

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112723\
 Data File : VL040904.D
 Acq On : 27 Nov 2023 10:58
 Operator : SY/MD
 Sample : VL1127ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 28 04:36:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Nov 28 04:31:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.227	49	913402	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.681	114	2271058	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.484	117	2138941	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	1714632	10.239	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.780	85	1817874	9.817	ppbv	99
3) Chlorodifluoromethane	2.726	51	1424870	9.770	ppbv	100
4) Chloromethane	2.864	50	514850	9.818	ppbv	94
5) Vinyl Chloride	2.970	62	520297	9.975	ppbv	100
6) Bromomethane	3.166	94	206065	10.350	ppbv	100
7) Chloroethane	3.243	64	183082	10.138	ppbv	93
8) Dichlorotetrafluoroethane	2.906	85	1335753	9.991	ppbv	98
9) Propene	2.745	41	478688	9.740	ppbv	99
10) Heptane	7.607	43	1211299	10.018	ppbv	100
11) Trichlorofluoromethane	3.607	101	1430887	10.057	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.105	101	1282462	12.689	ppbv	94
13) Ethanol	3.285	45	87075	9.124	ppbv #	100
14) Bromoethene	3.411	108	410725	10.103	ppbv	97
15) Acetone	3.510	43	987804	10.154	ppbv	99
16) 1,3-Butadiene	3.031	39	527886	10.726	ppbv	99
17) tert-Butyl alcohol	3.919	59	860747	10.347	ppbv	100
18) 1,1-Dichloroethene	3.922	96	475141	10.547	ppbv	95
19) Isopropyl Alcohol	3.620	45	623156	10.644	ppbv	100
20) Methylene Chloride	3.973	84	457006	11.383	ppbv	95
21) Allyl Chloride	4.038	41	720971	11.581	ppbv	97
22) trans-1,2-Dichloroethene	4.485	96	580663	11.357	ppbv	95
23) Vinyl Acetate	4.661	43	1435151	11.425	ppbv	99
24) 1,1-Dichloroethane	4.600	63	1210915	10.815	ppbv	98
25) Ethyl Acetate	5.237	43	2109275	10.472	ppbv	100
26) Hexane	5.247	57	919642	10.316	ppbv	100
27) Carbon Disulfide	4.166	76	1446201	12.793	ppbv	99
28) Methyl tert-Butyl Ether	4.623	73	844349	10.473	ppbv	99
29) Chloroform	5.308	83	1527849	10.112	ppbv	99
30) Cyclohexane	6.632	84	732750	9.554	ppbv	94
31) cis-1,2-Dichloroethene	5.115	61	947183	10.737	ppbv	99
32) 1,1,1-Trichloroethane	6.037	97	1524381	10.814	ppbv	99
34) 2-Butanone	4.819	43	1319571	11.405	ppbv	99
35) Carbon Tetrachloride	6.526	117	1604730	11.517	ppbv	98
36) Benzene	6.401	78	1883734	10.220	ppbv	98
37) 1,2-Dichloroethane	5.838	62	1165634	10.722	ppbv	100
38) Trichloroethene	7.317	130	708111	9.884	ppbv	99
39) 1,2-Dichloropropane	7.099	63	744510	10.187	ppbv	98
40) 1,4-Dioxane	7.308	88	297717	10.267	ppbv #	55
41) Tetrahydrofuran	5.587	42	780963	10.964	ppbv	99
42) Bromodichloromethane	7.279	83	1696658	10.906	ppbv	97
43) Methyl Methacrylate	7.497	69	772601	11.000	ppbv	97
44) 2,2,4-Trimethylpentane	7.353	57	3181191	10.390	ppbv	99
45) t-1,3-Dichloropropene	8.732	75	536132	12.989	ppbv	96

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

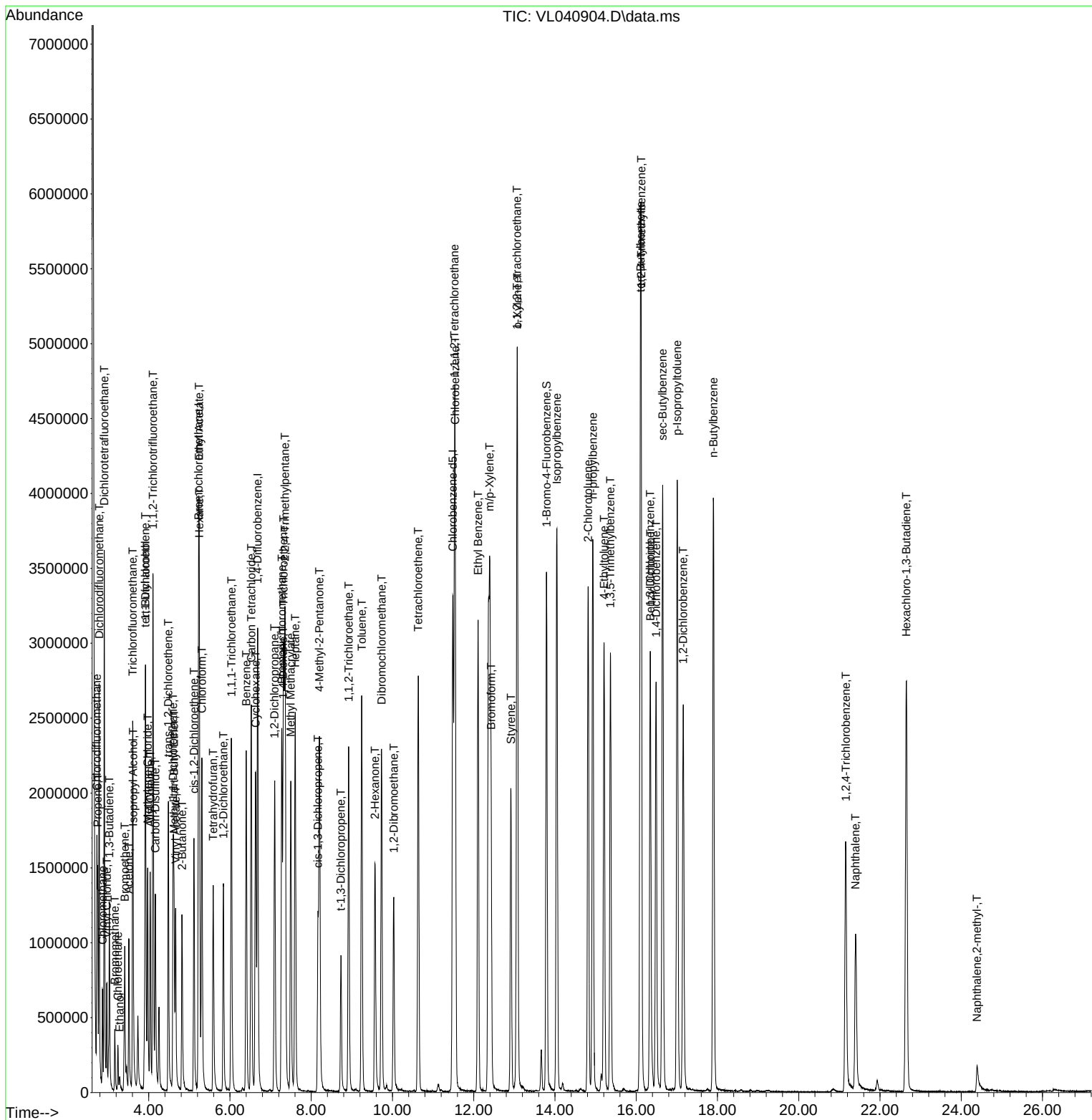
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 ClientSampleId :

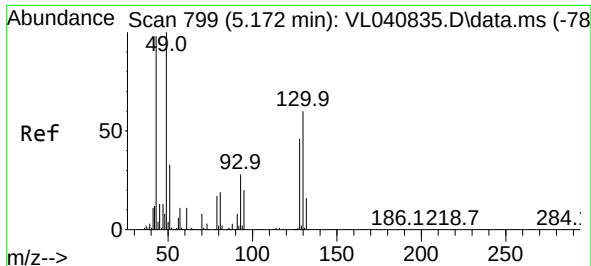
Quant Time: Nov 28 04:36:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Nov 28 04:31:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.166	75	661435	12.359	ppbv	98
47) 1,1,2-Trichloroethane	8.922	97	782785	10.222	ppbv	98
48) Dibromochloromethane	9.732	129	1398087	11.003	ppbv	99
49) Bromoform	12.430	173	1102233	11.533	ppbv	99
50) 4-Methyl-2-Pentanone	8.201	43	1990939	11.120	ppbv	100
51) 2-Hexanone	9.571	43	1456762	11.542	ppbv #	99
52) Tetrachloroethene	10.635	164	642321	10.349	ppbv	97
53) Toluene	9.243	91	2149314	10.597	ppbv	99
54) 1,2-Dibromoethane	10.031	107	1072058	10.878	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.529	131	988057	10.793	ppbv	100
57) Chlorobenzene	11.545	112	1634362	10.309	ppbv	99
58) Ethyl Benzene	12.108	91	2915690	10.448	ppbv	99
59) m/p-Xylene	12.391	91	2522981	10.616	ppbv #	37
60) o-Xylene	13.076	91	2353879	10.404	ppbv	98
61) Styrene	12.915	104	1194507	10.948	ppbv	100
62) Isopropylbenzene	14.047	105	3381110	10.116	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.066	83	1682552	10.493	ppbv	100
64) n-propylbenzene	14.934	120	873767	10.430	ppbv	94
65) tert-Butylbenzene	16.108	119	2918715	10.356	ppbv	98
66) Benzyl Chloride	16.349	91	117080	11.274	ppbv #	100
67) sec-Butylbenzene	16.651	105	4136147	10.274	ppbv	99
69) p-Isopropyltoluene	17.008	119	3316641	10.331	ppbv	100
70) n-Butylbenzene	17.902	91	3539389	10.441	ppbv	99
71) 2-Chlorotoluene	14.815	91	2661120	10.444	ppbv	100
72) 4-Ethyltoluene	15.211	105	2637207	10.604	ppbv	98
73) 1,3,5-Trimethylbenzene	15.365	105	2286379	10.395	ppbv	100
74) 1,2,4-Trimethylbenzene	16.124	105	2503893	10.201	ppbv	97
75) 1,3-Dichlorobenzene	16.346	146	1400392	10.332	ppbv	99
76) 1,4-Dichlorobenzene	16.490	146	1340169	10.328	ppbv	98
77) 1,2-Dichlorobenzene	17.156	146	1346202	10.215	ppbv	98
78) Hexachloro-1,3-Butadiene	22.648	225	738444	8.949	ppbv	100
79) Naphthalene	21.400	128	1413306	11.203	ppbv	99
80) Naphthalene,2-methyl-	24.387	142	197252	8.857	ppbv	95
81) 1,2,4-Trichlorobenzene	21.159	180	752841	9.816	ppbv	99

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
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QLast Update : Tue Nov 28 04:31:59 2023
Response via : Initial Calibration

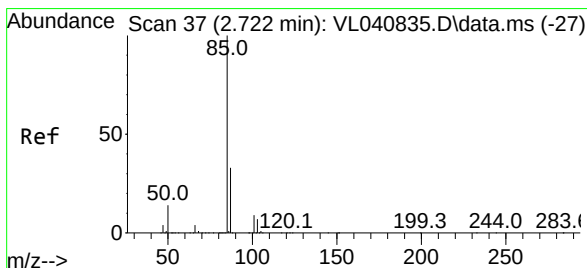
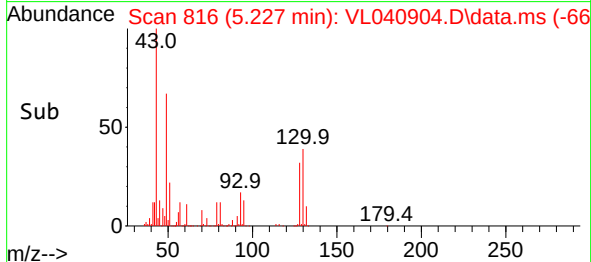
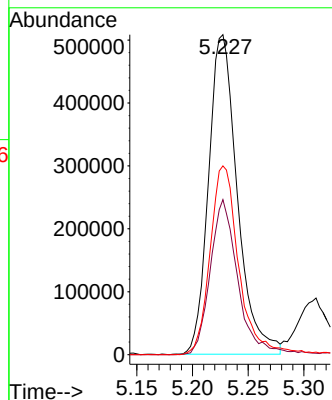
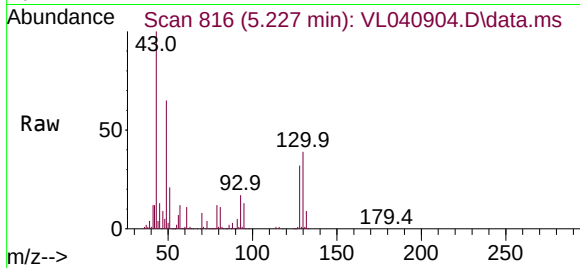




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.227 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VL040904.D
 Acq: 27 Nov 2023 10:58

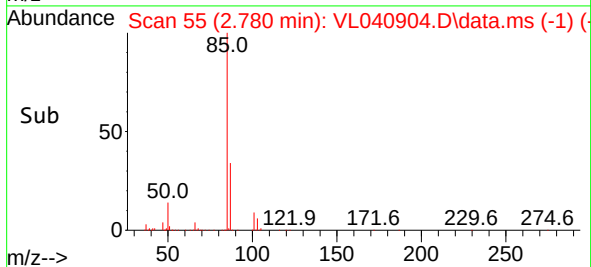
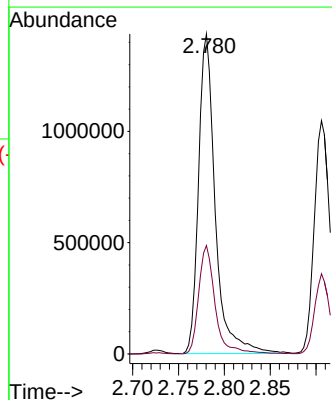
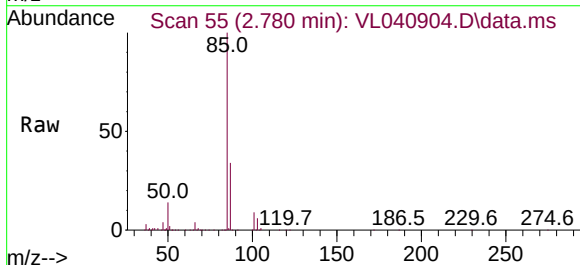
Instrument :
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 ClientSampleId :

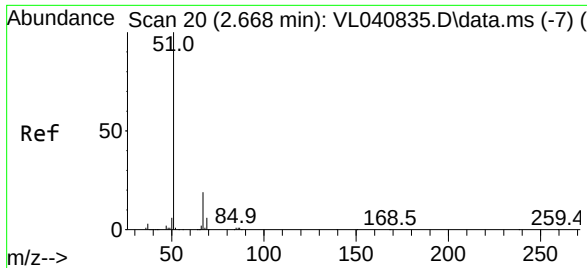
Tgt Ion: 49 Resp: 913402
 Ion Ratio Lower Upper
 49 100
 128 47.5 23.8 71.2
 130 60.0 30.9 92.8



#2
 Dichlorodifluoromethane
 Concen: 9.817 ppbv
 RT: 2.780 min Scan# 55
 Delta R.T. -0.003 min
 Lab File: VL040904.D
 Acq: 27 Nov 2023 10:58

Tgt Ion: 85 Resp: 1817874
 Ion Ratio Lower Upper
 85 100
 87 33.9 26.7 40.1

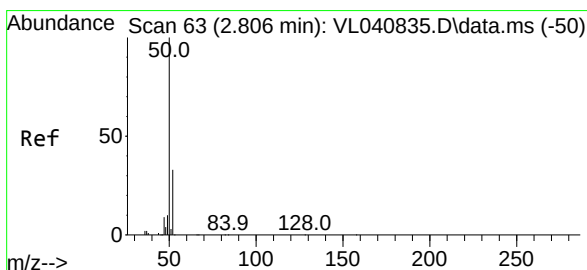
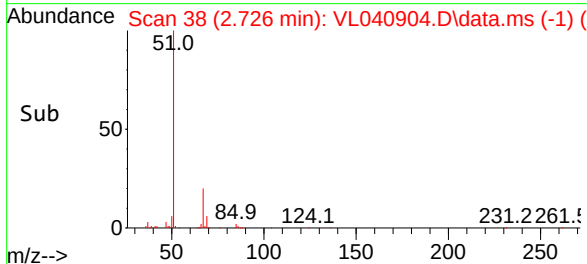
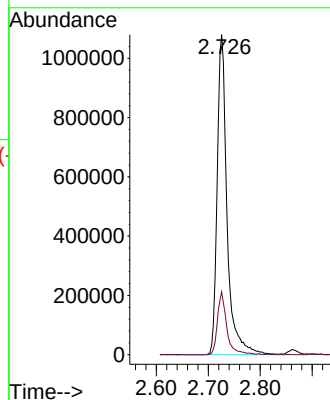
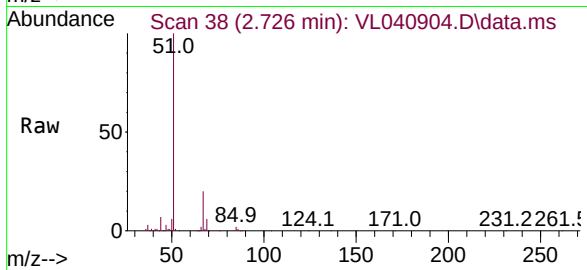




#3
Chlorodifluoromethane
Concen: 9.770 ppbv
RT: 2.726 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

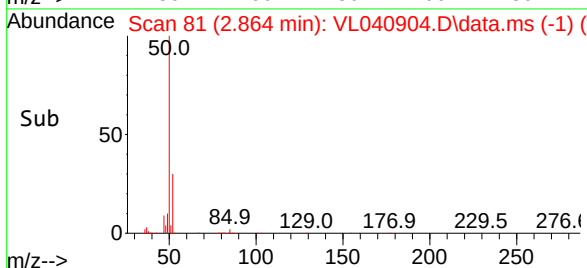
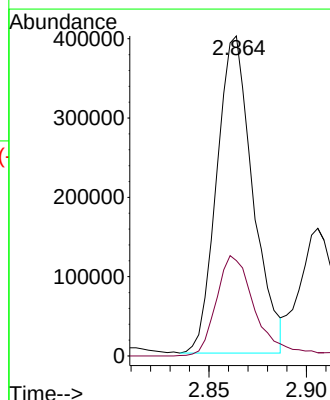
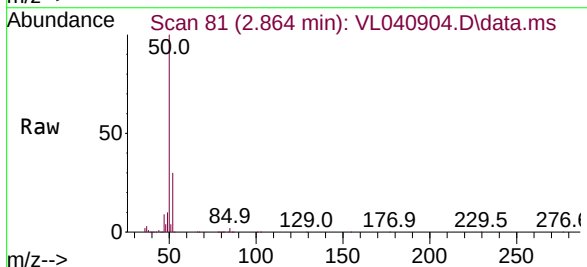
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ClientSampleId :

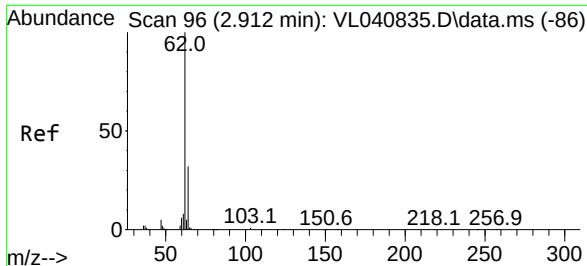
Tgt Ion: 51 Resp: 1424870
Ion Ratio Lower Upper
51 100
67 18.7 15.0 22.4



#4
Chloromethane
Concen: 9.818 ppbv
RT: 2.864 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Tgt Ion: 50 Resp: 514850
Ion Ratio Lower Upper
50 100
52 29.9 26.5 39.7

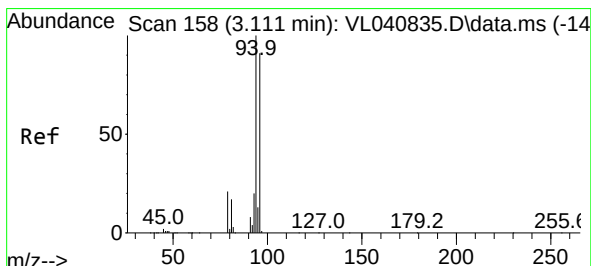
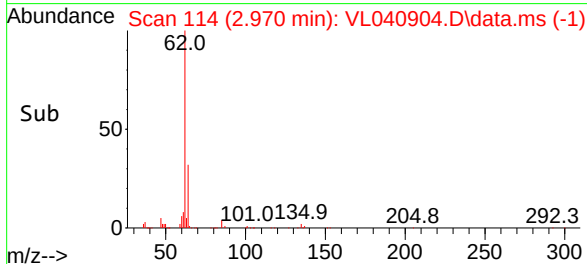
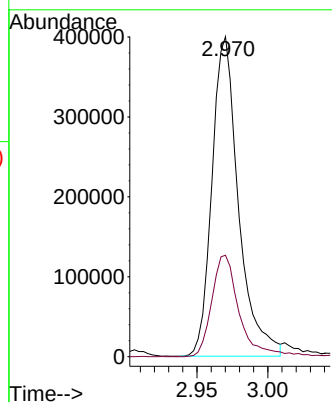
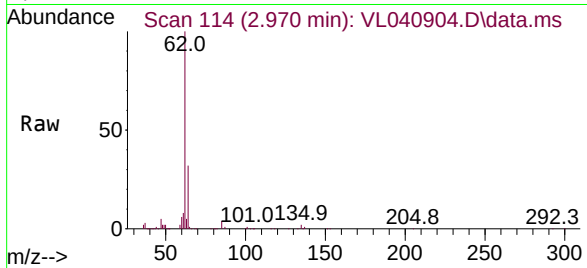




#5
 Vinyl Chloride
 Concen: 9.975 ppbv
 RT: 2.970 min Scan# 114
 Delta R.T. -0.003 min
 Lab File: VL040904.D
 Acq: 27 Nov 2023 10:58

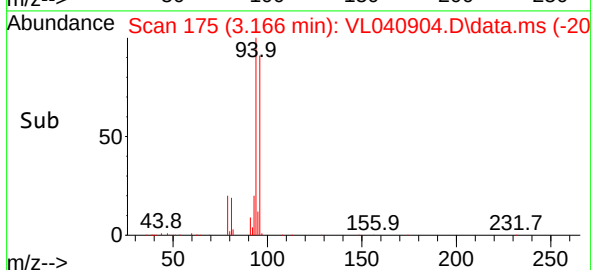
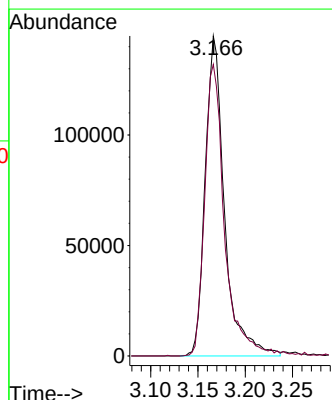
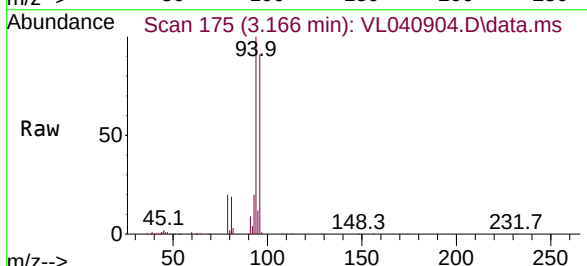
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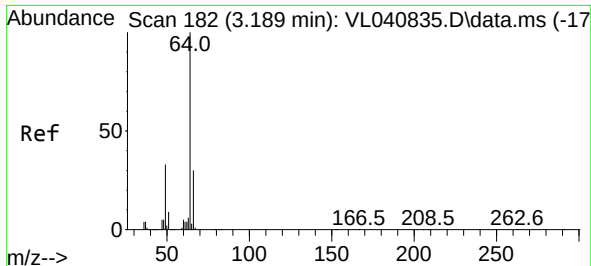
Tgt Ion: 62 Resp: 520297
 Ion Ratio Lower Upper
 62 100
 64 31.8 25.4 38.2



#6
 Bromomethane
 Concen: 10.350 ppbv
 RT: 3.166 min Scan# 175
 Delta R.T. -0.003 min
 Lab File: VL040904.D
 Acq: 27 Nov 2023 10:58

Tgt Ion: 94 Resp: 206065
 Ion Ratio Lower Upper
 94 100
 96 91.1 73.0 109.4

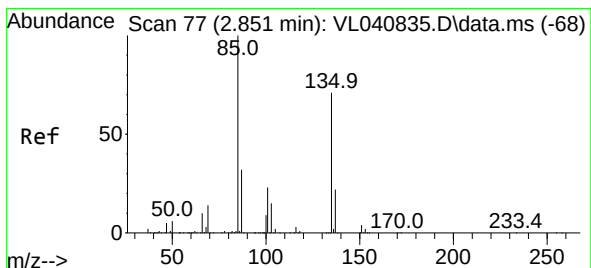
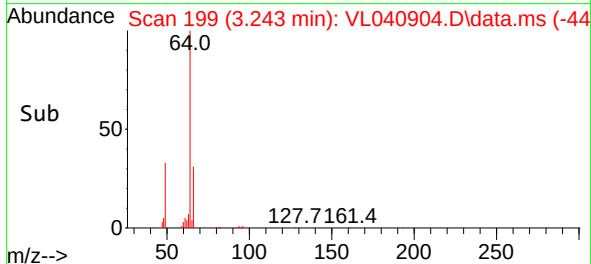
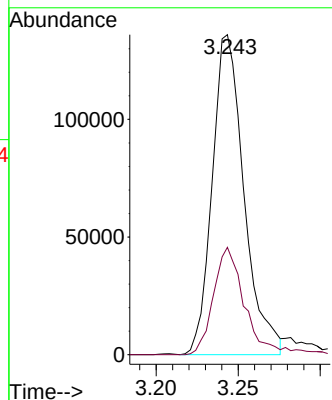
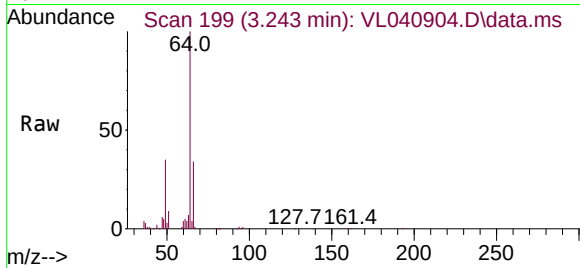




#7
Chloroethane
Concen: 10.138 ppbv
RT: 3.243 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

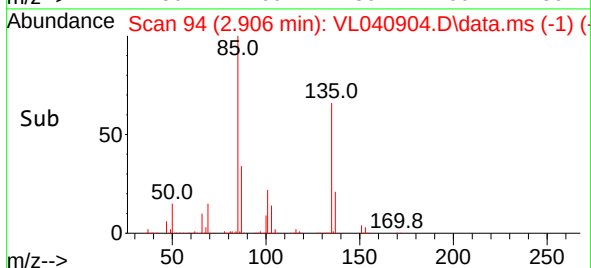
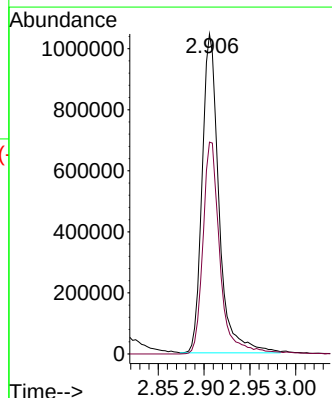
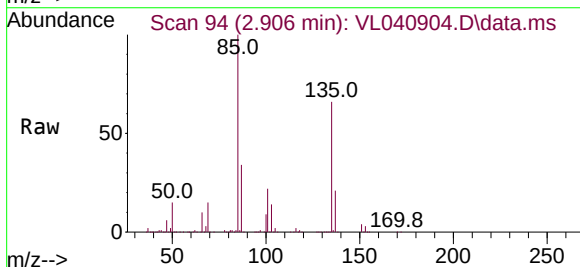
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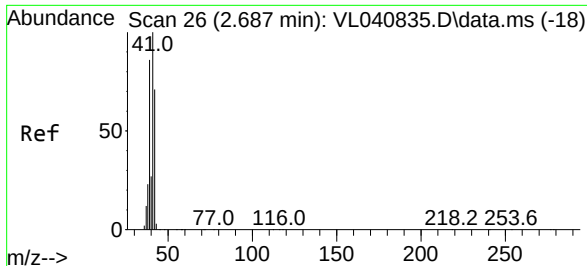
Tgt Ion: 64 Resp: 183082
Ion Ratio Lower Upper
64 100
66 33.6 23.8 35.6



#8
Dichlorotetrafluoroethane
Concen: 9.991 ppbv
RT: 2.906 min Scan# 94
Delta R.T. -0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Tgt Ion: 85 Resp: 1335753
Ion Ratio Lower Upper
85 100
135 67.6 55.3 82.9

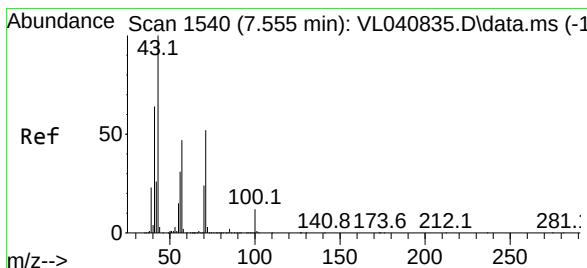
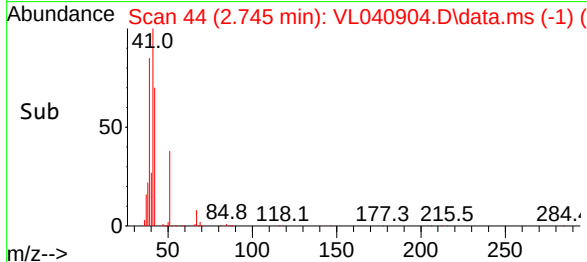
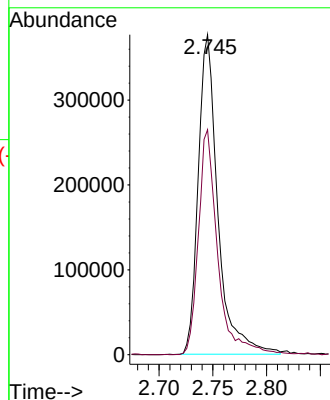
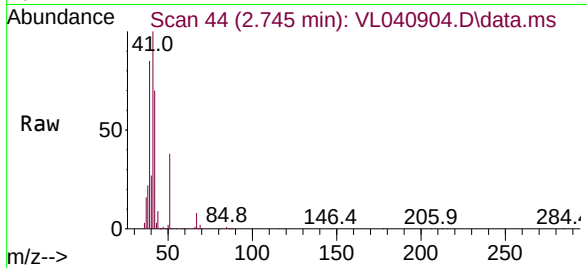




#9
 Propene
 Concen: 9.740 ppbv
 RT: 2.745 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL040904.D
 Acq: 27 Nov 2023 10:58

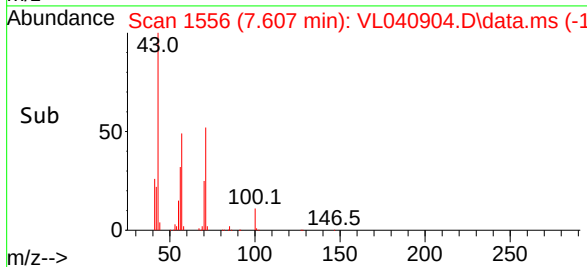
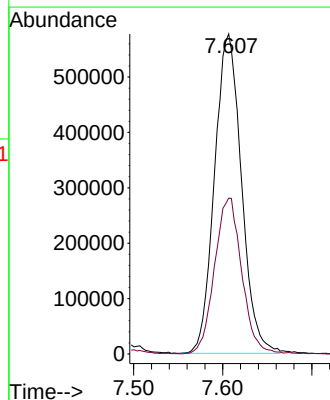
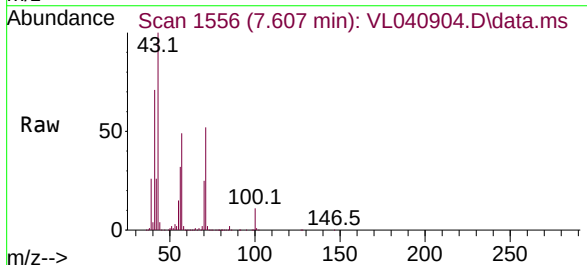
Instrument :
 MSVOA_L
 ClientSampleId :

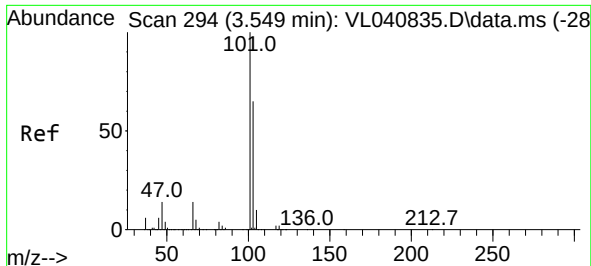
Tgt Ion: 41 Resp: 478688
 Ion Ratio Lower Upper
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#10
 Heptane
 Concen: 10.018 ppbv
 RT: 7.607 min Scan# 1556
 Delta R.T. 0.000 min
 Lab File: VL040904.D
 Acq: 27 Nov 2023 10:58

Tgt Ion: 43 Resp: 1211299
 Ion Ratio Lower Upper
 43 100
 57 49.5 39.4 59.0

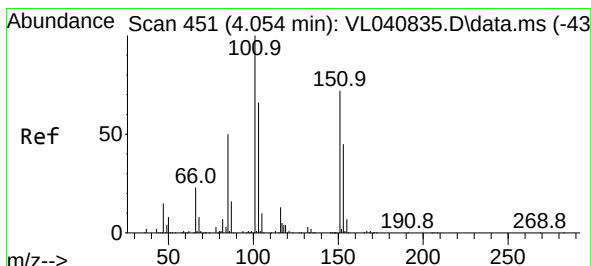
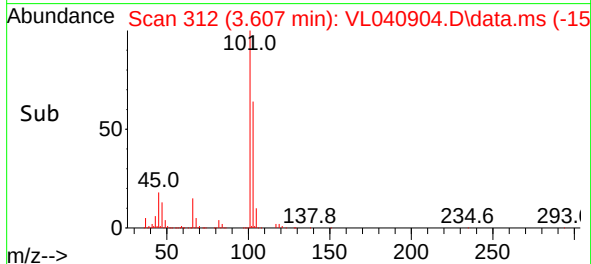
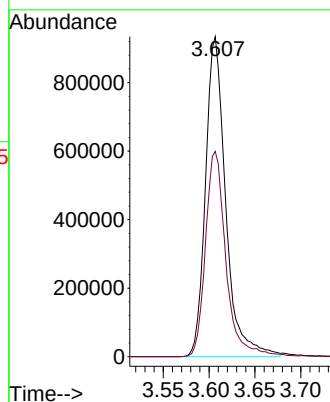
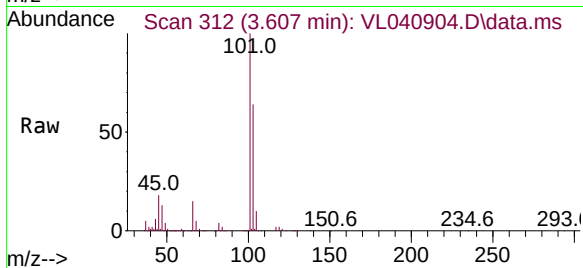




#11
 Trichlorofluoromethane
 Concen: 10.057 ppbv
 RT: 3.607 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VL040904.D
 Acq: 27 Nov 2023 10:58

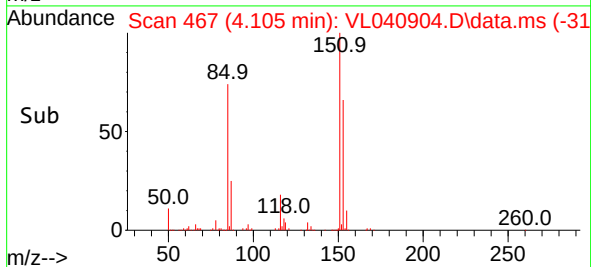
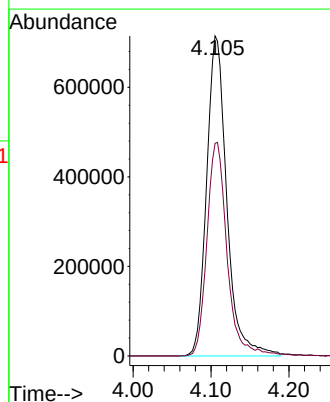
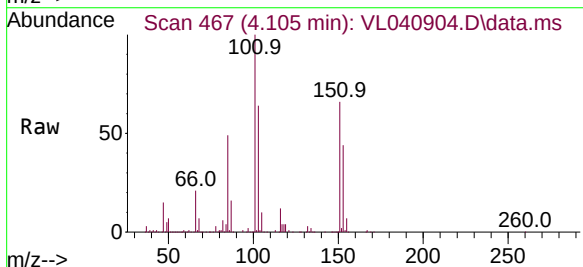
Instrument :
 MSVOA_L
 ClientSampleId :

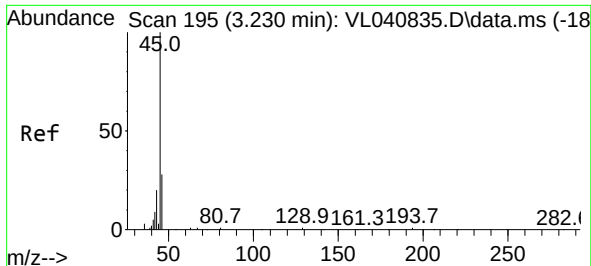
Tgt Ion:101 Resp: 1430887
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.8 77.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 12.689 ppbv
 RT: 4.105 min Scan# 467
 Delta R.T. 0.000 min
 Lab File: VL040904.D
 Acq: 27 Nov 2023 10:58

Tgt Ion:101 Resp: 1282462
 Ion Ratio Lower Upper
 101 100
 151 67.1 57.8 86.6





#13

Ethanol

Concen: 9.124 ppbv

RT: 3.285 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL040904.D

Acq: 27 Nov 2023 10:58

Instrument :

MSVOA_L

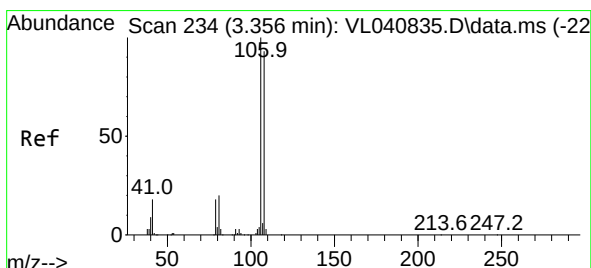
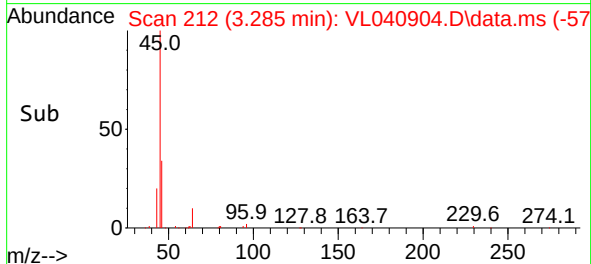
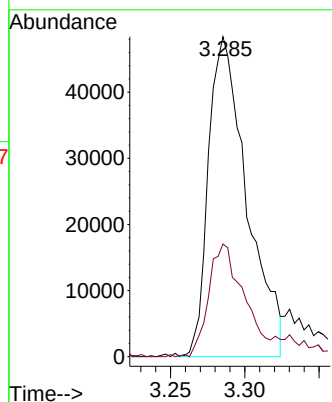
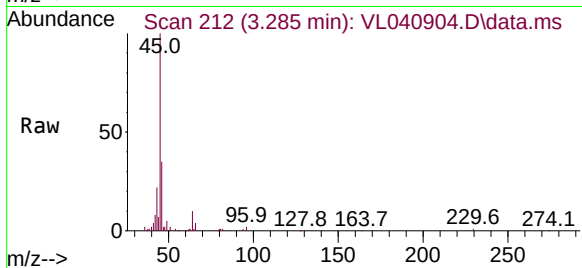
ClientSampleId :

Tgt Ion: 45 Resp: 87075

Ion Ratio Lower Upper

45 100

46 39.6 0.0 0.0#



#14

Bromoethene

Concen: 10.103 ppbv

RT: 3.411 min Scan# 251

Delta R.T. -0.003 min

Lab File: VL040904.D

Acq: 27 Nov 2023 10:58

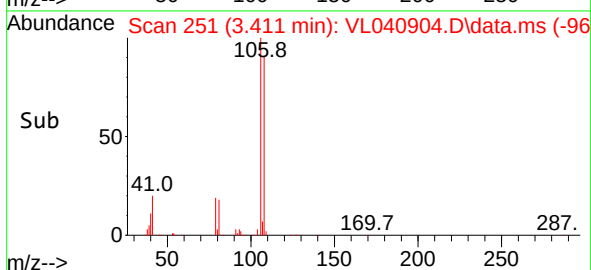
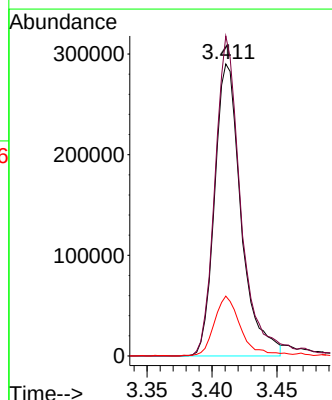
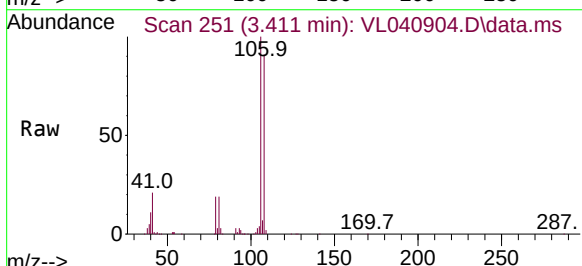
Tgt Ion: 108 Resp: 410725

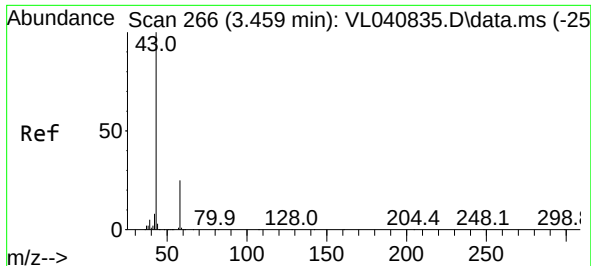
Ion Ratio Lower Upper

108 100

106 110.4 85.4 128.2

79 20.9 16.7 25.1

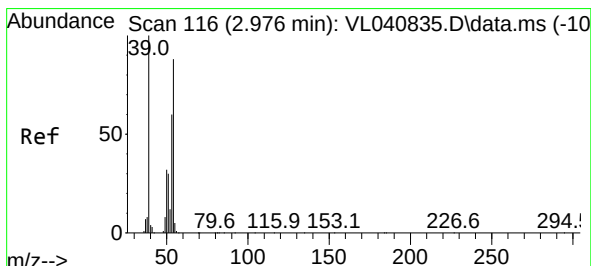
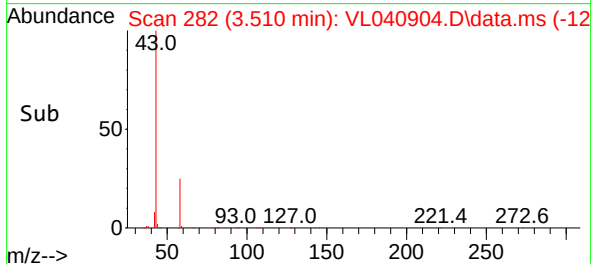
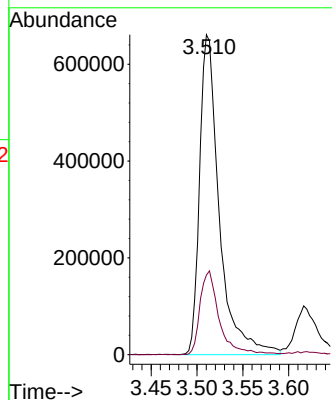
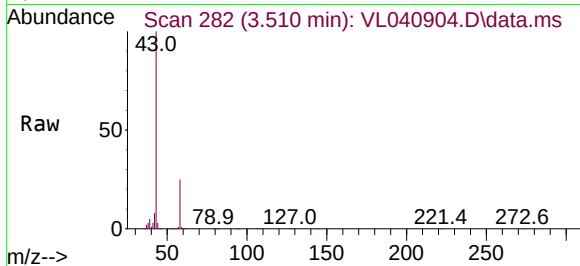




#15
Acetone
Concen: 10.154 ppbv
RT: 3.510 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

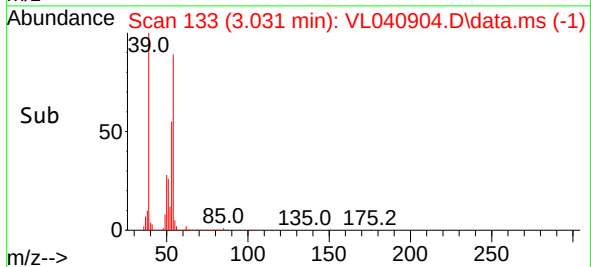
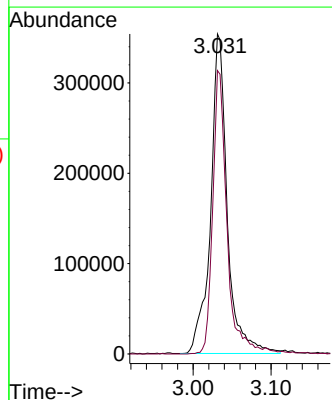
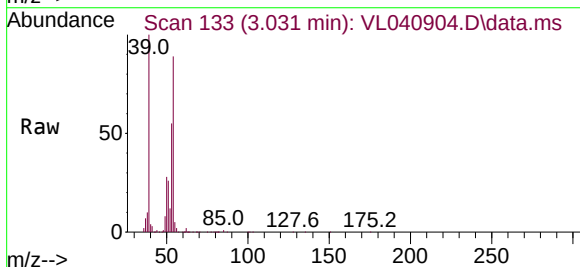
Instrument :
MSVOA_L
ClientSampleId :

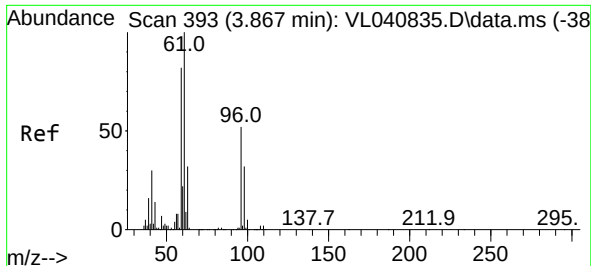
Tgt Ion: 43 Resp: 987804
Ion Ratio Lower Upper
43 100
58 25.7 20.9 31.3



#16
1,3-Butadiene
Concen: 10.726 ppbv
RT: 3.031 min Scan# 133
Delta R.T. -0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Tgt Ion: 39 Resp: 527886
Ion Ratio Lower Upper
39 100
54 76.8 61.8 92.6





#17

tert-Butyl alcohol

Concen: 10.347 ppbv

RT: 3.919 min Scan# 410

Delta R.T. -0.003 min

Lab File: VL040904.D

Acq: 27 Nov 2023 10:58

Instrument :

MSVOA_L

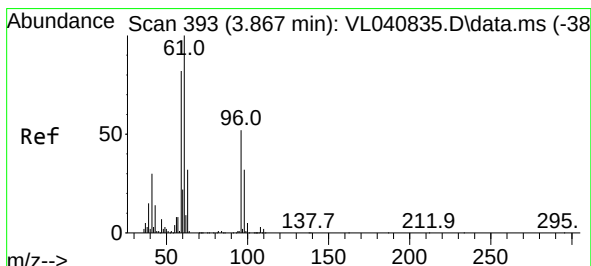
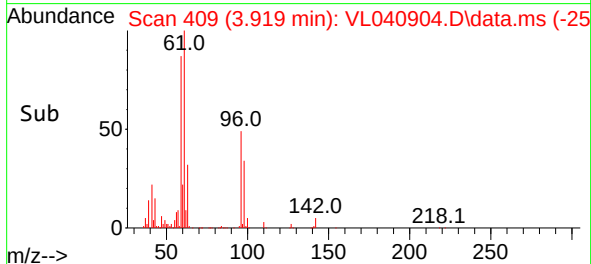
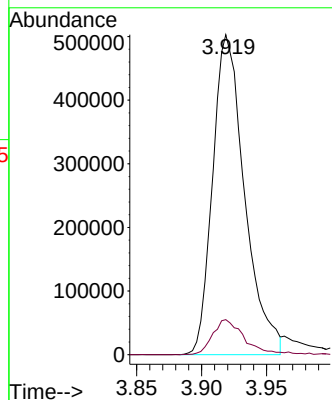
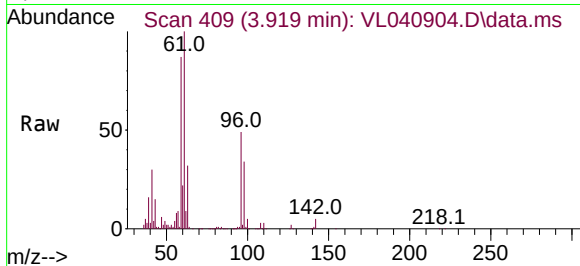
ClientSampleId :

Tgt Ion: 59 Resp: 860747

Ion Ratio Lower Upper

59 100

57 11.4 9.0 13.4



#18

1,1-Dichloroethene

Concen: 10.547 ppbv

RT: 3.922 min Scan# 410

Delta R.T. 0.000 min

Lab File: VL040904.D

Acq: 27 Nov 2023 10:58

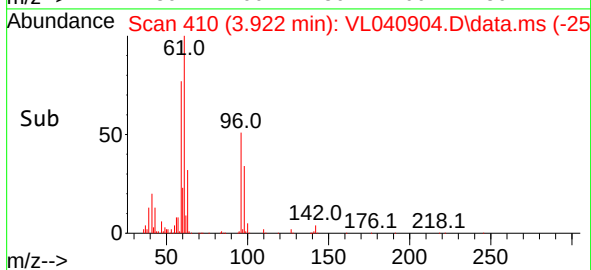
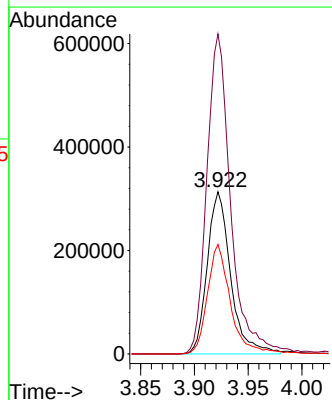
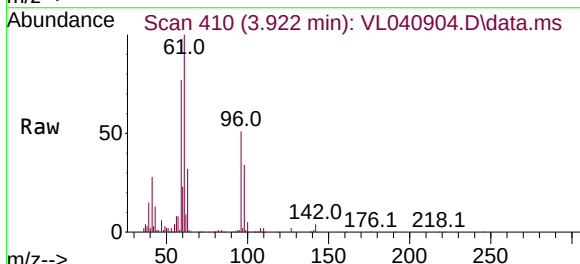
Tgt Ion: 96 Resp: 475141

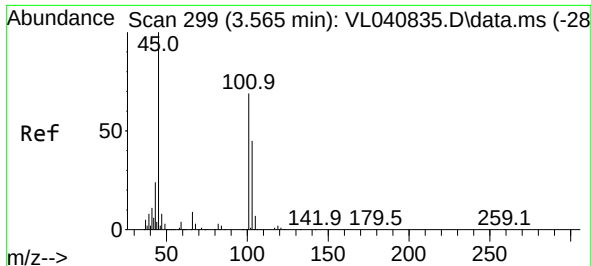
Ion Ratio Lower Upper

96 100

61 197.2 152.6 228.8

98 67.4 49.2 73.8

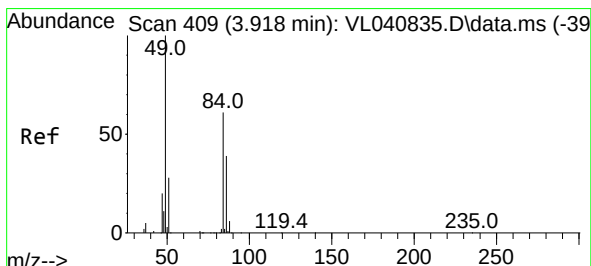
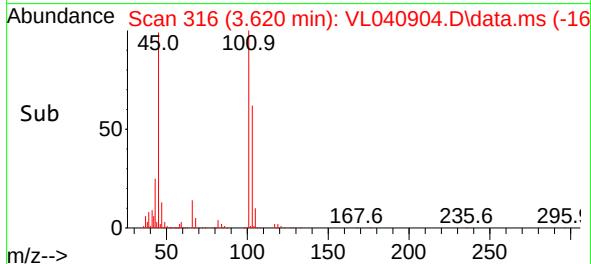
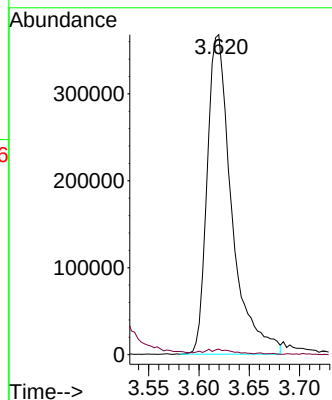
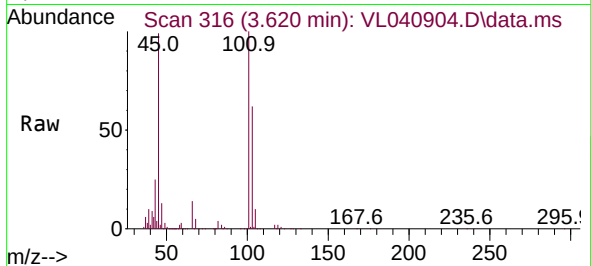




#19
Isopropyl Alcohol
Concen: 10.644 ppbv
RT: 3.620 min Scan# 316
Delta R.T. 0.000 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

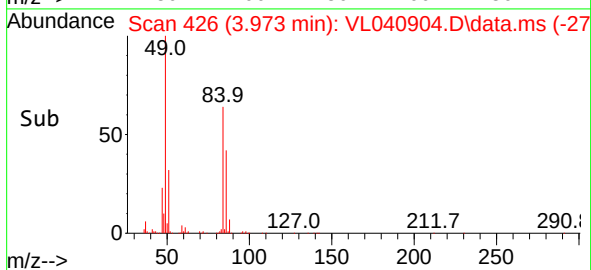
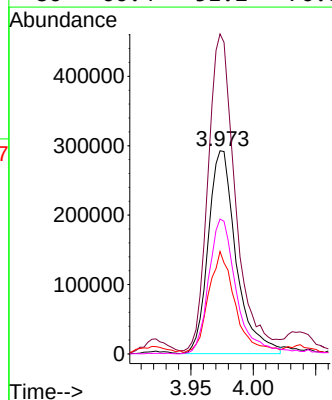
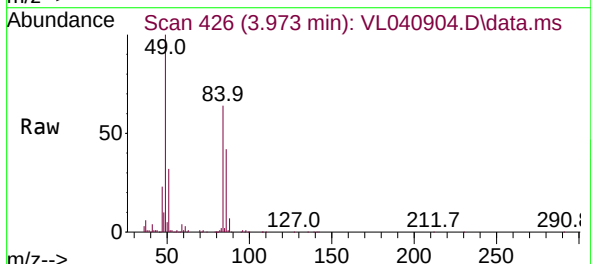
Instrument :
MSVOA_L
ClientSampleId :

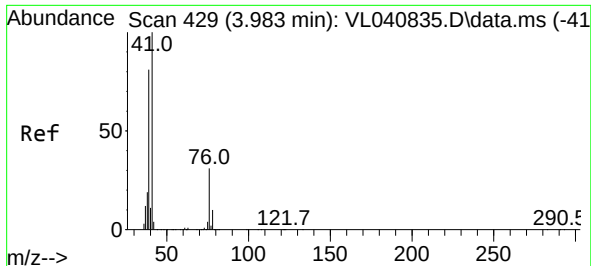
Tgt Ion: 45 Resp: 623156
Ion Ratio Lower Upper
45 100
58 1.9 1.6 2.4



#20
Methylene Chloride
Concen: 11.383 ppbv
RT: 3.973 min Scan# 426
Delta R.T. -0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Tgt Ion: 84 Resp: 457006
Ion Ratio Lower Upper
84 100
49 156.1 131.0 196.4
51 48.9 36.9 55.3
86 66.4 51.2 76.8





#21

Allyl Chloride

Concen: 11.581 ppbv

RT: 4.038 min Scan# 446

Delta R.T. 0.000 min

Lab File: VL040904.D

Acq: 27 Nov 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

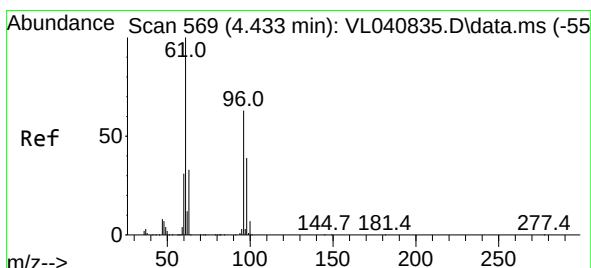
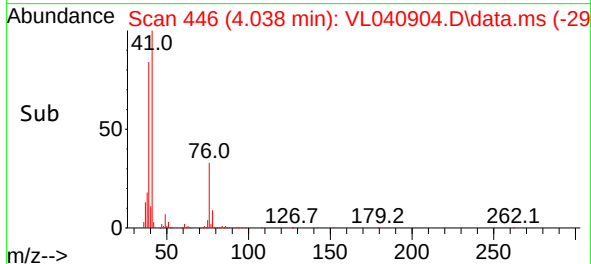
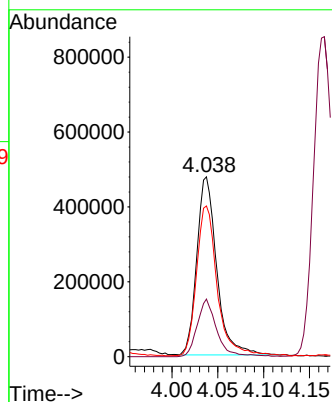
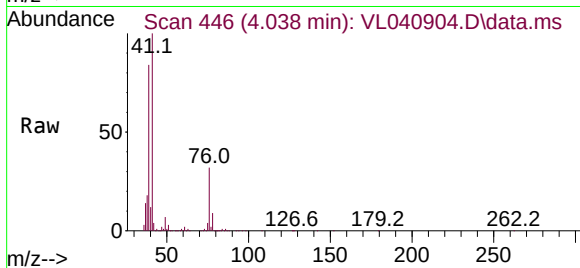
Tgt Ion: 41 Resp: 720971

Ion Ratio Lower Upper

41 100

76 31.7 24.4 36.6

39 87.8 68.1 102.1



#22

trans-1,2-Dichloroethene

Concen: 11.357 ppbv

RT: 4.485 min Scan# 585

Delta R.T. 0.000 min

Lab File: VL040904.D

Acq: 27 Nov 2023 10:58

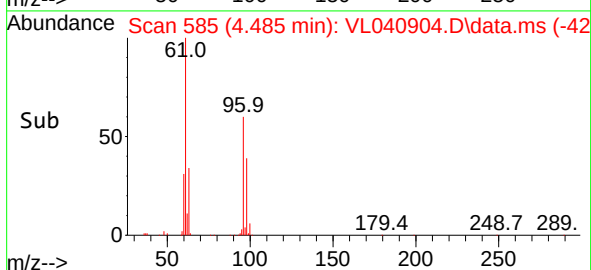
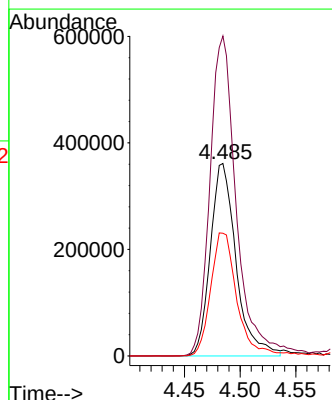
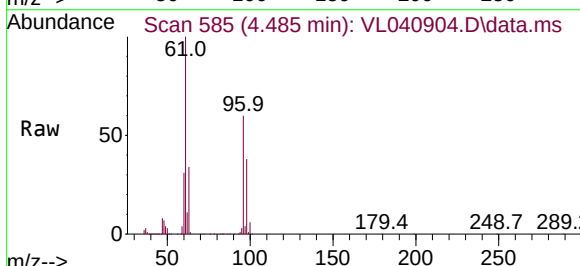
Tgt Ion: 96 Resp: 580663

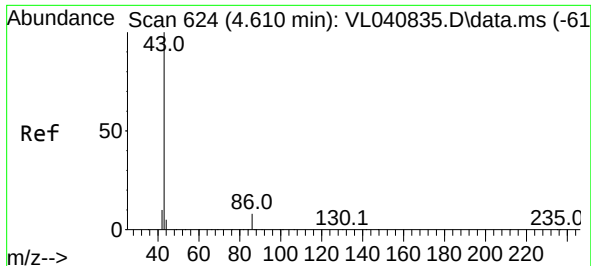
Ion Ratio Lower Upper

96 100

61 166.2 126.8 190.2

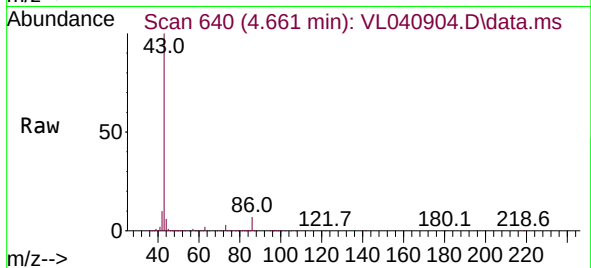
98 63.8 49.9 74.9





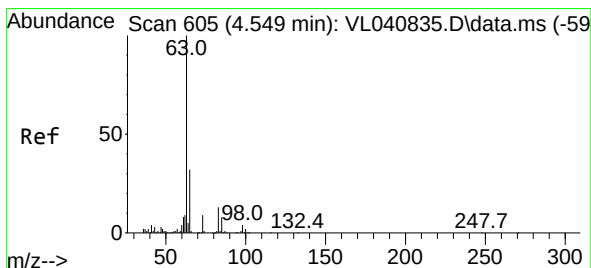
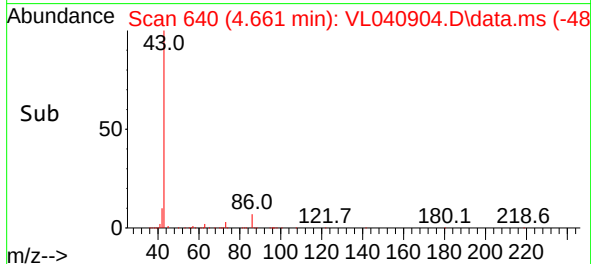
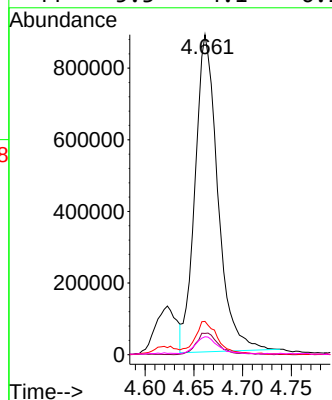
#23
Vinyl Acetate
Concen: 11.425 ppbv
RT: 4.661 min Scan# 640
Delta R.T. -0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Instrument :
MSVOA_1
ClientSampleId :



Tgt Ion: 43 Resp: 1435151

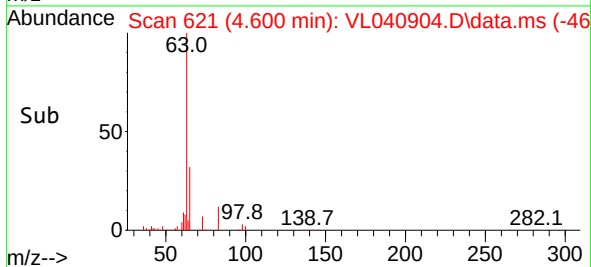
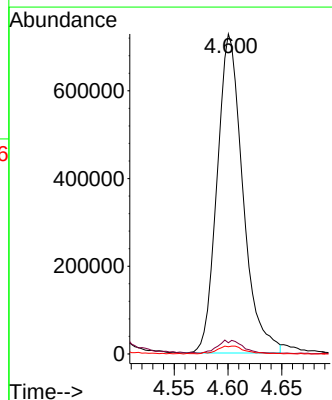
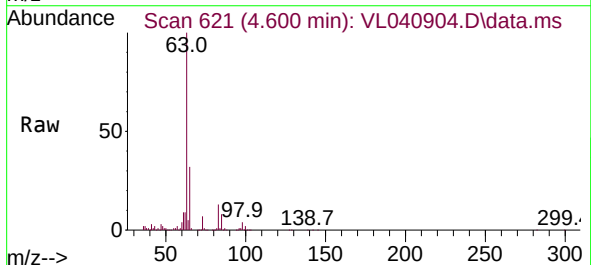
Ion	Ratio	Lower	Upper
43	100		
86	6.7	5.5	8.3
42	10.3	8.2	12.2
44	5.3	4.1	6.1

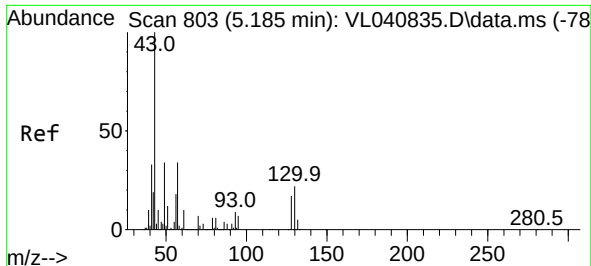


#24
1,1-Dichloroethane
Concen: 10.815 ppbv
RT: 4.600 min Scan# 621
Delta R.T. -0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Tgt Ion: 63 Resp: 1210915

Ion	Ratio	Lower	Upper
63	100		
98	3.3	2.2	6.6
100	2.1	1.0	3.0



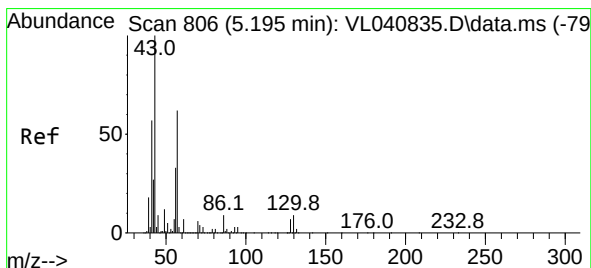
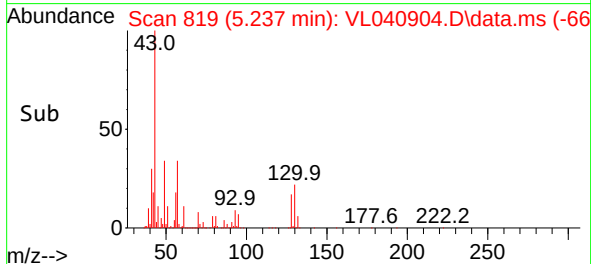
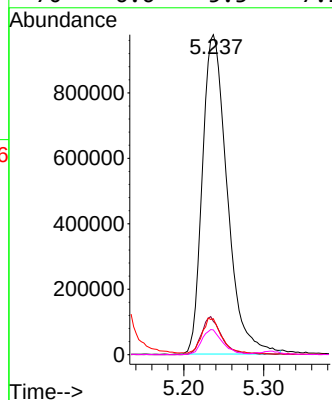
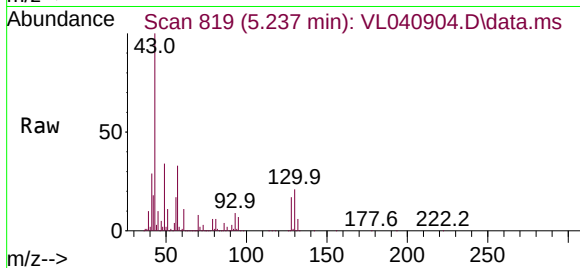


#25
Ethyl Acetate
Concen: 10.472 ppbv
RT: 5.237 min Scan# 819
Delta R.T. 0.000 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 2109275

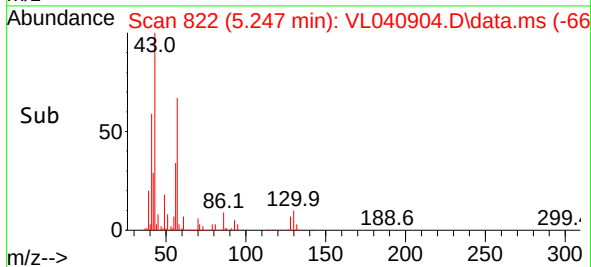
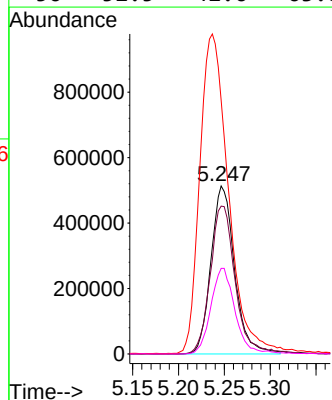
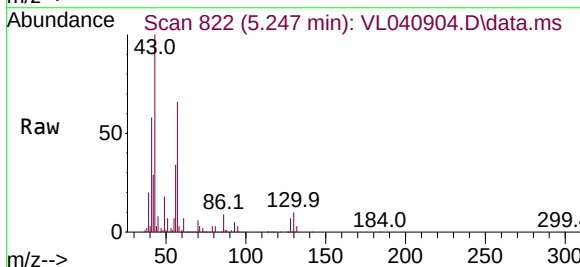
Ion	Ratio	Lower	Upper
43	100		
45	9.9	8.1	12.1
61	9.7	7.8	11.6
70	6.6	5.3	7.9

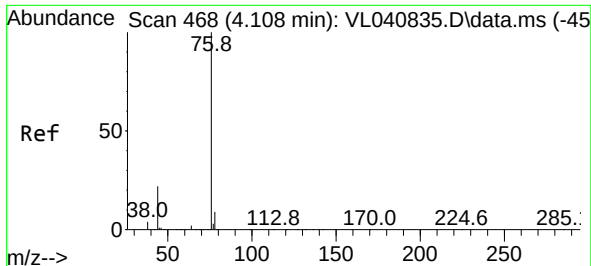


#26
Hexane
Concen: 10.316 ppbv
RT: 5.247 min Scan# 822
Delta R.T. 0.000 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Tgt Ion: 57 Resp: 919642

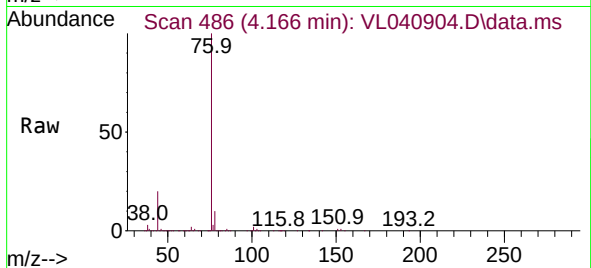
Ion	Ratio	Lower	Upper
57	100		
41	93.8	75.4	113.0
43	233.0	185.9	278.9
56	52.5	42.6	63.8





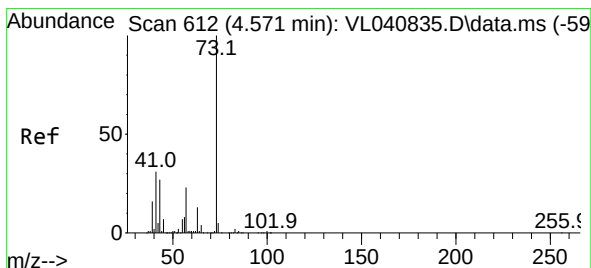
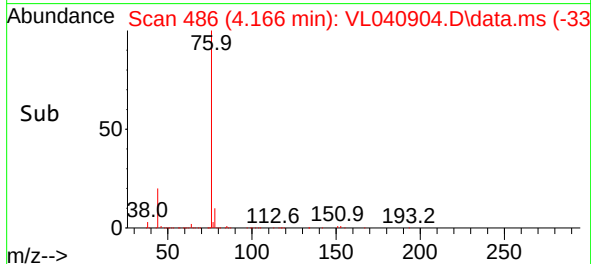
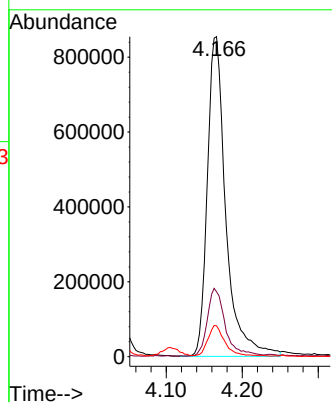
#27
Carbon Disulfide
Concen: 12.793 ppbv
RT: 4.166 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 76 Resp: 1446201

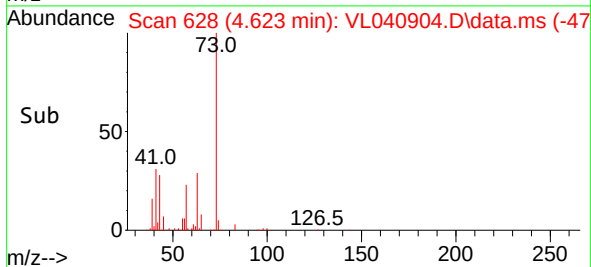
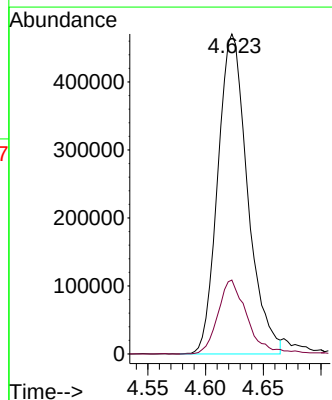
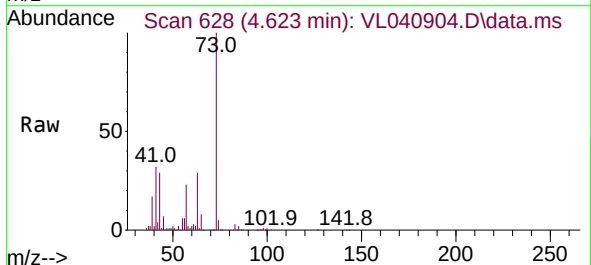
Ion	Ratio	Lower	Upper
76	100		
44	21.7	16.7	25.1
78	9.4	7.6	11.4

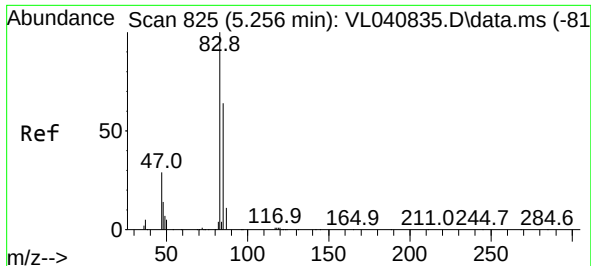


#28
Methyl tert-Butyl Ether
Concen: 10.473 ppbv
RT: 4.623 min Scan# 628
Delta R.T. -0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Tgt Ion: 73 Resp: 844349

Ion	Ratio	Lower	Upper
73	100		
57	23.2	18.0	27.0

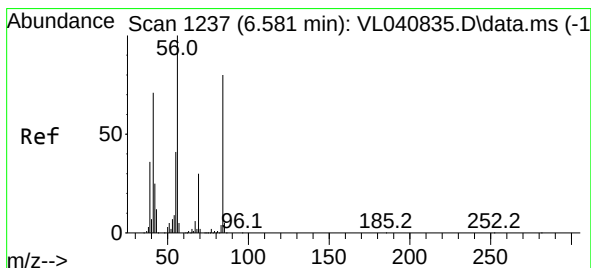
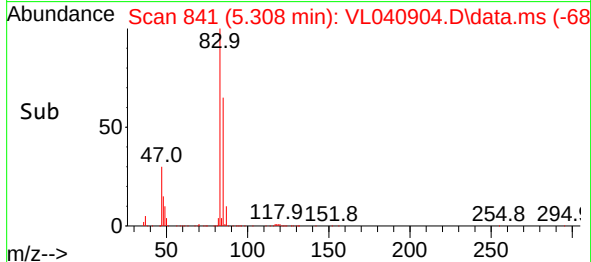
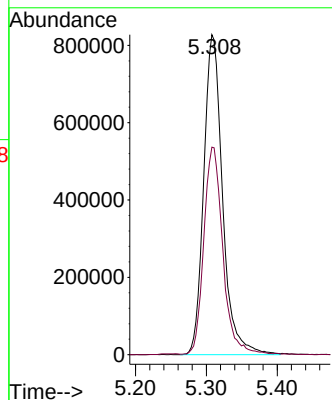
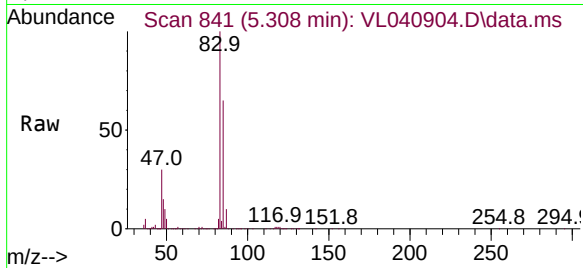




#29
Chloroform
Concen: 10.112 ppbv
RT: 5.308 min Scan# 84
Delta R.T. 0.000 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

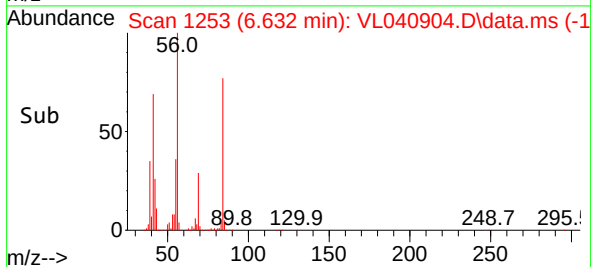
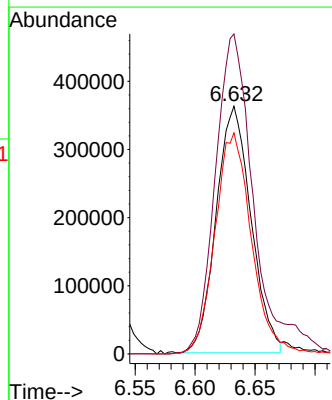
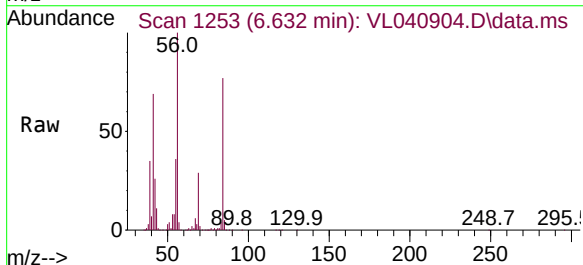
Instrument :
MSVOA_L
ClientSampleId :

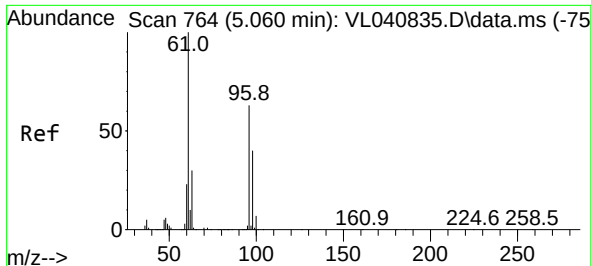
Tgt Ion: 83 Resp: 1527849
Ion Ratio Lower Upper
83 100
85 64.7 51.4 77.0



#30
Cyclohexane
Concen: 9.554 ppbv
RT: 6.632 min Scan# 1253
Delta R.T. 0.000 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Tgt Ion: 84 Resp: 732750
Ion Ratio Lower Upper
84 100
56 143.9 109.3 163.9
41 94.0 71.4 107.2

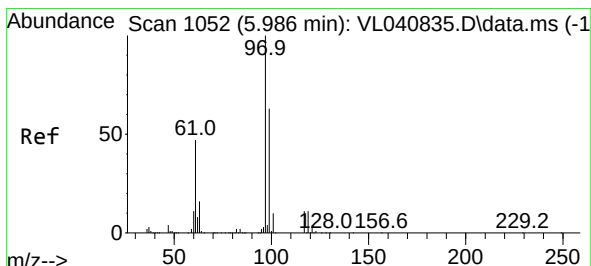
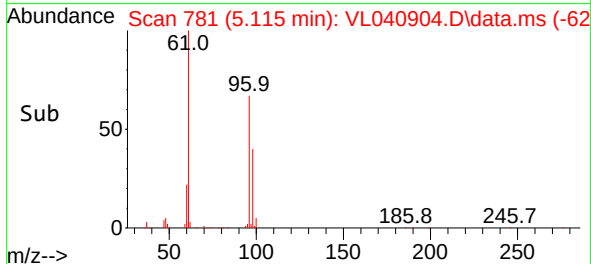
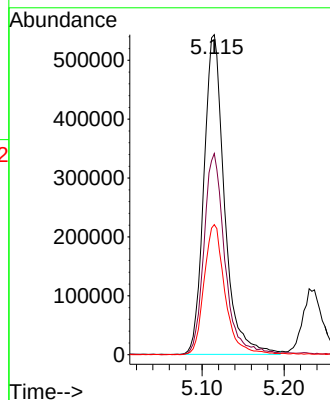
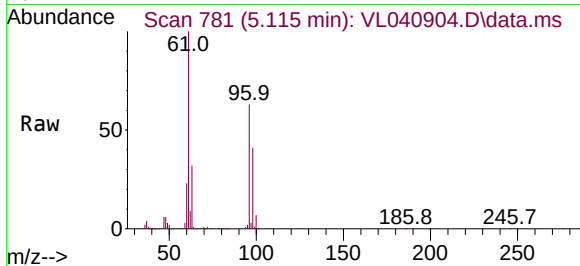




#31
 cis-1,2-Dichloroethene
 Concen: 10.737 ppbv
 RT: 5.115 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL040904.D
 Acq: 27 Nov 2023 10:58

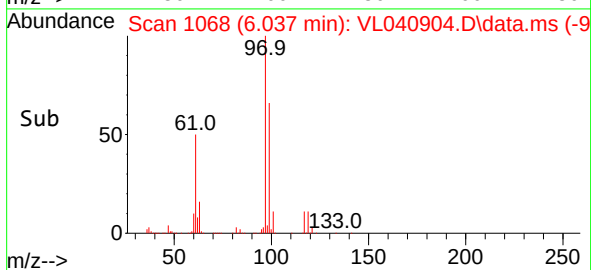
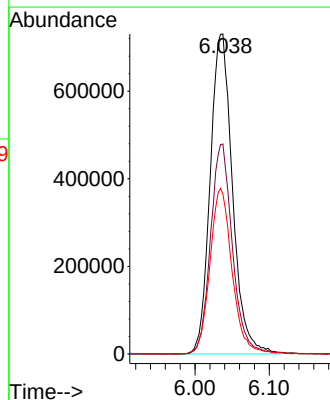
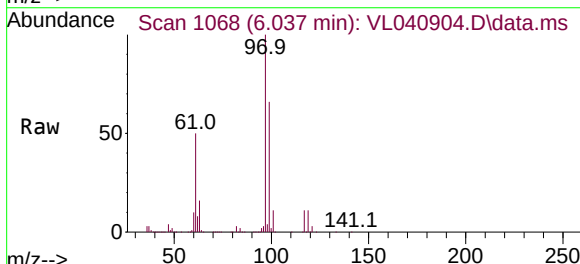
Instrument :
 MSVOA_L
 ClientSampleId :

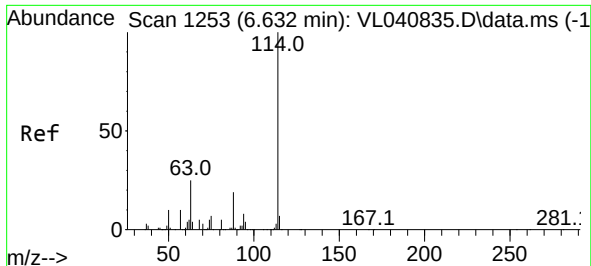
Tgt Ion: 61 Resp: 947183
 Ion Ratio Lower Upper
 61 100
 96 62.9 50.5 75.7
 98 40.7 31.9 47.9



#32
 1,1,1-Trichloroethane
 Concen: 10.814 ppbv
 RT: 6.037 min Scan# 1068
 Delta R.T. 0.003 min
 Lab File: VL040904.D
 Acq: 27 Nov 2023 10:58

Tgt Ion: 97 Resp: 1524381
 Ion Ratio Lower Upper
 97 100
 99 64.6 52.2 78.4
 61 51.6 41.0 61.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.681 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL040904.D

Acq: 27 Nov 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

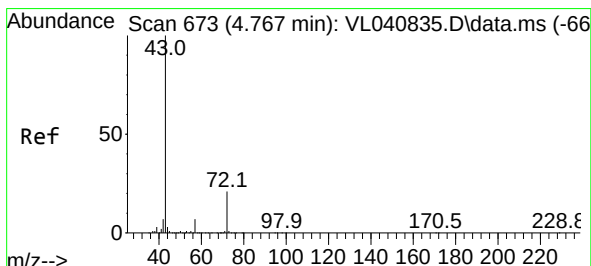
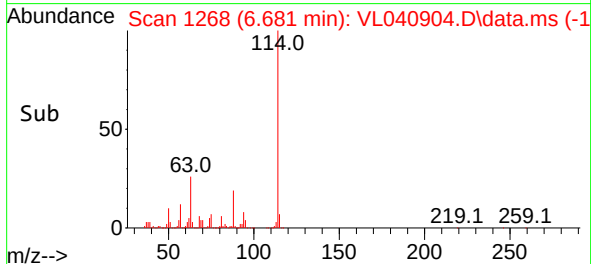
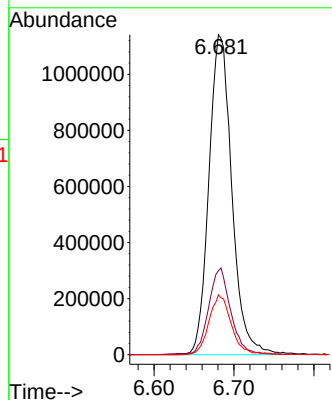
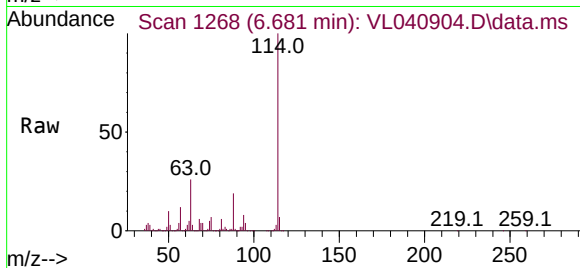
Tgt Ion:114 Resp: 2271058

Ion Ratio Lower Upper

114 100

63 26.7 20.9 31.3

88 18.2 14.3 21.5



#34

2-Butanone

Concen: 11.405 ppbv

RT: 4.819 min Scan# 689

Delta R.T. -0.003 min

Lab File: VL040904.D

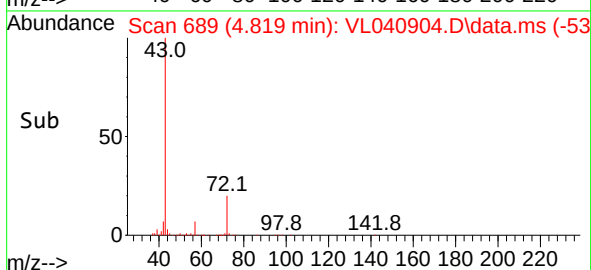
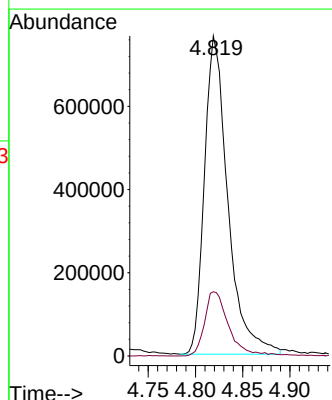
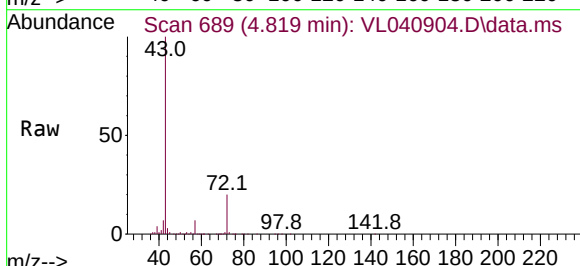
Acq: 27 Nov 2023 10:58

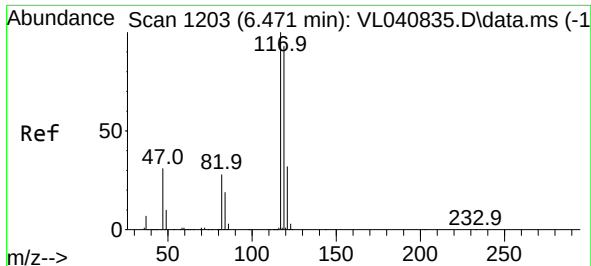
Tgt Ion: 43 Resp: 1319571

Ion Ratio Lower Upper

43 100

72 21.1 17.2 25.8

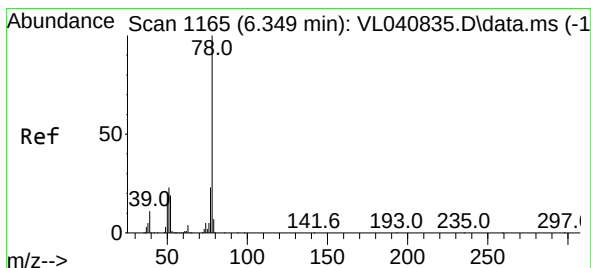
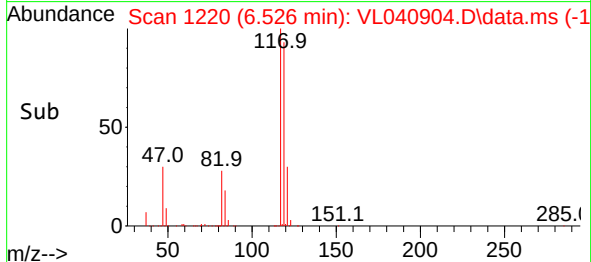
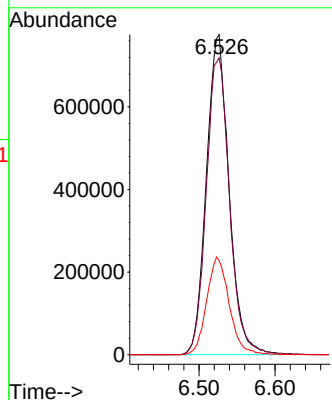
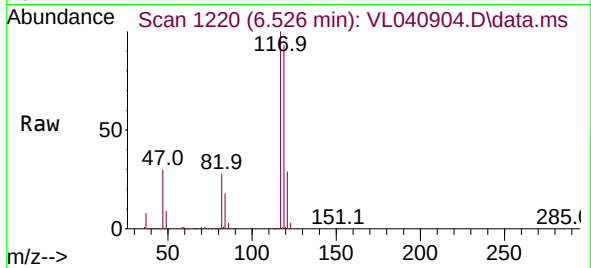




#35
Carbon Tetrachloride
Concen: 11.517 ppbv
RT: 6.526 min Scan# 1180
Delta R.T. 0.007 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

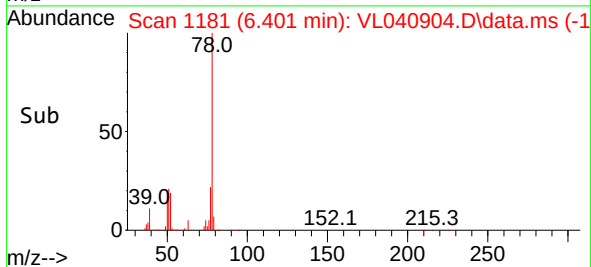
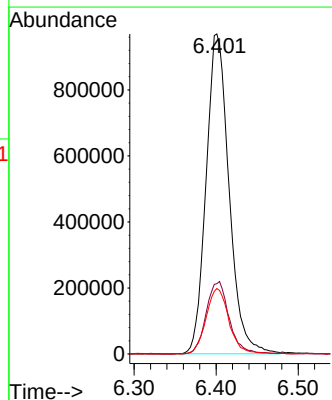
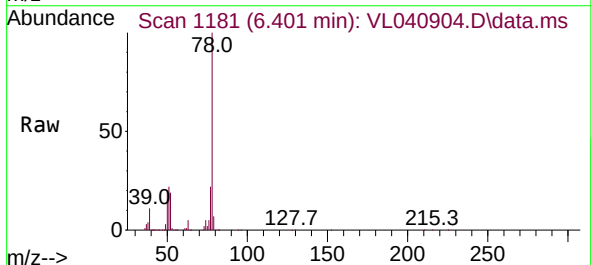
Instrument :
MSVOA_L
ClientSampleId :

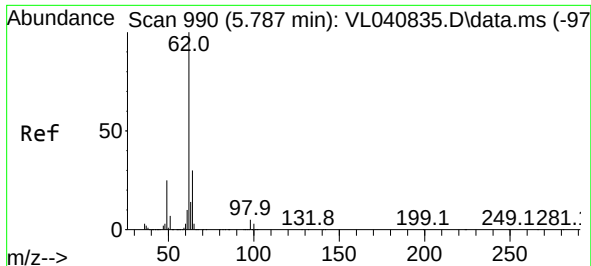
Tgt Ion:117 Resp: 1604730
Ion Ratio Lower Upper
117 100
119 92.7 74.7 112.1
121 29.4 25.5 38.3



#36
Benzene
Concen: 10.220 ppbv
RT: 6.401 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Tgt Ion: 78 Resp: 1883734
Ion Ratio Lower Upper
78 100
77 21.8 18.4 27.6
50 20.4 16.2 24.2





#37

1,2-Dichloroethane

Concen: 10.722 ppbv

RT: 5.838 min Scan# 1

Delta R.T. 0.000 min

Lab File: VL040904.D

Acq: 27 Nov 2023 10:58

Instrument :

MSVOA_L

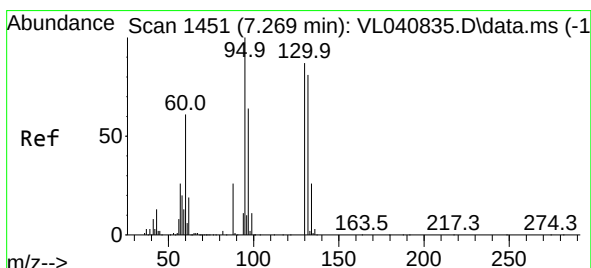
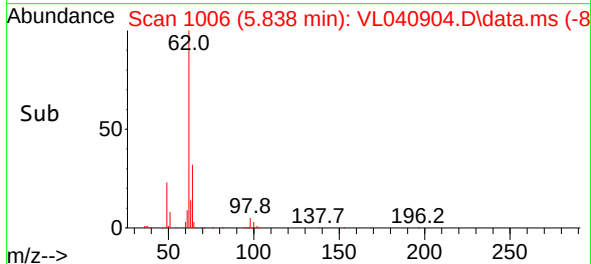
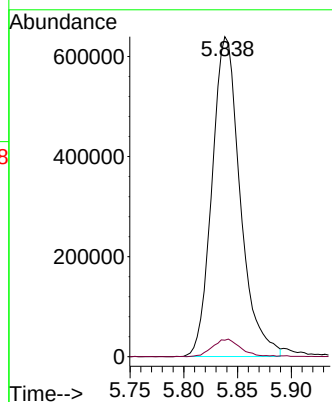
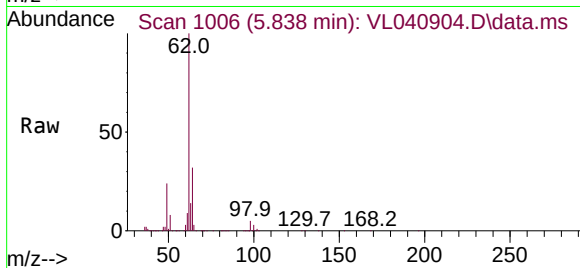
ClientSampleId :

Tgt Ion: 62 Resp: 1165634

Ion Ratio Lower Upper

62 100

98 5.7 4.6 6.8



#38

Trichloroethene

Concen: 9.884 ppbv

RT: 7.317 min Scan# 1466

Delta R.T. 0.000 min

Lab File: VL040904.D

Acq: 27 Nov 2023 10:58

Tgt Ion:130 Resp: 708111

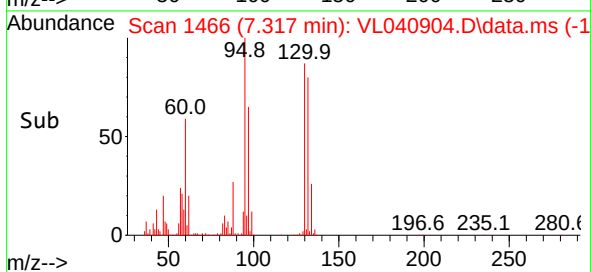
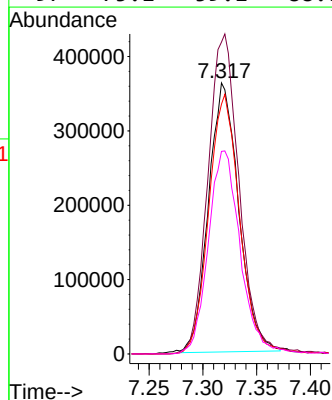
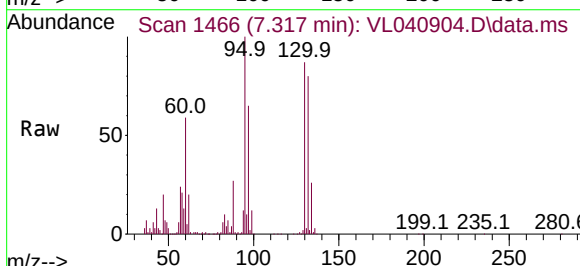
Ion Ratio Lower Upper

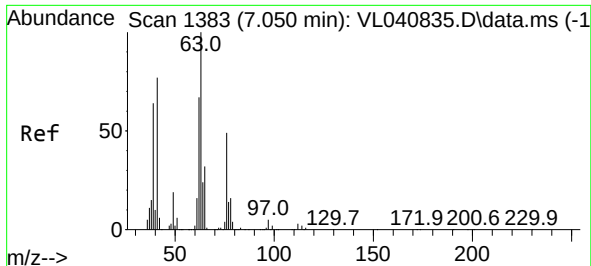
130 100

95 115.4 92.4 138.6

132 92.7 75.1 112.7

97 75.1 59.1 88.7





#39

1,2-Dichloropropane

Concen: 10.187 ppbv

RT: 7.099 min Scan# 1463

Delta R.T. 0.000 min

Lab File: VL040904.D

Acq: 27 Nov 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

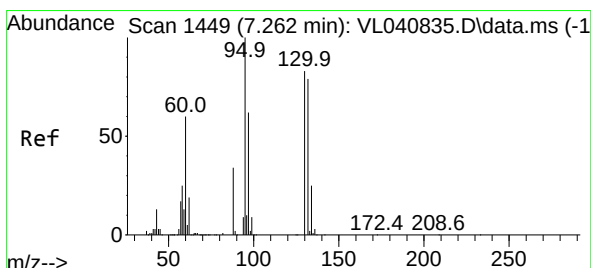
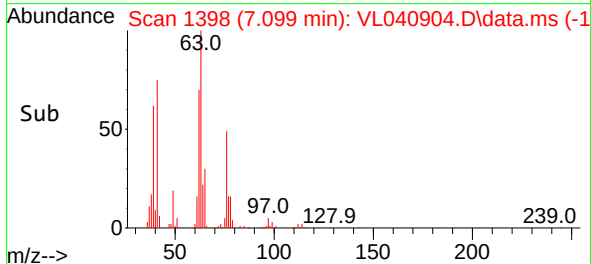
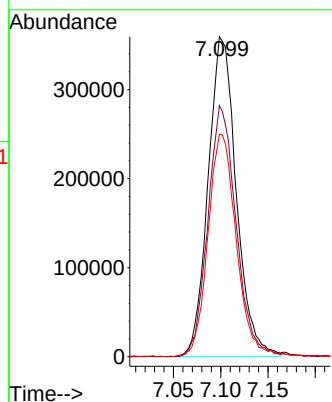
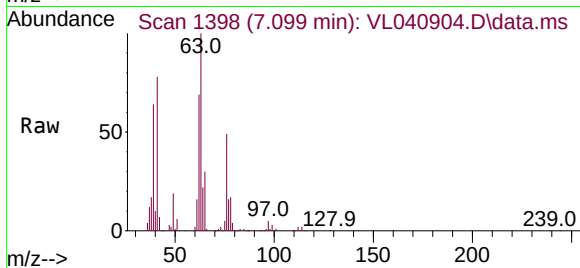
Tgt Ion: 63 Resp: 744510

Ion Ratio Lower Upper

63 100

41 78.1 61.5 92.3

62 69.2 53.9 80.9



#40

1,4-Dioxane

Concen: 10.267 ppbv

RT: 7.308 min Scan# 1463

Delta R.T. -0.003 min

Lab File: VL040904.D

Acq: 27 Nov 2023 10:58

Tgt Ion: 88 Resp: 297717

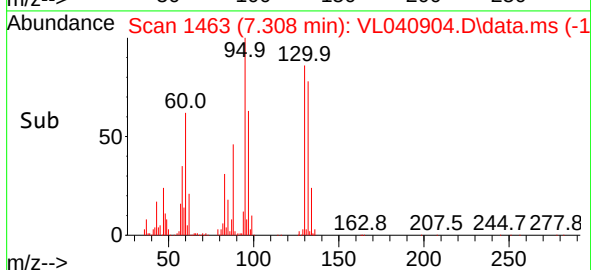
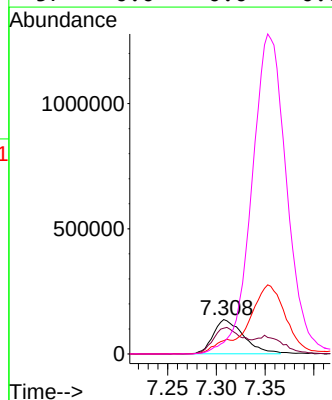
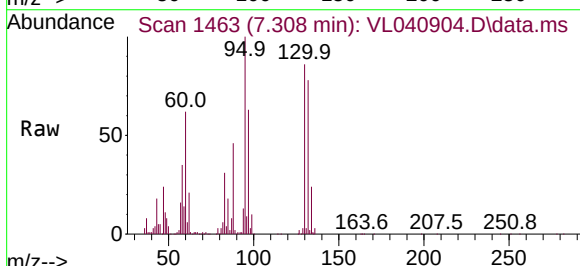
Ion Ratio Lower Upper

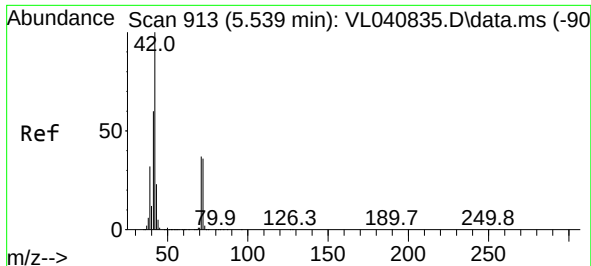
88 100

58 75.0 101.0 151.6#

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 10.964 ppbv

RT: 5.587 min Scan# 913

Delta R.T. -0.003 min

Lab File: VL040904.D

Acq: 27 Nov 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

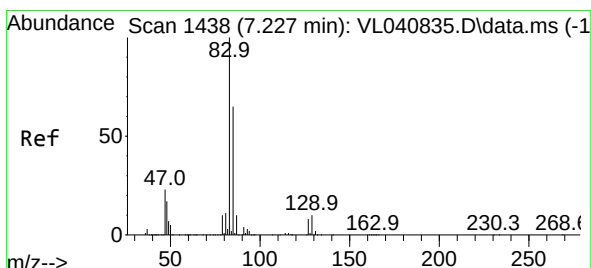
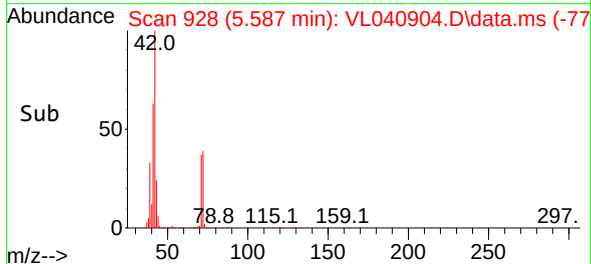
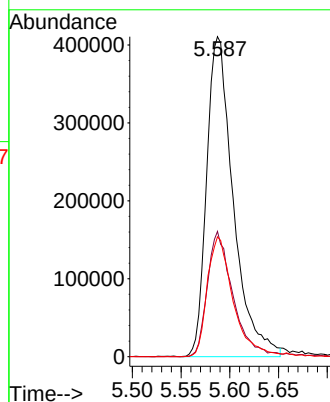
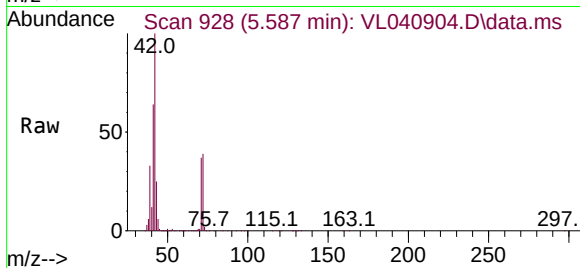
Tgt Ion: 42 Resp: 780963

Ion Ratio Lower Upper

42 100

72 38.4 30.8 46.2

71 37.0 30.0 45.0



#42

Bromodichloromethane

Concen: 10.906 ppbv

RT: 7.279 min Scan# 1454

Delta R.T. 0.003 min

Lab File: VL040904.D

Acq: 27 Nov 2023 10:58

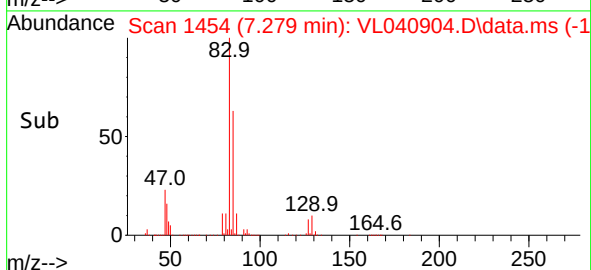
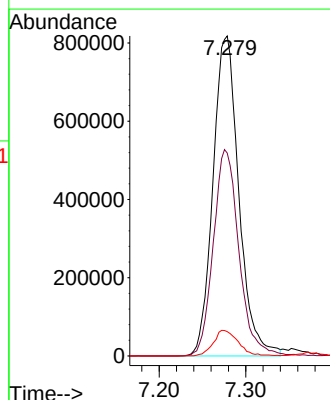
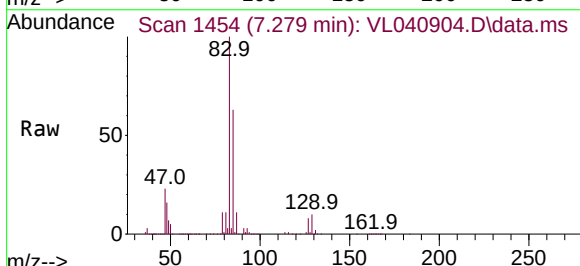
Tgt Ion: 83 Resp: 1696658

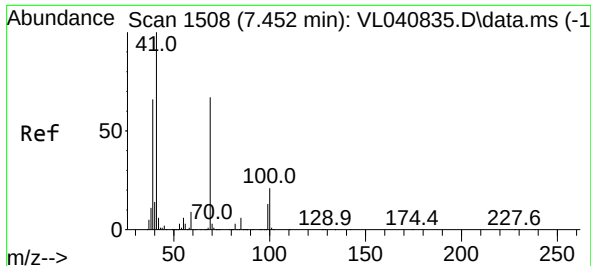
Ion Ratio Lower Upper

83 100

85 63.4 52.3 78.5

127 7.6 6.6 10.0

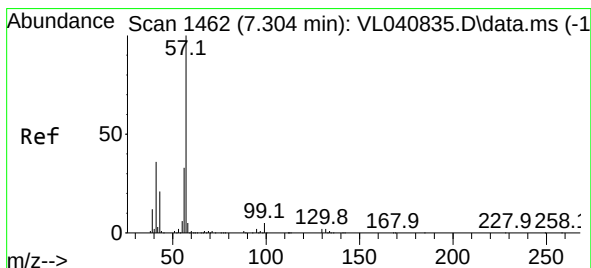
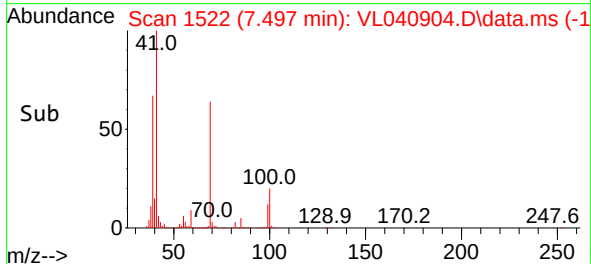
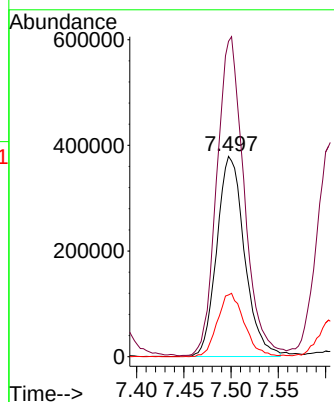
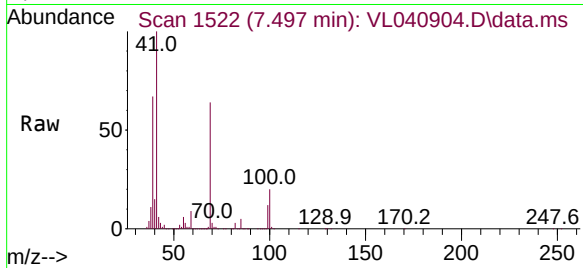




#43
Methyl Methacrylate
Concen: 11.000 ppbv
RT: 7.497 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

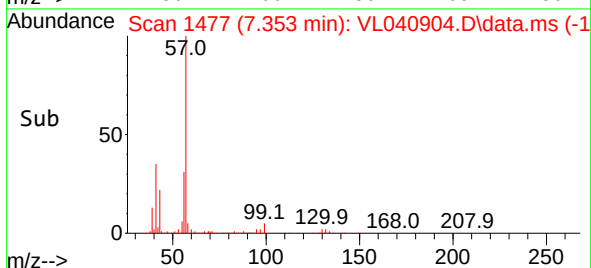
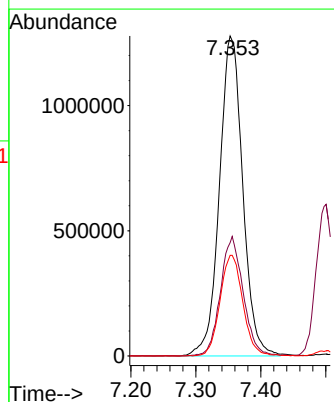
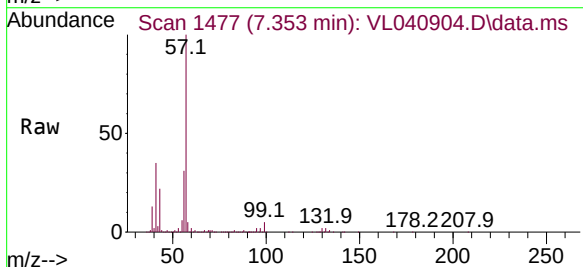
Instrument :
MSVOA_L
ClientSampleId :

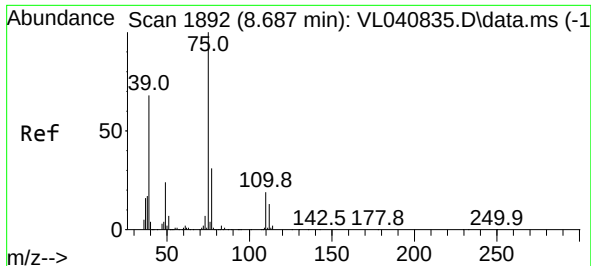
Tgt Ion: 69 Resp: 772601
Ion Ratio Lower Upper
69 100
41 157.4 123.0 184.4
100 31.0 25.4 38.2



#44
2,2,4-Trimethylpentane
Concen: 10.390 ppbv
RT: 7.353 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Tgt Ion: 57 Resp: 3181191
Ion Ratio Lower Upper
57 100
41 36.5 29.0 43.6
56 30.8 25.2 37.8

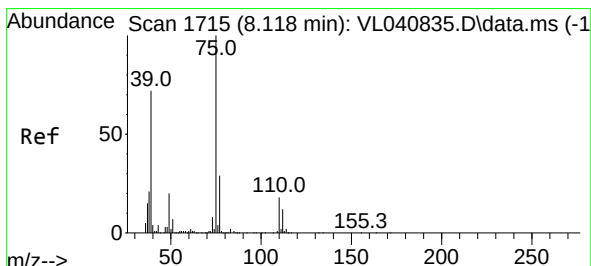
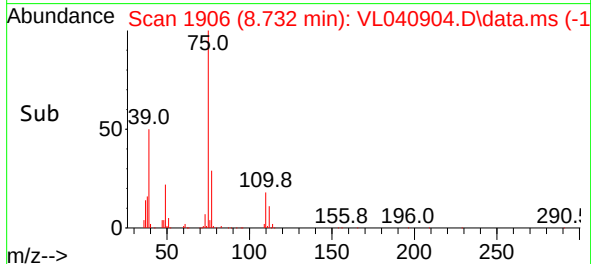
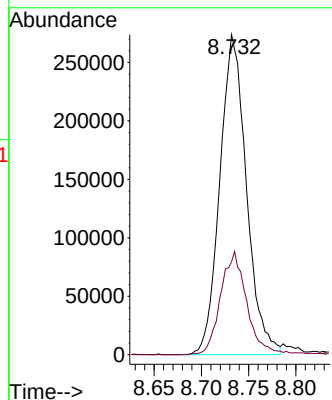
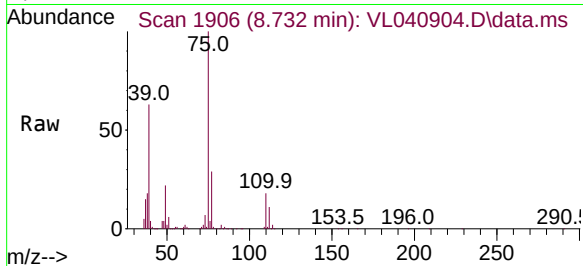




#45
 t-1,3-Dichloropropene
 Concen: 12.989 ppbv
 RT: 8.732 min Scan# 1906
 Delta R.T. 0.000 min
 Lab File: VL040904.D
 Acq: 27 Nov 2023 10:58

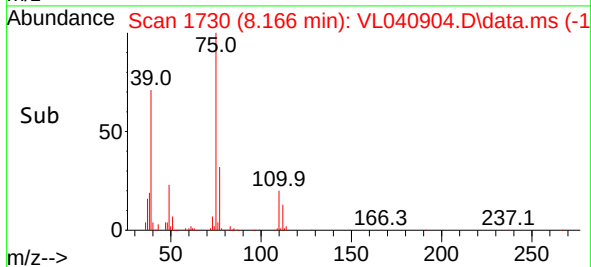
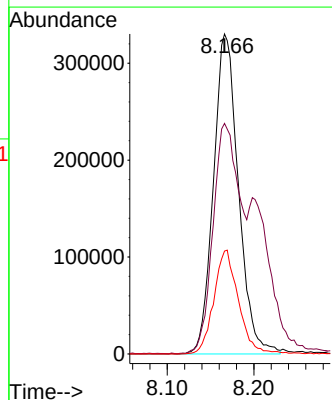
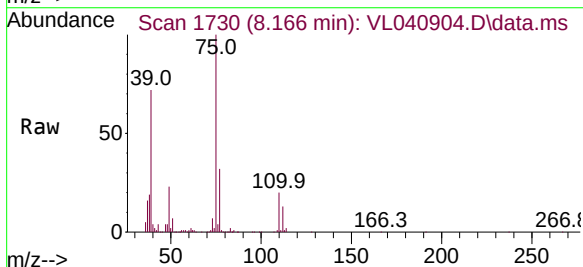
Instrument :
 MSVOA_L
 ClientSampleId :

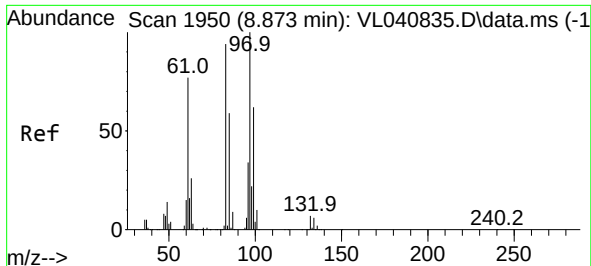
Tgt Ion: 75 Resp: 536132
 Ion Ratio Lower Upper
 75 100
 77 29.0 24.9 37.3



#46
 cis-1,3-Dichloropropene
 Concen: 12.359 ppbv
 RT: 8.166 min Scan# 1730
 Delta R.T. -0.003 min
 Lab File: VL040904.D
 Acq: 27 Nov 2023 10:58

Tgt Ion: 75 Resp: 661435
 Ion Ratio Lower Upper
 75 100
 39 71.9 57.3 85.9
 77 32.1 23.0 34.6



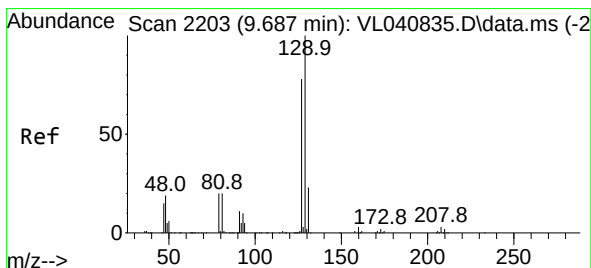
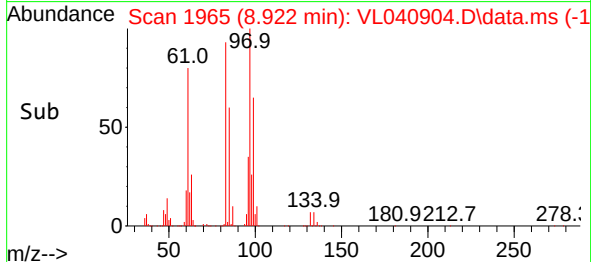
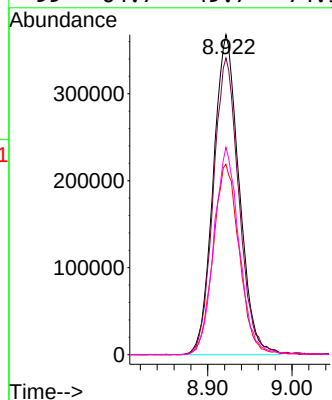
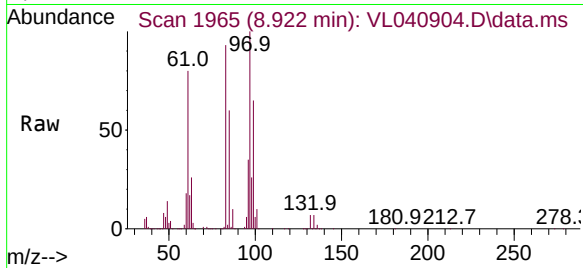


#47
1,1,2-Trichloroethane
Concen: 10.222 ppbv
RT: 8.922 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 97 Resp: 782785

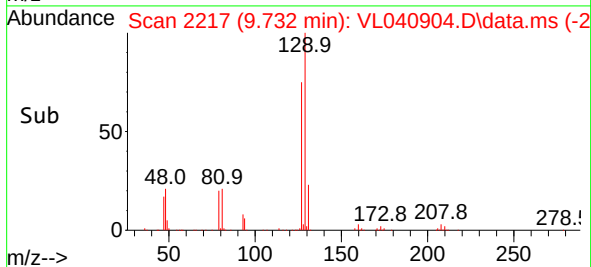
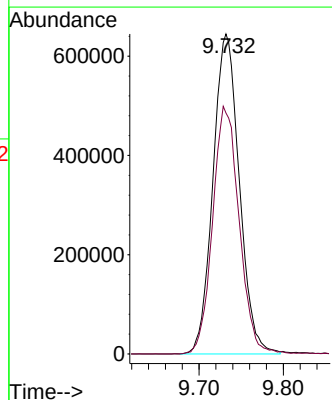
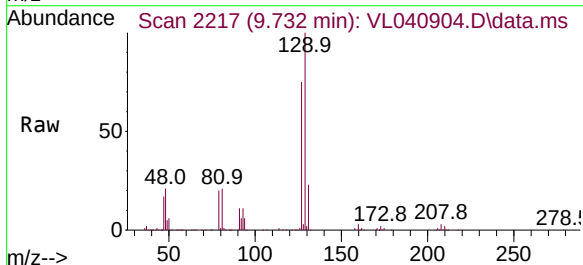
Ion	Ratio	Lower	Upper
97	100		
83	92.6	74.8	112.2
85	59.5	47.4	71.0
99	64.7	49.7	74.5

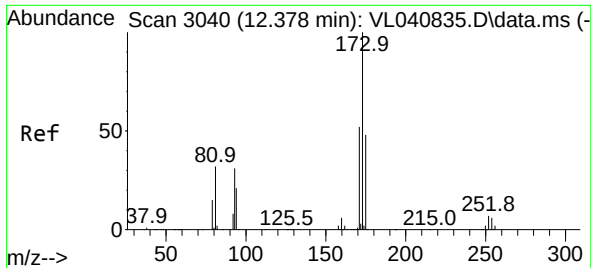


#48
Dibromochloromethane
Concen: 11.003 ppbv
RT: 9.732 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Tgt Ion: 129 Resp: 1398087

Ion	Ratio	Lower	Upper
129	100		
127	78.0	39.3	117.9

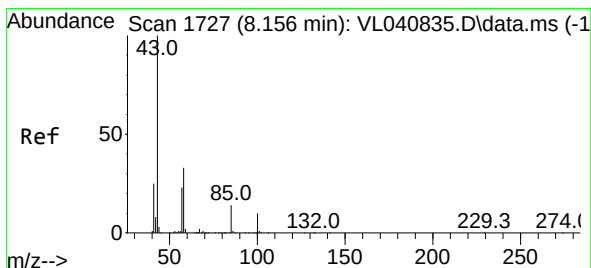
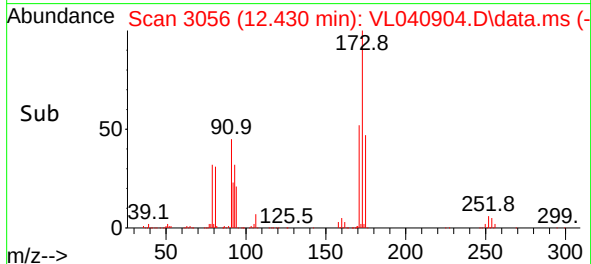
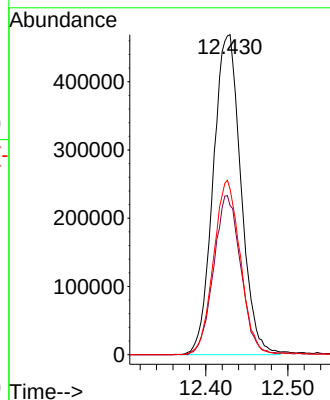
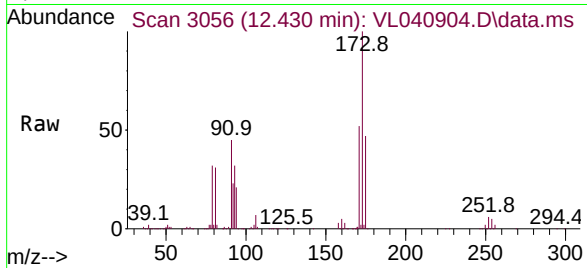




#49
Bromoform
Concen: 11.533 ppbv
RT: 12.430 min Scan# 3040
Delta R.T. 0.007 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

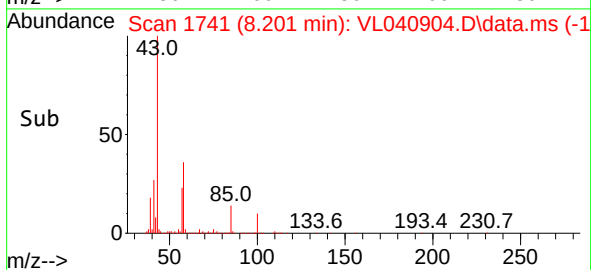
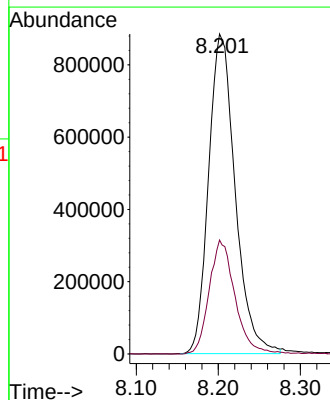
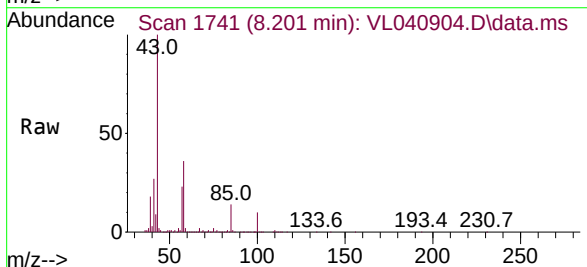
Instrument :
MSVOA_L
ClientSampleId :

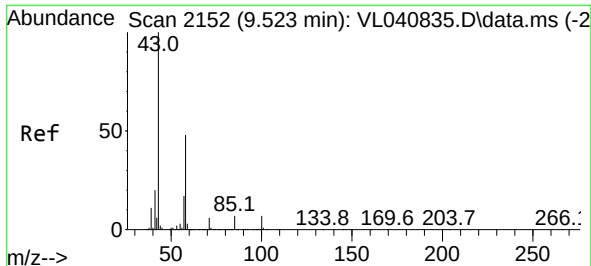
Tgt Ion:173 Resp: 1102233
Ion Ratio Lower Upper
173 100
175 48.9 39.0 58.6
171 53.0 41.8 62.6



#50
4-Methyl-2-Pentanone
Concen: 11.120 ppbv
RT: 8.201 min Scan# 1741
Delta R.T. 0.000 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Tgt Ion: 43 Resp: 1990939
Ion Ratio Lower Upper
43 100
58 34.8 27.8 41.6

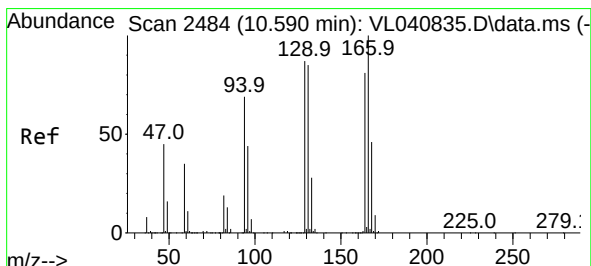
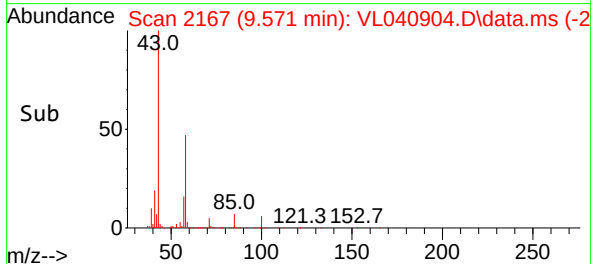
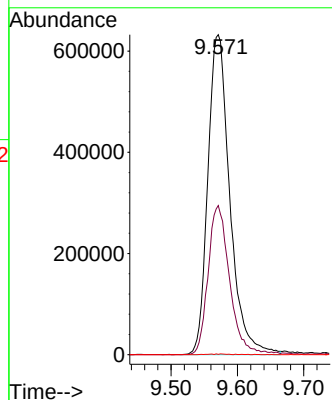
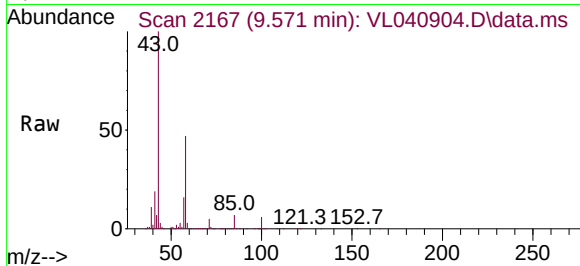




#51
2-Hexanone
Concen: 11.542 ppbv
RT: 9.571 min Scan# 2152
Delta R.T. 0.000 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

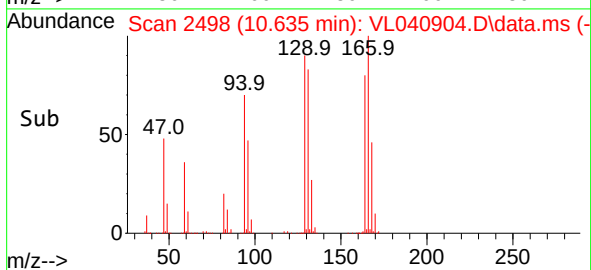
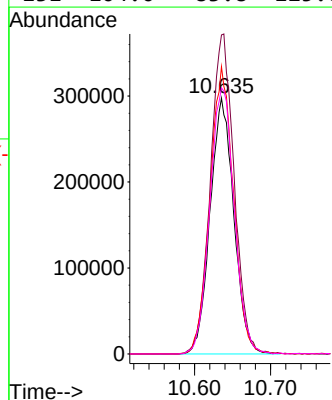
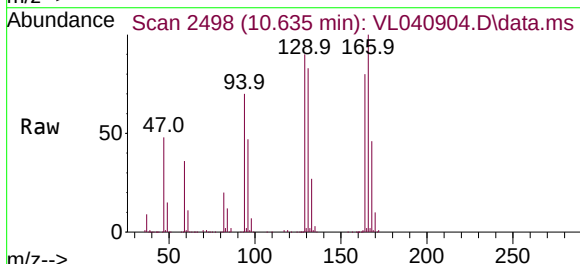
Instrument :
MSVOA_L
ClientSampleId :

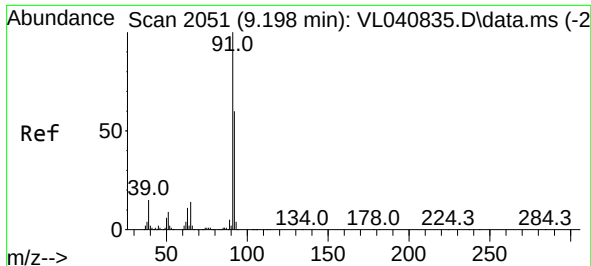
Tgt Ion: 43 Resp: 1456762
Ion Ratio Lower Upper
43 100
58 46.0 37.4 56.2
98 0.3 0.2 0.2#



#52
Tetrachloroethene
Concen: 10.349 ppbv
RT: 10.635 min Scan# 2498
Delta R.T. 0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Tgt Ion:164 Resp: 642321
Ion Ratio Lower Upper
164 100
166 124.6 98.3 147.5
129 112.2 85.1 127.7
131 104.0 83.8 125.6

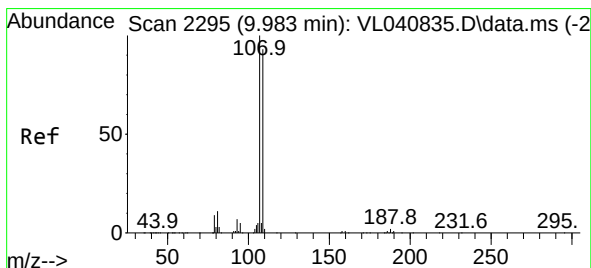
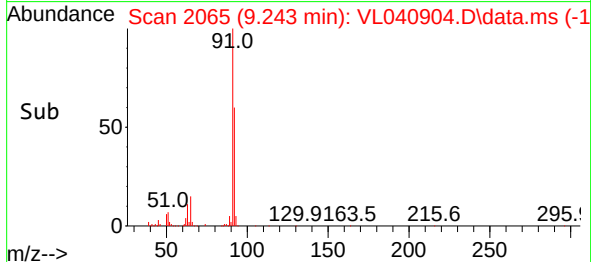
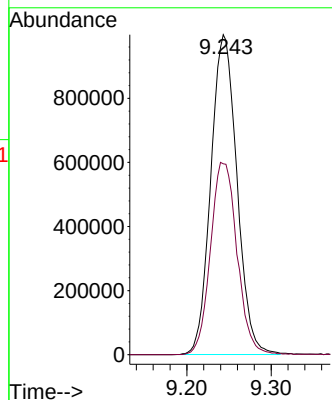
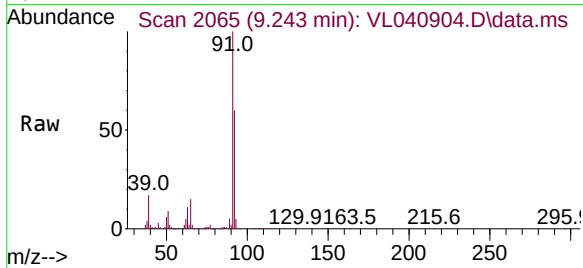




#53
Toluene
Concen: 10.597 ppbv
RT: 9.243 min Scan# 2051
Delta R.T. 0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

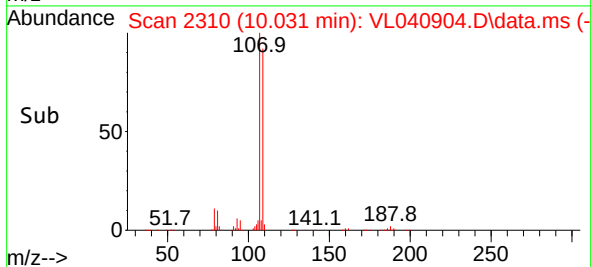
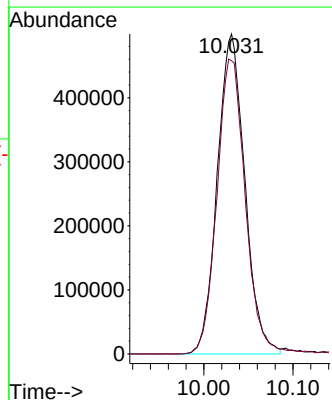
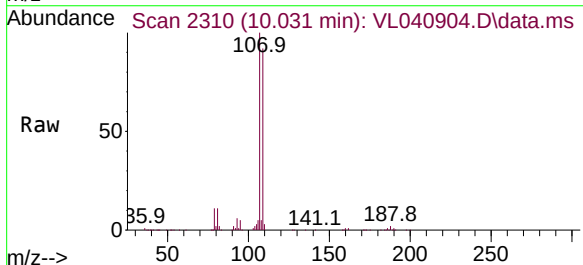
Instrument :
MSVOA_L
ClientSampleId :

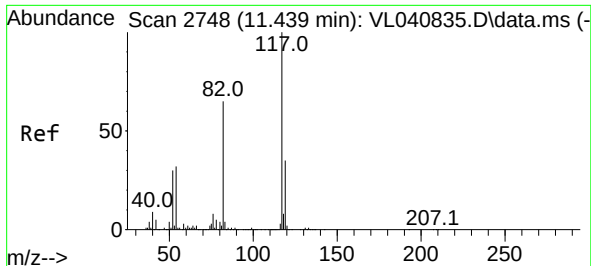
Tgt Ion: 91 Resp: 2149314
Ion Ratio Lower Upper
91 100
92 61.3 49.4 74.2



#54
1,2-Dibromoethane
Concen: 10.878 ppbv
RT: 10.031 min Scan# 2310
Delta R.T. 0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Tgt Ion: 107 Resp: 1072058
Ion Ratio Lower Upper
107 100
109 91.6 74.5 111.7

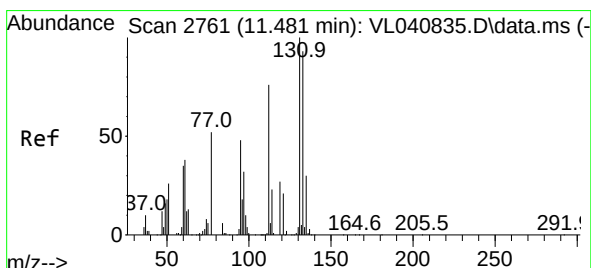
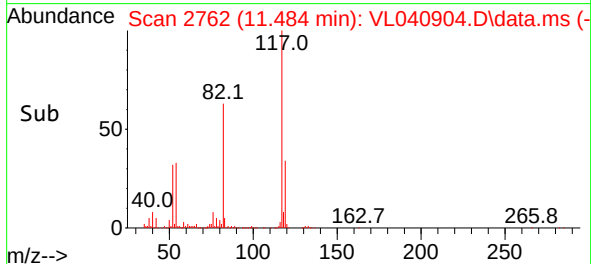
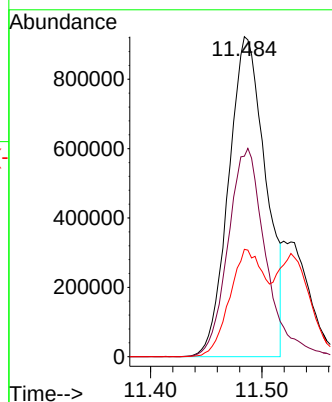
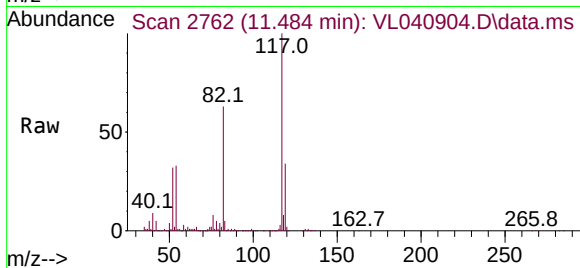




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.484 min Scan# 2762
Delta R.T. 0.000 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

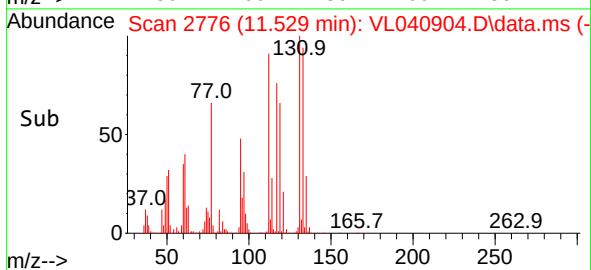
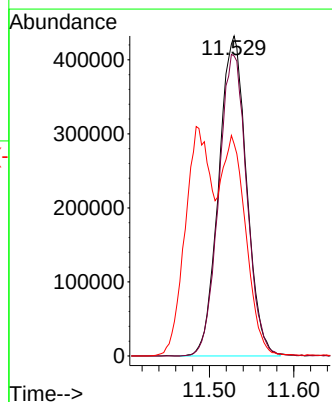
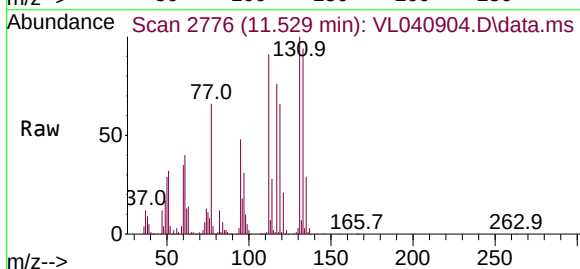
Instrument :
MSVOA_L
ClientSampleId :

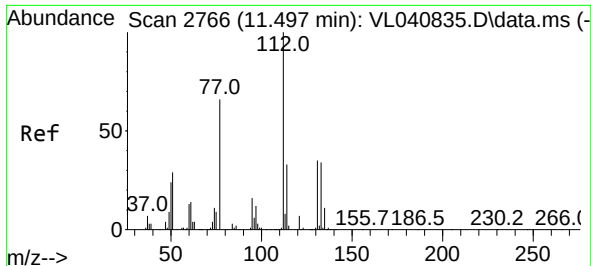
Tgt Ion:117 Resp: 2138941
Ion Ratio Lower Upper
117 100
82 66.3 50.6 75.8
119 33.3 23.3 34.9



#56
1,1,1,2-Tetrachloroethane
Concen: 10.793 ppbv
RT: 11.529 min Scan# 2776
Delta R.T. 0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

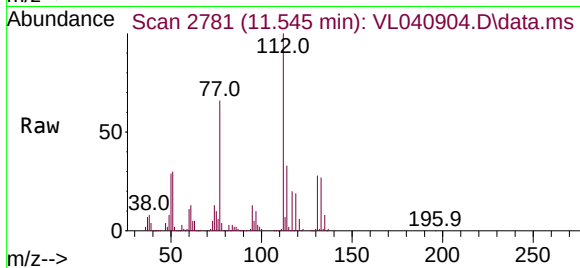
Tgt Ion:131 Resp: 988057
Ion Ratio Lower Upper
131 100
133 95.4 76.4 114.6
119 63.8 51.1 76.7



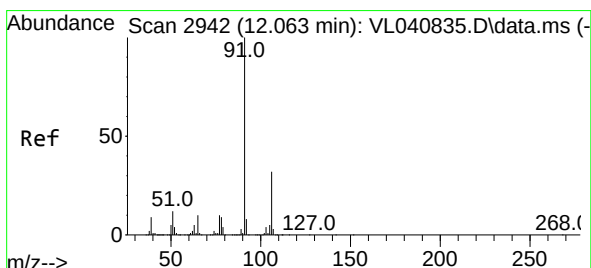
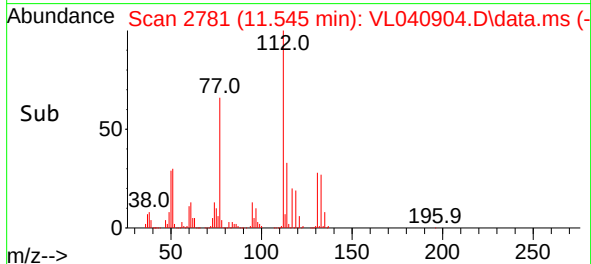
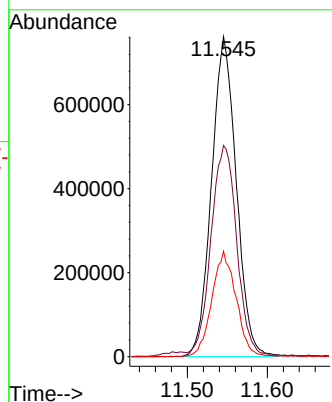


#57
Chlorobenzene
Concen: 10.309 ppbv
RT: 11.545 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Instrument :
MSVOA_L
ClientSampleId :

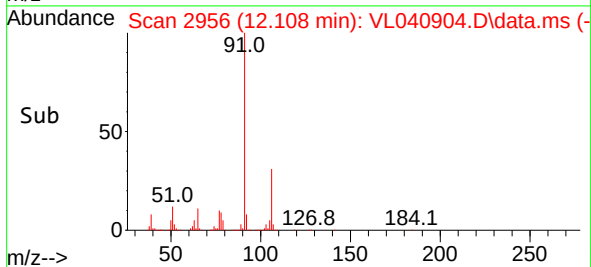
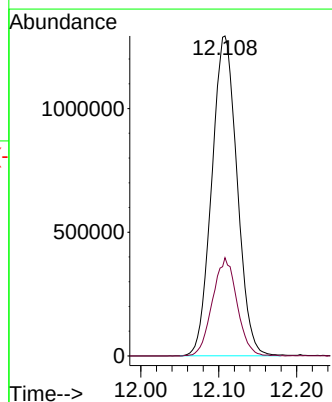
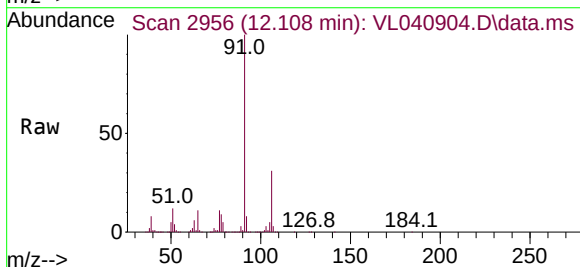


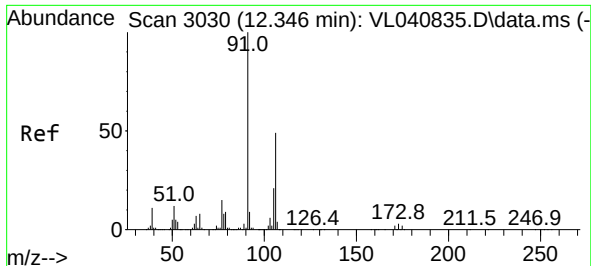
Tgt Ion:112 Resp: 1634362
Ion Ratio Lower Upper
112 100
77 65.7 53.3 79.9
114 32.9 29.3 35.9



#58
Ethyl Benzene
Concen: 10.448 ppbv
RT: 12.108 min Scan# 2956
Delta R.T. 0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Tgt Ion: 91 Resp: 2915690
Ion Ratio Lower Upper
91 100
106 30.7 25.2 37.8





#59

m/p-Xylene

Concen: 10.616 ppbv

RT: 12.391 min Scan# 3030

Delta R.T. 0.007 min

Lab File: VL040904.D

Acq: 27 Nov 2023 10:58

Instrument :

MSVOA_L

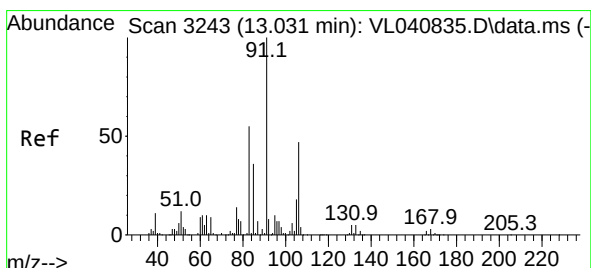
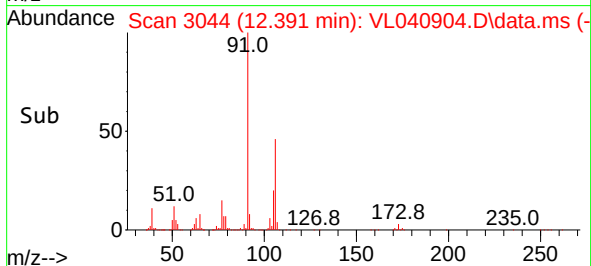
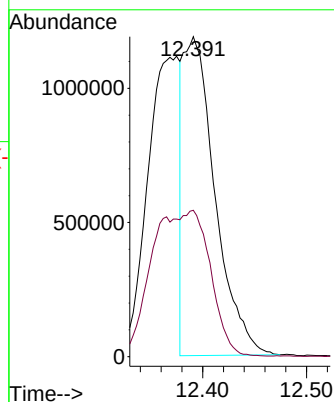
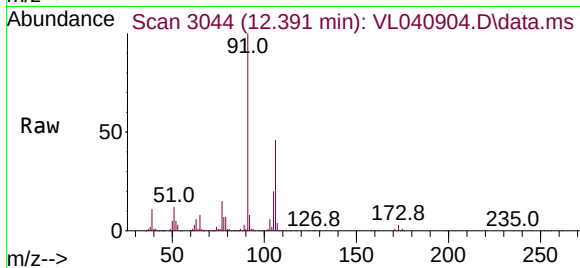
ClientSampleId :

Tgt Ion: 91 Resp: 2522981

Ion Ratio Lower Upper

91 100

106 84.9 35.4 53.0#



#60

o-Xylene

Concen: 10.404 ppbv

RT: 13.076 min Scan# 3257

Delta R.T. 0.000 min

Lab File: VL040904.D

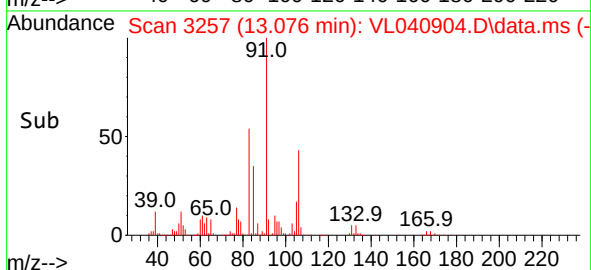
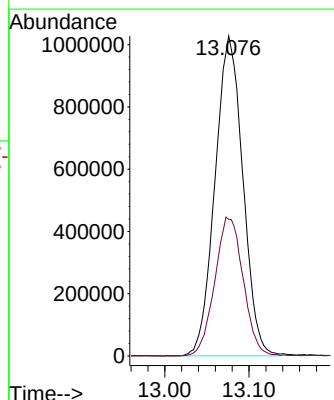
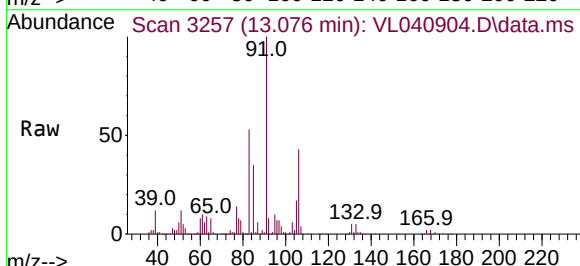
Acq: 27 Nov 2023 10:58

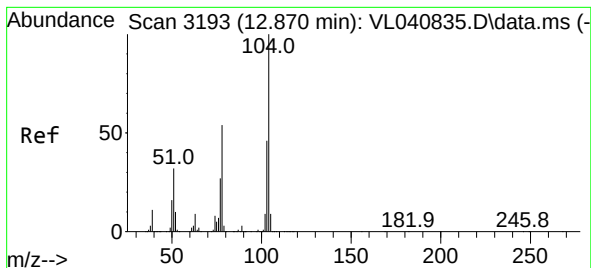
Tgt Ion: 91 Resp: 2353879

Ion Ratio Lower Upper

91 100

106 44.5 22.9 68.5





#61

Styrene

Concen: 10.948 ppbv

RT: 12.915 min Scan# 3193

Delta R.T. 0.000 min

Lab File: VL040904.D

Acq: 27 Nov 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

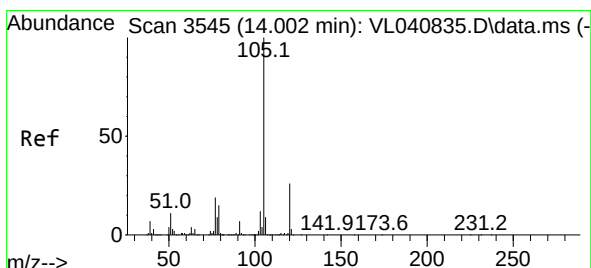
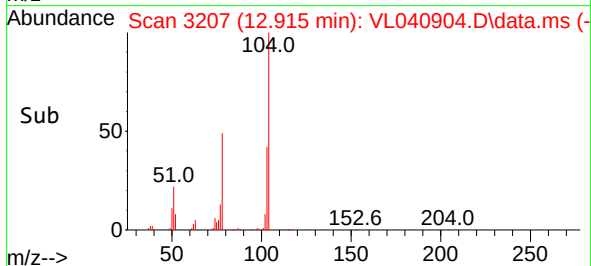
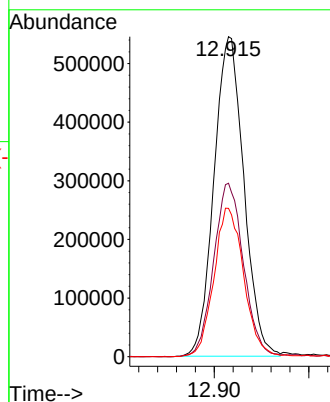
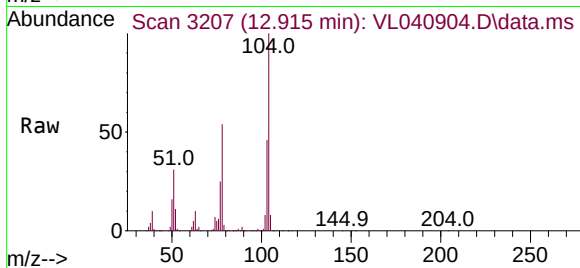
Tgt Ion:104 Resp: 1194507

Ion Ratio Lower Upper

104 100

78 54.7 43.3 64.9

103 47.0 37.6 56.4



#62

Isopropylbenzene

Concen: 10.116 ppbv

RT: 14.047 min Scan# 3559

Delta R.T. 0.003 min

Lab File: VL040904.D

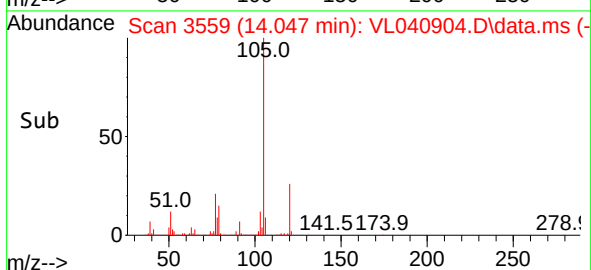
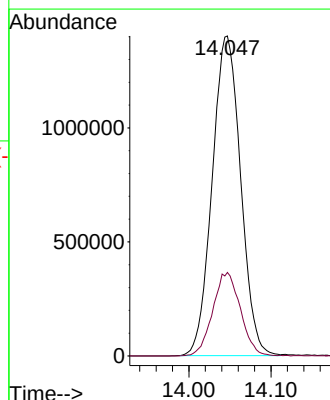
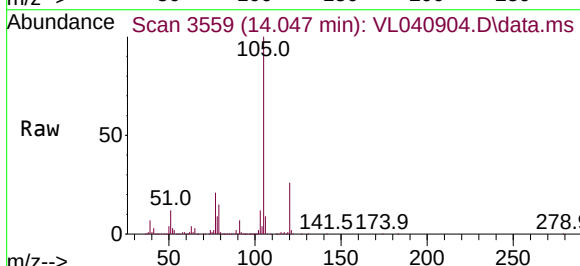
Acq: 27 Nov 2023 10:58

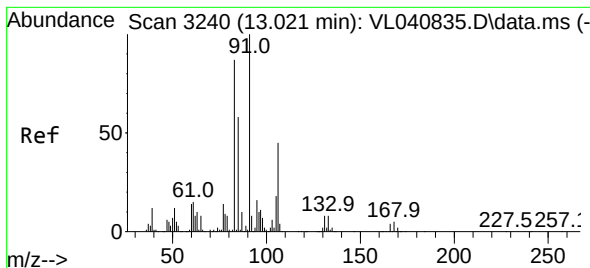
Tgt Ion:105 Resp: 3381110

Ion Ratio Lower Upper

105 100

120 25.5 20.7 31.1

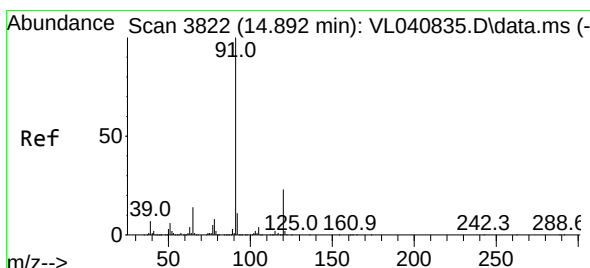
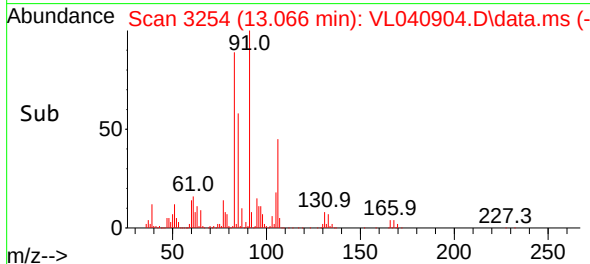
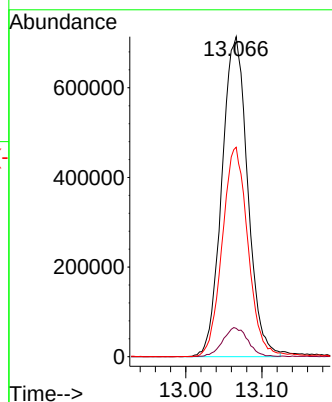
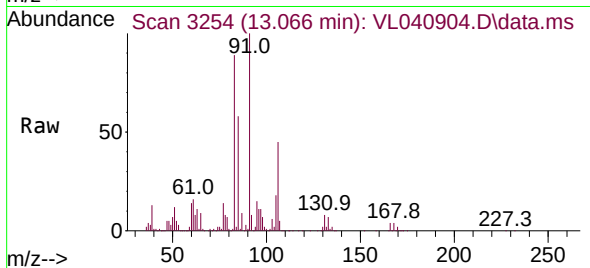




#63
1,1,2,2-Tetrachloroethane
Concen: 10.493 ppbv
RT: 13.066 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

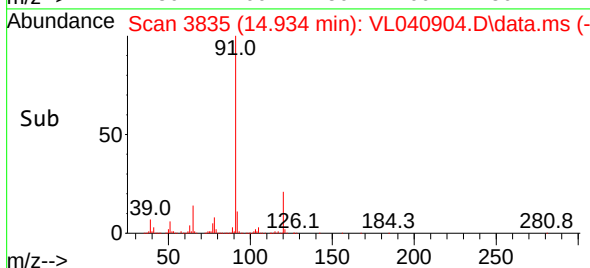
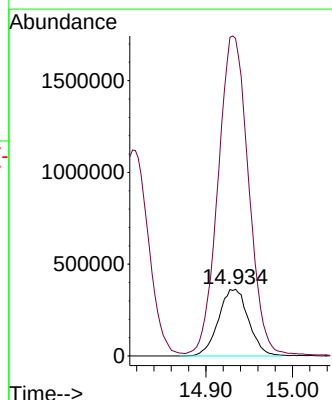
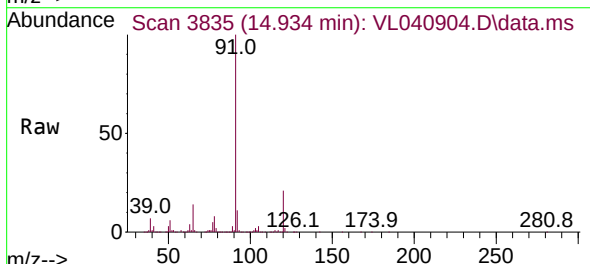
Instrument :
MSVOA_L
ClientSampleId :

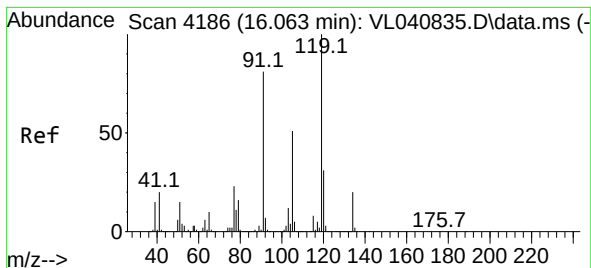
Tgt Ion: 83 Resp: 1682552
Ion Ratio Lower Upper
83 100
131 8.9 4.5 13.7
85 66.0 32.9 98.7



#64
n-propylbenzene
Concen: 10.430 ppbv
RT: 14.934 min Scan# 3835
Delta R.T. 0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Tgt Ion:120 Resp: 873767
Ion Ratio Lower Upper
120 100
91 491.3 381.1 571.7

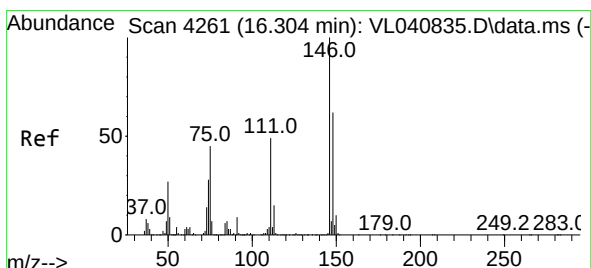
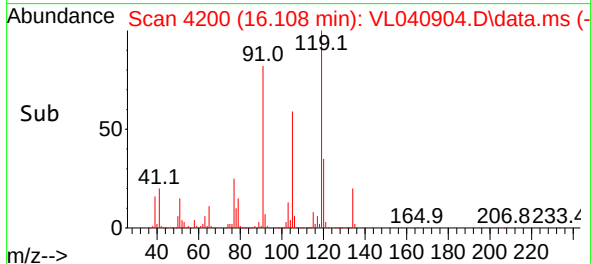
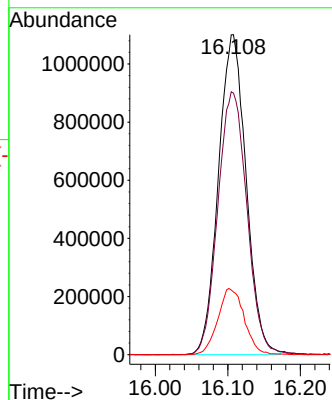
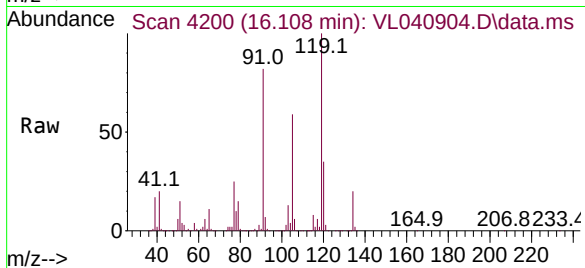




#65
tert-Butylbenzene
Concen: 10.356 ppbv
RT: 16.108 min Scan# 4186
Delta R.T. 0.007 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

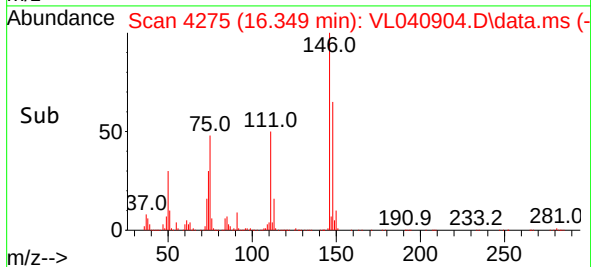
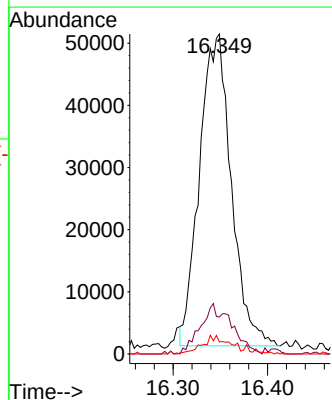
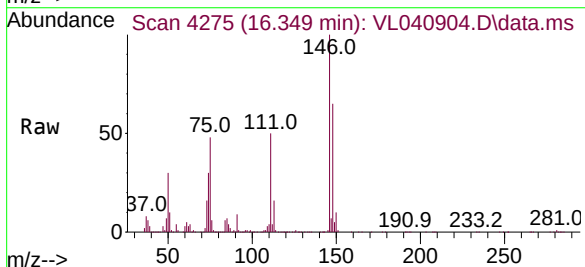
Instrument :
MSVOA_L
ClientSampleId :

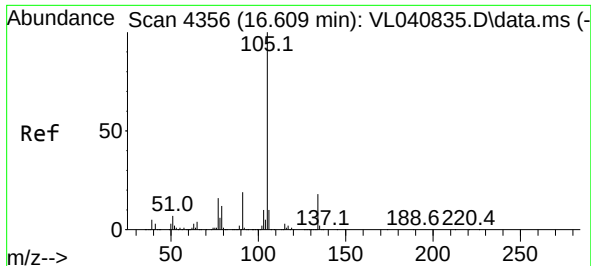
Tgt Ion:119 Resp: 2918715
Ion Ratio Lower Upper
119 100
91 86.3 67.5 101.3
134 19.8 15.9 23.9



#66
Benzyl Chloride
Concen: 11.274 ppbv
RT: 16.349 min Scan# 4275
Delta R.T. 0.007 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Tgt Ion: 91 Resp: 117080
Ion Ratio Lower Upper
91 100
126 16.0 12.8 19.2
128 5.8 0.0 0.0#

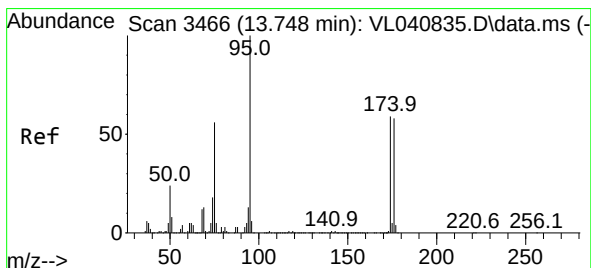
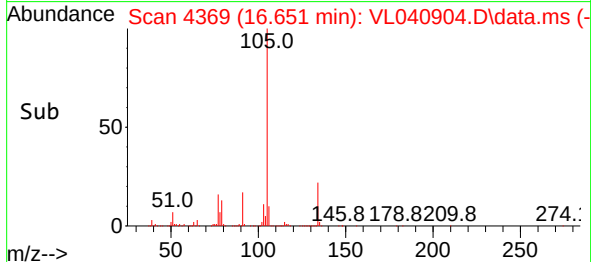
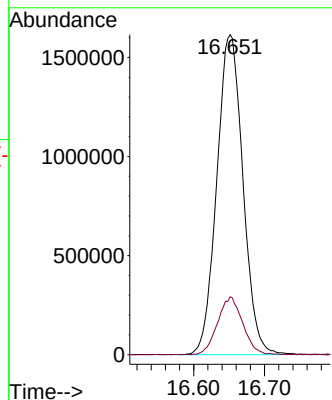
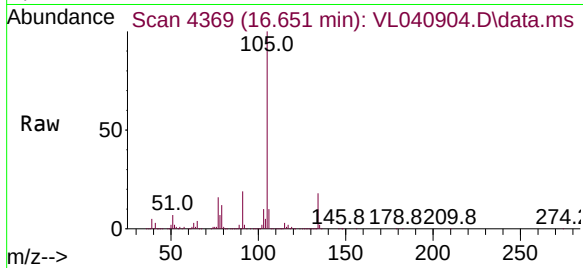




#67
 sec-Butylbenzene
 Concen: 10.274 ppbv
 RT: 16.651 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL040904.D
 Acq: 27 Nov 2023 10:58

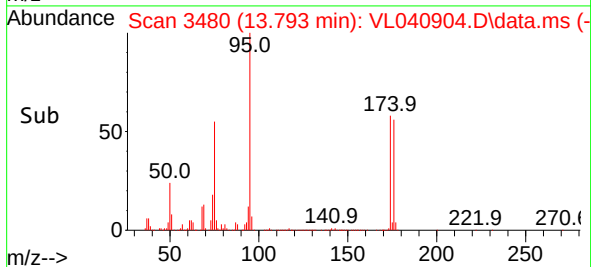
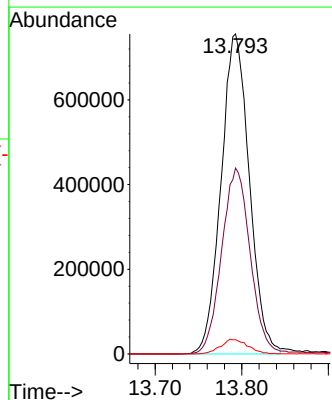
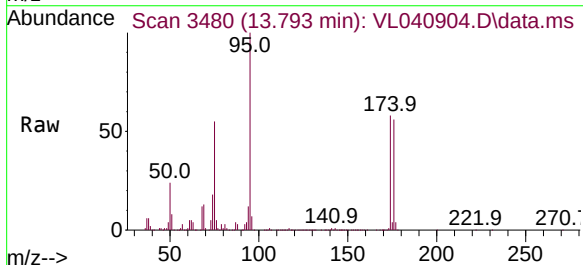
Instrument :
 MSVOA_L
 ClientSampleId :

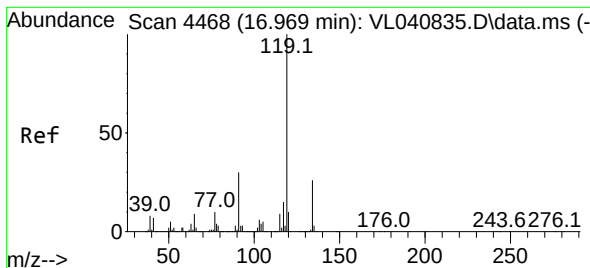
Tgt Ion:105 Resp: 4136147
 Ion Ratio Lower Upper
 105 100
 134 17.5 14.3 21.5



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.239 ppbv
 RT: 13.793 min Scan# 3480
 Delta R.T. 0.000 min
 Lab File: VL040904.D
 Acq: 27 Nov 2023 10:58

Tgt Ion: 95 Resp: 1714632
 Ion Ratio Lower Upper
 95 100
 174 59.3 47.5 71.3
 175 4.4 3.6 5.4





#69

p-Isopropyltoluene

Concen: 10.331 ppbv

RT: 17.008 min Scan# 4468

Delta R.T. 0.000 min

Lab File: VL040904.D

Acq: 27 Nov 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

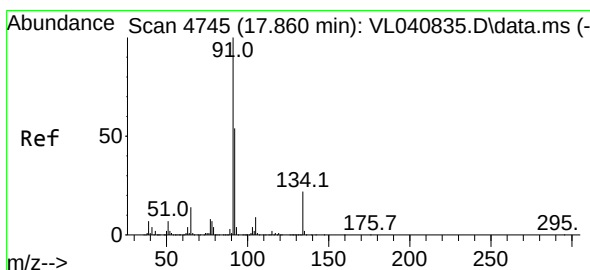
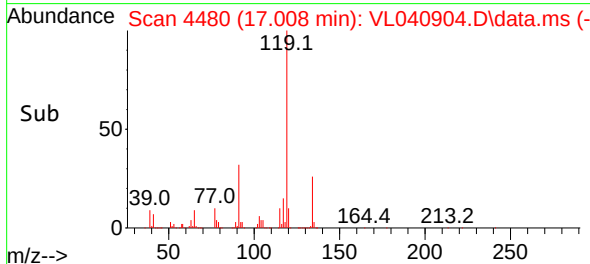
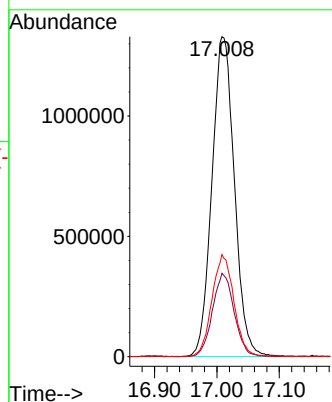
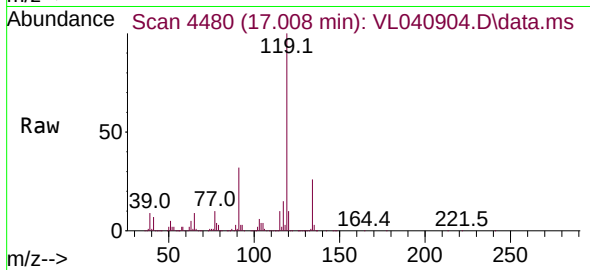
Tgt Ion:119 Resp: 3316641

Ion Ratio Lower Upper

119 100

134 25.3 20.5 30.7

91 31.1 24.7 37.1



#70

n-Butylbenzene

Concen: 10.441 ppbv

RT: 17.902 min Scan# 4758

Delta R.T. 0.003 min

Lab File: VL040904.D

Acq: 27 Nov 2023 10:58

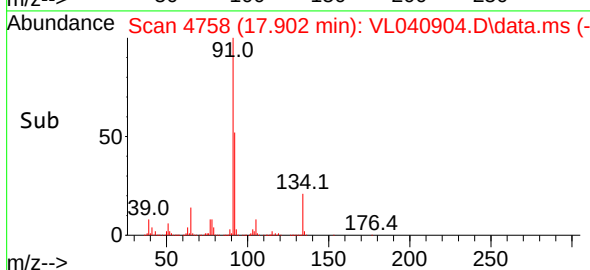
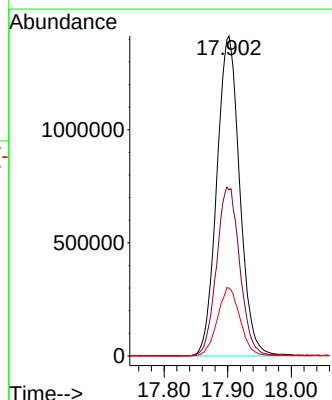
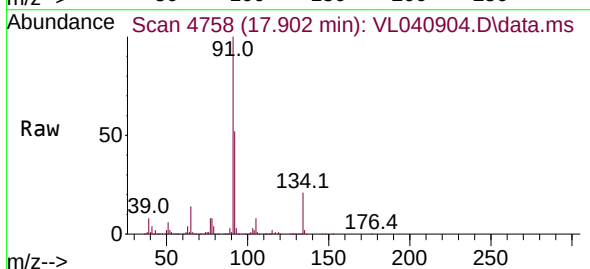
Tgt Ion: 91 Resp: 3539389

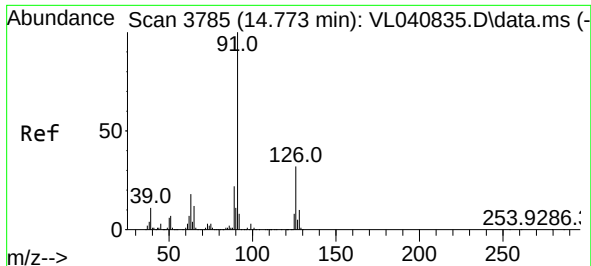
Ion Ratio Lower Upper

91 100

92 53.7 43.4 65.2

134 21.2 17.4 26.0

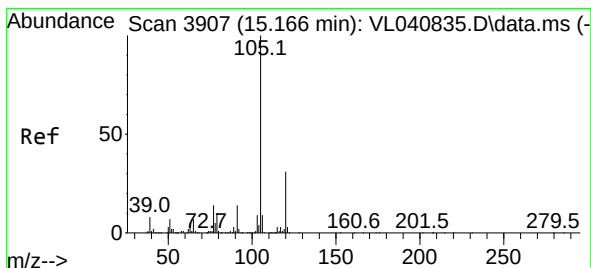
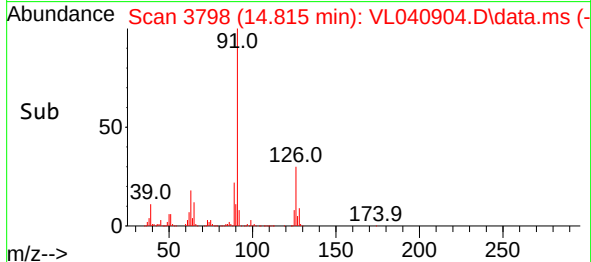
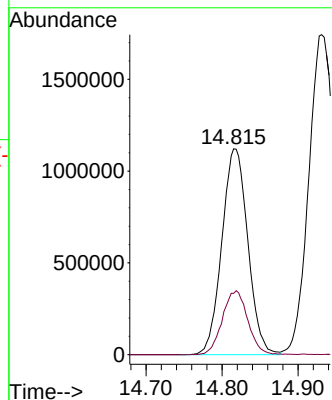
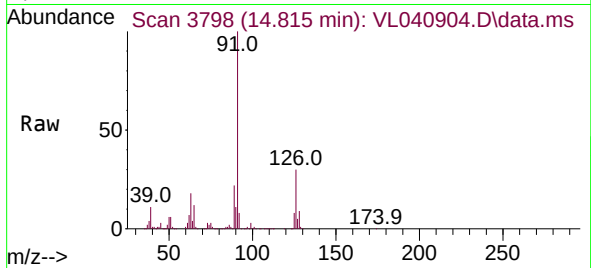




#71
2-Chlorotoluene
Concen: 10.444 ppbv
RT: 14.815 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

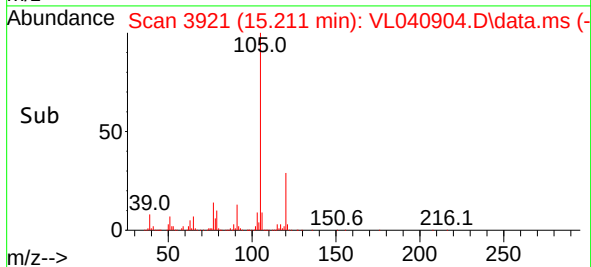
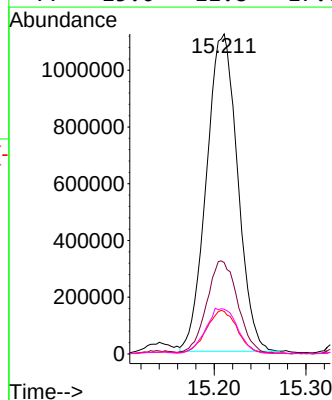
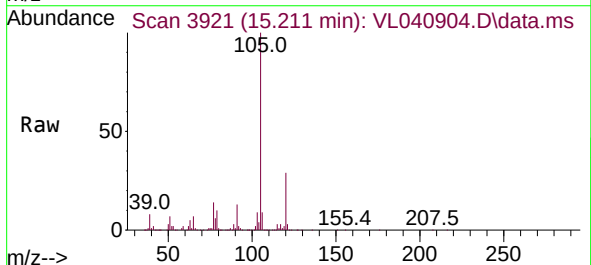
Instrument :
MSVOA_L
ClientSampleId :

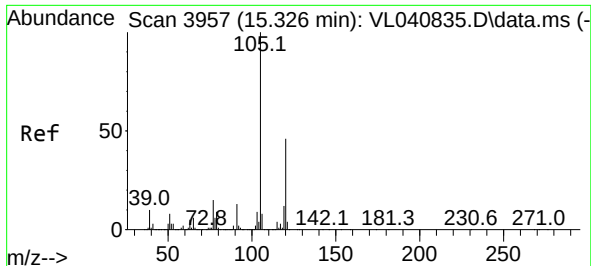
Tgt Ion: 91 Resp: 2661120
Ion Ratio Lower Upper
91 100
126 30.5 12.1 48.5



#72
4-Ethyltoluene
Concen: 10.604 ppbv
RT: 15.211 min Scan# 3921
Delta R.T. 0.007 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Tgt Ion:105 Resp: 2637207
Ion Ratio Lower Upper
105 100
120 29.6 24.5 36.7
91 14.8 10.6 16.0
77 15.0 11.8 17.6

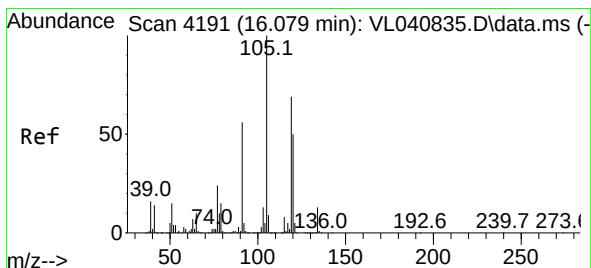
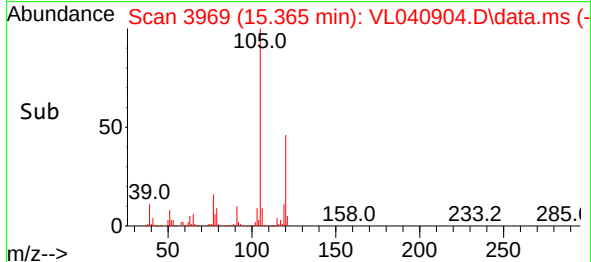
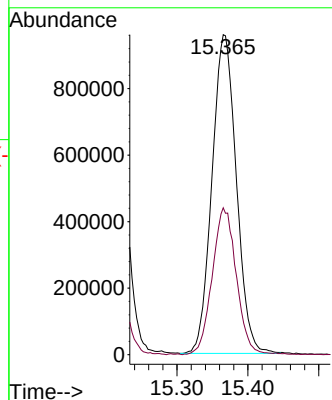
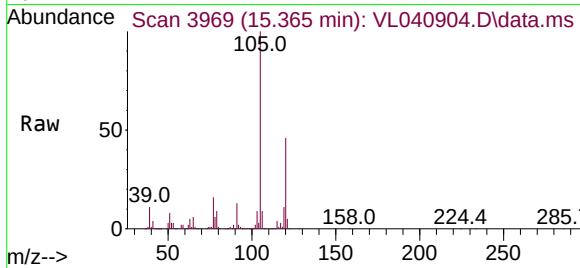




#73
 1,3,5-Trimethylbenzene
 Concen: 10.395 ppbv
 RT: 15.365 min Scan# 3957
 Delta R.T. 0.000 min
 Lab File: VL040904.D
 Acq: 27 Nov 2023 10:58

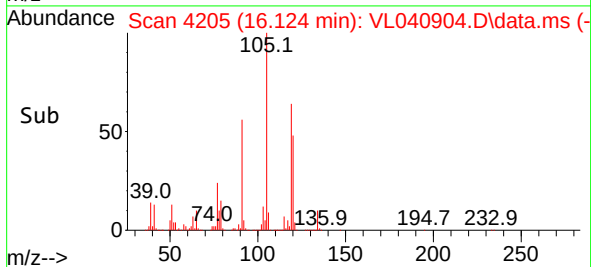
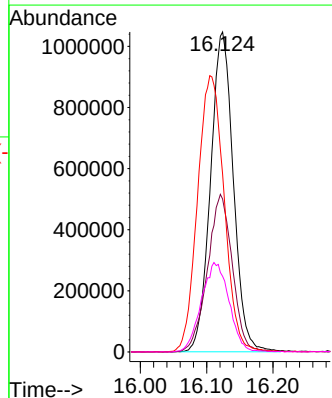
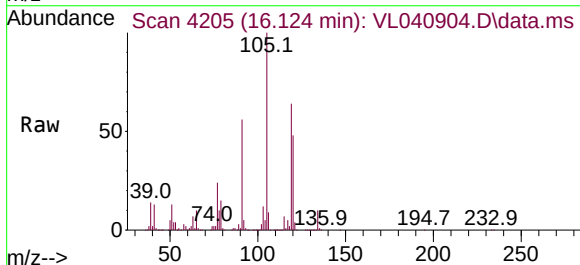
Instrument :
 MSVOA_L
 ClientSampleId :

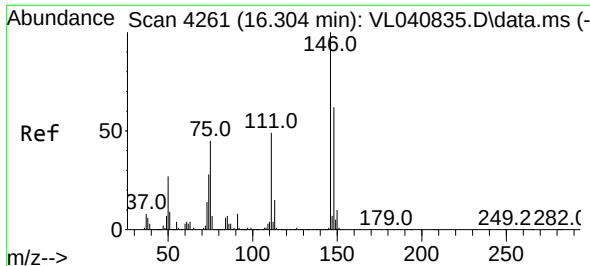
Tgt Ion:105 Resp: 2286379
 Ion Ratio Lower Upper
 105 100
 120 45.9 36.8 55.2



#74
 1,2,4-Trimethylbenzene
 Concen: 10.201 ppbv
 RT: 16.124 min Scan# 4205
 Delta R.T. 0.003 min
 Lab File: VL040904.D
 Acq: 27 Nov 2023 10:58

Tgt Ion:105 Resp: 2503893
 Ion Ratio Lower Upper
 105 100
 120 47.7 40.2 60.2
 91 55.5 45.7 68.5
 77 23.6 19.2 28.8

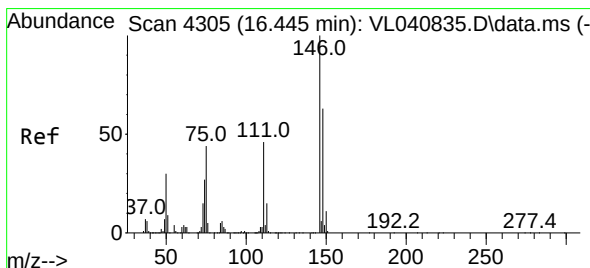
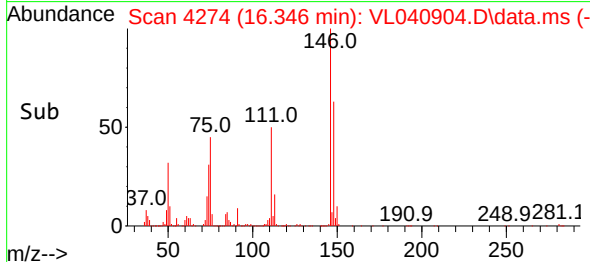
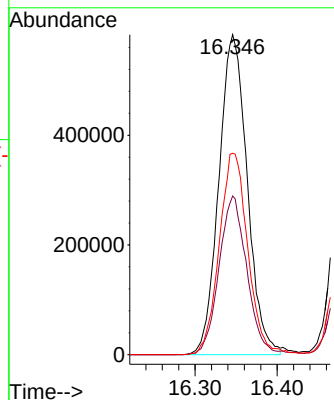
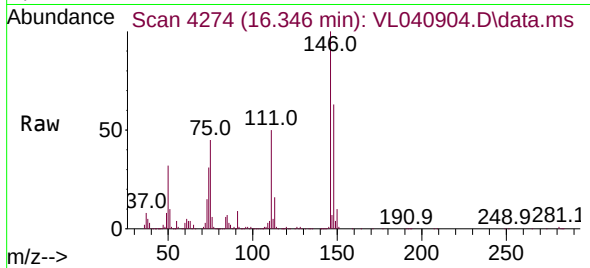




#75
1,3-Dichlorobenzene
Concen: 10.332 ppbv
RT: 16.346 min Scan# 4319
Delta R.T. 0.000 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

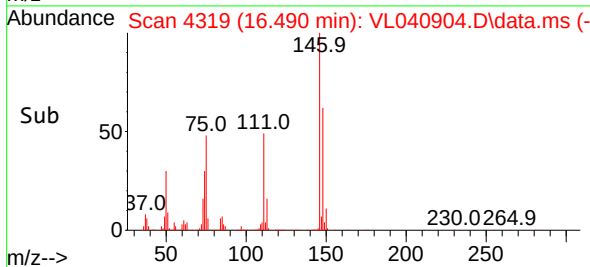
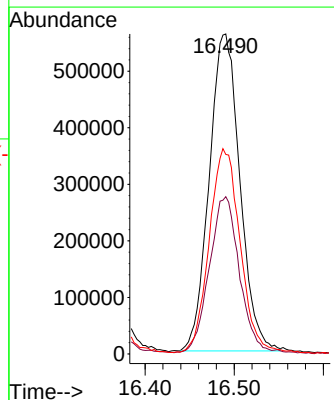
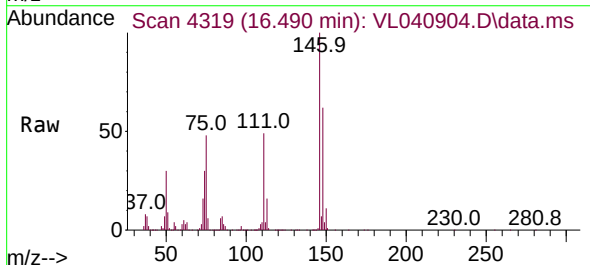
Instrument :
MSVOA_L
ClientSampleId :

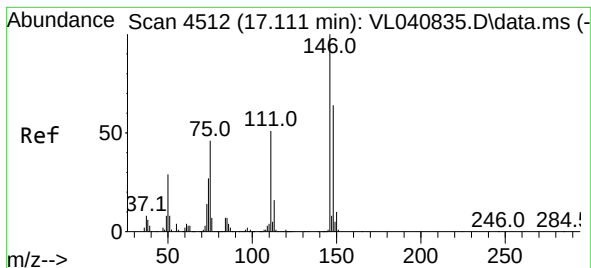
Tgt Ion:146 Resp: 1400392
Ion Ratio Lower Upper
146 100
111 48.9 24.9 74.8
148 63.5 32.1 96.5



#76
1,4-Dichlorobenzene
Concen: 10.328 ppbv
RT: 16.490 min Scan# 4319
Delta R.T. 0.007 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Tgt Ion:146 Resp: 1340169
Ion Ratio Lower Upper
146 100
111 50.0 24.1 72.4
148 66.0 32.3 96.9





#77

1,2-Dichlorobenzene

Concen: 10.215 ppbv

RT: 17.156 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL040904.D

Acq: 27 Nov 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

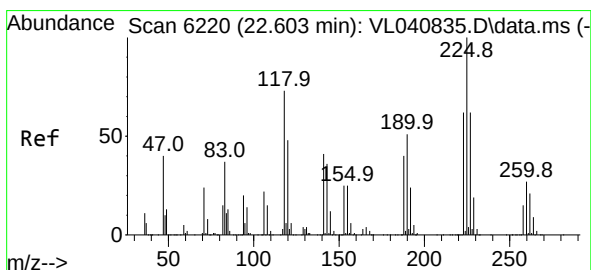
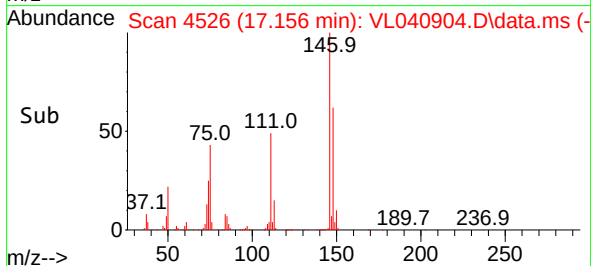
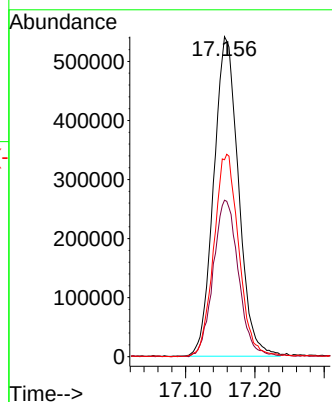
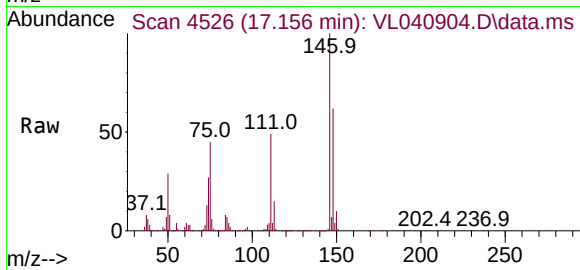
Tgt Ion:146 Resp: 1346202

Ion Ratio Lower Upper

146 100

111 49.9 25.7 77.1

148 63.8 32.3 96.9



#78

Hexachloro-1,3-Butadiene

Concen: 8.949 ppbv

RT: 22.648 min Scan# 6234

Delta R.T. 0.000 min

Lab File: VL040904.D

Acq: 27 Nov 2023 10:58

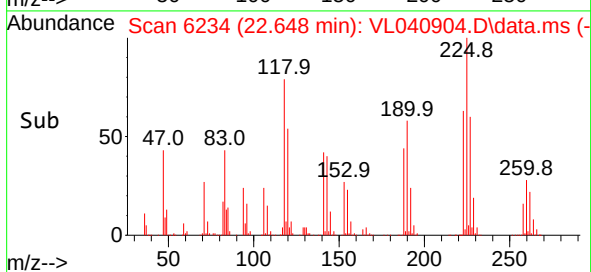
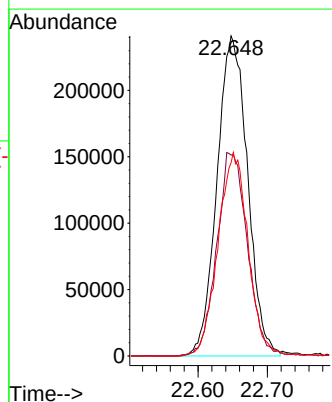
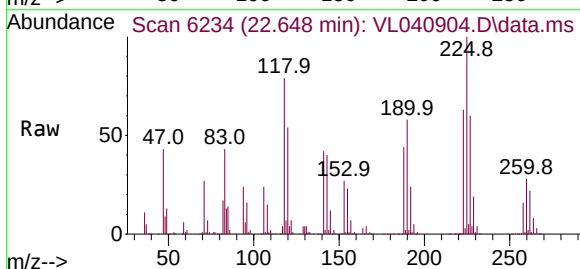
Tgt Ion:225 Resp: 738444

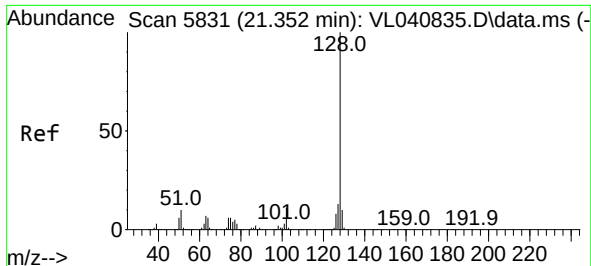
Ion Ratio Lower Upper

225 100

223 63.8 51.1 76.7

227 63.0 50.8 76.2

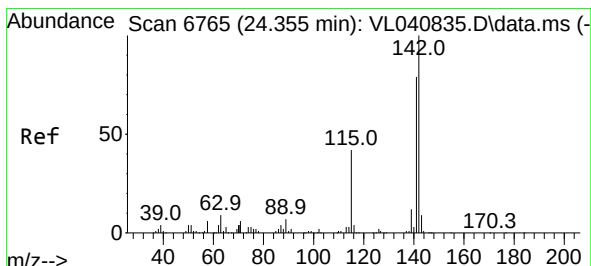
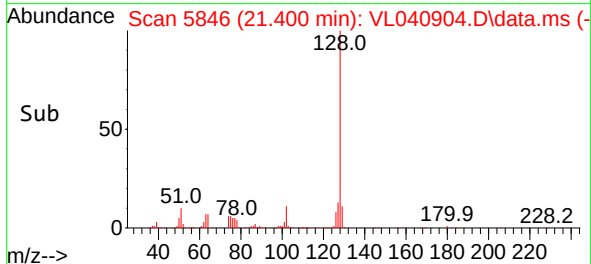
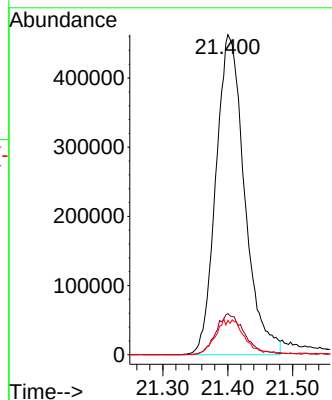
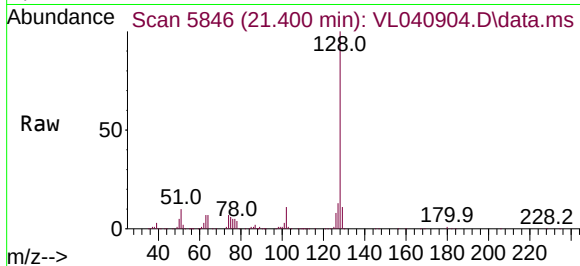




#79
Naphthalene
Concen: 11.203 ppbv
RT: 21.400 min Scan# 5846
Delta R.T. 0.000 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

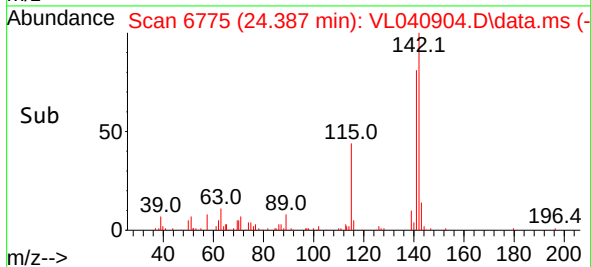
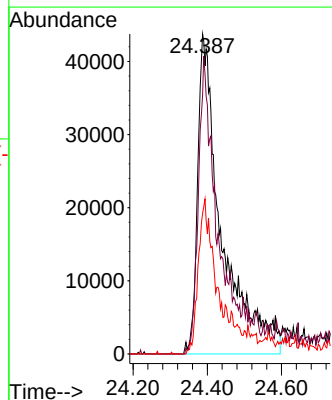
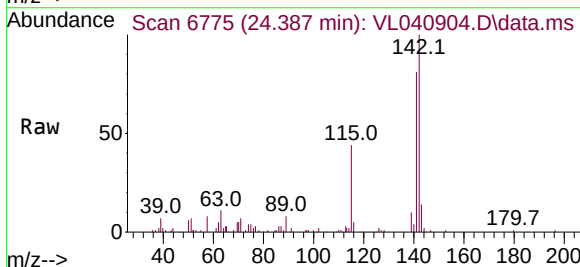
Instrument :
MSVOA_L
ClientSampleId :

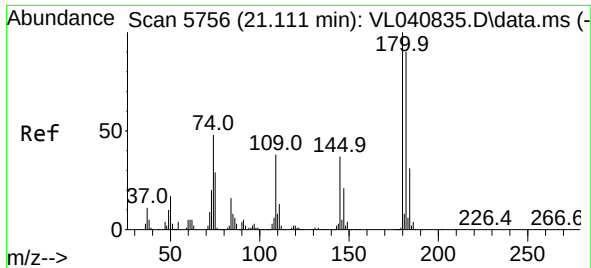
Tgt Ion:128 Resp: 1413306
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 10.7 8.3 12.5



#80
Naphthalene,2-methyl-
Concen: 8.857 ppbv
RT: 24.387 min Scan# 6775
Delta R.T. -0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

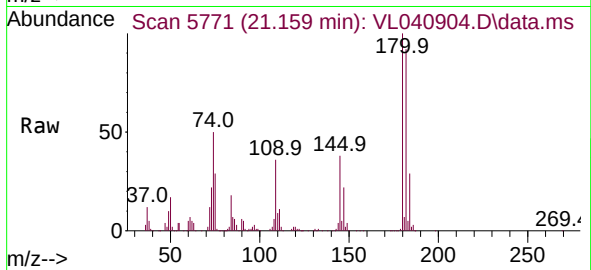
Tgt Ion:142 Resp: 197252
Ion Ratio Lower Upper
142 100
141 80.1 65.8 98.8
115 38.8 35.6 53.4





#81
 1,2,4-Trichlorobenzene
 Concen: 9.816 ppbv
 RT: 21.159 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VL040904.D
 Acq: 27 Nov 2023 10:58

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 752841

Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.6	116.4
184	30.9	24.2	36.2

