

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022823\
 Data File : VL040241.D
 Acq On : 28 Feb 2023 8:59
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Quant Time: Mar 01 04:16:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Feb 28 00:12:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	920918	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.664	114	2412111	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.487	117	2240681	10.000	ppbv	0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.796	95	1898148	10.302	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.726	85	1273130	7.418	ppbv	99
3) Chlorodifluoromethane	2.671	51	1068135	9.709	ppbv	98
4) Chloromethane	2.812	50	671270	9.714	ppbv	98
5) Vinyl Chloride	2.918	62	588996	10.607	ppbv	99
6) Bromomethane	3.118	94	197210	9.840	ppbv	98
7) Chloroethane	3.198	64	224063	10.175	ppbv	99
8) Dichlorotetrafluoroethane	2.854	85	1466336	9.915	ppbv	99
9) Propene	2.690	41	431711	9.627	ppbv	99
10) Heptane	7.594	43	1114437	10.441	ppbv	99
11) Trichlorofluoromethane	3.565	101	1597670	10.374	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.070	101	1190021	10.475	ppbv	98
13) Ethanol	3.246	45	11142	2.699	ppbv #	1
14) Bromoethene	3.365	108	454447	10.431	ppbv	98
15) Acetone	3.468	43	1042639	9.404	ppbv	100
16) 1,3-Butadiene	2.983	39	531108	10.489	ppbv	100
17) tert-Butyl alcohol	3.880	59	1103436	10.913	ppbv	99
18) 1,1-Dichloroethene	3.883	96	517681	10.487	ppbv	96
19) Isopropyl Alcohol	3.574	45	509289	9.663	ppbv #	97
20) Methylene Chloride	3.935	84	443447	7.683	ppbv	97
21) Allyl Chloride	3.999	41	719589	10.582	ppbv	97
22) trans-1,2-Dichloroethene	4.452	96	521575	10.204	ppbv	96
23) Vinyl Acetate	4.632	43	340700	10.125	ppbv	98
24) 1,1-Dichloroethane	4.571	63	1078062	10.250	ppbv	99
25) Ethyl Acetate	5.211	43	1972138	9.568	ppbv	99
26) Hexane	5.224	57	837795	9.469	ppbv	98
27) Carbon Disulfide	4.127	76	1314157	11.705	ppbv	98
28) Methyl tert-Butyl Ether	4.590	73	973452	10.268	ppbv	98
29) Chloroform	5.282	83	1491880	9.820	ppbv	100
30) Cyclohexane	6.616	84	720685	10.373	ppbv	99
31) cis-1,2-Dichloroethene	5.086	61	825067	9.814	ppbv	98
32) 1,1,1-Trichloroethane	6.015	97	1507275	10.559	ppbv	99
34) 2-Butanone	4.793	43	1176164	9.885	ppbv	99
35) Carbon Tetrachloride	6.507	117	1594053	11.179	ppbv	99
36) Benzene	6.385	78	1818599	9.688	ppbv	99
37) 1,2-Dichloroethane	5.819	62	1178363	10.037	ppbv	98
38) Trichloroethene	7.307	130	1098346	10.618	ppbv	99
39) 1,2-Dichloropropane	7.086	63	711266	9.740	ppbv	98
40) 1,4-Dioxane	7.301	88	278026	9.518	ppbv	92
41) Tetrahydrofuran	5.568	42	681543	9.884	ppbv	99
42) Bromodichloromethane	7.262	83	1682675	10.384	ppbv	100
43) Methyl Methacrylate	7.487	69	732344	10.544	ppbv	99
44) 2,2,4-Trimethylpentane	7.343	57	3085832	9.848	ppbv	99
45) t-1,3-Dichloropropene	8.729	75	702987	11.410	ppbv	96

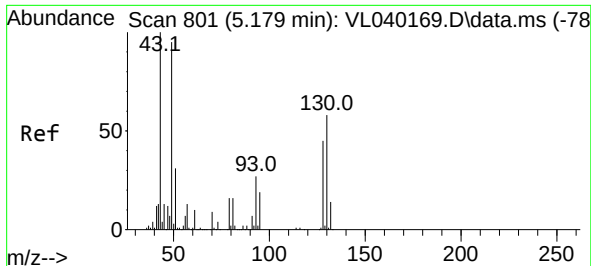
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022823\
 Data File : VL040241.D
 Acq On : 28 Feb 2023 8:59
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Mar 01 04:16:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Feb 28 00:12:21 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.159	75	950865	11.078	ppbv	99
47) 1,1,2-Trichloroethane	8.918	97	763429	9.666	ppbv	97
48) Dibromochloromethane	9.729	129	1343206	10.633	ppbv	100
49) Bromoform	12.429	173	1054086	10.690	ppbv	99
50) 4-Methyl-2-Pentanone	8.195	43	1938122	10.490	ppbv	99
51) 2-Hexanone	9.568	43	1495650	10.526	ppbv #	99
52) Tetrachloroethene	10.635	164	605872	10.336	ppbv	98
53) Toluene	9.240	91	2083702	10.364	ppbv	98
54) 1,2-Dibromoethane	10.028	107	865514	10.532	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.529	131	971923	10.333	ppbv	94
57) Chlorobenzene	11.548	112	1607696	9.821	ppbv	99
58) Ethyl Benzene	12.111	91	2858294	10.499	ppbv	98
59) m/p-Xylene	12.397	91	2388019	9.903	ppbv #	29
60) o-Xylene	13.082	91	2417079	10.418	ppbv	100
61) Styrene	12.918	104	767743	6.303	ppbv #	35
62) Isopropylbenzene	14.053	105	3377125	10.141	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.072	83	795687	9.517	ppbv	100
64) n-propylbenzene	14.937	120	842535	10.222	ppbv	95
65) tert-Butylbenzene	16.114	119	2941930	10.162	ppbv	98
66) Benzyl Chloride	16.358	91	86440	4.487	ppbv #	67
67) sec-Butylbenzene	16.661	105	4193110	10.100	ppbv	99
69) p-Isopropyltoluene	17.018	119	3314944	10.072	ppbv	99
70) n-Butylbenzene	17.908	91	3603754	10.088	ppbv	100
71) 2-Chlorotoluene	14.825	91	2578486	10.123	ppbv	99
72) 4-Ethyltoluene	15.217	105	2703930	10.542	ppbv	99
73) 1,3,5-Trimethylbenzene	15.378	105	2389104	10.011	ppbv	97
74) 1,2,4-Trimethylbenzene	16.130	105	2633365	10.045	ppbv	95
75) 1,3-Dichlorobenzene	16.355	146	1403001	9.780	ppbv	99
76) 1,4-Dichlorobenzene	16.497	146	1364555	9.706	ppbv	99
77) 1,2-Dichlorobenzene	17.166	146	1348711	9.464	ppbv	100
78) Hexachloro-1,3-Butadiene	22.660	225	831359	8.492	ppbv	100
79) Naphthalene	21.410	128	1645589	11.174	ppbv	98
80) Naphthalene,2-methyl-	24.397	142	338477	8.082	ppbv	99
81) 1,2,4-Trichlorobenzene	21.169	180	900603	9.772	ppbv	98

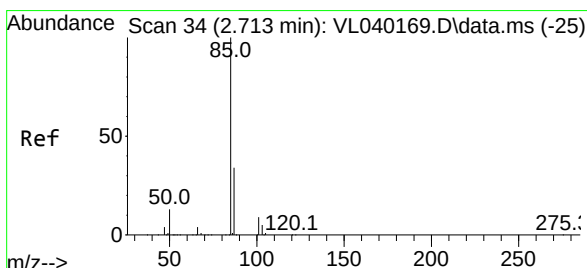
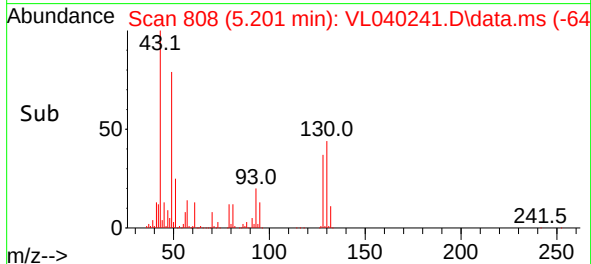
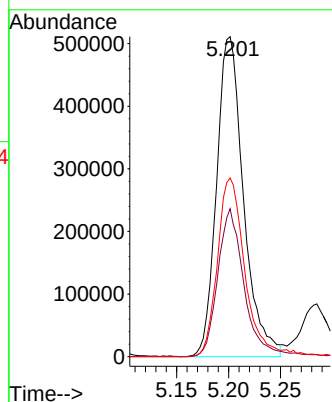
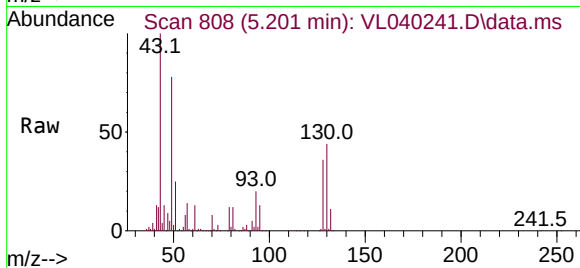
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. 0.019 min
Lab File: VL040241.D
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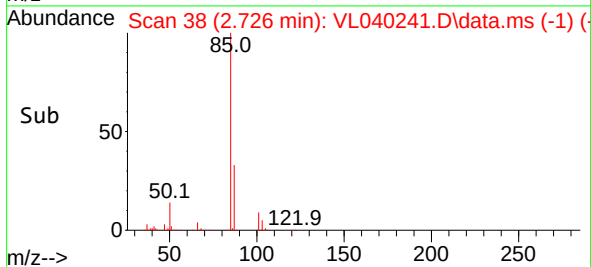
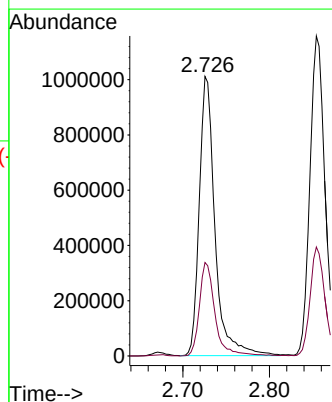
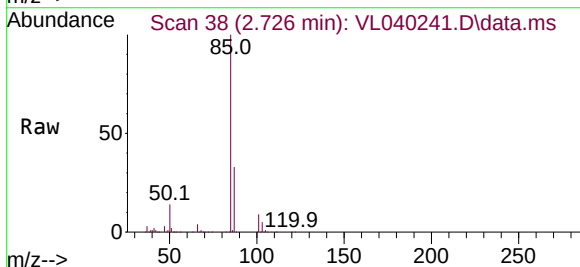
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ClientSampleId :
VSTDCCC010

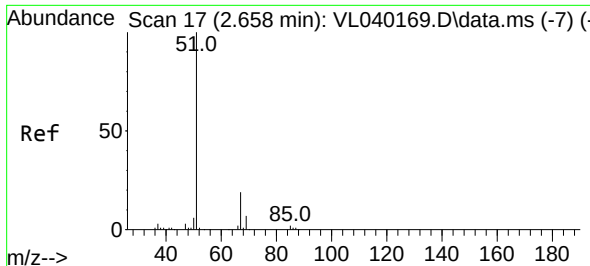
Tgt Ion: 49 Resp: 920918
Ion Ratio Lower Upper
49 100
128 46.0 24.1 72.3
130 58.2 30.9 92.8



#2
Dichlorodifluoromethane
Concen: 7.418 ppbv
RT: 2.726 min Scan# 38
Delta R.T. 0.010 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

Tgt Ion: 85 Resp: 1273130
Ion Ratio Lower Upper
85 100
87 33.5 27.0 40.6

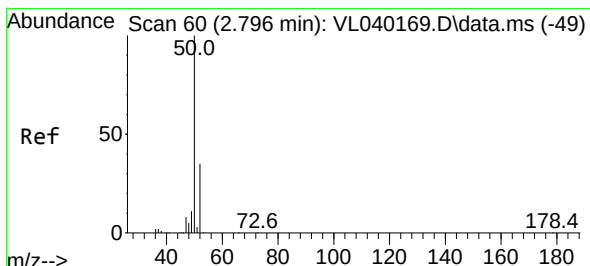
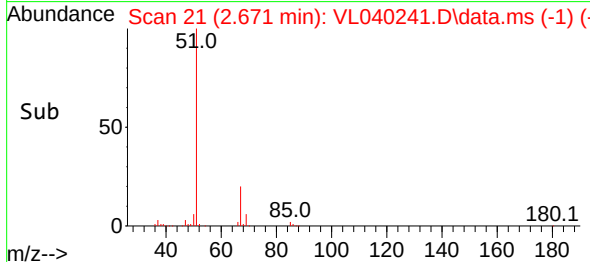
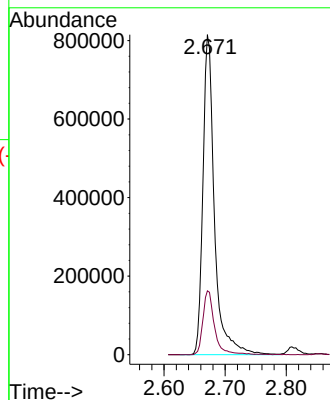
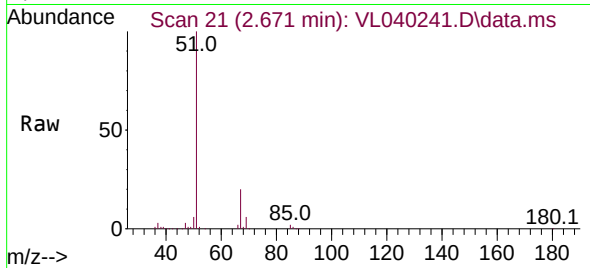




#3
Chlorodifluoromethane
Concen: 9.709 ppbv
RT: 2.671 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

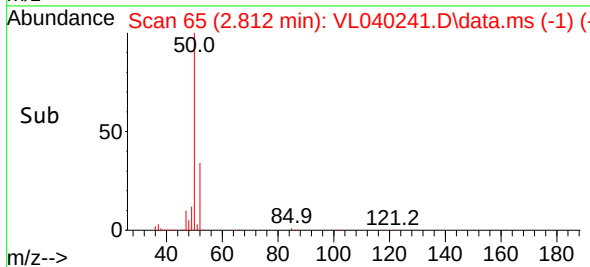
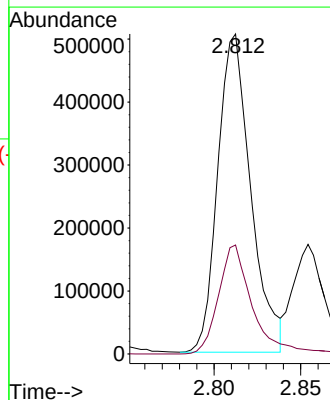
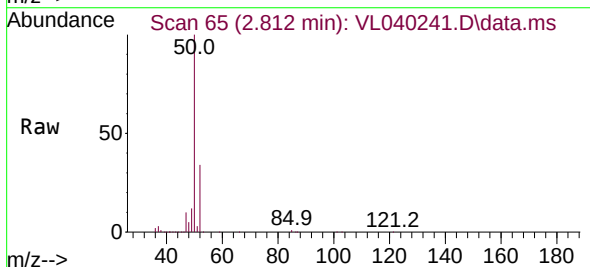
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ClientSampleId :
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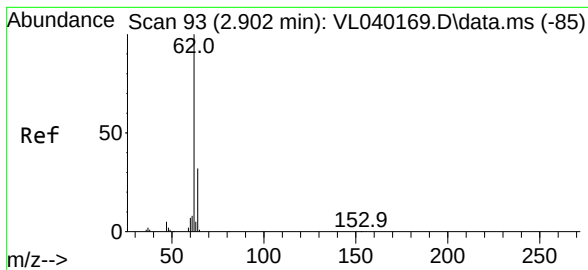
Tgt Ion: 51 Resp: 1068135
Ion Ratio Lower Upper
51 100
67 20.2 15.4 23.2



#4
Chloromethane
Concen: 9.714 ppbv
RT: 2.812 min Scan# 65
Delta R.T. 0.016 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

Tgt Ion: 50 Resp: 671270
Ion Ratio Lower Upper
50 100
52 34.2 28.3 42.5

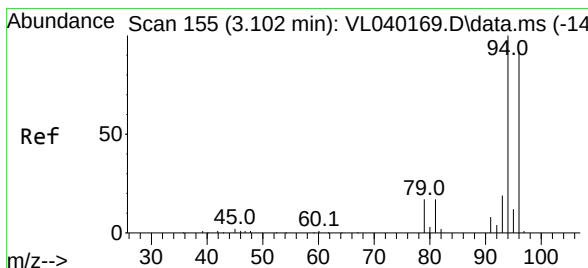
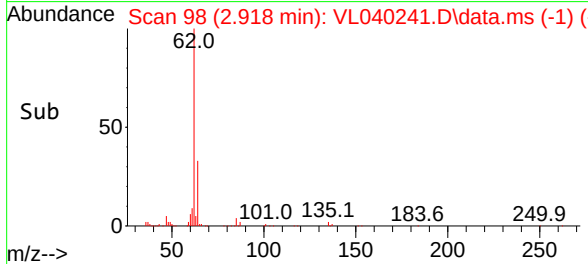
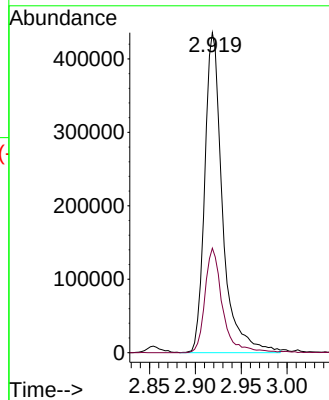
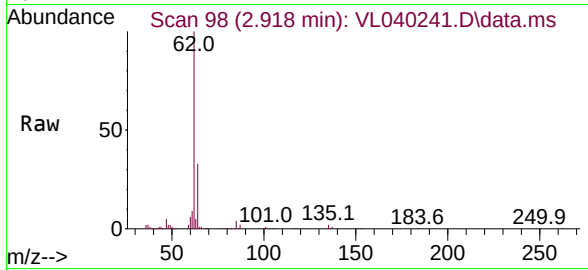




#5
 Vinyl Chloride
 Concen: 10.607 ppbv
 RT: 2.918 min Scan# 91
 Delta R.T. 0.013 min
 Lab File: VL040241.D
 Acq: 28 Feb 2023 8:59

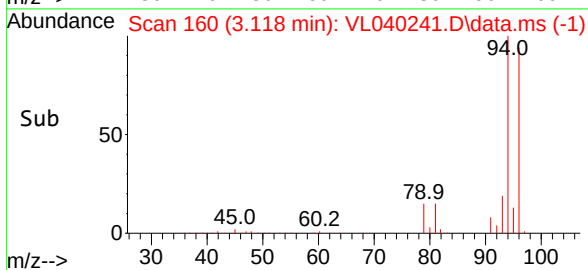
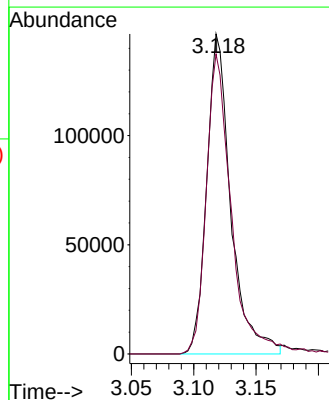
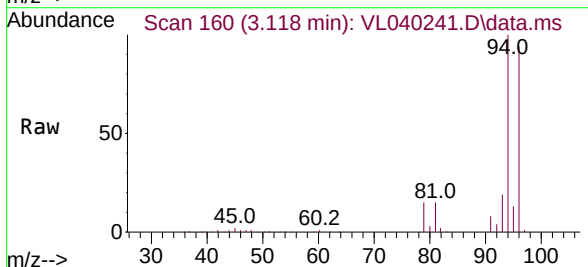
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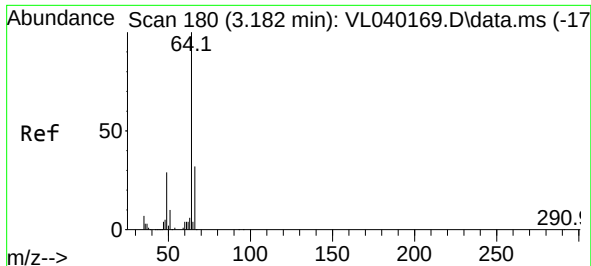
Tgt Ion: 62 Resp: 588996
 Ion Ratio Lower Upper
 62 100
 64 32.7 25.6 38.4



#6
 Bromomethane
 Concen: 9.840 ppbv
 RT: 3.118 min Scan# 160
 Delta R.T. 0.010 min
 Lab File: VL040241.D
 Acq: 28 Feb 2023 8:59

Tgt Ion: 94 Resp: 197210
 Ion Ratio Lower Upper
 94 100
 96 93.7 73.4 110.2

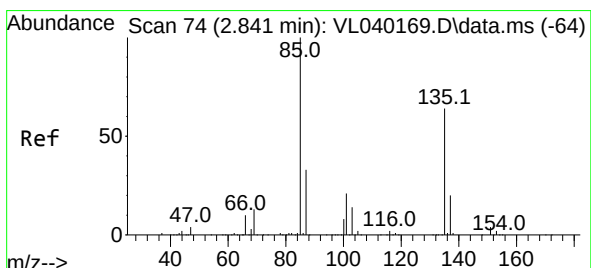
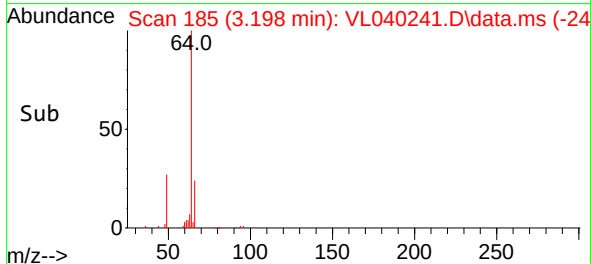
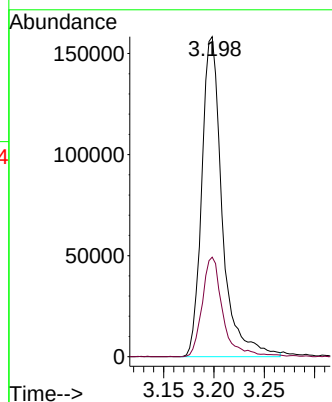
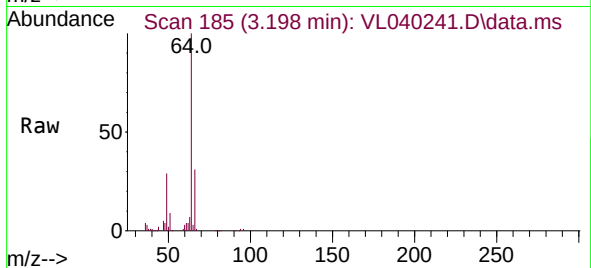




#7
Chloroethane
Concen: 10.175 ppbv
RT: 3.198 min Scan# 11
Delta R.T. 0.016 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

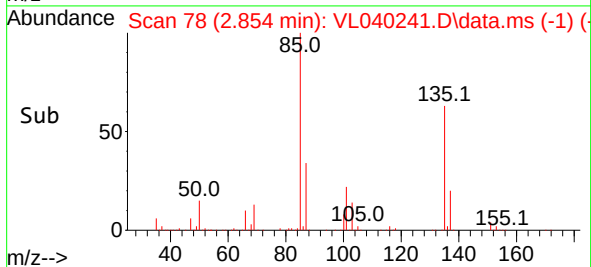
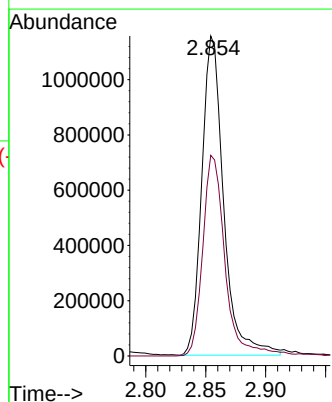
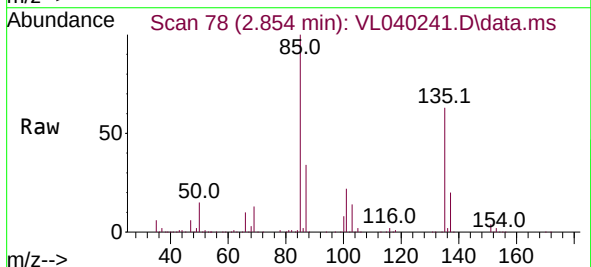
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VSTDCCC010

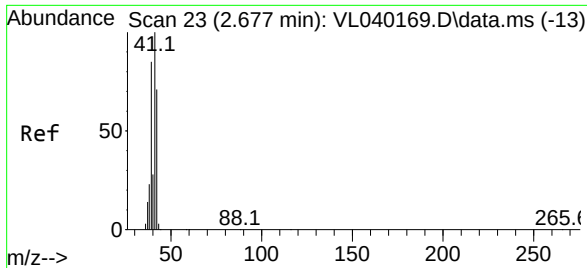
Tgt Ion: 64 Resp: 224063
Ion Ratio Lower Upper
64 100
66 31.1 25.4 38.2



#8
Dichlorotetrafluoroethane
Concen: 9.915 ppbv
RT: 2.854 min Scan# 78
Delta R.T. 0.013 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

Tgt Ion: 85 Resp: 1466336
Ion Ratio Lower Upper
85 100
135 65.0 51.5 77.3

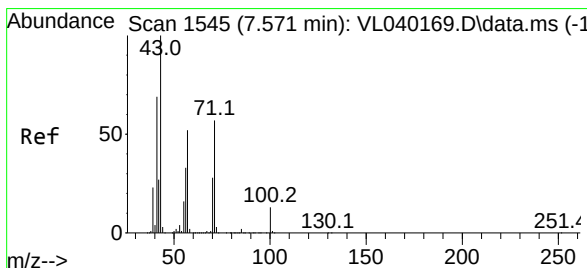
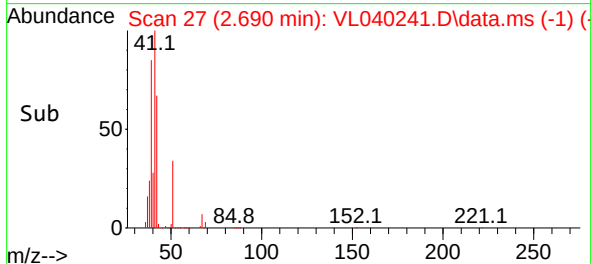
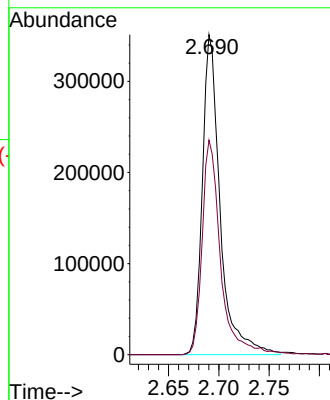
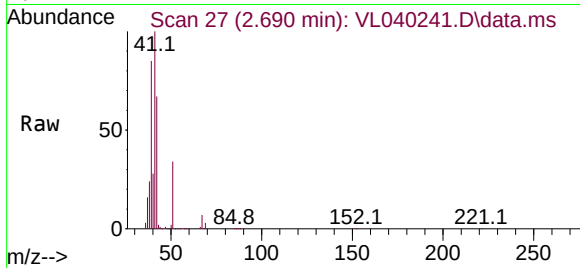




#9
 Propene
 Concen: 9.627 ppbv
 RT: 2.690 min Scan# 21
 Delta R.T. 0.010 min
 Lab File: VL040241.D
 Acq: 28 Feb 2023 8:59

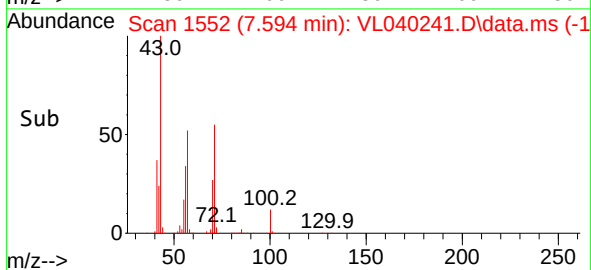
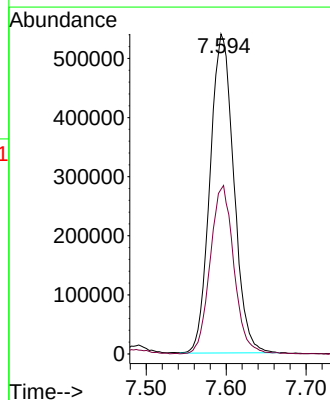
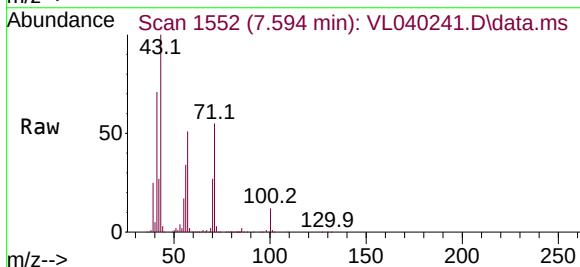
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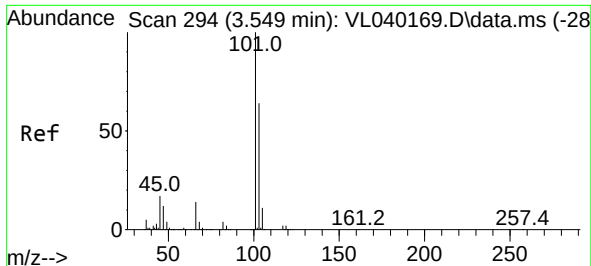
Tgt Ion: 41 Resp: 431711
 Ion Ratio Lower Upper
 41 100
 42 69.9 56.9 85.3



#10
 Heptane
 Concen: 10.441 ppbv
 RT: 7.594 min Scan# 1552
 Delta R.T. 0.016 min
 Lab File: VL040241.D
 Acq: 28 Feb 2023 8:59

Tgt Ion: 43 Resp: 1114437
 Ion Ratio Lower Upper
 43 100
 57 52.8 41.4 62.2

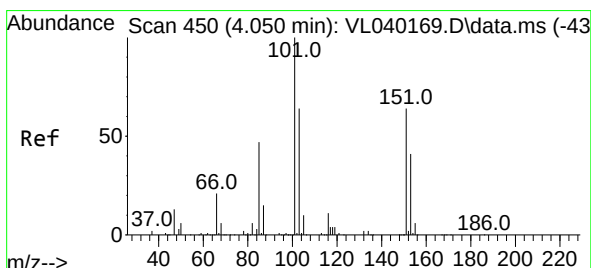
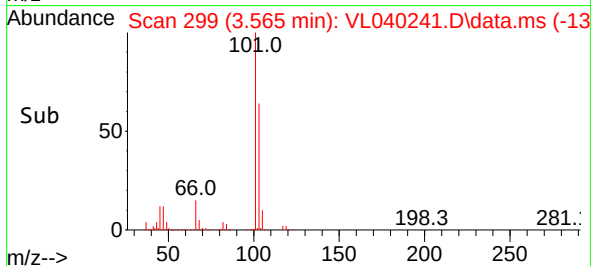
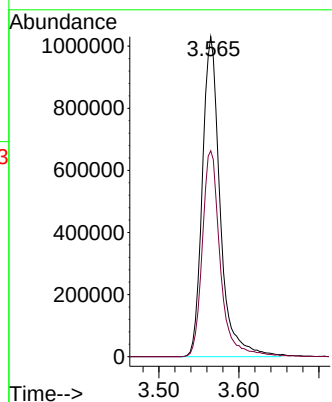
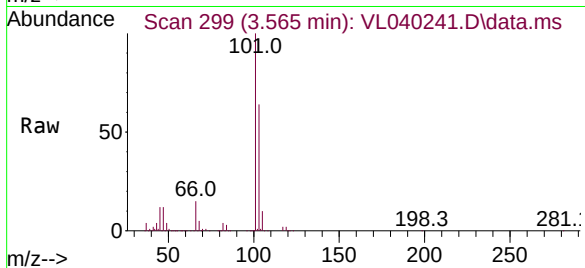




#11
 Trichlorofluoromethane
 Concen: 10.374 ppbv
 RT: 3.565 min Scan# 294
 Delta R.T. 0.016 min
 Lab File: VL040241.D
 Acq: 28 Feb 2023 8:59

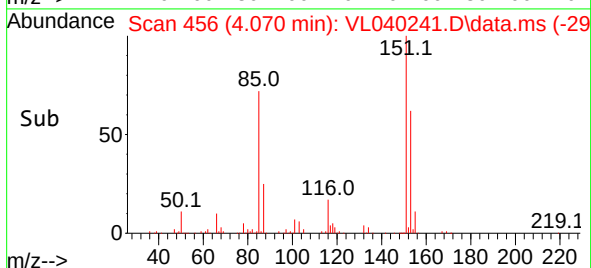
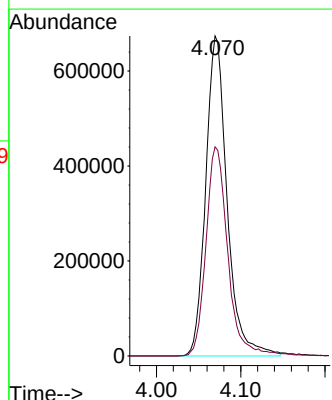
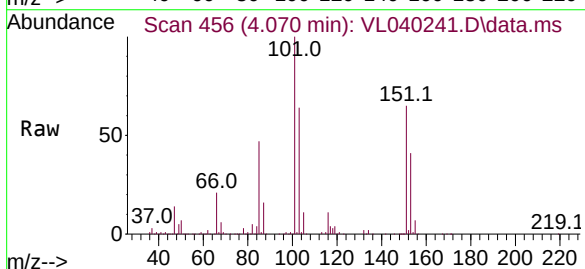
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 ClientSampleId :
 VSTDCCC010

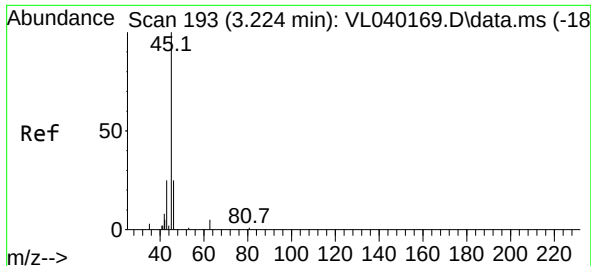
Tgt Ion:101 Resp: 1597670
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.0 76.6



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.475 ppbv
 RT: 4.070 min Scan# 456
 Delta R.T. 0.013 min
 Lab File: VL040241.D
 Acq: 28 Feb 2023 8:59

Tgt Ion:101 Resp: 1190021
 Ion Ratio Lower Upper
 101 100
 151 67.1 54.7 82.1

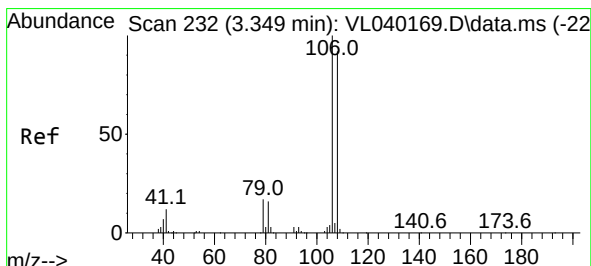
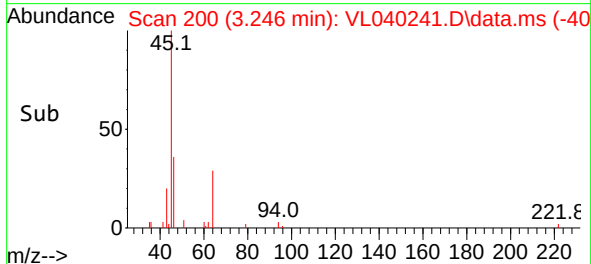
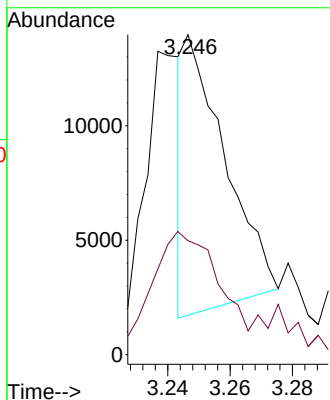
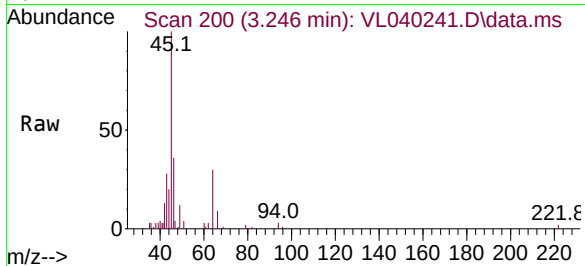




#13
Ethanol
Concen: 2.699 ppbv
RT: 3.246 min Scan# 200
Delta R.T. 0.013 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

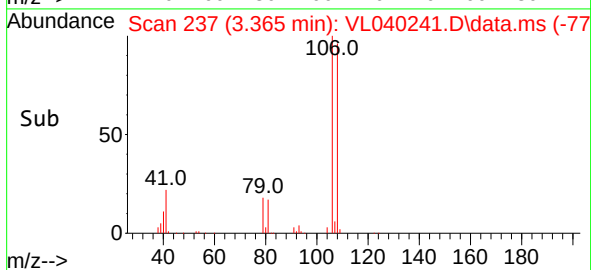
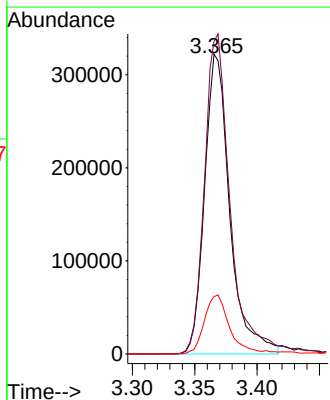
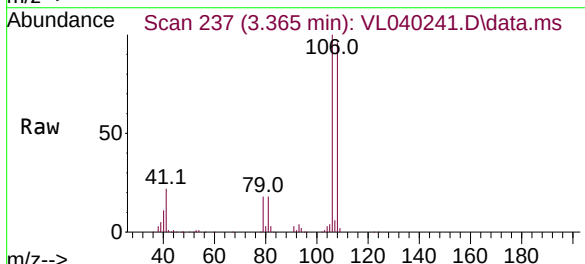
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

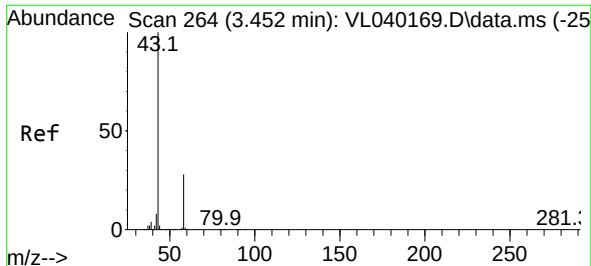
Tgt Ion: 45 Resp: 11142
Ion Ratio Lower Upper
45 100
46 97.3 13.3 53.1#



#14
Bromoethene
Concen: 10.431 ppbv
RT: 3.365 min Scan# 237
Delta R.T. 0.013 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

Tgt Ion:108 Resp: 454447
Ion Ratio Lower Upper
108 100
106 110.7 87.1 130.7
79 20.7 15.4 23.2

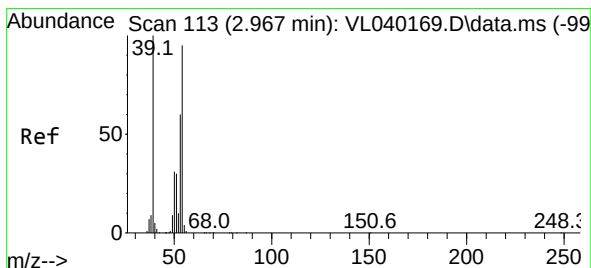
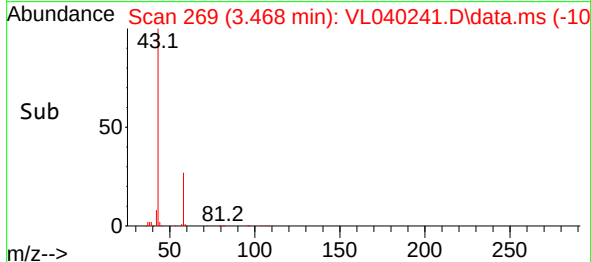
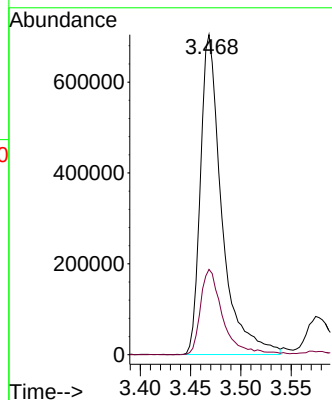
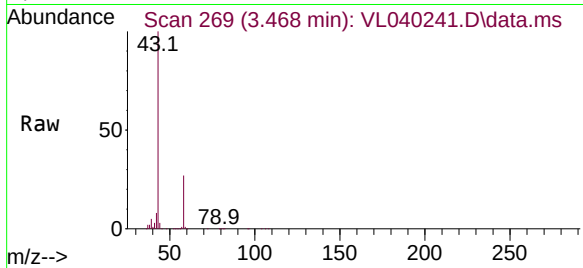




#15
Acetone
Concen: 9.404 ppbv
RT: 3.468 min Scan# 20
Delta R.T. 0.013 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

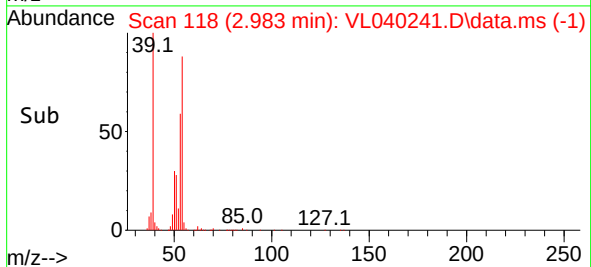
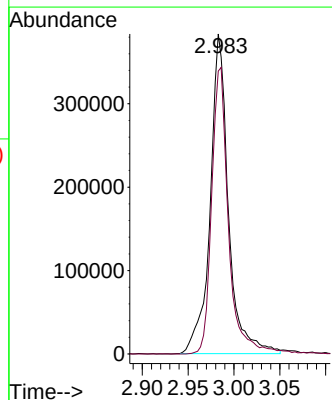
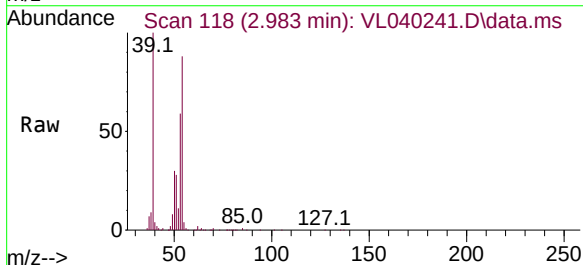
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

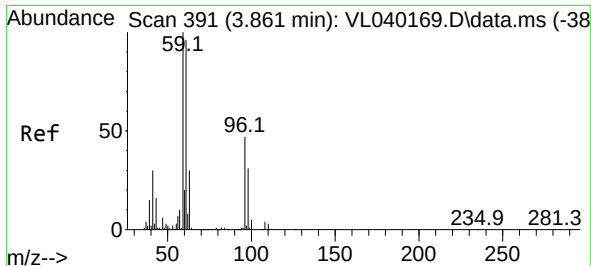
Tgt Ion: 43 Resp: 1042639
Ion Ratio Lower Upper
43 100
58 28.0 22.4 33.6



#16
1,3-Butadiene
Concen: 10.489 ppbv
RT: 2.983 min Scan# 118
Delta R.T. 0.013 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

Tgt Ion: 39 Resp: 531108
Ion Ratio Lower Upper
39 100
54 83.2 66.7 100.1





#17

tert-Butyl alcohol

Concen: 10.913 ppbv

RT: 3.880 min Scan# 391

Delta R.T. 0.016 min

Lab File: VL040241.D

Acq: 28 Feb 2023 8:59

Instrument :

MSVOA_L

ClientSampleId :

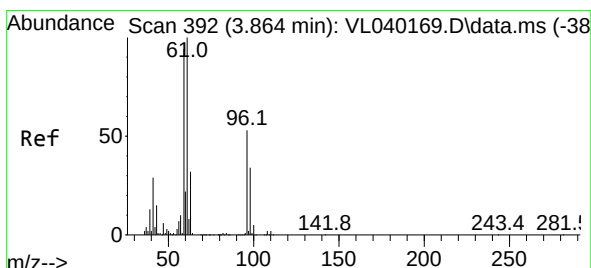
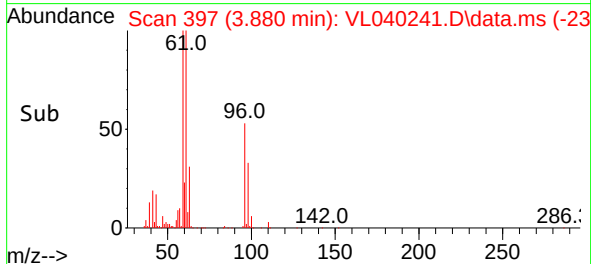
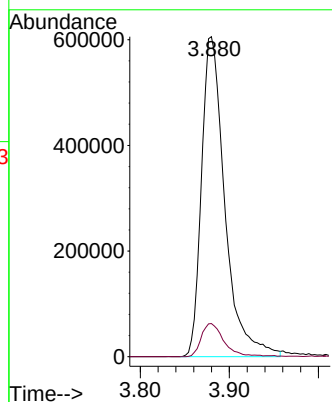
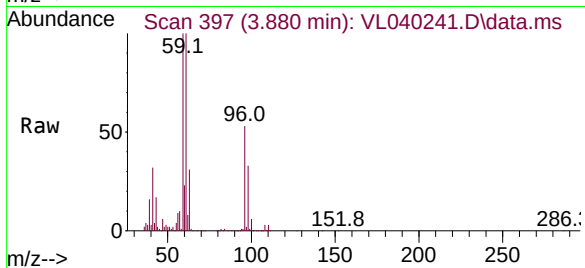
VSTDCCC010

Tgt Ion: 59 Resp: 1103436

Ion Ratio Lower Upper

59 100

57 10.2 8.5 12.7



#18

1,1-Dichloroethene

Concen: 10.487 ppbv

RT: 3.883 min Scan# 398

Delta R.T. 0.016 min

Lab File: VL040241.D

Acq: 28 Feb 2023 8:59

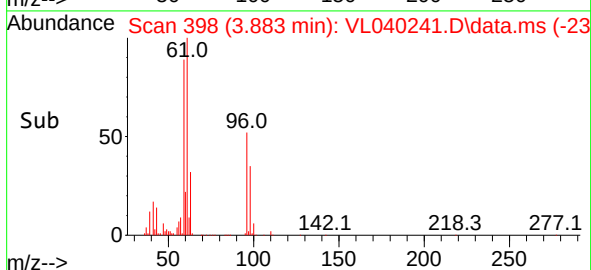
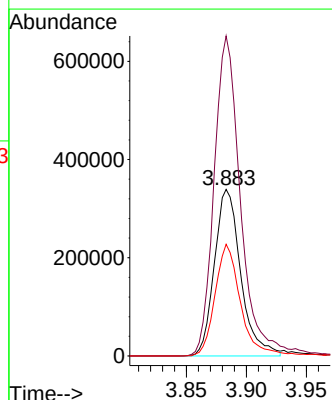
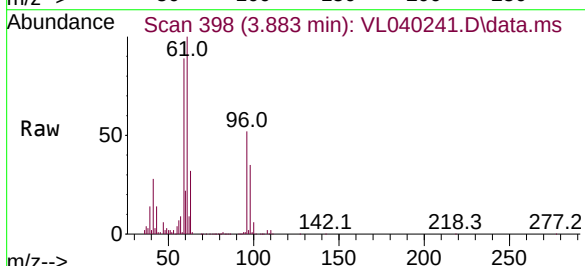
Tgt Ion: 96 Resp: 517681

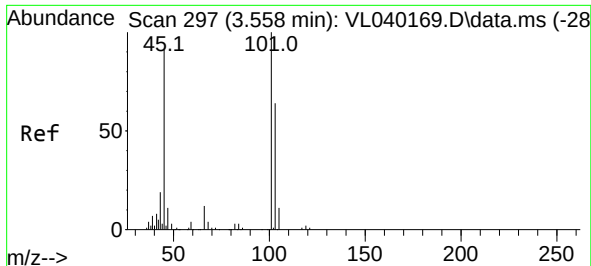
Ion Ratio Lower Upper

96 100

61 192.2 149.6 224.4

98 67.1 51.1 76.7

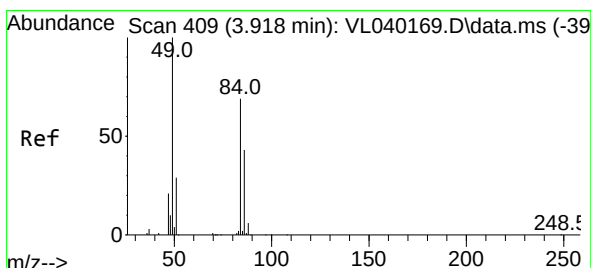
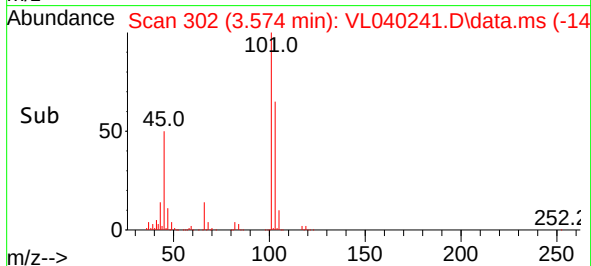
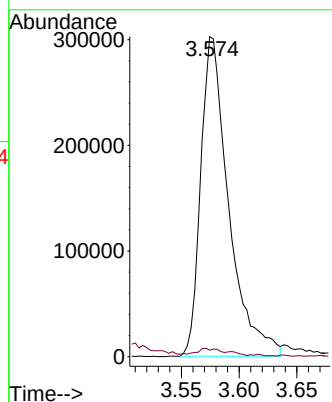
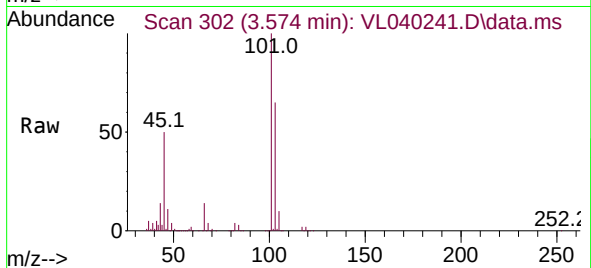




#19
Isopropyl Alcohol
Concen: 9.663 ppbv
RT: 3.574 min Scan# 302
Delta R.T. 0.010 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

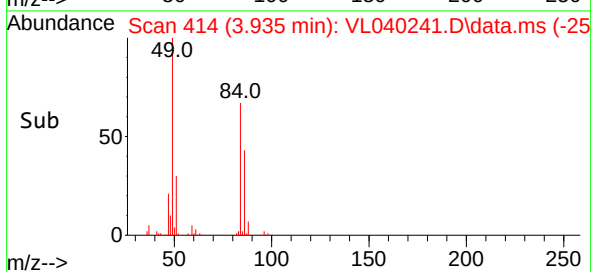
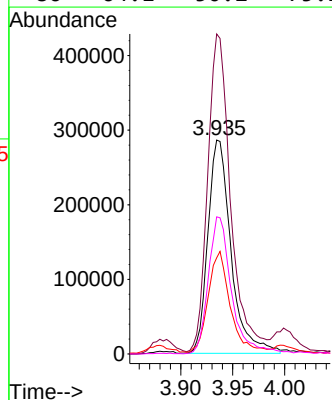
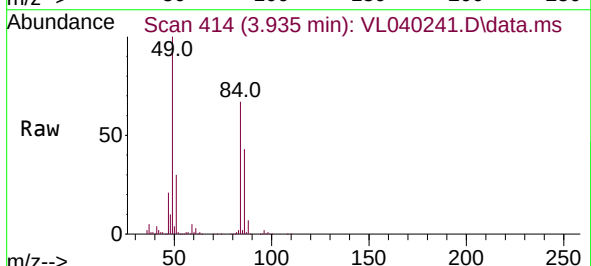
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

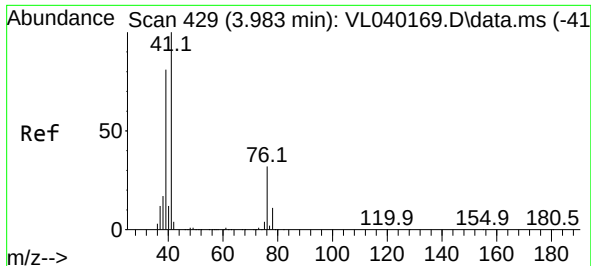
Tgt Ion: 45 Resp: 509289
Ion Ratio Lower Upper
45 100
58 4.2 2.6 3.8#



#20
Methylene Chloride
Concen: 7.683 ppbv
RT: 3.935 min Scan# 414
Delta R.T. 0.013 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

Tgt Ion: 84 Resp: 443447
Ion Ratio Lower Upper
84 100
49 147.8 115.5 173.3
51 44.2 33.1 49.7
86 64.1 50.2 75.2

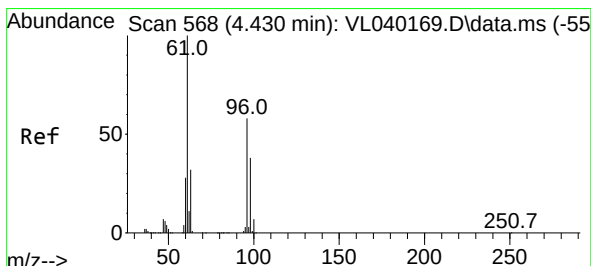
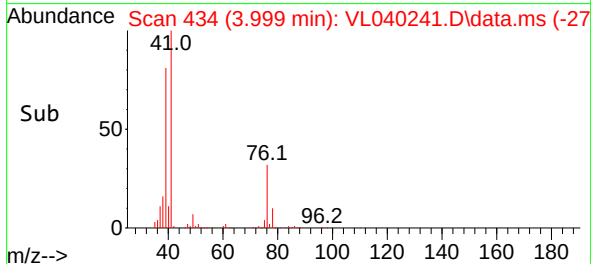
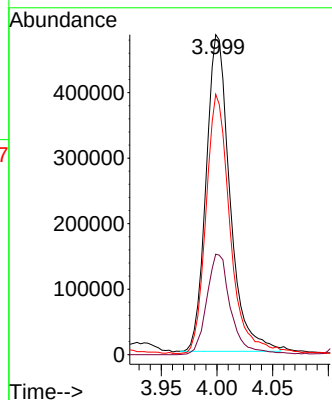
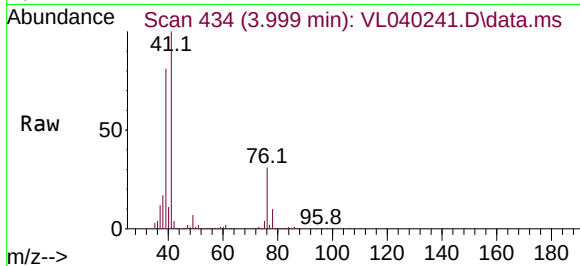




#21
 Allyl Chloride
 Concen: 10.582 ppbv
 RT: 3.999 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VL040241.D
 Acq: 28 Feb 2023 8:59

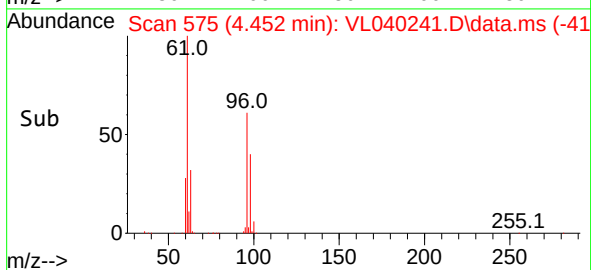
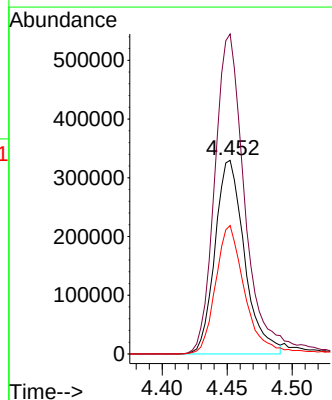
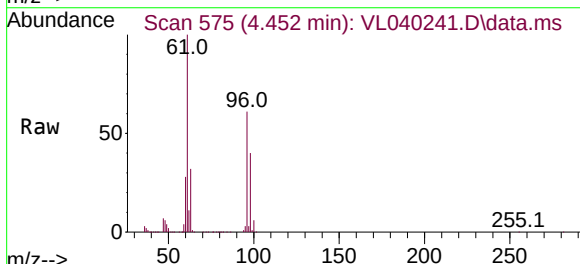
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

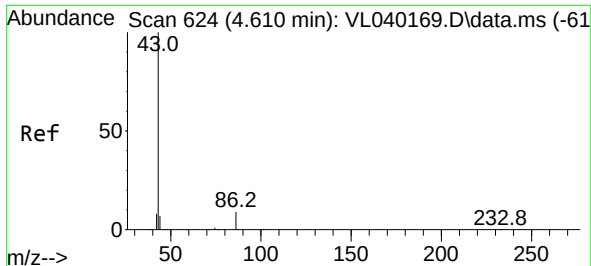
Tgt Ion: 41 Resp: 719589
 Ion Ratio Lower Upper
 41 100
 76 32.2 25.5 38.3
 39 84.3 64.5 96.7



#22
 trans-1,2-Dichloroethene
 Concen: 10.204 ppbv
 RT: 4.452 min Scan# 575
 Delta R.T. 0.016 min
 Lab File: VL040241.D
 Acq: 28 Feb 2023 8:59

Tgt Ion: 96 Resp: 521575
 Ion Ratio Lower Upper
 96 100
 61 165.2 137.5 206.3
 98 66.4 52.8 79.2



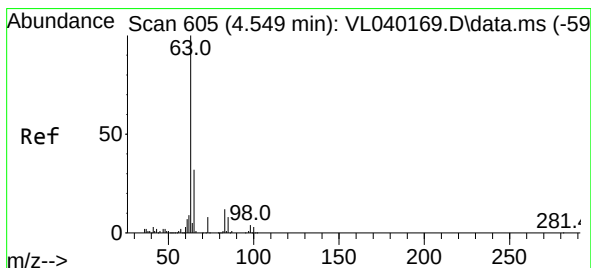
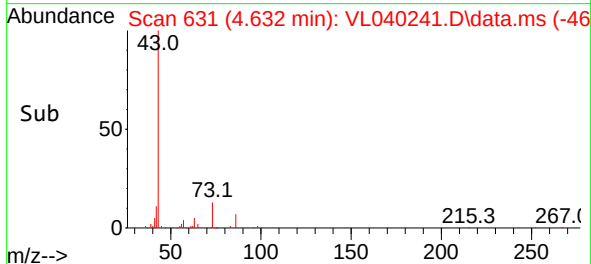
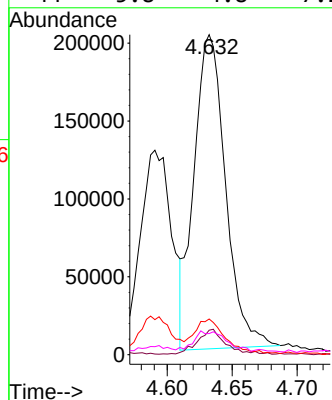
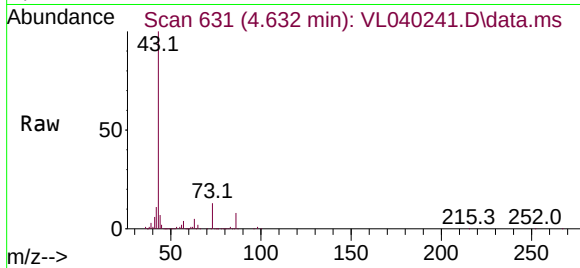


#23
 Vinyl Acetate
 Concen: 10.125 ppbv
 RT: 4.632 min Scan# 612
 Delta R.T. 0.019 min
 Lab File: VL040241.D
 Acq: 28 Feb 2023 8:59

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 340700

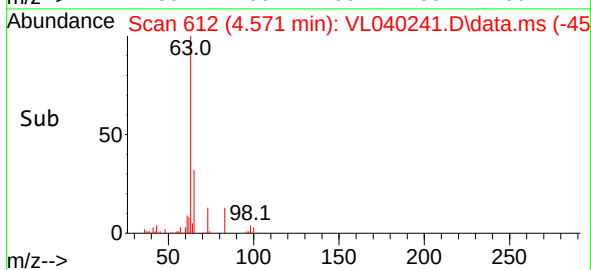
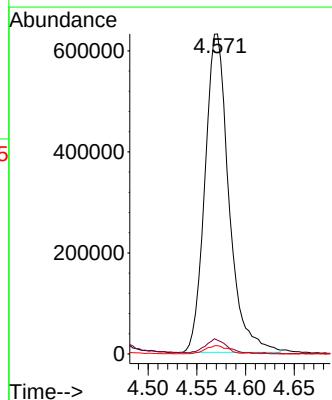
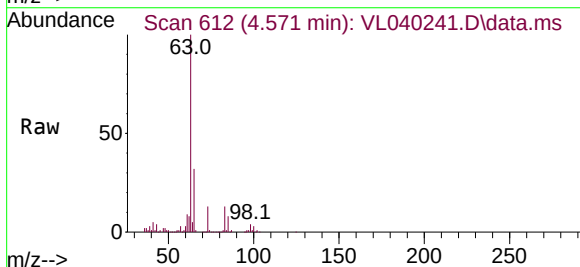
Ion	Ratio	Lower	Upper
43	100		
86	7.5	5.6	8.4
42	11.1	7.6	11.4
44	5.8	4.8	7.2

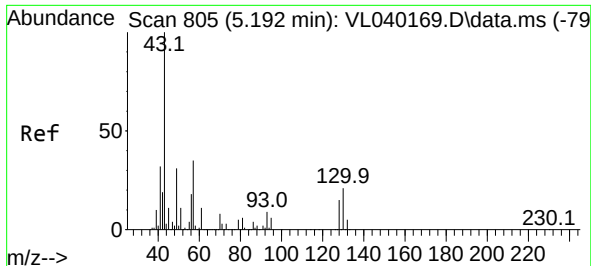


#24
 1,1-Dichloroethane
 Concen: 10.250 ppbv
 RT: 4.571 min Scan# 612
 Delta R.T. 0.019 min
 Lab File: VL040241.D
 Acq: 28 Feb 2023 8:59

Tgt Ion: 63 Resp: 1078062

Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.3	6.8
100	2.6	1.4	4.0



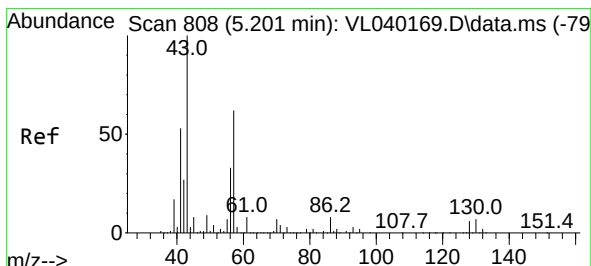
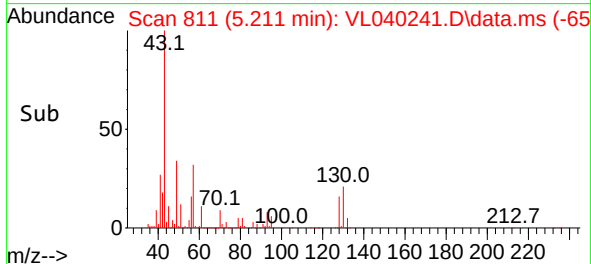
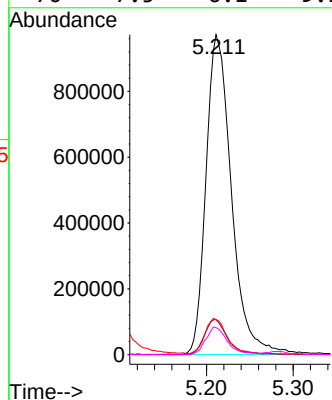
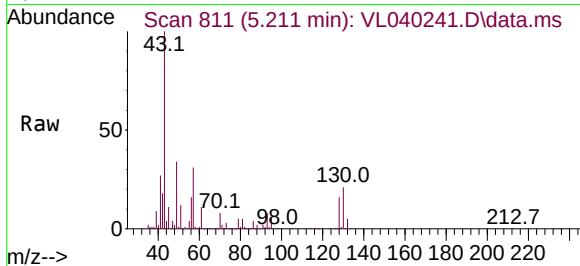


#25
Ethyl Acetate
Concen: 9.568 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.016 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1972138

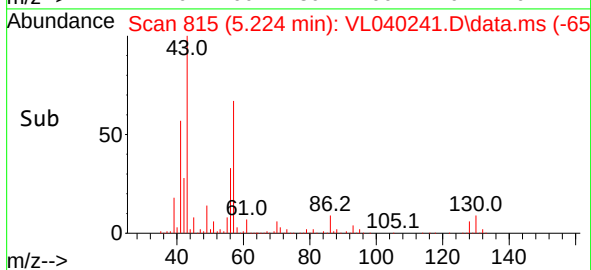
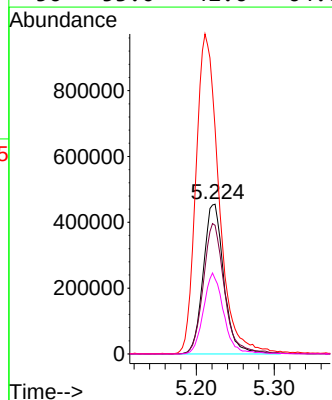
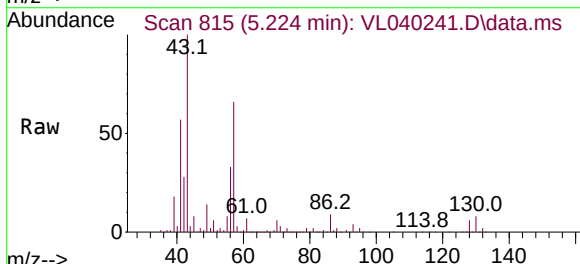
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.3	12.5
61	10.2	8.4	12.6
70	7.5	6.1	9.1

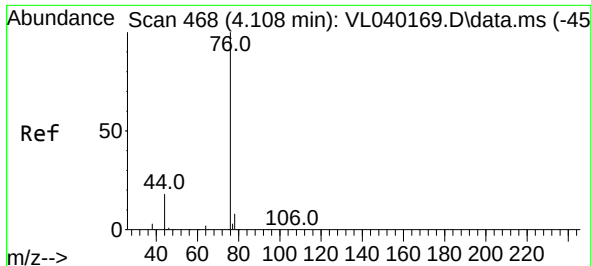


#26
Hexane
Concen: 9.469 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.019 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

Tgt Ion: 57 Resp: 837795

Ion	Ratio	Lower	Upper
57	100		
41	90.2	74.3	111.5
43	238.3	193.0	289.4
56	53.0	42.6	64.0

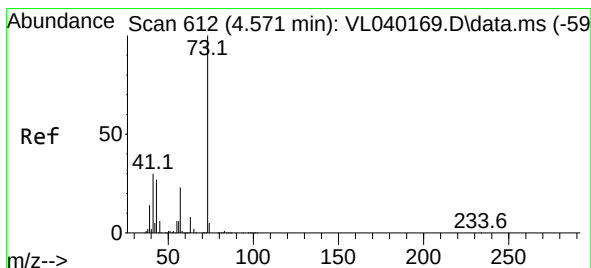
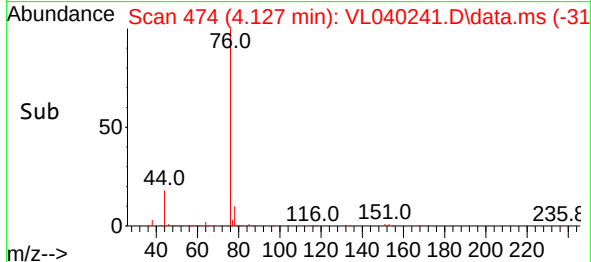
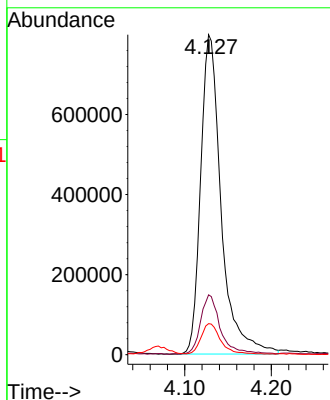
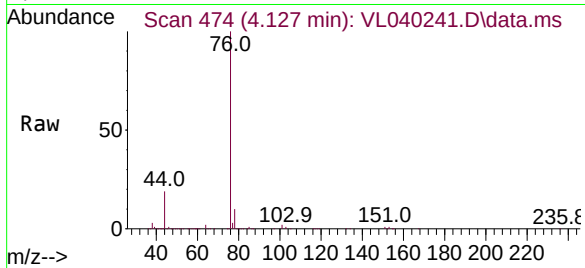




#27
Carbon Disulfide
Concen: 11.705 ppbv
RT: 4.127 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

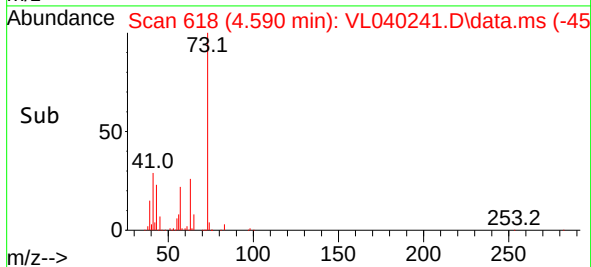
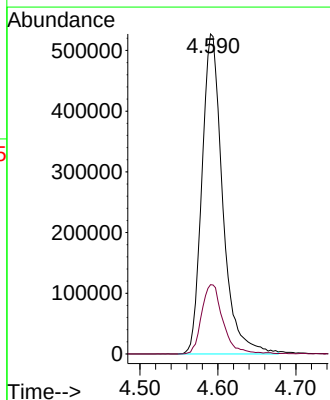
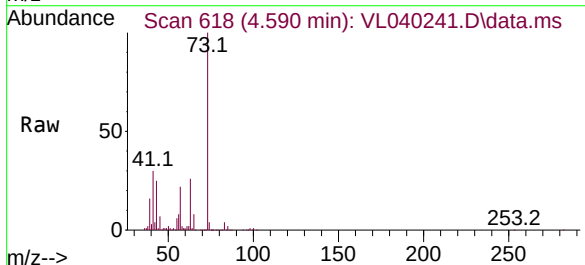
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

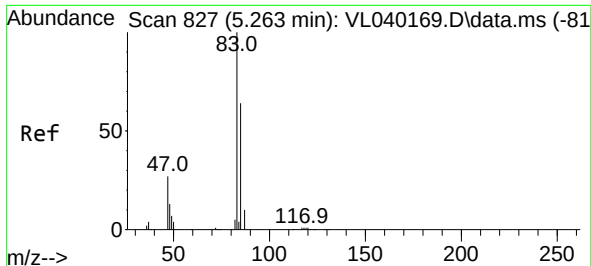
Tgt Ion: 76 Resp: 1314157
Ion Ratio Lower Upper
76 100
44 18.1 15.3 22.9
78 9.8 7.7 11.5



#28
Methyl tert-Butyl Ether
Concen: 10.268 ppbv
RT: 4.590 min Scan# 618
Delta R.T. 0.016 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

Tgt Ion: 73 Resp: 973452
Ion Ratio Lower Upper
73 100
57 22.5 18.8 28.2





#29

Chloroform

Concen: 9.820 ppbv

RT: 5.282 min Scan# 81

Delta R.T. 0.016 min

Lab File: VL040241.D

Acq: 28 Feb 2023 8:59

Instrument :

MSVOA_L

ClientSampleId :

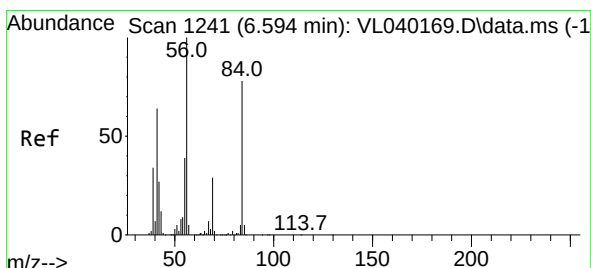
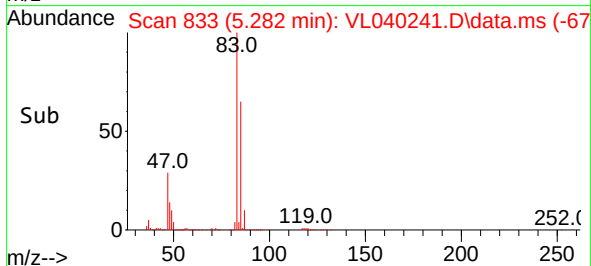
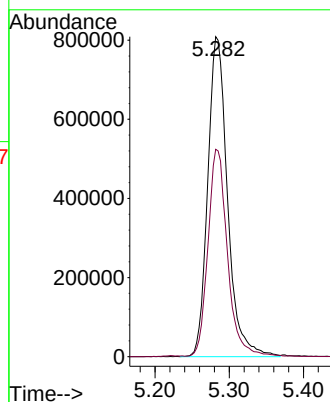
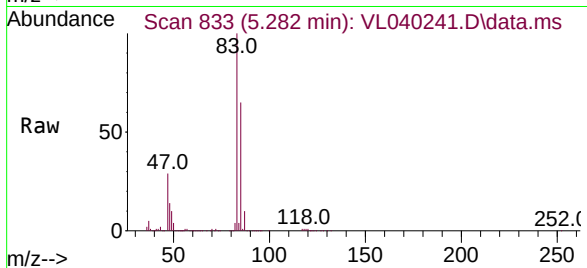
VSTDCCC010

Tgt Ion: 83 Resp: 1491880

Ion Ratio Lower Upper

83 100

85 64.6 51.5 77.3



#30

Cyclohexane

Concen: 10.373 ppbv

RT: 6.616 min Scan# 1248

Delta R.T. 0.023 min

Lab File: VL040241.D

Acq: 28 Feb 2023 8:59

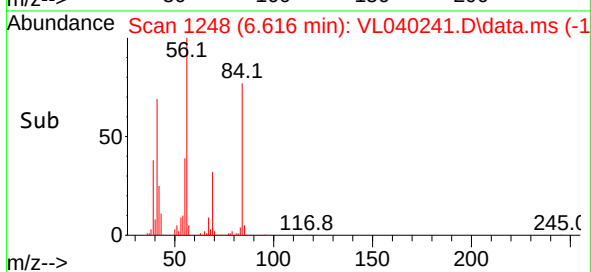
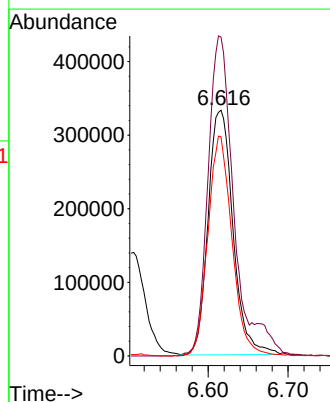
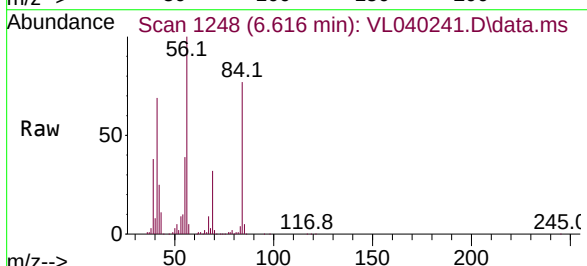
Tgt Ion: 84 Resp: 720685

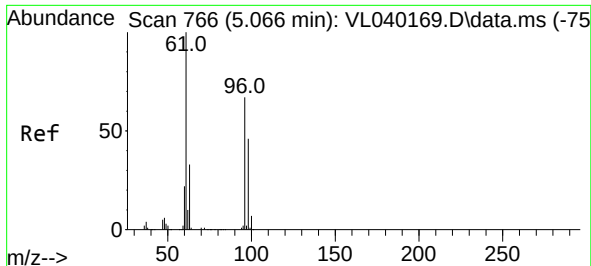
Ion Ratio Lower Upper

84 100

56 137.1 109.9 164.9

41 87.4 67.8 101.6

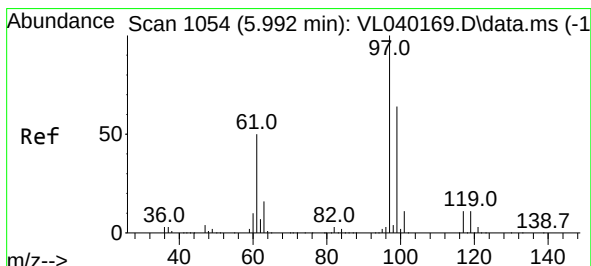
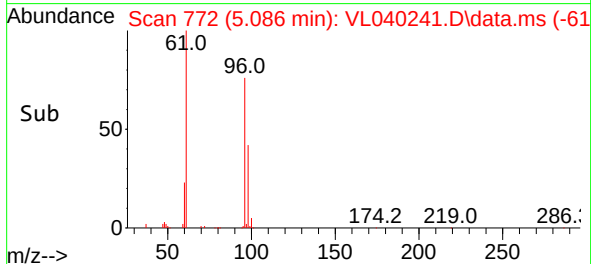
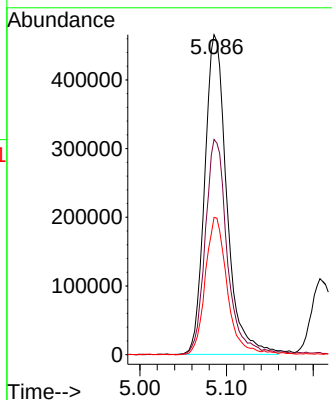
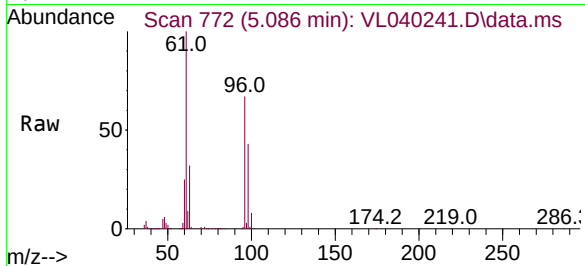




#31
 cis-1,2-Dichloroethene
 Concen: 9.814 ppbv
 RT: 5.086 min Scan# 71
 Delta R.T. 0.016 min
 Lab File: VL040241.D
 Acq: 28 Feb 2023 8:59

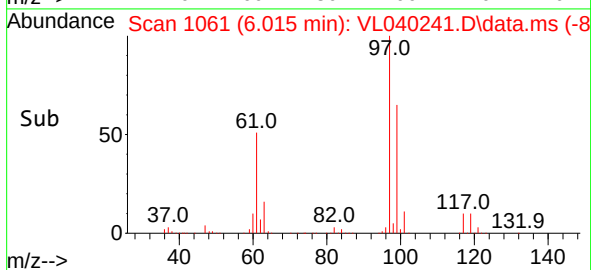
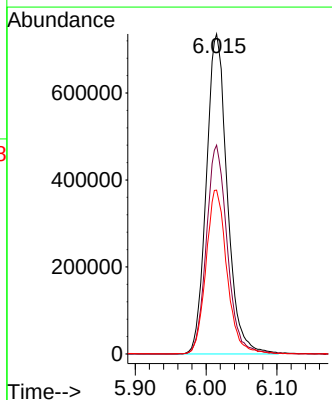
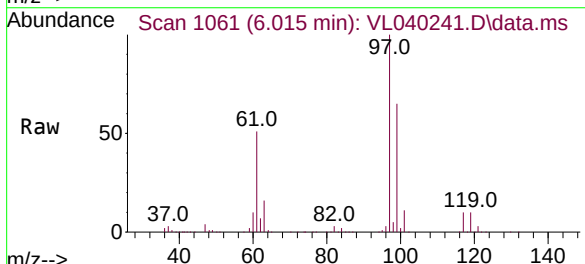
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

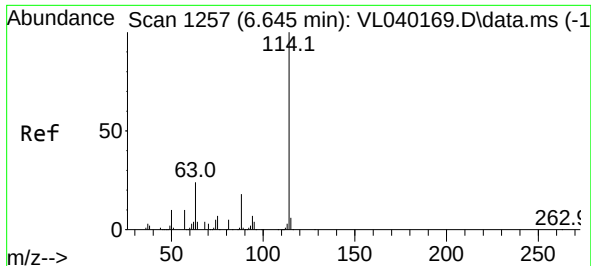
Tgt Ion: 61 Resp: 825067
 Ion Ratio Lower Upper
 61 100
 96 67.3 53.7 80.5
 98 42.9 36.4 54.6



#32
 1,1,1-Trichloroethane
 Concen: 10.559 ppbv
 RT: 6.015 min Scan# 1061
 Delta R.T. 0.019 min
 Lab File: VL040241.D
 Acq: 28 Feb 2023 8:59

Tgt Ion: 97 Resp: 1507275
 Ion Ratio Lower Upper
 97 100
 99 65.3 51.5 77.3
 61 51.8 40.6 60.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.664 min Scan# 11

Delta R.T. 0.016 min

Lab File: VL040241.D

Acq: 28 Feb 2023 8:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

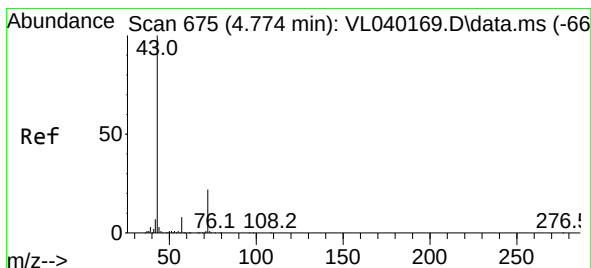
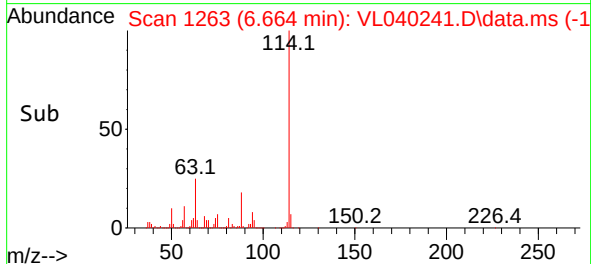
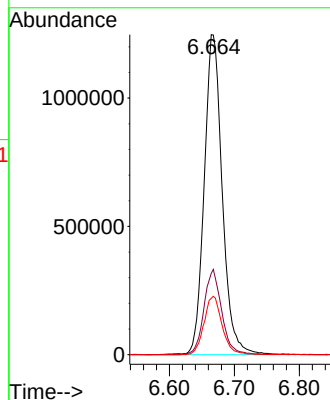
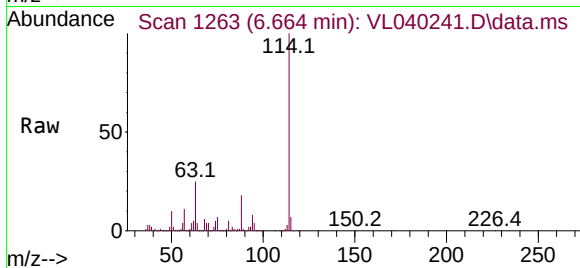
Tgt Ion:114 Resp: 2412111

Ion Ratio Lower Upper

114 100

63 26.7 20.4 30.6

88 18.4 14.3 21.5



#34

2-Butanone

Concen: 9.885 ppbv

RT: 4.793 min Scan# 681

Delta R.T. 0.019 min

Lab File: VL040241.D

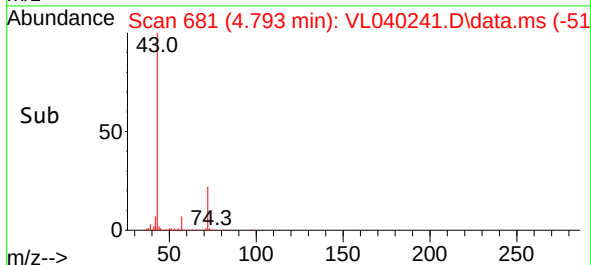
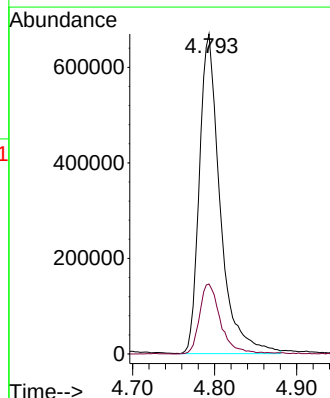
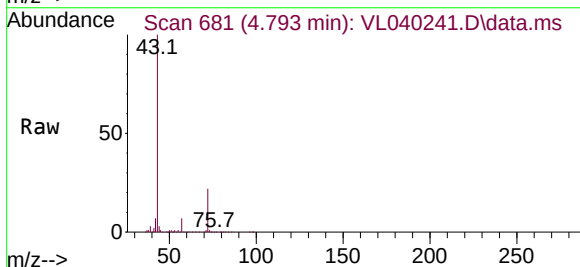
Acq: 28 Feb 2023 8:59

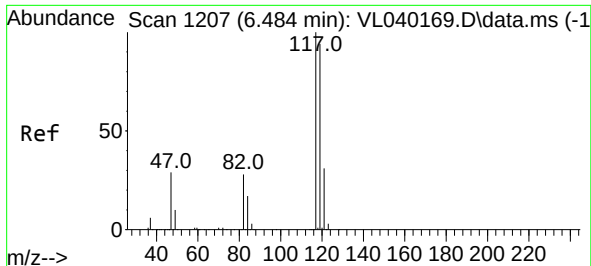
Tgt Ion: 43 Resp: 1176164

Ion Ratio Lower Upper

43 100

72 22.6 17.8 26.8

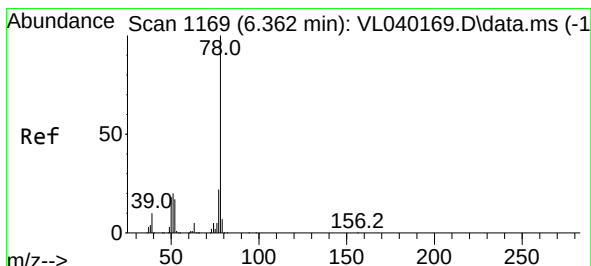
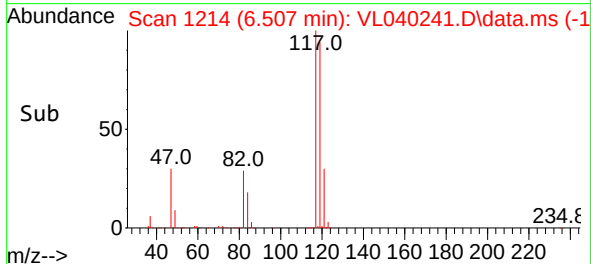
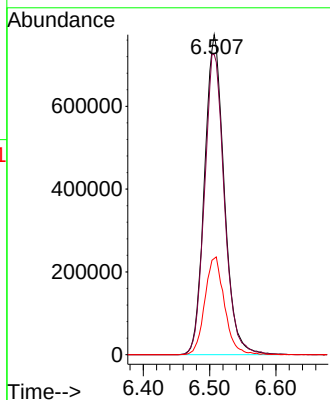
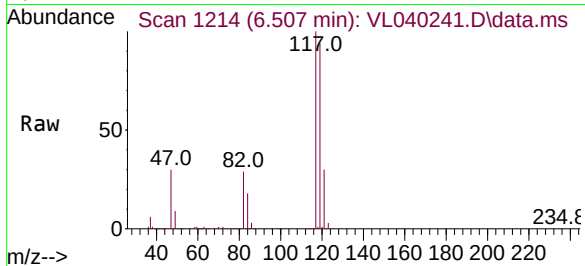




#35
Carbon Tetrachloride
Concen: 11.179 ppbv
RT: 6.507 min Scan# 1176
Delta R.T. 0.019 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

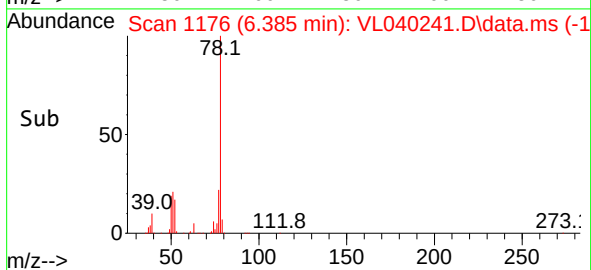
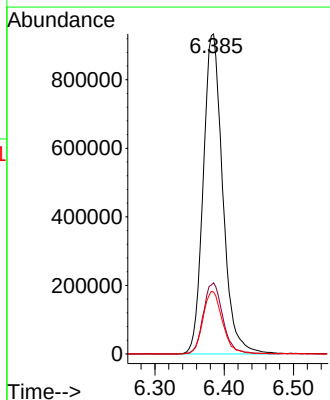
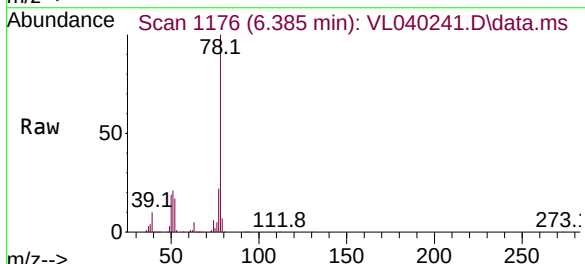
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

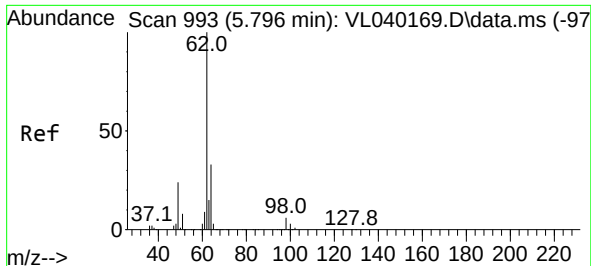
Tgt Ion:117 Resp: 1594053
Ion Ratio Lower Upper
117 100
119 93.8 75.0 112.6
121 30.1 25.0 37.4



#36
Benzene
Concen: 9.688 ppbv
RT: 6.385 min Scan# 1176
Delta R.T. 0.019 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

Tgt Ion: 78 Resp: 1818599
Ion Ratio Lower Upper
78 100
77 22.3 17.5 26.3
50 19.3 14.6 22.0





#37

1,2-Dichloroethane

Concen: 10.037 ppbv

RT: 5.819 min Scan# 1

Delta R.T. 0.019 min

Lab File: VL040241.D

Acq: 28 Feb 2023 8:59

Instrument :

MSVOA_L

ClientSampleId :

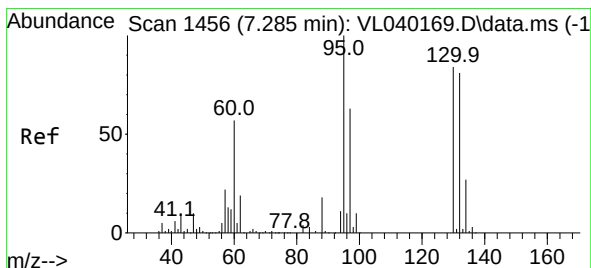
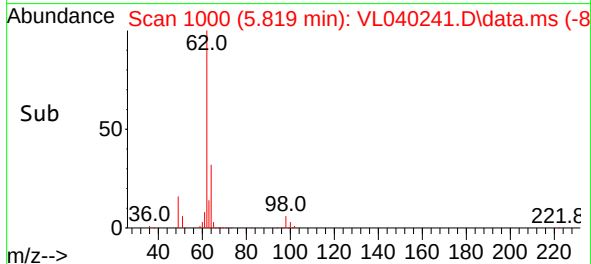
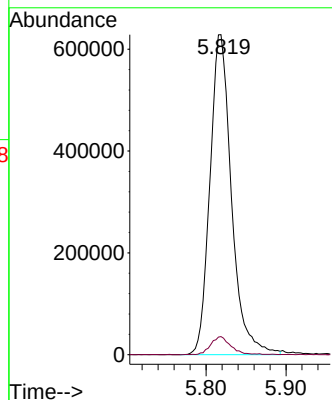
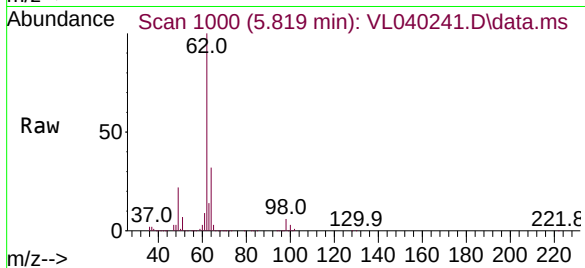
VSTDCCC010

Tgt Ion: 62 Resp: 1178363

Ion Ratio Lower Upper

62 100

98 5.4 4.7 7.1



#38

Trichloroethene

Concen: 10.618 ppbv

RT: 7.307 min Scan# 1463

Delta R.T. 0.019 min

Lab File: VL040241.D

Acq: 28 Feb 2023 8:59

Tgt Ion:130 Resp: 1098346

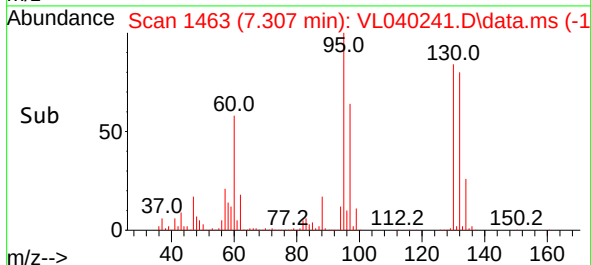
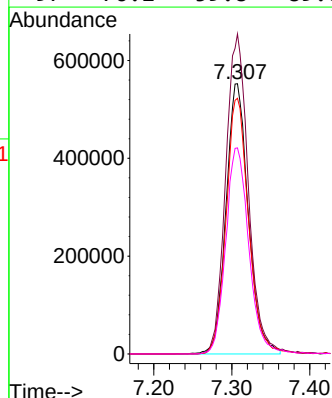
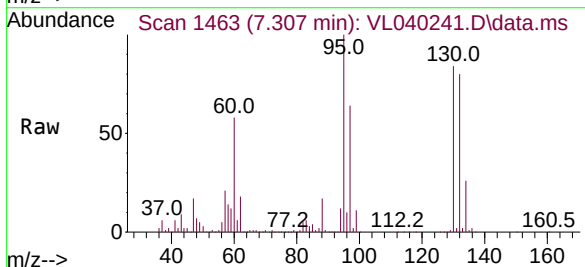
Ion Ratio Lower Upper

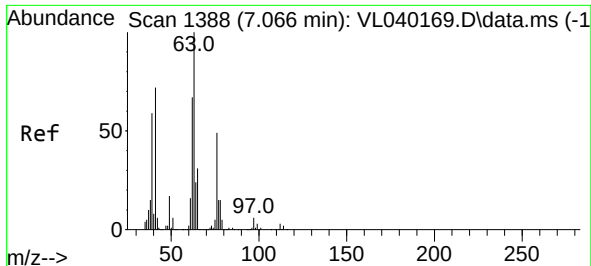
130 100

95 118.4 94.7 142.1

132 94.6 76.4 114.6

97 76.2 59.8 89.6





#39

1,2-Dichloropropane

Concen: 9.740 ppbv

RT: 7.086 min Scan# 11

Delta R.T. 0.016 min

Lab File: VL040241.D

Acq: 28 Feb 2023 8:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

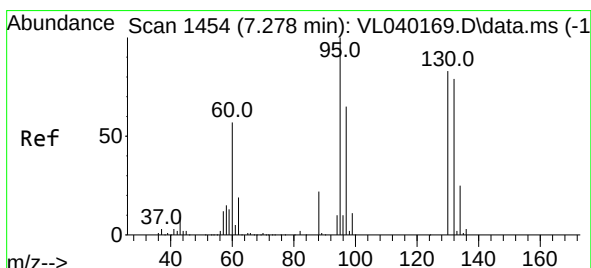
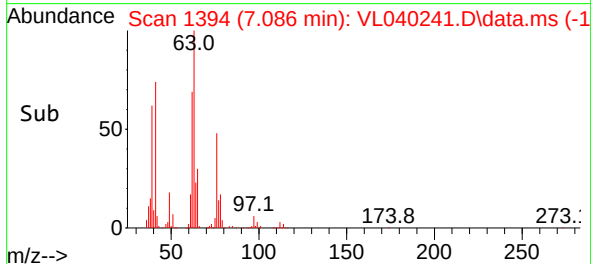
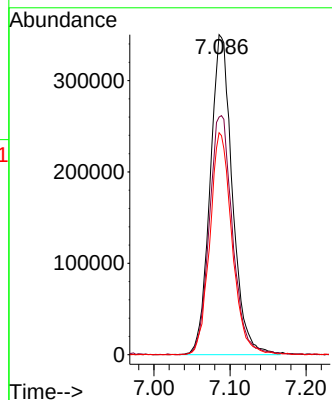
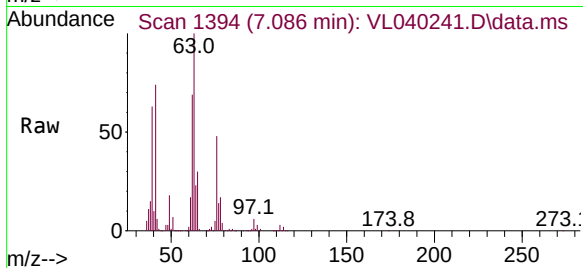
Tgt Ion: 63 Resp: 711266

Ion Ratio Lower Upper

63 100

41 74.1 57.6 86.4

62 69.4 54.0 81.0



#40

1,4-Dioxane

Concen: 9.518 ppbv

RT: 7.301 min Scan# 1461

Delta R.T. 0.019 min

Lab File: VL040241.D

Acq: 28 Feb 2023 8:59

Tgt Ion: 88 Resp: 278026

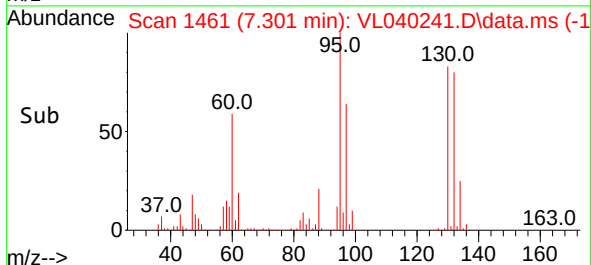
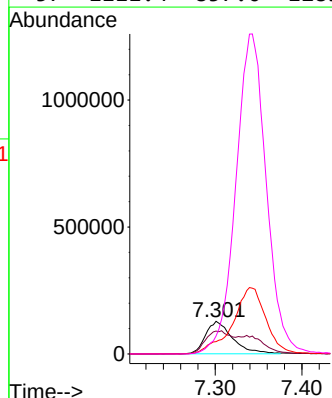
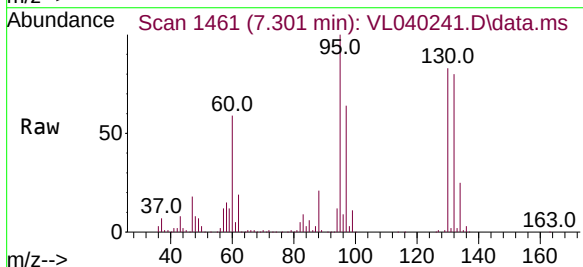
Ion Ratio Lower Upper

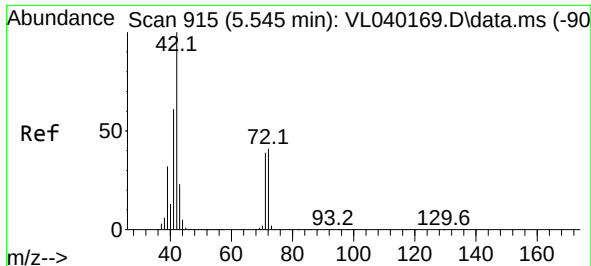
88 100

58 124.3 97.4 146.0

43 251.2 193.5 290.3

57 1111.4 857.0 1285.6

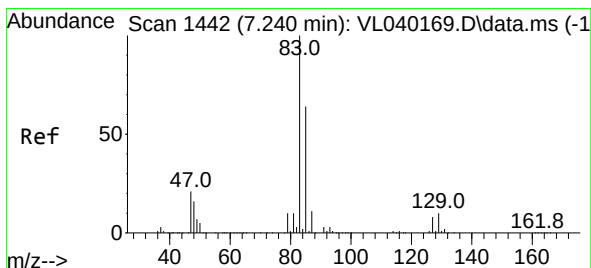
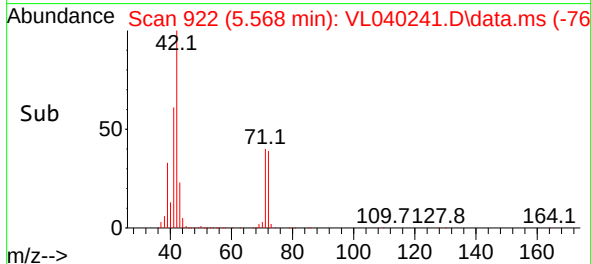
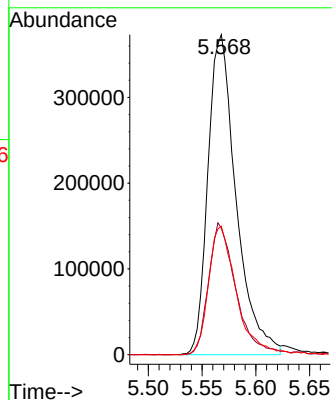
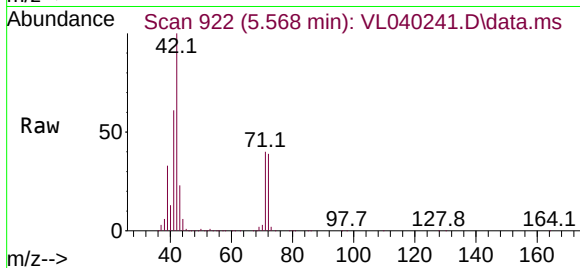




#41
Tetrahydrofuran
Concen: 9.884 ppbv
RT: 5.568 min Scan# 915
Delta R.T. 0.019 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

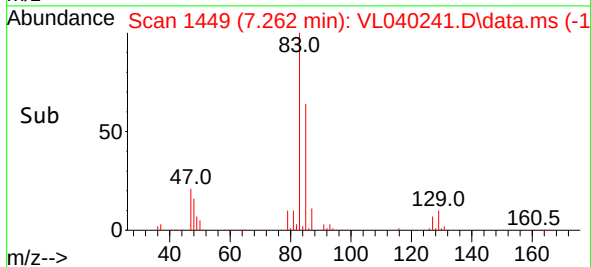
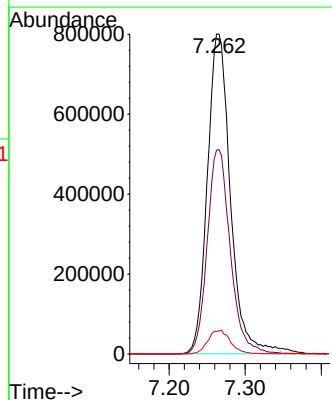
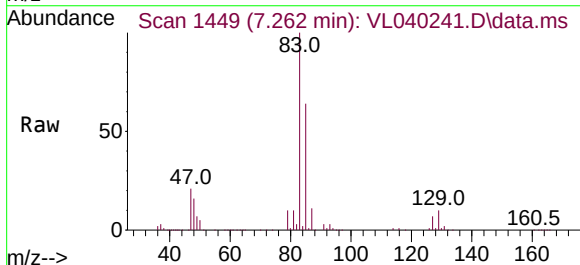
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

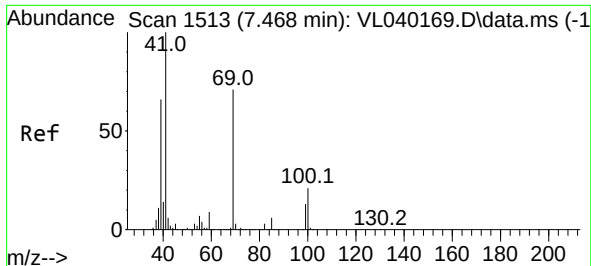
Tgt Ion: 42 Resp: 681543
Ion Ratio Lower Upper
42 100
72 40.5 33.0 49.4
71 40.1 31.4 47.2



#42
Bromodichloromethane
Concen: 10.384 ppbv
RT: 7.262 min Scan# 1449
Delta R.T. 0.016 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

Tgt Ion: 83 Resp: 1682675
Ion Ratio Lower Upper
83 100
85 63.7 50.9 76.3
127 6.9 6.2 9.2

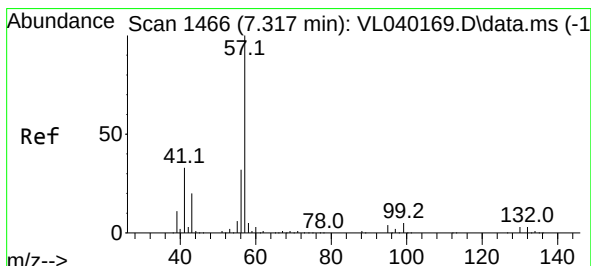
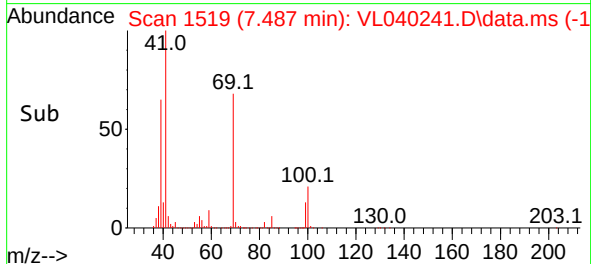
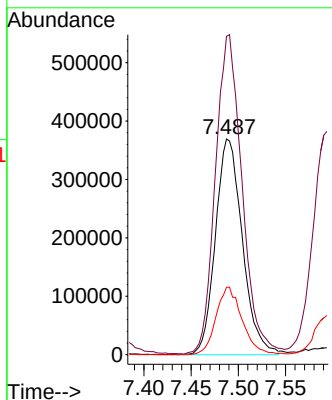
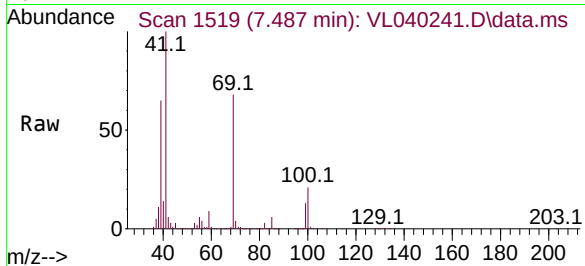




#43
Methyl Methacrylate
Concen: 10.544 ppbv
RT: 7.487 min Scan# 11
Delta R.T. 0.016 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

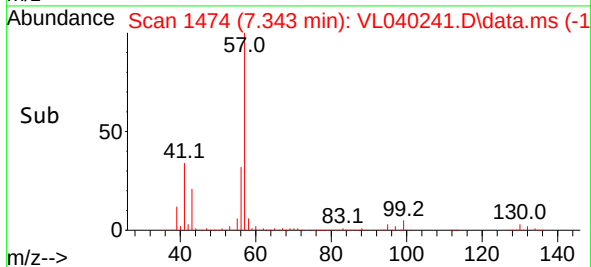
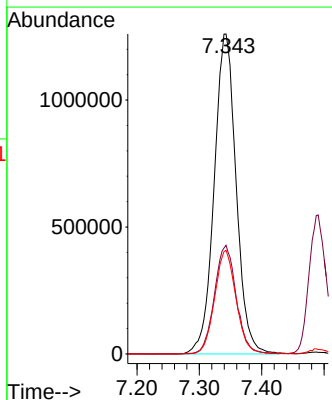
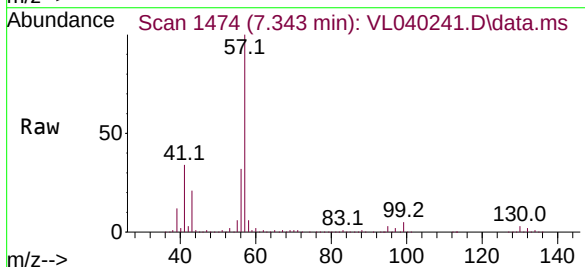
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

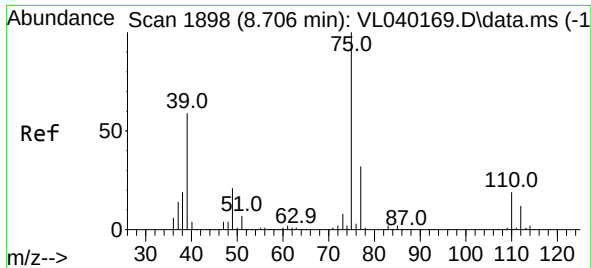
Tgt Ion: 69 Resp: 732344
Ion Ratio Lower Upper
69 100
41 146.9 116.6 174.8
100 30.4 25.6 38.4



#44
2,2,4-Trimethylpentane
Concen: 9.848 ppbv
RT: 7.343 min Scan# 1474
Delta R.T. 0.023 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

Tgt Ion: 57 Resp: 3085832
Ion Ratio Lower Upper
57 100
41 33.6 26.2 39.4
56 31.5 24.9 37.3

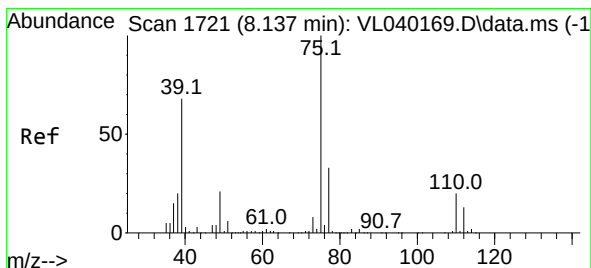
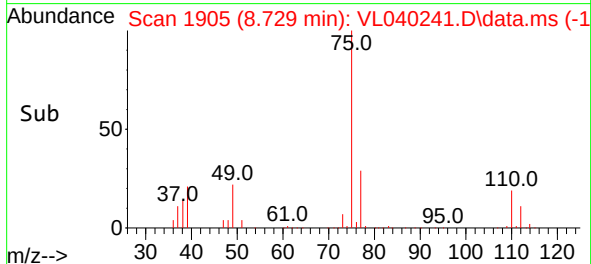
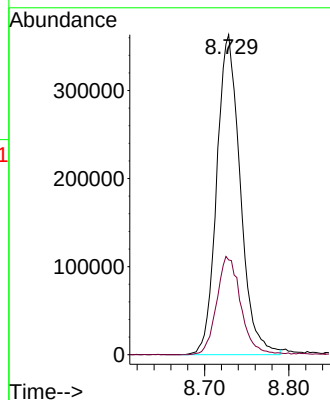
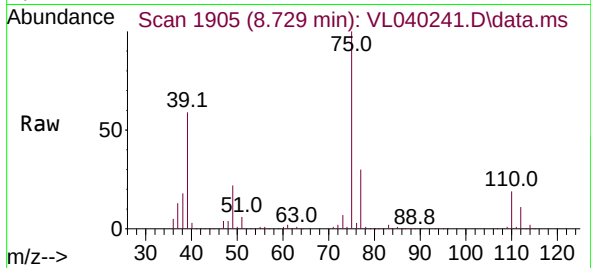




#45
 t-1,3-Dichloropropene
 Concen: 11.410 ppbv
 RT: 8.729 min Scan# 1905
 Delta R.T. 0.023 min
 Lab File: VL040241.D
 Acq: 28 Feb 2023 8:59

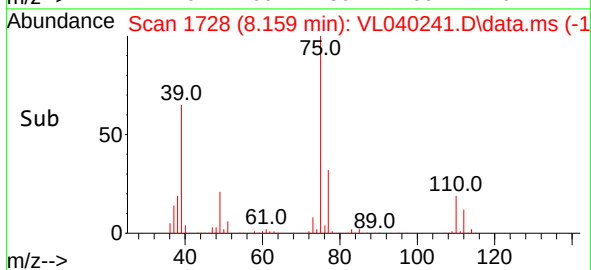
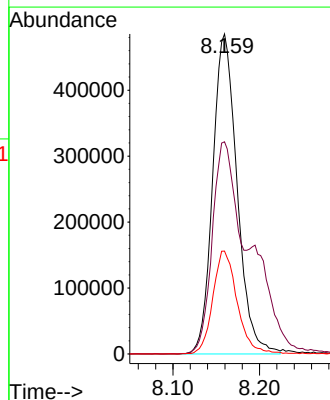
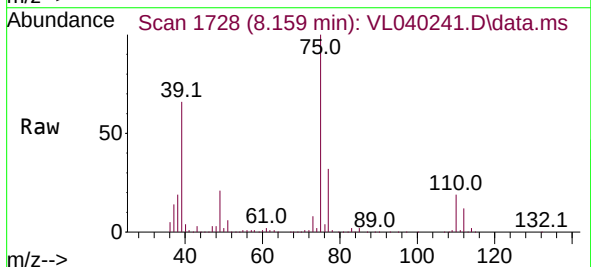
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

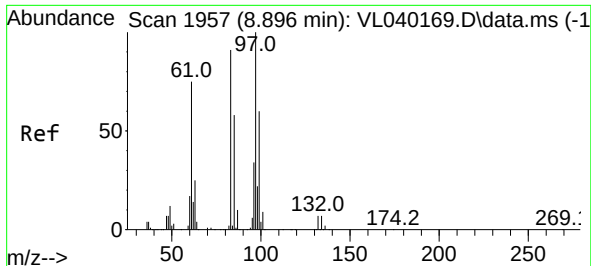
Tgt Ion: 75 Resp: 702987
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.7 38.5



#46
 cis-1,3-Dichloropropene
 Concen: 11.078 ppbv
 RT: 8.159 min Scan# 1728
 Delta R.T. 0.019 min
 Lab File: VL040241.D
 Acq: 28 Feb 2023 8:59

Tgt Ion: 75 Resp: 950865
 Ion Ratio Lower Upper
 75 100
 39 66.2 54.2 81.2
 77 32.2 26.0 39.0





#47

1,1,2-Trichloroethane

Concen: 9.666 ppbv

RT: 8.918 min Scan# 1957

Delta R.T. 0.023 min

Lab File: VL040241.D

Acq: 28 Feb 2023 8:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 763429

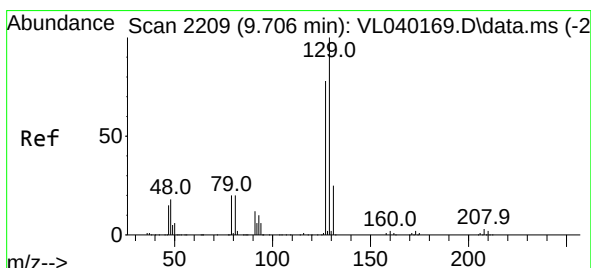
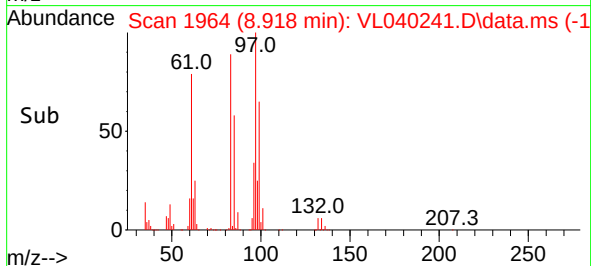
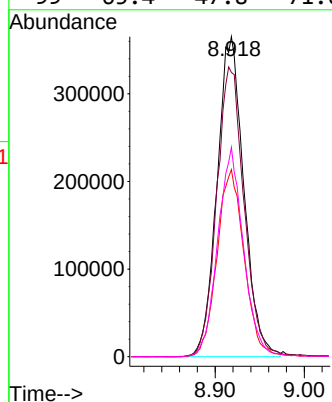
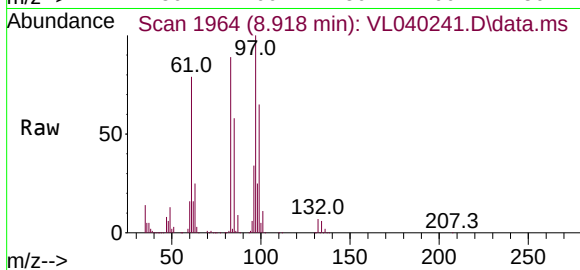
Ion Ratio Lower Upper

97 100

83 88.8 72.8 109.2

85 58.5 46.6 69.8

99 65.4 47.8 71.6



#48

Dibromochloromethane

Concen: 10.633 ppbv

RT: 9.729 min Scan# 2216

Delta R.T. 0.023 min

Lab File: VL040241.D

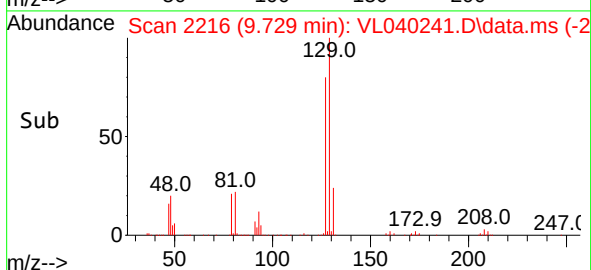
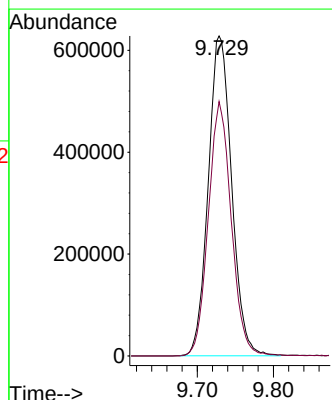
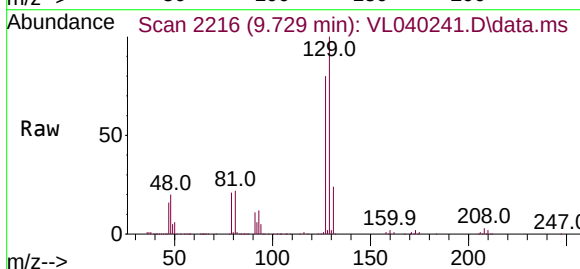
Acq: 28 Feb 2023 8:59

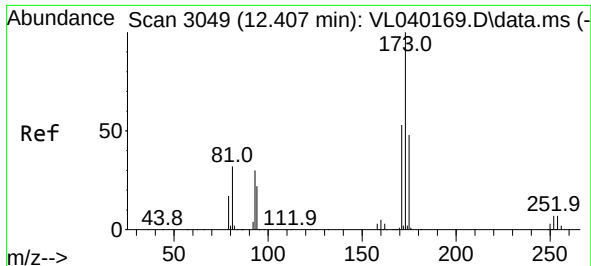
Tgt Ion: 129 Resp: 1343206

Ion Ratio Lower Upper

129 100

127 78.1 39.1 117.2





#49

Bromoform

Concen: 10.690 ppbv

RT: 12.429 min Scan# 3049

Delta R.T. 0.023 min

Lab File: VL040241.D

Acq: 28 Feb 2023 8:59

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

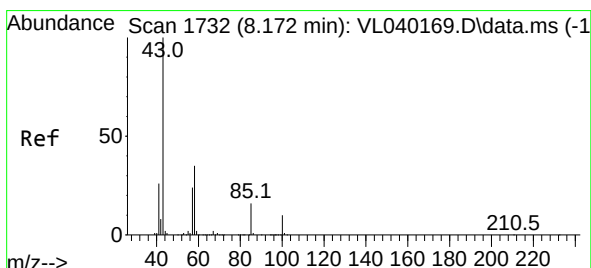
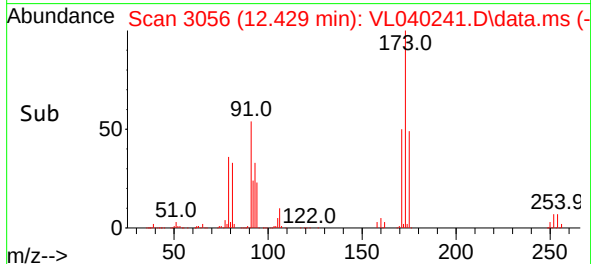
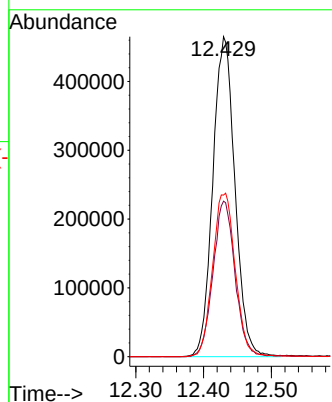
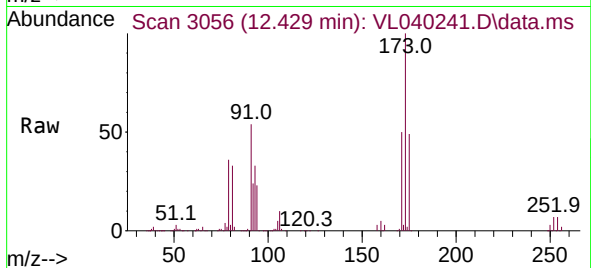
Tgt Ion:173 Resp: 1054086

Ion Ratio Lower Upper

173 100

175 48.4 39.4 59.0

171 52.2 41.8 62.6



#50

4-Methyl-2-Pentanone

Concen: 10.490 ppbv

RT: 8.195 min Scan# 1739

Delta R.T. 0.019 min

Lab File: VL040241.D

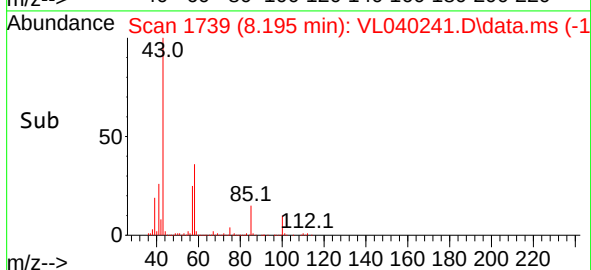
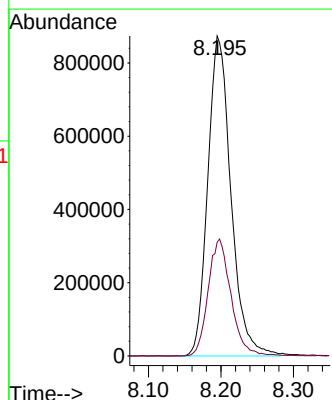
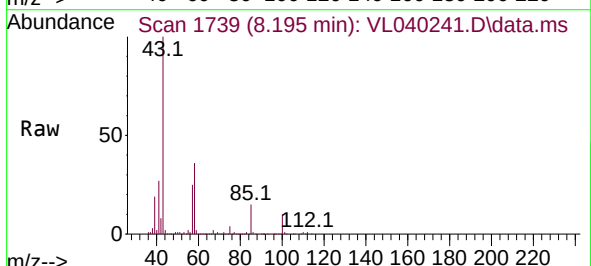
Acq: 28 Feb 2023 8:59

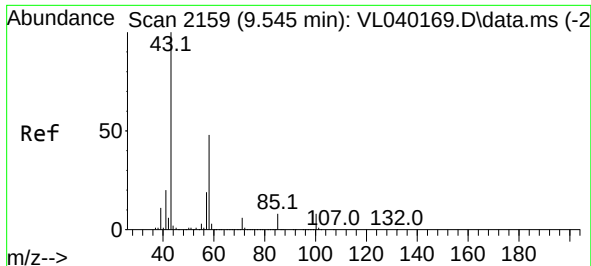
Tgt Ion: 43 Resp: 1938122

Ion Ratio Lower Upper

43 100

58 36.2 29.2 43.8

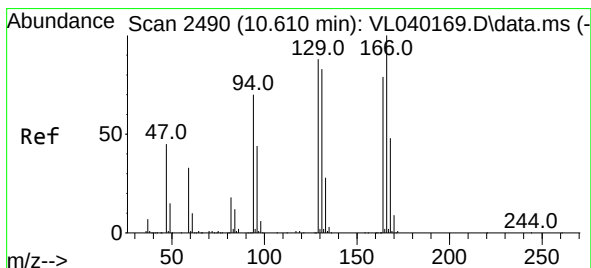
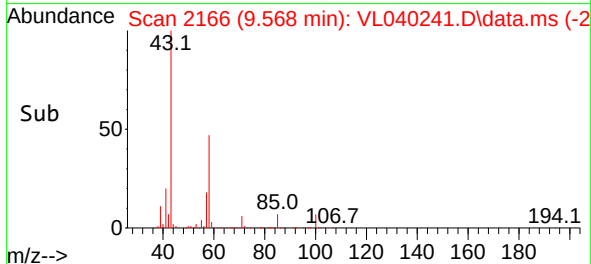
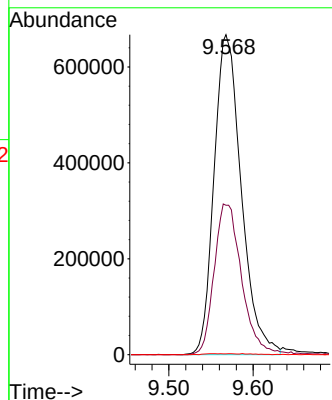
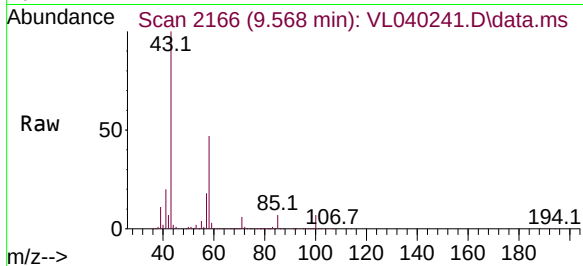




#51
2-Hexanone
Concen: 10.526 ppbv
RT: 9.568 min Scan# 2159
Delta R.T. 0.019 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

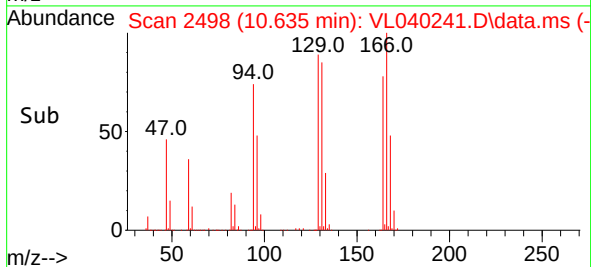
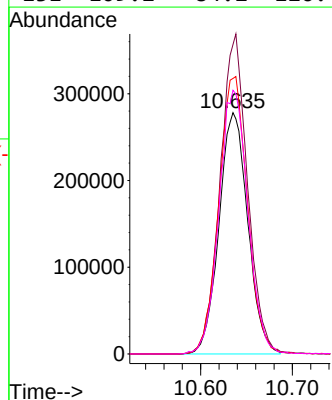
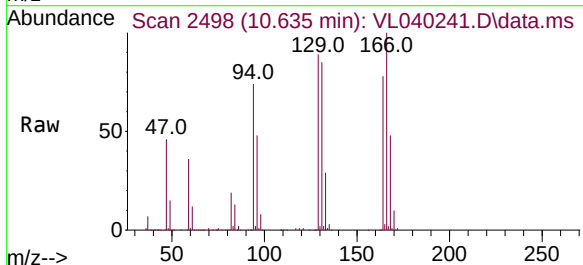
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

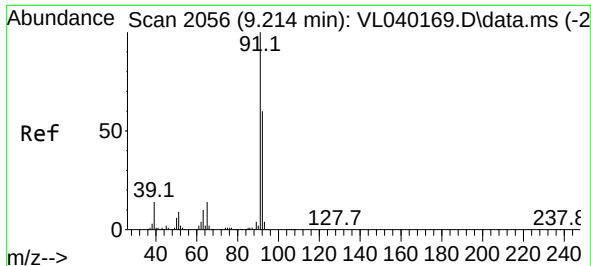
Tgt Ion: 43 Resp: 1495650
Ion Ratio Lower Upper
43 100
58 47.9 39.1 58.7
98 0.6 0.2 0.4#



#52
Tetrachloroethene
Concen: 10.336 ppbv
RT: 10.635 min Scan# 2498
Delta R.T. 0.016 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

Tgt Ion: 164 Resp: 605872
Ion Ratio Lower Upper
164 100
166 128.2 101.5 152.3
129 114.2 89.0 133.4
131 109.2 84.2 126.4

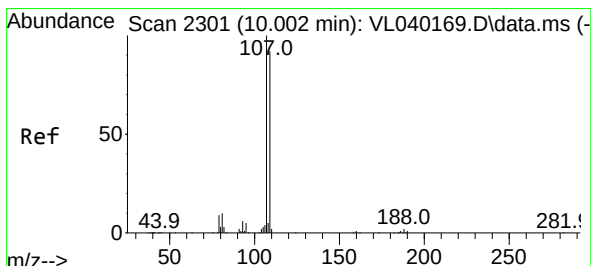
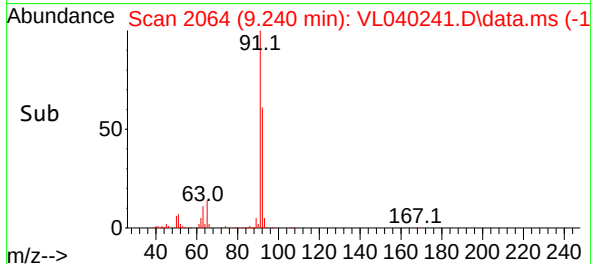
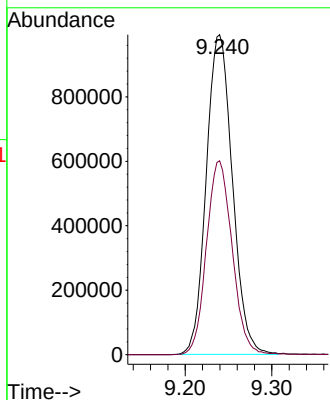
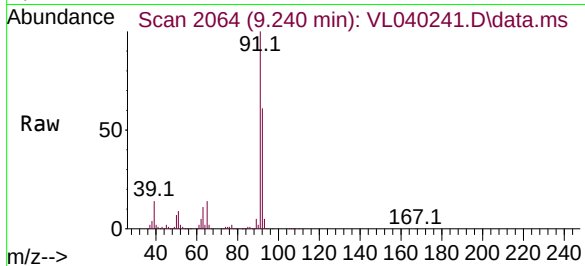




#53
Toluene
Concen: 10.364 ppbv
RT: 9.240 min Scan# 2056
Delta R.T. 0.023 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

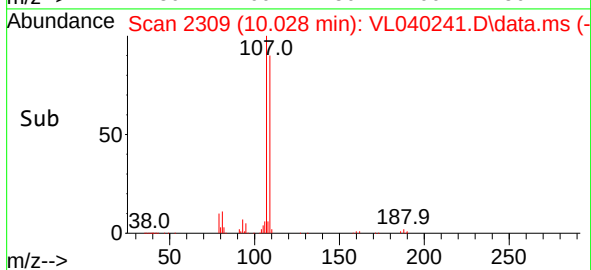
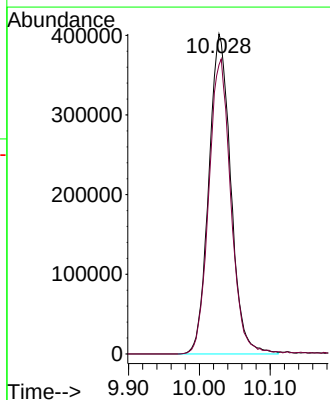
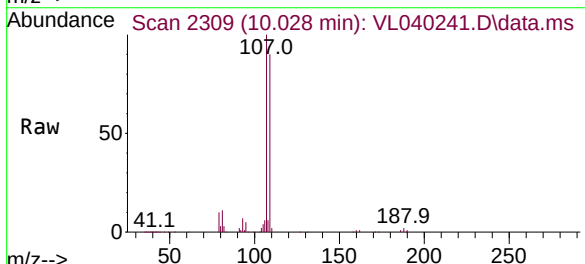
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

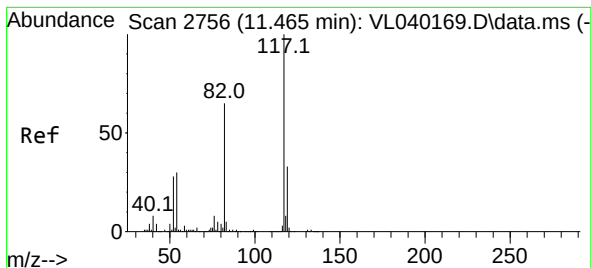
Tgt Ion: 91 Resp: 2083702
Ion Ratio Lower Upper
91 100
92 59.7 48.9 73.3



#54
1,2-Dibromoethane
Concen: 10.532 ppbv
RT: 10.028 min Scan# 2309
Delta R.T. 0.019 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

Tgt Ion: 107 Resp: 865514
Ion Ratio Lower Upper
107 100
109 90.3 73.8 110.8

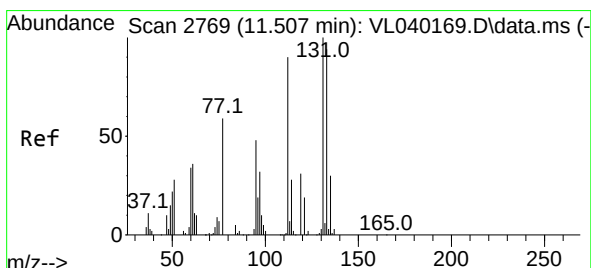
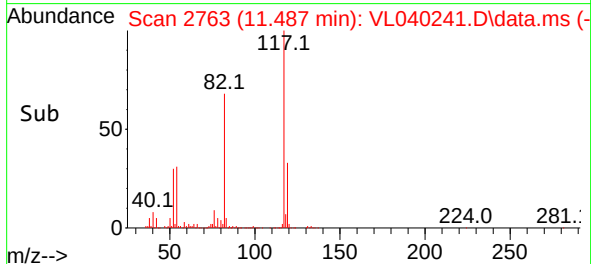
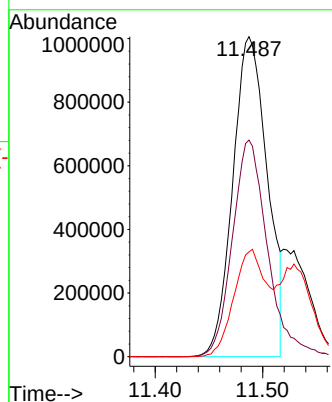
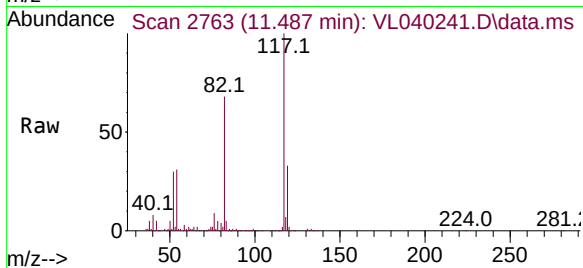




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.487 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

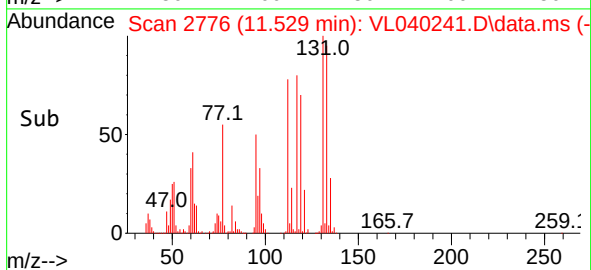
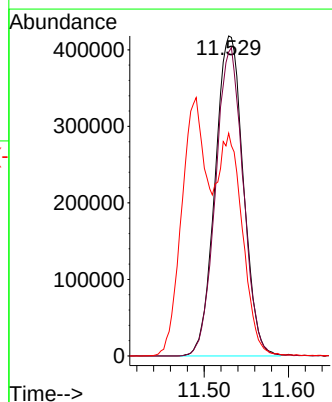
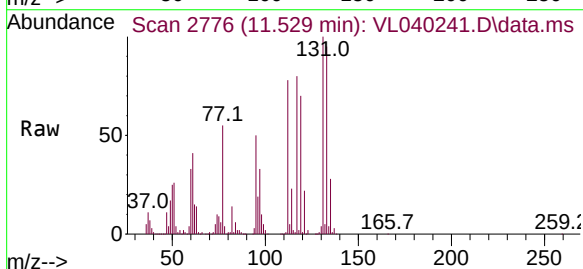
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

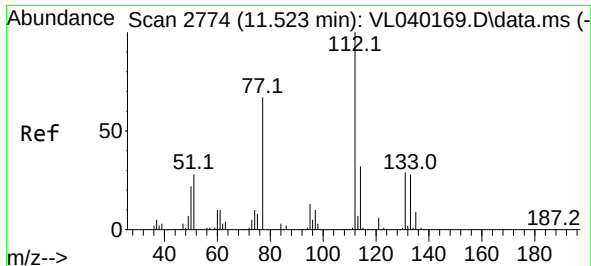
Tgt Ion:117 Resp: 2240681
Ion Ratio Lower Upper
117 100
82 69.6 53.3 79.9
119 30.2 24.6 37.0



#56
1,1,1,2-Tetrachloroethane
Concen: 10.333 ppbv
RT: 11.529 min Scan# 2776
Delta R.T. 0.023 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

Tgt Ion:131 Resp: 971923
Ion Ratio Lower Upper
131 100
133 94.7 76.2 114.2
119 67.0 45.4 68.0





#57

Chlorobenzene

Concen: 9.821 ppbv

RT: 11.548 min Scan# 21

Delta R.T. 0.023 min

Lab File: VL040241.D

Acq: 28 Feb 2023 8:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

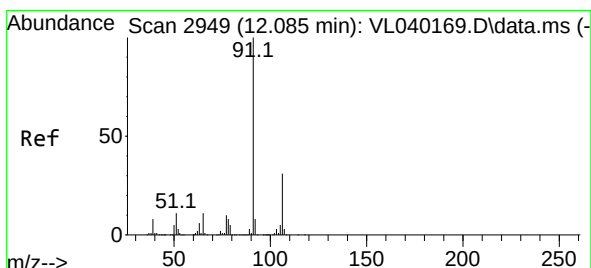
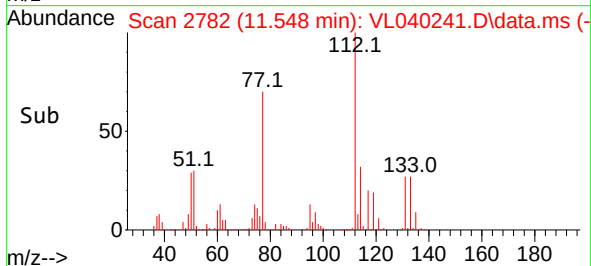
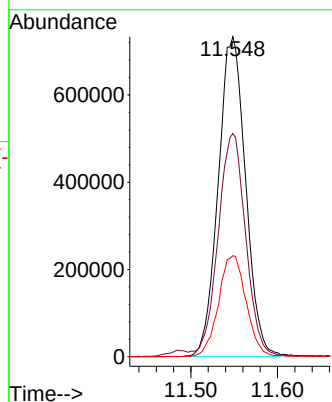
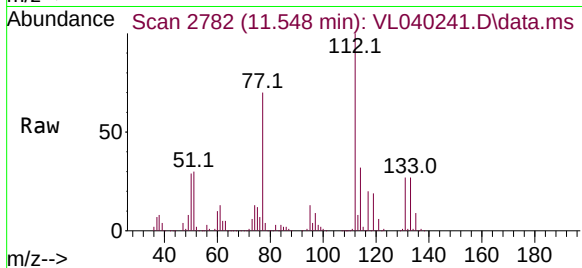
Tgt Ion:112 Resp: 1607696

Ion Ratio Lower Upper

112 100

77 69.2 55.0 82.4

114 31.5 29.0 35.4



#58

Ethyl Benzene

Concen: 10.499 ppbv

RT: 12.111 min Scan# 2957

Delta R.T. 0.023 min

Lab File: VL040241.D

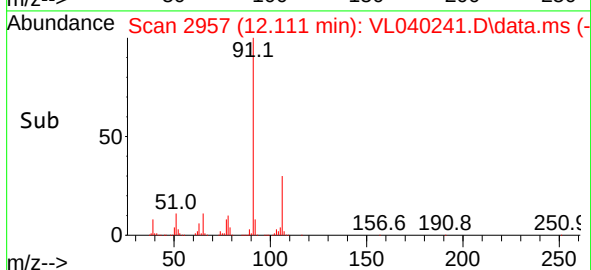
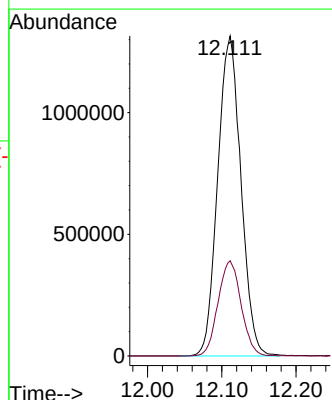
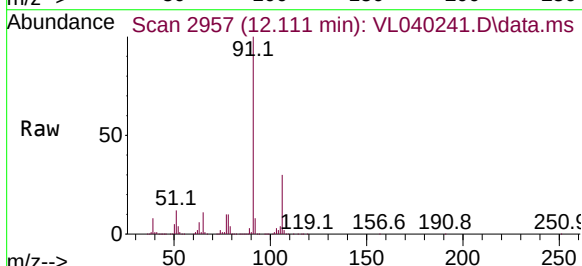
Acq: 28 Feb 2023 8:59

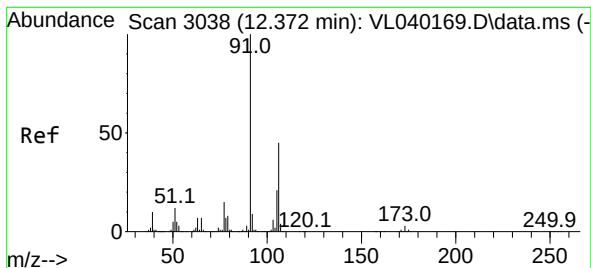
Tgt Ion: 91 Resp: 2858294

Ion Ratio Lower Upper

91 100

106 29.7 24.9 37.3

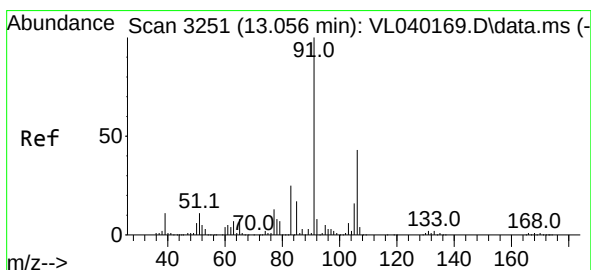
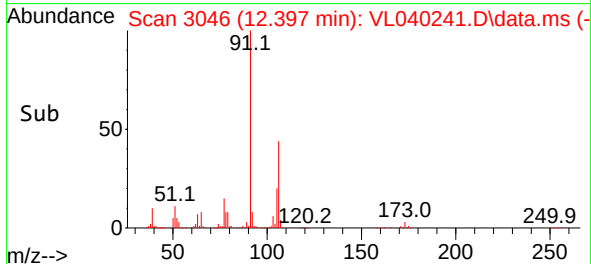
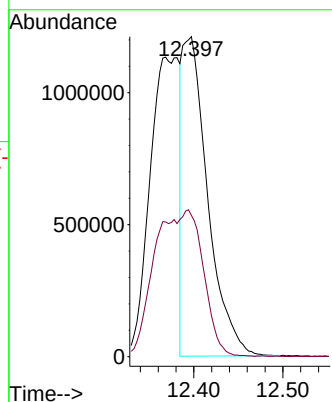
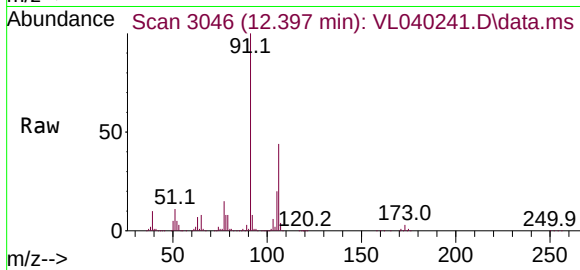




#59
m/p-Xylene
Concen: 9.903 ppbv
RT: 12.397 min Scan# 3038
Delta R.T. 0.023 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

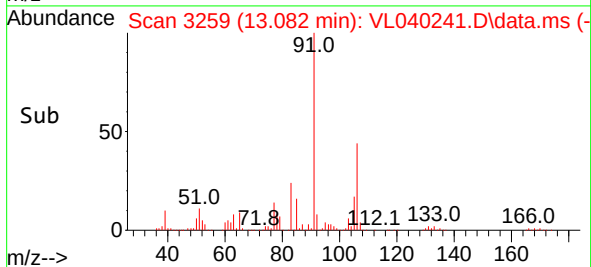
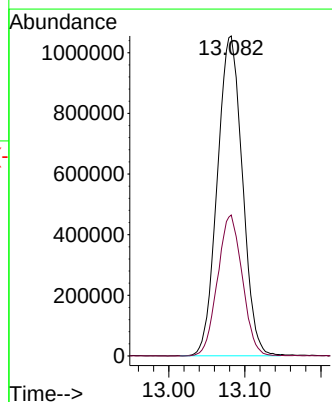
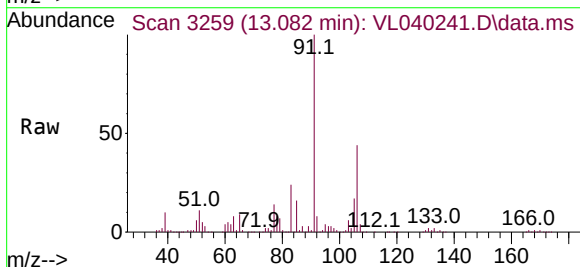
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

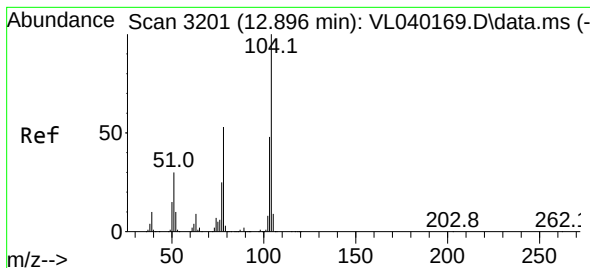
Tgt Ion: 91 Resp: 2388019
Ion Ratio Lower Upper
91 100
106 88.9 34.6 51.8#



#60
o-Xylene
Concen: 10.418 ppbv
RT: 13.082 min Scan# 3259
Delta R.T. 0.023 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

Tgt Ion: 91 Resp: 2417079
Ion Ratio Lower Upper
91 100
106 43.5 21.6 65.0





#61

Styrene

Concen: 6.303 ppbv

RT: 12.918 min Scan# 31

Delta R.T. 0.023 min

Lab File: VL040241.D

Acq: 28 Feb 2023 8:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

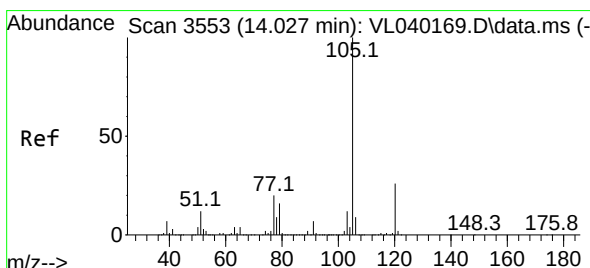
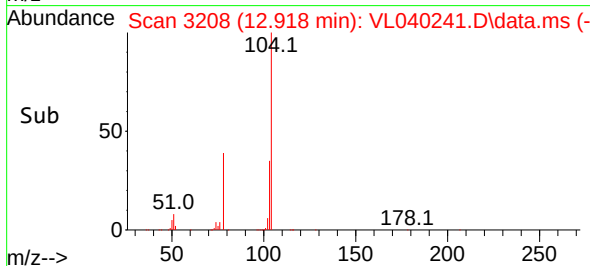
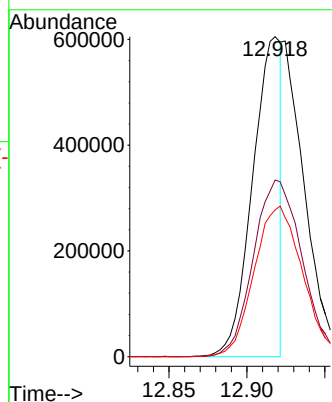
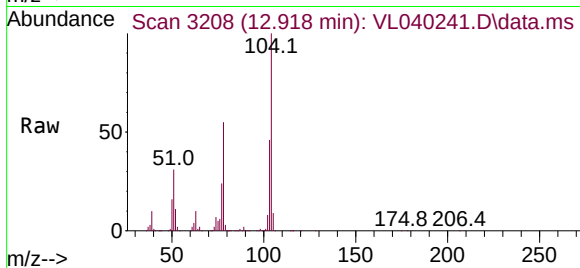
Tgt Ion:104 Resp: 767743

Ion Ratio Lower Upper

104 100

78 95.4 42.3 63.5#

103 0.0 37.5 56.3#



#62

Isopropylbenzene

Concen: 10.141 ppbv

RT: 14.053 min Scan# 3561

Delta R.T. 0.026 min

Lab File: VL040241.D

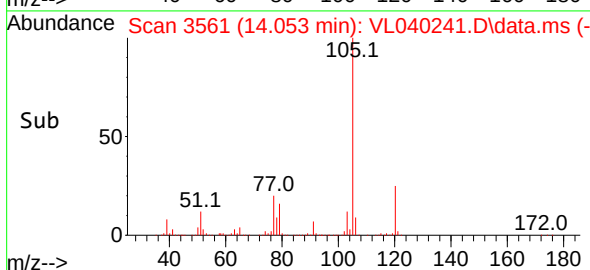
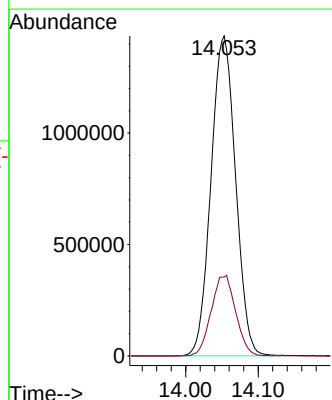
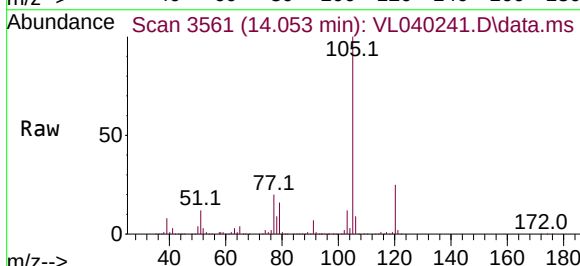
Acq: 28 Feb 2023 8:59

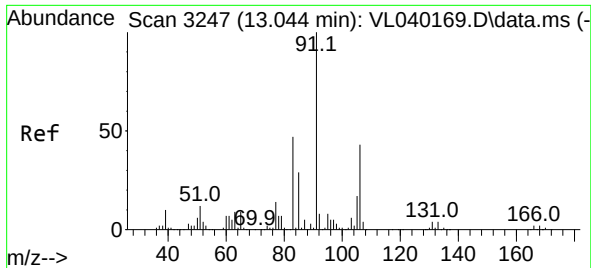
Tgt Ion:105 Resp: 3377125

Ion Ratio Lower Upper

105 100

120 25.1 20.3 30.5

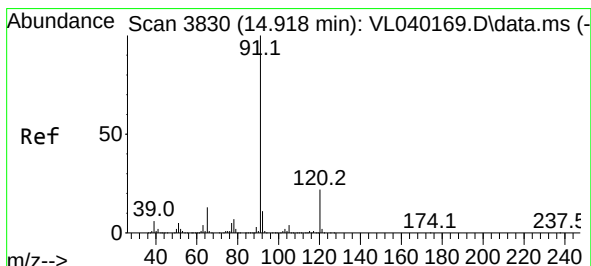
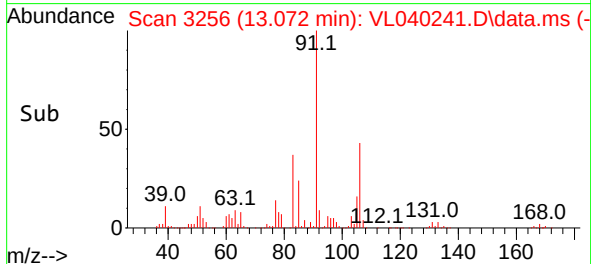
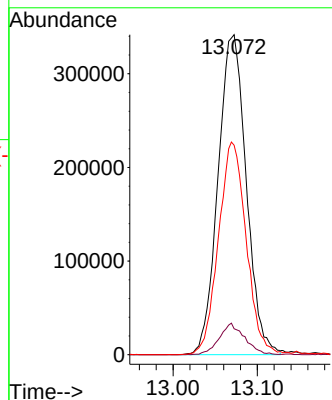
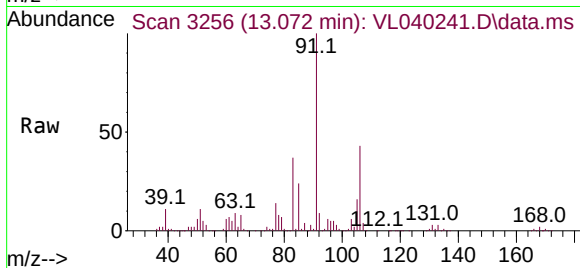




#63
1,1,2,2-Tetrachloroethane
Concen: 9.517 ppbv
RT: 13.072 min Scan# 31
Delta R.T. 0.026 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

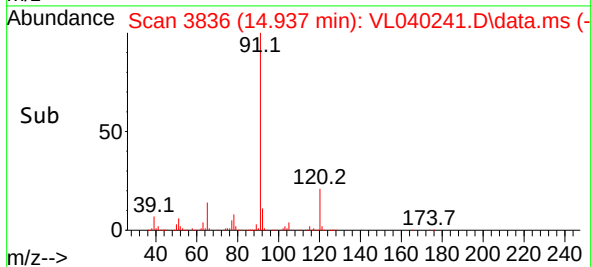
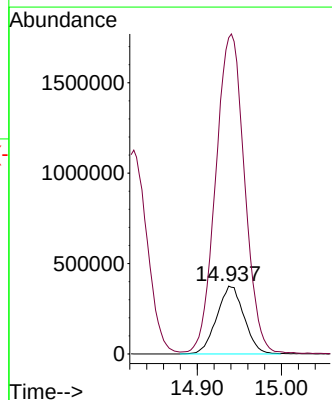
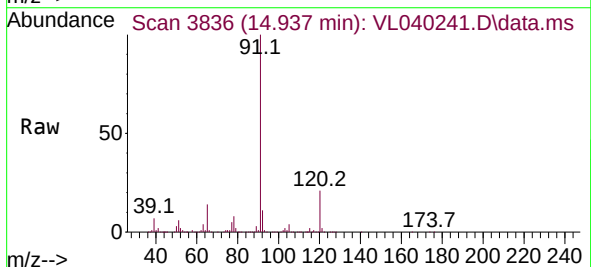
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

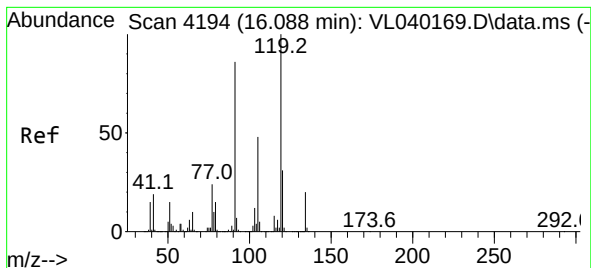
Tgt Ion: 83 Resp: 795687
Ion Ratio Lower Upper
83 100
131 8.9 4.4 13.2
85 66.0 33.0 99.0



#64
n-propylbenzene
Concen: 10.222 ppbv
RT: 14.937 min Scan# 3836
Delta R.T. 0.023 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

Tgt Ion: 120 Resp: 842535
Ion Ratio Lower Upper
120 100
91 502.0 389.8 584.8

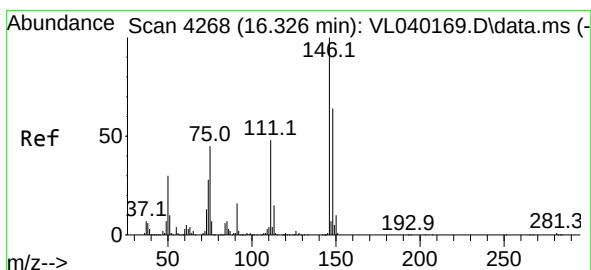
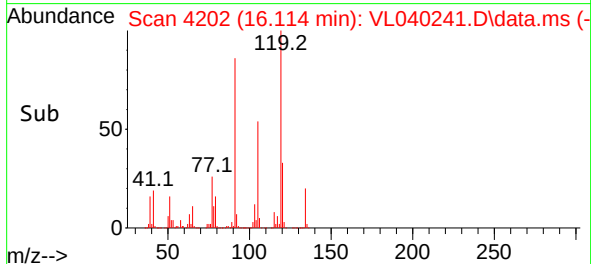
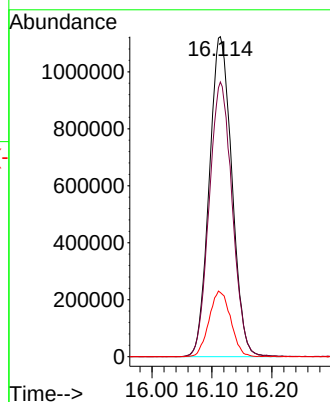
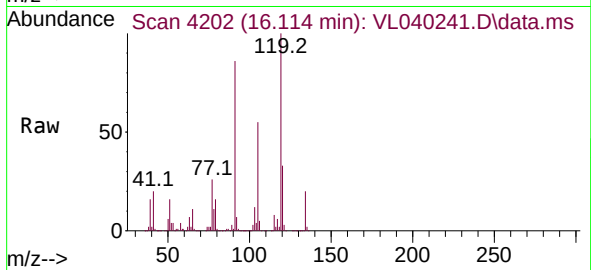




#65
tert-Butylbenzene
Concen: 10.162 ppbv
RT: 16.114 min Scan# 4194
Delta R.T. 0.019 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

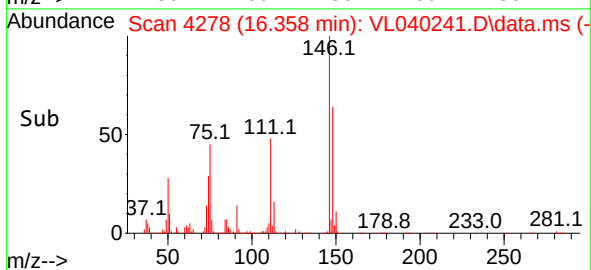
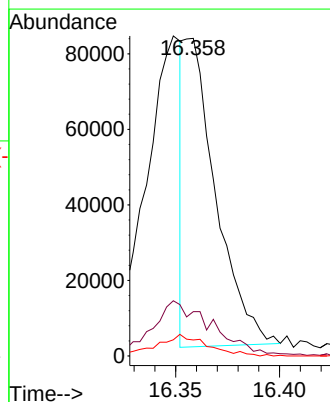
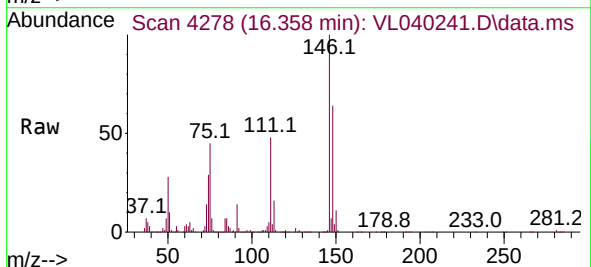
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

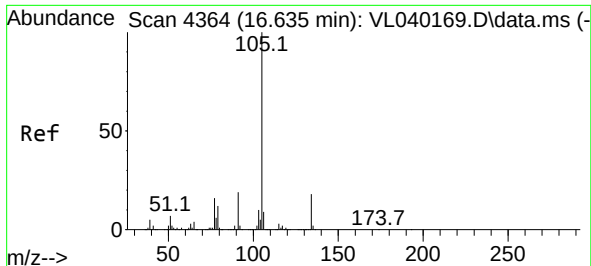
Tgt Ion:119 Resp: 2941930
Ion Ratio Lower Upper
119 100
91 87.6 68.6 102.8
134 19.7 15.9 23.9



#66
Benzyl Chloride
Concen: 4.487 ppbv
RT: 16.358 min Scan# 4278
Delta R.T. 0.029 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

Tgt Ion: 91 Resp: 86440
Ion Ratio Lower Upper
91 100
126 0.0 13.1 19.7#
128 0.0 4.1 6.1#

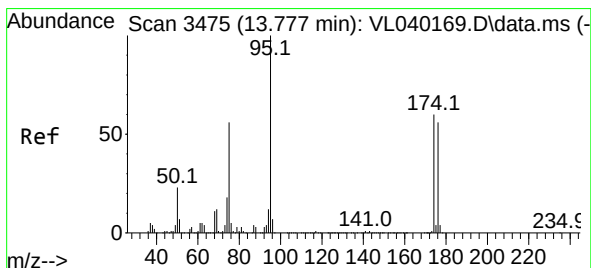
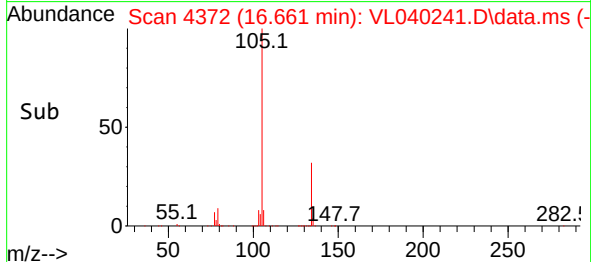
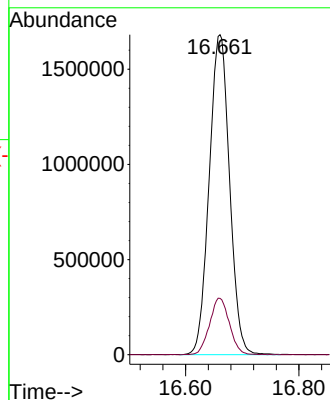
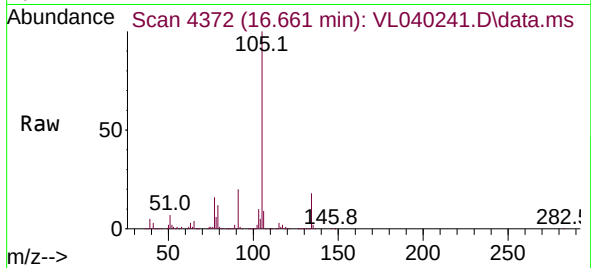




#67
 sec-Butylbenzene
 Concen: 10.100 ppbv
 RT: 16.661 min Scan# 41
 Delta R.T. 0.023 min
 Lab File: VL040241.D
 Acq: 28 Feb 2023 8:59

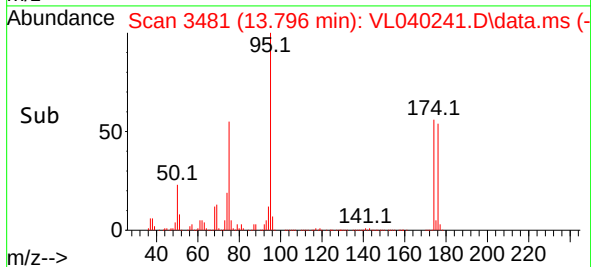
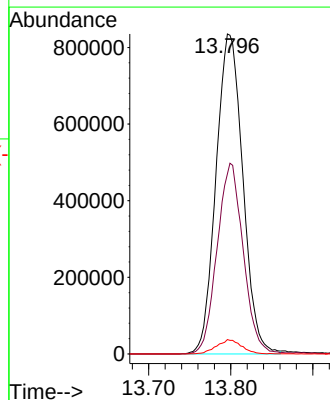
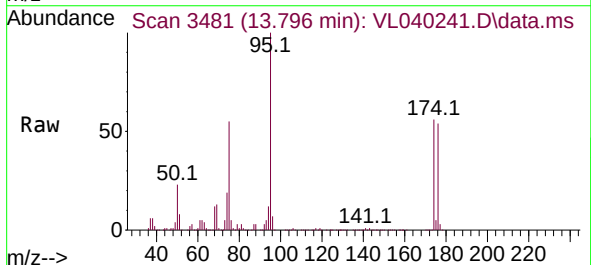
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

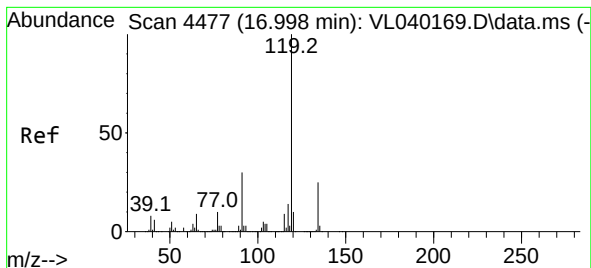
Tgt Ion:105 Resp: 4193110
 Ion Ratio Lower Upper
 105 100
 134 17.2 14.1 21.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.302 ppbv
 RT: 13.796 min Scan# 3481
 Delta R.T. 0.019 min
 Lab File: VL040241.D
 Acq: 28 Feb 2023 8:59

Tgt Ion: 95 Resp: 1898148
 Ion Ratio Lower Upper
 95 100
 174 58.5 48.2 72.2
 175 4.2 3.4 5.2





#69

p-Isopropyltoluene

Concen: 10.072 ppbv

RT: 17.018 min Scan# 4477

Delta R.T. 0.019 min

Lab File: VL040241.D

Acq: 28 Feb 2023 8:59

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

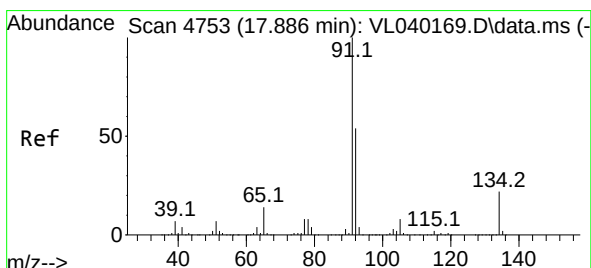
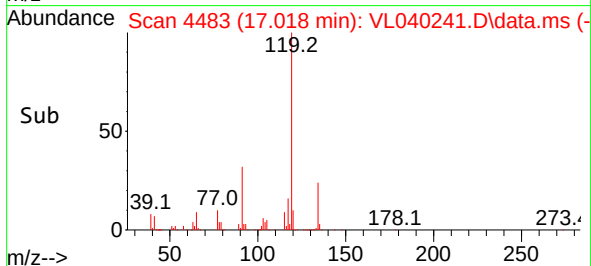
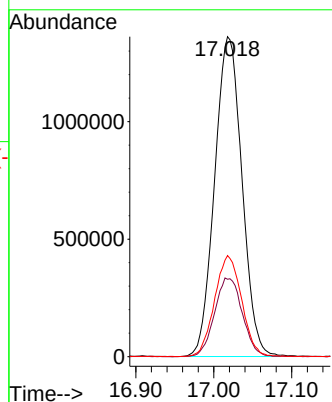
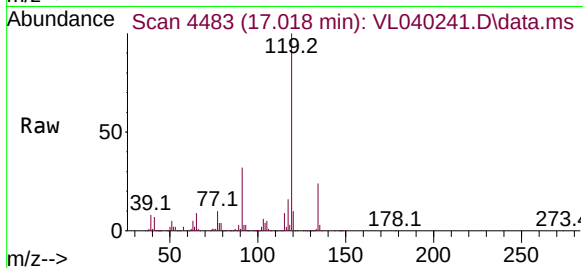
Tgt Ion:119 Resp: 3314944

Ion Ratio Lower Upper

119 100

134 25.1 20.2 30.2

91 31.4 24.7 37.1



#70

n-Butylbenzene

Concen: 10.088 ppbv

RT: 17.908 min Scan# 4760

Delta R.T. 0.019 min

Lab File: VL040241.D

Acq: 28 Feb 2023 8:59

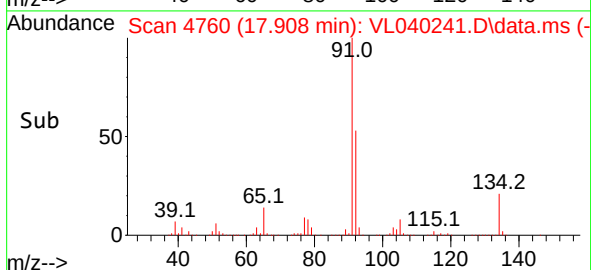
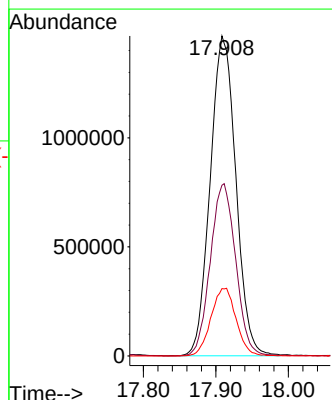
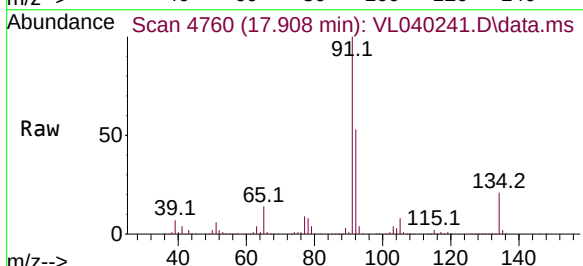
Tgt Ion: 91 Resp: 3603754

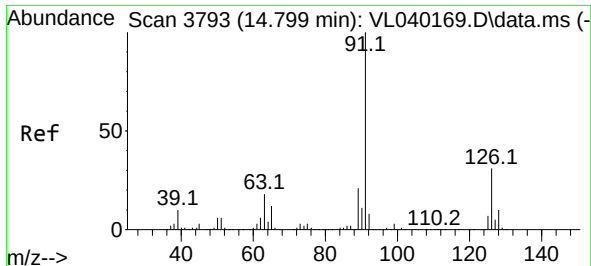
Ion Ratio Lower Upper

91 100

92 53.5 43.0 64.6

134 20.9 16.9 25.3

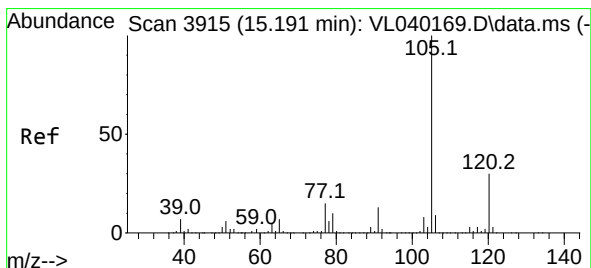
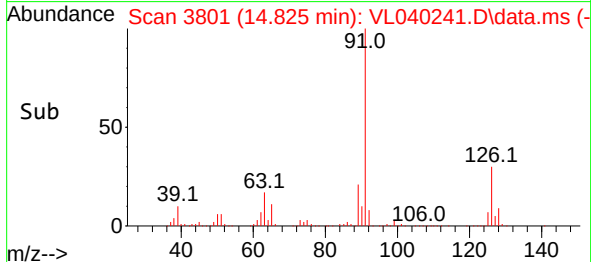
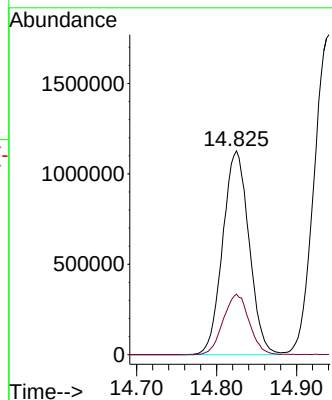
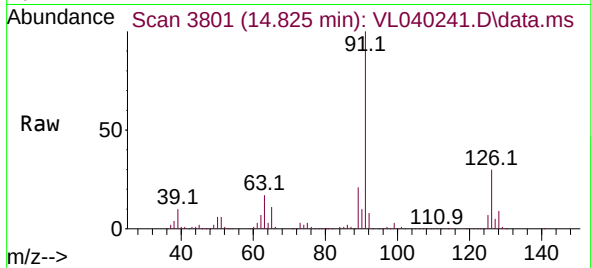




#71
2-Chlorotoluene
Concen: 10.123 ppbv
RT: 14.825 min Scan# 3801
Delta R.T. 0.023 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

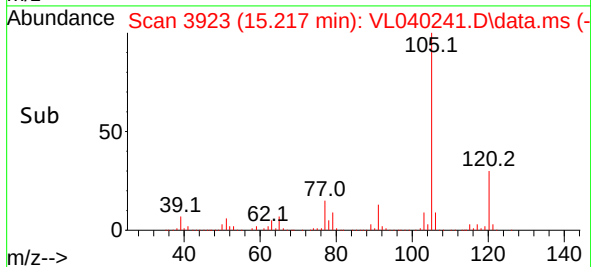
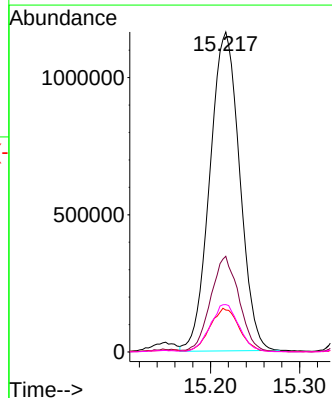
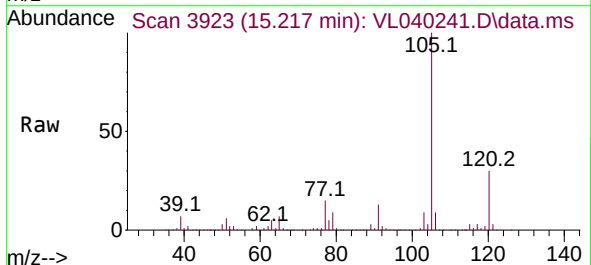
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

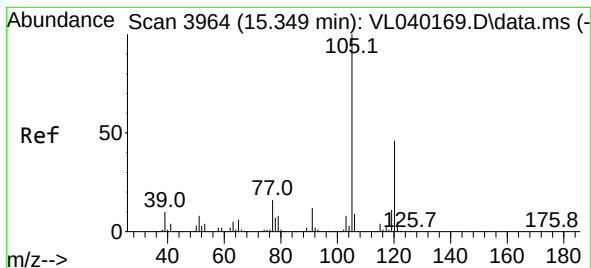
Tgt Ion: 91 Resp: 2578486
Ion Ratio Lower Upper
91 100
126 29.3 12.0 48.2



#72
4-Ethyltoluene
Concen: 10.542 ppbv
RT: 15.217 min Scan# 3923
Delta R.T. 0.026 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

Tgt Ion: 105 Resp: 2703930
Ion Ratio Lower Upper
105 100
120 29.5 23.2 34.8
91 14.3 11.3 16.9
77 15.0 12.0 18.0





#73

1,3,5-Trimethylbenzene

Concen: 10.011 ppbv

RT: 15.378 min Scan# 3964

Delta R.T. 0.023 min

Lab File: VL040241.D

Acq: 28 Feb 2023 8:59

Instrument :

MSVOA_L

ClientSampleId :

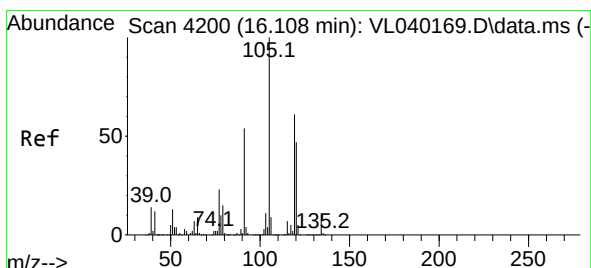
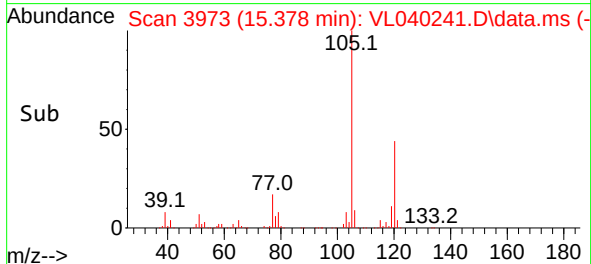
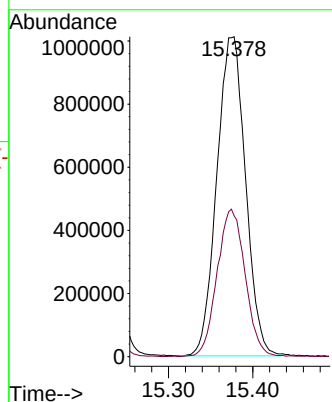
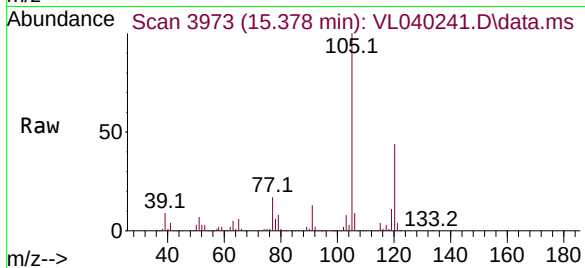
VSTDCCC010

Tgt Ion:105 Resp: 2389104

Ion Ratio Lower Upper

105 100

120 44.1 36.8 55.2



#74

1,2,4-Trimethylbenzene

Concen: 10.045 ppbv

RT: 16.130 min Scan# 4207

Delta R.T. 0.023 min

Lab File: VL040241.D

Acq: 28 Feb 2023 8:59

Tgt Ion:105 Resp: 2633365

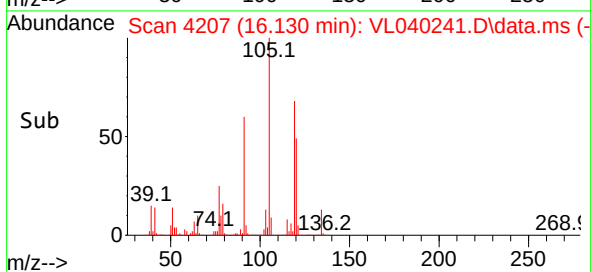
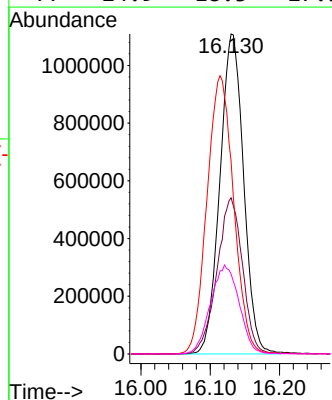
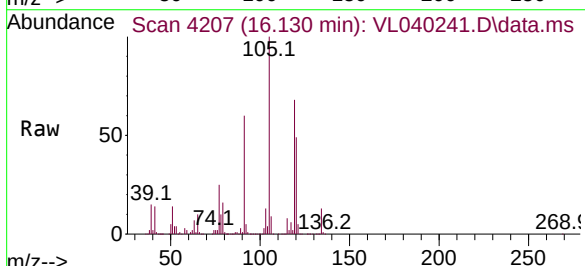
Ion Ratio Lower Upper

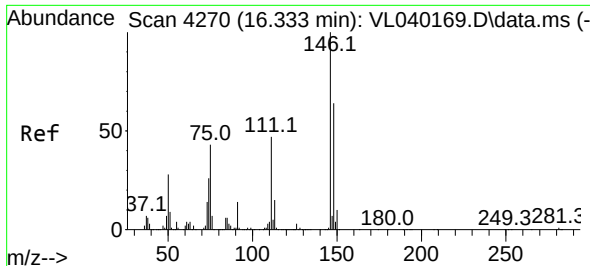
105 100

120 48.8 37.9 56.9

91 60.0 43.7 65.5

77 24.9 18.3 27.5

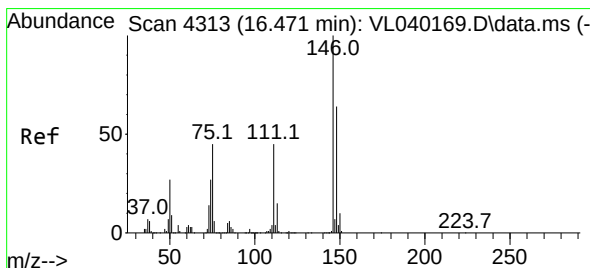
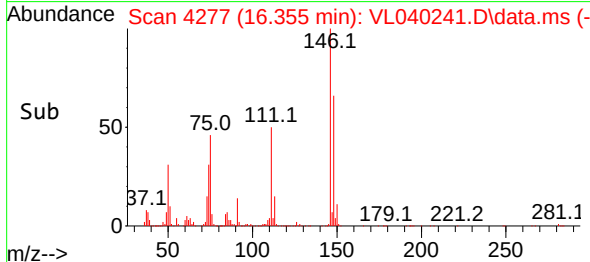
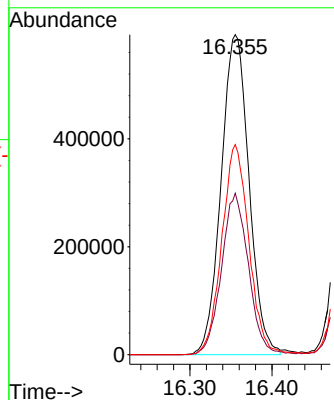
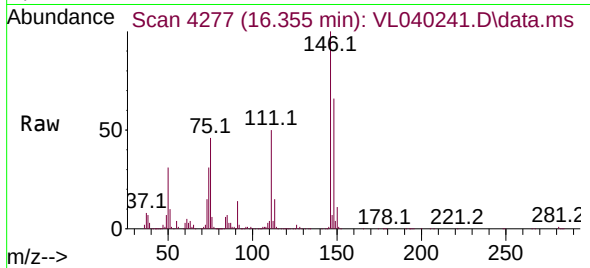




#75
1,3-Dichlorobenzene
Concen: 9.780 ppbv
RT: 16.355 min Scan# 41
Delta R.T. 0.019 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

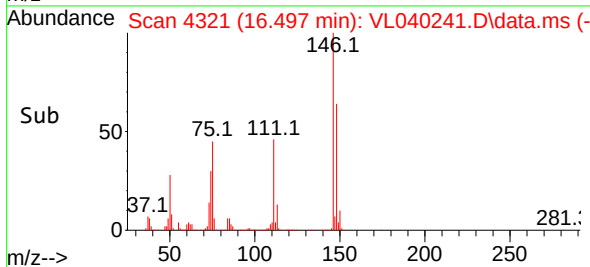
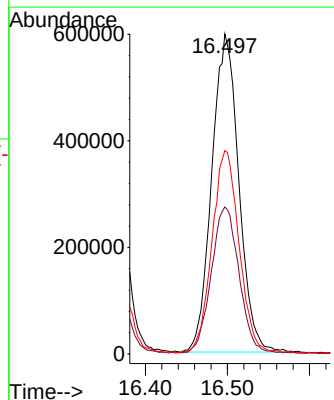
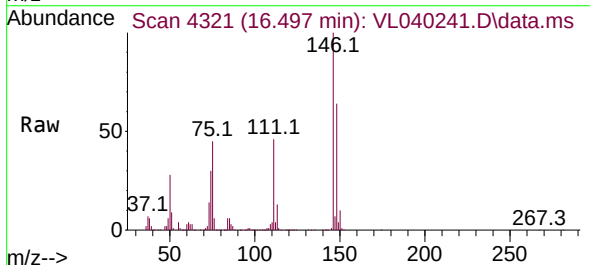
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

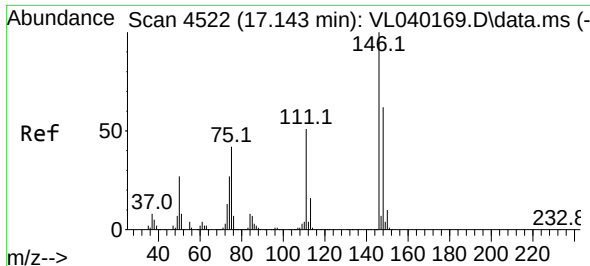
Tgt Ion:146 Resp: 1403001
Ion Ratio Lower Upper
146 100
111 49.0 23.9 71.8
148 63.8 32.1 96.5



#76
1,4-Dichlorobenzene
Concen: 9.706 ppbv
RT: 16.497 min Scan# 4321
Delta R.T. 0.023 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

Tgt Ion:146 Resp: 1364555
Ion Ratio Lower Upper
146 100
111 48.0 23.5 70.5
148 65.2 32.5 97.4

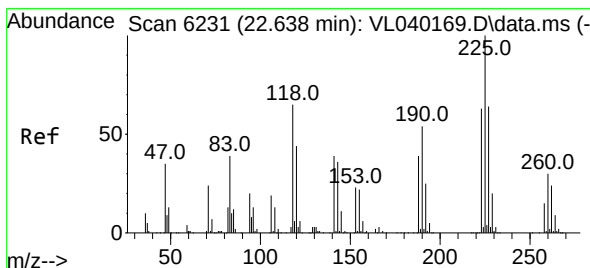
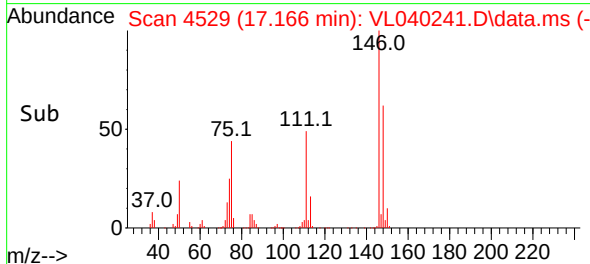
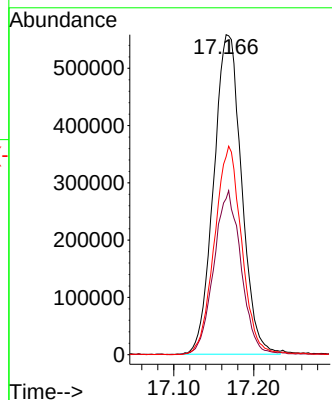
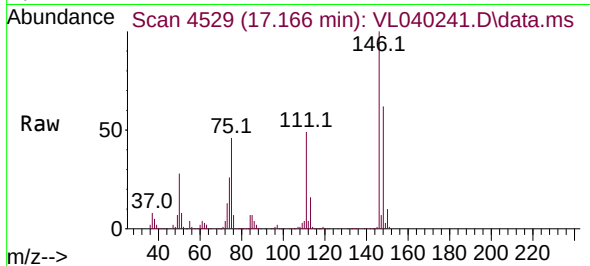




#77
1,2-Dichlorobenzene
Concen: 9.464 ppbv
RT: 17.166 min Scan# 4529
Delta R.T. 0.023 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

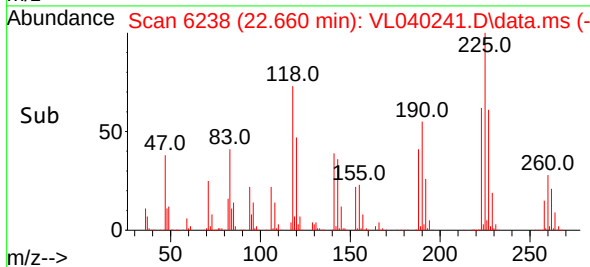
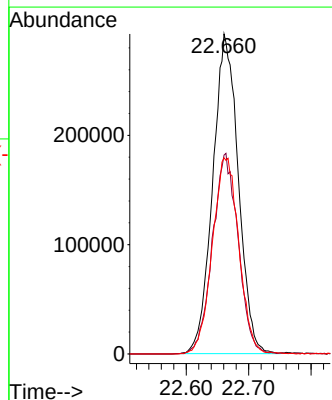
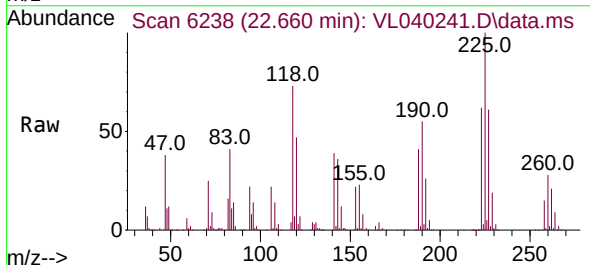
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

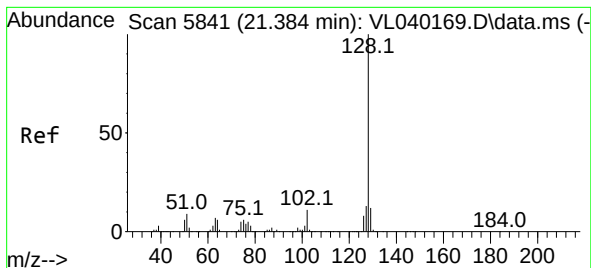
Tgt Ion:146 Resp: 1348711
Ion Ratio Lower Upper
146 100
111 50.6 25.3 75.8
148 63.9 32.0 96.2



#78
Hexachloro-1,3-Butadiene
Concen: 8.492 ppbv
RT: 22.660 min Scan# 6238
Delta R.T. 0.026 min
Lab File: VL040241.D
Acq: 28 Feb 2023 8:59

Tgt Ion:225 Resp: 831359
Ion Ratio Lower Upper
225 100
223 63.5 51.0 76.6
227 63.9 51.2 76.8





#79

Naphthalene

Concen: 11.174 ppbv

RT: 21.410 min Scan# 5849

Delta R.T. 0.019 min

Lab File: VL040241.D

Acq: 28 Feb 2023 8:59

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

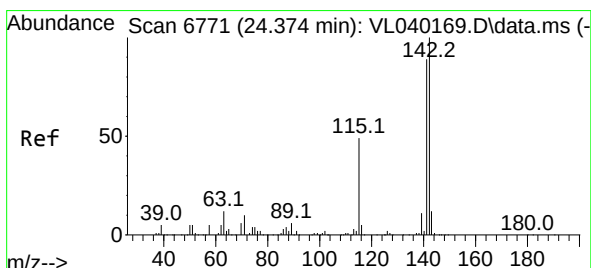
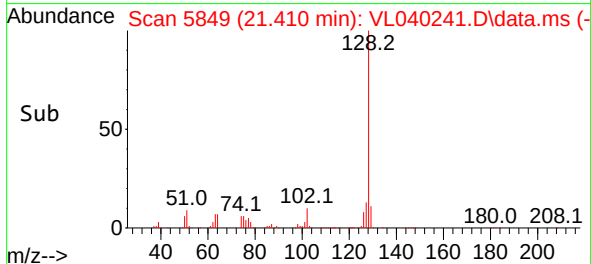
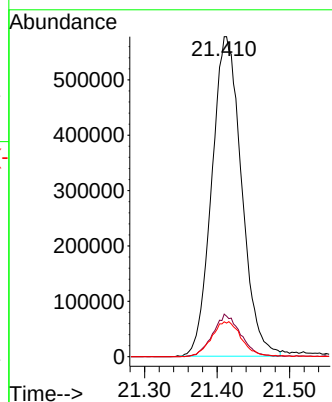
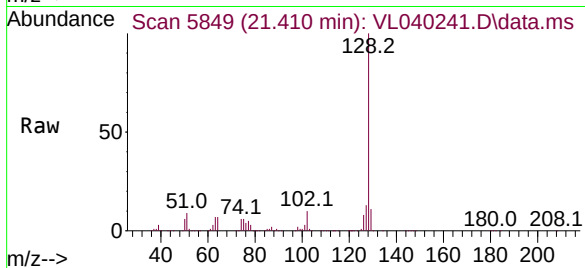
Tgt Ion:128 Resp: 1645589

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 10.9 9.4 14.0



#80

Naphthalene,2-methyl-

Concen: 8.082 ppbv

RT: 24.397 min Scan# 6778

Delta R.T. 0.016 min

Lab File: VL040241.D

Acq: 28 Feb 2023 8:59

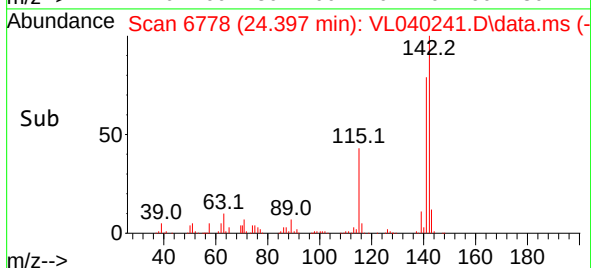
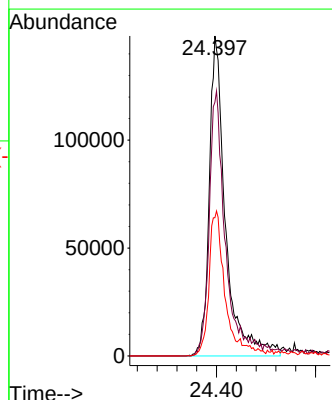
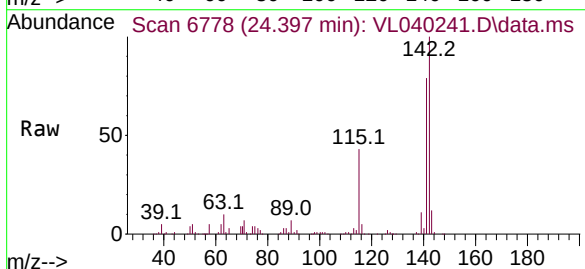
Tgt Ion:142 Resp: 338477

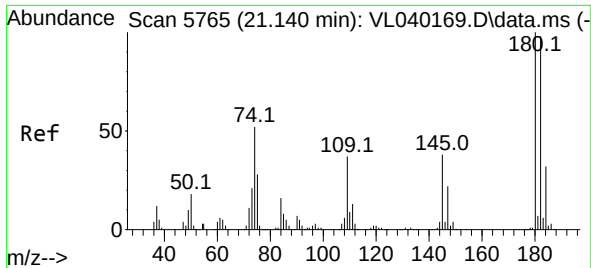
Ion Ratio Lower Upper

142 100

141 83.6 67.3 100.9

115 45.1 36.5 54.7





#81
 1,2,4-Trichlorobenzene
 Concen: 9.772 ppbv
 RT: 21.169 min Scan# 51
 Delta R.T. 0.023 min
 Lab File: VL040241.D
 Acq: 28 Feb 2023 8:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:180 Resp: 900603
 Ion Ratio Lower Upper
 180 100
 182 96.2 79.0 118.6
 184 31.3 24.6 36.8

