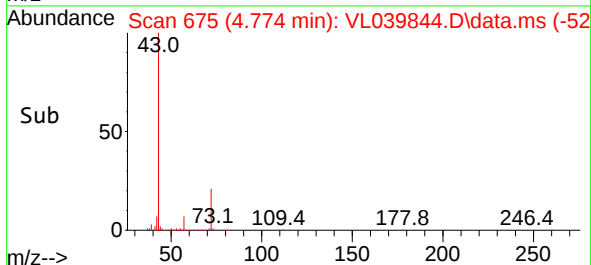
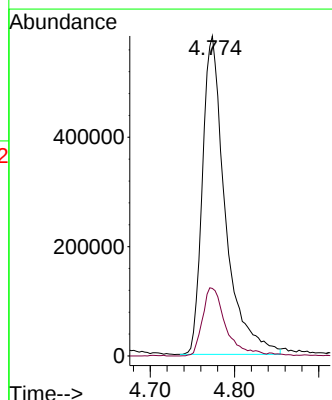
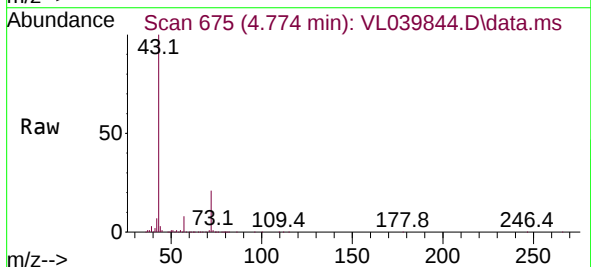
Acq: 9 Nov 2022 11:48

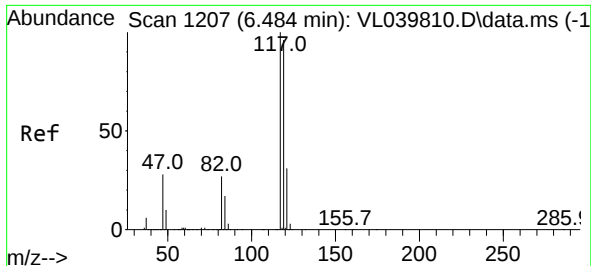
Tgt Ion: 43 Resp: 1097502

Ion Ratio Lower Upper

43 100

72 22.7 17.5 26.3

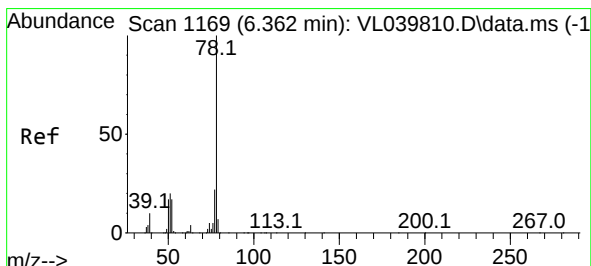
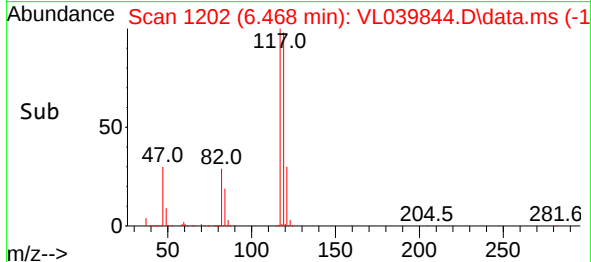
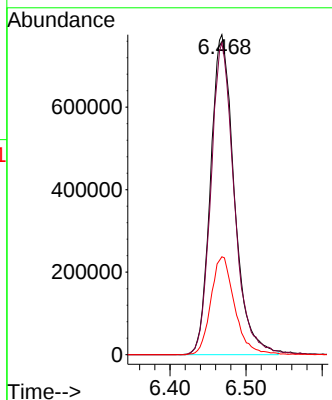
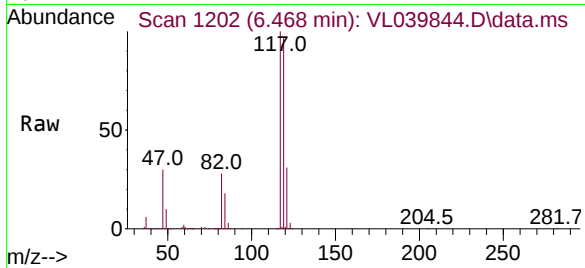




#35
Carbon Tetrachloride
Concen: 11.303 ppbv
RT: 6.468 min Scan# 1164
Delta R.T. -0.016 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

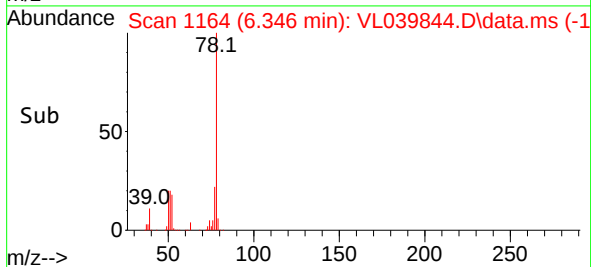
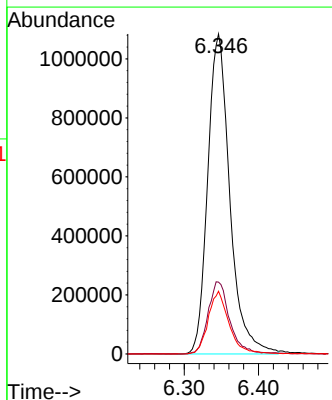
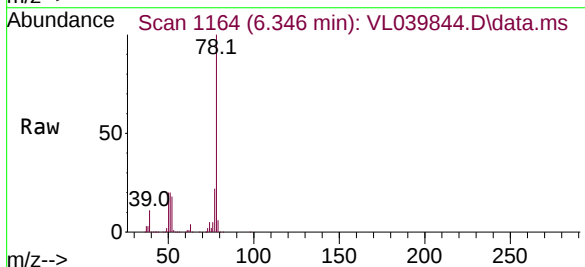
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

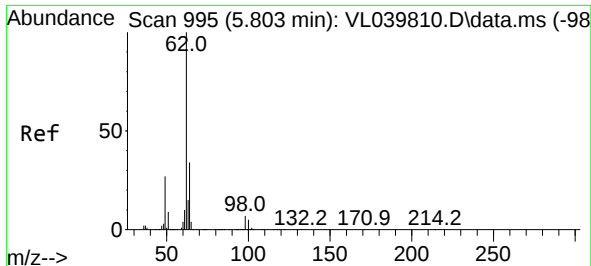
Tgt Ion:117 Resp: 1680586
Ion Ratio Lower Upper
117 100
119 97.4 76.5 114.7
121 30.6 25.2 37.8



#36
Benzene
Concen: 10.403 ppbv
RT: 6.346 min Scan# 1164
Delta R.T. -0.016 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

Tgt Ion: 78 Resp: 2238339
Ion Ratio Lower Upper
78 100
77 22.4 17.4 26.2
50 19.6 13.9 20.9





#37

1,2-Dichloroethane

Concen: 12.485 ppbv

RT: 5.787 min Scan# 995

Delta R.T. -0.016 min

Lab File: VL039844.D

Acq: 9 Nov 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :

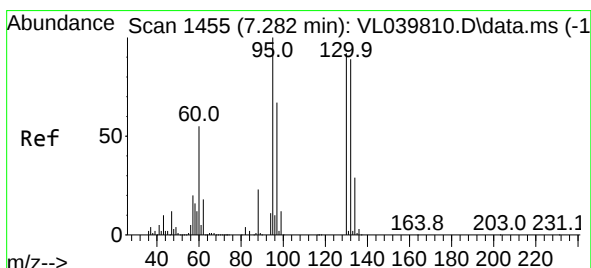
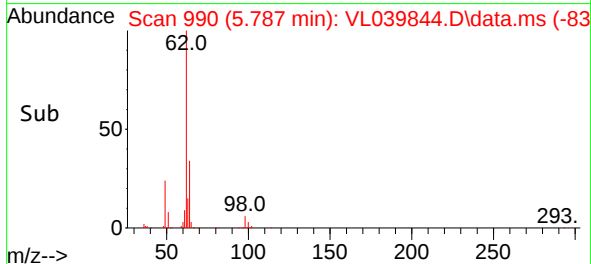
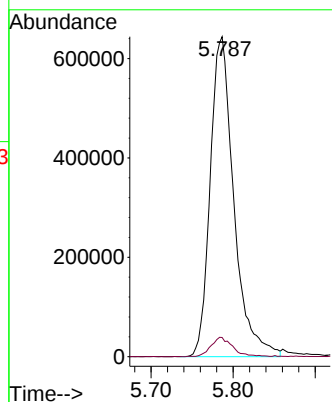
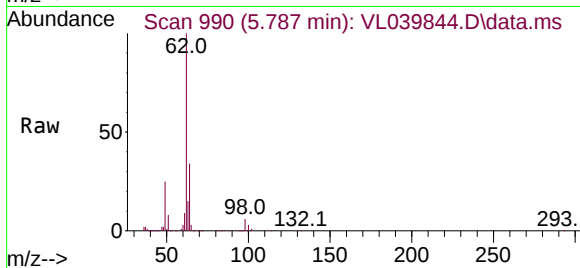
VSTDCCC010

Tgt Ion: 62 Resp: 1288877

Ion Ratio Lower Upper

62 100

98 5.8 5.4 8.2



#38

Trichloroethene

Concen: 10.140 ppbv

RT: 7.262 min Scan# 1449

Delta R.T. -0.019 min

Lab File: VL039844.D

Acq: 9 Nov 2022 11:48

Tgt Ion:130 Resp: 1167833

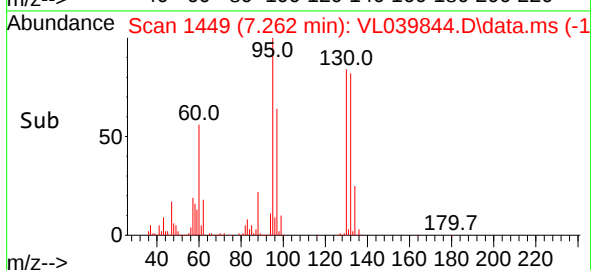
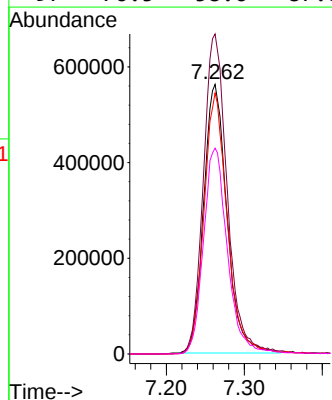
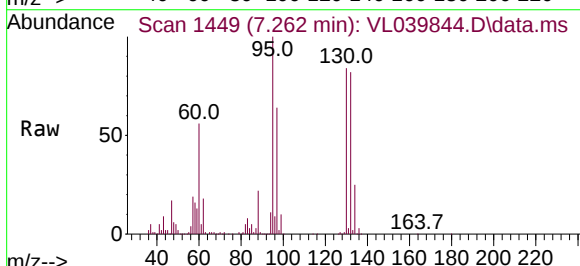
Ion Ratio Lower Upper

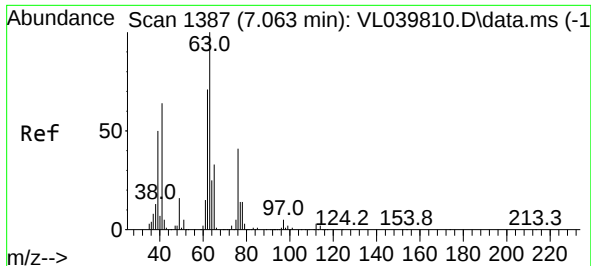
130 100

95 118.8 87.4 131.2

132 96.9 77.7 116.5

97 76.5 58.6 87.8





#39

1,2-Dichloropropane

Concen: 10.639 ppbv

RT: 7.044 min Scan# 1

Delta R.T. -0.019 min

Lab File: VL039844.D

Acq: 9 Nov 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

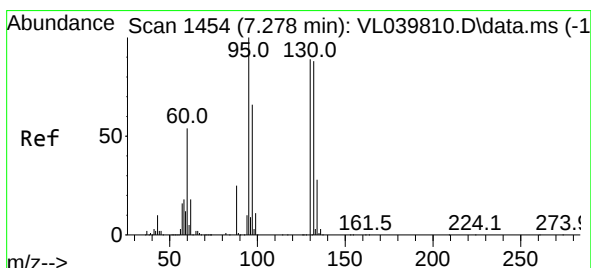
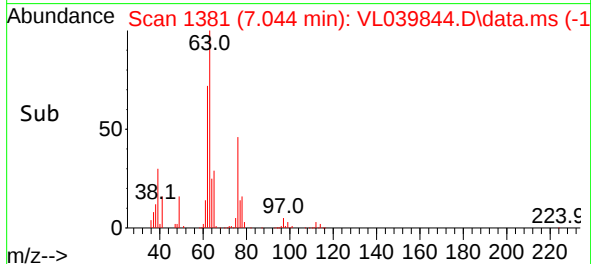
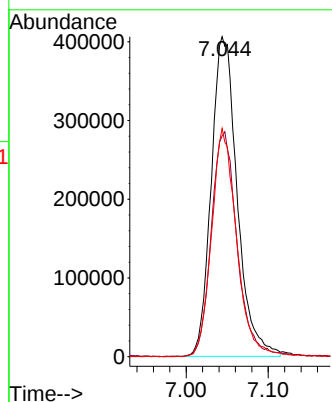
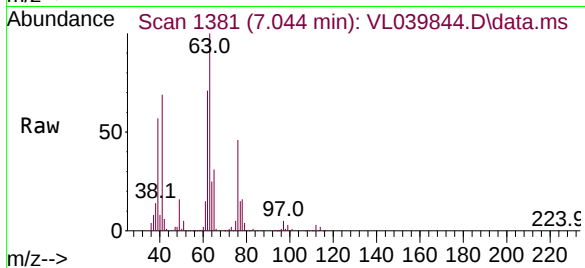
Tgt Ion: 63 Resp: 891866

Ion Ratio Lower Upper

63 100

41 68.9 51.0 76.4

62 71.3 56.6 85.0



#40

1,4-Dioxane

Concen: 4.620 ppbv

RT: 7.256 min Scan# 1447

Delta R.T. -0.022 min

Lab File: VL039844.D

Acq: 9 Nov 2022 11:48

Tgt Ion: 88 Resp: 148304

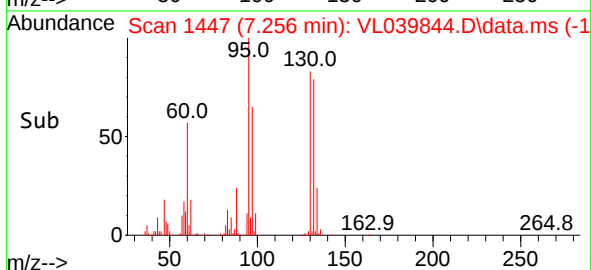
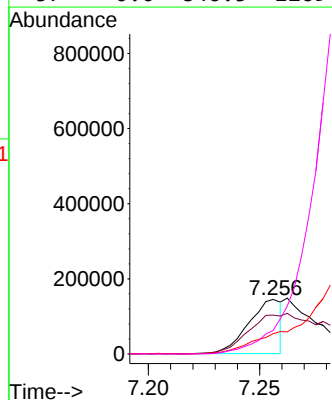
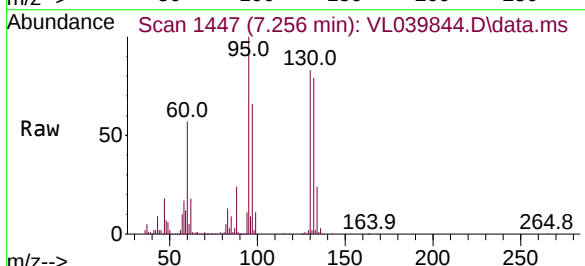
Ion Ratio Lower Upper

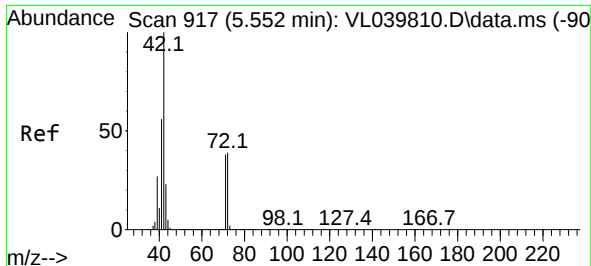
88 100

58 0.0 99.5 149.3#

43 0.0 189.7 284.5#

57 0.0 846.5 1269.7#





#41

Tetrahydrofuran

Concen: 10.278 ppbv

RT: 5.539 min Scan# 91

Delta R.T. -0.013 min

Lab File: VL039844.D

Acq: 9 Nov 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

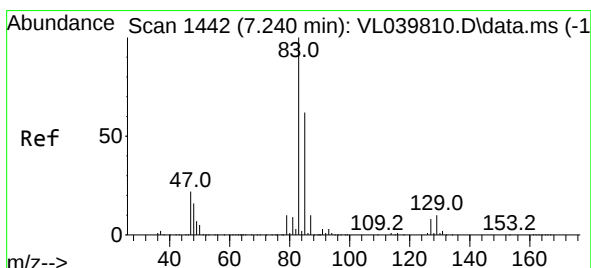
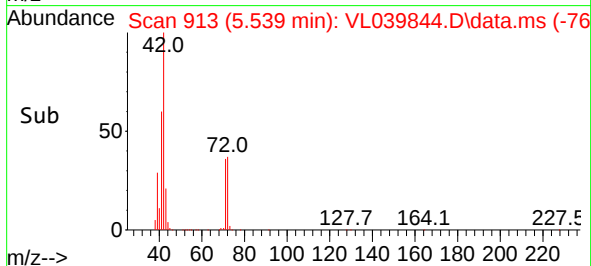
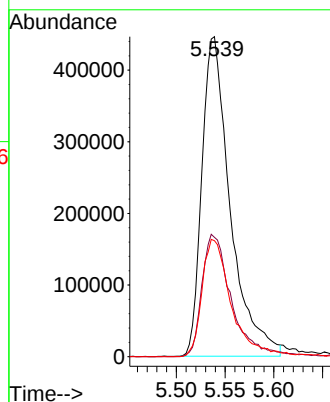
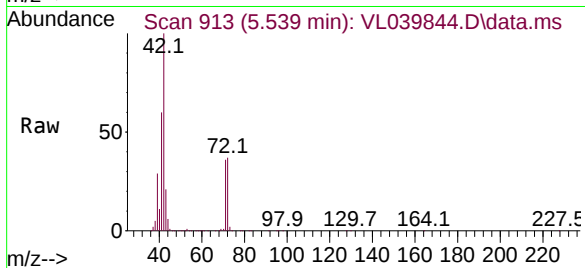
Tgt Ion: 42 Resp: 903903

Ion Ratio Lower Upper

42 100

72 40.1 31.4 47.2

71 38.7 31.5 47.3



#42

Bromodichloromethane

Concen: 11.504 ppbv

RT: 7.221 min Scan# 1436

Delta R.T. -0.019 min

Lab File: VL039844.D

Acq: 9 Nov 2022 11:48

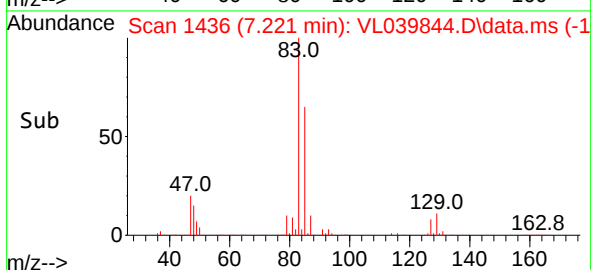
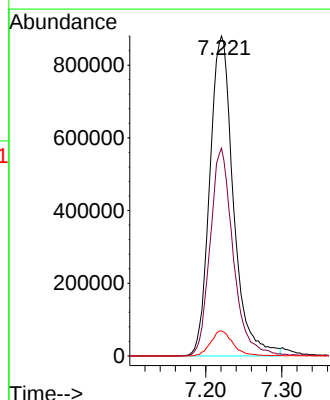
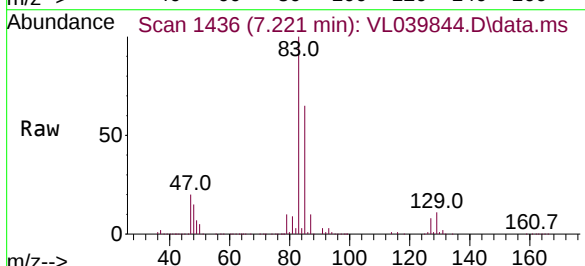
Tgt Ion: 83 Resp: 1896893

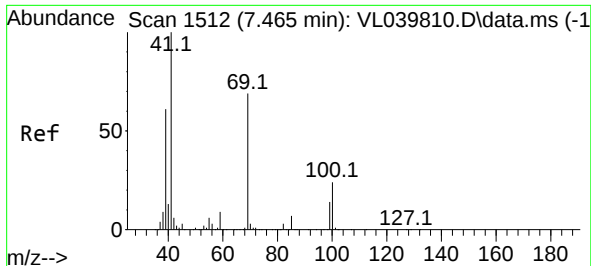
Ion Ratio Lower Upper

83 100

85 65.0 49.9 74.9

127 7.8 6.4 9.6

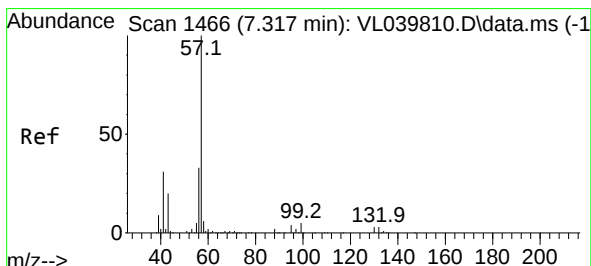
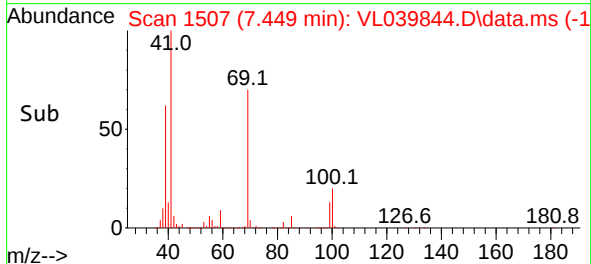
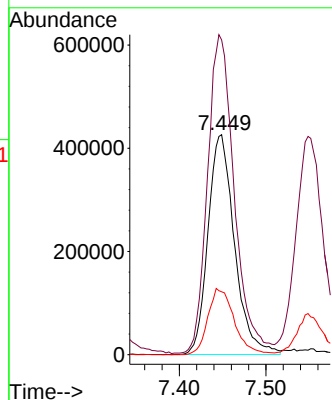
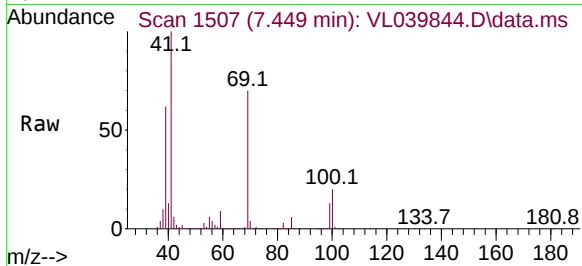




#43
Methyl Methacrylate
Concen: 10.654 ppbv
RT: 7.449 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

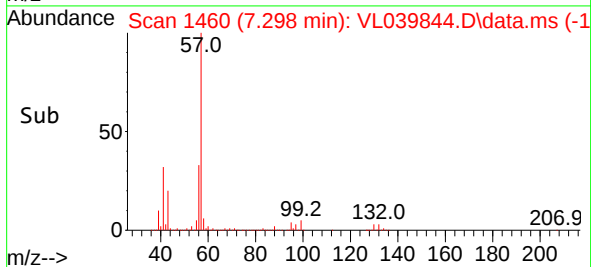
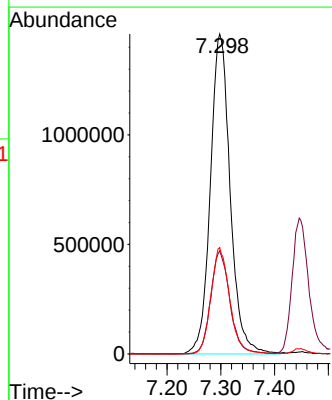
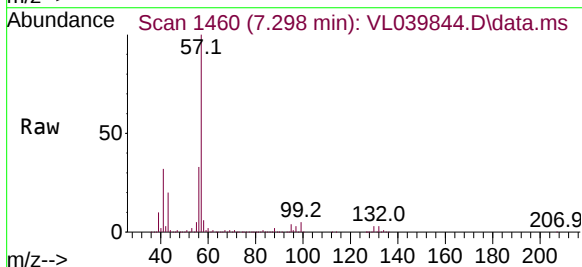
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

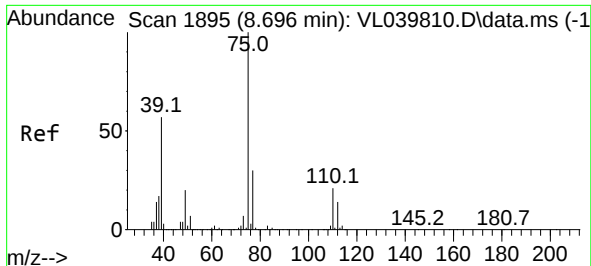
Tgt Ion: 69 Resp: 905954
Ion Ratio Lower Upper
69 100
41 147.3 115.7 173.5
100 30.0 25.9 38.9



#44
2,2,4-Trimethylpentane
Concen: 10.286 ppbv
RT: 7.298 min Scan# 1460
Delta R.T. -0.019 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

Tgt Ion: 57 Resp: 3735707
Ion Ratio Lower Upper
57 100
41 31.0 24.6 36.8
56 31.6 25.4 38.0

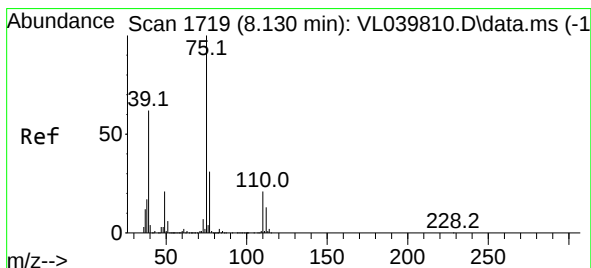
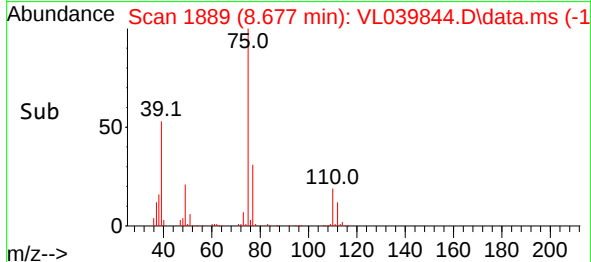
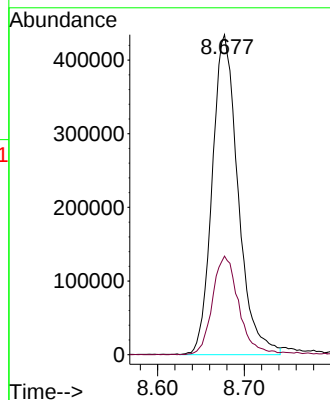
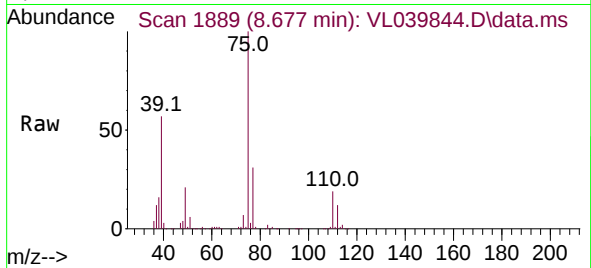




#45
 t-1,3-Dichloropropene
 Concen: 11.078 ppbv
 RT: 8.677 min Scan# 11
 Delta R.T. -0.019 min
 Lab File: VL039844.D
 Acq: 9 Nov 2022 11:48

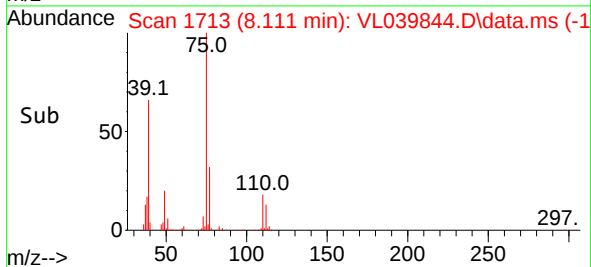
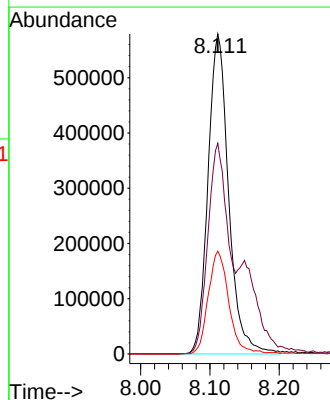
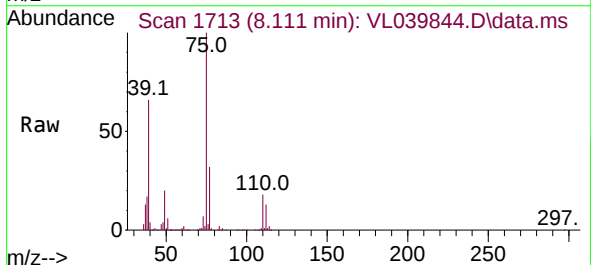
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

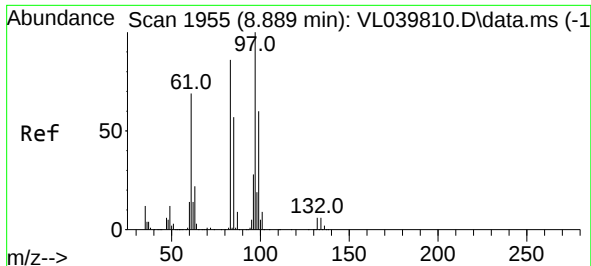
Tgt Ion: 75 Resp: 902411
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.4 36.6



#46
 cis-1,3-Dichloropropene
 Concen: 10.761 ppbv
 RT: 8.111 min Scan# 1713
 Delta R.T. -0.019 min
 Lab File: VL039844.D
 Acq: 9 Nov 2022 11:48

Tgt Ion: 75 Resp: 1196427
 Ion Ratio Lower Upper
 75 100
 39 65.7 50.0 75.0
 77 32.1 25.1 37.7





#47

1,1,2-Trichloroethane

Concen: 10.454 ppbv

RT: 8.864 min Scan# 1955

Delta R.T. -0.026 min

Lab File: VL039844.D

Acq: 9 Nov 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 887433

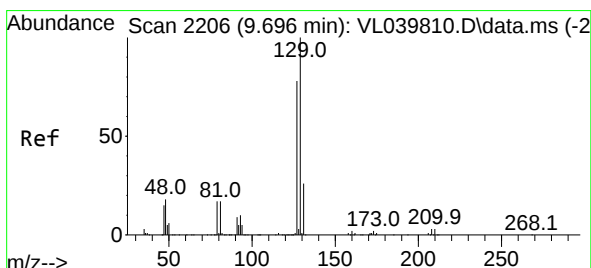
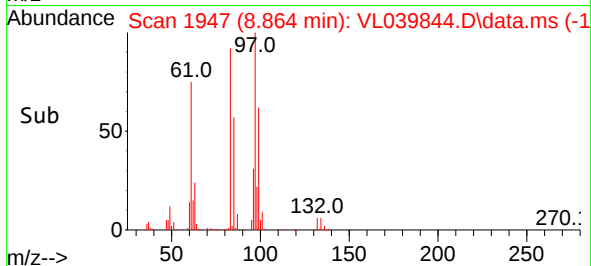
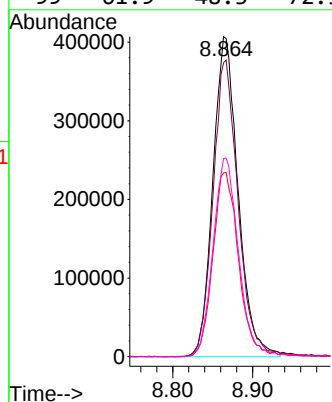
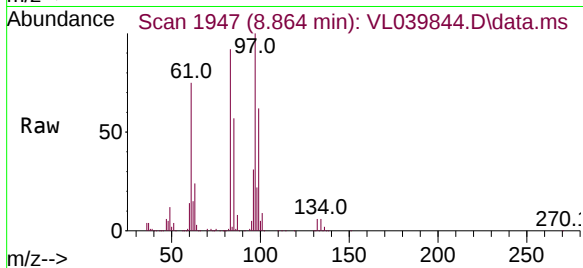
Ion Ratio Lower Upper

97 100

83 91.8 68.8 103.2

85 57.3 45.8 68.6

99 61.9 48.3 72.5



#48

Dibromochloromethane

Concen: 10.139 ppbv

RT: 9.674 min Scan# 2199

Delta R.T. -0.022 min

Lab File: VL039844.D

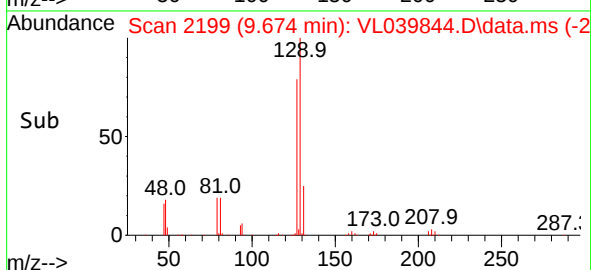
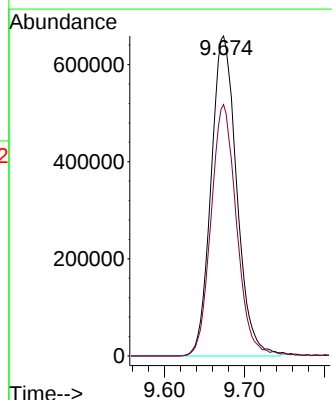
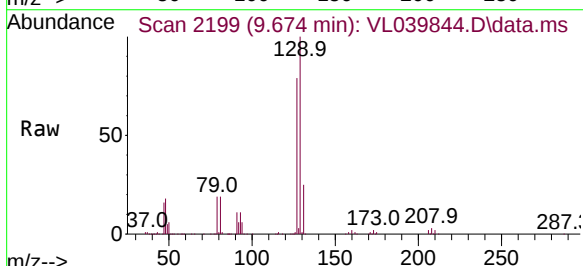
Acq: 9 Nov 2022 11:48

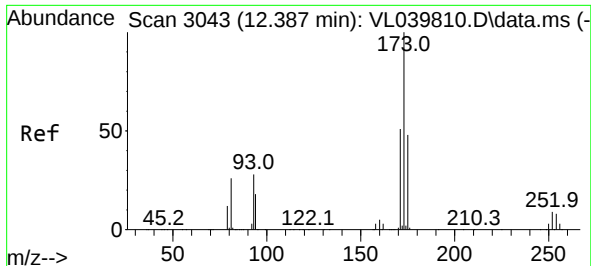
Tgt Ion: 129 Resp: 1466642

Ion Ratio Lower Upper

129 100

127 78.2 39.4 118.1

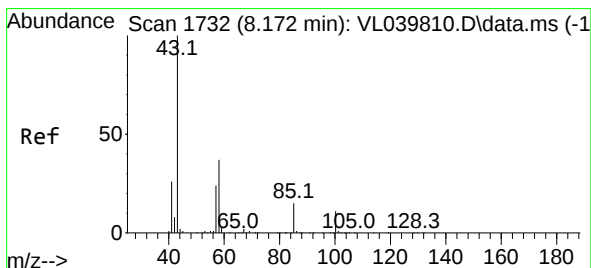
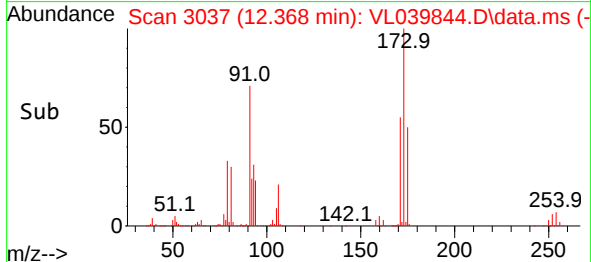
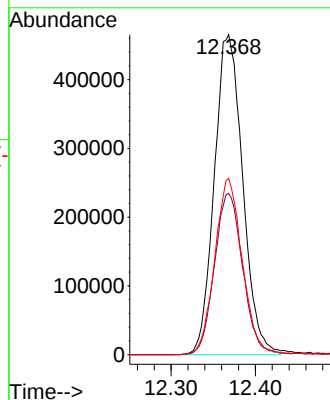
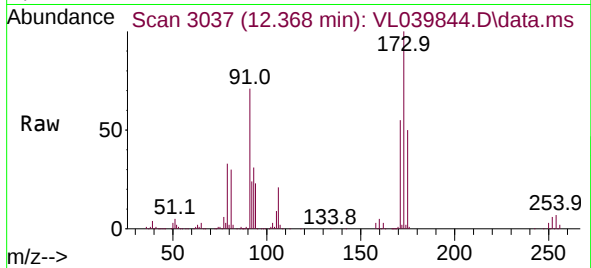




#49
Bromoform
Concen: 9.360 ppbv
RT: 12.368 min Scan# 3043
Delta R.T. -0.019 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

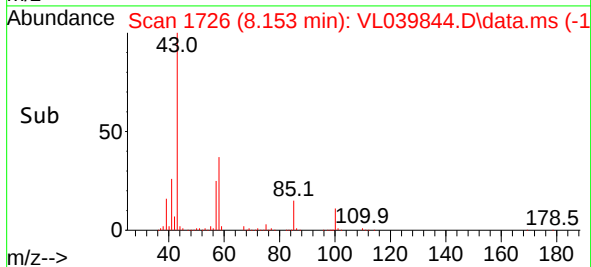
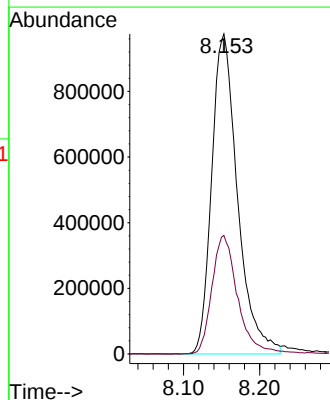
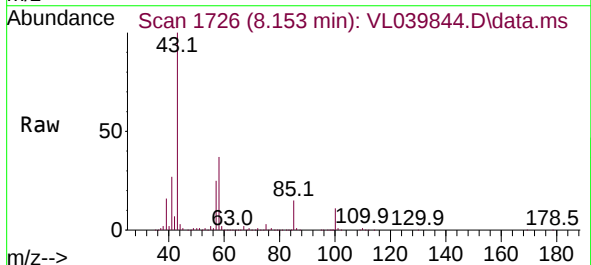
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

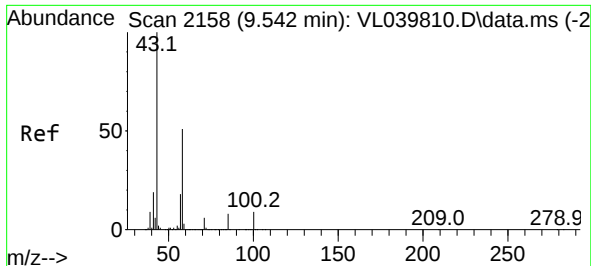
Tgt Ion:173 Resp: 1088298
Ion Ratio Lower Upper
173 100
175 50.5 39.7 59.5
171 53.7 41.7 62.5



#50
4-Methyl-2-Pentanone
Concen: 10.664 ppbv
RT: 8.153 min Scan# 1726
Delta R.T. -0.019 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

Tgt Ion: 43 Resp: 2297330
Ion Ratio Lower Upper
43 100
58 37.5 29.8 44.6

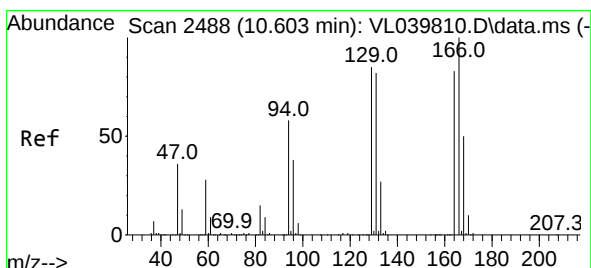
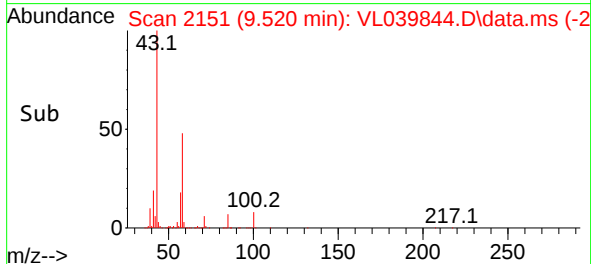
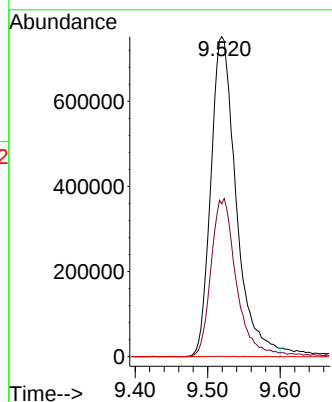
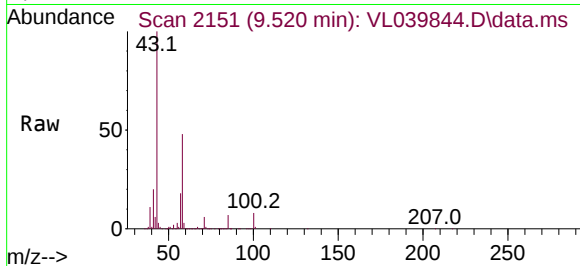




#51
2-Hexanone
Concen: 10.892 ppbv
RT: 9.520 min Scan# 2158
Delta R.T. -0.022 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

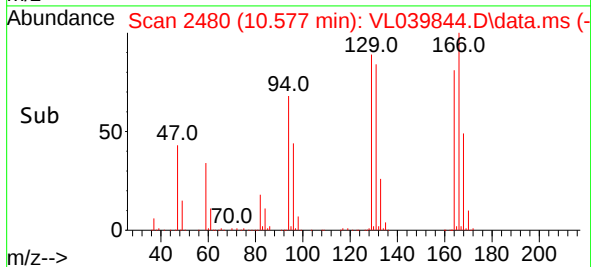
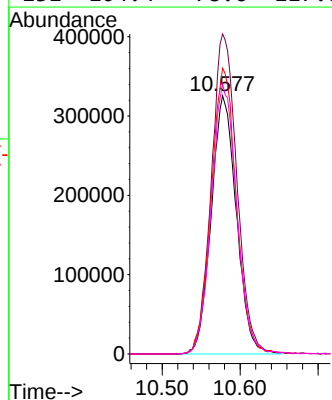
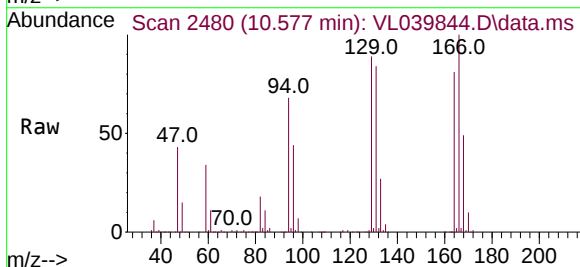
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

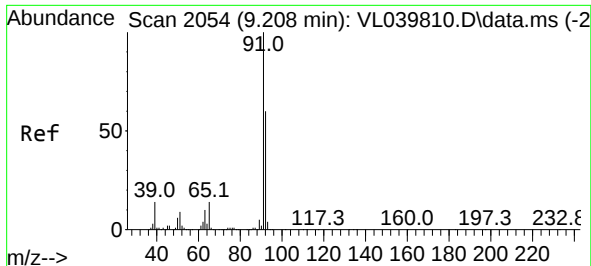
Tgt Ion: 43 Resp: 1829545
Ion Ratio Lower Upper
43 100
58 50.2 40.5 60.7
98 0.1 0.1 0.1



#52
Tetrachloroethene
Concen: 9.015 ppbv
RT: 10.577 min Scan# 2480
Delta R.T. -0.026 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

Tgt Ion: 164 Resp: 726686
Ion Ratio Lower Upper
164 100
166 123.9 96.0 144.0
129 110.6 81.4 122.2
131 104.4 78.6 117.8

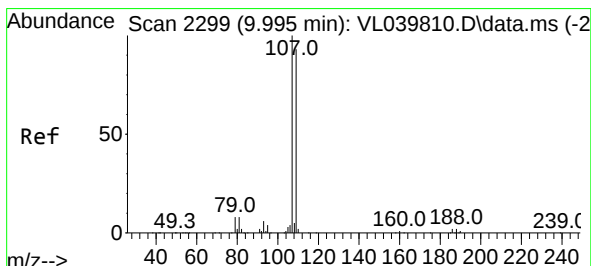
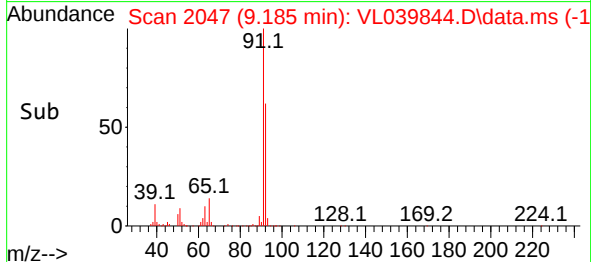
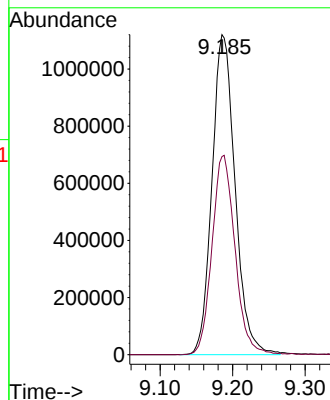
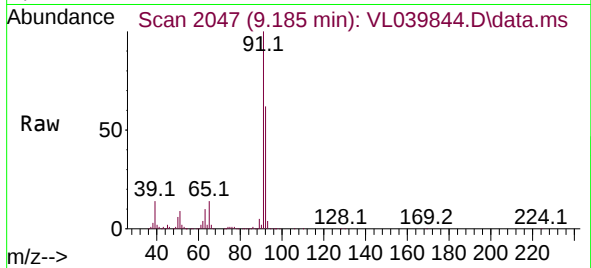




#53
Toluene
Concen: 10.042 ppbv
RT: 9.185 min Scan# 2054
Delta R.T. -0.022 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

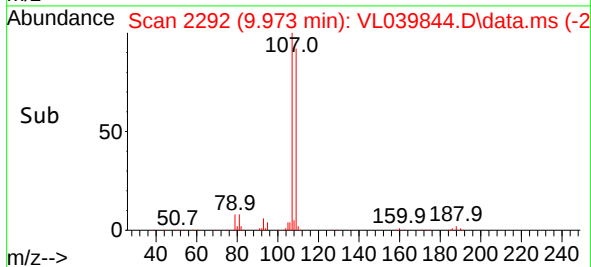
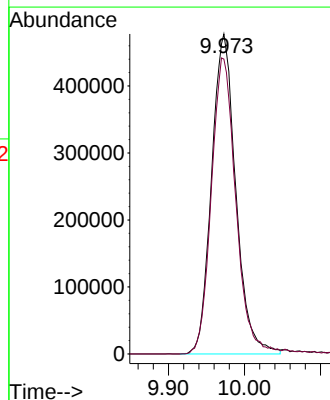
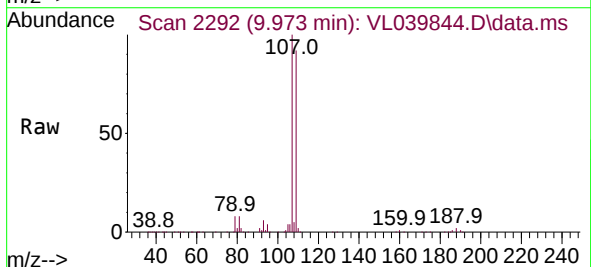
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

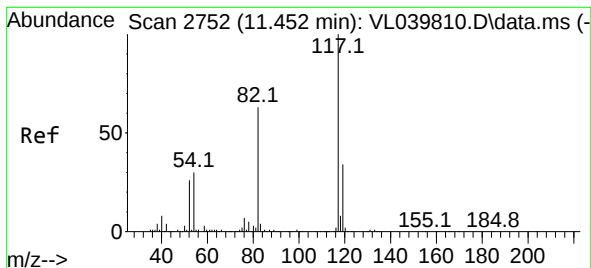
Tgt Ion: 91 Resp: 2478878
Ion Ratio Lower Upper
91 100
92 62.3 49.6 74.4



#54
1,2-Dibromoethane
Concen: 11.210 ppbv
RT: 9.973 min Scan# 2292
Delta R.T. -0.022 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

Tgt Ion: 107 Resp: 1056102
Ion Ratio Lower Upper
107 100
109 92.2 74.5 111.7

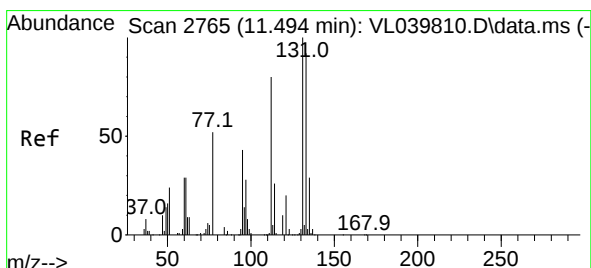
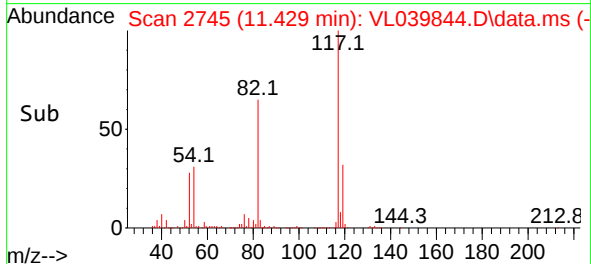
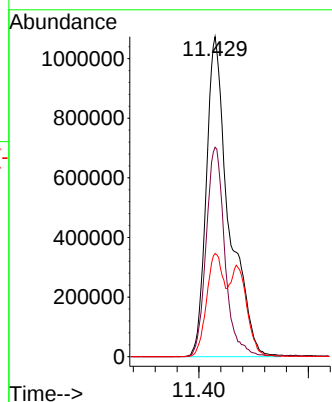
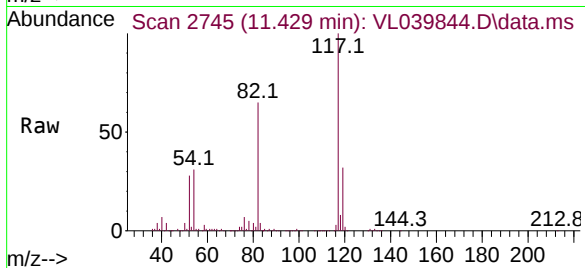




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.429 min Scan# 21
Delta R.T. -0.022 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

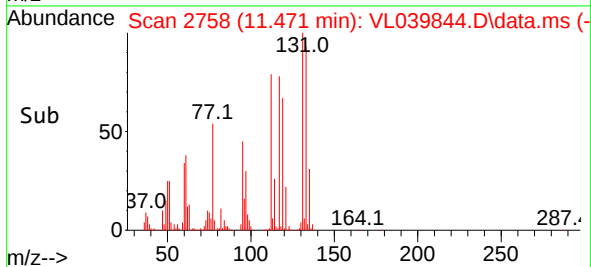
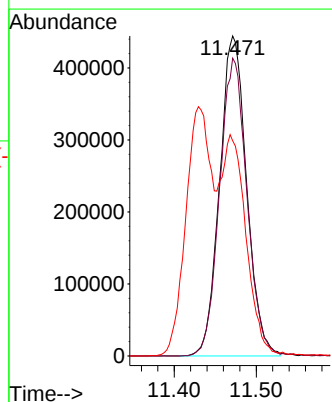
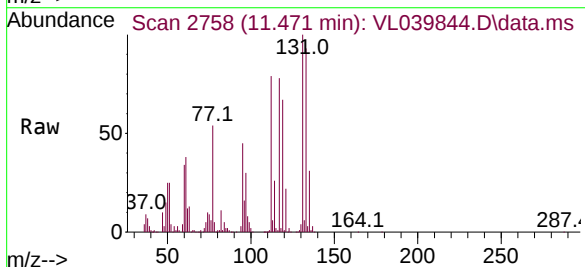
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

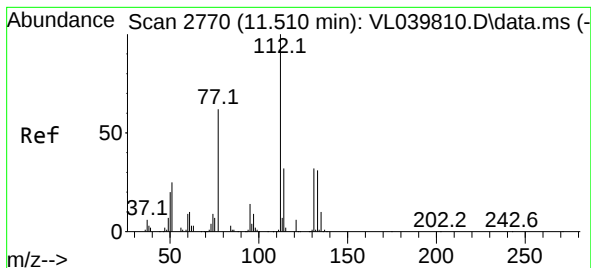
Tgt Ion:117 Resp: 3095905
Ion Ratio Lower Upper
117 100
82 54.6 51.0 76.6
119 26.8 24.7 37.1



#56
1,1,1,2-Tetrachloroethane
Concen: 7.686 ppbv
RT: 11.471 min Scan# 2758
Delta R.T. -0.022 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

Tgt Ion:131 Resp: 1017322
Ion Ratio Lower Upper
131 100
133 94.4 76.9 115.3
119 59.9 52.2 78.2

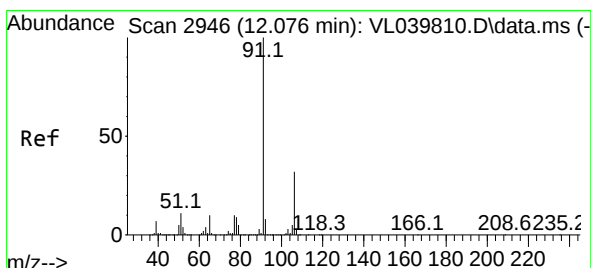
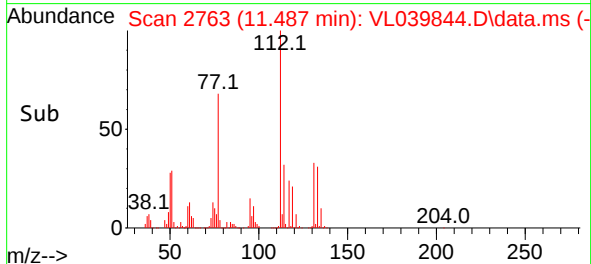
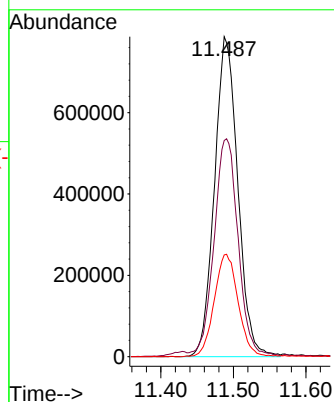
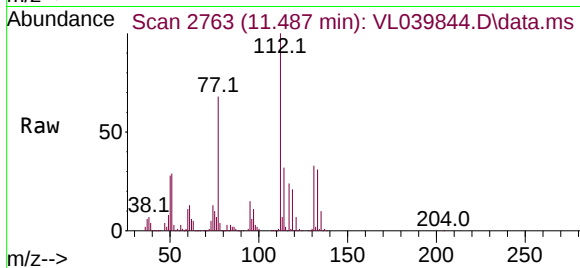




#57
Chlorobenzene
Concen: 7.484 ppbv
RT: 11.487 min Scan# 211
Delta R.T. -0.022 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

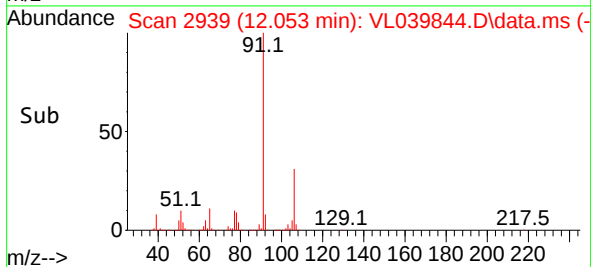
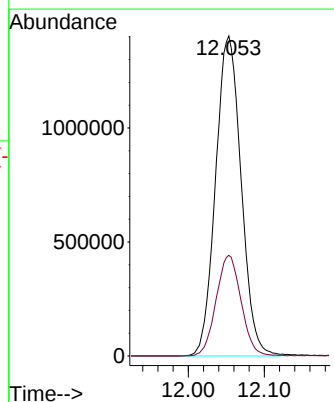
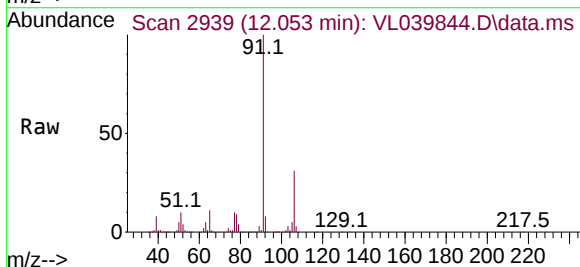
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

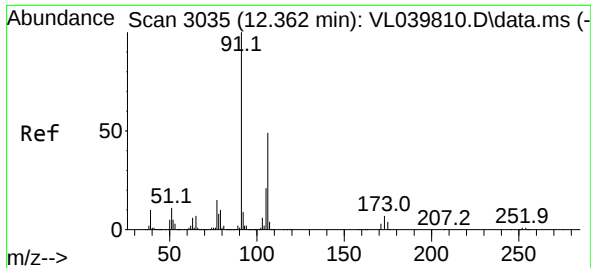
Tgt Ion:112 Resp: 1757537
Ion Ratio Lower Upper
112 100
77 67.2 49.8 74.6
114 31.8 29.0 35.4



#58
Ethyl Benzene
Concen: 7.813 ppbv
RT: 12.053 min Scan# 2939
Delta R.T. -0.022 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

Tgt Ion: 91 Resp: 3270437
Ion Ratio Lower Upper
91 100
106 31.4 25.9 38.9





#59

m/p-Xylene

Concen: 8.488 ppbv

RT: 12.336 min Scan# 3035

Delta R.T. -0.026 min

Lab File: VL039844.D

Acq: 9 Nov 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :

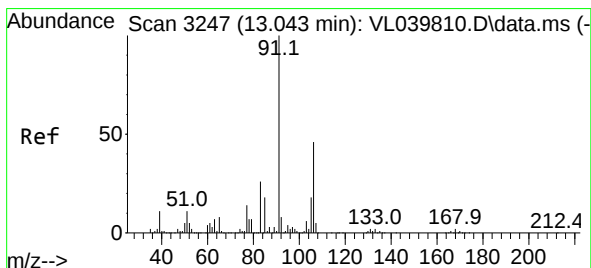
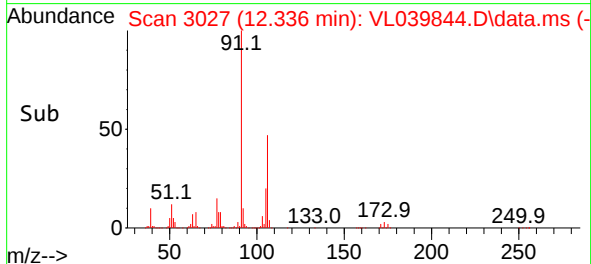
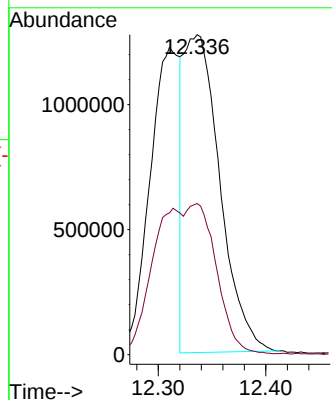
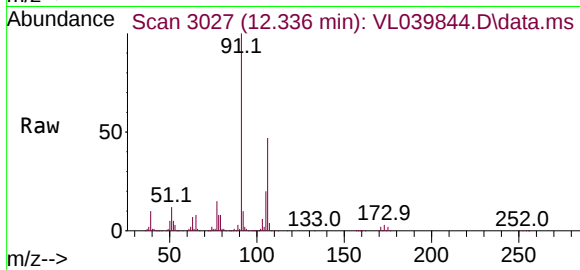
VSTDCCC010

Tgt Ion: 91 Resp: 2965820

Ion Ratio Lower Upper

91 100

106 81.2 37.6 56.4#



#60

o-Xylene

Concen: 7.684 ppbv

RT: 13.021 min Scan# 3240

Delta R.T. -0.022 min

Lab File: VL039844.D

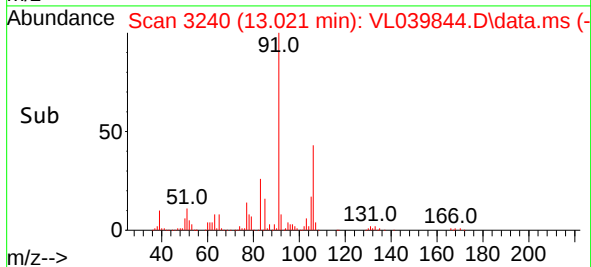
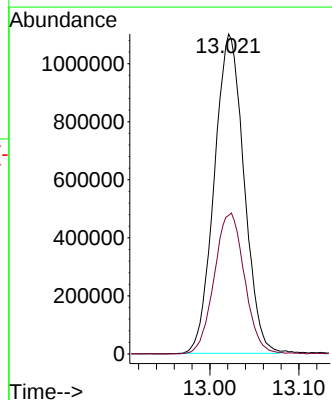
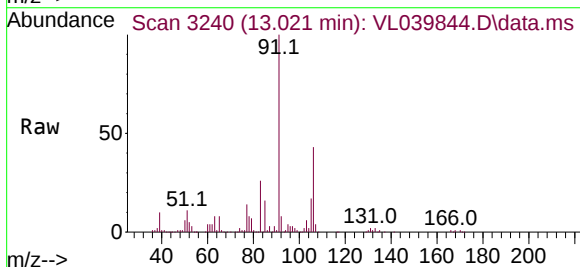
Acq: 9 Nov 2022 11:48

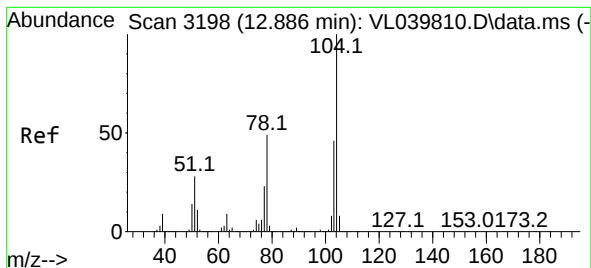
Tgt Ion: 91 Resp: 2543923

Ion Ratio Lower Upper

91 100

106 45.1 23.6 70.8





#61

Styrene

Concen: 7.619 ppbv

RT: 12.860 min Scan# 3198

Delta R.T. -0.026 min

Lab File: VL039844.D

Acq: 9 Nov 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

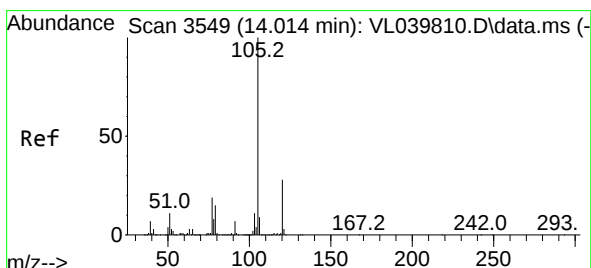
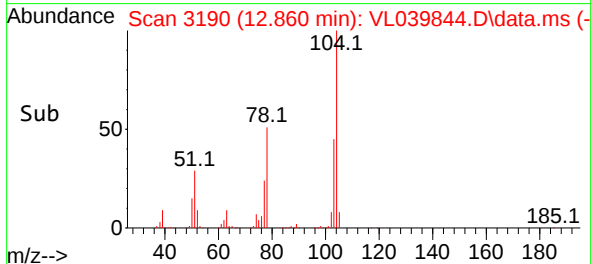
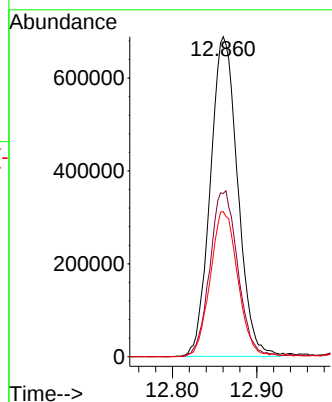
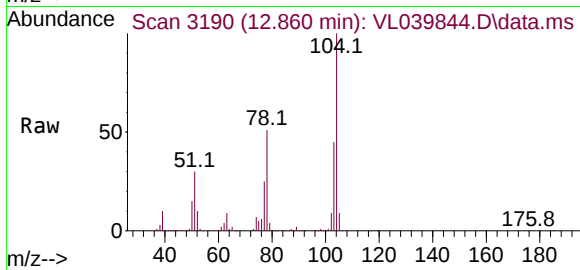
Tgt Ion:104 Resp: 1552026

Ion Ratio Lower Upper

104 100

78 53.3 40.2 60.2

103 46.2 37.5 56.3



#62

Isopropylbenzene

Concen: 7.377 ppbv

RT: 13.995 min Scan# 3543

Delta R.T. -0.019 min

Lab File: VL039844.D

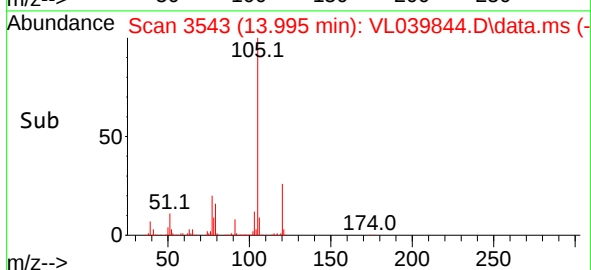
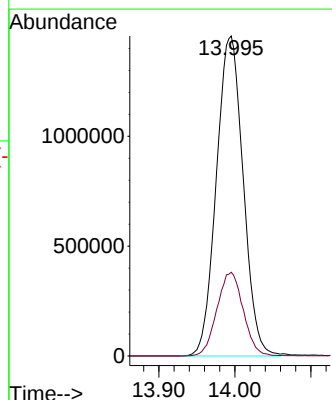
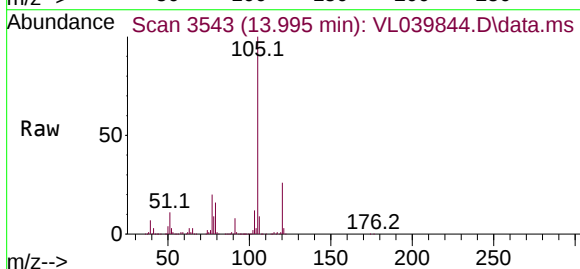
Acq: 9 Nov 2022 11:48

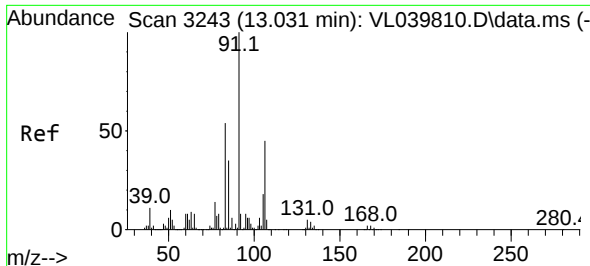
Tgt Ion:105 Resp: 3562590

Ion Ratio Lower Upper

105 100

120 25.7 21.7 32.5

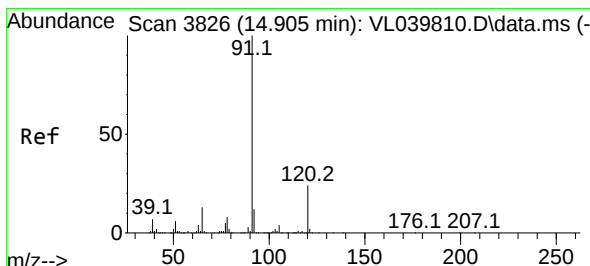
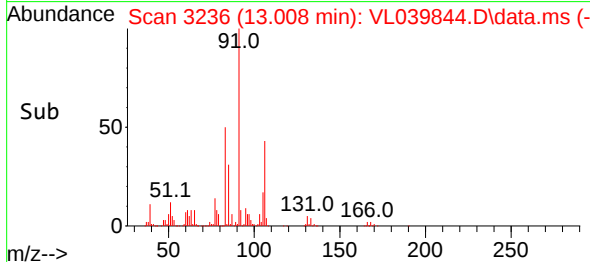
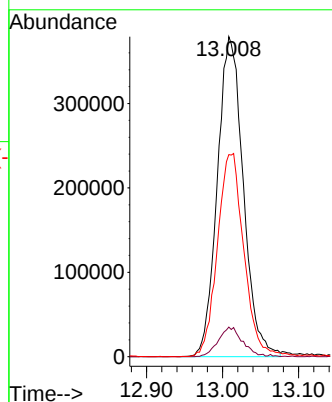
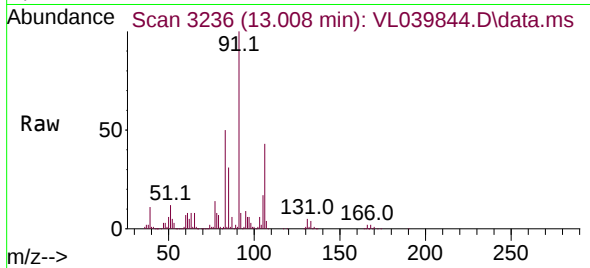




#63
1,1,2,2-Tetrachloroethane
Concen: 7.290 ppbv
RT: 13.008 min Scan# 31
Delta R.T. -0.022 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

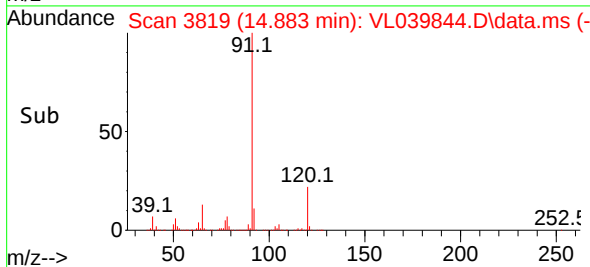
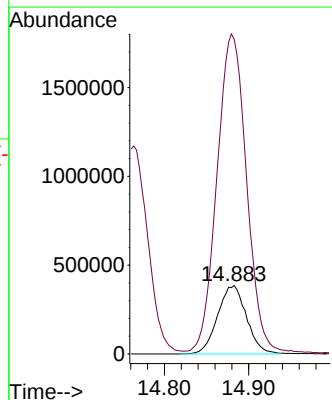
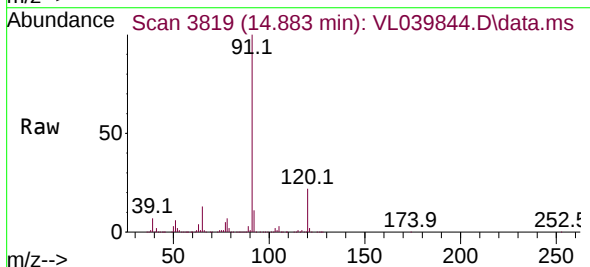
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

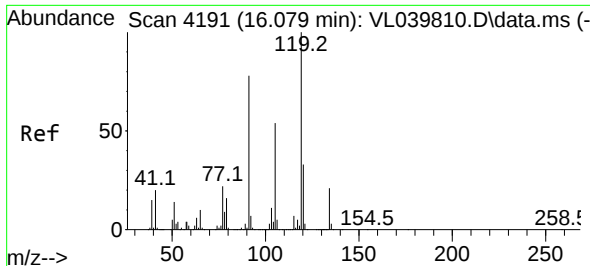
Tgt Ion: 83 Resp: 898682
Ion Ratio Lower Upper
83 100
131 8.8 4.6 13.8
85 64.8 33.3 99.9



#64
n-propylbenzene
Concen: 7.075 ppbv
RT: 14.883 min Scan# 3819
Delta R.T. -0.022 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

Tgt Ion: 120 Resp: 913929
Ion Ratio Lower Upper
120 100
91 484.7 354.9 532.3

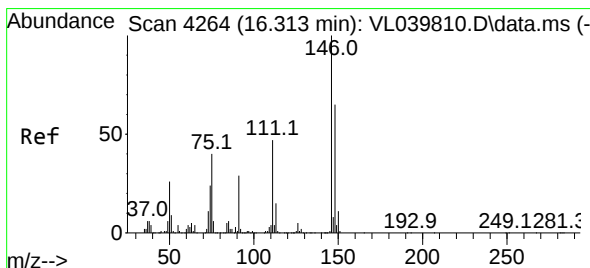
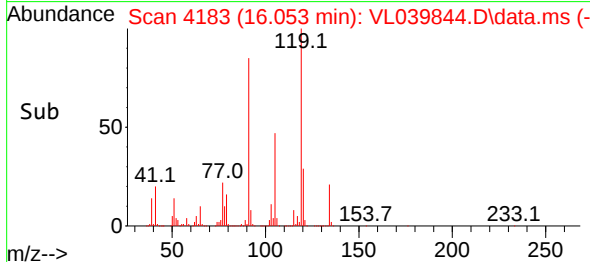
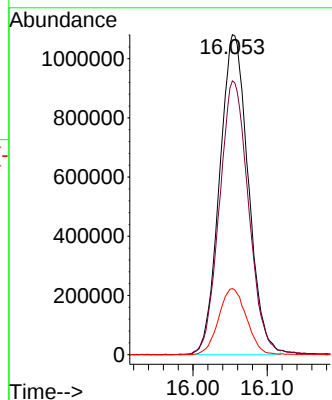
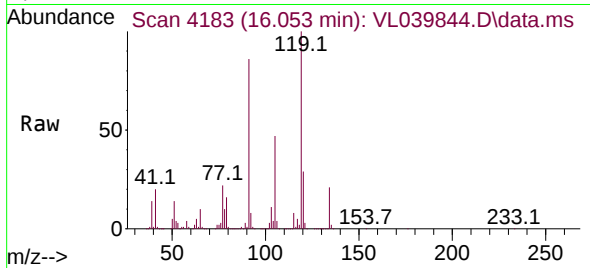




#65
tert-Butylbenzene
Concen: 6.825 ppbv
RT: 16.053 min Scan# 41
Delta R.T. -0.026 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

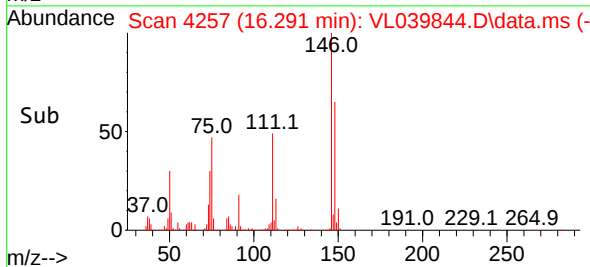
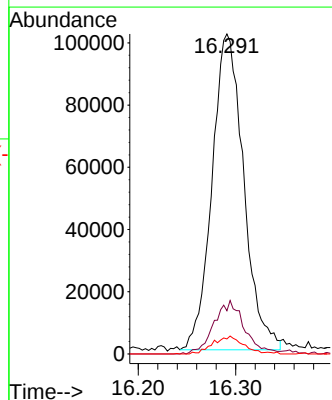
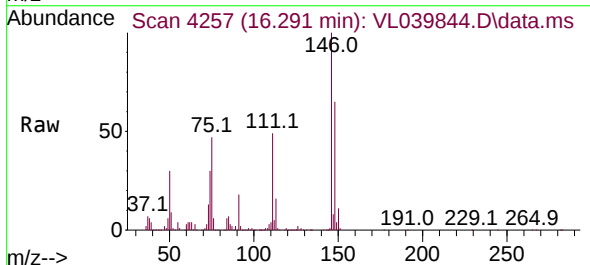
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

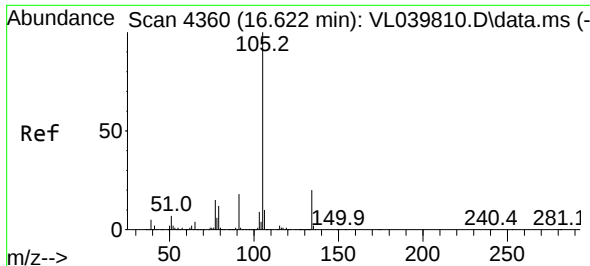
Tgt Ion:119 Resp: 2894109
Ion Ratio Lower Upper
119 100
91 87.6 63.7 95.5
134 20.2 16.2 24.4



#66
Benzyl Chloride
Concen: 4.645 ppbv
RT: 16.291 min Scan# 4257
Delta R.T. -0.022 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

Tgt Ion: 91 Resp: 228996
Ion Ratio Lower Upper
91 100
126 16.9 15.6 23.4
128 5.5 4.9 7.3





#67

sec-Butylbenzene

Concen: 7.245 ppbv

RT: 16.600 min Scan# 41

Delta R.T. -0.022 min

Lab File: VL039844.D

Acq: 9 Nov 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :

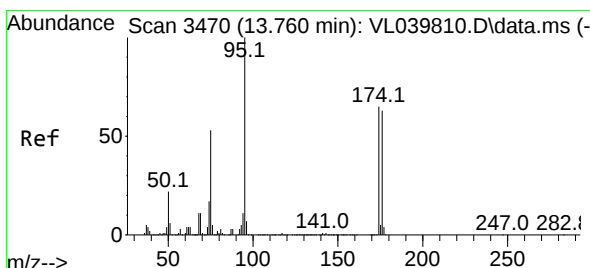
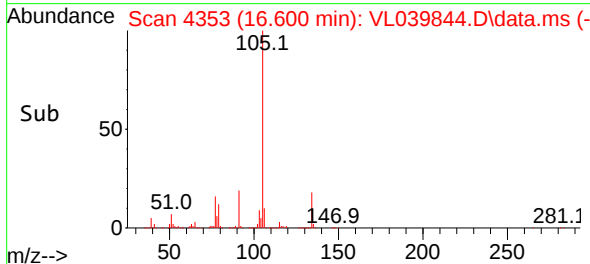
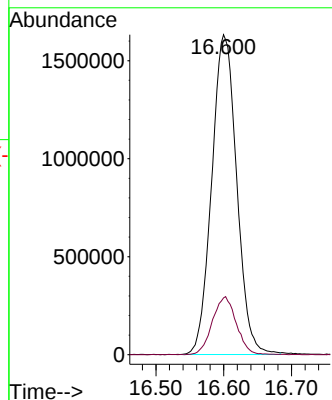
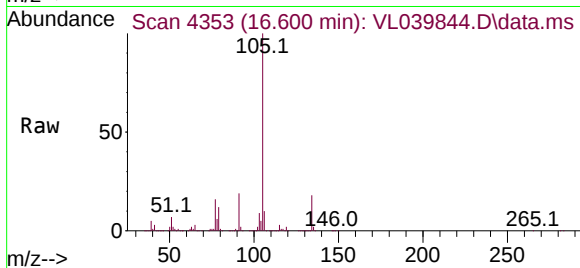
VSTDCCC010

Tgt Ion:105 Resp: 4181525

Ion Ratio Lower Upper

105 100

134 17.5 15.1 22.7



#68

1-Bromo-4-Fluorobenzene

Concen: 8.739 ppbv

RT: 13.738 min Scan# 3463

Delta R.T. -0.022 min

Lab File: VL039844.D

Acq: 9 Nov 2022 11:48

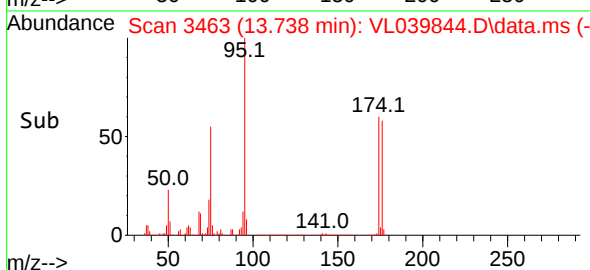
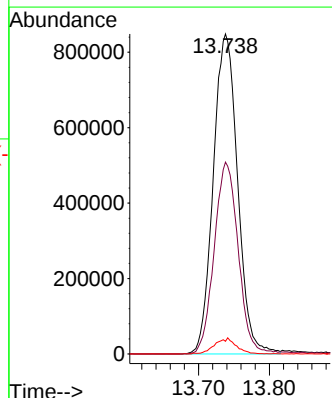
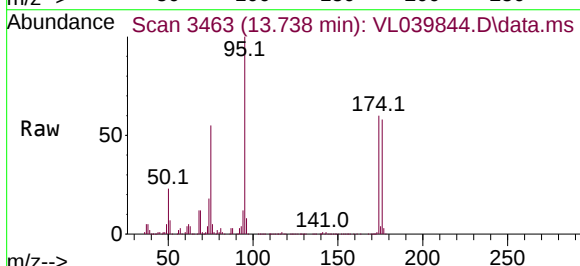
Tgt Ion: 95 Resp: 2025045

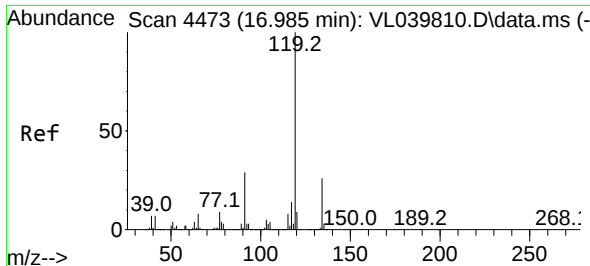
Ion Ratio Lower Upper

95 100

174 59.9 53.4 80.0

175 4.5 4.1 6.1

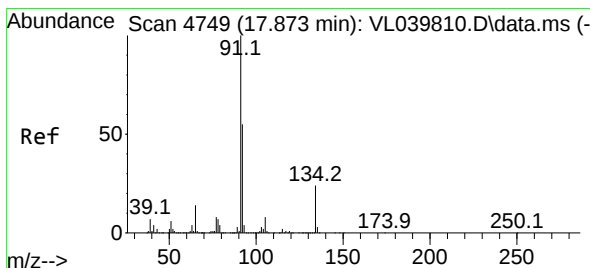
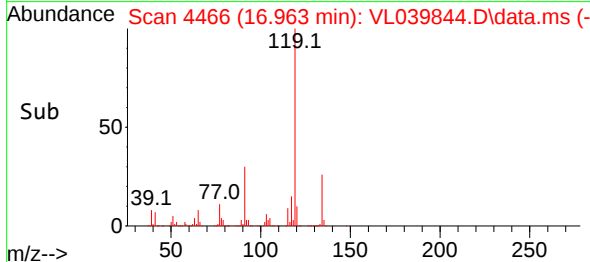
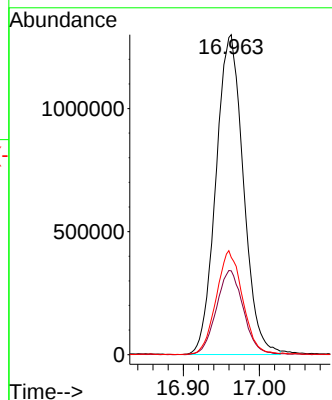
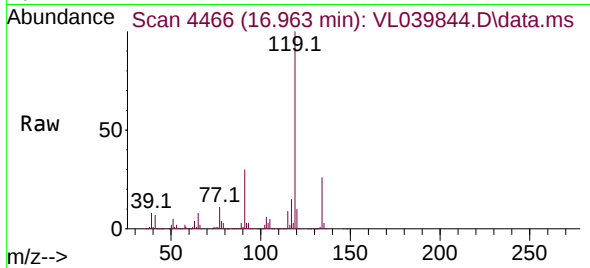




#69
p-Isopropyltoluene
Concen: 6.809 ppbv
RT: 16.963 min Scan# 4473
Delta R.T. -0.022 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

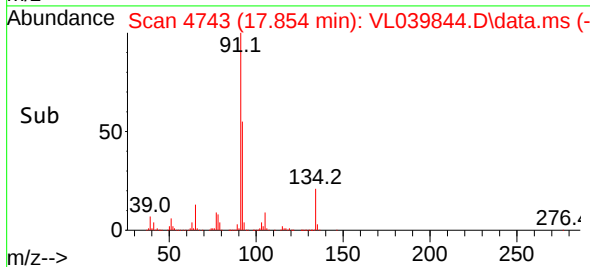
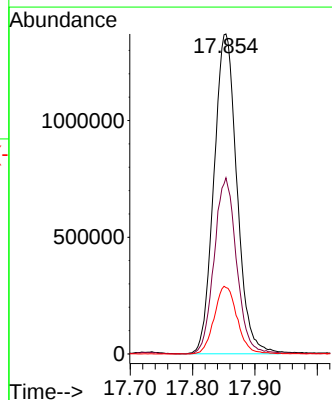
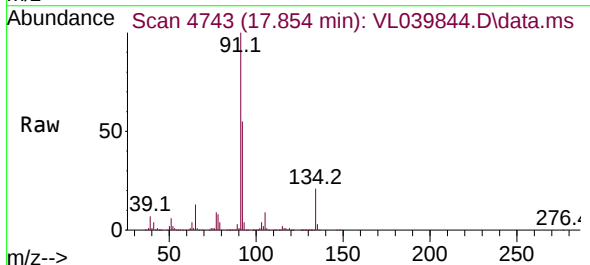
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

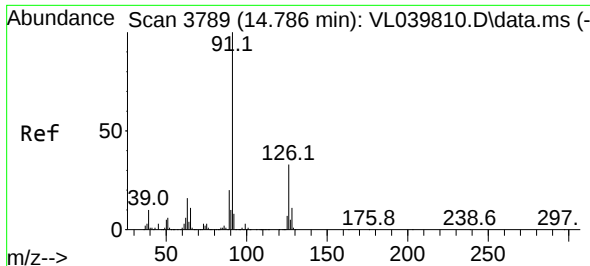
Tgt Ion:119 Resp: 3259690
Ion Ratio Lower Upper
119 100
134 26.0 21.0 31.6
91 31.4 22.8 34.2



#70
n-Butylbenzene
Concen: 7.594 ppbv
RT: 17.854 min Scan# 4743
Delta R.T. -0.019 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

Tgt Ion: 91 Resp: 3514711
Ion Ratio Lower Upper
91 100
92 53.7 44.1 66.1
134 21.1 19.0 28.6

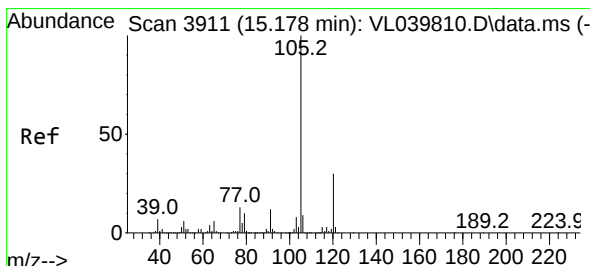
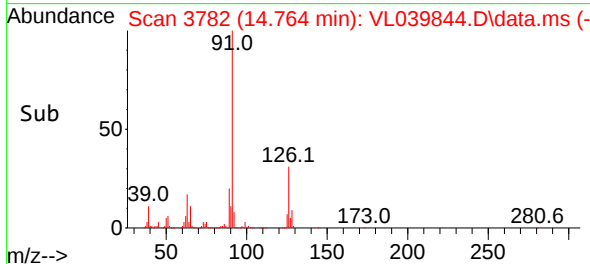
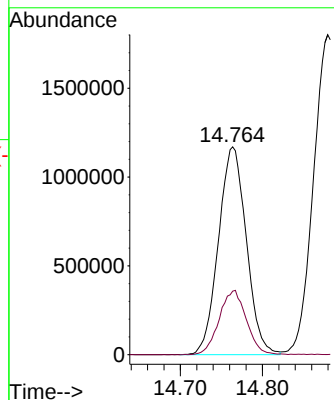
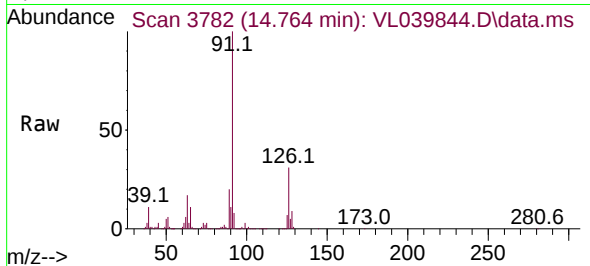




#71
2-Chlorotoluene
Concen: 7.605 ppbv
RT: 14.764 min Scan# 31
Delta R.T. -0.022 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

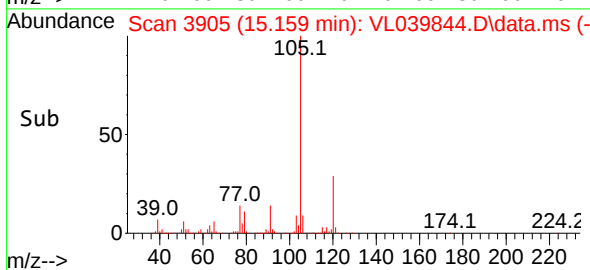
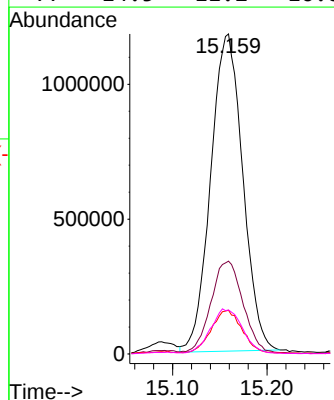
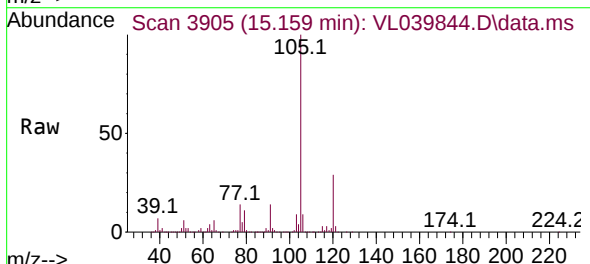
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

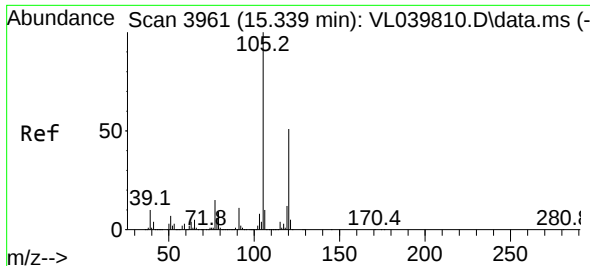
Tgt Ion: 91 Resp: 2759385
Ion Ratio Lower Upper
91 100
126 30.3 12.9 51.5



#72
4-Ethyltoluene
Concen: 7.429 ppbv
RT: 15.159 min Scan# 3905
Delta R.T. -0.019 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

Tgt Ion:105 Resp: 2769484
Ion Ratio Lower Upper
105 100
120 29.7 26.0 39.0
91 13.4 10.5 15.7
77 14.5 11.2 16.8

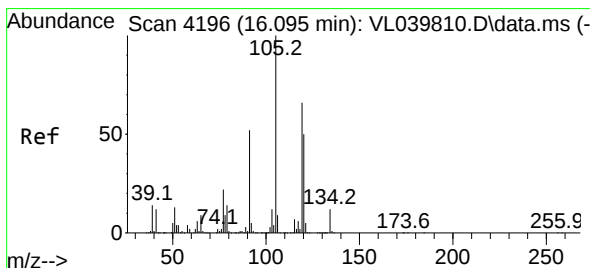
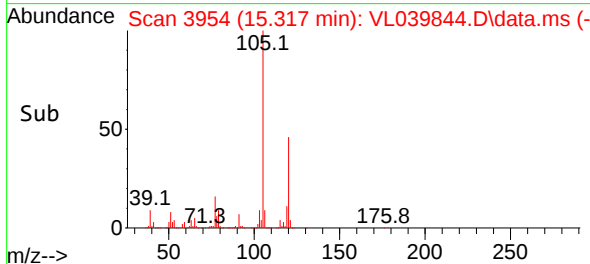
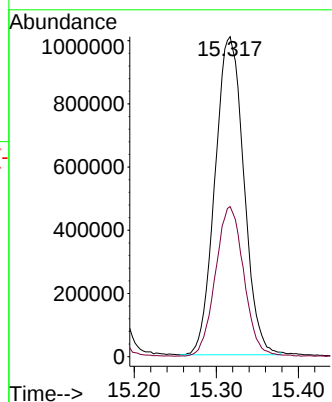
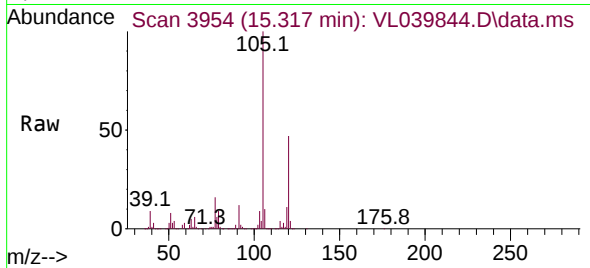




#73
 1,3,5-Trimethylbenzene
 Concen: 7.441 ppbv
 RT: 15.317 min Scan# 3961
 Delta R.T. -0.022 min
 Lab File: VL039844.D
 Acq: 9 Nov 2022 11:48

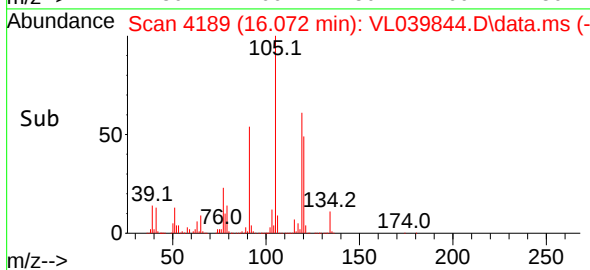
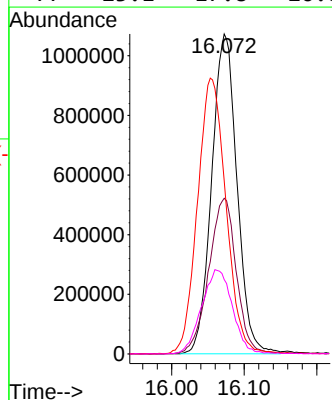
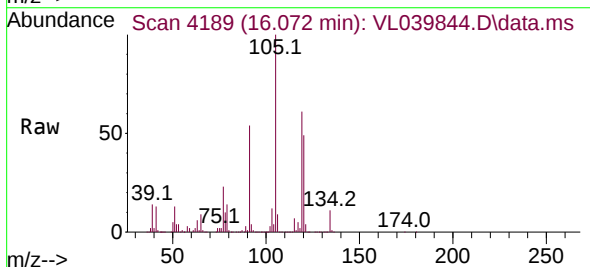
Instrument :
 MSVOA_L
 ClientSampleId :
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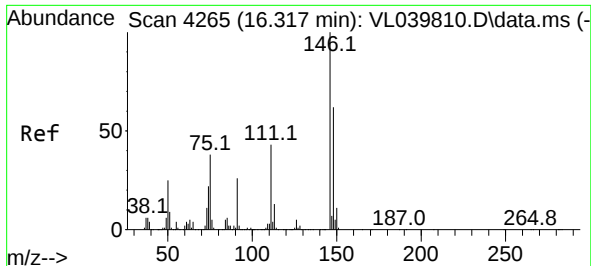
Tgt Ion:105 Resp: 2459096
 Ion Ratio Lower Upper
 105 100
 120 47.0 41.0 61.4



#74
 1,2,4-Trimethylbenzene
 Concen: 7.405 ppbv
 RT: 16.072 min Scan# 4189
 Delta R.T. -0.022 min
 Lab File: VL039844.D
 Acq: 9 Nov 2022 11:48

Tgt Ion:105 Resp: 2599819
 Ion Ratio Lower Upper
 105 100
 120 48.3 40.2 60.4
 91 53.7 42.6 64.0
 77 23.1 17.8 26.8

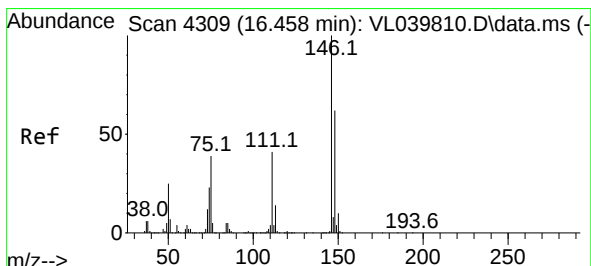
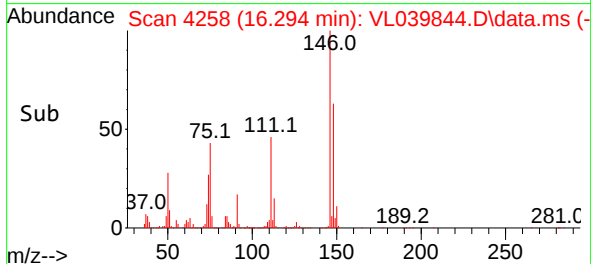
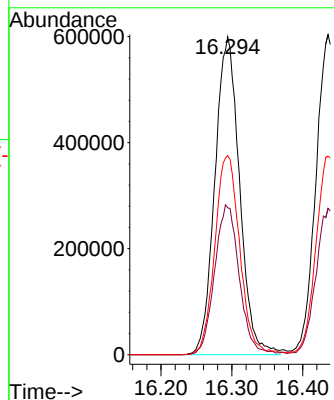
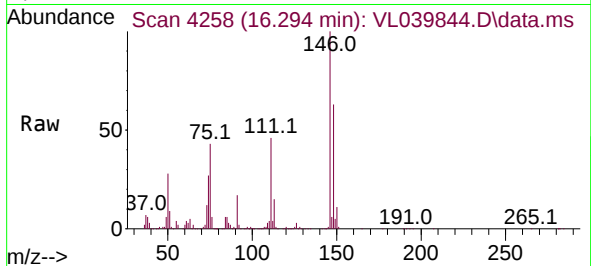




#75
1,3-Dichlorobenzene
Concen: 7.061 ppbv
RT: 16.294 min Scan# 41
Delta R.T. -0.022 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

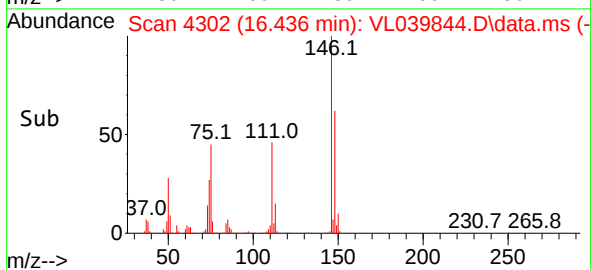
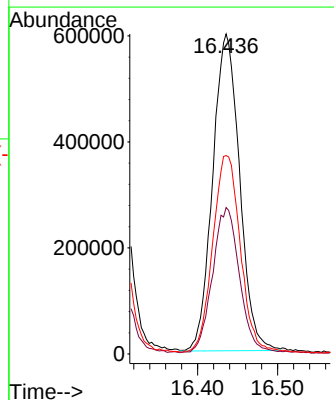
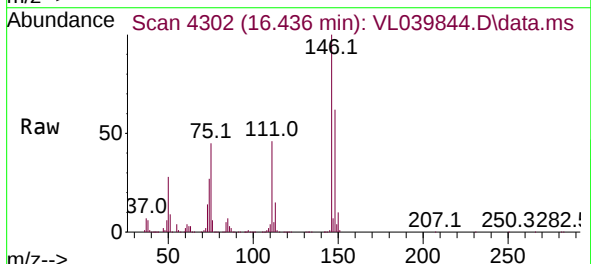
Instrument :
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ClientSampleId :
VSTDCCC010

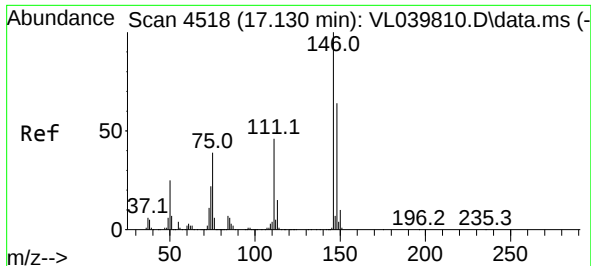
Tgt Ion:146 Resp: 1447434
Ion Ratio Lower Upper
146 100
111 47.3 22.9 68.8
148 63.7 32.3 96.9



#76
1,4-Dichlorobenzene
Concen: 6.945 ppbv
RT: 16.436 min Scan# 4302
Delta R.T. -0.022 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

Tgt Ion:146 Resp: 1396993
Ion Ratio Lower Upper
146 100
111 46.6 22.7 68.1
148 65.3 33.1 99.3

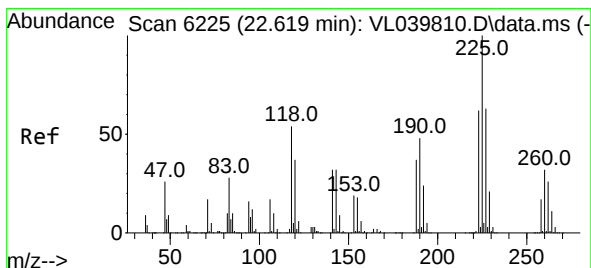
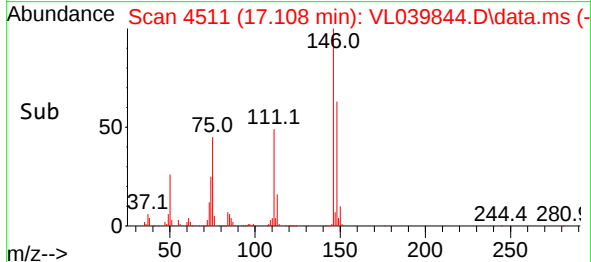
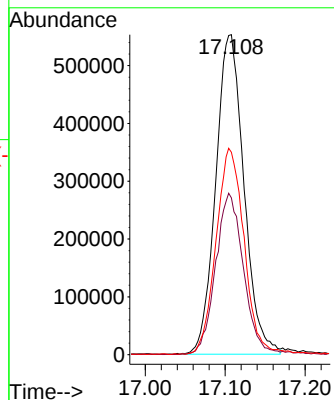
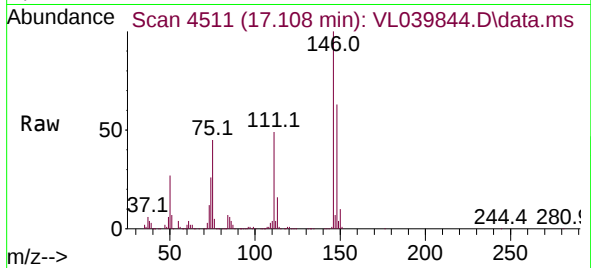




#77
1,2-Dichlorobenzene
Concen: 7.002 ppbv
RT: 17.108 min Scan# 411
Delta R.T. -0.022 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

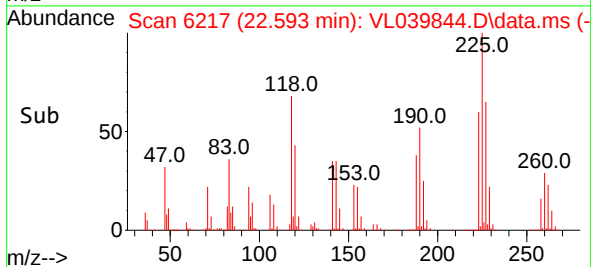
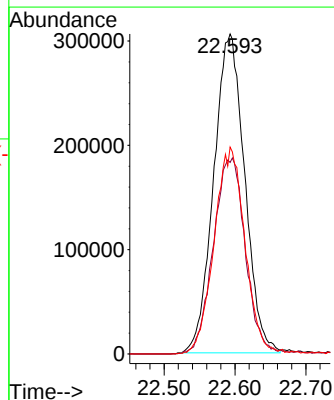
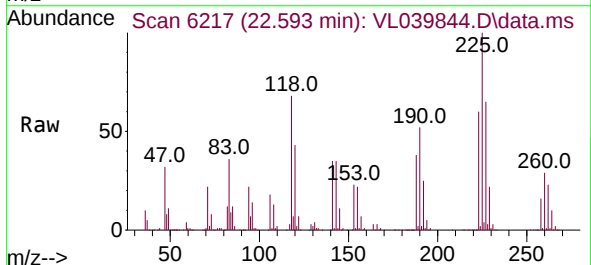
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

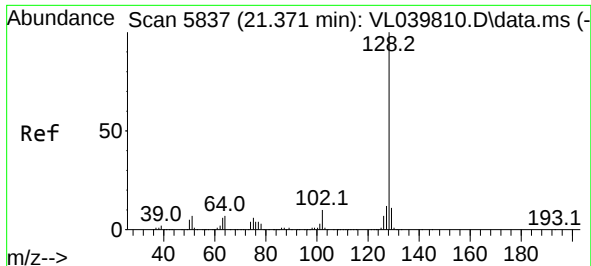
Tgt Ion:146 Resp: 1353229
Ion Ratio Lower Upper
146 100
111 50.3 23.9 71.8
148 65.1 32.4 97.2



#78
Hexachloro-1,3-Butadiene
Concen: 6.480 ppbv
RT: 22.593 min Scan# 6217
Delta R.T. -0.026 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

Tgt Ion:225 Resp: 927879
Ion Ratio Lower Upper
225 100
223 64.3 50.6 75.8
227 64.9 51.6 77.4

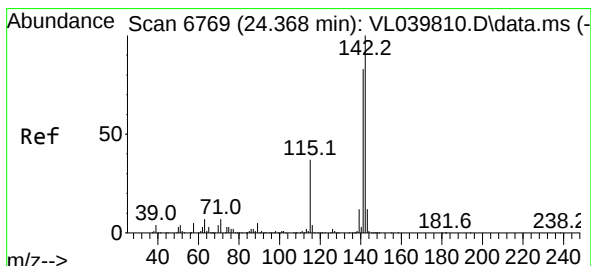
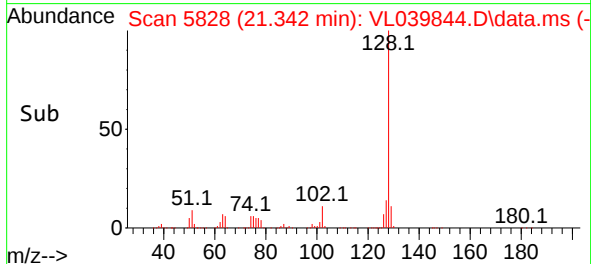
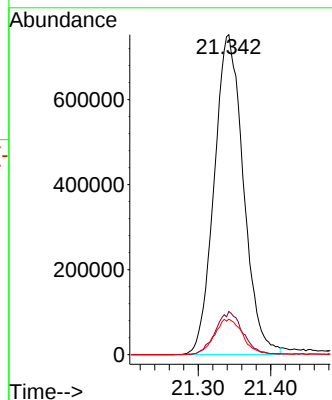
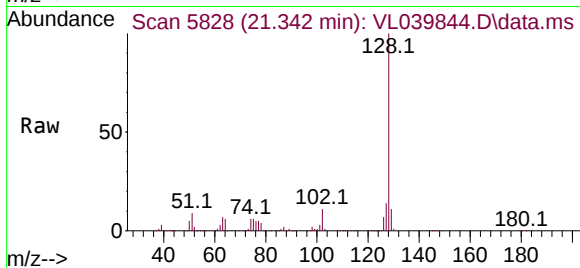




#79
Naphthalene
Concen: 8.244 ppbv
RT: 21.342 min Scan# 51
Delta R.T. -0.029 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

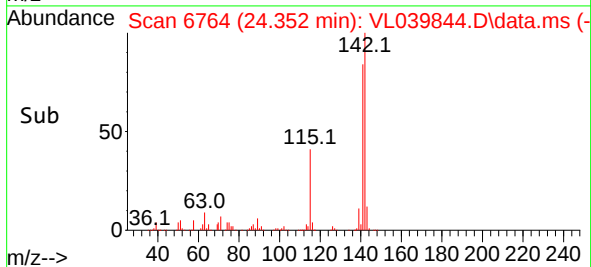
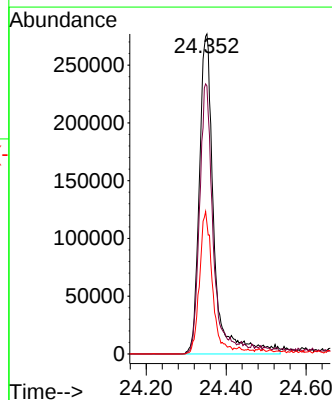
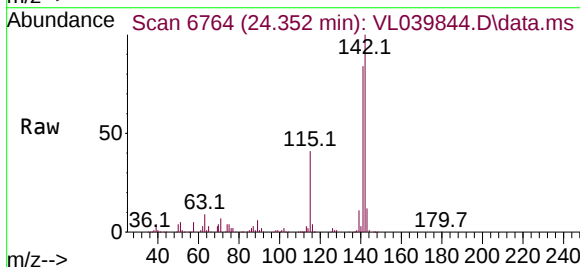
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

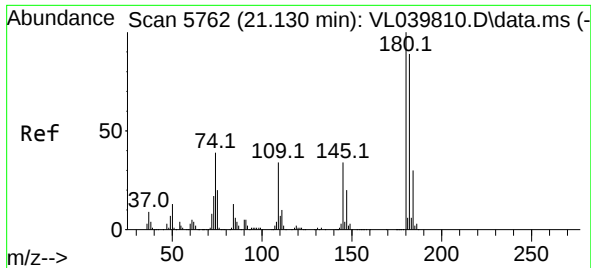
Tgt Ion:128 Resp: 2104465
Ion Ratio Lower Upper
128 100
127 13.5 9.8 14.6
129 11.1 8.6 13.0



#80
Naphthalene,2-methyl-
Concen: 6.498 ppbv
RT: 24.352 min Scan# 6764
Delta R.T. -0.016 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

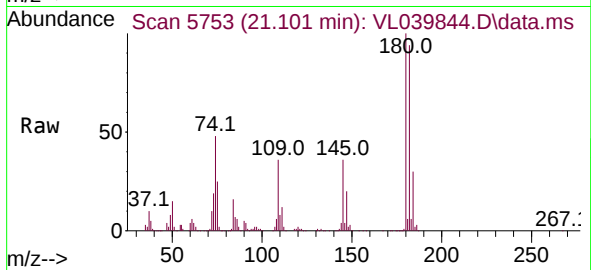
Tgt Ion:142 Resp: 703277
Ion Ratio Lower Upper
142 100
141 78.8 65.1 97.7
115 42.7 29.1 43.7





#81
 1,2,4-Trichlorobenzene
 Concen: 7.569 ppbv
 RT: 21.101 min Scan# 51
 Delta R.T. -0.029 min
 Lab File: VL039844.D
 Acq: 9 Nov 2022 11:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 1080816

Ion	Ratio	Lower	Upper
180	100		
182	100.0	78.1	117.1
184	31.1	24.5	36.7

