

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022823\
 Data File : VL040244.D
 Acq On : 28 Feb 2023 11:15
 Operator : SY/MD
 Sample : VL0228ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0228ABS01

Quant Time: Mar 01 04:24:17 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 : Wed Mar 01 04:21:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	880115	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2342961	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.487	117	2308639	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.796	95	1790239	9.430	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.726	85	1910511	11.647	ppbv	98
3) Chlorodifluoromethane	2.671	51	1111584	10.573	ppbv	99
4) Chloromethane	2.813	50	694330	10.514	ppbv	93
5) Vinyl Chloride	2.919	62	597629	11.261	ppbv	98
6) Bromomethane	3.121	94	204704	10.687	ppbv	100
7) Chloroethane	3.195	64	222672	10.580	ppbv	98
8) Dichlorotetrafluoroethane	2.854	85	1530844	10.831	ppbv	99
9) Propene	2.690	41	448426	10.463	ppbv	98
10) Heptane	7.594	43	1131544	11.093	ppbv	100
11) Trichlorofluoromethane	3.565	101	1625747	11.046	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.070	101	1214327	11.184	ppbv	98
13) Ethanol	3.240	45	12518	3.173	ppbv #	1
14) Bromoethene	3.366	108	475138	11.412	ppbv	99
15) Acetone	3.469	43	1069489	10.093	ppbv	100
16) 1,3-Butadiene	2.983	39	528574	10.923	ppbv	97
17) tert-Butyl alcohol	3.880	59	1033565	10.695	ppbv	100
18) 1,1-Dichloroethene	3.883	96	511359	10.839	ppbv	97
19) Isopropyl Alcohol	3.578	45	490365	9.735	ppbv #	98
20) Methylene Chloride	3.938	84	441200	7.998	ppbv	99
21) Allyl Chloride	4.002	41	740807	11.399	ppbv	99
22) trans-1,2-Dichloroethene	4.452	96	550134	11.261	ppbv	95
23) Vinyl Acetate	4.632	43	342384	10.647	ppbv	99
24) 1,1-Dichloroethane	4.571	63	1106940	11.013	ppbv	99
25) Ethyl Acetate	5.211	43	1992166	10.114	ppbv	100
26) Hexane	5.221	57	843365	9.973	ppbv	99
27) Carbon Disulfide	4.128	76	1325188	12.350	ppbv	99
28) Methyl tert-Butyl Ether	4.591	73	986821	10.891	ppbv	98
29) Chloroform	5.282	83	1513074	10.421	ppbv	98
30) Cyclohexane	6.616	84	736220	11.088	ppbv	99
31) cis-1,2-Dichloroethene	5.086	61	845290	10.521	ppbv	98
32) 1,1,1-Trichloroethane	6.015	97	1545037	11.326	ppbv	99
34) 2-Butanone	4.793	43	1177403	10.187	ppbv	98
35) Carbon Tetrachloride	6.507	117	1595002	11.516	ppbv	97
36) Benzene	6.382	78	1868656	10.249	ppbv	99
37) 1,2-Dichloroethane	5.819	62	1206785	10.582	ppbv	99
38) Trichloroethene	7.304	130	1092944	10.878	ppbv	97
39) 1,2-Dichloropropane	7.086	63	718118	10.124	ppbv	99
40) 1,4-Dioxane	7.301	88	272351	9.599	ppbv	84
41) Tetrahydrofuran	5.568	42	681390	10.173	ppbv	99
42) Bromodichloromethane	7.263	83	1710062	10.864	ppbv	99
43) Methyl Methacrylate	7.488	69	747522	11.080	ppbv	99
44) 2,2,4-Trimethylpentane	7.343	57	3147246	10.340	ppbv	99
45) t-1,3-Dichloropropene	8.726	75	708979	11.846	ppbv	99

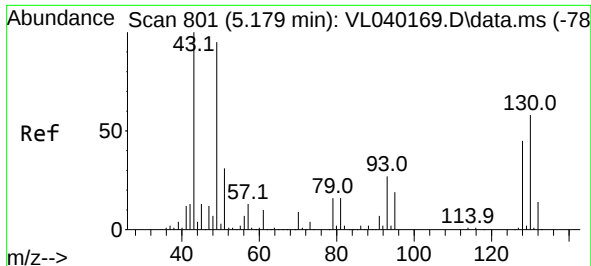
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022823\
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 01 04:21:39 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.156	75	967422	11.603	ppbv	98
47) 1,1,2-Trichloroethane	8.915	97	780339	10.171	ppbv	97
48) Dibromochloromethane	9.726	129	1359590	11.080	ppbv	99
49) Bromoform	12.430	173	1056091	11.027	ppbv	100
50) 4-Methyl-2-Pentanone	8.195	43	1972793	10.993	ppbv	99
51) 2-Hexanone	9.568	43	1524041	11.043	ppbv #	99
52) Tetrachloroethene	10.632	164	612183	10.752	ppbv	96
53) Toluene	9.237	91	2108710	10.798	ppbv	100
54) 1,2-Dibromoethane	10.028	107	861040	10.787	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.529	131	973902	10.050	ppbv #	94
57) Chlorobenzene	11.545	112	1628518	9.655	ppbv	99
58) Ethyl Benzene	12.108	91	2909012	10.371	ppbv	99
59) m/p-Xylene	12.391	91	2904527	11.691	ppbv #	52
60) o-Xylene	13.079	91	2434012	10.182	ppbv	100
61) Styrene	12.918	104	1344988	10.716	ppbv	98
62) Isopropylbenzene	14.050	105	3395800	9.897	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.069	83	808441	9.384	ppbv	100
64) n-propylbenzene	14.938	120	855278	10.071	ppbv	96
65) tert-Butylbenzene	16.114	119	2947222	9.881	ppbv	98
66) Benzyl Chloride	16.352	91	201346	10.144	ppbv	98
67) sec-Butylbenzene	16.658	105	4196695	9.811	ppbv	99
69) p-Isopropyltoluene	17.018	119	3318537	9.786	ppbv	99
70) n-Butylbenzene	17.908	91	3594536	9.766	ppbv	100
71) 2-Chlorotoluene	14.822	91	2592128	9.877	ppbv	99
72) 4-Ethyltoluene	15.214	105	2715242	10.275	ppbv	99
73) 1,3,5-Trimethylbenzene	15.372	105	2421800	9.849	ppbv	98
74) 1,2,4-Trimethylbenzene	16.127	105	2628042	9.730	ppbv	94
75) 1,3-Dichlorobenzene	16.352	146	1396353	9.447	ppbv	99
76) 1,4-Dichlorobenzene	16.494	146	1363808	9.416	ppbv	99
77) 1,2-Dichlorobenzene	17.166	146	1355088	9.229	ppbv	99
78) Hexachloro-1,3-Butadiene	22.657	225	895549	8.878	ppbv	100
79) Naphthalene	21.410	128	1759155	11.593	ppbv	98
80) Naphthalene,2-methyl-	24.394	142	354269	8.210	ppbv	99
81) 1,2,4-Trichlorobenzene	21.166	180	945287	9.955	ppbv	98

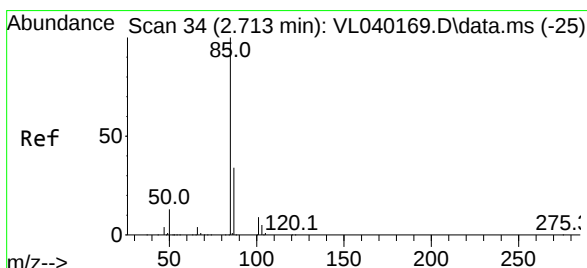
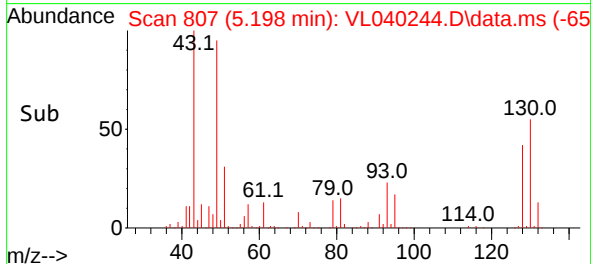
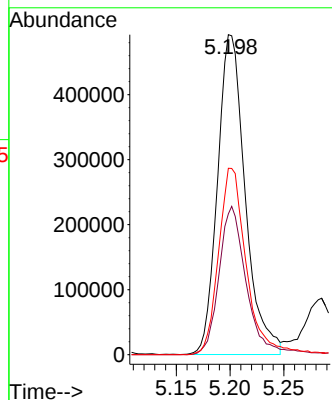
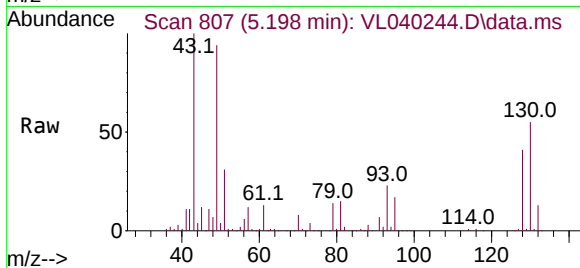
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

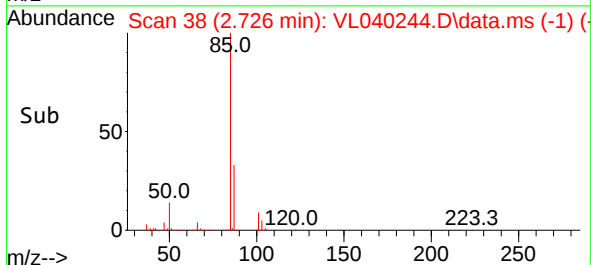
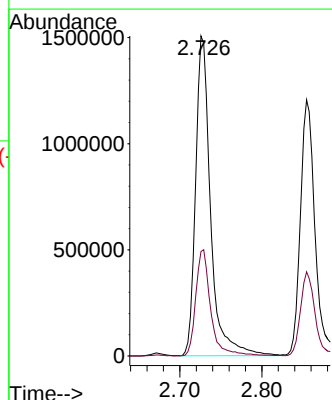
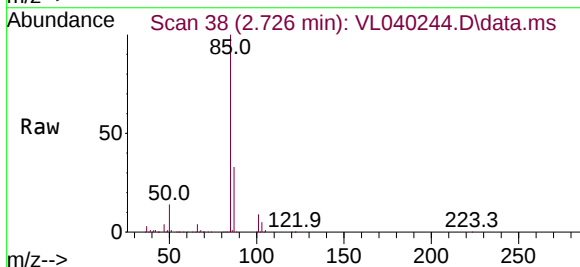
Instrument :
MSVOA_1
ClientSampleId :
VL0228ABS01

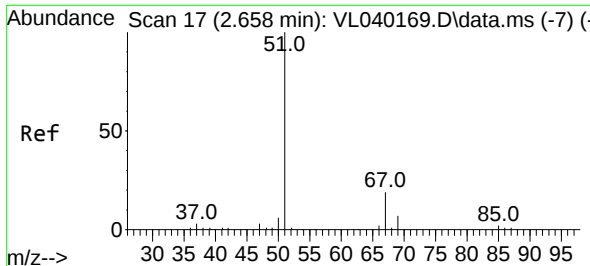
Tgt Ion: 49 Resp: 880115
Ion Ratio Lower Upper
49 100
128 46.2 24.1 72.3
130 59.7 30.9 92.8



#2
Dichlorodifluoromethane
Concen: 11.647 ppbv
RT: 2.726 min Scan# 38
Delta R.T. 0.000 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

Tgt Ion: 85 Resp: 1910511
Ion Ratio Lower Upper
85 100
87 32.7 27.0 40.6

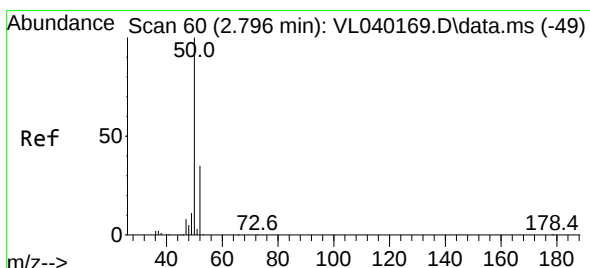
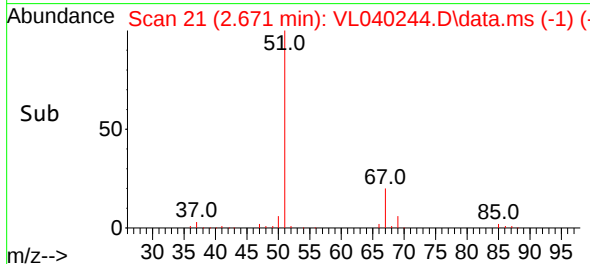
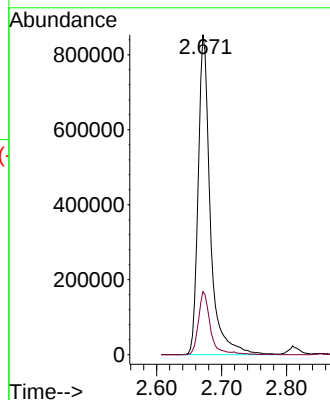
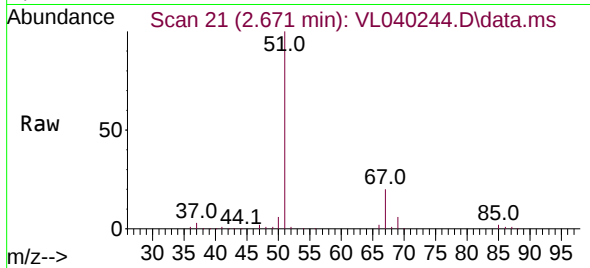




#3
Chlorodifluoromethane
Concen: 10.573 ppbv
RT: 2.671 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

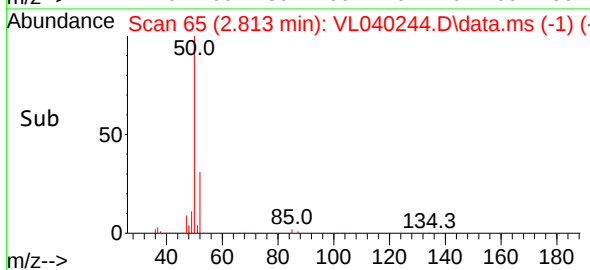
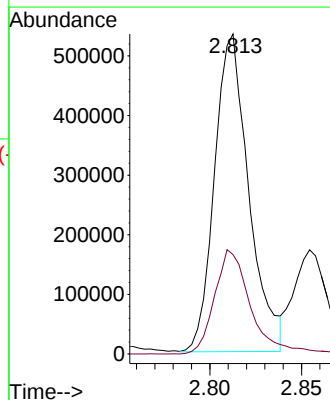
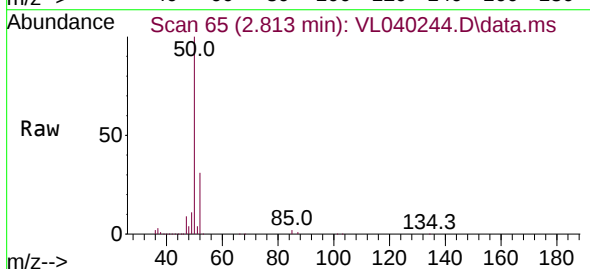
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MSVOA_L
ClientSampleId :
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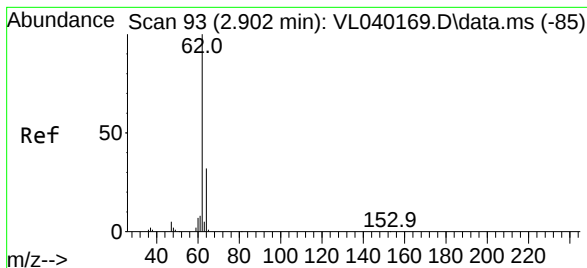
Tgt Ion: 51 Resp: 1111584
Ion Ratio Lower Upper
51 100
67 19.6 15.4 23.2



#4
Chloromethane
Concen: 10.514 ppbv
RT: 2.813 min Scan# 65
Delta R.T. 0.000 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

Tgt Ion: 50 Resp: 694330
Ion Ratio Lower Upper
50 100
52 31.3 28.3 42.5

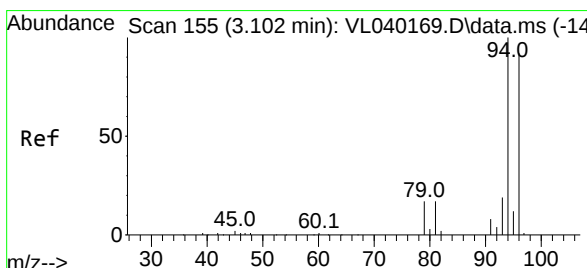
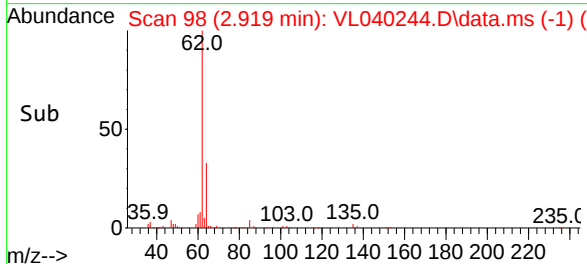
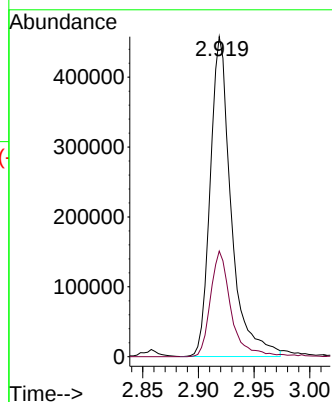
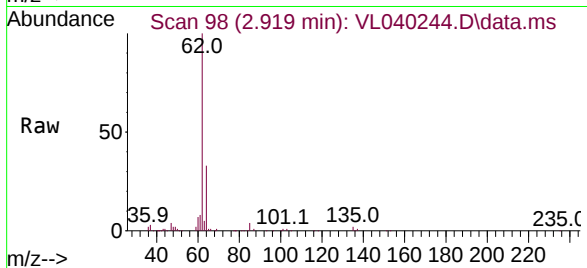




#5
 Vinyl Chloride
 Concen: 11.261 ppbv
 RT: 2.919 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VL040244.D
 Acq: 28 Feb 2023 11:15

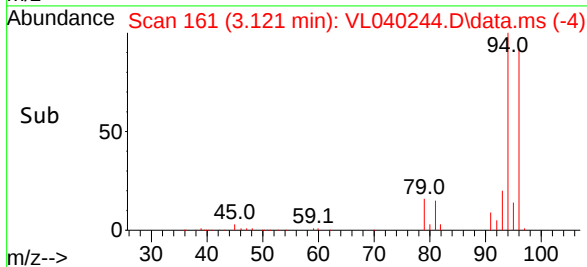
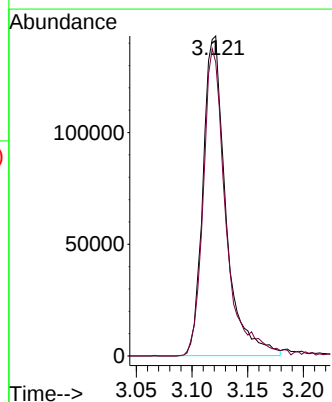
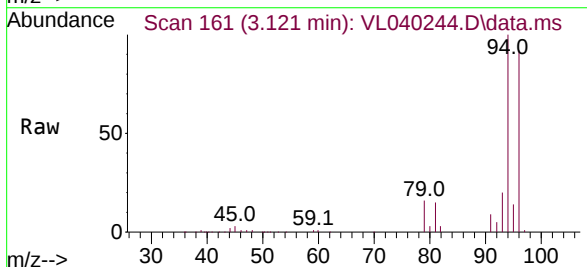
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0228ABS01

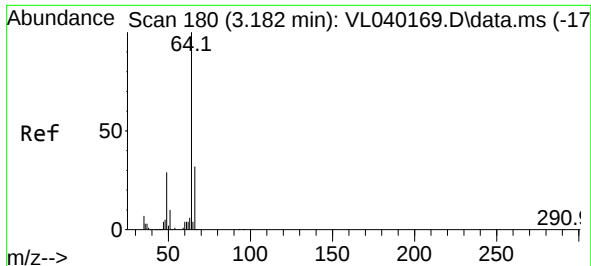
Tgt Ion: 62 Resp: 597629
 Ion Ratio Lower Upper
 62 100
 64 33.0 25.6 38.4



#6
 Bromomethane
 Concen: 10.687 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. 0.003 min
 Lab File: VL040244.D
 Acq: 28 Feb 2023 11:15

Tgt Ion: 94 Resp: 204704
 Ion Ratio Lower Upper
 94 100
 96 91.7 73.4 110.2

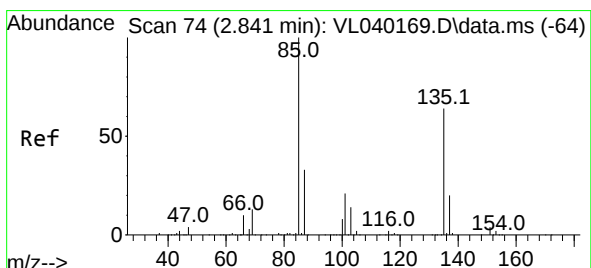
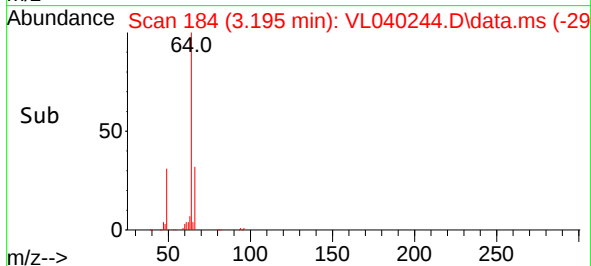
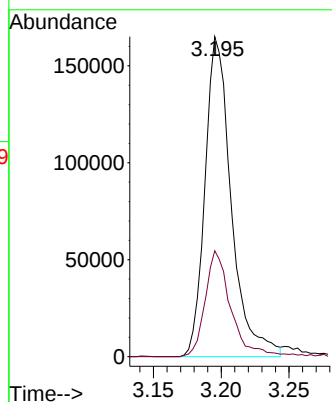
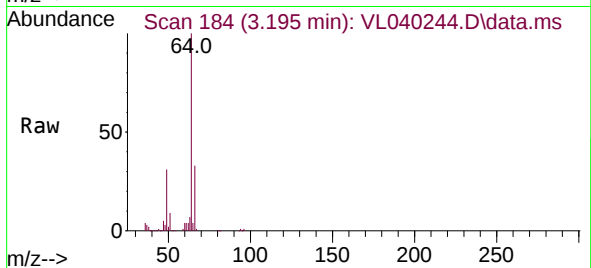




#7
Chloroethane
Concen: 10.580 ppbv
RT: 3.195 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

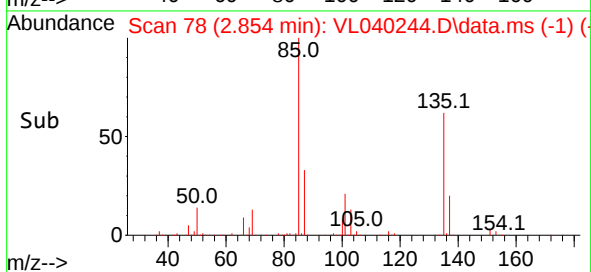
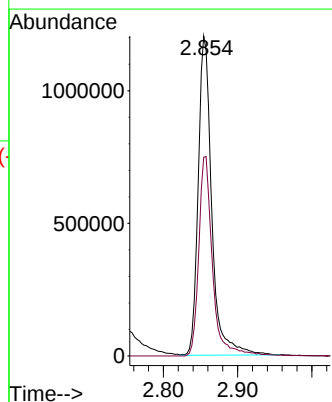
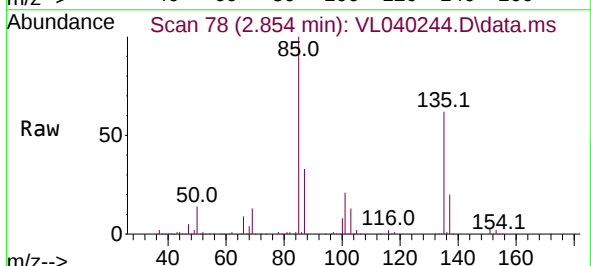
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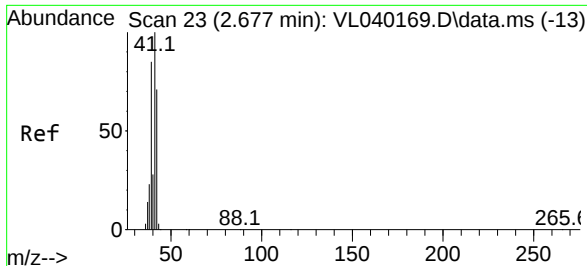
Tgt Ion: 64 Resp: 222672
Ion Ratio Lower Upper
64 100
66 33.1 25.4 38.2



#8
Dichlorotetrafluoroethane
Concen: 10.831 ppbv
RT: 2.854 min Scan# 78
Delta R.T. 0.000 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

Tgt Ion: 85 Resp: 1530844
Ion Ratio Lower Upper
85 100
135 63.8 51.5 77.3

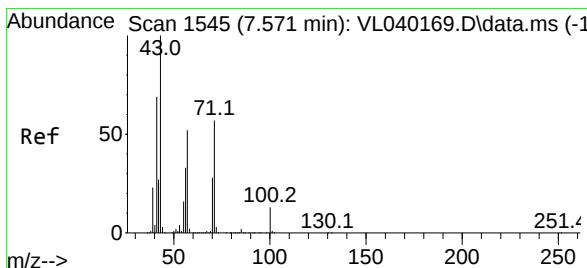
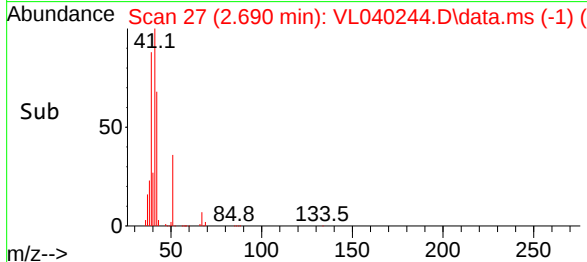
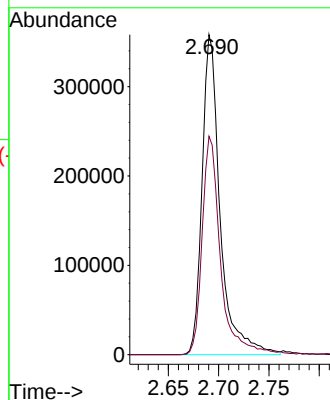
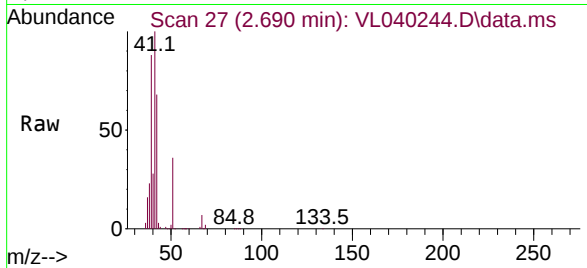




#9
Propene
Concen: 10.463 ppbv
RT: 2.690 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

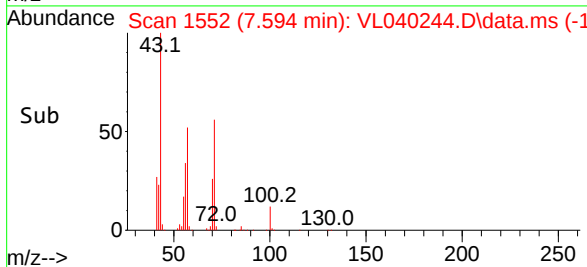
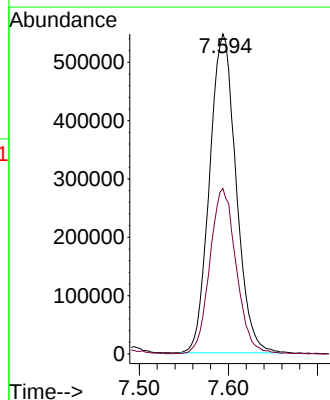
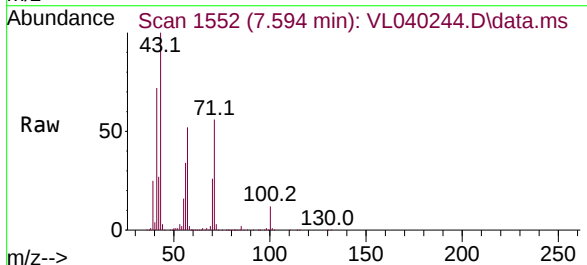
Instrument :
MSVOA_L
ClientSampleId :
VL0228ABS01

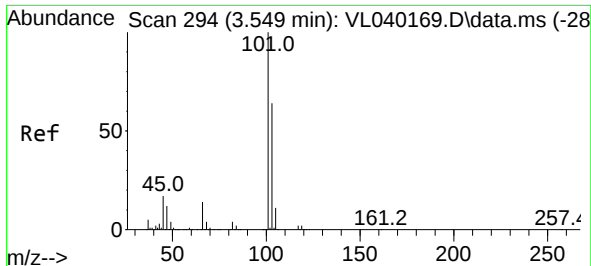
Tgt Ion: 41 Resp: 448426
Ion Ratio Lower Upper
41 100
42 69.8 56.9 85.3



#10
Heptane
Concen: 11.093 ppbv
RT: 7.594 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

Tgt Ion: 43 Resp: 1131544
Ion Ratio Lower Upper
43 100
57 51.8 41.4 62.2

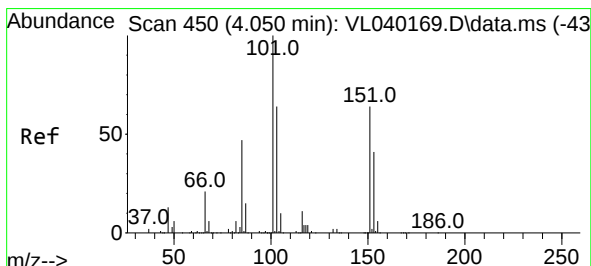
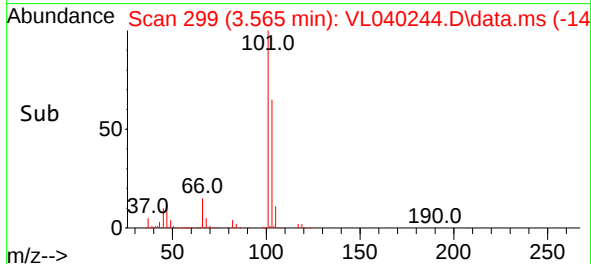
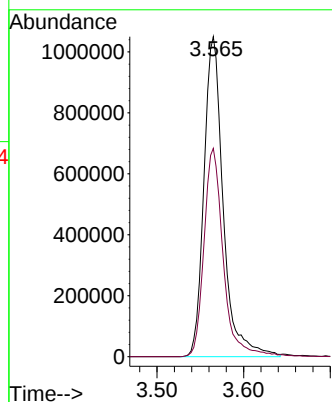
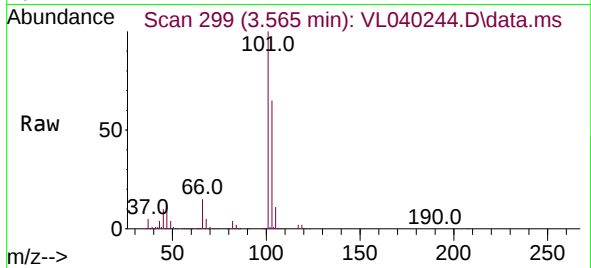




#11
 Trichlorofluoromethane
 Concen: 11.046 ppbv
 RT: 3.565 min Scan# 294
 Delta R.T. 0.000 min
 Lab File: VL040244.D
 Acq: 28 Feb 2023 11:15

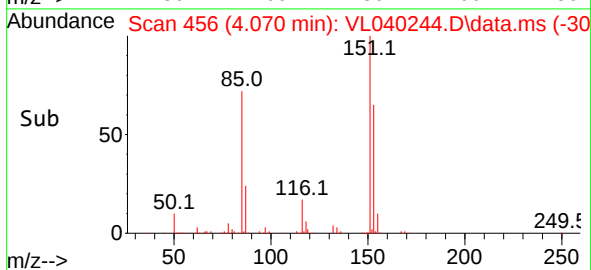
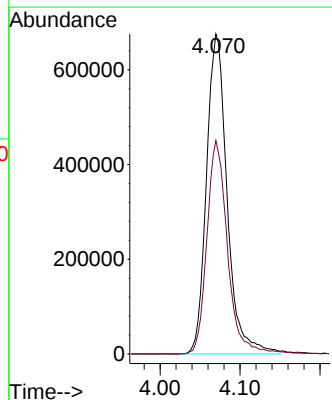
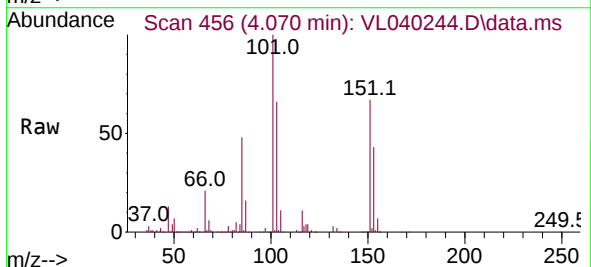
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0228ABS01

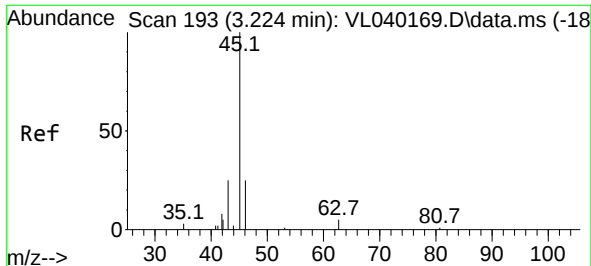
Tgt Ion:101 Resp: 1625747
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.0 76.6



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.184 ppbv
 RT: 4.070 min Scan# 456
 Delta R.T. 0.000 min
 Lab File: VL040244.D
 Acq: 28 Feb 2023 11:15

Tgt Ion:101 Resp: 1214327
 Ion Ratio Lower Upper
 101 100
 151 66.8 54.7 82.1

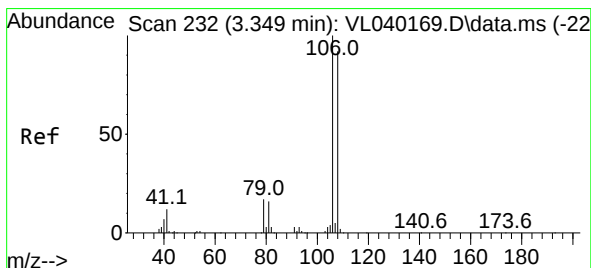
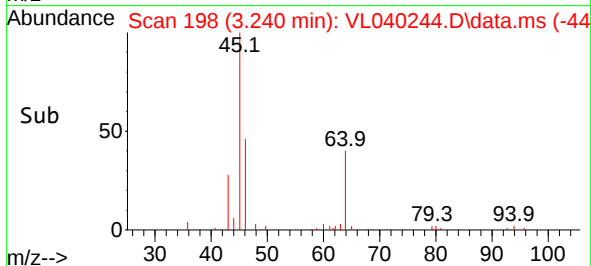
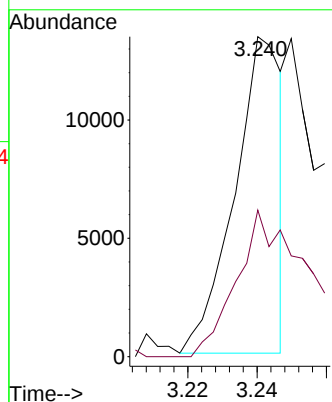
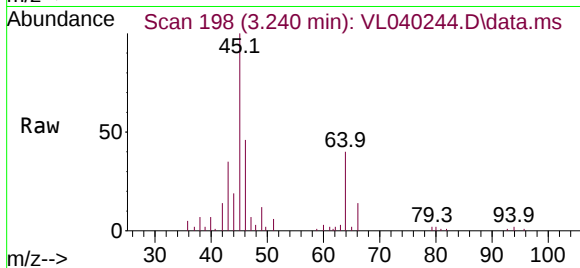




#13
Ethanol
Concen: 3.173 ppbv
RT: 3.240 min Scan# 198
Delta R.T. -0.006 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

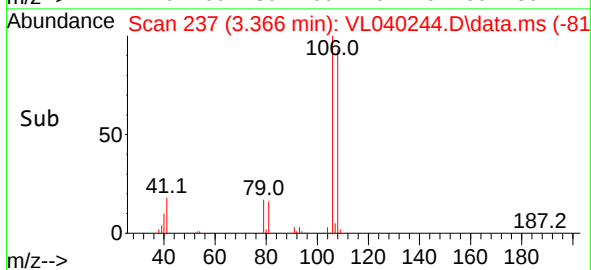
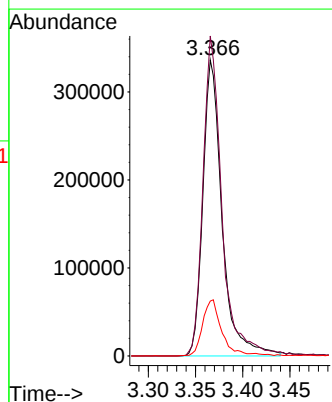
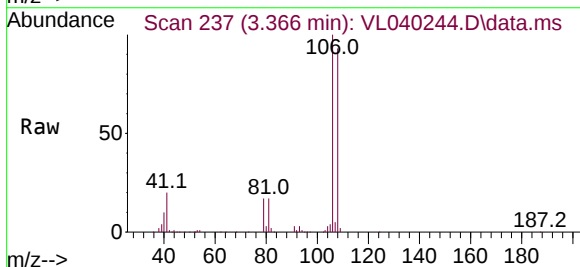
Instrument :
MSVOA_L
ClientSampleId :
VL0228ABS01

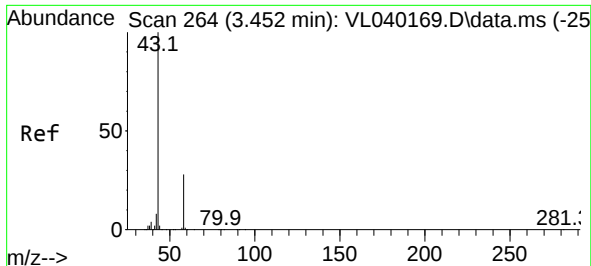
Tgt Ion: 45 Resp: 12518
Ion Ratio Lower Upper
45 100
46 90.0 13.3 53.1#



#14
Bromoethene
Concen: 11.412 ppbv
RT: 3.366 min Scan# 237
Delta R.T. 0.000 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

Tgt Ion: 108 Resp: 475138
Ion Ratio Lower Upper
108 100
106 107.7 87.1 130.7
79 19.3 15.4 23.2

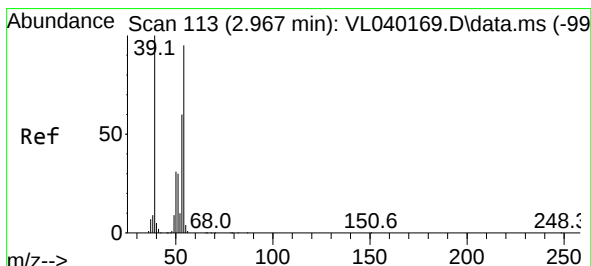
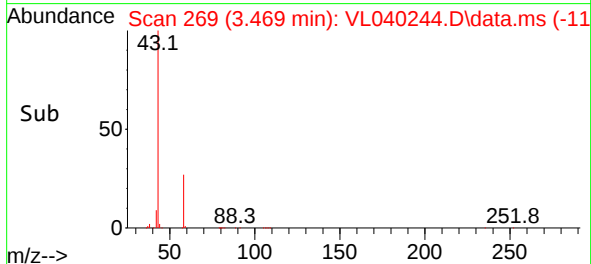
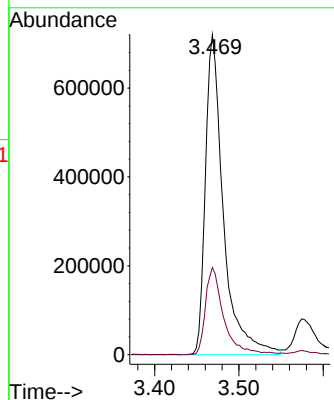
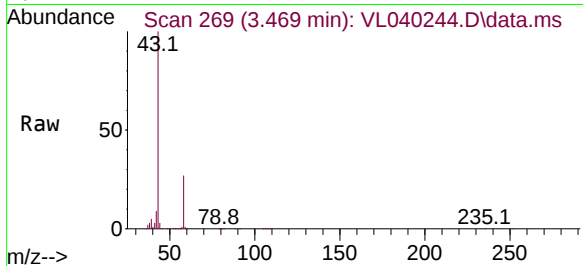




#15
Acetone
Concen: 10.093 ppbv
RT: 3.469 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

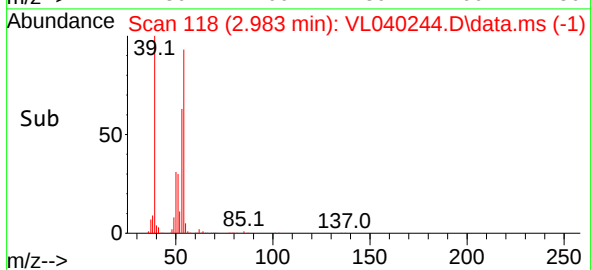
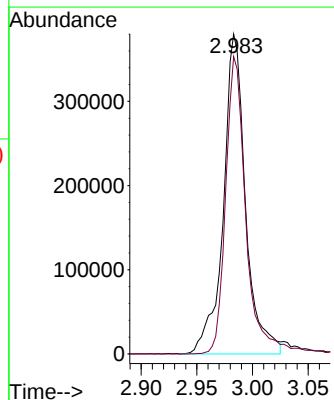
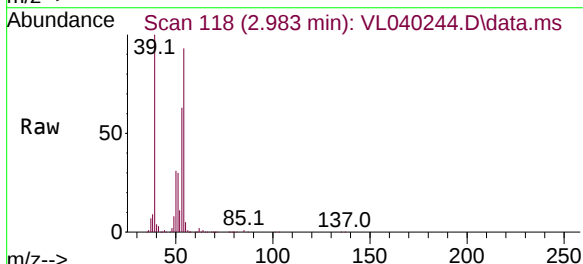
Instrument :
MSVOA_L
ClientSampleId :
VL0228ABS01

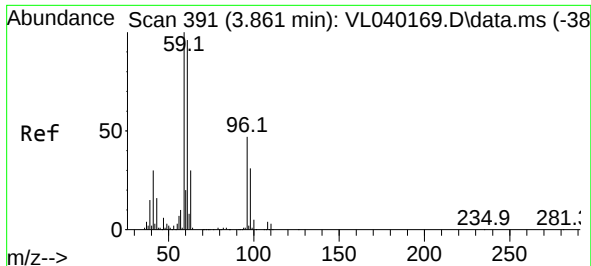
Tgt Ion: 43 Resp: 1069489
Ion Ratio Lower Upper
43 100
58 27.8 22.4 33.6



#16
1,3-Butadiene
Concen: 10.923 ppbv
RT: 2.983 min Scan# 118
Delta R.T. 0.000 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

Tgt Ion: 39 Resp: 528574
Ion Ratio Lower Upper
39 100
54 86.0 66.7 100.1

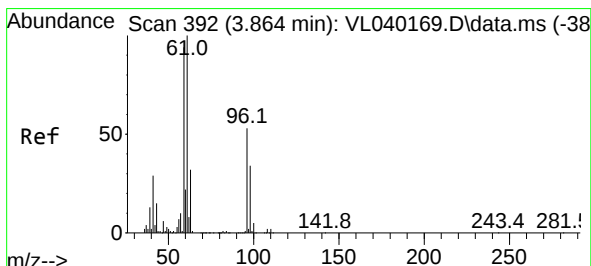
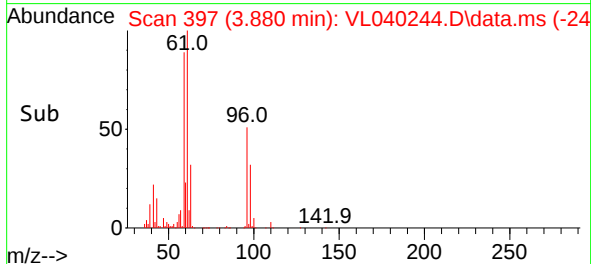
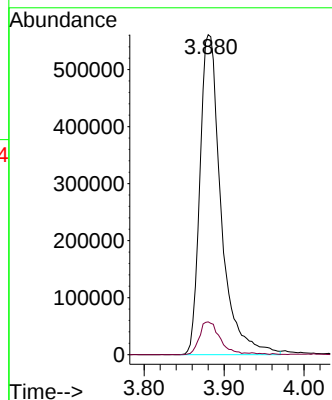
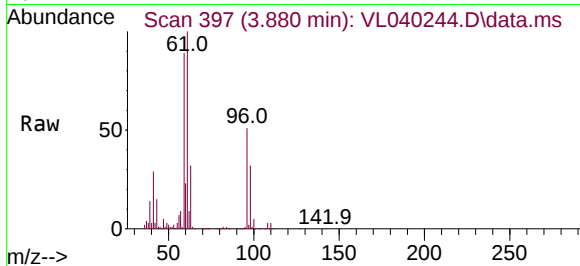




#17
tert-Butyl alcohol
Concen: 10.695 ppbv
RT: 3.880 min Scan# 391
Delta R.T. 0.000 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

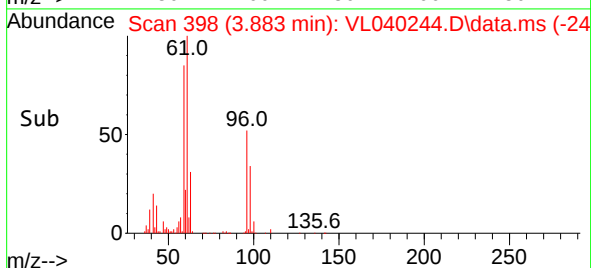
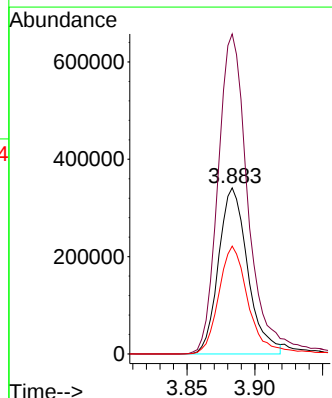
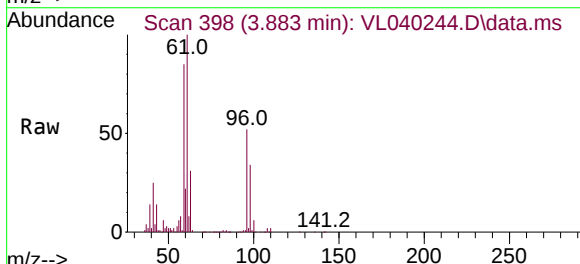
Instrument :
MSVOA_L
ClientSampleId :
VL0228ABS01

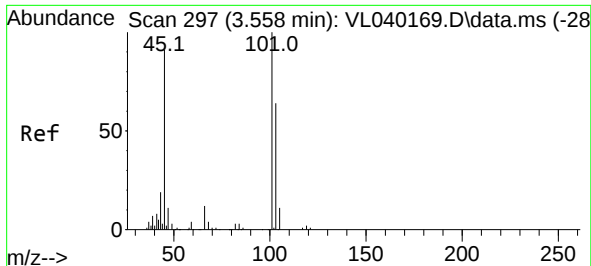
Tgt Ion: 59 Resp: 1033565
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7



#18
1,1-Dichloroethene
Concen: 10.839 ppbv
RT: 3.883 min Scan# 398
Delta R.T. 0.000 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

Tgt Ion: 96 Resp: 511359
Ion Ratio Lower Upper
96 100
61 192.7 149.6 224.4
98 64.9 51.1 76.7





#19

Isopropyl Alcohol

Concen: 9.735 ppbv

RT: 3.578 min Scan# 303

Delta R.T. 0.003 min

Lab File: VL040244.D

Acq: 28 Feb 2023 11:15

Instrument :

MSVOA_L

ClientSampleId :

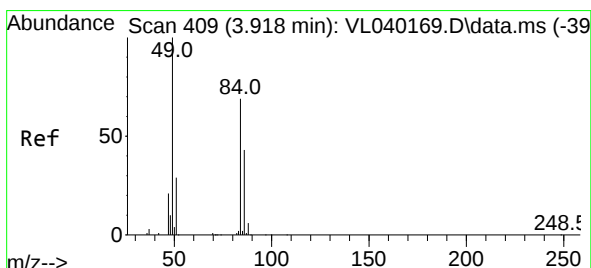
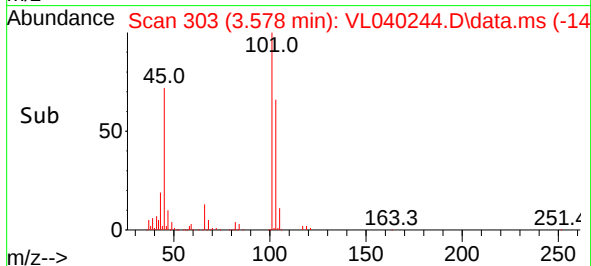
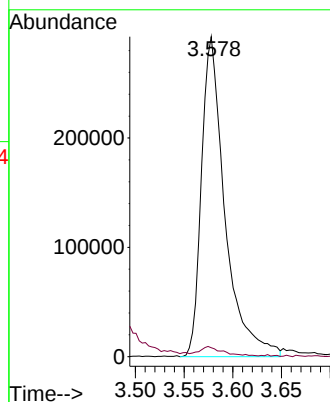
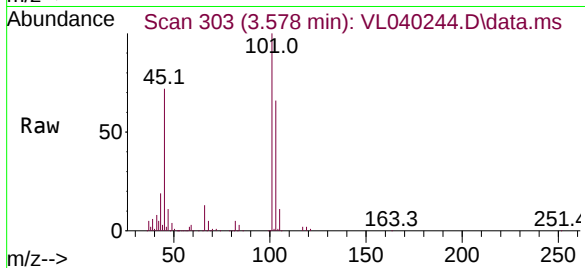
VL0228ABS01

Tgt Ion: 45 Resp: 490365

Ion Ratio Lower Upper

45 100

58 3.9 2.6 3.8#



#20

Methylene Chloride

Concen: 7.998 ppbv

RT: 3.938 min Scan# 415

Delta R.T. 0.003 min

Lab File: VL040244.D

Acq: 28 Feb 2023 11:15

Tgt Ion: 84 Resp: 441200

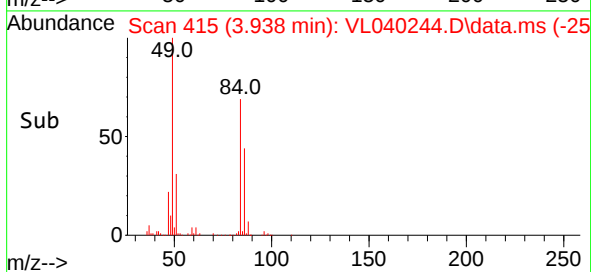
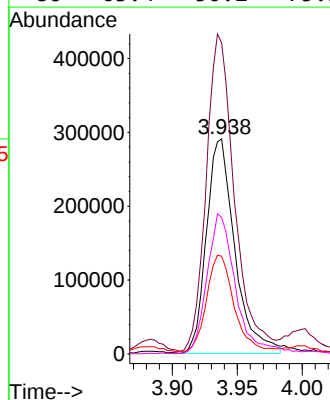
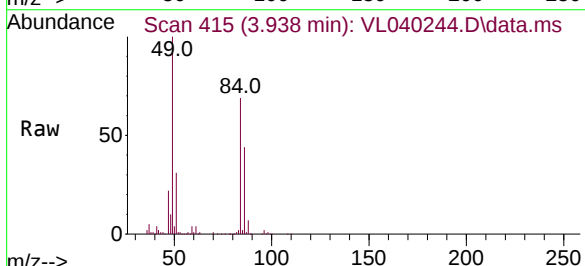
Ion Ratio Lower Upper

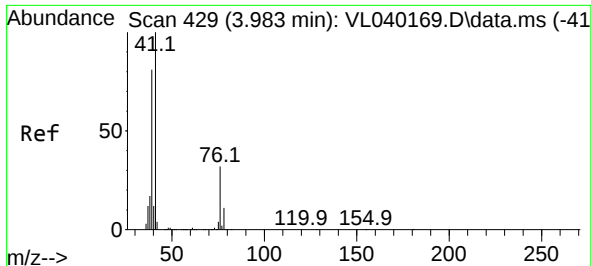
84 100

49 143.8 115.5 173.3

51 44.4 33.1 49.7

86 63.4 50.2 75.2

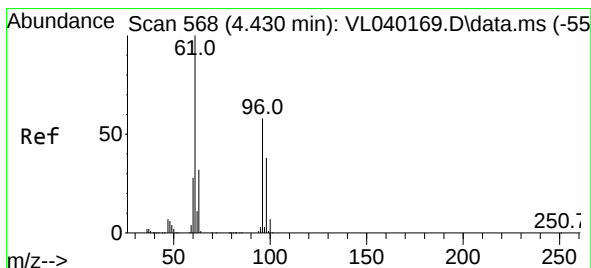
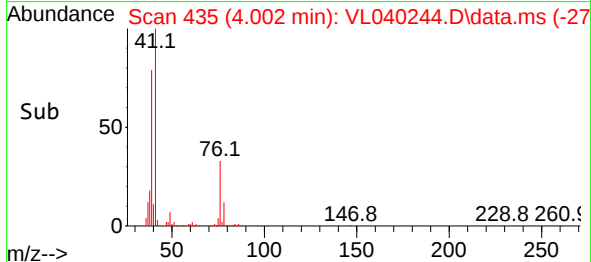
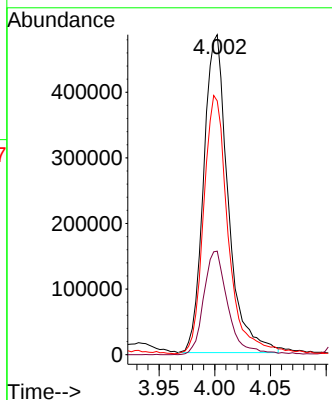
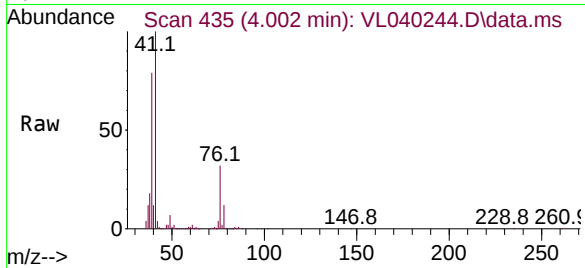




#21
 Allyl Chloride
 Concen: 11.399 ppbv
 RT: 4.002 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL040244.D
 Acq: 28 Feb 2023 11:15

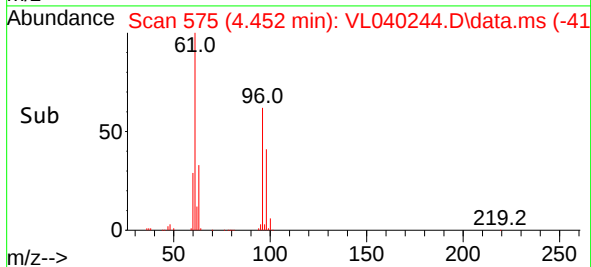
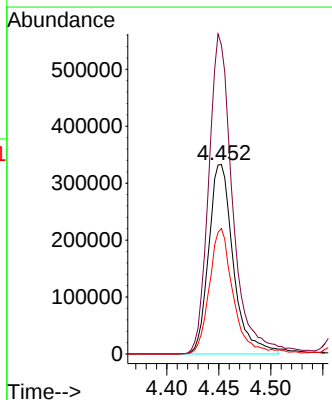
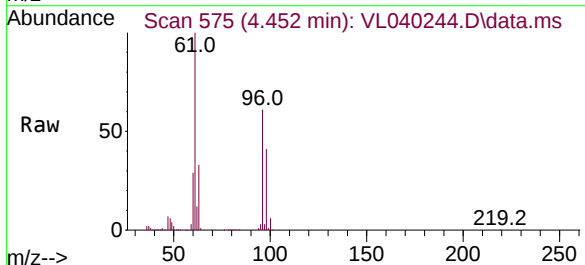
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0228ABS01

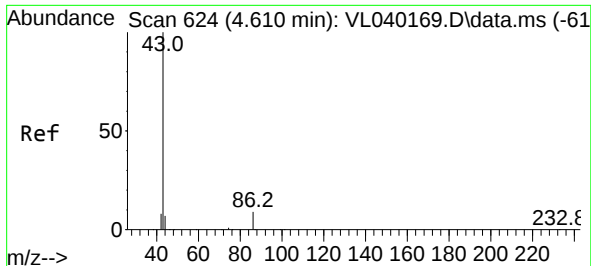
Tgt Ion: 41 Resp: 740807
 Ion Ratio Lower Upper
 41 100
 76 32.6 25.5 38.3
 39 81.9 64.5 96.7



#22
 trans-1,2-Dichloroethene
 Concen: 11.261 ppbv
 RT: 4.452 min Scan# 575
 Delta R.T. 0.000 min
 Lab File: VL040244.D
 Acq: 28 Feb 2023 11:15

Tgt Ion: 96 Resp: 550134
 Ion Ratio Lower Upper
 96 100
 61 163.1 137.5 206.3
 98 66.2 52.8 79.2



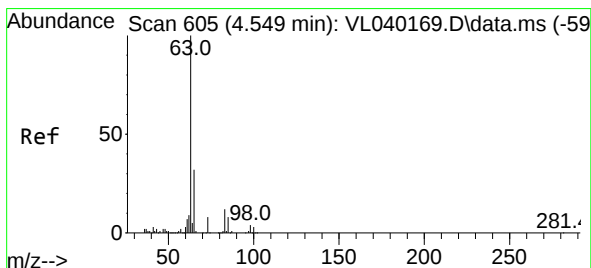
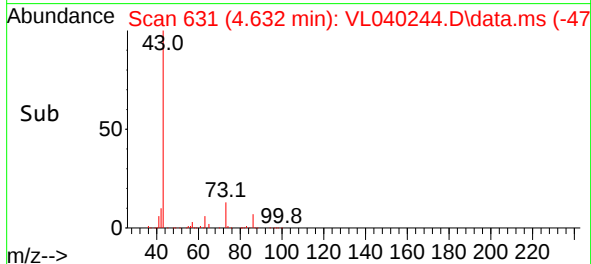
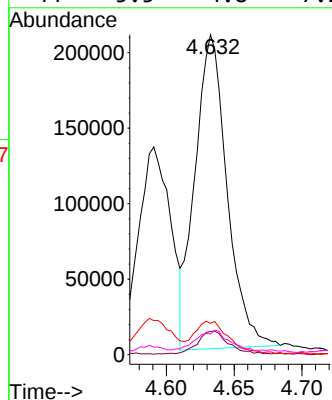
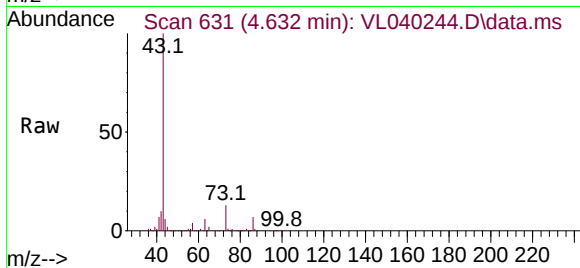


#23
 Vinyl Acetate
 Concen: 10.647 ppbv
 RT: 4.632 min Scan# 612
 Delta R.T. 0.000 min
 Lab File: VL040244.D
 Acq: 28 Feb 2023 11:15

Instrument :
 MSVOA_1
 ClientSampleId :
 VL0228ABS01

Tgt Ion: 43 Resp: 342384

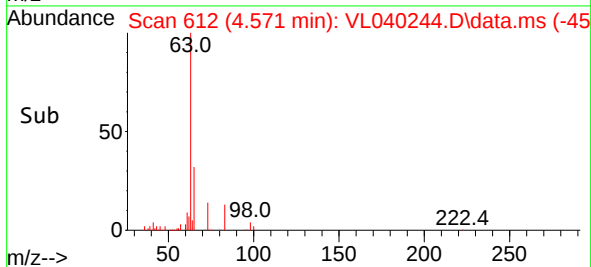
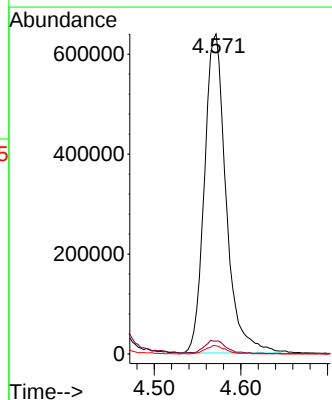
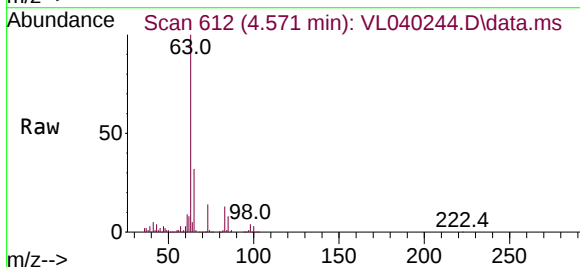
Ion	Ratio	Lower	Upper
43	100		
86	6.8	5.6	8.4
42	9.7	7.6	11.4
44	5.5	4.8	7.2

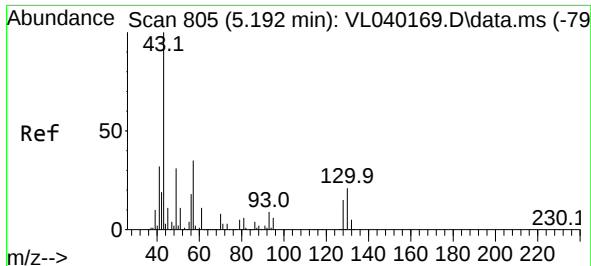


#24
 1,1-Dichloroethane
 Concen: 11.013 ppbv
 RT: 4.571 min Scan# 612
 Delta R.T. 0.000 min
 Lab File: VL040244.D
 Acq: 28 Feb 2023 11:15

Tgt Ion: 63 Resp: 1106940

Ion	Ratio	Lower	Upper
63	100		
98	3.8	2.3	6.8
100	2.6	1.4	4.0



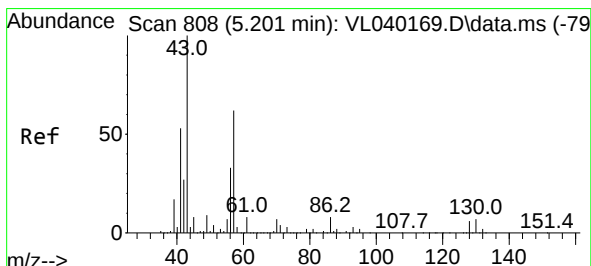
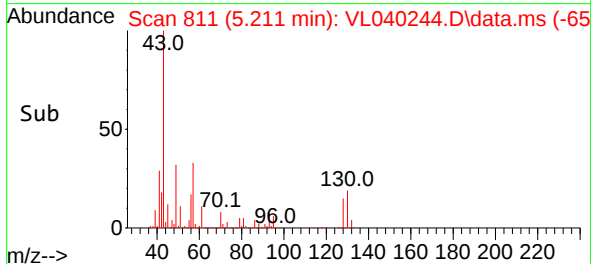
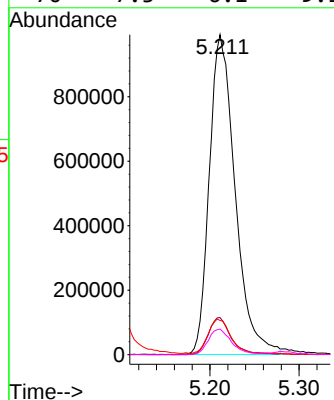
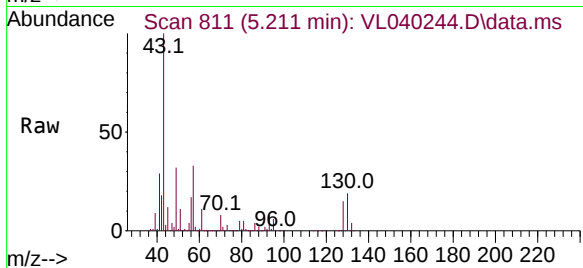


#25
Ethyl Acetate
Concen: 10.114 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

Instrument :
MSVOA_L
ClientSampleId :
VL0228ABS01

Tgt Ion: 43 Resp: 1992166

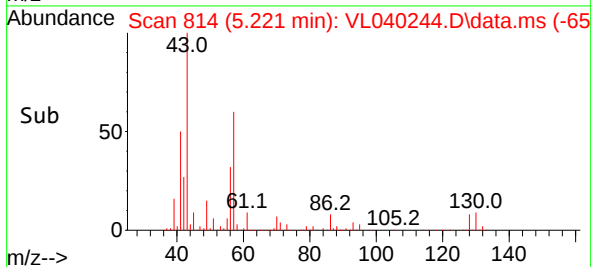
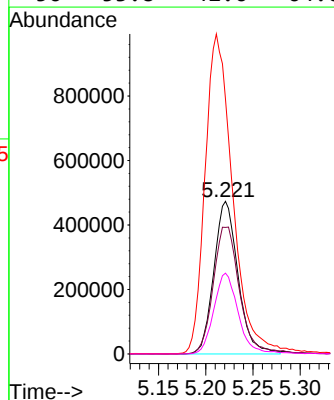
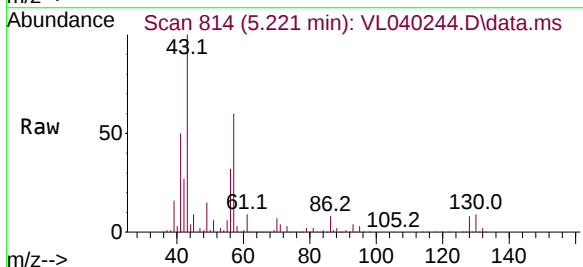
Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.3	12.5
61	10.4	8.4	12.6
70	7.3	6.1	9.1

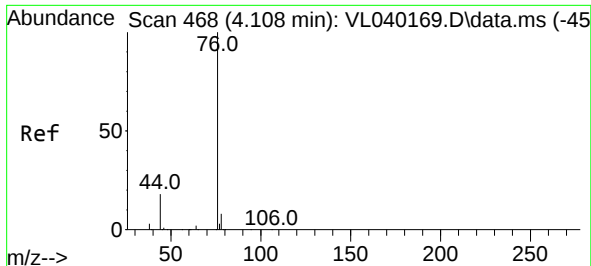


#26
Hexane
Concen: 9.973 ppbv
RT: 5.221 min Scan# 814
Delta R.T. -0.003 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

Tgt Ion: 57 Resp: 843365

Ion	Ratio	Lower	Upper
57	100		
41	91.2	74.3	111.5
43	240.3	193.0	289.4
56	53.8	42.6	64.0





#27

Carbon Disulfide

Concen: 12.350 ppbv

RT: 4.128 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL040244.D

Acq: 28 Feb 2023 11:15

Instrument :

MSVOA_L

ClientSampleId :

VL0228ABS01

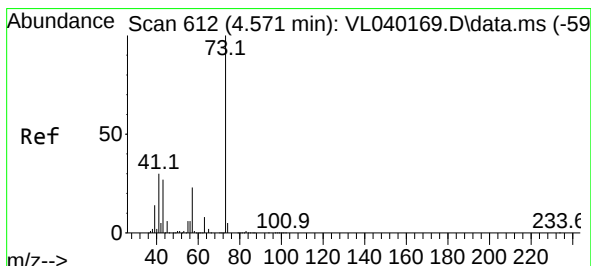
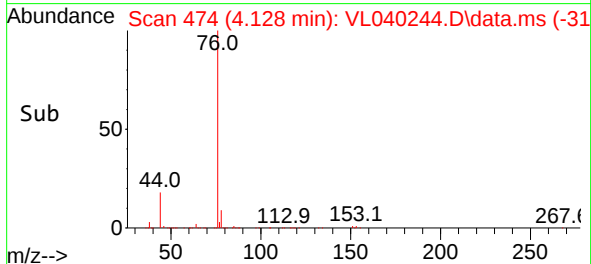
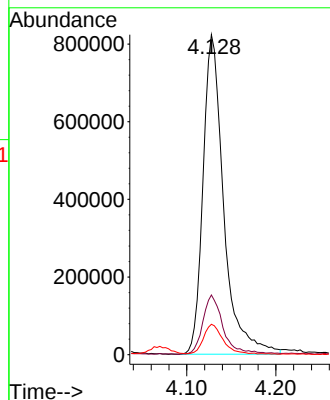
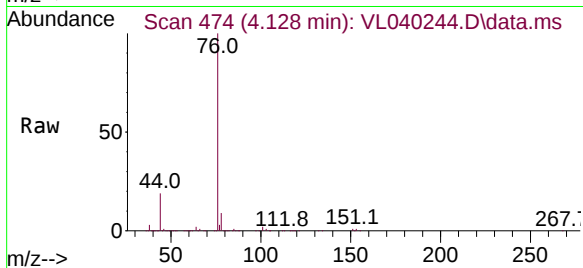
Tgt Ion: 76 Resp: 1325188

Ion Ratio Lower Upper

76 100

44 18.5 15.3 22.9

78 9.3 7.7 11.5



#28

Methyl tert-Butyl Ether

Concen: 10.891 ppbv

RT: 4.591 min Scan# 618

Delta R.T. 0.000 min

Lab File: VL040244.D

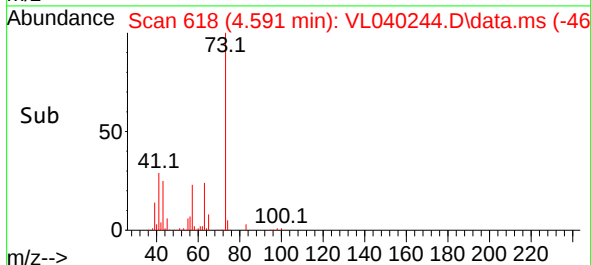
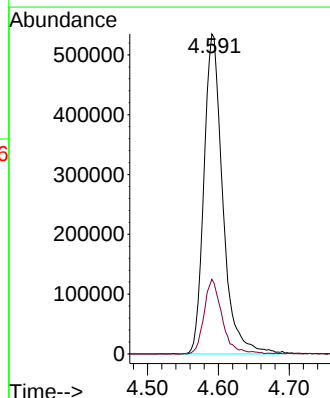
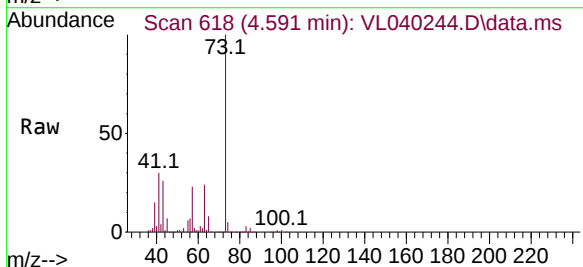
Acq: 28 Feb 2023 11:15

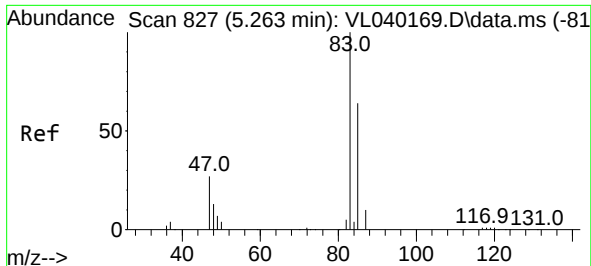
Tgt Ion: 73 Resp: 986821

Ion Ratio Lower Upper

73 100

57 22.6 18.8 28.2

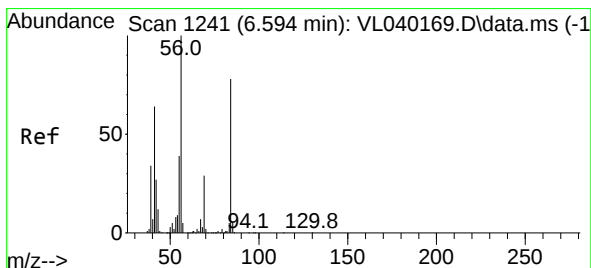
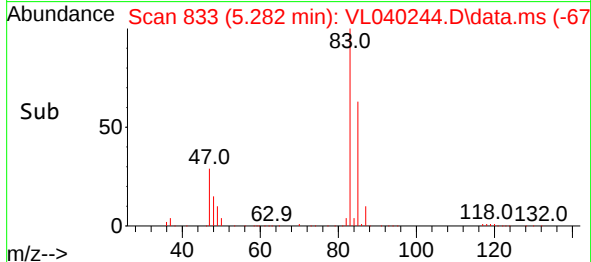
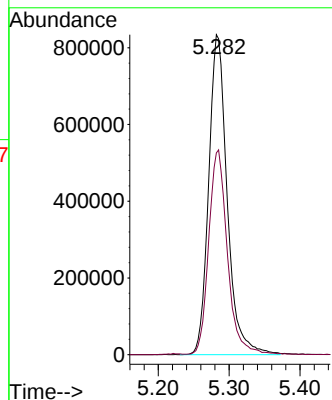
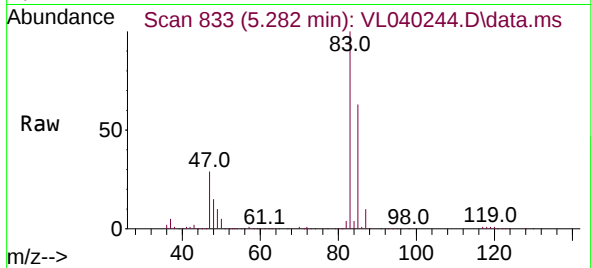




#29
Chloroform
Concen: 10.421 ppbv
RT: 5.282 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

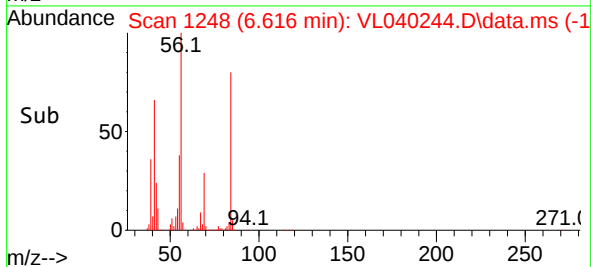
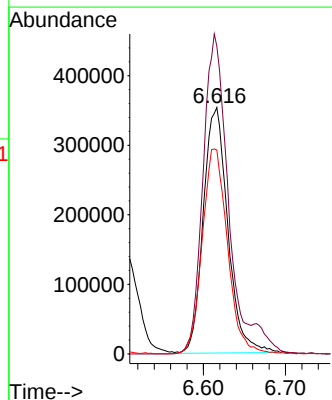
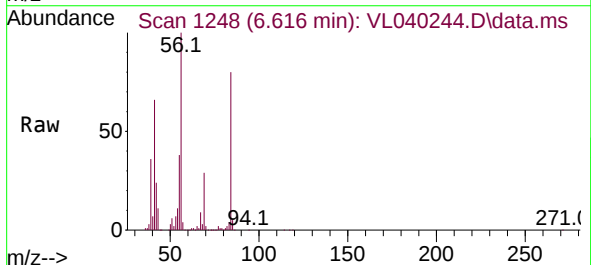
Instrument :
MSVOA_L
ClientSampleId :
VL0228ABS01

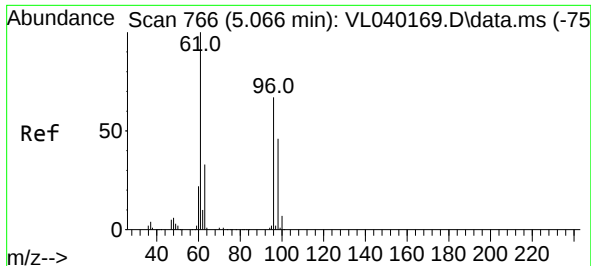
Tgt Ion: 83 Resp: 1513074
Ion Ratio Lower Upper
83 100
85 62.8 51.5 77.3



#30
Cyclohexane
Concen: 11.088 ppbv
RT: 6.616 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

Tgt Ion: 84 Resp: 736220
Ion Ratio Lower Upper
84 100
56 137.6 109.9 164.9
41 86.3 67.8 101.6

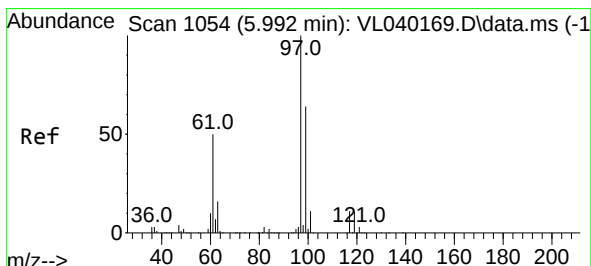
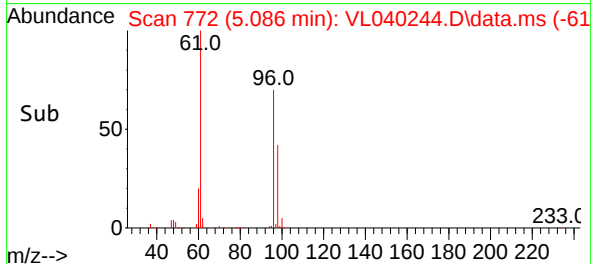
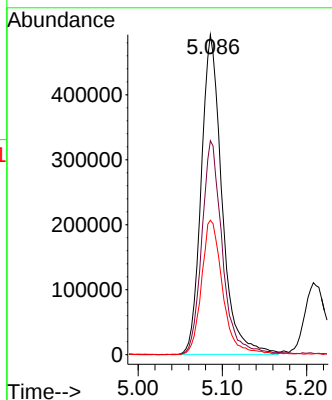
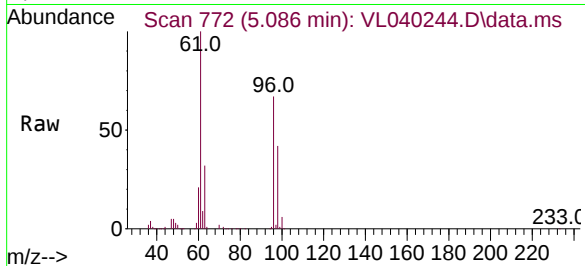




#31
 cis-1,2-Dichloroethene
 Concen: 10.521 ppbv
 RT: 5.086 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL040244.D
 Acq: 28 Feb 2023 11:15

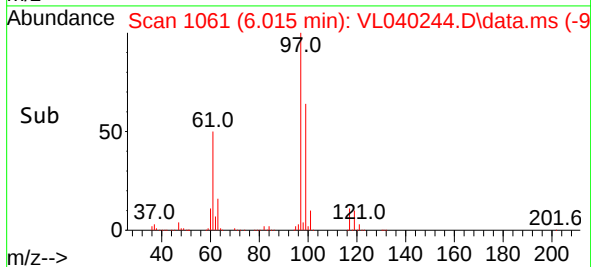
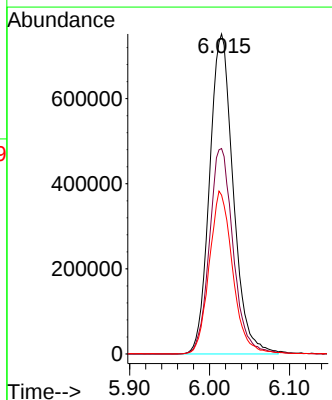
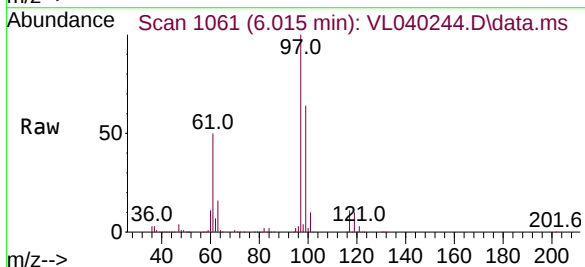
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0228ABS01

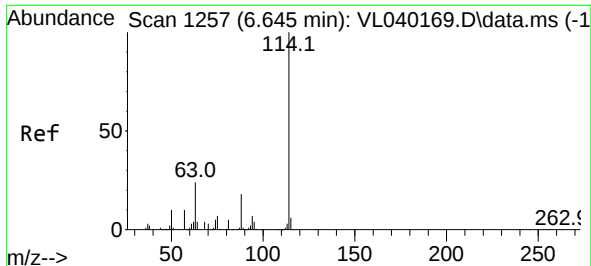
Tgt Ion: 61 Resp: 845290
 Ion Ratio Lower Upper
 61 100
 96 66.9 53.7 80.5
 98 42.0 36.4 54.6



#32
 1,1,1-Trichloroethane
 Concen: 11.326 ppbv
 RT: 6.015 min Scan# 1061
 Delta R.T. 0.000 min
 Lab File: VL040244.D
 Acq: 28 Feb 2023 11:15

Tgt Ion: 97 Resp: 1545037
 Ion Ratio Lower Upper
 97 100
 99 64.8 51.5 77.3
 61 50.4 40.6 60.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.668 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040244.D

Acq: 28 Feb 2023 11:15

Instrument :

MSVOA_1

ClientSampleId :

VL0228ABS01

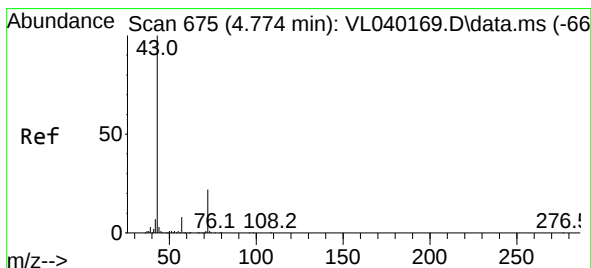
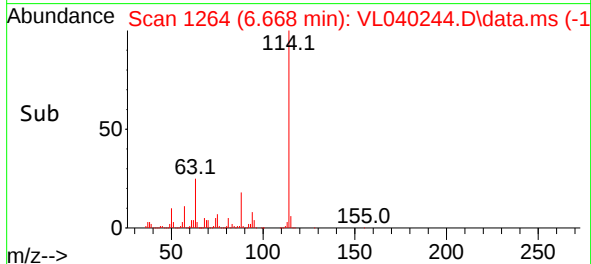
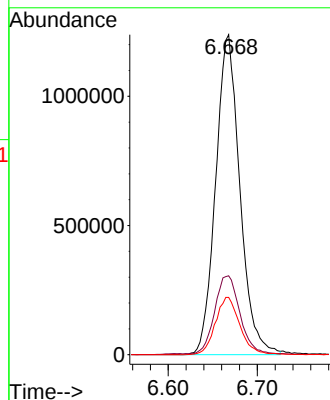
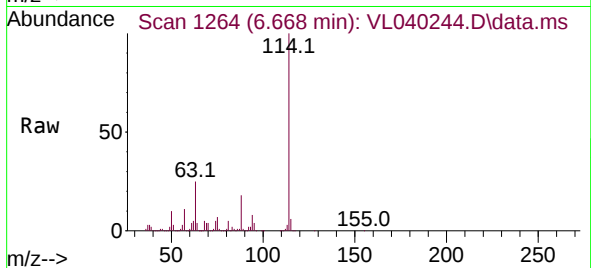
Tgt Ion:114 Resp: 2342961

Ion Ratio Lower Upper

114 100

63 26.6 20.4 30.6

88 18.2 14.3 21.5



#34

2-Butanone

Concen: 10.187 ppbv

RT: 4.793 min Scan# 681

Delta R.T. 0.000 min

Lab File: VL040244.D

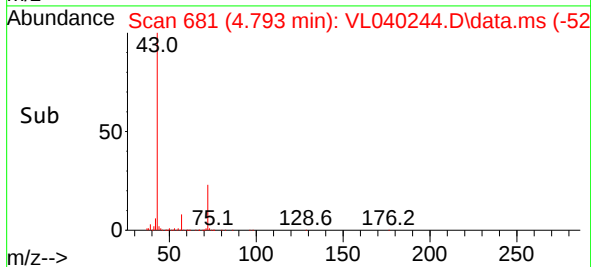
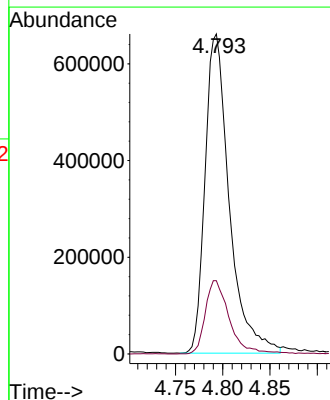
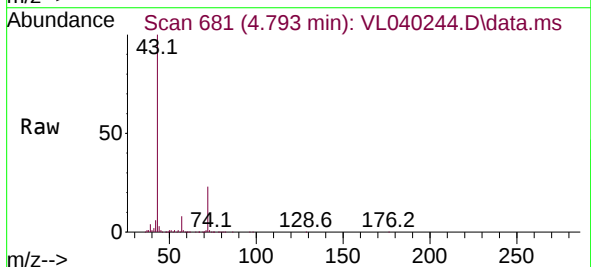
Acq: 28 Feb 2023 11:15

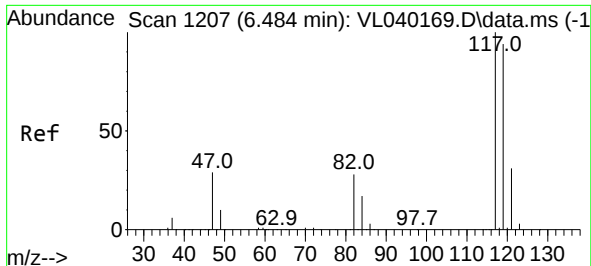
Tgt Ion: 43 Resp: 1177403

Ion Ratio Lower Upper

43 100

72 23.3 17.8 26.8

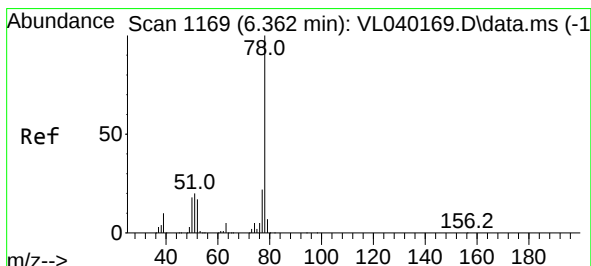
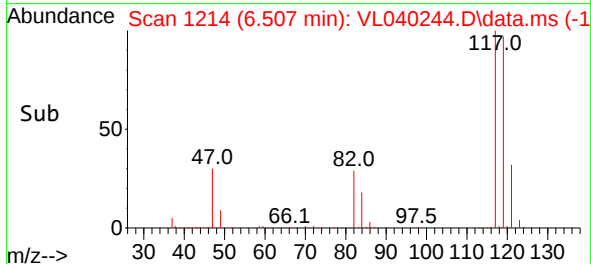
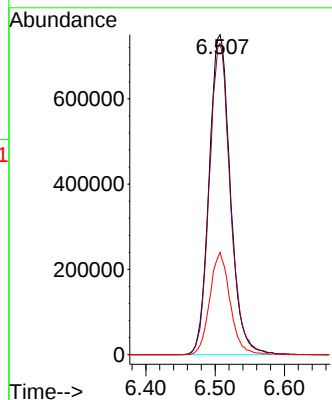
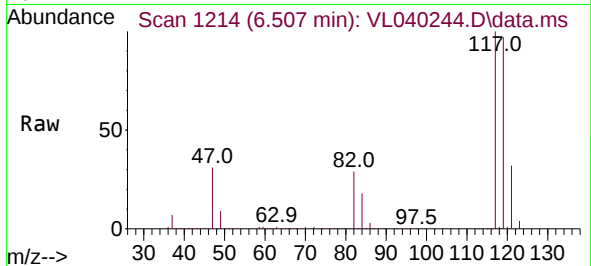




#35
Carbon Tetrachloride
Concen: 11.516 ppbv
RT: 6.507 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

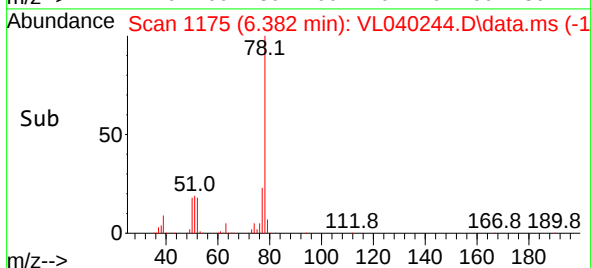
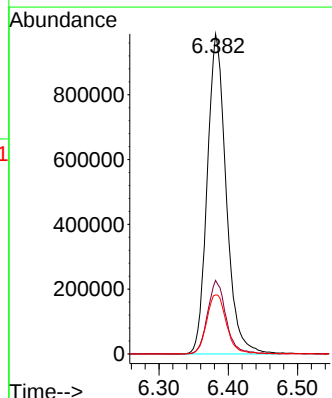
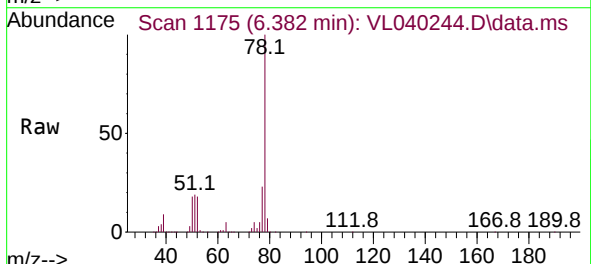
Instrument :
MSVOA_L
ClientSampleId :
VL0228ABS01

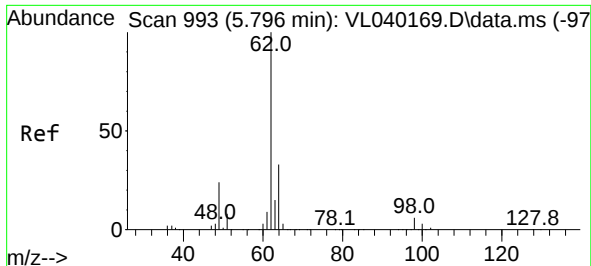
Tgt Ion:117 Resp: 1595002
Ion Ratio Lower Upper
117 100
119 97.2 75.0 112.6
121 31.9 25.0 37.4



#36
Benzene
Concen: 10.249 ppbv
RT: 6.382 min Scan# 1175
Delta R.T. -0.003 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

Tgt Ion: 78 Resp: 1868656
Ion Ratio Lower Upper
78 100
77 23.0 17.5 26.3
50 18.5 14.6 22.0

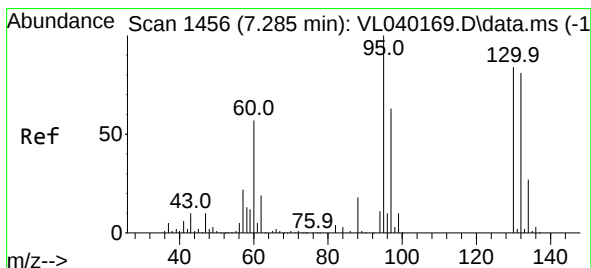
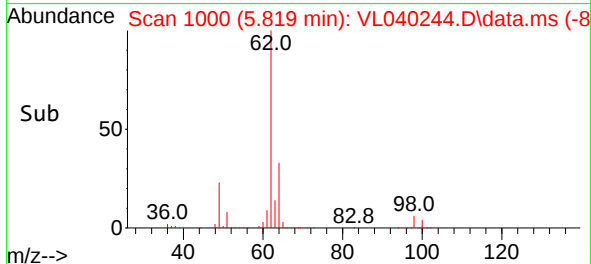
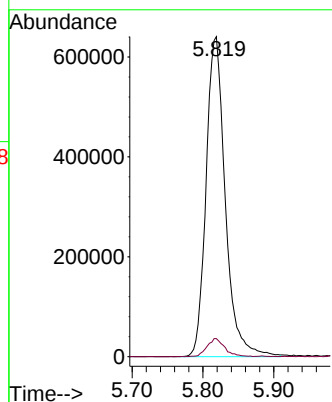
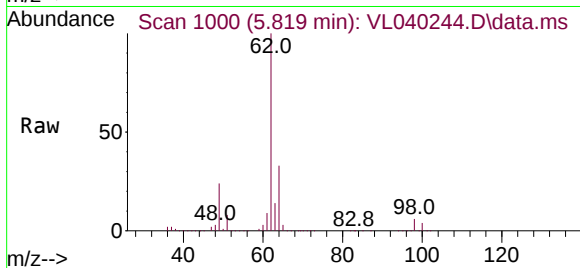




#37
1,2-Dichloroethane
Concen: 10.582 ppbv
RT: 5.819 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

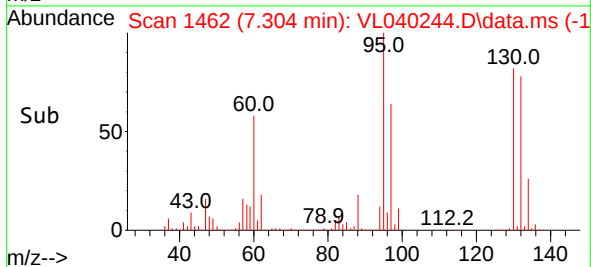
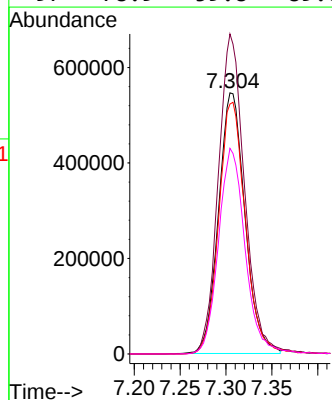
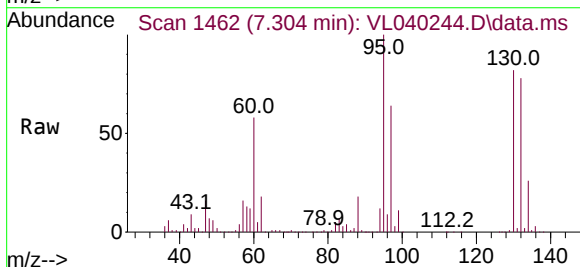
Instrument :
MSVOA_L
ClientSampleId :
VL0228ABS01

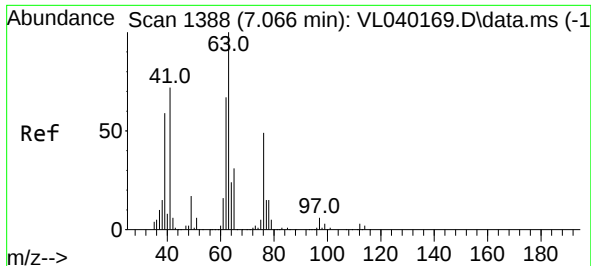
Tgt Ion: 62 Resp: 1206785
Ion Ratio Lower Upper
62 100
98 5.5 4.7 7.1



#38
Trichloroethene
Concen: 10.878 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. -0.003 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

Tgt Ion:130 Resp: 1092944
Ion Ratio Lower Upper
130 100
95 122.8 94.7 142.1
132 96.0 76.4 114.6
97 78.9 59.8 89.6





#39

1,2-Dichloropropane

Concen: 10.124 ppbv

RT: 7.086 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040244.D

Acq: 28 Feb 2023 11:15

Instrument :

MSVOA_L

ClientSampleId :

VL0228ABS01

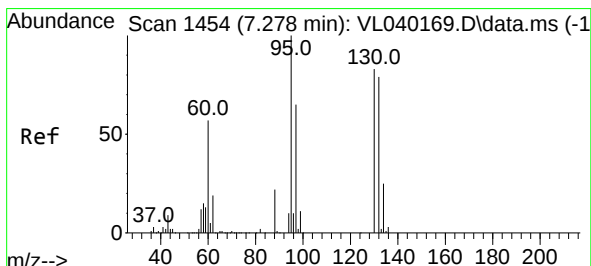
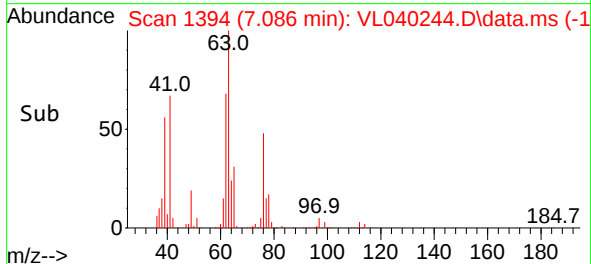
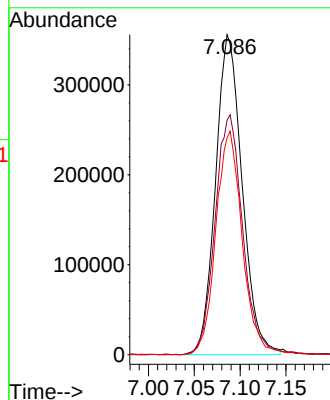
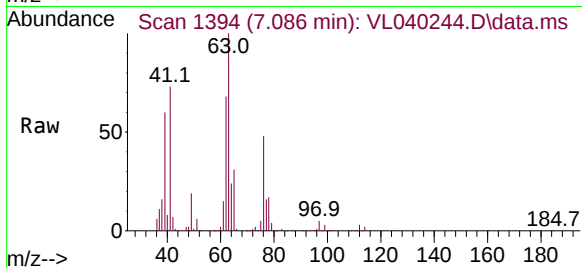
Tgt Ion: 63 Resp: 718118

Ion Ratio Lower Upper

63 100

41 73.3 57.6 86.4

62 67.7 54.0 81.0



#40

1,4-Dioxane

Concen: 9.599 ppbv

RT: 7.301 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VL040244.D

Acq: 28 Feb 2023 11:15

Tgt Ion: 88 Resp: 272351

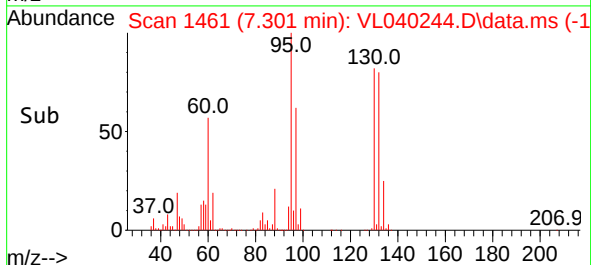
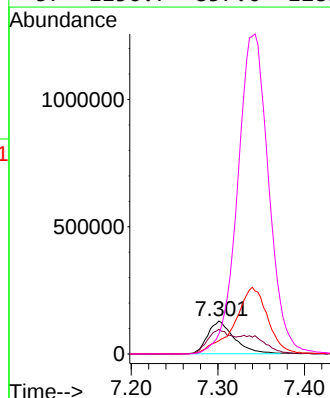
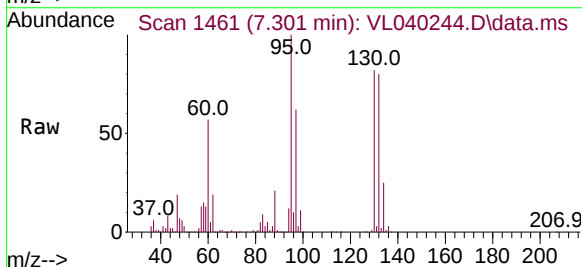
Ion Ratio Lower Upper

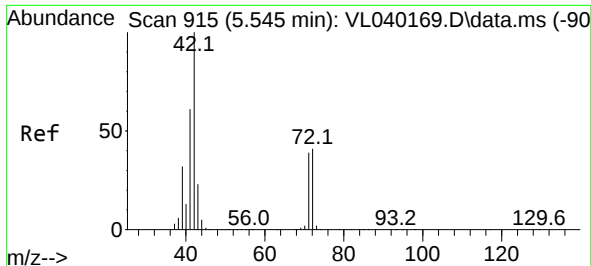
88 100

58 127.5 97.4 146.0

43 257.4 193.5 290.3

57 1156.7 857.0 1285.6





#41

Tetrahydrofuran

Concen: 10.173 ppbv

RT: 5.568 min Scan# 915

Delta R.T. 0.000 min

Lab File: VL040244.D

Acq: 28 Feb 2023 11:15

Instrument :

MSVOA_L

ClientSampleId :

VL0228ABS01

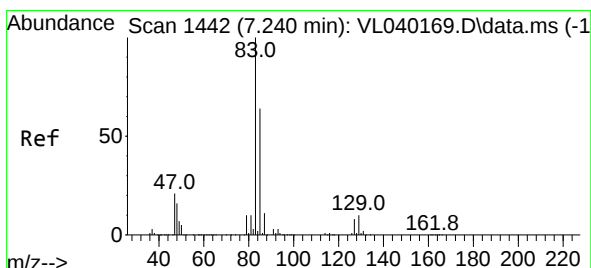
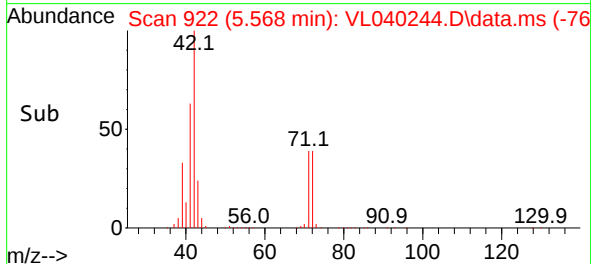
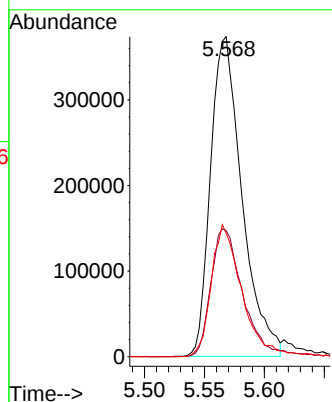
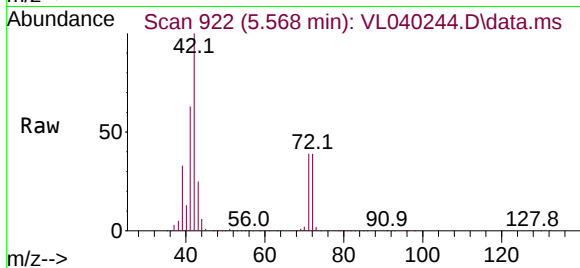
Tgt Ion: 42 Resp: 681390

Ion Ratio Lower Upper

42 100

72 41.3 33.0 49.4

71 40.7 31.4 47.2



#42

Bromodichloromethane

Concen: 10.864 ppbv

RT: 7.263 min Scan# 1449

Delta R.T. 0.000 min

Lab File: VL040244.D

Acq: 28 Feb 2023 11:15

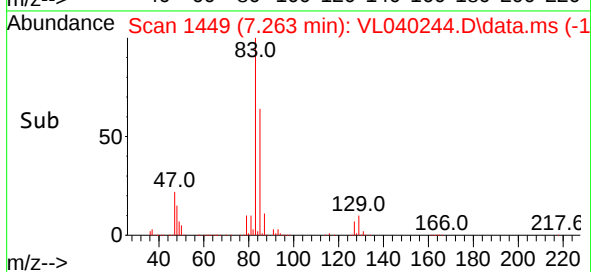
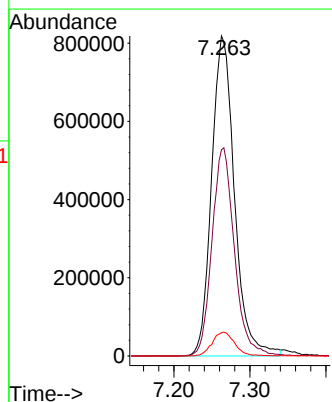
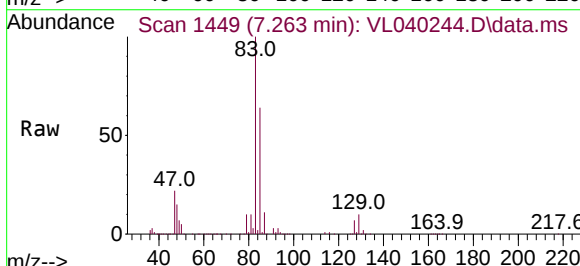
Tgt Ion: 83 Resp: 1710062

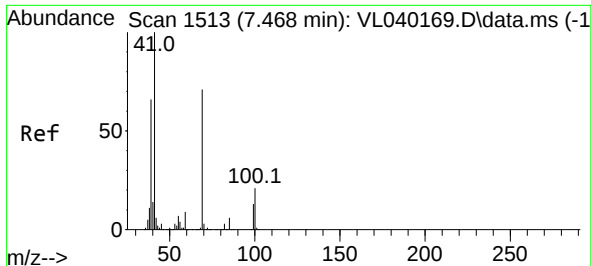
Ion Ratio Lower Upper

83 100

85 64.5 50.9 76.3

127 7.3 6.2 9.2

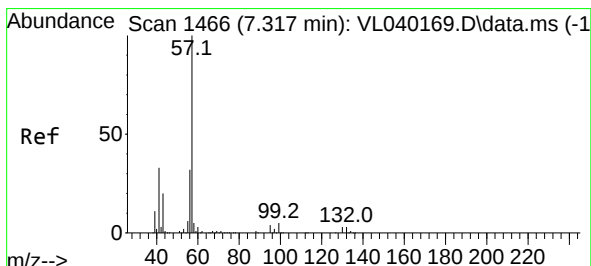
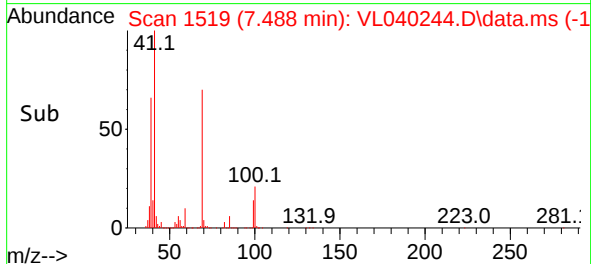
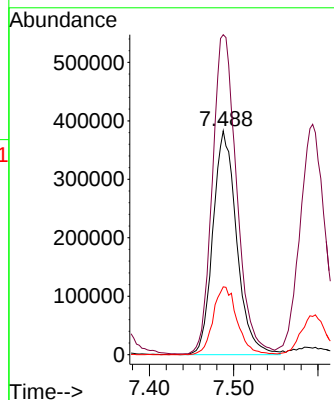
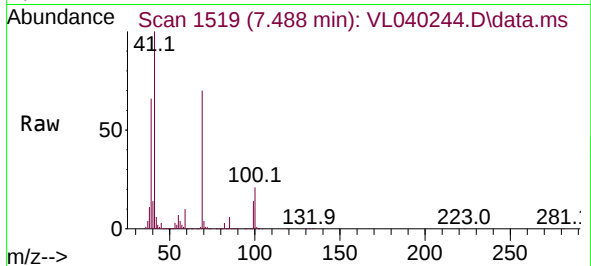




#43
Methyl Methacrylate
Concen: 11.080 ppbv
RT: 7.488 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

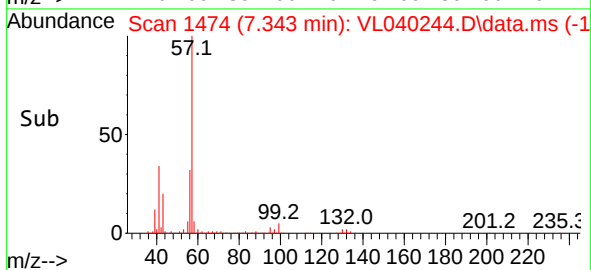
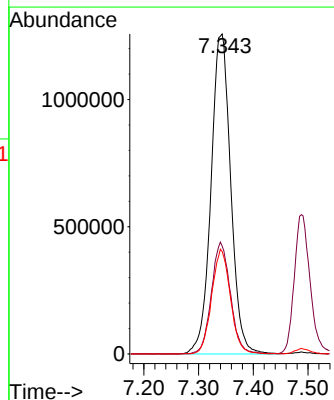
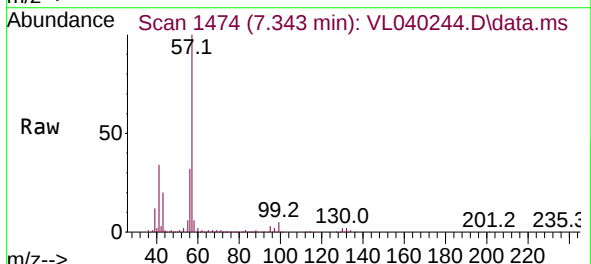
Instrument :
MSVOA_L
ClientSampleId :
VL0228ABS01

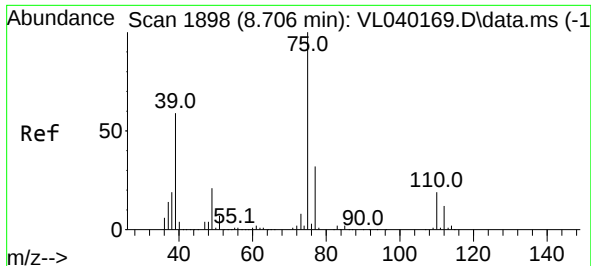
Tgt Ion: 69 Resp: 747522
Ion Ratio Lower Upper
69 100
41 146.6 116.6 174.8
100 30.6 25.6 38.4



#44
2,2,4-Trimethylpentane
Concen: 10.340 ppbv
RT: 7.343 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

Tgt Ion: 57 Resp: 3147246
Ion Ratio Lower Upper
57 100
41 33.8 26.2 39.4
56 31.2 24.9 37.3

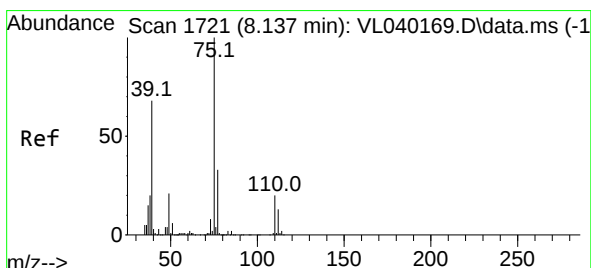
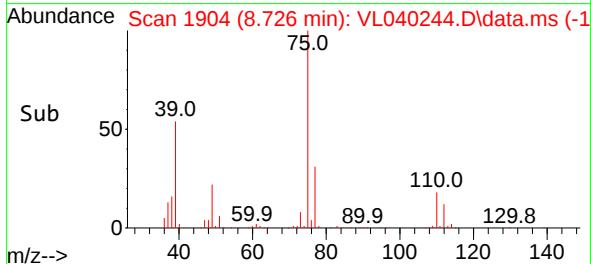
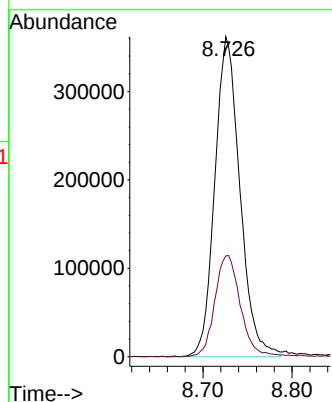
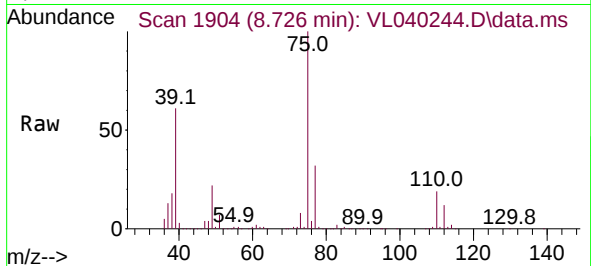




#45
 t-1,3-Dichloropropene
 Concen: 11.846 ppbv
 RT: 8.726 min Scan# 1904
 Delta R.T. -0.003 min
 Lab File: VL040244.D
 Acq: 28 Feb 2023 11:15

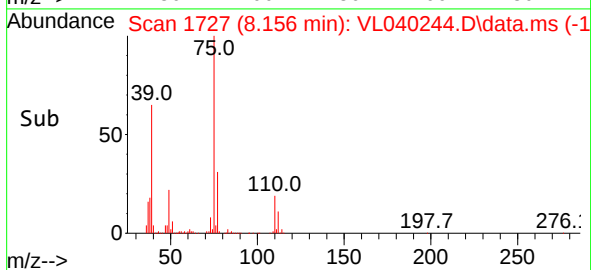
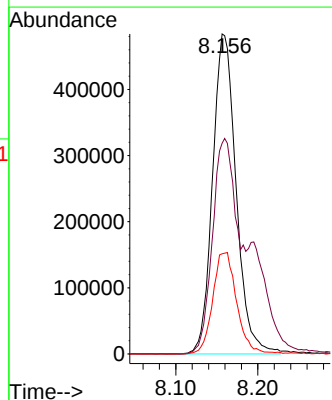
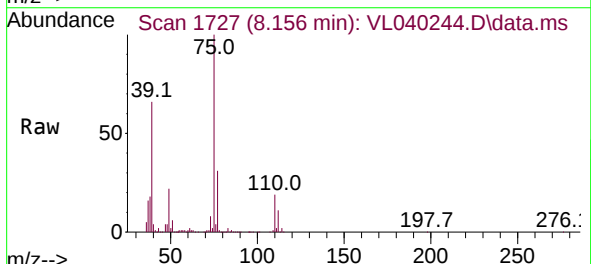
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0228ABS01

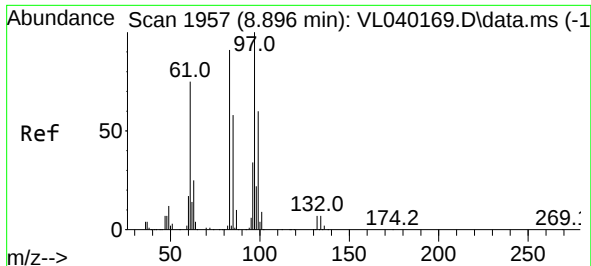
Tgt Ion: 75 Resp: 708979
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.7 38.5



#46
 cis-1,3-Dichloropropene
 Concen: 11.603 ppbv
 RT: 8.156 min Scan# 1727
 Delta R.T. -0.003 min
 Lab File: VL040244.D
 Acq: 28 Feb 2023 11:15

Tgt Ion: 75 Resp: 967422
 Ion Ratio Lower Upper
 75 100
 39 65.8 54.2 81.2
 77 31.2 26.0 39.0





#47

1,1,2-Trichloroethane

Concen: 10.171 ppbv

RT: 8.915 min Scan# 1957

Delta R.T. -0.003 min

Lab File: VL040244.D

Acq: 28 Feb 2023 11:15

Instrument :

MSVOA_L

ClientSampleId :

VL0228ABS01

Tgt Ion: 97 Resp: 780339

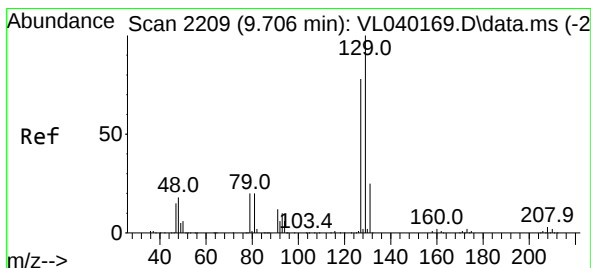
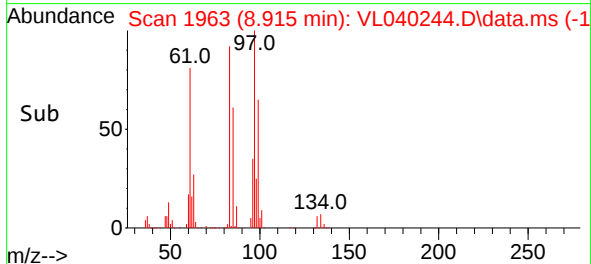
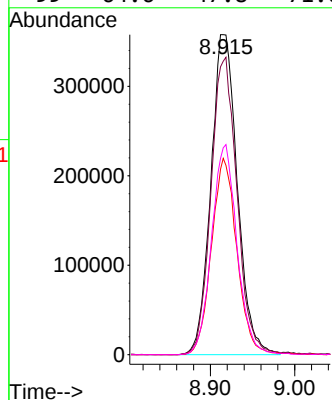
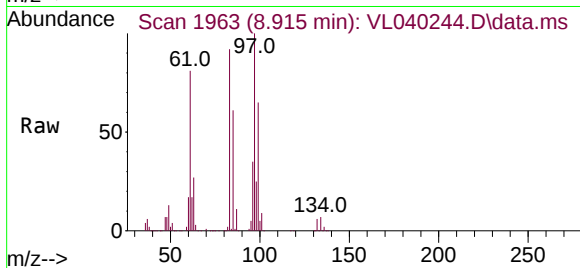
Ion Ratio Lower Upper

97 100

83 91.6 72.8 109.2

85 61.3 46.6 69.8

99 64.6 47.8 71.6



#48

Dibromochloromethane

Concen: 11.080 ppbv

RT: 9.726 min Scan# 2215

Delta R.T. -0.003 min

Lab File: VL040244.D

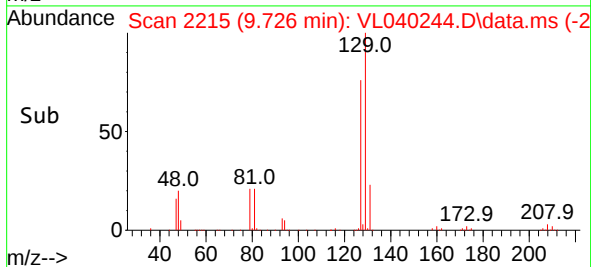
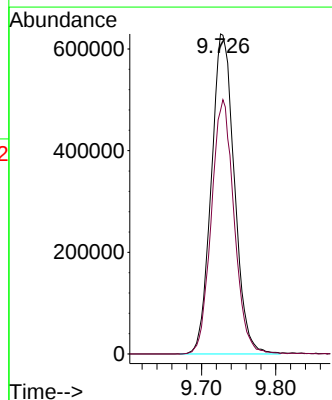
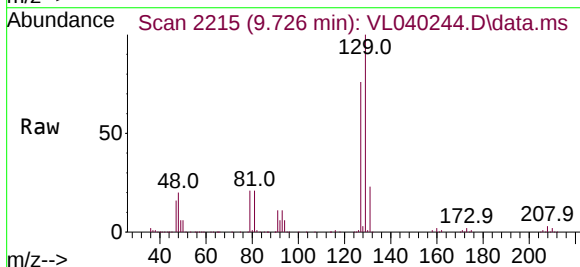
Acq: 28 Feb 2023 11:15

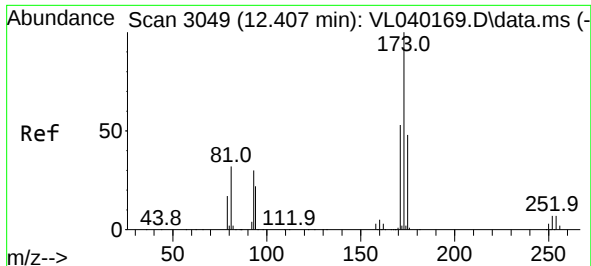
Tgt Ion: 129 Resp: 1359590

Ion Ratio Lower Upper

129 100

127 78.6 39.1 117.2

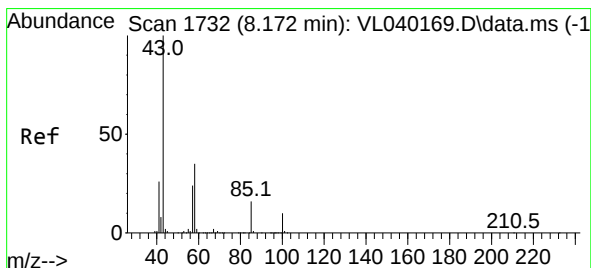
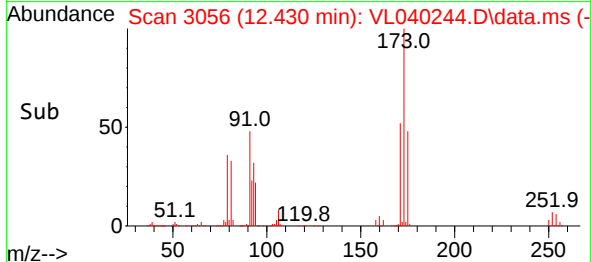
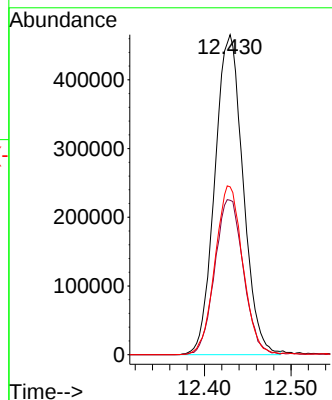
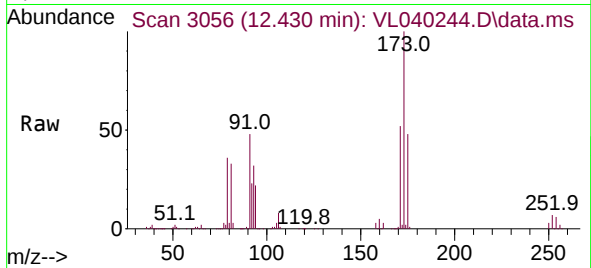




#49
Bromoform
Concen: 11.027 ppbv
RT: 12.430 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

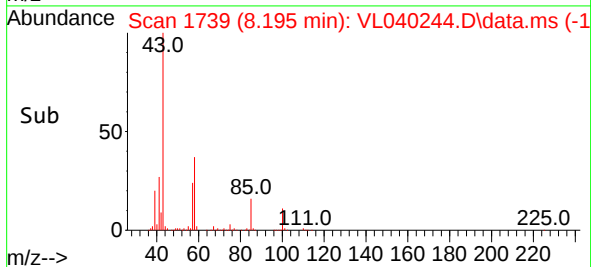
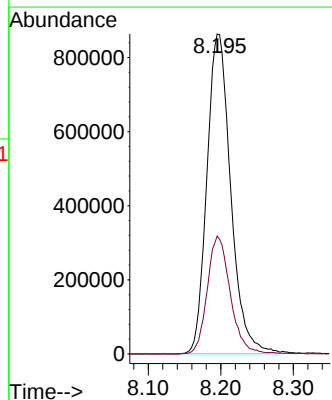
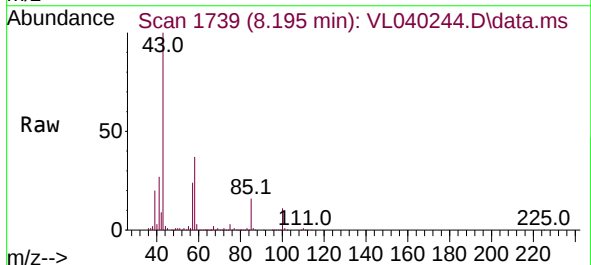
Instrument :
MSVOA_L
ClientSampleId :
VL0228ABS01

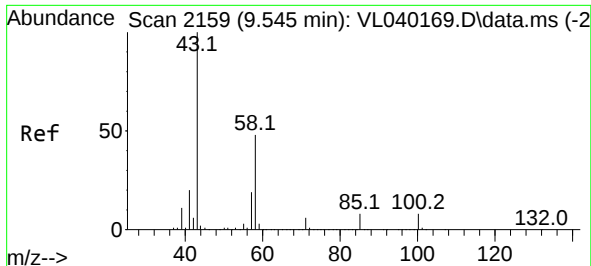
Tgt Ion:173 Resp: 1056091
Ion Ratio Lower Upper
173 100
175 49.5 39.4 59.0
171 52.2 41.8 62.6



#50
4-Methyl-2-Pentanone
Concen: 10.993 ppbv
RT: 8.195 min Scan# 1739
Delta R.T. 0.000 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

Tgt Ion: 43 Resp: 1972793
Ion Ratio Lower Upper
43 100
58 35.8 29.2 43.8

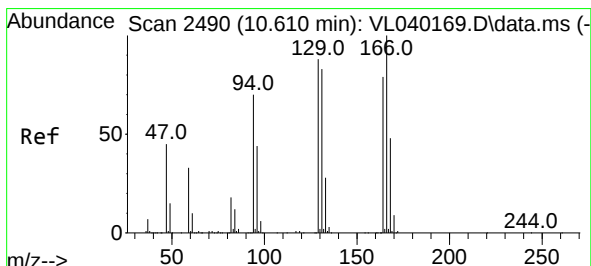
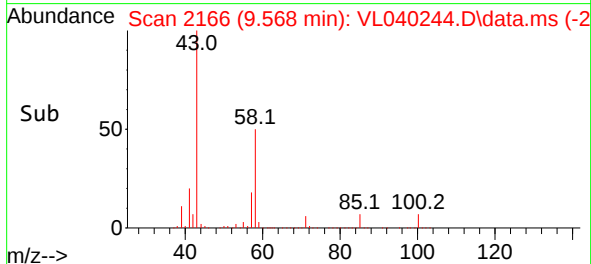
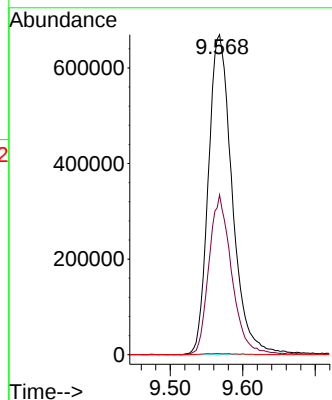
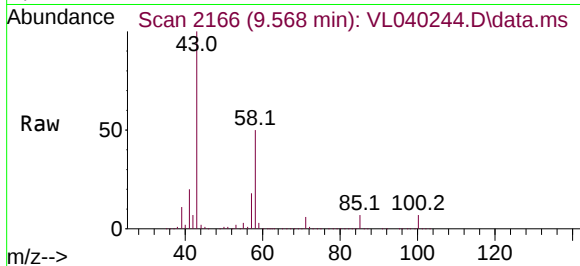




#51
2-Hexanone
Concen: 11.043 ppbv
RT: 9.568 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

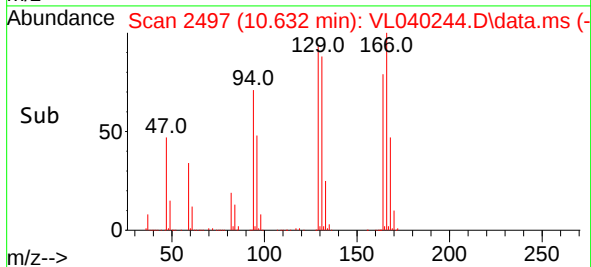
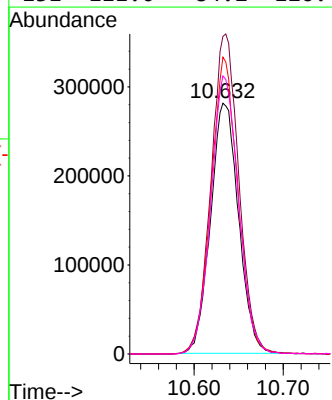
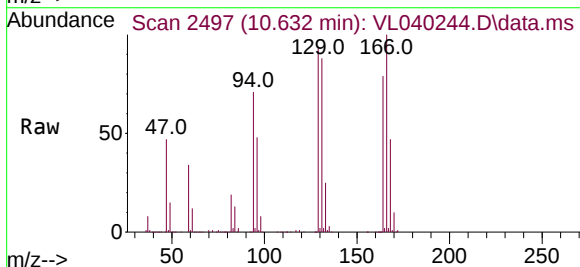
Instrument :
MSVOA_L
ClientSampleId :
VL0228ABS01

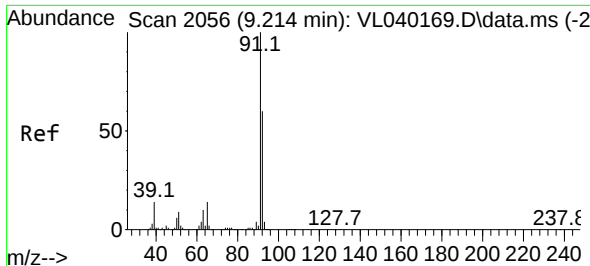
Tgt Ion: 43 Resp: 1524041
Ion Ratio Lower Upper
43 100
58 48.3 39.1 58.7
98 0.5 0.2 0.4#



#52
Tetrachloroethene
Concen: 10.752 ppbv
RT: 10.632 min Scan# 2497
Delta R.T. -0.003 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

Tgt Ion:164 Resp: 612183
Ion Ratio Lower Upper
164 100
166 126.7 101.5 152.3
129 118.4 89.0 133.4
131 111.0 84.2 126.4

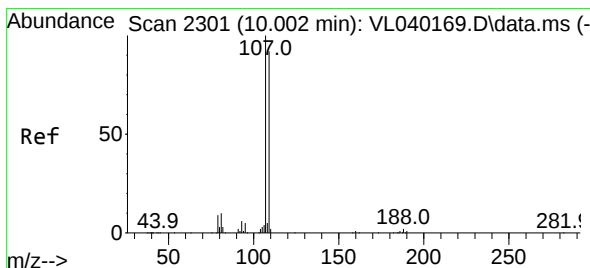
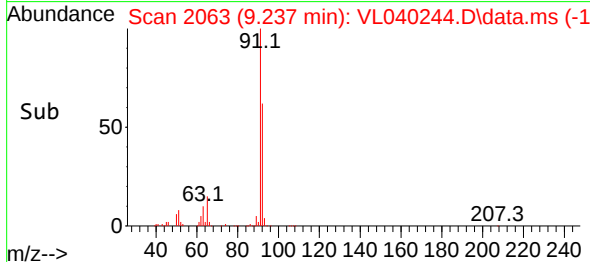
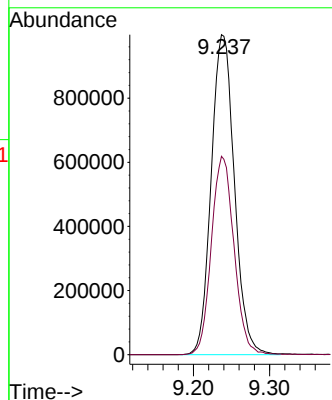
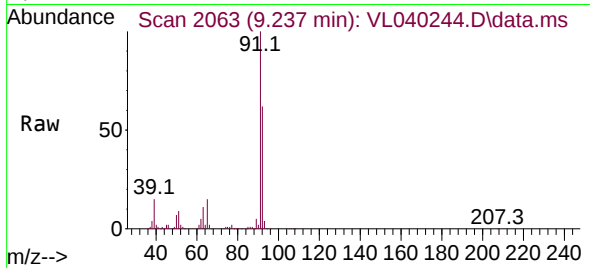




#53
Toluene
Concen: 10.798 ppbv
RT: 9.237 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

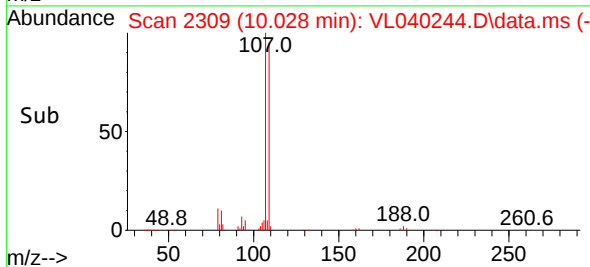
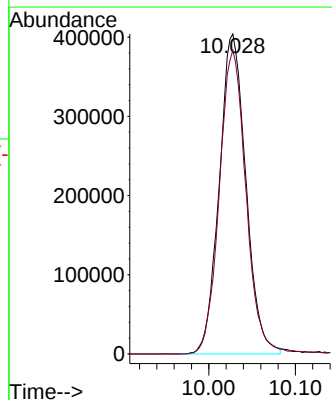
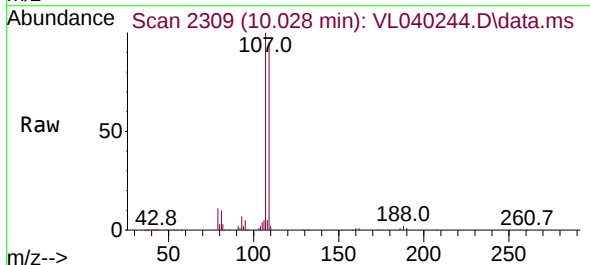
Instrument :
MSVOA_L
ClientSampleId :
VL0228ABS01

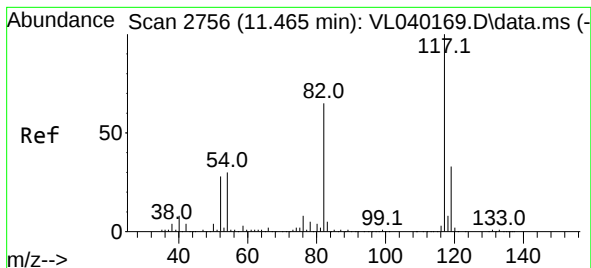
Tgt Ion: 91 Resp: 2108710
Ion Ratio Lower Upper
91 100
92 60.8 48.9 73.3



#54
1,2-Dibromoethane
Concen: 10.787 ppbv
RT: 10.028 min Scan# 2309
Delta R.T. 0.000 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

Tgt Ion: 107 Resp: 861040
Ion Ratio Lower Upper
107 100
109 94.8 73.8 110.8

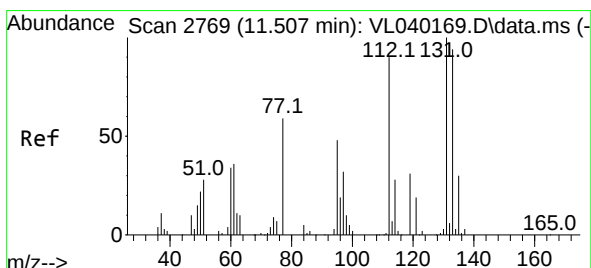
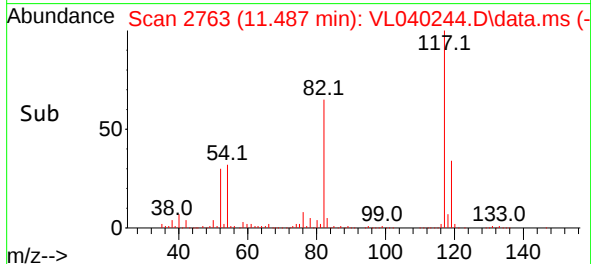
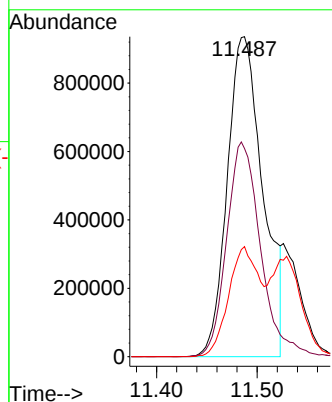
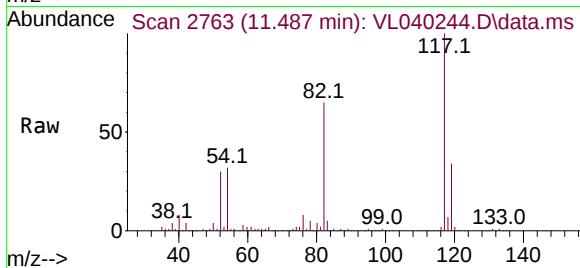




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.487 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

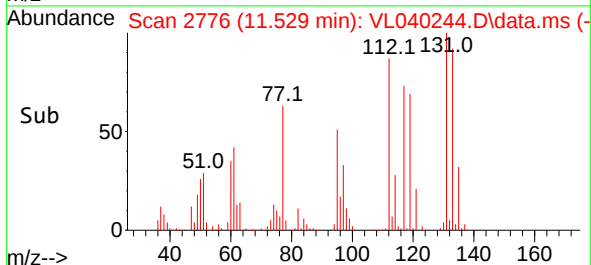
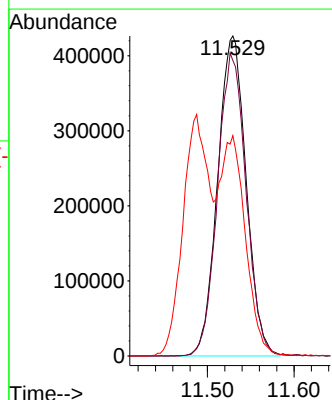
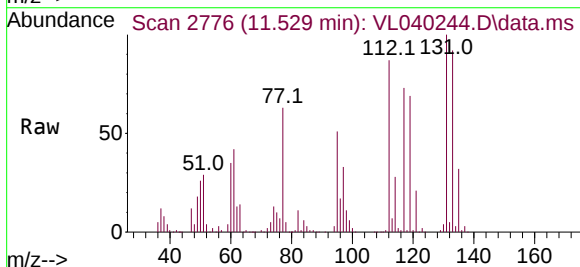
Instrument :
MSVOA_L
ClientSampleId :
VL0228ABS01

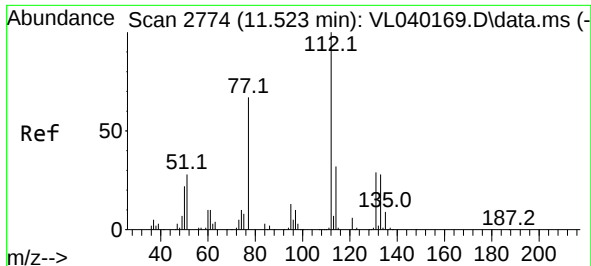
Tgt Ion:117 Resp: 2308639
Ion Ratio Lower Upper
117 100
82 64.1 53.3 79.9
119 27.5 24.6 37.0



#56
1,1,1,2-Tetrachloroethane
Concen: 10.050 ppbv
RT: 11.529 min Scan# 2776
Delta R.T. 0.000 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

Tgt Ion:131 Resp: 973902
Ion Ratio Lower Upper
131 100
133 94.7 76.2 114.2
119 68.4 45.4 68.0#

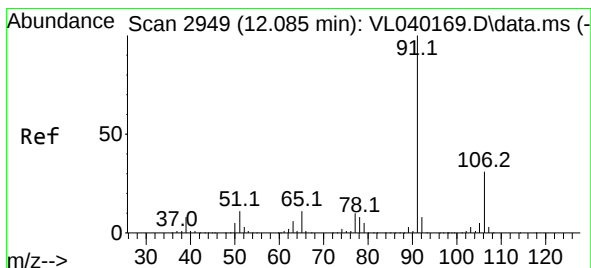
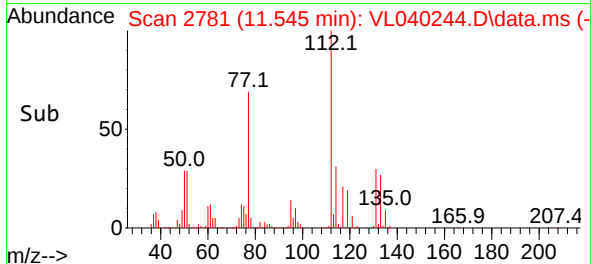
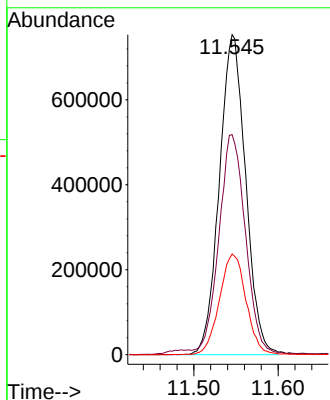
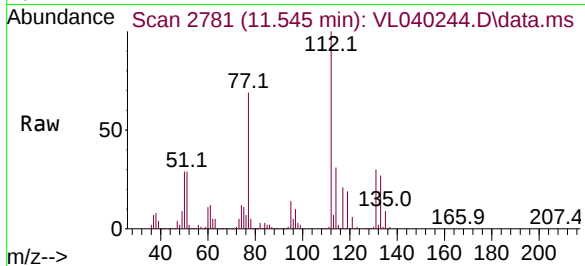




#57
Chlorobenzene
Concen: 9.655 ppbv
RT: 11.545 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

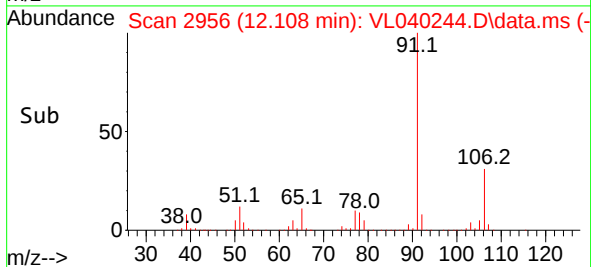
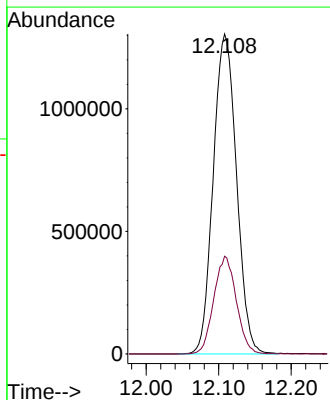
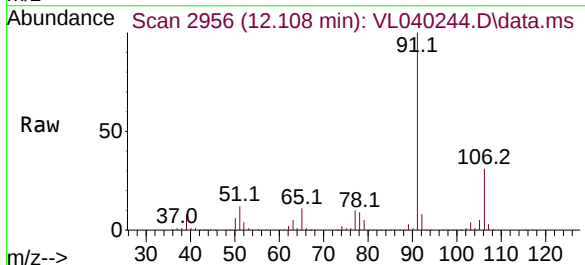
Instrument :
MSVOA_1
ClientSampleId :
VL0228ABS01

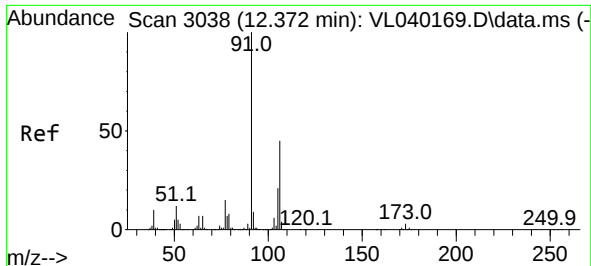
Tgt Ion:112 Resp: 1628518
Ion Ratio Lower Upper
112 100
77 68.1 55.0 82.4
114 31.4 29.0 35.4



#58
Ethyl Benzene
Concen: 10.371 ppbv
RT: 12.108 min Scan# 2956
Delta R.T. -0.003 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

Tgt Ion: 91 Resp: 2909012
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3





#59

m/p-Xylene

Concen: 11.691 ppbv

RT: 12.391 min Scan# 3044

Delta R.T. -0.006 min

Lab File: VL040244.D

Acq: 28 Feb 2023 11:15

Instrument :

MSVOA_L

ClientSampleId :

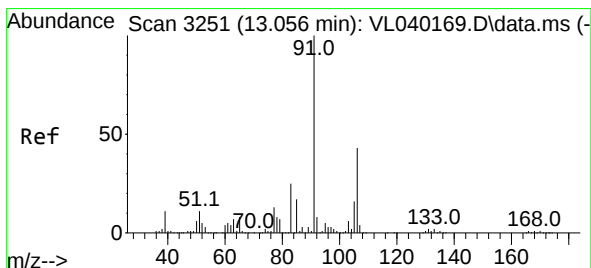
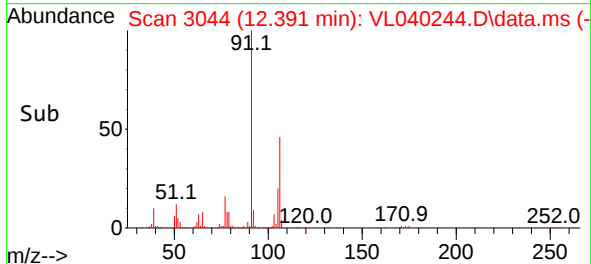
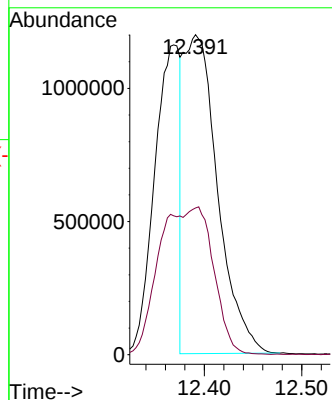
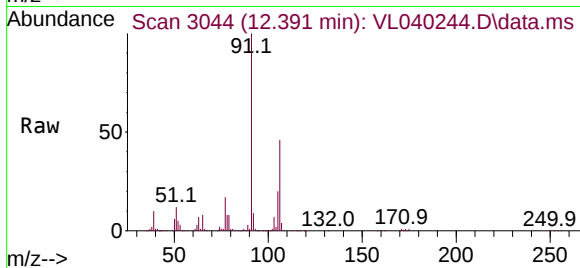
VL0228ABS01

Tgt Ion: 91 Resp: 2904527

Ion Ratio Lower Upper

91 100

106 74.3 34.6 51.8#



#60

o-Xylene

Concen: 10.182 ppbv

RT: 13.079 min Scan# 3258

Delta R.T. -0.003 min

Lab File: VL040244.D

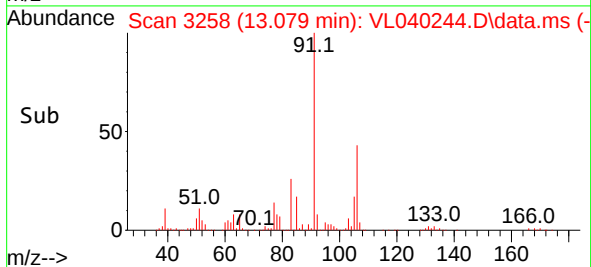
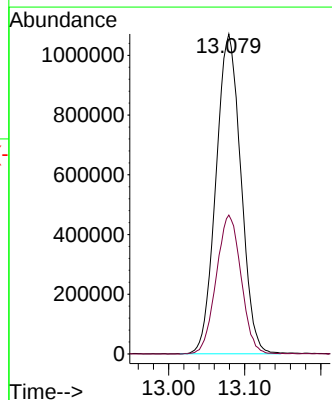
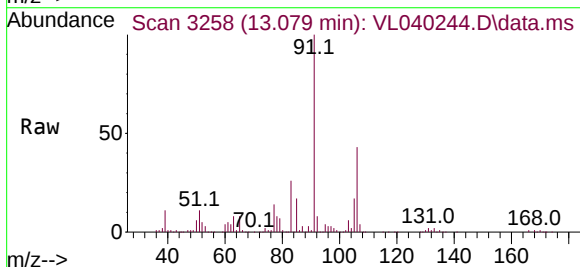
Acq: 28 Feb 2023 11:15

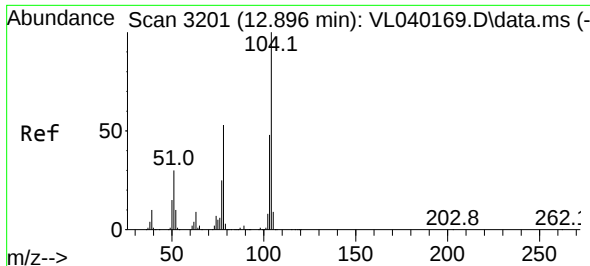
Tgt Ion: 91 Resp: 2434012

Ion Ratio Lower Upper

91 100

106 43.4 21.6 65.0

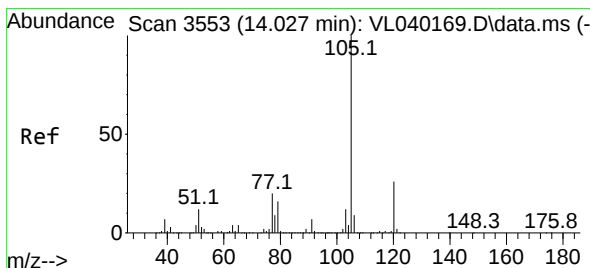
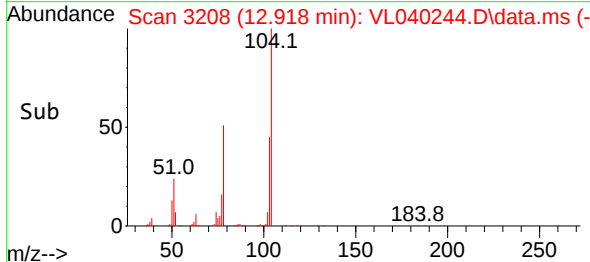
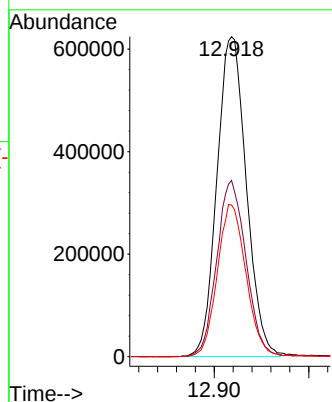
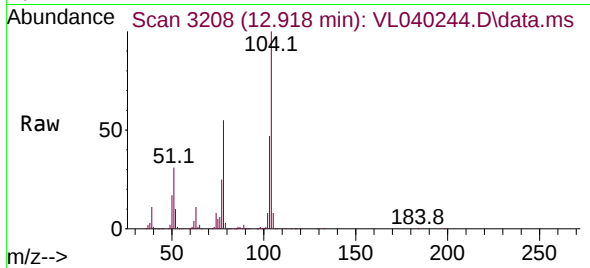




#61
Styrene
Concen: 10.716 ppbv
RT: 12.918 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

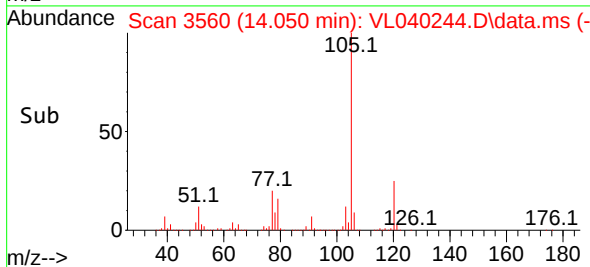
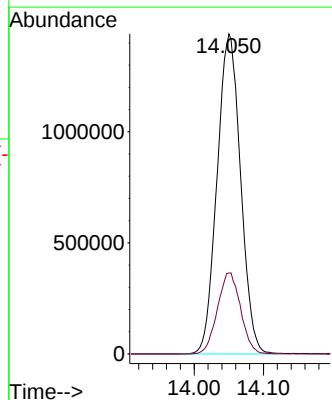
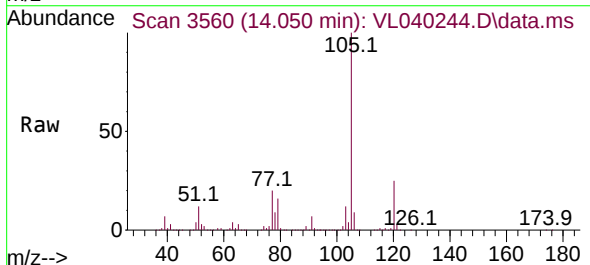
Instrument :
MSVOA_1
ClientSampleId :
VL0228ABS01

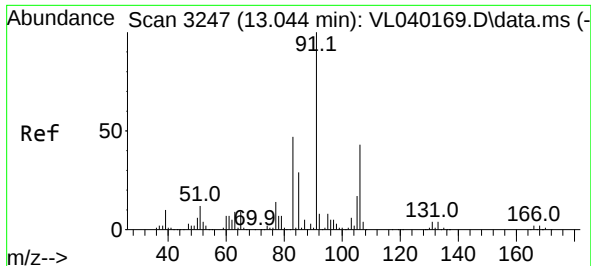
Tgt Ion:104 Resp: 1344988
Ion Ratio Lower Upper
104 100
78 55.1 42.3 63.5
103 46.8 37.5 56.3



#62
Isopropylbenzene
Concen: 9.897 ppbv
RT: 14.050 min Scan# 3560
Delta R.T. -0.003 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

Tgt Ion:105 Resp: 3395800
Ion Ratio Lower Upper
105 100
120 25.0 20.3 30.5





#63

1,1,2,2-Tetrachloroethane

Concen: 9.384 ppbv

RT: 13.069 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL040244.D

Acq: 28 Feb 2023 11:15

Instrument :

MSVOA_L

ClientSampleId :

VL0228ABS01

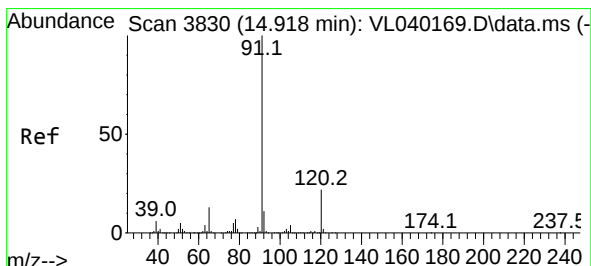
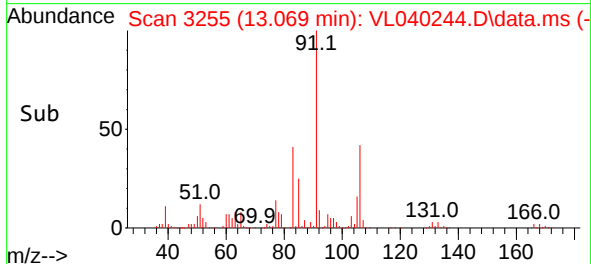
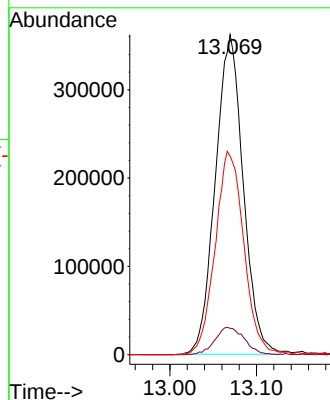
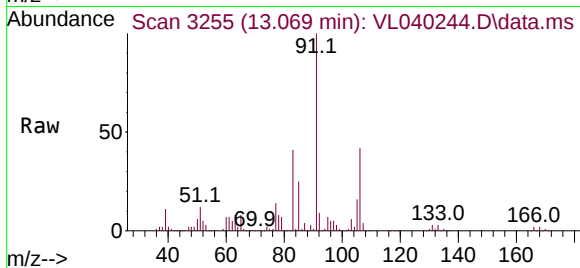
Tgt Ion: 83 Resp: 808441

Ion Ratio Lower Upper

83 100

131 9.0 4.4 13.2

85 66.0 33.0 99.0



#64

n-propylbenzene

Concen: 10.071 ppbv

RT: 14.938 min Scan# 3836

Delta R.T. 0.000 min

Lab File: VL040244.D

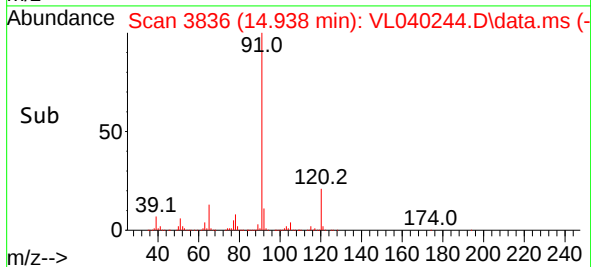
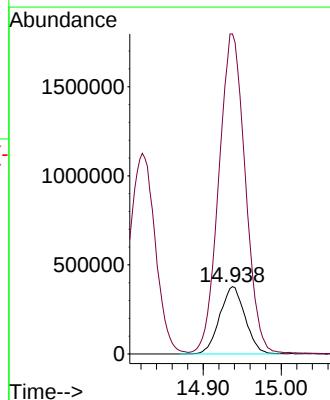
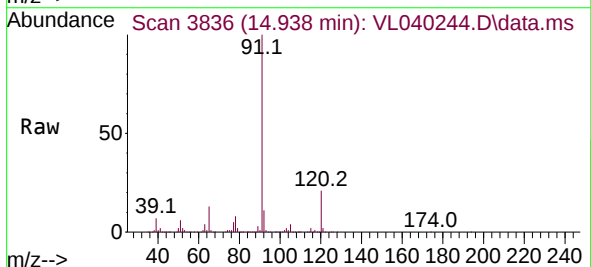
Acq: 28 Feb 2023 11:15

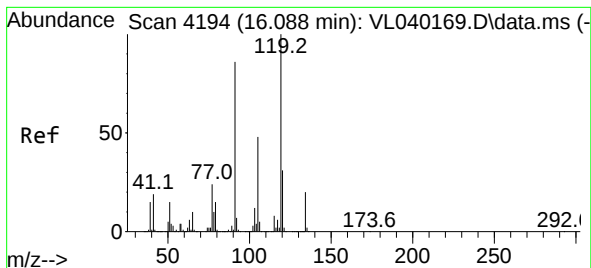
Tgt Ion:120 Resp: 855278

Ion Ratio Lower Upper

120 100

91 498.2 389.8 584.8

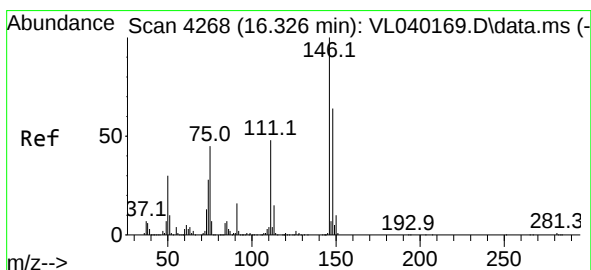
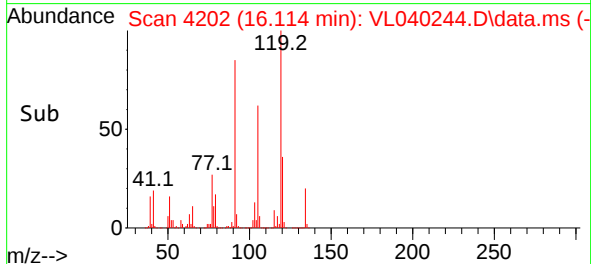
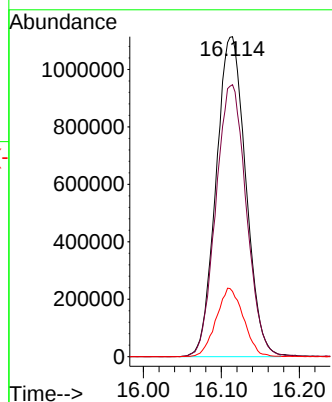
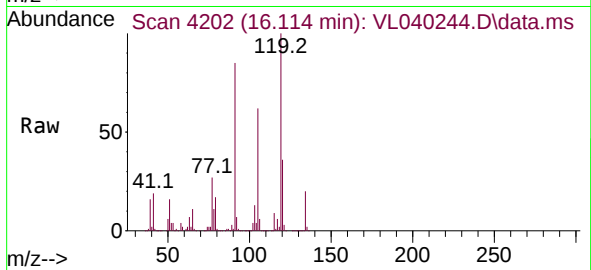




#65
tert-Butylbenzene
Concen: 9.881 ppbv
RT: 16.114 min Scan# 4194
Delta R.T. 0.000 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

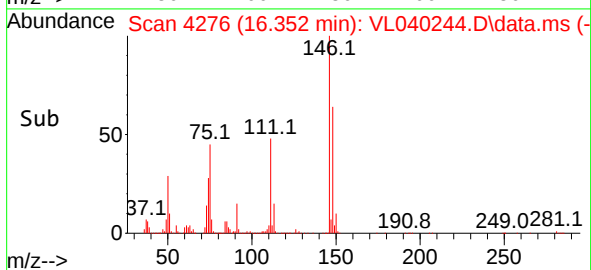
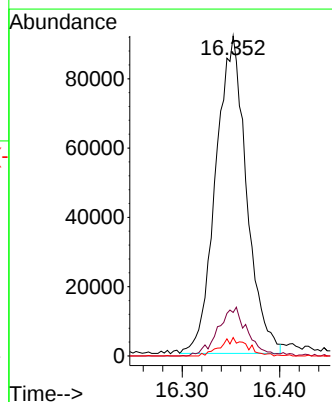
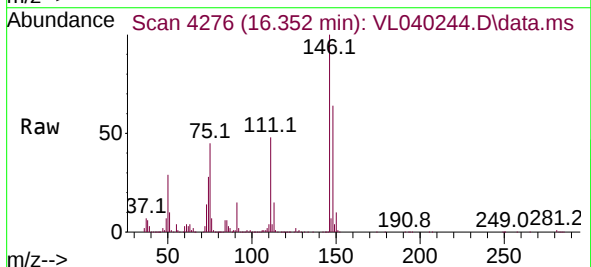
Instrument :
MSVOA_L
ClientSampleId :
VL0228ABS01

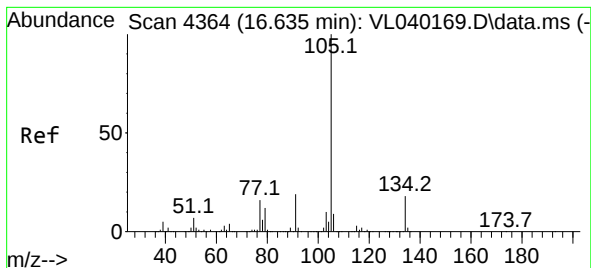
Tgt Ion:119 Resp: 2947222
Ion Ratio Lower Upper
119 100
91 87.4 68.6 102.8
134 19.8 15.9 23.9



#66
Benzyl Chloride
Concen: 10.144 ppbv
RT: 16.352 min Scan# 4276
Delta R.T. 0.003 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

Tgt Ion: 91 Resp: 201346
Ion Ratio Lower Upper
91 100
126 15.1 13.1 19.7
128 5.1 4.1 6.1





#67

sec-Butylbenzene

Concen: 9.811 ppbv

RT: 16.658 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL040244.D

Acq: 28 Feb 2023 11:15

Instrument :

MSVOA_1

ClientSampleId :

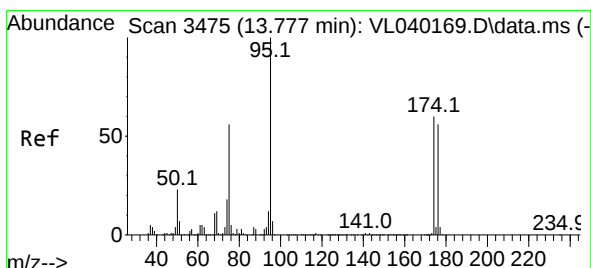
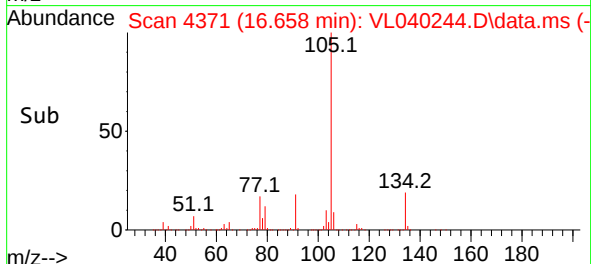
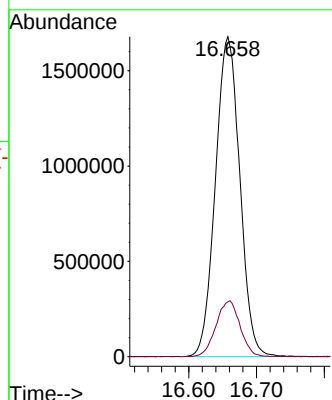
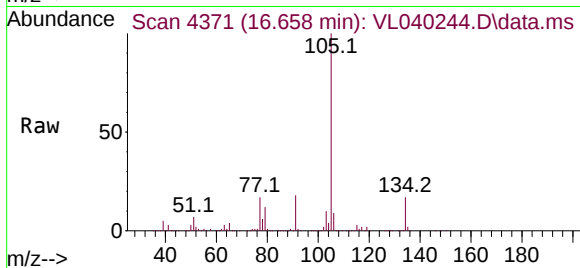
VL0228ABS01

Tgt Ion:105 Resp: 4196695

Ion Ratio Lower Upper

105 100

134 17.2 14.1 21.1



#68

1-Bromo-4-Fluorobenzene

Concen: 9.430 ppbv

RT: 13.796 min Scan# 3481

Delta R.T. 0.000 min

Lab File: VL040244.D

Acq: 28 Feb 2023 11:15

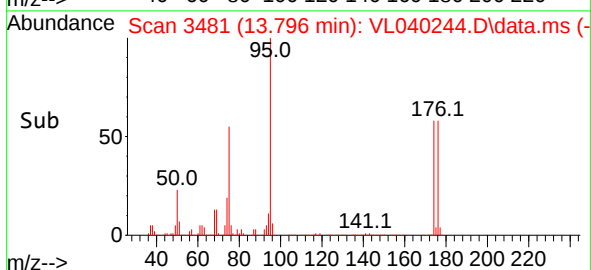
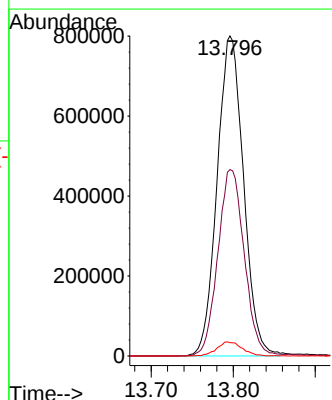
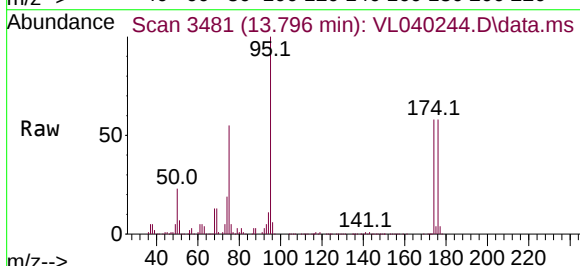
Tgt Ion: 95 Resp: 1790239

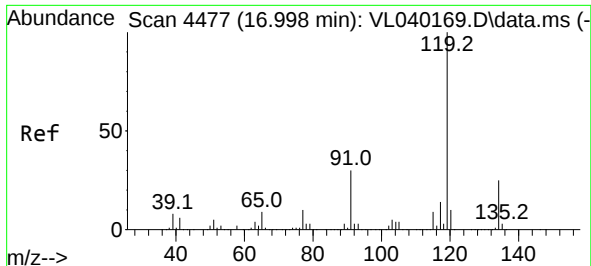
Ion Ratio Lower Upper

95 100

174 58.9 48.2 72.2

175 4.3 3.4 5.2





#69

p-Isopropyltoluene

Concen: 9.786 ppbv

RT: 17.018 min Scan# 4477

Delta R.T. 0.000 min

Lab File: VL040244.D

Acq: 28 Feb 2023 11:15

Instrument :

MSVOA_1

ClientSampleId :

VL0228ABS01

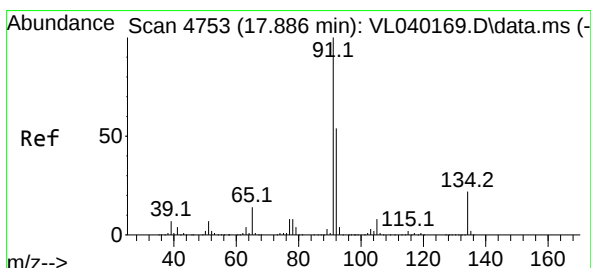
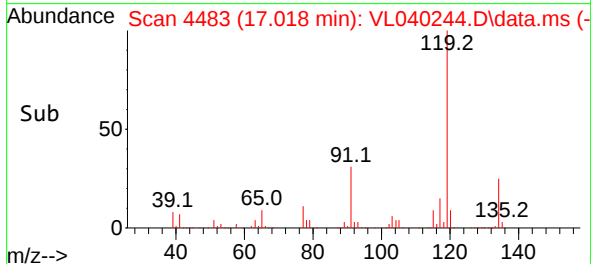
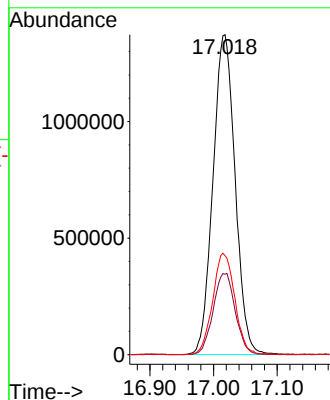
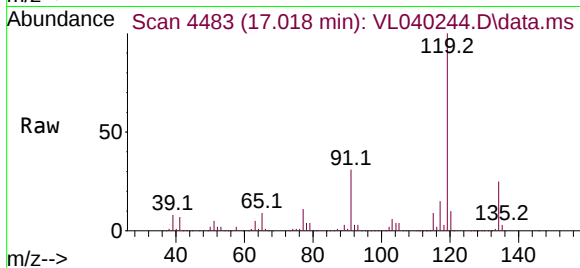
Tgt Ion:119 Resp: 3318537

Ion Ratio Lower Upper

119 100

134 25.5 20.2 30.2

91 31.6 24.7 37.1



#70

n-Butylbenzene

Concen: 9.766 ppbv

RT: 17.908 min Scan# 4760

Delta R.T. 0.000 min

Lab File: VL040244.D

Acq: 28 Feb 2023 11:15

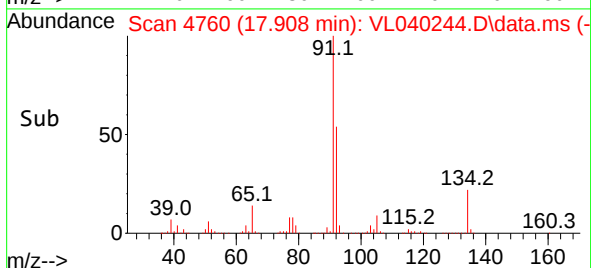
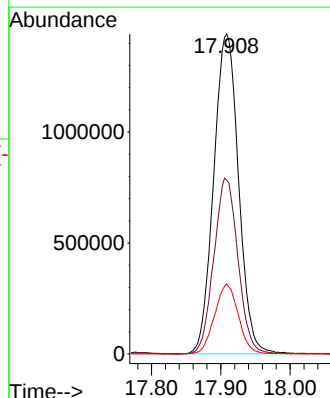
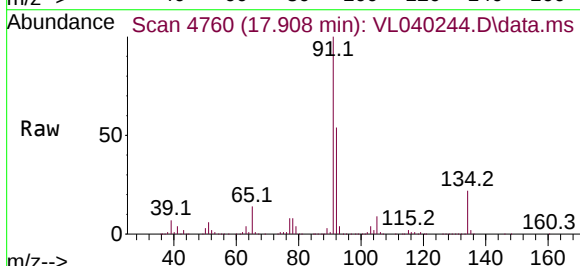
Tgt Ion: 91 Resp: 3594536

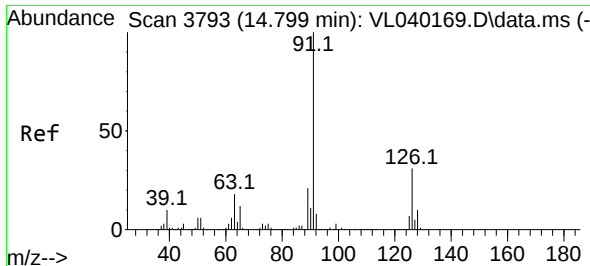
Ion Ratio Lower Upper

91 100

92 53.5 43.0 64.6

134 21.0 16.9 25.3

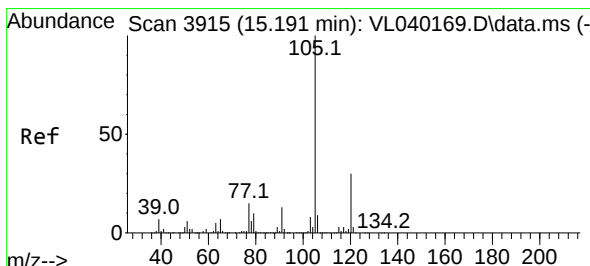
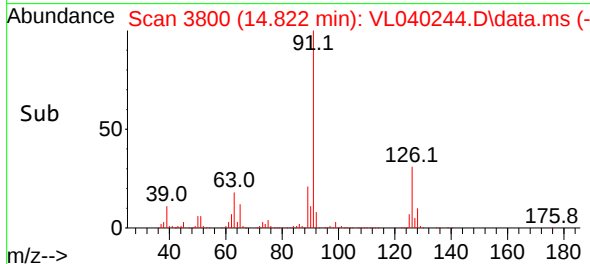
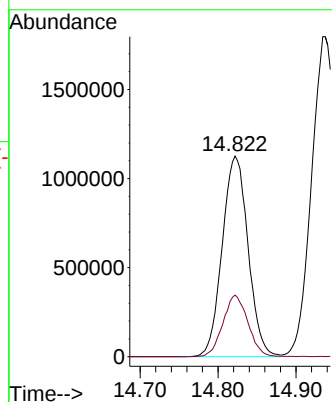
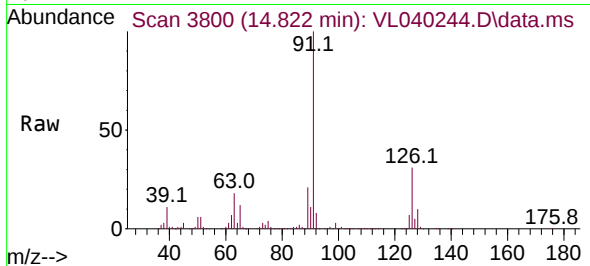




#71
2-Chlorotoluene
Concen: 9.877 ppbv
RT: 14.822 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

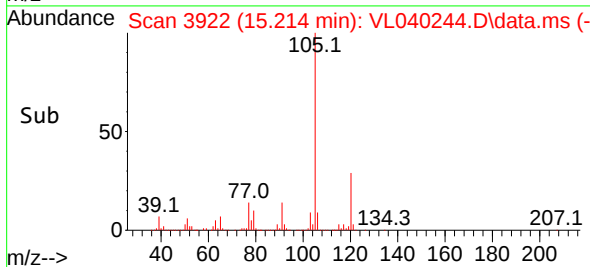
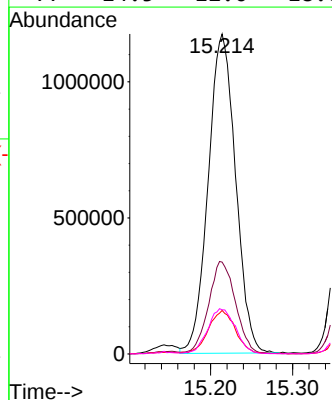
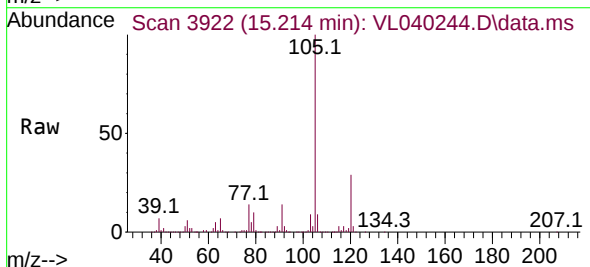
Instrument :
MSVOA_1
ClientSampleId :
VL0228ABS01

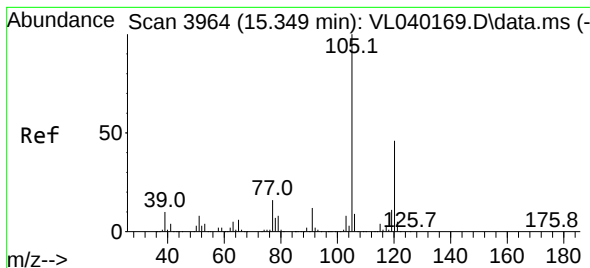
Tgt Ion: 91 Resp: 2592128
Ion Ratio Lower Upper
91 100
126 29.8 12.0 48.2



#72
4-Ethyltoluene
Concen: 10.275 ppbv
RT: 15.214 min Scan# 3922
Delta R.T. -0.003 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

Tgt Ion: 105 Resp: 2715242
Ion Ratio Lower Upper
105 100
120 29.5 23.2 34.8
91 14.3 11.3 16.9
77 14.5 12.0 18.0





#73

1,3,5-Trimethylbenzene

Concen: 9.849 ppbv

RT: 15.372 min Scan# 3964

Delta R.T. -0.006 min

Lab File: VL040244.D

Acq: 28 Feb 2023 11:15

Instrument :

MSVOA_L

ClientSampleId :

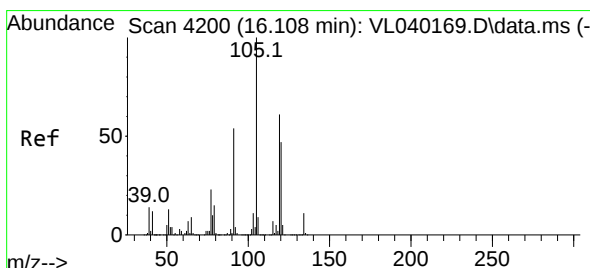
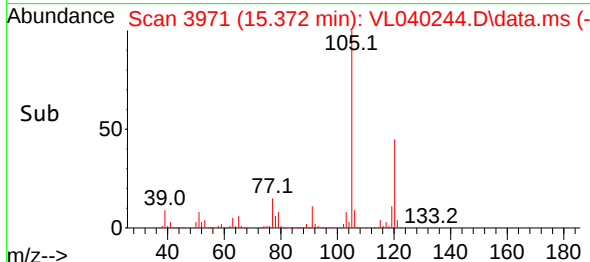
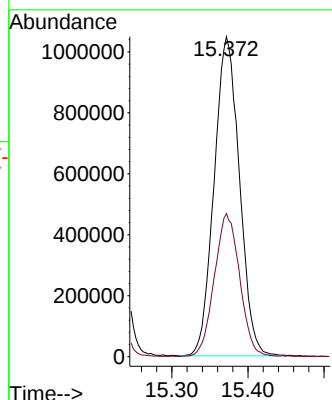
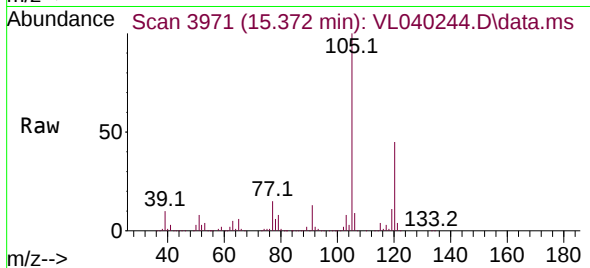
VL0228ABS01

Tgt Ion:105 Resp: 2421800

Ion Ratio Lower Upper

105 100

120 44.7 36.8 55.2



#74

1,2,4-Trimethylbenzene

Concen: 9.730 ppbv

RT: 16.127 min Scan# 4206

Delta R.T. -0.003 min

Lab File: VL040244.D

Acq: 28 Feb 2023 11:15

Tgt Ion:105 Resp: 2628042

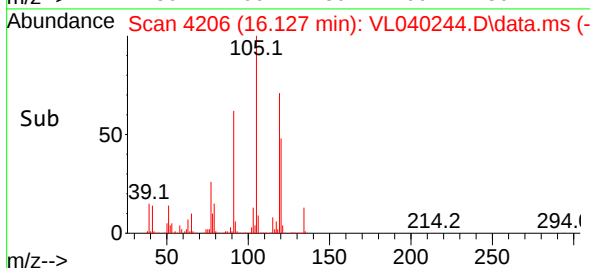
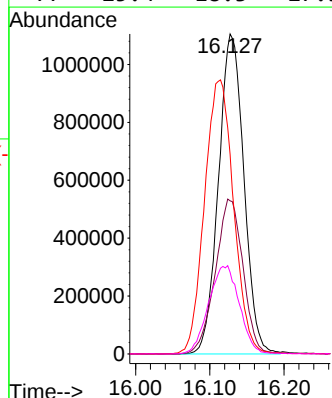
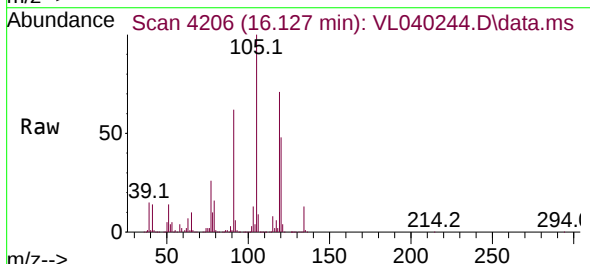
Ion Ratio Lower Upper

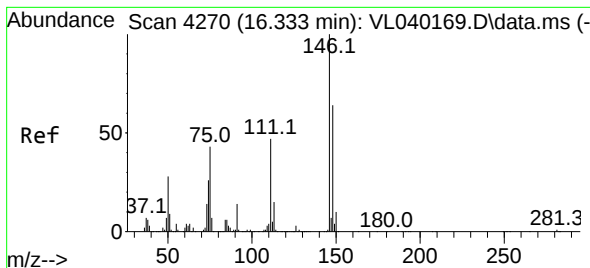
105 100

120 47.8 37.9 56.9

91 62.0 43.7 65.5

77 25.4 18.3 27.5





#75

1,3-Dichlorobenzene

Concen: 9.447 ppbv

RT: 16.352 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL040244.D

Acq: 28 Feb 2023 11:15

Instrument :

MSVOA_1

ClientSampleId :

VL0228ABS01

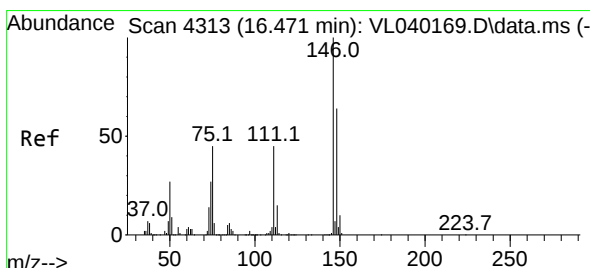
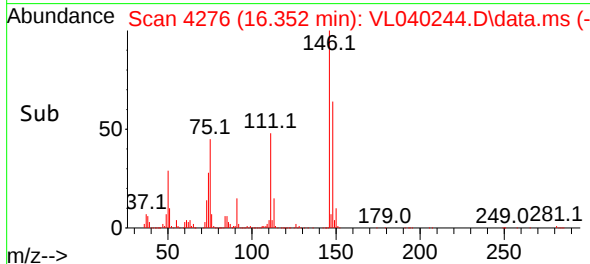
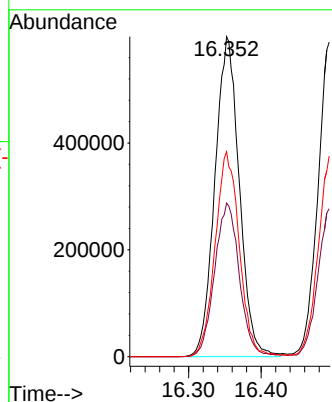
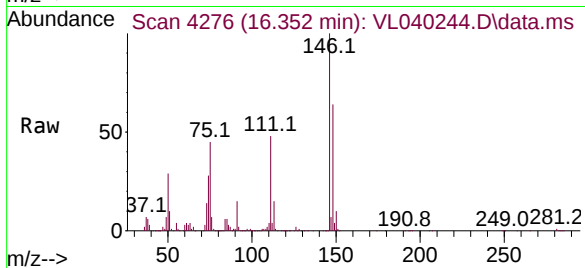
Tgt Ion:146 Resp: 1396353

Ion Ratio Lower Upper

146 100

111 48.9 23.9 71.8

148 63.7 32.1 96.5



#76

1,4-Dichlorobenzene

Concen: 9.416 ppbv

RT: 16.494 min Scan# 4320

Delta R.T. -0.003 min

Lab File: VL040244.D

Acq: 28 Feb 2023 11:15

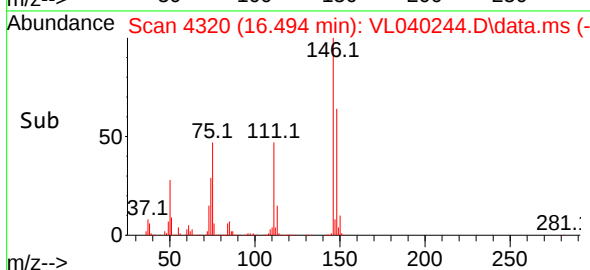
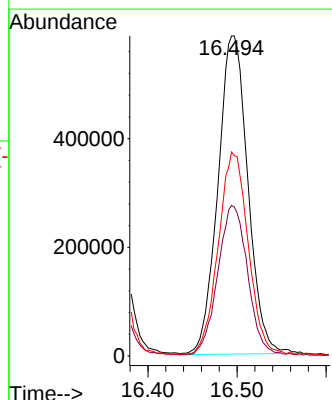
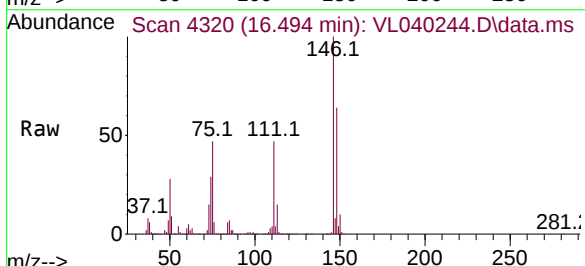
Tgt Ion:146 Resp: 1363808

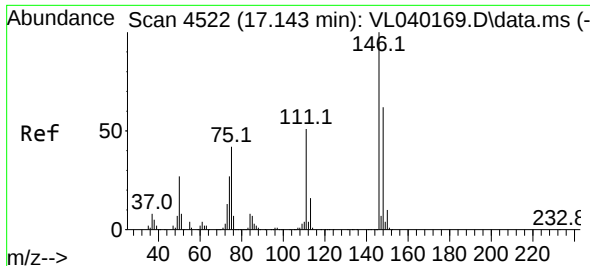
Ion Ratio Lower Upper

146 100

111 47.8 23.5 70.5

148 65.4 32.5 97.4

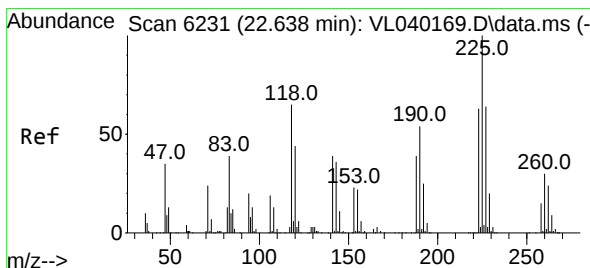
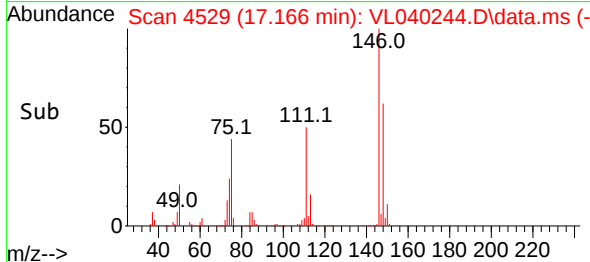
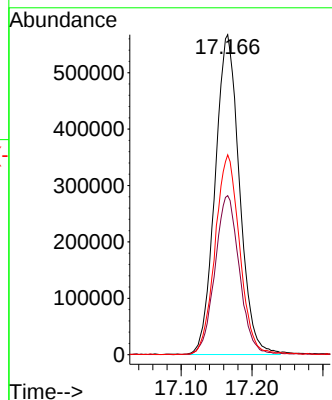
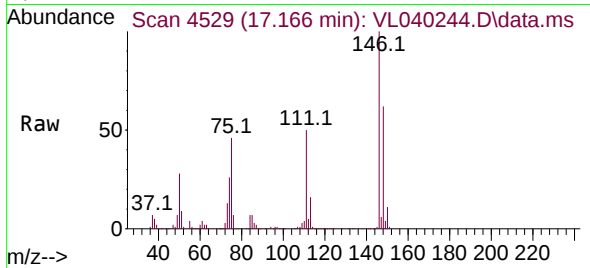




#77
1,2-Dichlorobenzene
Concen: 9.229 ppbv
RT: 17.166 min Scan# 4529
Delta R.T. 0.000 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

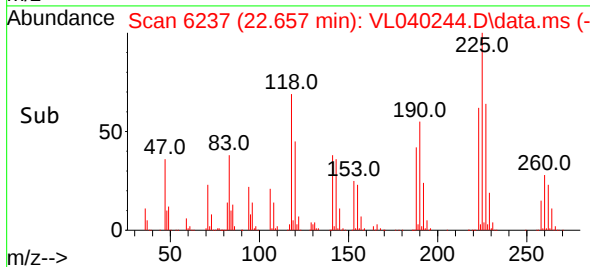
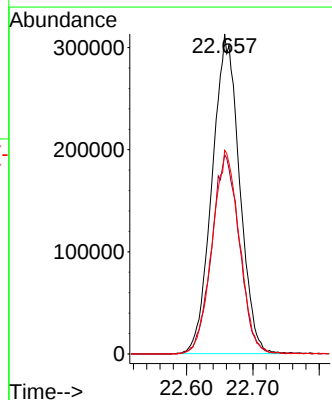
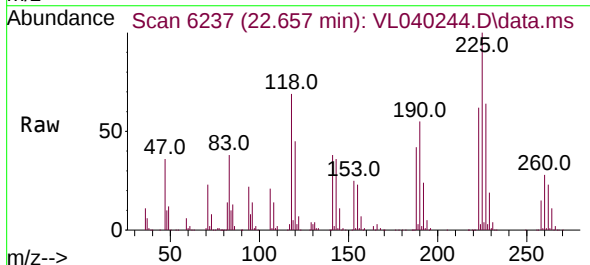
Instrument :
MSVOA_L
ClientSampleId :
VL0228ABS01

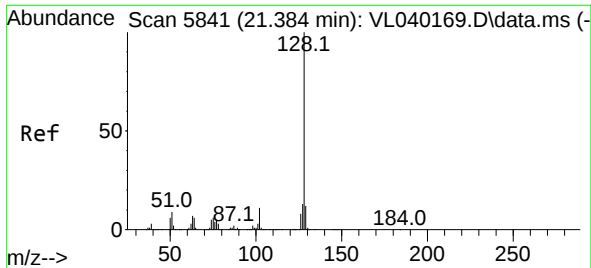
Tgt Ion:146 Resp: 1355088
Ion Ratio Lower Upper
146 100
111 50.3 25.3 75.8
148 63.2 32.0 96.2



#78
Hexachloro-1,3-Butadiene
Concen: 8.878 ppbv
RT: 22.657 min Scan# 6237
Delta R.T. -0.003 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

Tgt Ion:225 Resp: 895549
Ion Ratio Lower Upper
225 100
223 63.3 51.0 76.6
227 63.8 51.2 76.8

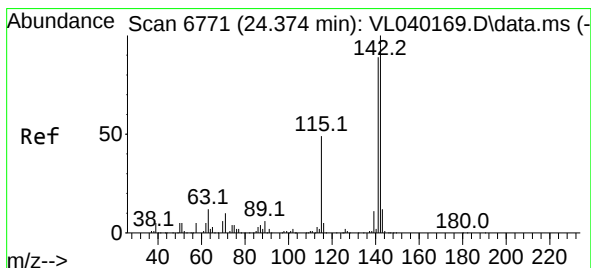
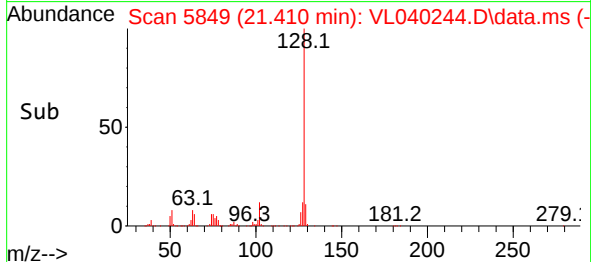
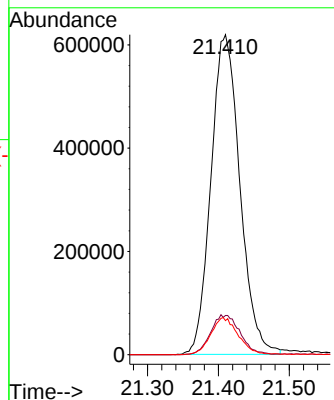
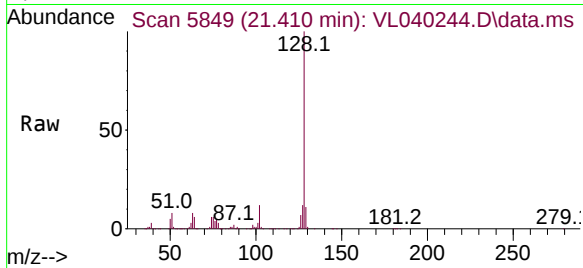




#79
Naphthalene
Concen: 11.593 ppbv
RT: 21.410 min Scan# 5849
Delta R.T. 0.000 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

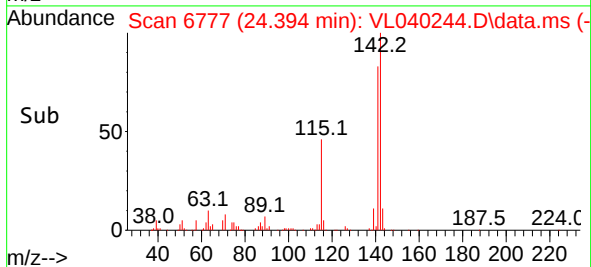
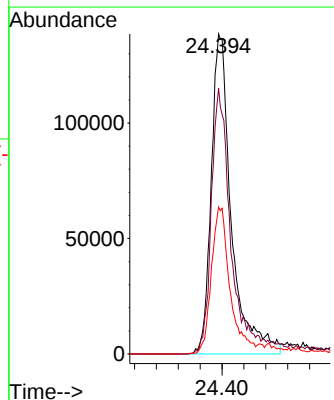
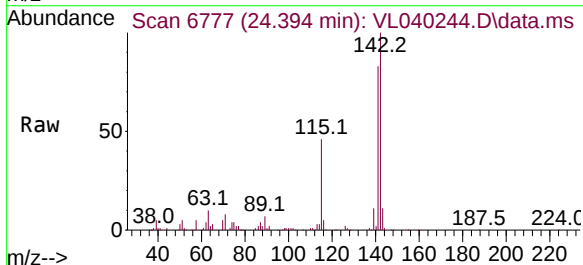
Instrument :
MSVOA_L
ClientSampleId :
VL0228ABS01

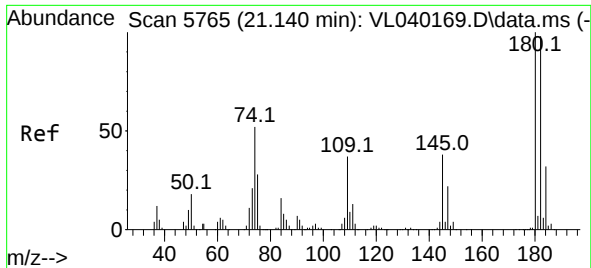
Tgt Ion:128 Resp: 1759155
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.4
129 10.7 9.4 14.0



#80
Naphthalene,2-methyl-
Concen: 8.210 ppbv
RT: 24.394 min Scan# 6777
Delta R.T. -0.003 min
Lab File: VL040244.D
Acq: 28 Feb 2023 11:15

Tgt Ion:142 Resp: 354269
Ion Ratio Lower Upper
142 100
141 84.9 67.3 100.9
115 46.6 36.5 54.7





#81

1,2,4-Trichlorobenzene

Concen: 9.955 ppbv

RT: 21.166 min Scan# 51

Delta R.T. -0.003 min

Lab File: VL040244.D

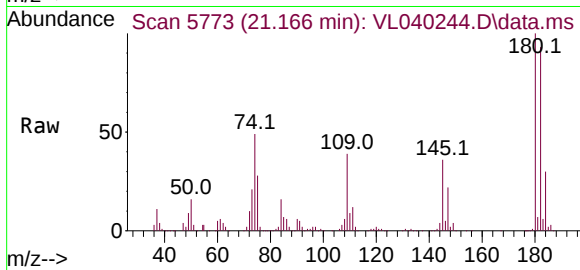
Acq: 28 Feb 2023 11:15

Instrument :

MSVOA_L

ClientSampleId :

VL0228ABS01



Tgt Ion:180 Resp: 945287

Ion Ratio Lower Upper

180 100

182 97.0 79.0 118.6

184 31.3 24.6 36.8

