

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011223\
 Data File : VU052664.D
 Acq On : 12 Jan 2023 14:26
 Operator : JC/MD
 Sample : MDL03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

Quant Time: Jan 13 02:03:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 13 02:01:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	191015	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	348690	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	317318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	136404	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	173216	56.759	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 113.520%	
35) Dibromofluoromethane	5.285	113	125783	52.371	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.740%	
50) Toluene-d8	7.893	98	441230	47.852	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.700%	
62) 4-Bromofluorobenzene	10.629	95	144170	43.143	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 86.280%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.385	85	1059	0.440	ug/l	95
3) Chloromethane	1.520	50	3211	0.916	ug/l	90
4) Vinyl Chloride	1.607	62	1331	0.441	ug/l #	85
5) Bromomethane	1.858	94	878	0.500	ug/l #	59
6) Chloroethane	1.935	64	827	0.457	ug/l #	88
7) Trichlorofluoromethane	2.137	101	1872	0.494	ug/l	96
8) Diethyl Ether	2.382	74	753	0.484	ug/l	64
9) 1,1,2-Trichlorotrifluo...	2.584	101	949	0.419	ug/l #	79
10) Methyl Iodide	2.716	142	1563	0.666	ug/l #	96
11) Tert butyl alcohol	3.295	59	65	0.109	ug/l #	37
12) 1,1-Dichloroethene	2.578	96	908	0.407	ug/l #	75
13) Acrolein	2.491	56	1912	2.645	ug/l	93
14) Allyl chloride	2.922	41	2138	0.487	ug/l #	73
15) Acrylonitrile	3.324	53	3353	2.081	ug/l #	86
16) Acetone	2.639	43	5145	3.288	ug/l	97
17) Carbon Disulfide	2.793	76	3437	0.486	ug/l	97
18) Methyl Acetate	2.954	43	2120	0.465	ug/l #	69
19) Methyl tert-butyl Ether	3.359	73	3409	0.442	ug/l	98
20) Methylene Chloride	3.047	84	4044	1.227	ug/l	96
21) trans-1,2-Dichloroethene	3.346	96	491	0.203	ug/l	86
22) Diisopropyl ether	3.993	45	3304	0.391	ug/l #	69
23) Vinyl Acetate	3.964	43	12853	1.953	ug/l	97
24) 1,1-Dichloroethane	3.870	63	2433	0.490	ug/l #	82
25) 2-Butanone	4.729	43	4560	2.122	ug/l	99
26) 2,2-Dichloropropane	4.661	77	1583	0.409	ug/l	86
27) cis-1,2-Dichloroethene	4.661	96	1133	0.411	ug/l	61
28) Bromochloromethane	4.967	49	895	0.392	ug/l #	84
29) Tetrahydrofuran	5.067	42	3067	2.353	ug/l #	76
30) Chloroform	5.086	83	4985	0.986	ug/l	100
31) Cyclohexane	5.378	56	6059	1.287	ug/l #	34
32) 1,1,1-Trichloroethane	5.311	97	1758	0.444	ug/l #	41
36) 1,1-Dichloropropene	5.526	75	1552	0.411	ug/l #	66
37) Ethyl Acetate	4.729	43	4560	0.952	ug/l #	71
38) Carbon Tetrachloride	5.517	117	1359	0.388	ug/l	89
39) Methylcyclohexane	6.764	83	1699	0.391	ug/l #	80
40) Benzene	5.771	78	4632	0.415	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	545	0.243	ug/l #	75
42) 1,2-Dichloroethane	5.796	62	2070	0.515	ug/l	87
43) Isopropyl Acetate	5.915	43	3026	0.481	ug/l #	74
44) Trichloroethene	6.539	130	1195	0.453	ug/l	82
45) 1,2-Dichloropropane	6.787	63	1253	0.405	ug/l	96
46) Dibromomethane	6.912	93	837	0.431	ug/l	86
47) Bromodichloromethane	7.102	83	2099	0.527	ug/l	99
48) Methyl methacrylate	6.967	41	1062	0.364	ug/l #	70
49) 1,4-Dioxane	7.018	88	132	2.380	ug/l #	70
51) 4-Methyl-2-Pentanone	7.790	43	7682	1.870	ug/l	91
52) Toluene	7.967	92	2674	0.407	ug/l	96
53) t-1,3-Dichloropropene	8.211	75	1555	0.370	ug/l #	74
54) cis-1,3-Dichloropropene	7.603	75	1644	0.359	ug/l	93
55) 1,1,2-Trichloroethane	8.398	97	1205	0.445	ug/l	93
56) Ethyl methacrylate	8.333	69	1429	0.357	ug/l	95
57) 1,3-Dichloropropane	8.574	76	2152	0.445	ug/l #	82
59) 2-Hexanone	8.693	43	5682	1.810	ug/l	95
60) Dibromochloromethane	8.803	129	1150	0.408	ug/l	81
61) 1,2-Dibromoethane	8.919	107	1078	0.392	ug/l	95
64) Tetrachloroethene	8.546	164	770	0.374	ug/l #	87
65) Chlorobenzene	9.439	112	2932	0.434	ug/l	89
66) 1,1,1,2-Tetrachloroethane	9.529	131	1027	0.420	ug/l #	65
67) Ethyl Benzene	9.568	91	4622	0.394	ug/l	93
68) m/p-Xylenes	9.690	106	3105	0.703	ug/l	97
69) o-Xylene	10.099	106	1450	0.345	ug/l	88
70) Styrene	10.111	104	2560	0.363	ug/l	96
71) Bromoform	10.288	173	991	0.484	ug/l #	78
73) Isopropylbenzene	10.484	105	3369	0.361	ug/l	99
74) N-amyl acetate	10.320	43	1414	0.331	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.777	83	2372	0.602	ug/l #	80
76) 1,2,3-Trichloropropane	10.819	75	2351	0.544	ug/l	96
77) Bromobenzene	10.774	156	1060	0.456	ug/l	71
78) n-propylbenzene	10.906	91	4727	0.416	ug/l	91
79) 2-Chlorotoluene	10.983	91	3207	0.462	ug/l	90
80) 1,3,5-Trimethylbenzene	11.086	105	2793	0.355	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.629	75	74761	66.069	ug/l #	15
82) 4-Chlorotoluene	11.095	91	3177	0.401	ug/l	97
83) tert-Butylbenzene	11.417	119	3140	0.401	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	2874	0.371	ug/l	92
85) sec-Butylbenzene	11.639	105	3171	0.321	ug/l	93
86) p-Isopropyltoluene	11.787	119	2536	0.313	ug/l #	81
87) 1,3-Dichlorobenzene	11.745	146	1893	0.423	ug/l	91
88) 1,4-Dichlorobenzene	11.745	146	1893	0.412	ug/l	91
89) n-Butylbenzene	12.211	91	2671	0.363	ug/l	98
90) Hexachloroethane	12.471	117	612	0.386	ug/l	93
91) 1,2-Dichlorobenzene	12.211	146	2315	0.520	ug/l	83
92) 1,2-Dibromo-3-Chloropr...	12.992	75	353	0.419	ug/l #	53
93) 1,2,4-Trichlorobenzene	13.841	180	1365	0.522	ug/l	79
94) Hexachlorobutadiene	14.015	225	583	0.423	ug/l	82
95) Naphthalene	14.089	128	3670	0.469	ug/l #	75
96) 1,2,3-Trichlorobenzene	14.327	180	1206	0.462	ug/l	92

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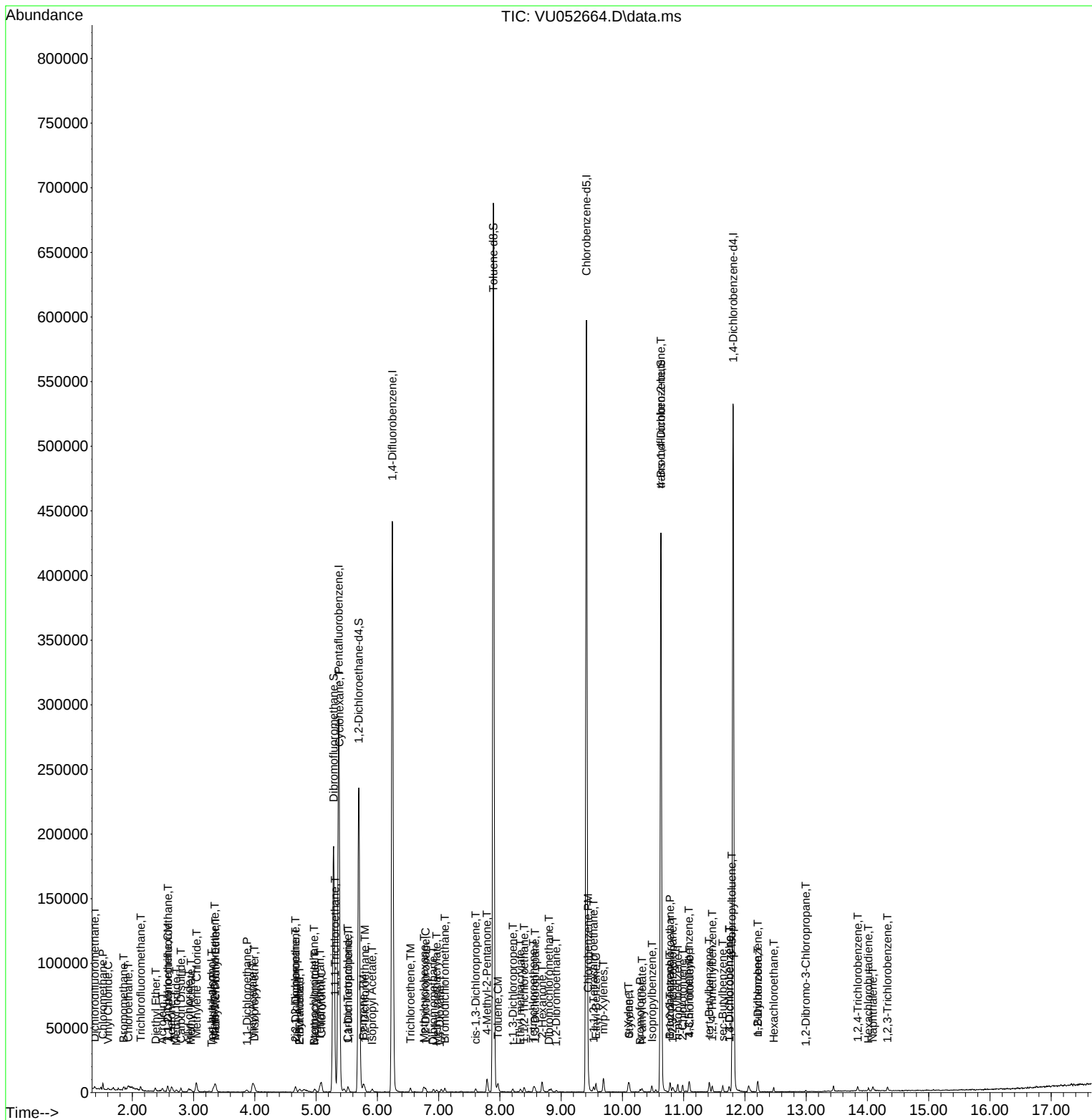
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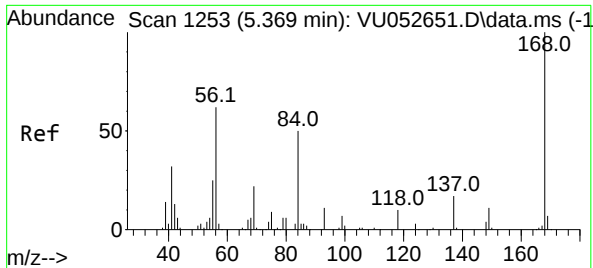
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Quant Title : SW846 8260
QLast Update : Fri Jan 13 02:01:27 2023
Response via : Initial Calibration

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

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

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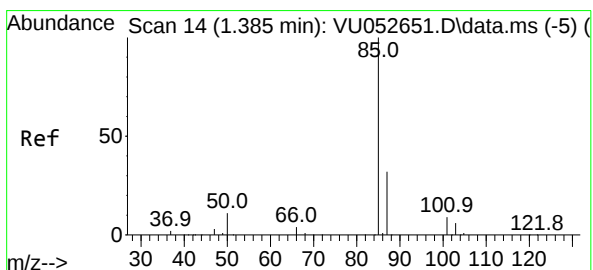
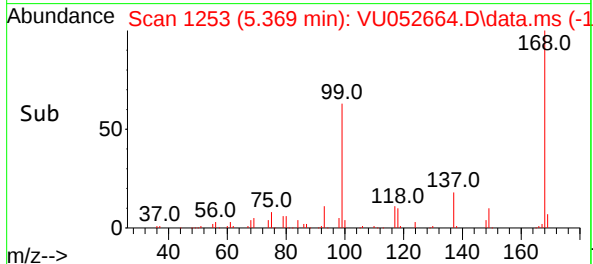
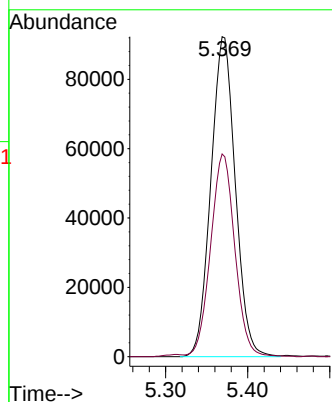
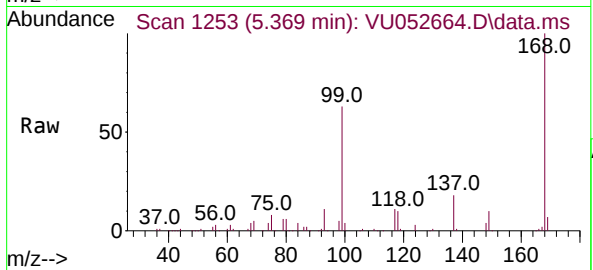




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

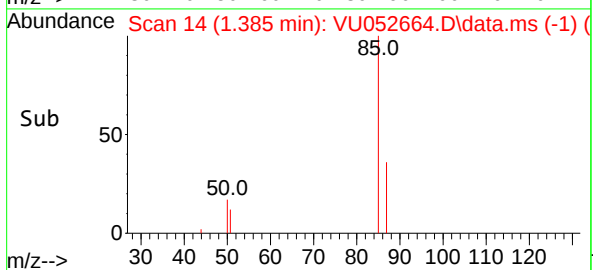
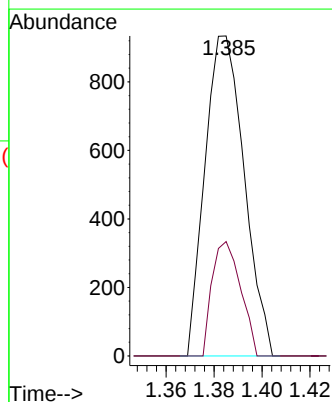
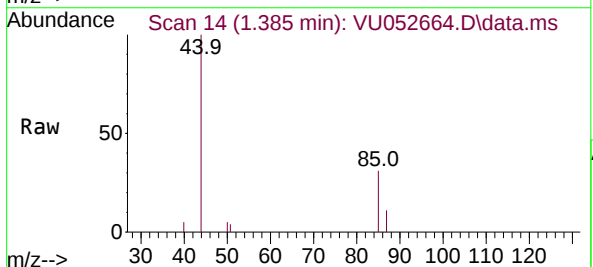
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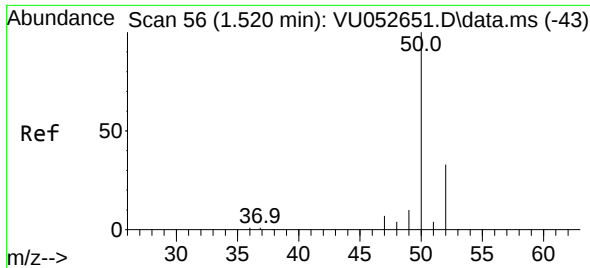
Tgt Ion:168 Resp: 191015
Ion Ratio Lower Upper
168 100
99 63.1 39.3 58.9#



#2
Dichlorodifluoromethane
Concen: 0.440 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

Tgt Ion: 85 Resp: 1059
Ion Ratio Lower Upper
85 100
87 35.8 16.4 49.2

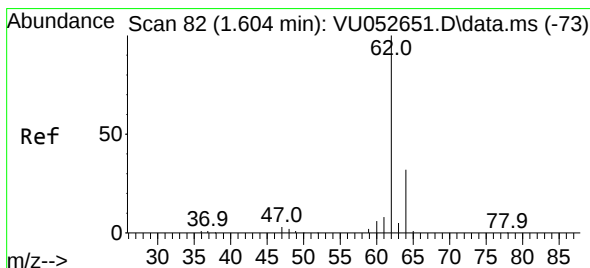
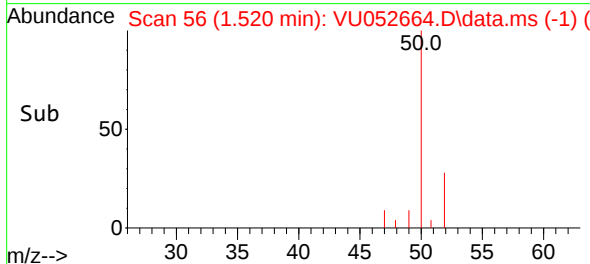
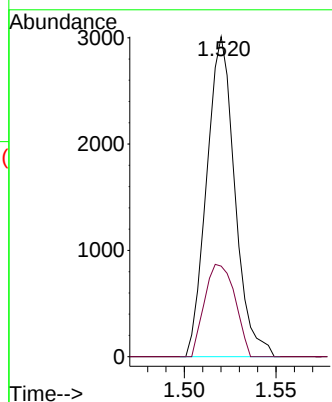
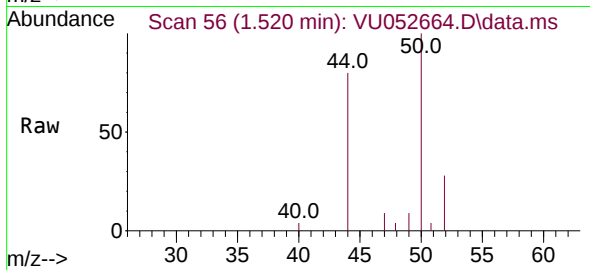




#3
Chloromethane
Concen: 0.916 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

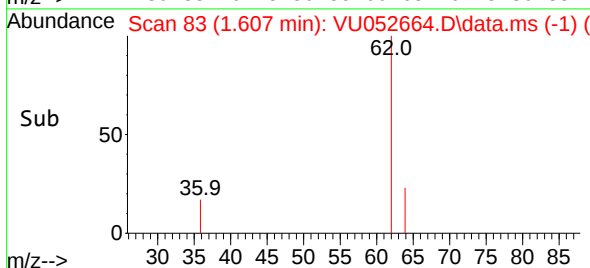
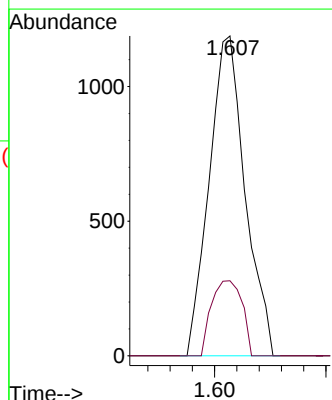
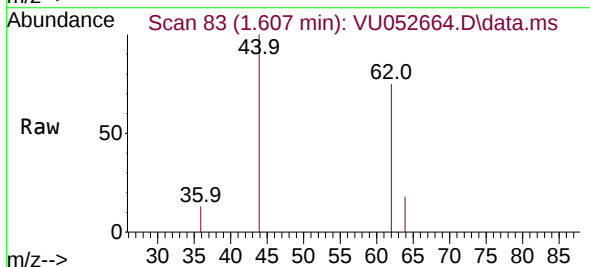
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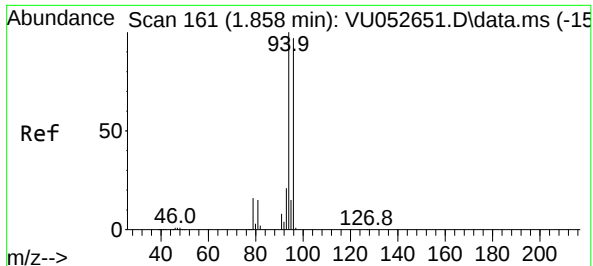
Tgt Ion: 50 Resp: 3211
Ion Ratio Lower Upper
50 100
52 28.3 27.4 41.2



#4
Vinyl Chloride
Concen: 0.441 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.003 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

Tgt Ion: 62 Resp: 1331
Ion Ratio Lower Upper
62 100
64 23.5 25.3 37.9#

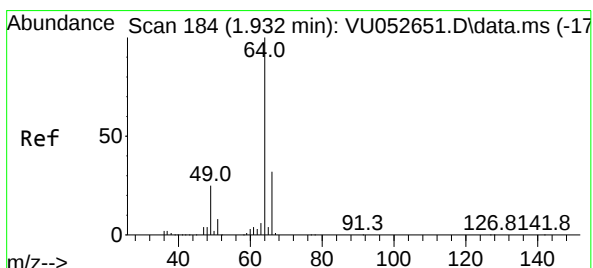
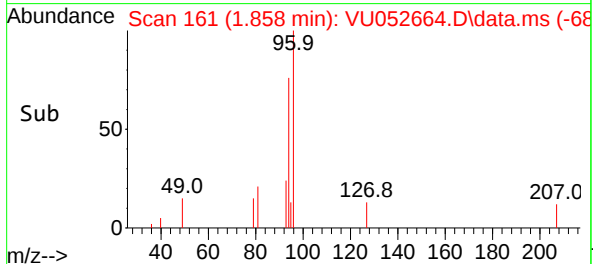
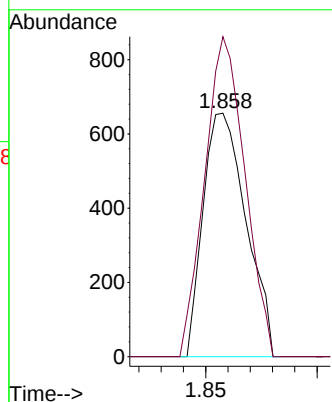
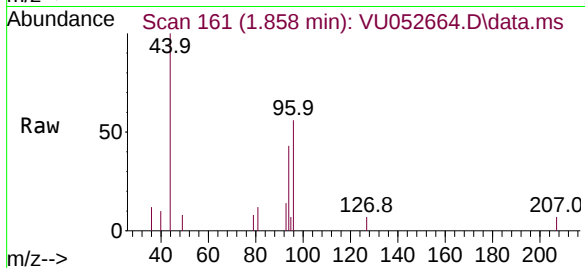




#5
Bromomethane
Concen: 0.500 ug/l
RT: 1.858 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

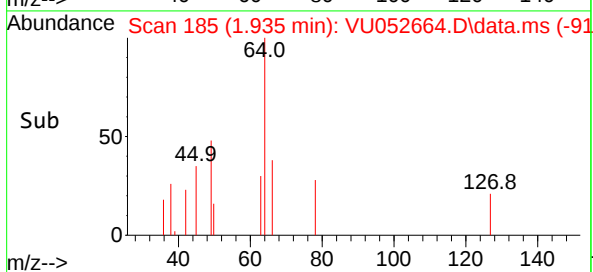
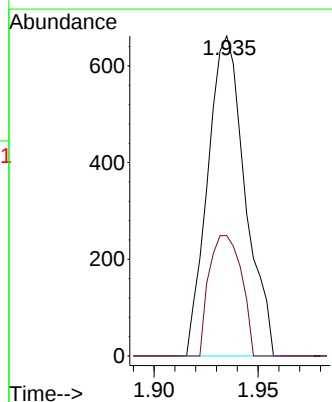
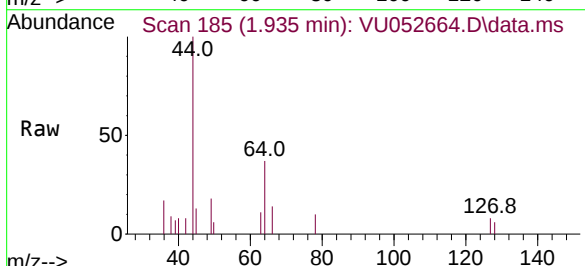
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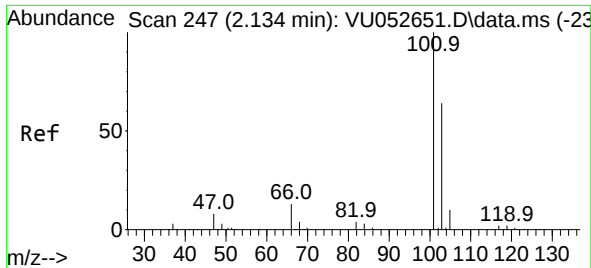
Tgt Ion: 94 Resp: 878
Ion Ratio Lower Upper
94 100
96 131.4 73.7 110.5#



#6
Chloroethane
Concen: 0.457 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

Tgt Ion: 64 Resp: 827
Ion Ratio Lower Upper
64 100
66 37.6 24.7 37.1#

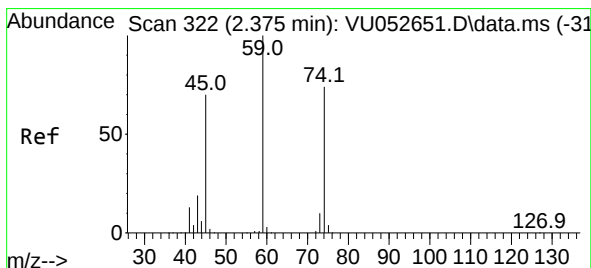
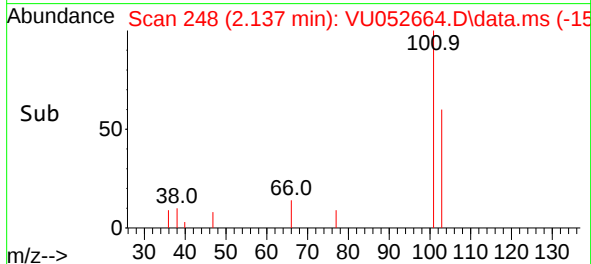
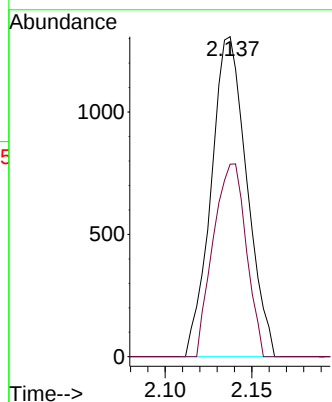
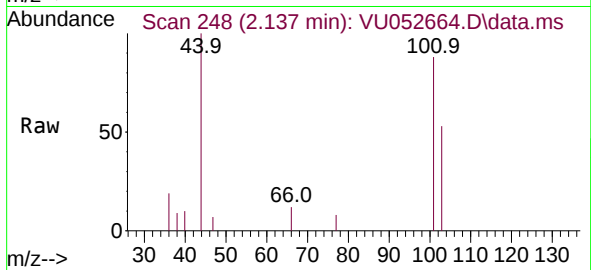




#7
 Trichlorofluoromethane
 Concen: 0.494 ug/l
 RT: 2.137 min Scan# 24
 Delta R.T. 0.003 min
 Lab File: VU052664.D
 Acq: 12 Jan 2023 14:26

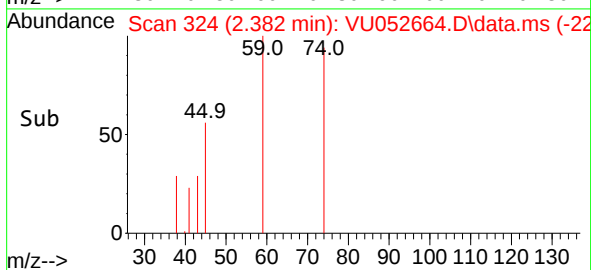
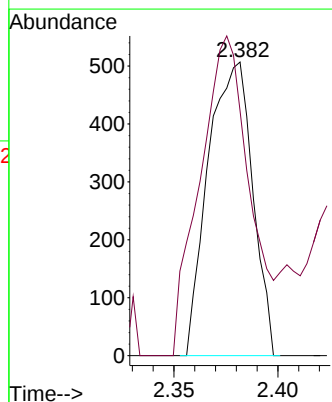
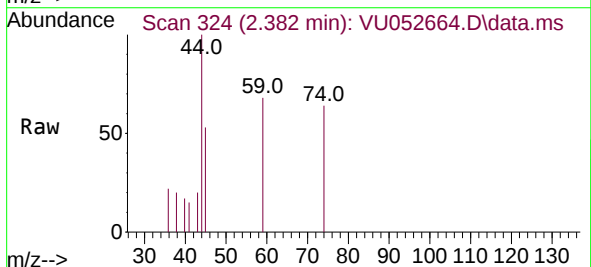
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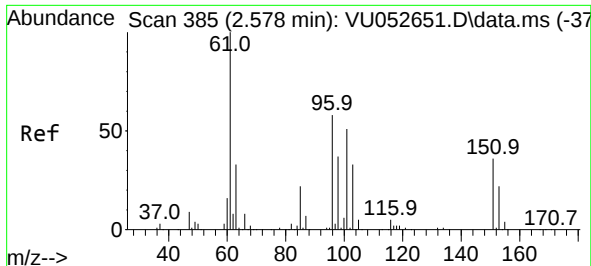
Tgt Ion:101 Resp: 1872
 Ion Ratio Lower Upper
 101 100
 103 60.2 50.6 75.8



#8
 Diethyl Ether
 Concen: 0.484 ug/l
 RT: 2.382 min Scan# 324
 Delta R.T. 0.007 min
 Lab File: VU052664.D
 Acq: 12 Jan 2023 14:26

Tgt Ion: 74 Resp: 753
 Ion Ratio Lower Upper
 74 100
 45 122.3 44.4 133.2

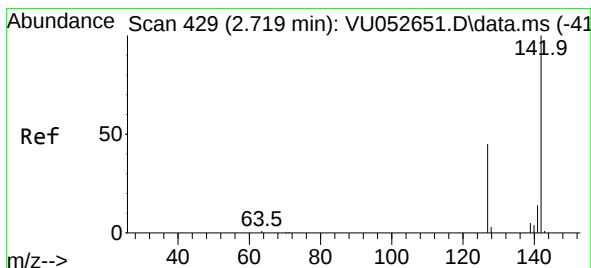
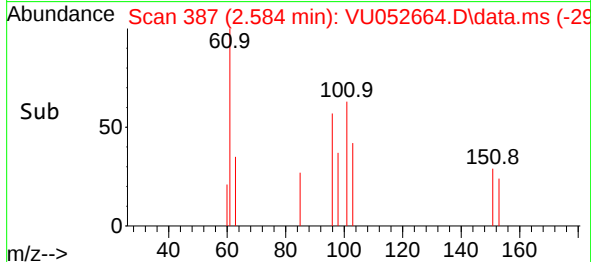
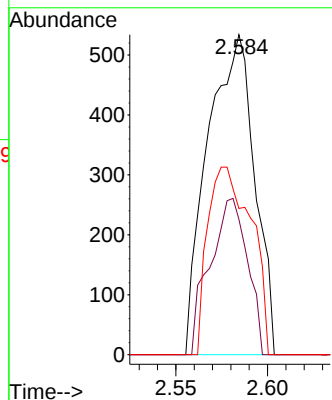
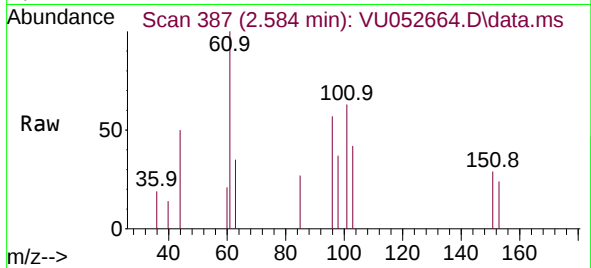




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.419 ug/l
RT: 2.584 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU052664.D
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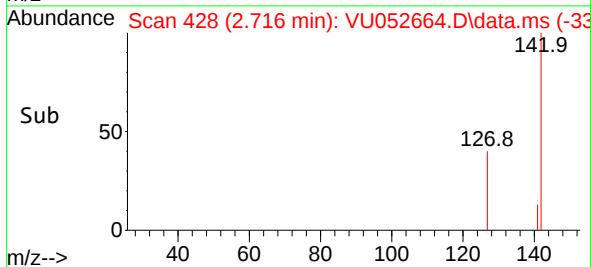
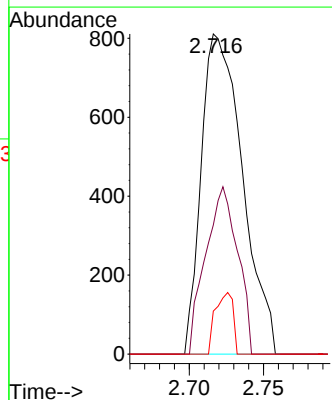
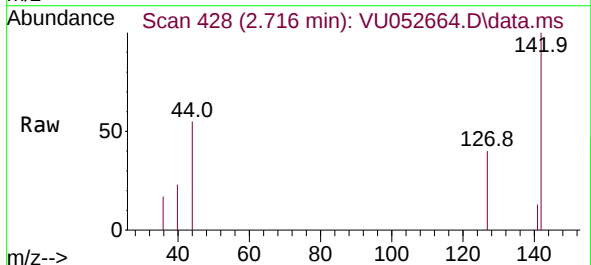
Instrument :
MSVOA_U
ClientSampleId :
MDL03

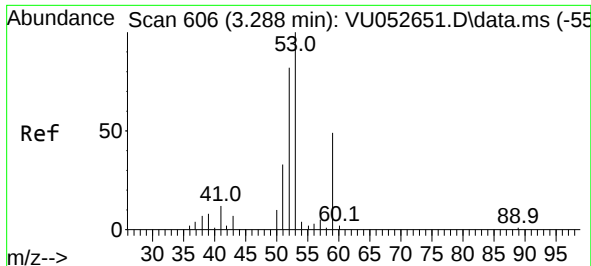
Tgt Ion:101 Resp: 949
Ion Ratio Lower Upper
101 100
85 39.2 33.9 50.9
151 54.5 64.0 96.0#



#10
Methyl Iodide
Concen: 0.666 ug/l
RT: 2.716 min Scan# 428
Delta R.T. -0.003 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

Tgt Ion:142 Resp: 1563
Ion Ratio Lower Upper
142 100
127 40.6 32.5 48.7
141 8.3 11.4 17.0#

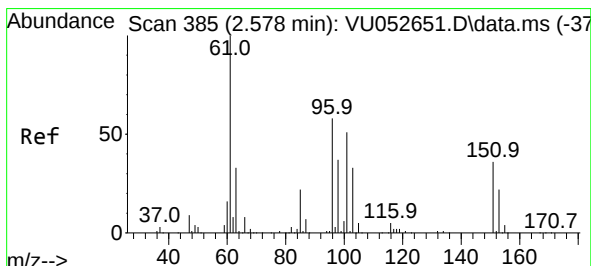
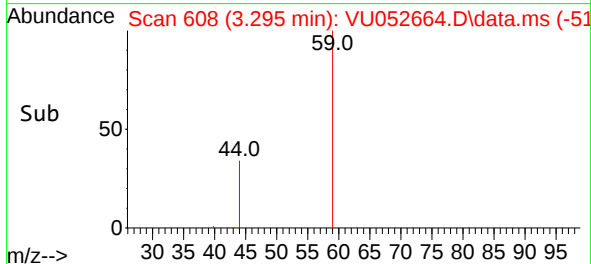
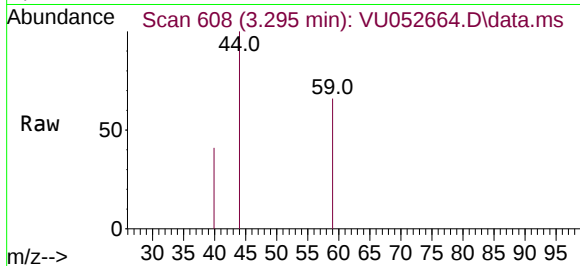




#11
Tert butyl alcohol
Concen: 0.109 ug/l
RT: 3.295 min Scan# 608
Delta R.T. 0.007 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

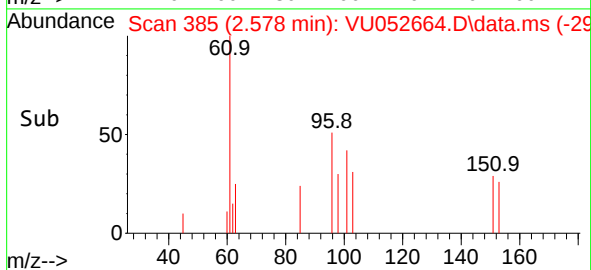
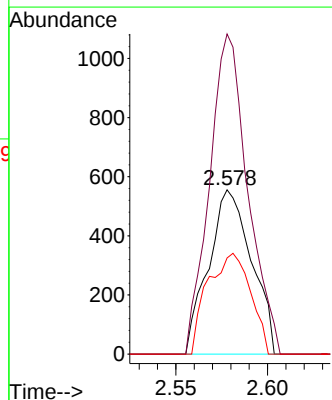
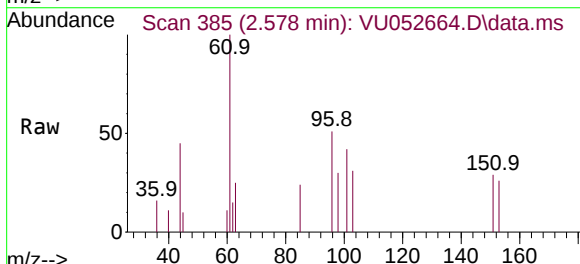
Instrument :
MSVOA_U
ClientSampleId :
MDL03

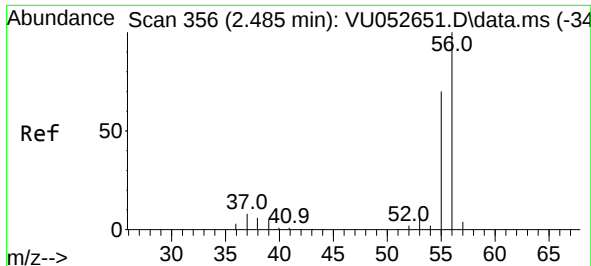
Tgt Ion: 59 Resp: 65
Ion Ratio Lower Upper
59 100
57 0.0 30.6 45.8#



#12
1,1-Dichloroethene
Concen: 0.407 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

Tgt Ion: 96 Resp: 908
Ion Ratio Lower Upper
96 100
61 194.8 122.2 183.2#
98 58.5 50.7 76.1





#13

Acrolein

Concen: 2.645 ug/l

RT: 2.491 min Scan# 358

Delta R.T. 0.006 min

Lab File: VU052664.D

Acq: 12 Jan 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

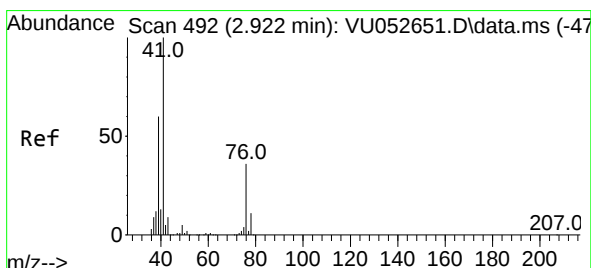
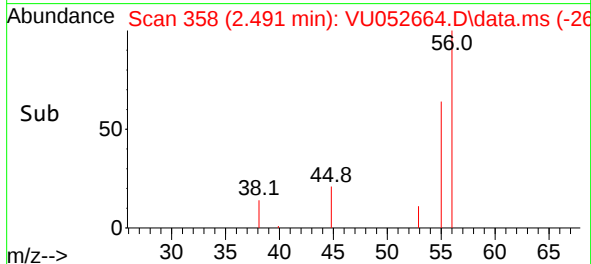
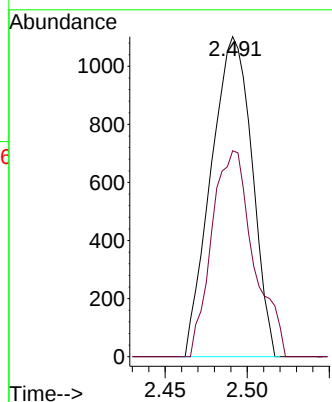
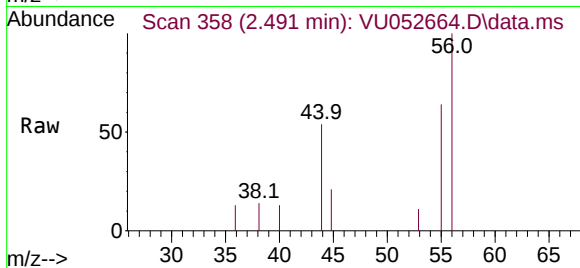
MDL03

Tgt Ion: 56 Resp: 1912

Ion Ratio Lower Upper

56 100

55 65.4 56.6 85.0



#14

Allyl chloride

Concen: 0.487 ug/l

RT: 2.922 min Scan# 492

Delta R.T. -0.000 min

Lab File: VU052664.D

Acq: 12 Jan 2023 14:26

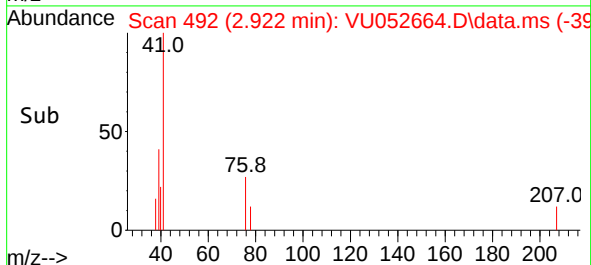
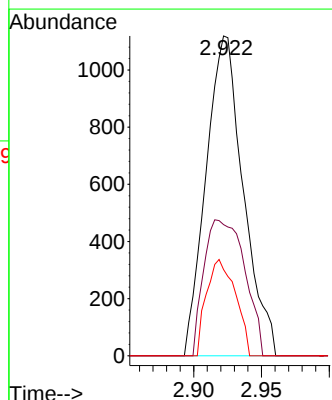
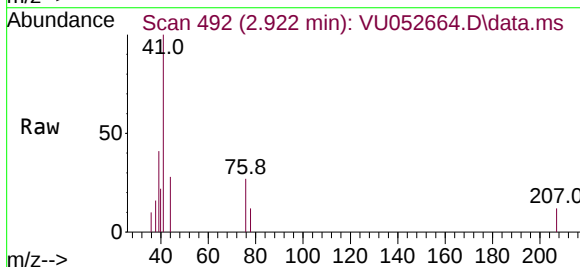
Tgt Ion: 41 Resp: 2138

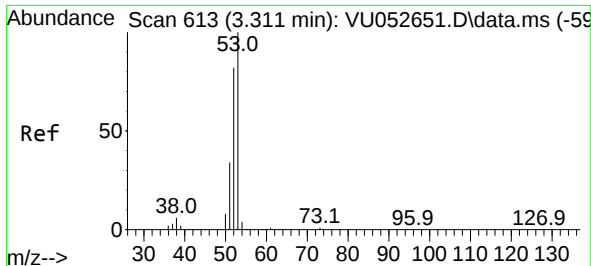
Ion Ratio Lower Upper

41 100

39 46.4 53.4 80.2#

76 23.4 33.8 50.6#

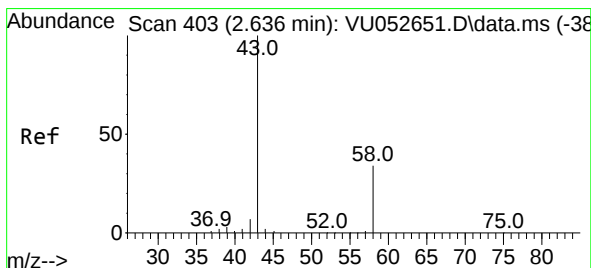
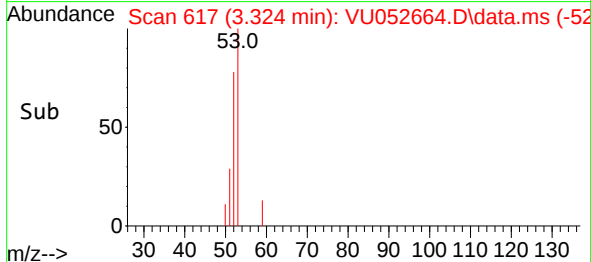
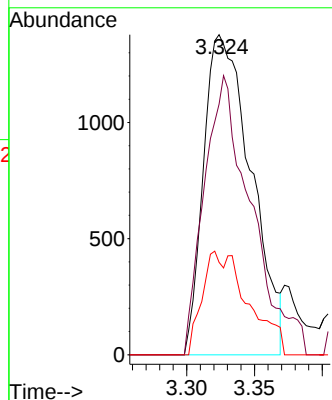
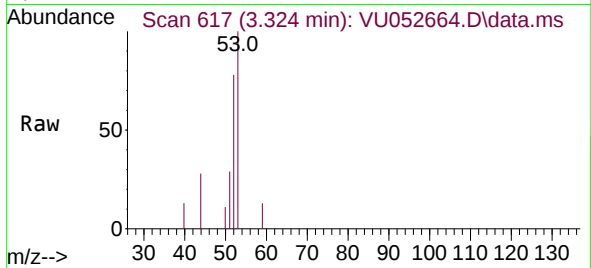




#15
Acrylonitrile
Concen: 2.081 ug/l
RT: 3.324 min Scan# 613
Delta R.T. 0.013 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

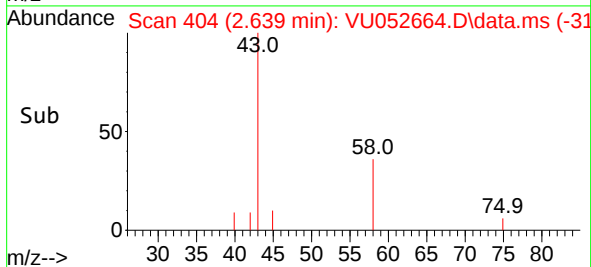
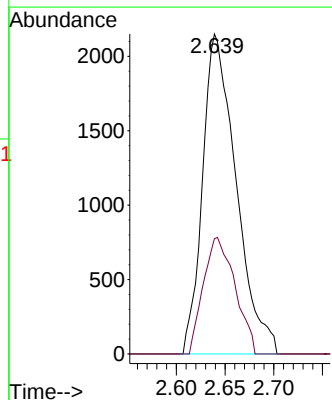
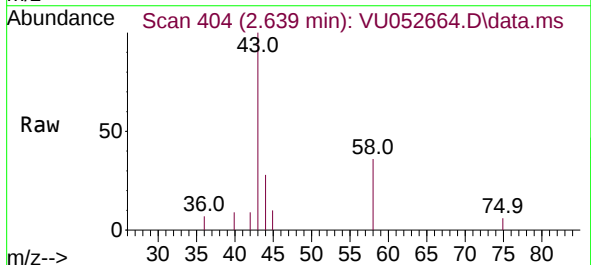
Instrument :
MSVOA_U
ClientSampleId :
MDL03

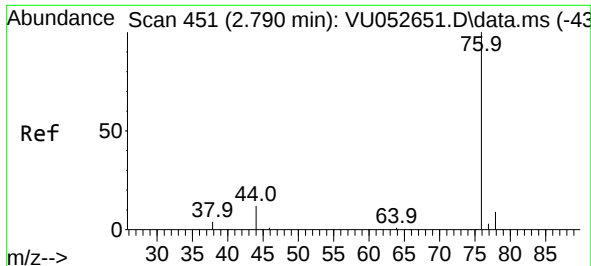
Tgt Ion: 53	Resp:	3353
Ion	Ratio	Lower Upper
53	100	
52	86.2	65.7 98.5
51	14.5	28.2 42.4#



#16
Acetone
Concen: 3.288 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.003 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

Tgt Ion: 43	Resp:	5145
Ion	Ratio	Lower Upper
43	100	
58	36.0	27.5 41.3

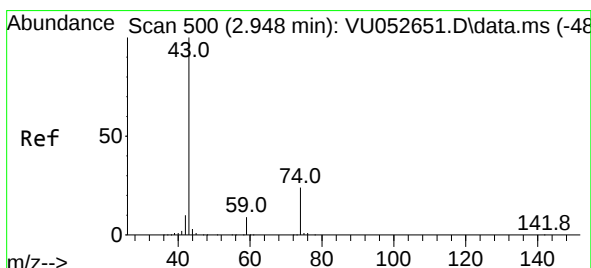
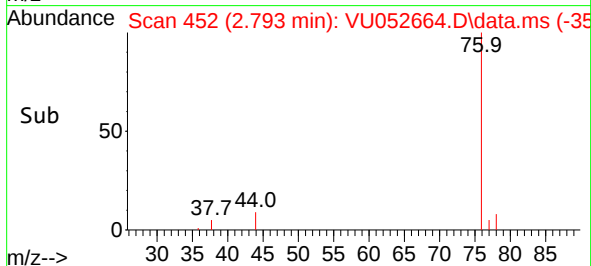
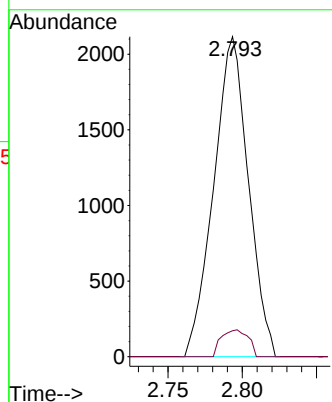
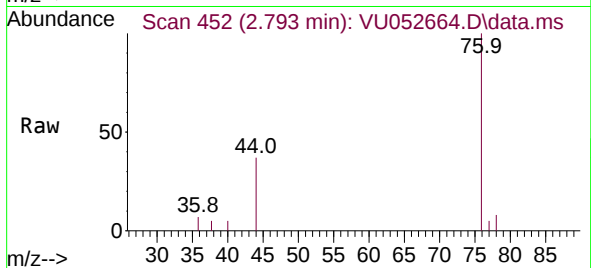




#17
Carbon Disulfide
Concen: 0.486 ug/l
RT: 2.793 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

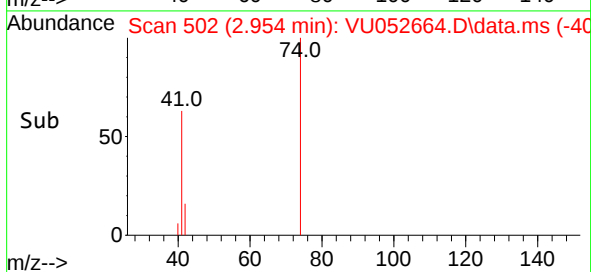
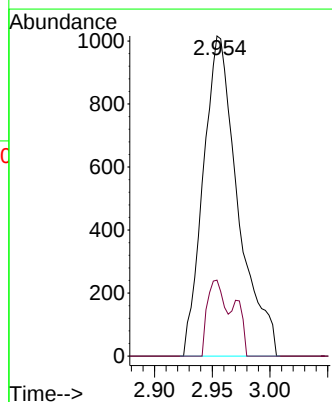
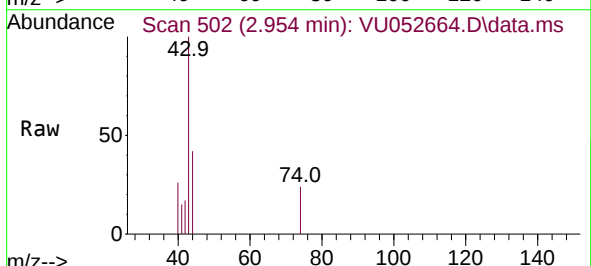
Instrument :
MSVOA_U
ClientSampleId :
MDL03

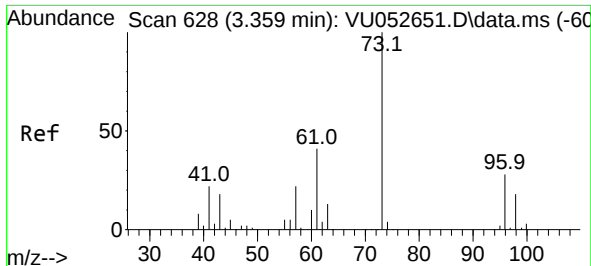
Tgt Ion: 76 Resp: 3437
Ion Ratio Lower Upper
76 100
78 8.1 7.3 10.9



#18
Methyl Acetate
Concen: 0.465 ug/l
RT: 2.954 min Scan# 502
Delta R.T. 0.006 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

Tgt Ion: 43 Resp: 2120
Ion Ratio Lower Upper
43 100
74 12.0 22.5 33.7#

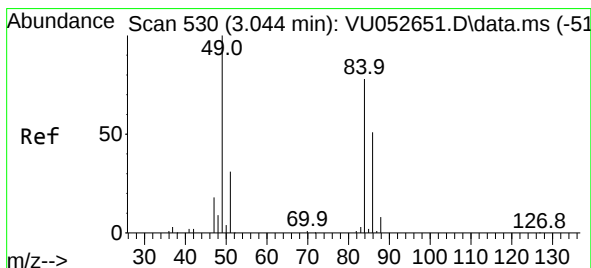
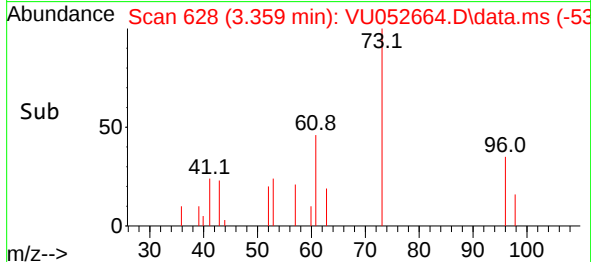
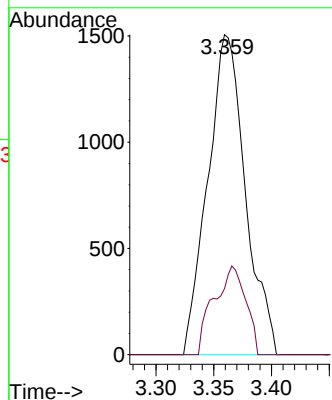
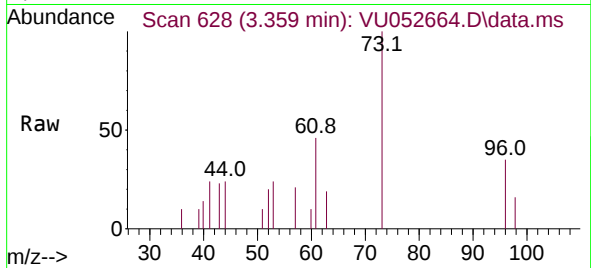




#19
Methyl tert-butyl Ether
Concen: 0.442 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

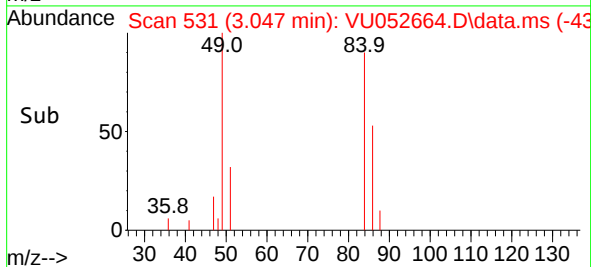
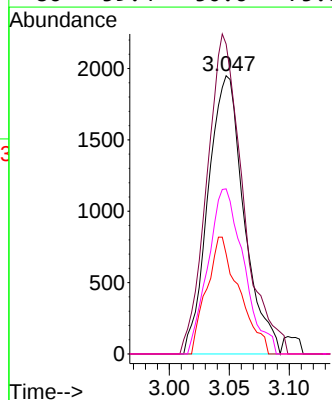
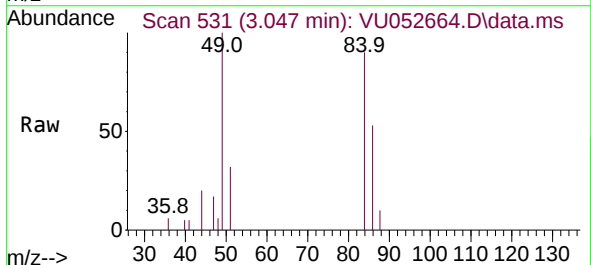
Instrument :
MSVOA_U
ClientSampleId :
MDL03

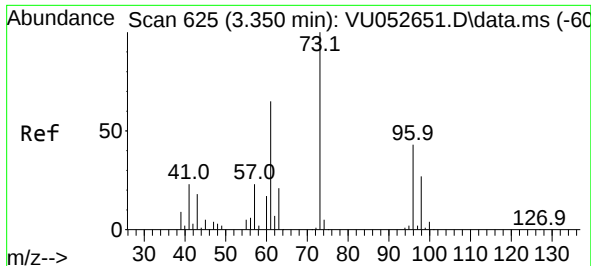
Tgt Ion: 73 Resp: 3409
Ion Ratio Lower Upper
73 100
57 20.7 17.1 25.7



#20
Methylene Chloride
Concen: 1.227 ug/l
RT: 3.047 min Scan# 531
Delta R.T. 0.003 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

Tgt Ion: 84 Resp: 4044
Ion Ratio Lower Upper
84 100
49 111.4 86.6 129.8
51 36.0 26.6 40.0
86 59.4 50.6 75.8

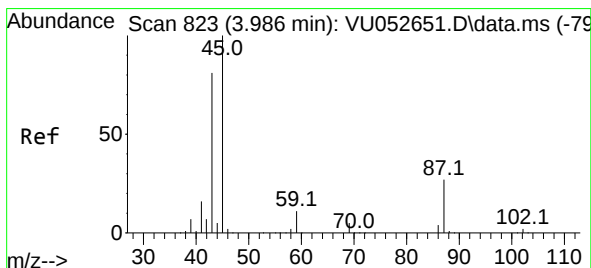
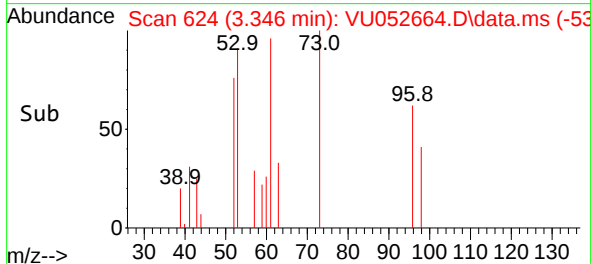
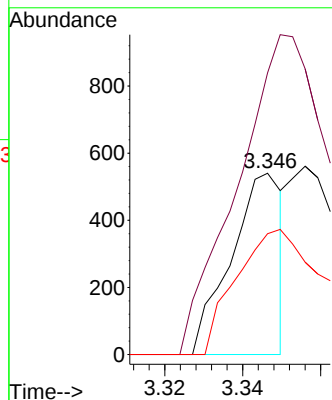
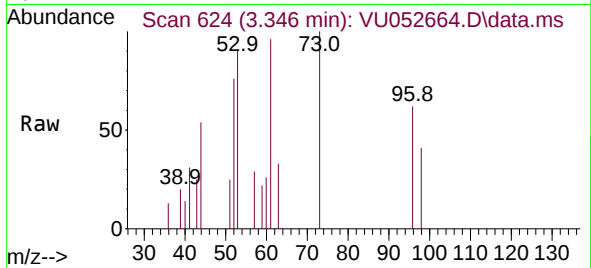




#21
trans-1,2-Dichloroethene
Concen: 0.203 ug/l
RT: 3.346 min Scan# 61
Delta R.T. -0.004 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

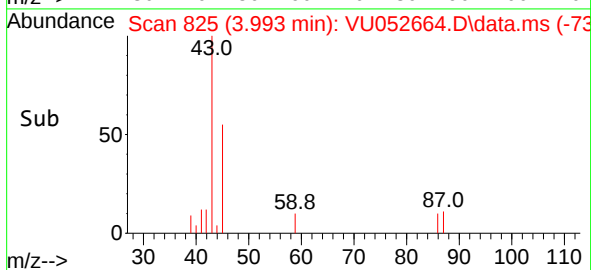
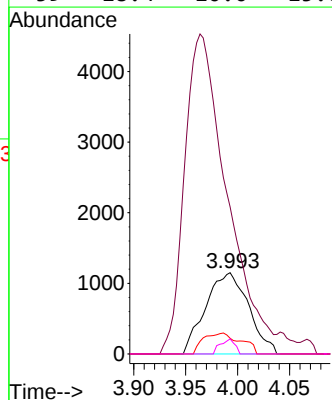
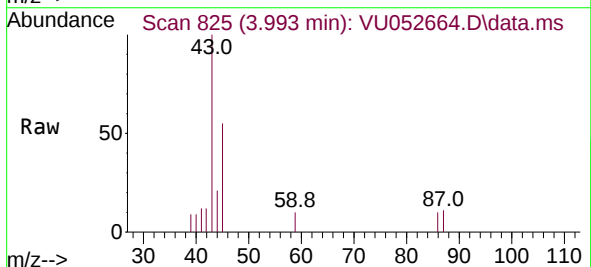
Instrument :
MSVOA_U
ClientSampleId :
MDL03

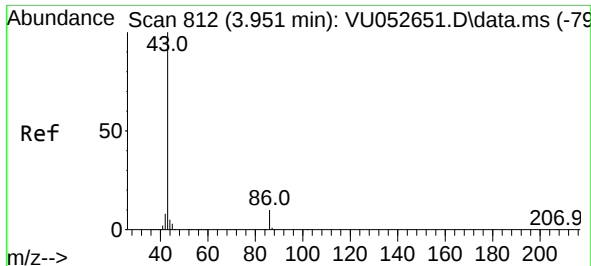
Tgt Ion: 96 Resp: 491
Ion Ratio Lower Upper
96 100
61 155.4 106.1 159.1
98 66.7 50.8 76.2



#22
Diisopropyl ether
Concen: 0.391 ug/l
RT: 3.993 min Scan# 825
Delta R.T. 0.007 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

Tgt Ion: 45 Resp: 3304
Ion Ratio Lower Upper
45 100
43 153.7 92.9 139.3#
87 19.4 26.2 39.2#
59 18.4 10.0 15.0#

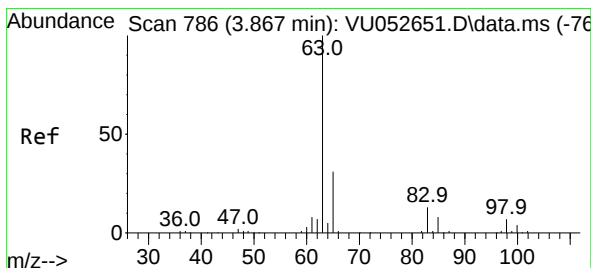
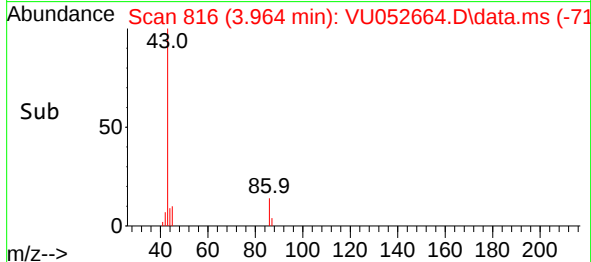
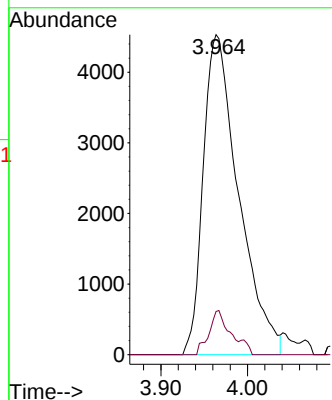
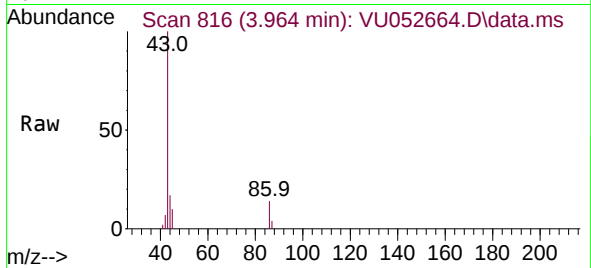




#23
 Vinyl Acetate
 Concen: 1.953 ug/l
 RT: 3.964 min Scan# 812
 Delta R.T. 0.013 min
 Lab File: VU052664.D
 Acq: 12 Jan 2023 14:26

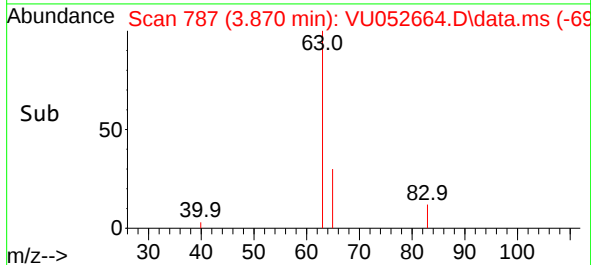
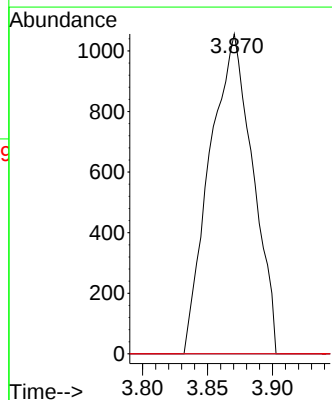
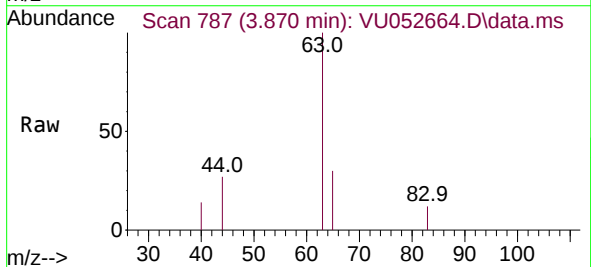
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

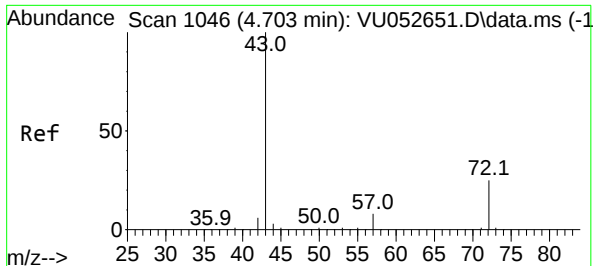
Tgt Ion: 43 Resp: 12853
 Ion Ratio Lower Upper
 43 100
 86 13.5 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 0.490 ug/l
 RT: 3.870 min Scan# 787
 Delta R.T. 0.003 min
 Lab File: VU052664.D
 Acq: 12 Jan 2023 14:26

Tgt Ion: 63 Resp: 2433
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.9#
 100 0.0 2.4 7.2#

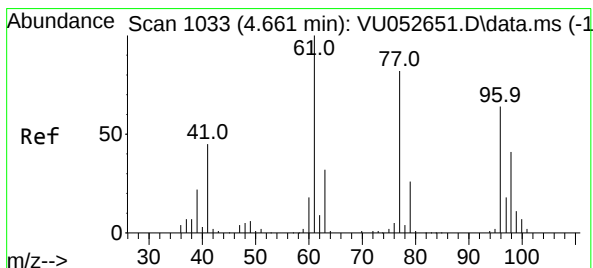
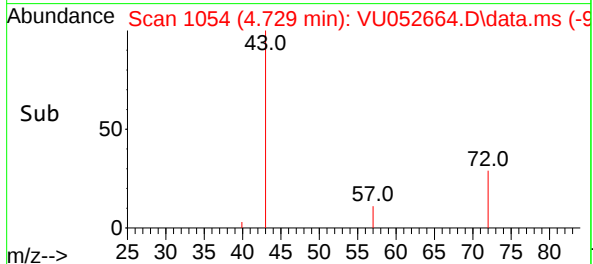
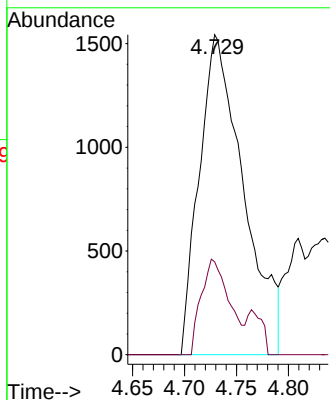
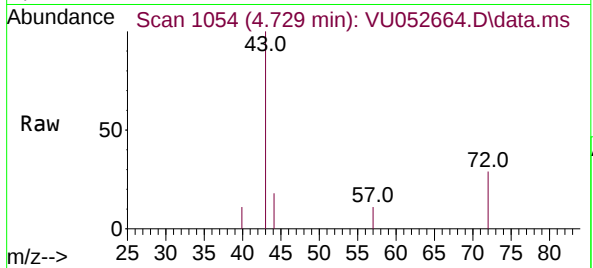




#25
2-Butanone
Concen: 2.122 ug/l
RT: 4.729 min Scan# 1054
Delta R.T. 0.026 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

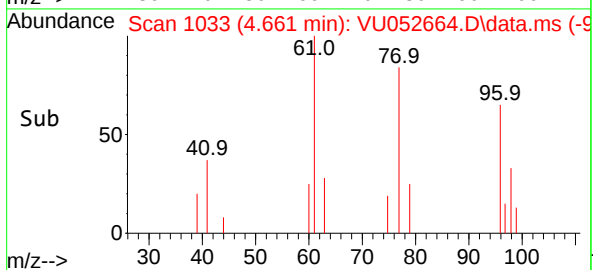
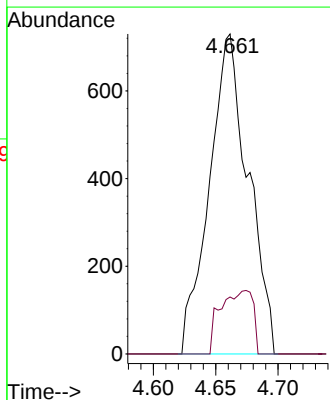
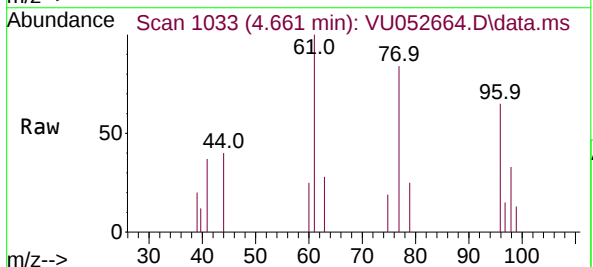
Instrument :
MSVOA_U
ClientSampleId :
MDL03

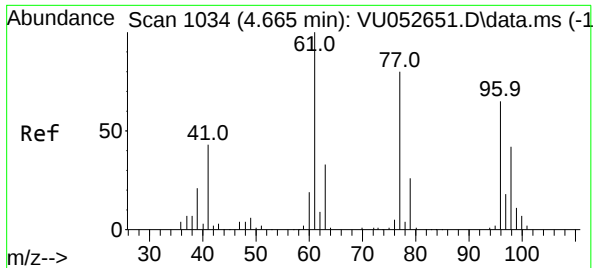
Tgt Ion: 43 Resp: 4560
Ion Ratio Lower Upper
43 100
72 29.0 23.8 35.6



#26
2,2-Dichloropropane
Concen: 0.409 ug/l
RT: 4.661 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

Tgt Ion: 77 Resp: 1583
Ion Ratio Lower Upper
77 100
97 16.6 11.6 34.8

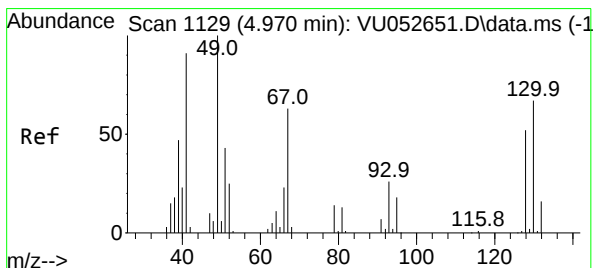
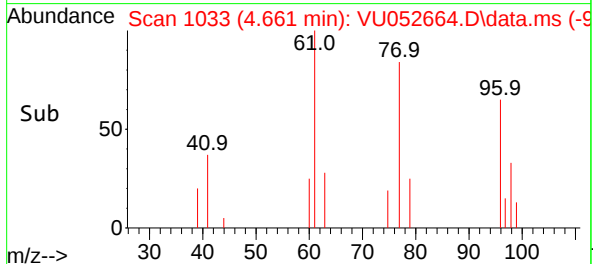
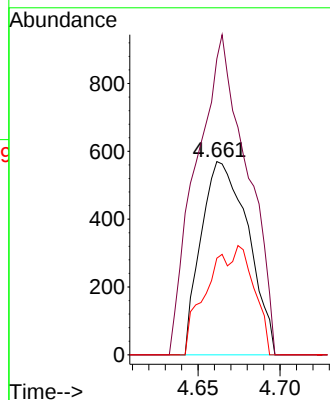
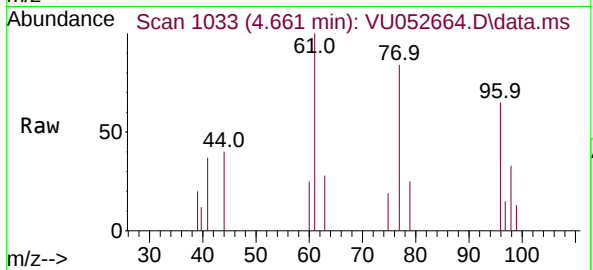




#27
 cis-1,2-Dichloroethene
 Concen: 0.411 ug/l
 RT: 4.661 min Scan# 1133
 Delta R.T. -0.004 min
 Lab File: VU052664.D
 Acq: 12 Jan 2023 14:26

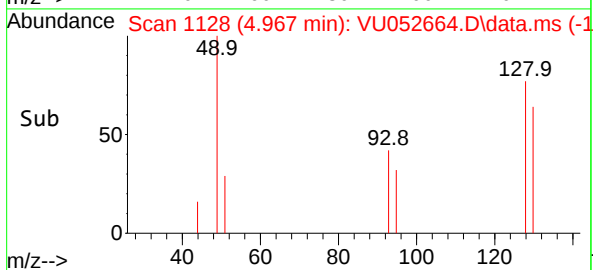
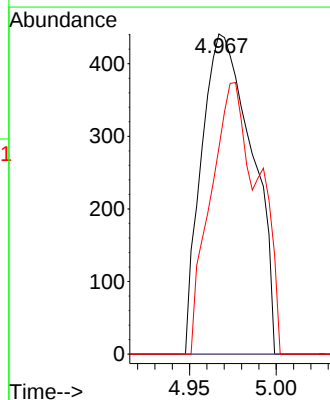
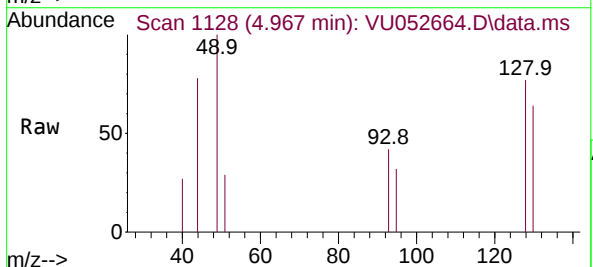
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

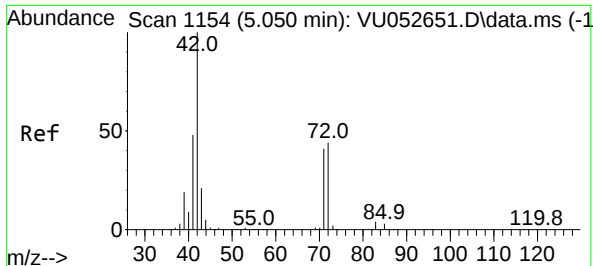
Tgt Ion:	96	Resp:	1133
Ion	Ratio	Lower	Upper
96	100		
61	178.9	0.0	271.6
98	28.5	0.0	128.2



#28
 Bromochloromethane
 Concen: 0.392 ug/l
 RT: 4.967 min Scan# 1128
 Delta R.T. -0.003 min
 Lab File: VU052664.D
 Acq: 12 Jan 2023 14:26

Tgt Ion:	49	Resp:	895
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	80.4	76.9	115.3

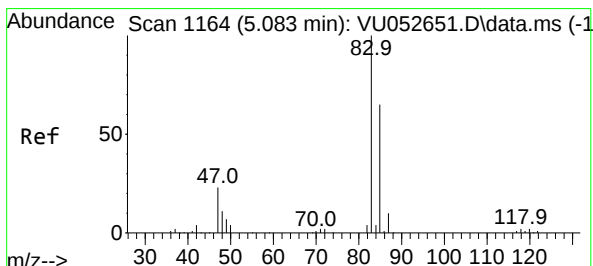
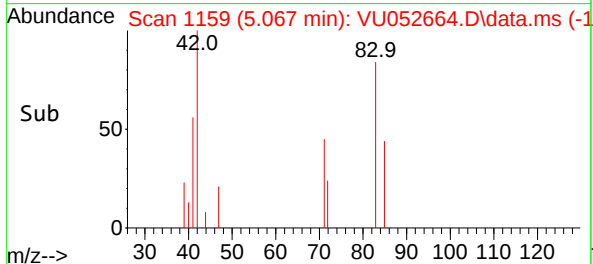
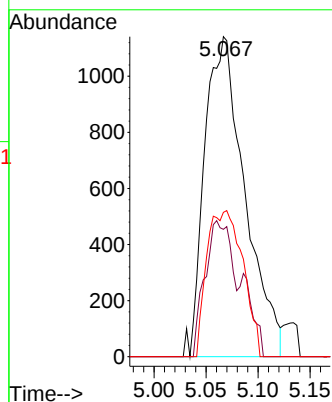
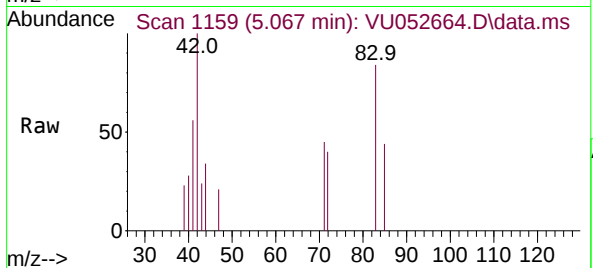




#29
Tetrahydrofuran
Concen: 2.353 ug/l
RT: 5.067 min Scan# 1159
Delta R.T. 0.017 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

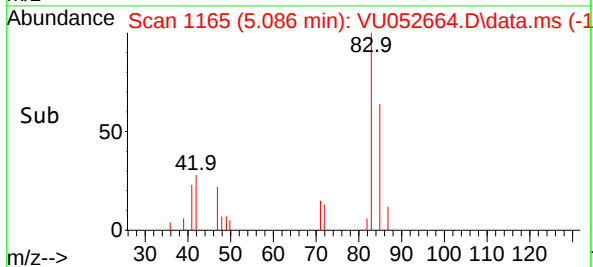
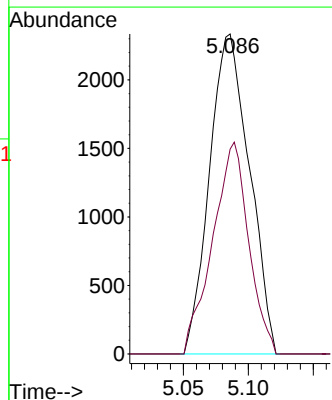
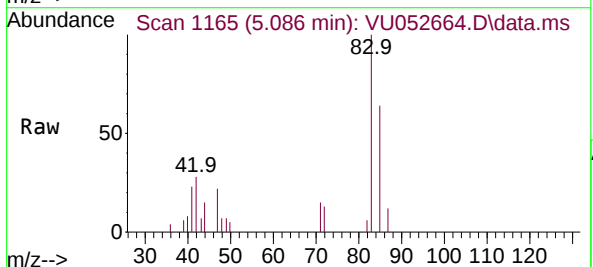
Instrument :
MSVOA_U
ClientSampleId :
MDL03

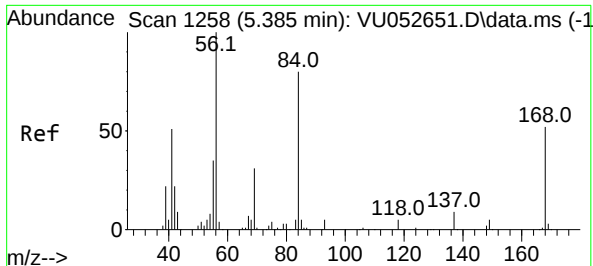
Tgt Ion:	42	Resp:	3067
Ion	Ratio	Lower	Upper
42	100		
72	28.7	42.6	63.8#
71	40.9	40.3	60.5



#30
Chloroform
Concen: 0.986 ug/l
RT: 5.086 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

Tgt Ion:	83	Resp:	4985
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.2	76.8





#31

Cyclohexane

Concen: 1.287 ug/l

RT: 5.378 min Scan# 1256

Delta R.T. -0.007 min

Lab File: VU052664.D

Acq: 12 Jan 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

MDL03

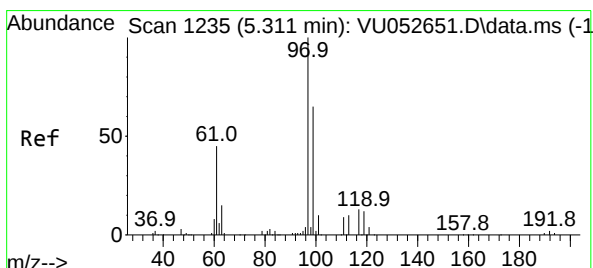
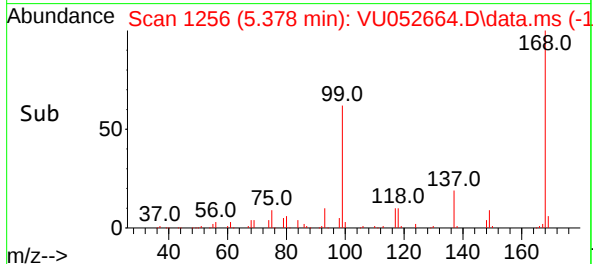
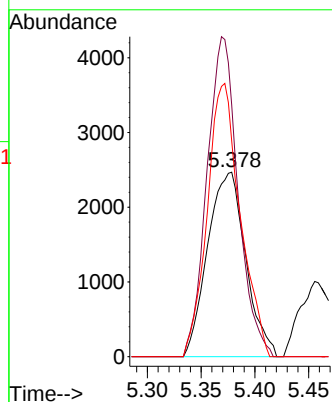
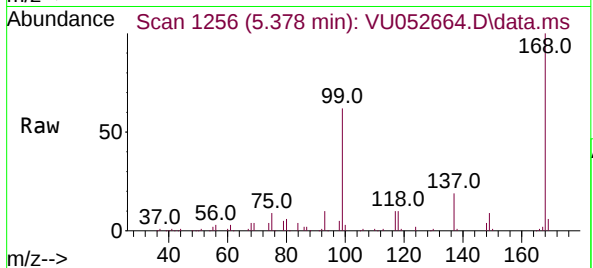
Tgt Ion: 56 Resp: 6059

Ion Ratio Lower Upper

56 100

69 136.3 27.8 41.8#

84 116.8 74.2 111.4#



#32

1,1,1-Trichloroethane

Concen: 0.444 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. -0.000 min

Lab File: VU052664.D

Acq: 12 Jan 2023 14:26

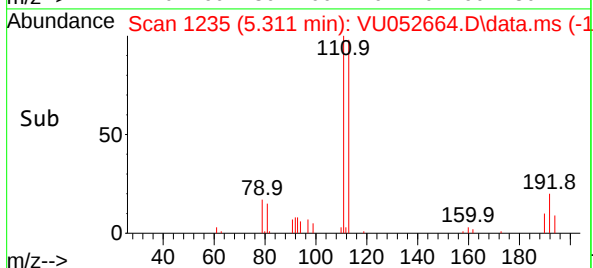
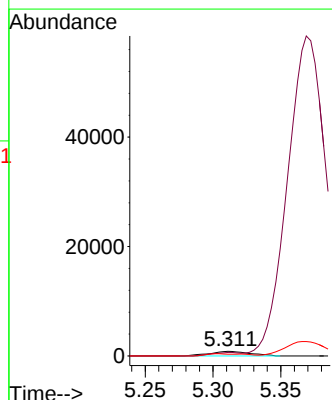
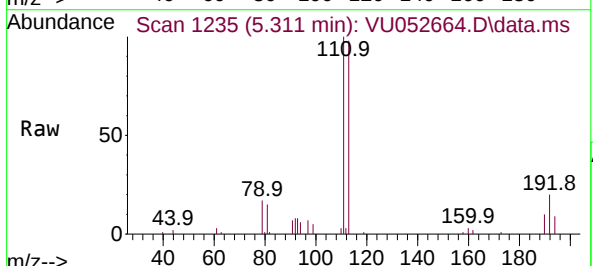
Tgt Ion: 97 Resp: 1758

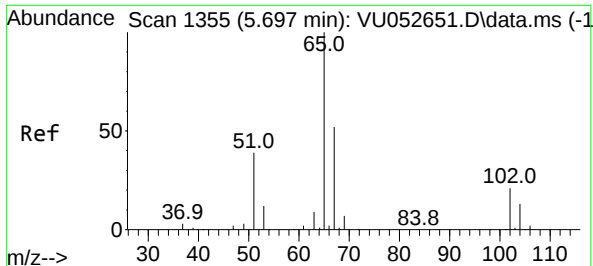
Ion Ratio Lower Upper

97 100

99 0.0 51.8 77.6#

61 28.0 35.1 52.7#





#33

1,2-Dichloroethane-d4

Concen: 56.759 ug/l

RT: 5.697 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU052664.D

Acq: 12 Jan 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

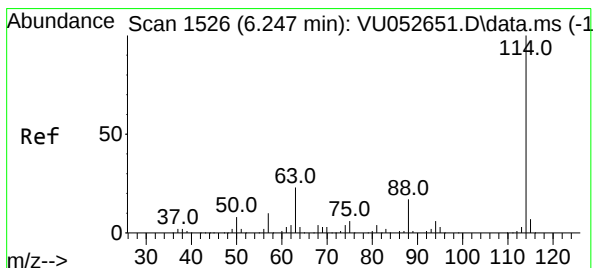
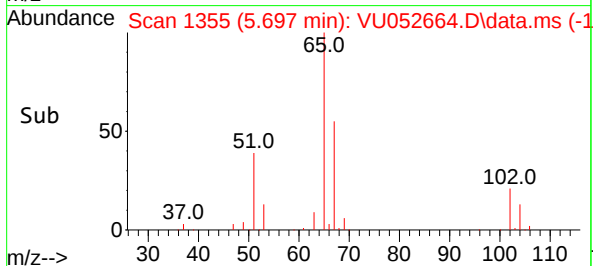
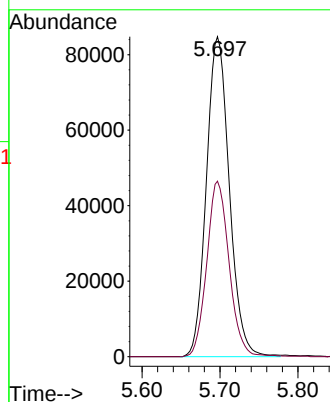
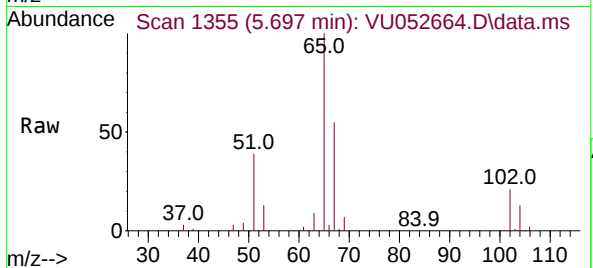
MDL03

Tgt Ion: 65 Resp: 173216

Ion Ratio Lower Upper

65 100

67 53.6 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. -0.000 min

Lab File: VU052664.D

Acq: 12 Jan 2023 14:26

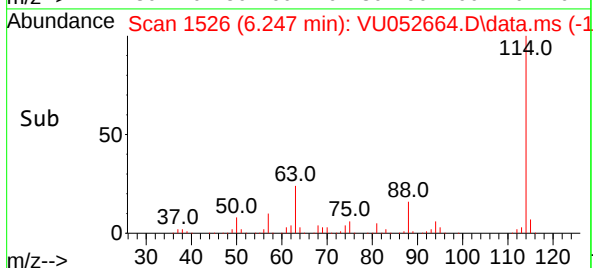
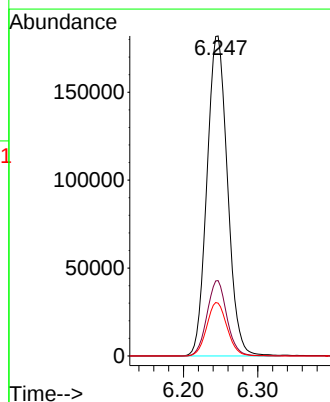
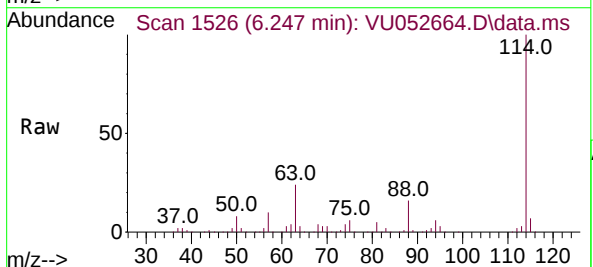
Tgt Ion:114 Resp: 348690

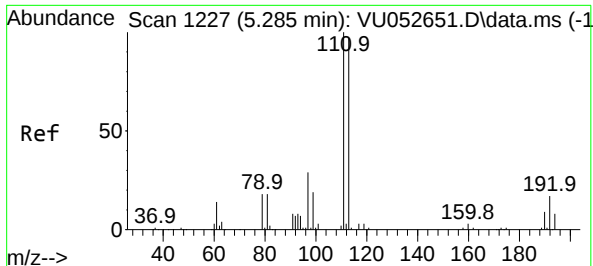
Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

88 16.5 0.0 29.2





#35

Dibromofluoromethane

Concen: 52.371 ug/l

RT: 5.285 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU052664.D

Acq: 12 Jan 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

MDL03

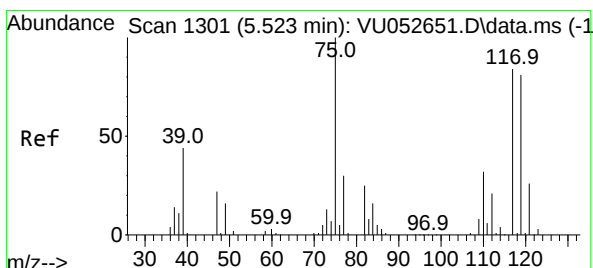
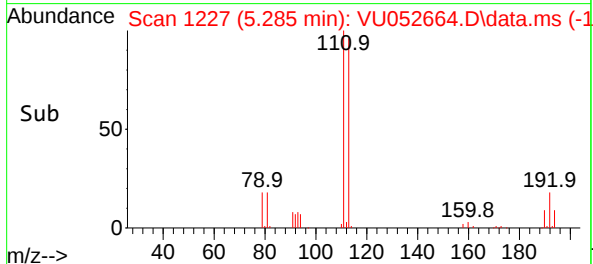
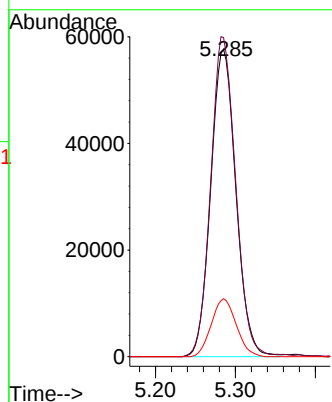
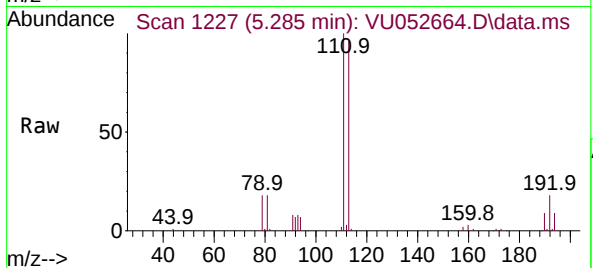
Tgt Ion:113 Resp: 125783

Ion Ratio Lower Upper

113 100

111 102.9 82.1 123.1

192 18.7 18.0 27.0



#36

1,1-Dichloropropene

Concen: 0.411 ug/l

RT: 5.526 min Scan# 1302

Delta R.T. 0.003 min

Lab File: VU052664.D

Acq: 12 Jan 2023 14:26

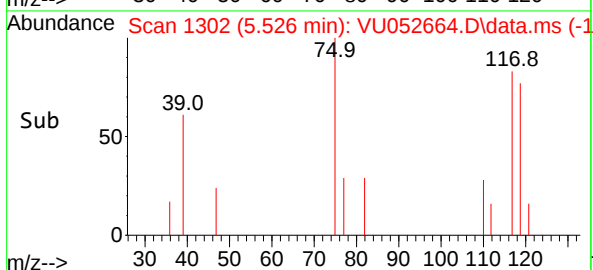
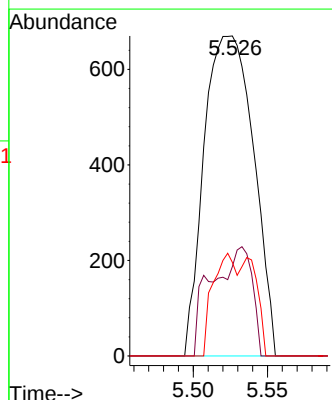
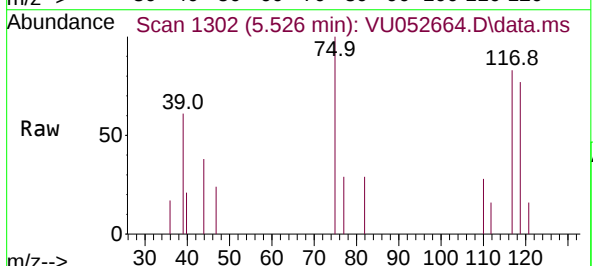
Tgt Ion: 75 Resp: 1552

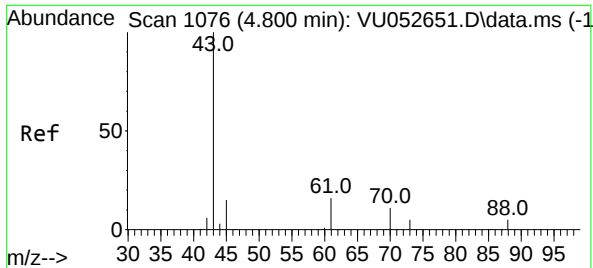
Ion Ratio Lower Upper

75 100

110 14.0 18.4 55.2#

77 15.4 25.1 37.7#

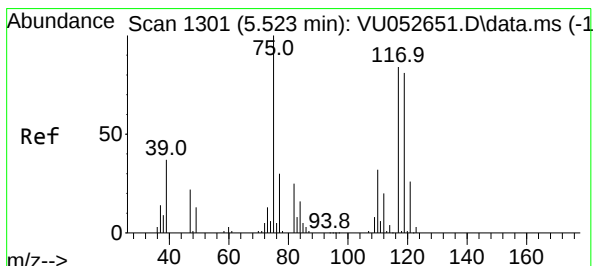
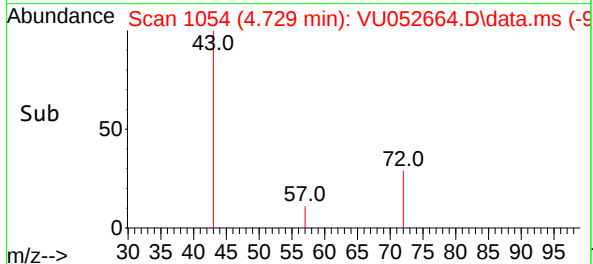
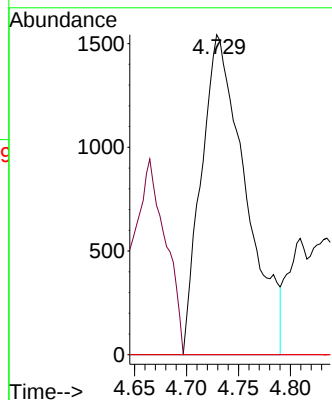
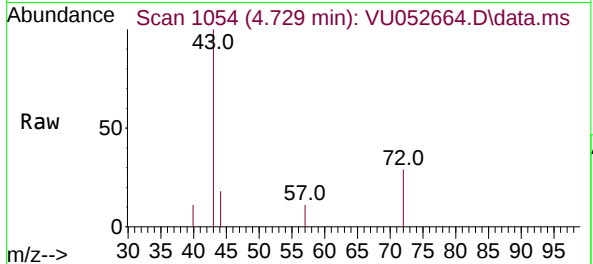




#37
Ethyl Acetate
Concen: 0.952 ug/l
RT: 4.729 min Scan# 1054
Delta R.T. -0.071 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

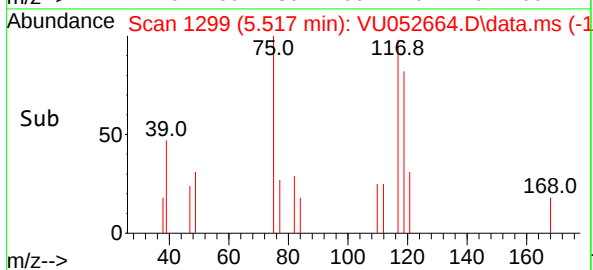
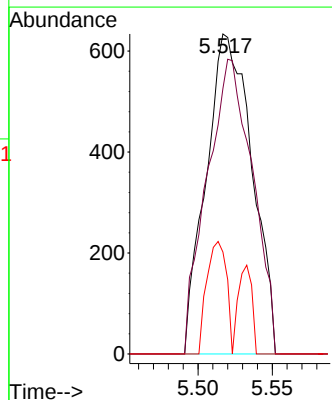
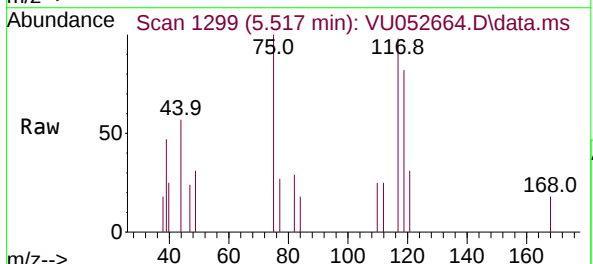
Instrument :
MSVOA_U
ClientSampleId :
MDL03

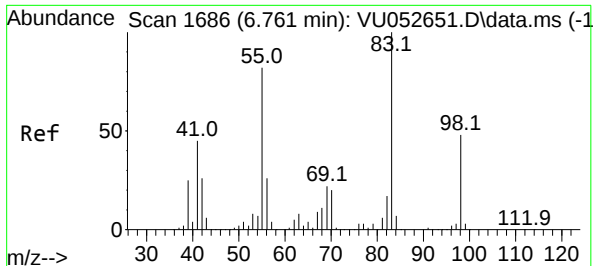
Tgt Ion: 43 Resp: 4560
Ion Ratio Lower Upper
43 100
61 0.0 9.5 14.3#
70 0.0 7.5 11.3#



#38
Carbon Tetrachloride
Concen: 0.388 ug/l
RT: 5.517 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

Tgt Ion: 117 Resp: 1359
Ion Ratio Lower Upper
117 100
119 83.0 76.8 115.2
121 31.9 24.7 37.1





#39

Methylcyclohexane

Concen: 0.391 ug/l

RT: 6.764 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU052664.D

Acq: 12 Jan 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

MDL03

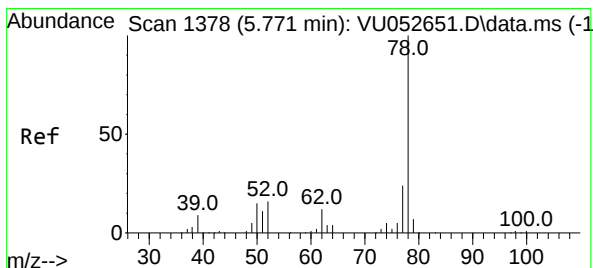
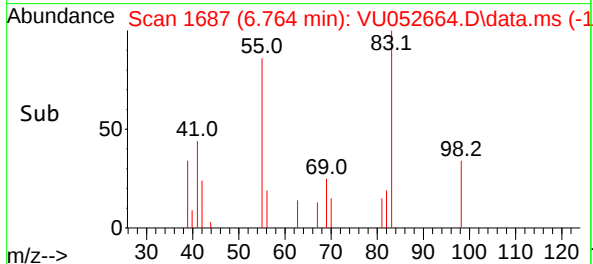
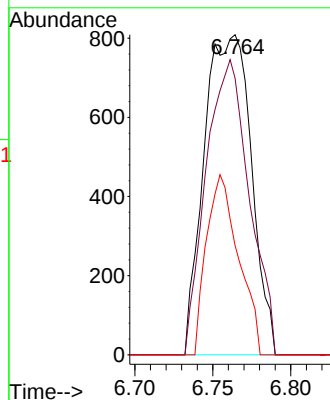
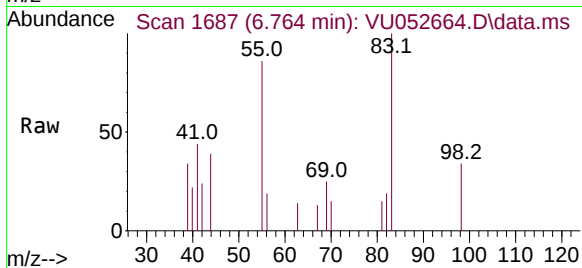
Tgt Ion: 83 Resp: 1699

Ion Ratio Lower Upper

83 100

55 86.4 55.3 82.9#

98 34.1 37.3 55.9#



#40

Benzene

Concen: 0.415 ug/l

RT: 5.771 min Scan# 1378

Delta R.T. -0.000 min

Lab File: VU052664.D

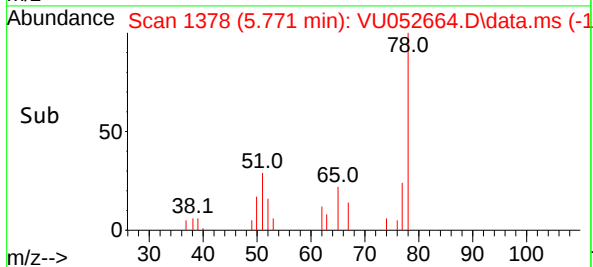
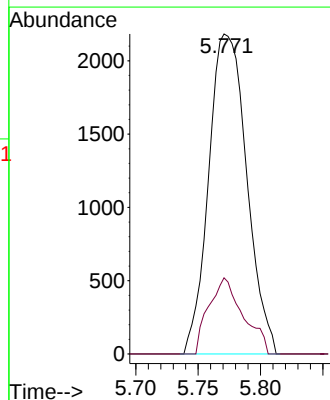
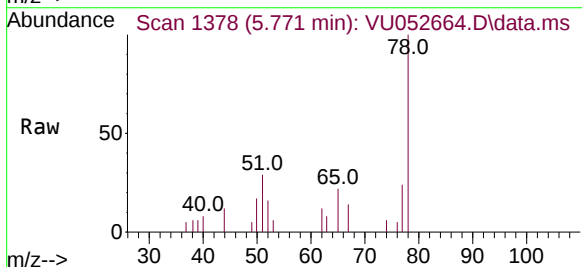
Acq: 12 Jan 2023 14:26

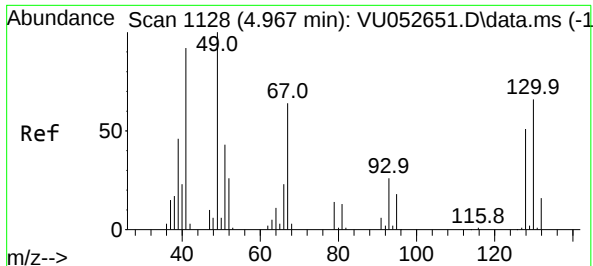
Tgt Ion: 78 Resp: 4632

Ion Ratio Lower Upper

78 100

77 23.8 18.8 28.2

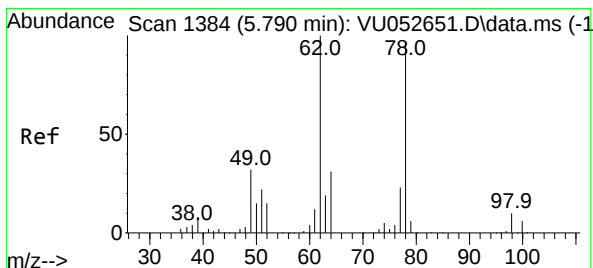
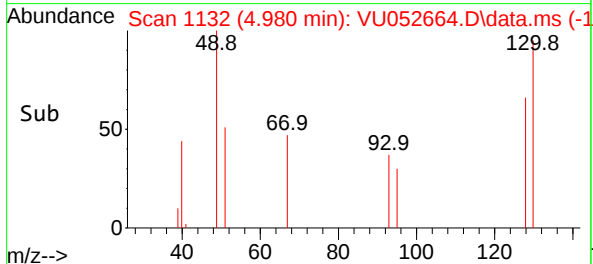
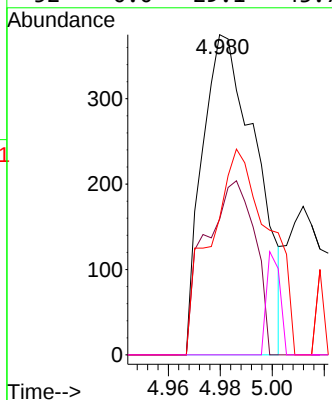
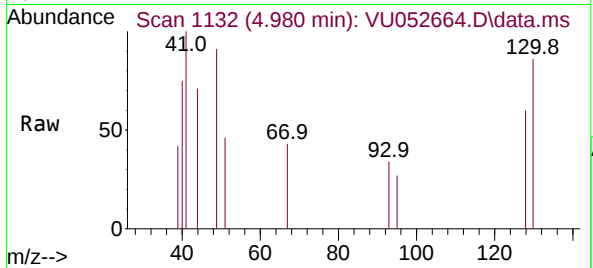




#41
Methacrylonitrile
Concen: 0.243 ug/l
RT: 4.980 min Scan# 1128
Delta R.T. 0.013 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

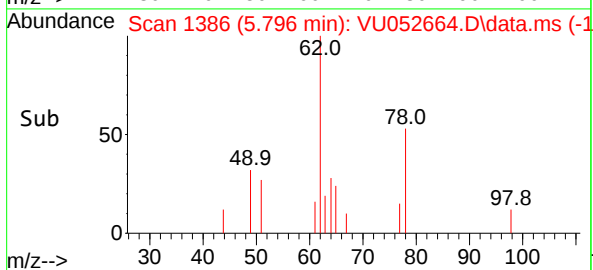
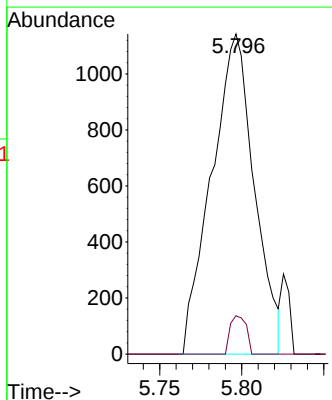
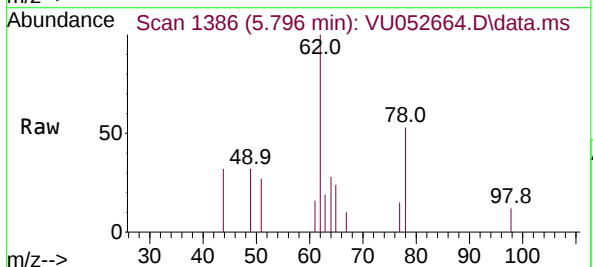
Instrument :
MSVOA_U
ClientSampleId :
MDL03

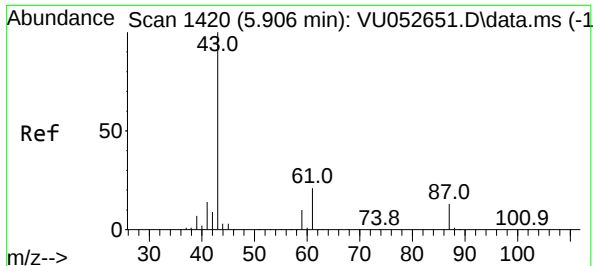
Tgt Ion: 41	Resp: 545
Ion Ratio	Lower Upper
41 100	
39 49.5	43.1 64.7
67 69.4	72.3 108.5#
52 0.0	29.1 43.7#



#42
1,2-Dichloroethane
Concen: 0.515 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

Tgt Ion: 62	Resp: 2070
Ion Ratio	Lower Upper
62 100	
98 4.5	0.0 18.6





#43

Isopropyl Acetate

Concen: 0.481 ug/l

RT: 5.915 min Scan# 1423

Delta R.T. 0.009 min

Lab File: VU052664.D

Acq: 12 Jan 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

MDL03

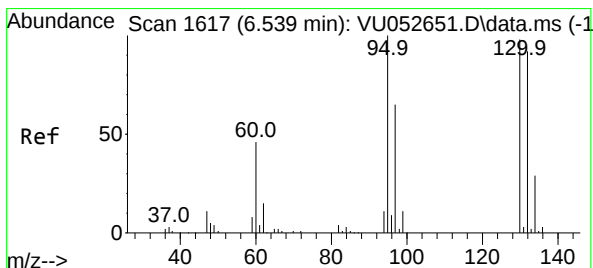
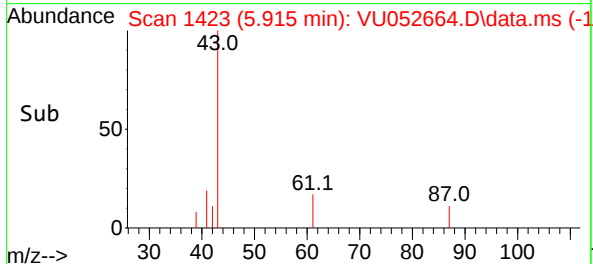
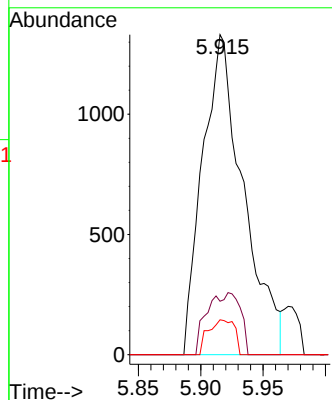
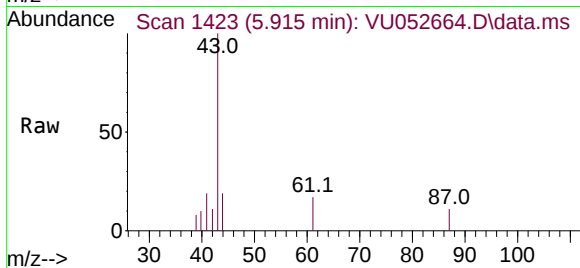
Tgt Ion: 43 Resp: 3026

Ion Ratio Lower Upper

43 100

61 7.4 17.4 26.0#

87 7.0 12.6 18.8#



#44

Trichloroethene

Concen: 0.453 ug/l

RT: 6.539 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VU052664.D

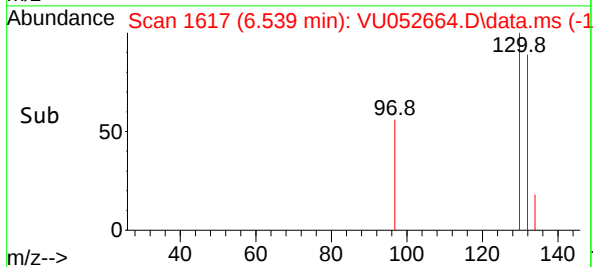
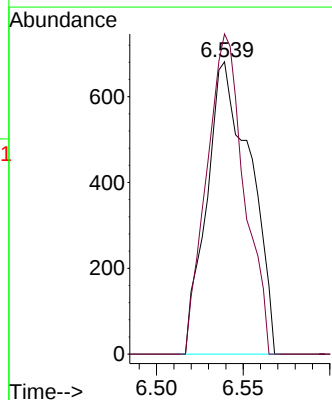
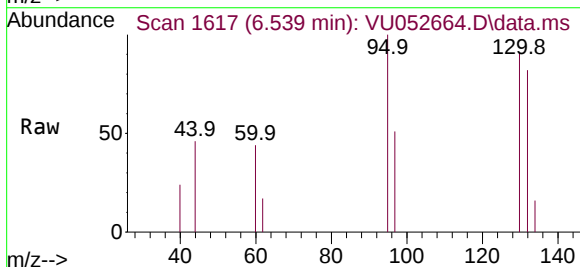
Acq: 12 Jan 2023 14:26

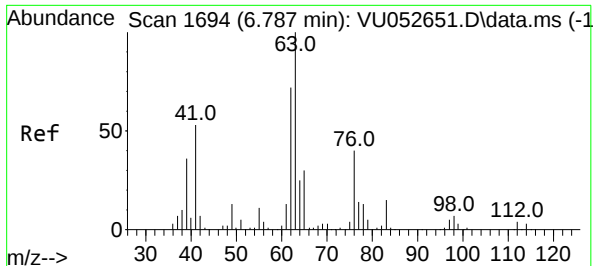
Tgt Ion: 130 Resp: 1195

Ion Ratio Lower Upper

130 100

95 109.5 0.0 184.6





#45

1,2-Dichloropropane

Concen: 0.405 ug/l

RT: 6.787 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052664.D

Acq: 12 Jan 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

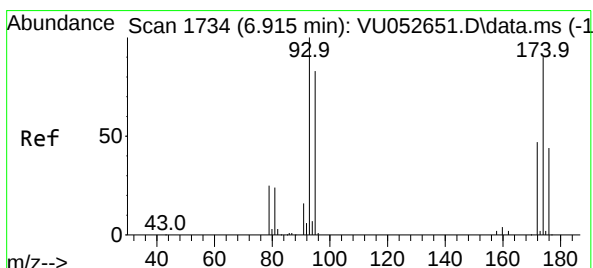
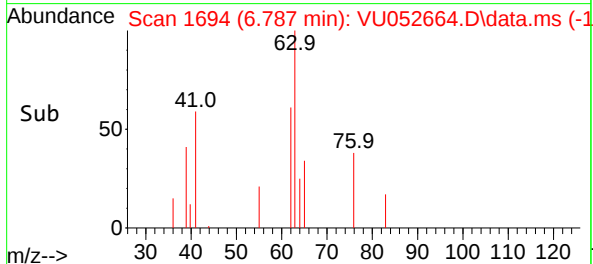
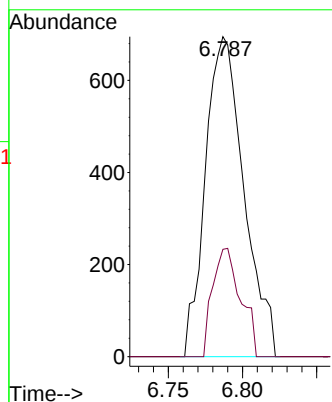
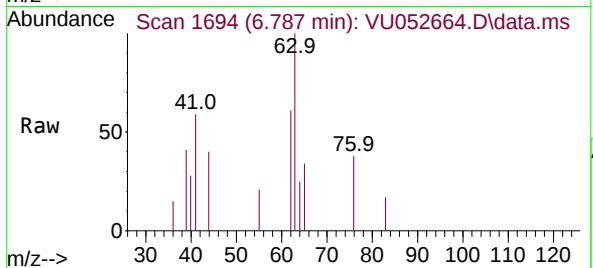
MDL03

Tgt Ion: 63 Resp: 1253

Ion Ratio Lower Upper

63 100

65 33.5 25.0 37.4



#46

Dibromomethane

Concen: 0.431 ug/l

RT: 6.912 min Scan# 1733

Delta R.T. -0.003 min

Lab File: VU052664.D

Acq: 12 Jan 2023 14:26

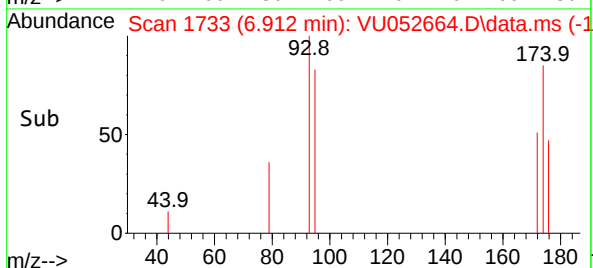
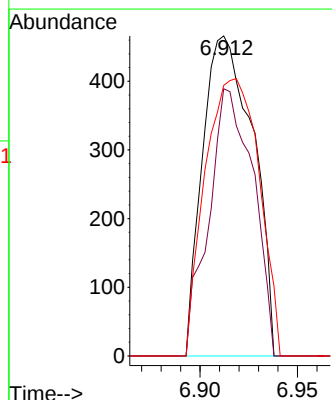
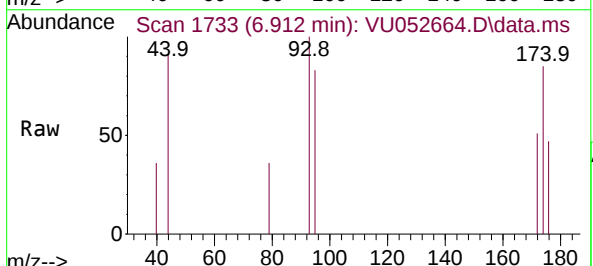
Tgt Ion: 93 Resp: 837

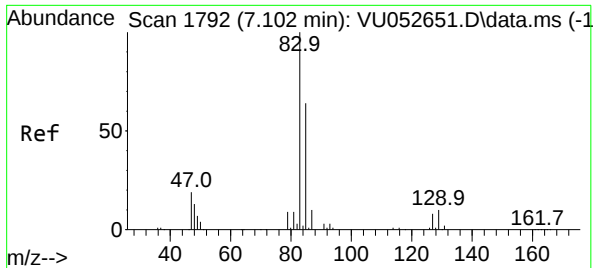
Ion Ratio Lower Upper

93 100

95 73.4 66.3 99.5

174 92.5 88.2 132.4

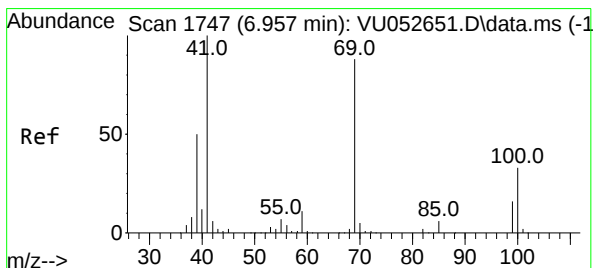
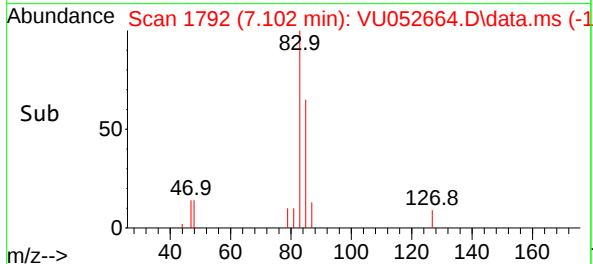
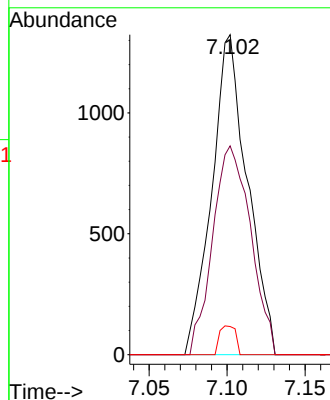
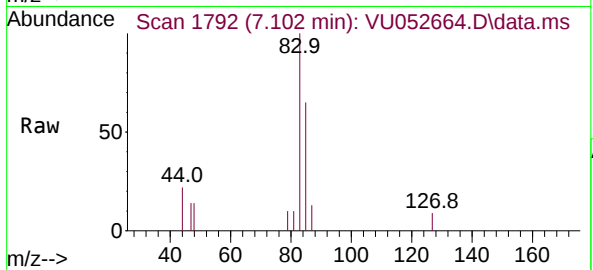




#47
Bromodichloromethane
Concen: 0.527 ug/l
RT: 7.102 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

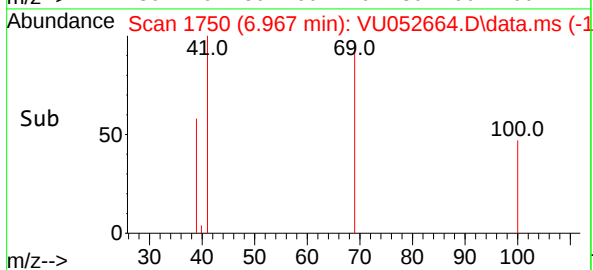
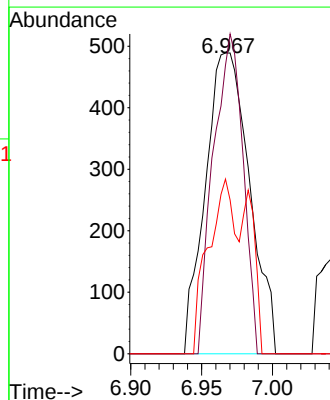
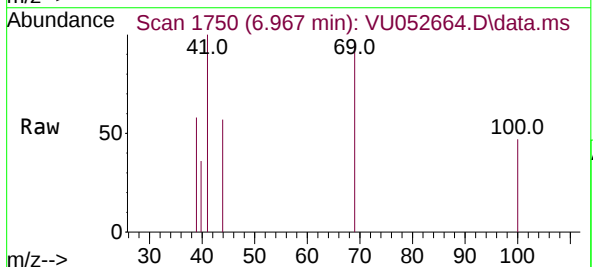
Instrument :
MSVOA_U
ClientSampleId :
MDL03

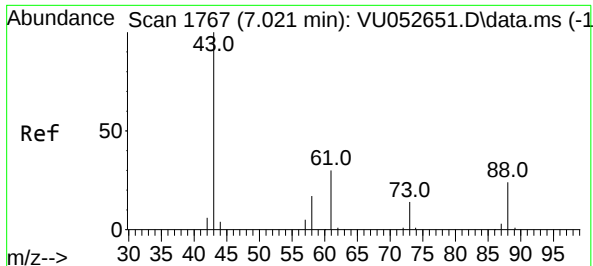
Tgt Ion: 83 Resp: 2099
Ion Ratio Lower Upper
83 100
85 65.3 51.4 77.2
127 8.8 7.1 10.7



#48
Methyl methacrylate
Concen: 0.364 ug/l
RT: 6.967 min Scan# 1750
Delta R.T. 0.010 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

Tgt Ion: 41 Resp: 1062
Ion Ratio Lower Upper
41 100
69 71.1 79.8 119.6#
39 36.5 47.9 71.9#

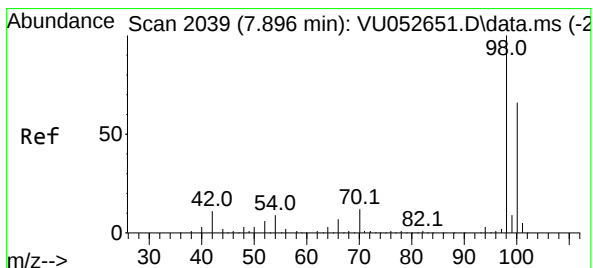
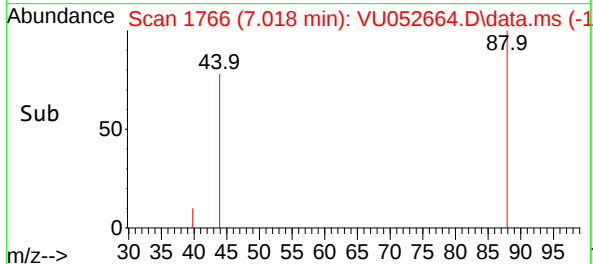
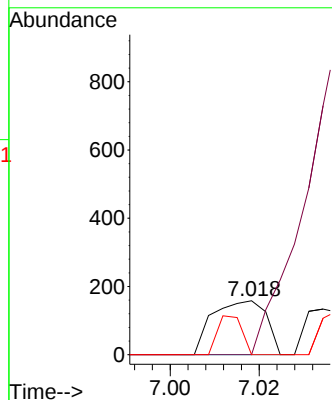
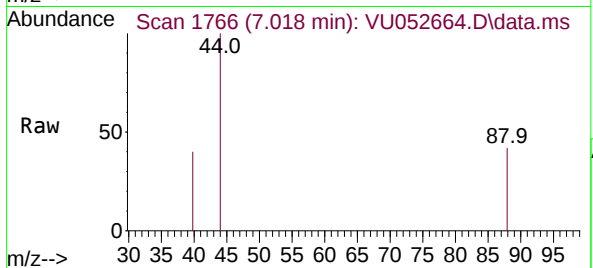




#49
1,4-Dioxane
Concen: 2.380 ug/l
RT: 7.018 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

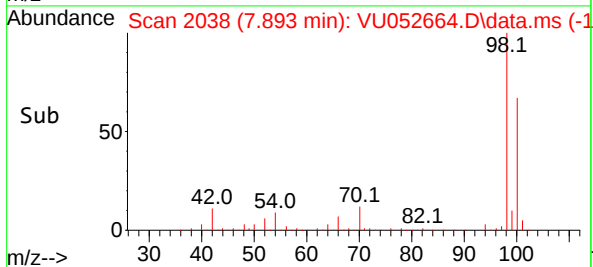
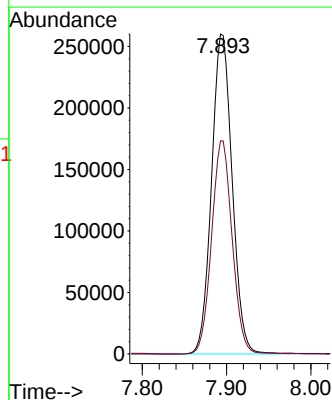
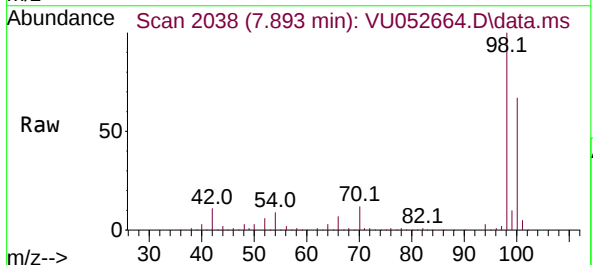
Instrument :
MSVOA_U
ClientSampleId :
MDL03

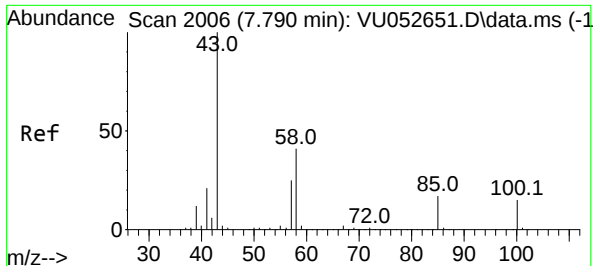
Tgt Ion: 88 Resp: 132
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 32.6 15.4 23.0#



#50
Toluene-d8
Concen: 47.852 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.003 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

Tgt Ion: 98 Resp: 441230
Ion Ratio Lower Upper
98 100
100 66.6 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 1.870 ug/l

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU052664.D

Acq: 12 Jan 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

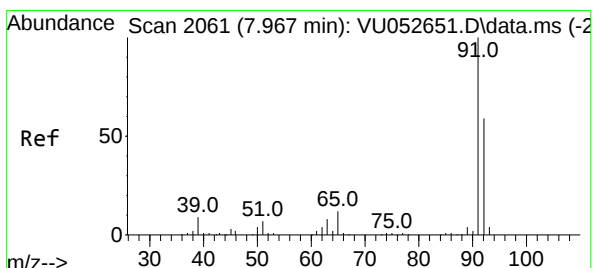
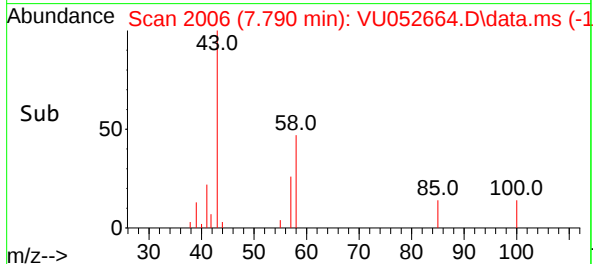
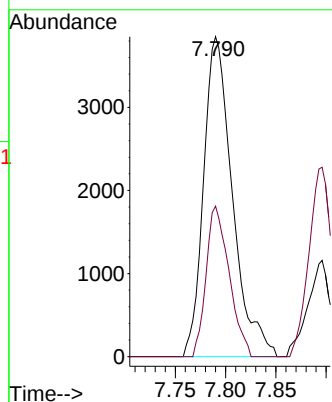
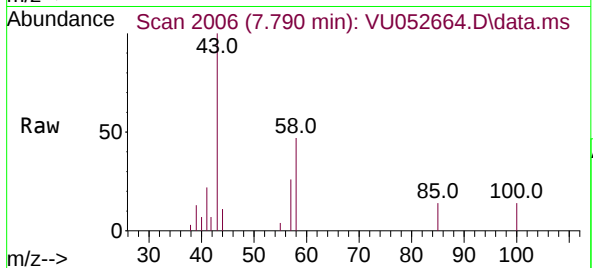
MDL03

Tgt Ion: 43 Resp: 7682

Ion Ratio Lower Upper

43 100

58 37.5 34.7 52.1



#52

Toluene

Concen: 0.407 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU052664.D

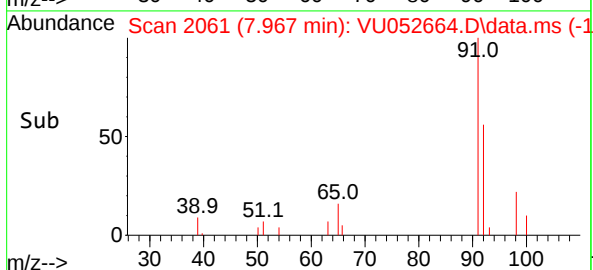
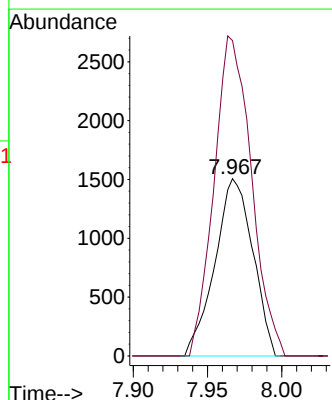
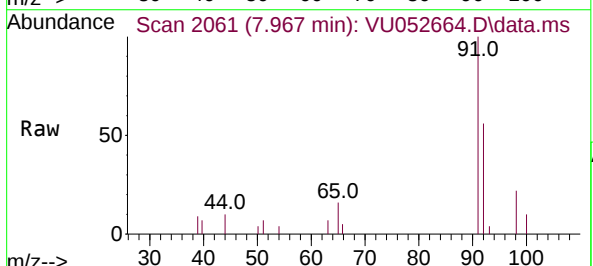
Acq: 12 Jan 2023 14:26

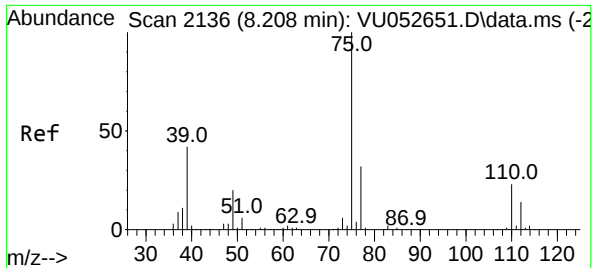
Tgt Ion: 92 Resp: 2674

Ion Ratio Lower Upper

92 100

91 177.8 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 0.370 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU052664.D

Acq: 12 Jan 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

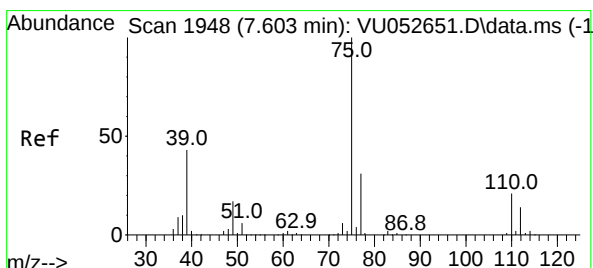
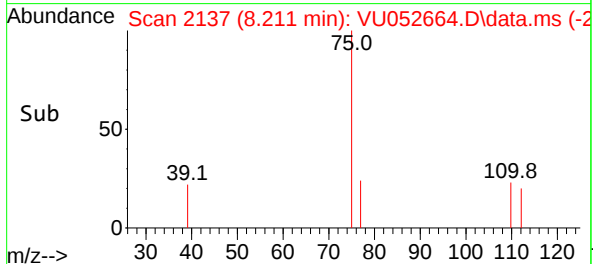
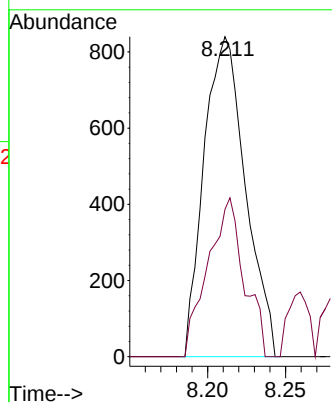
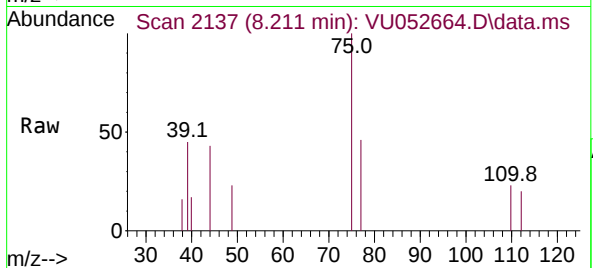
MDL03

Tgt Ion: 75 Resp: 1555

Ion Ratio Lower Upper

75 100

77 46.1 25.4 38.0#



#54

cis-1,3-Dichloropropene

Concen: 0.359 ug/l

RT: 7.603 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VU052664.D

Acq: 12 Jan 2023 14:26

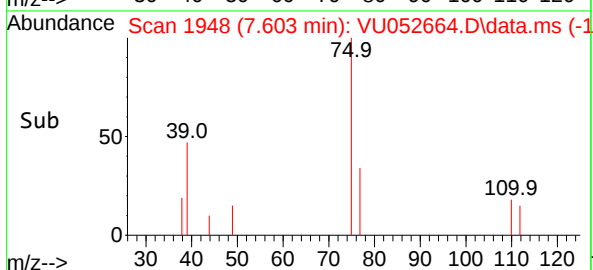
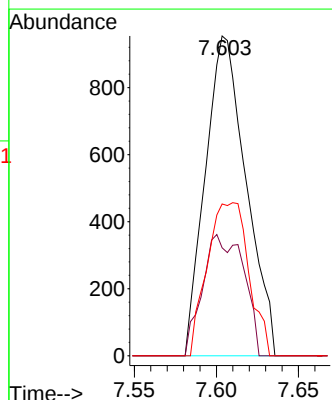
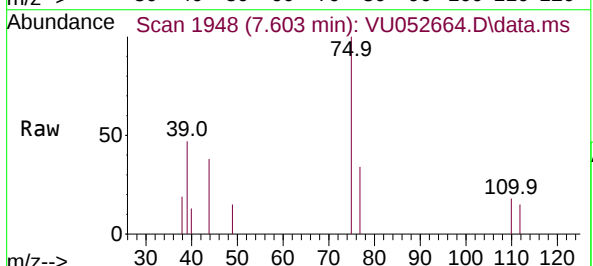
Tgt Ion: 75 Resp: 1644

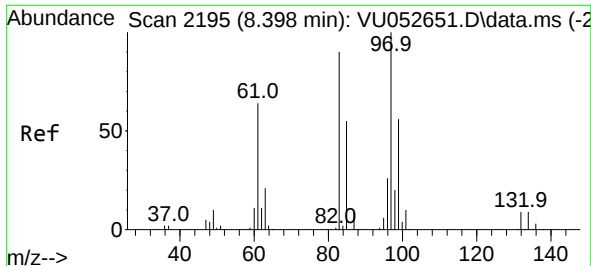
Ion Ratio Lower Upper

75 100

77 33.8 25.7 38.5

39 47.5 33.0 49.6

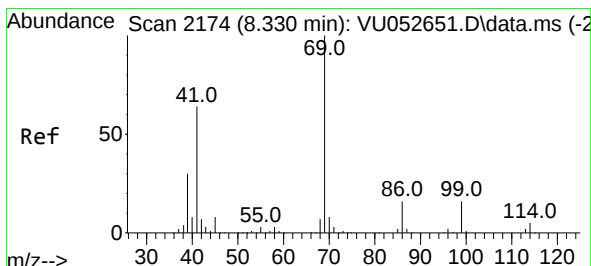
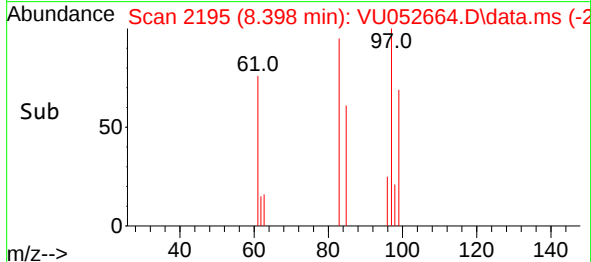
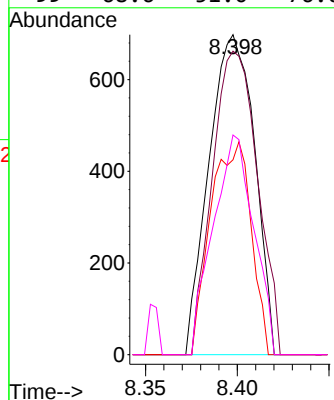
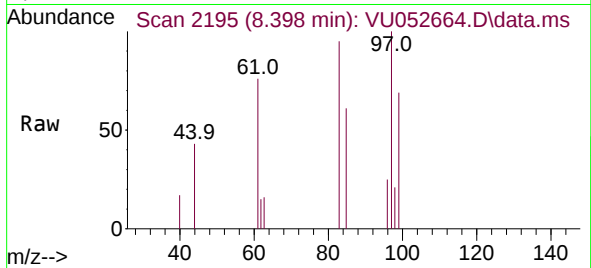




#55
1,1,2-Trichloroethane
Concen: 0.445 ug/l
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

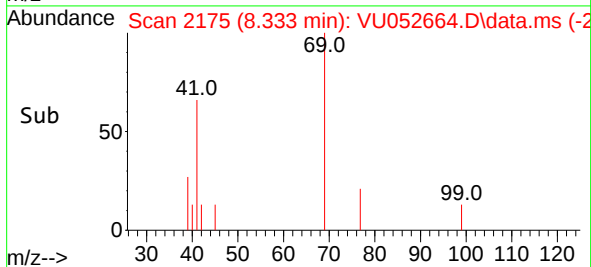
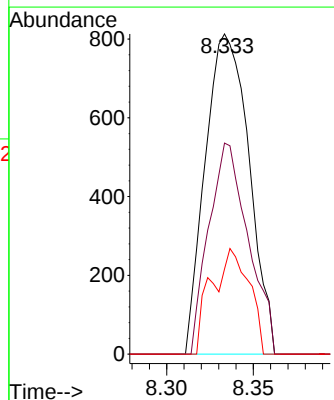
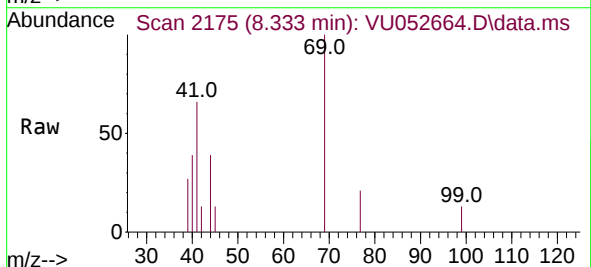
Instrument :
MSVOA_U
ClientSampleId :
MDL03

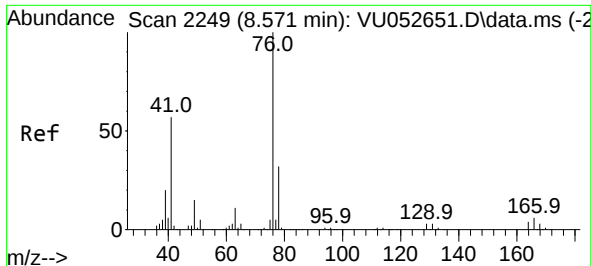
Tgt Ion:	97	Resp:	1205
Ion	Ratio	Lower	Upper
97	100		
83	94.8	70.2	105.4
85	60.9	44.6	66.8
99	68.6	51.0	76.6



#56
Ethyl methacrylate
Concen: 0.357 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. 0.003 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

Tgt Ion:	69	Resp:	1429
Ion	Ratio	Lower	Upper
69	100		
41	59.6	45.4	68.0
39	28.3	25.7	38.5





#57

1,3-Dichloropropane

Concen: 0.445 ug/l

RT: 8.574 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU052664.D

Acq: 12 Jan 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

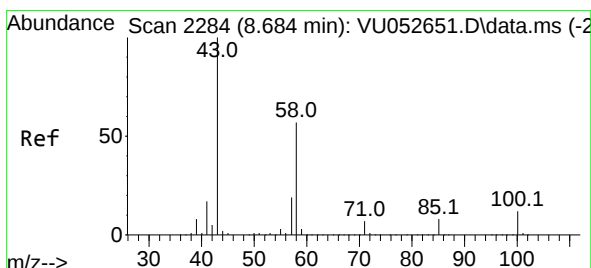
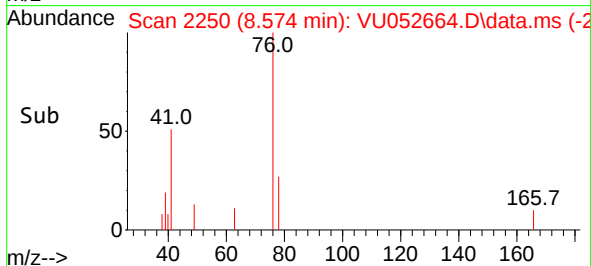
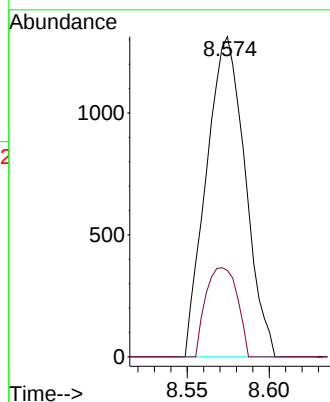
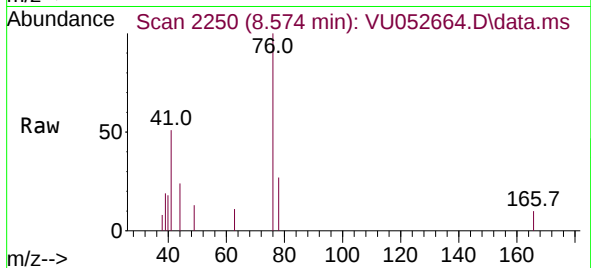
MDL03

Tgt Ion: 76 Resp: 2152

Ion Ratio Lower Upper

76 100

78 22.6 26.1 39.1#



#59

2-Hexanone

Concen: 1.810 ug/l

RT: 8.693 min Scan# 2287

Delta R.T. 0.009 min

Lab File: VU052664.D

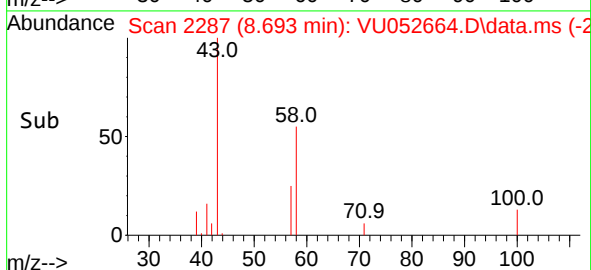
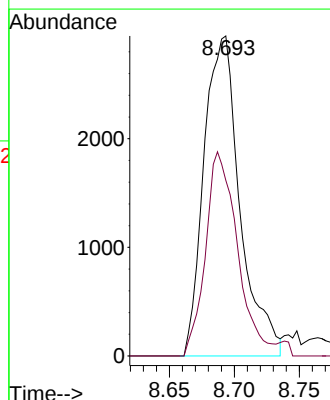
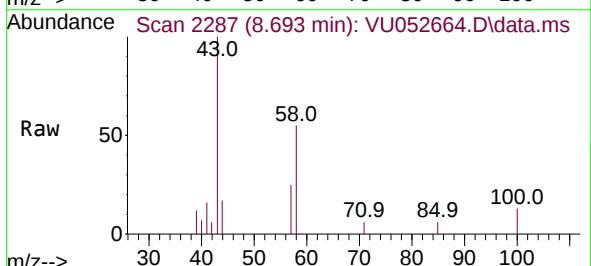
Acq: 12 Jan 2023 14:26

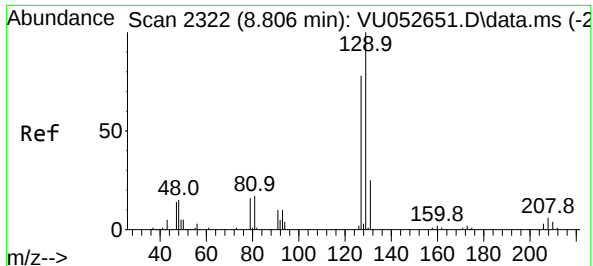
Tgt Ion: 43 Resp: 5682

Ion Ratio Lower Upper

43 100

58 56.8 30.3 90.8

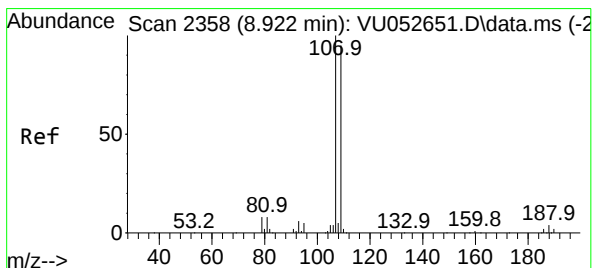
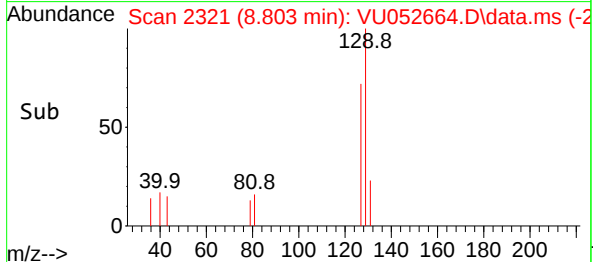
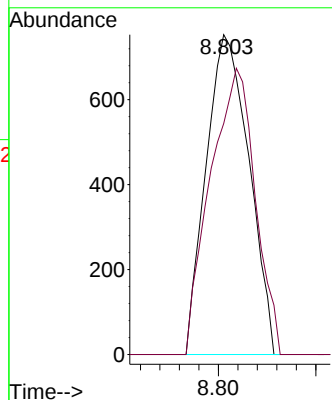
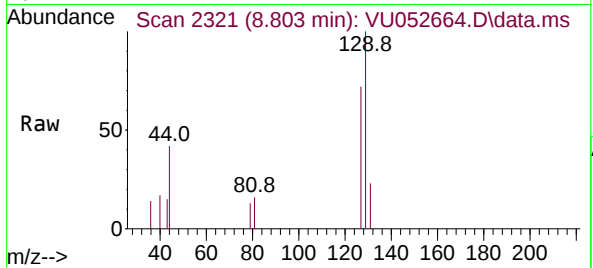




#60
Dibromochloromethane
Concen: 0.408 ug/l
RT: 8.803 min Scan# 211
Delta R.T. -0.003 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

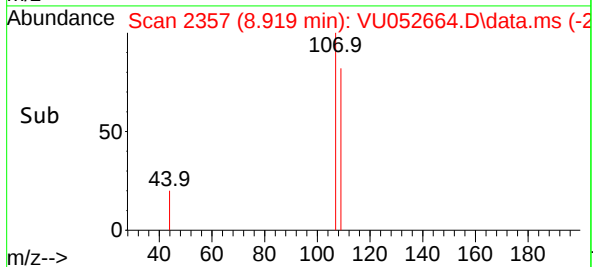
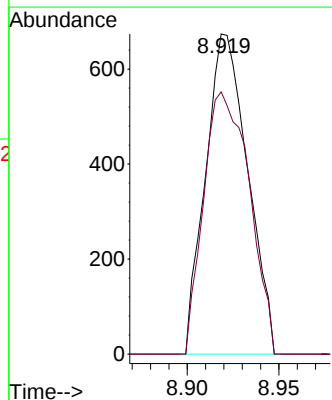
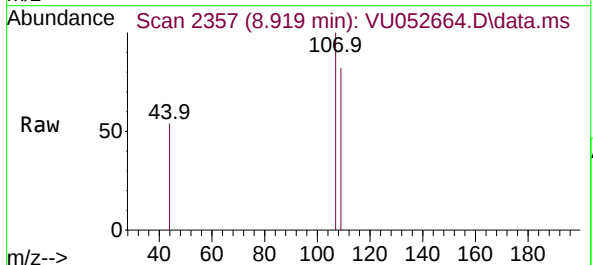
Instrument :
MSVOA_U
ClientSampleId :
MDL03

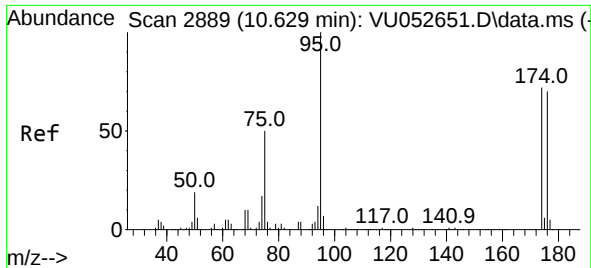
Tgt Ion:129 Resp: 1150
Ion Ratio Lower Upper
129 100
127 93.8 38.6 116.0



#61
1,2-Dibromoethane
Concen: 0.392 ug/l
RT: 8.919 min Scan# 2357
Delta R.T. -0.003 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

Tgt Ion:107 Resp: 1078
Ion Ratio Lower Upper
107 100
109 88.9 75.1 112.7

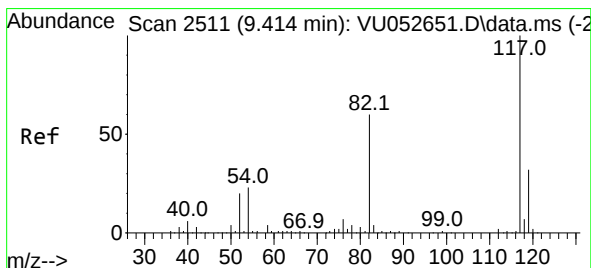
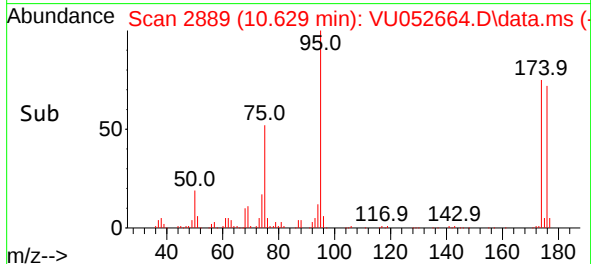
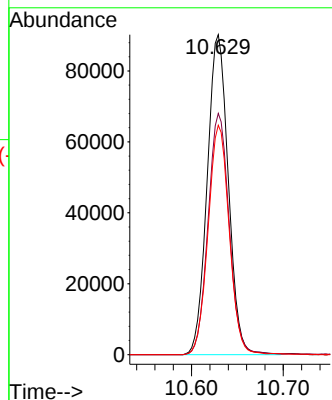
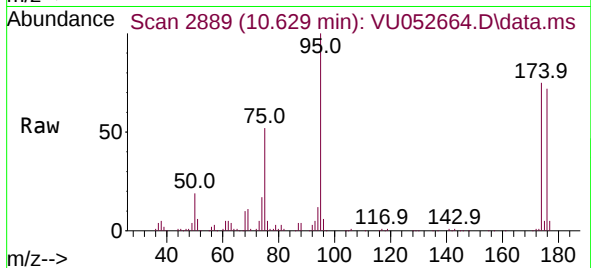




#62
4-Bromofluorobenzene
Concen: 43.143 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.000 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

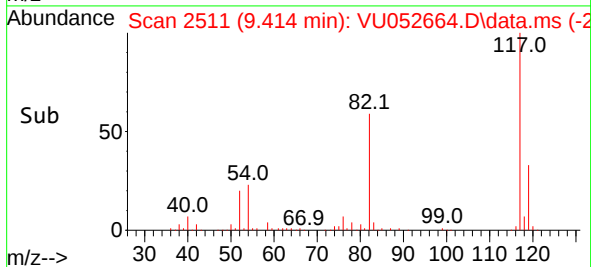
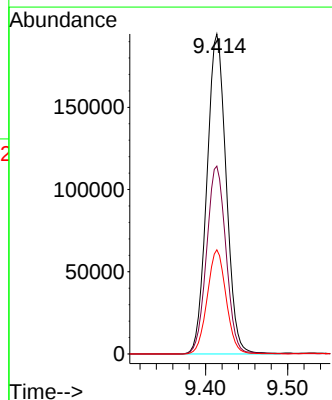
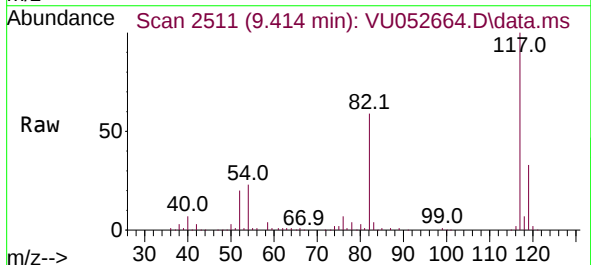
Instrument :
MSVOA_U
ClientSampleId :
MDL03

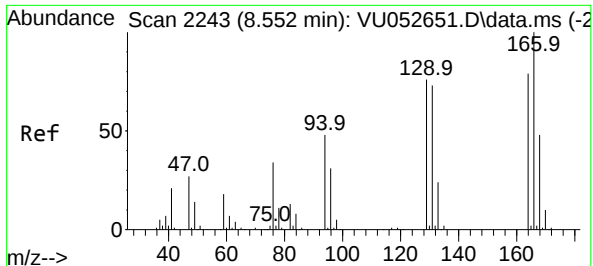
Tgt Ion: 95 Resp: 144170
Ion Ratio Lower Upper
95 100
174 75.6 0.0 182.0
176 71.6 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

Tgt Ion: 117 Resp: 317318
Ion Ratio Lower Upper
117 100
82 58.7 41.7 62.5
119 32.6 25.7 38.5

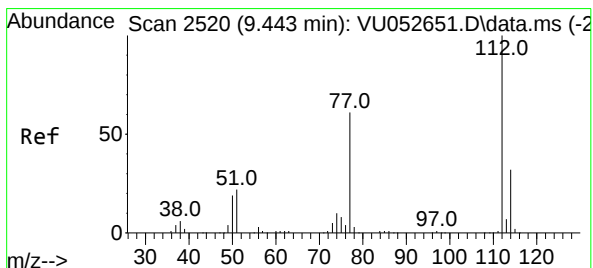
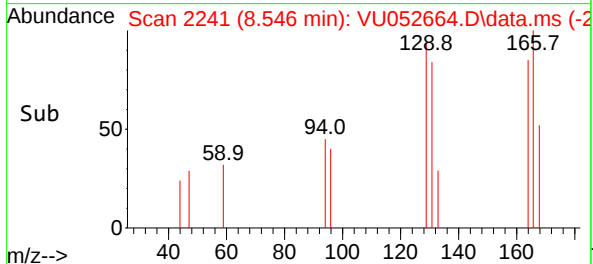
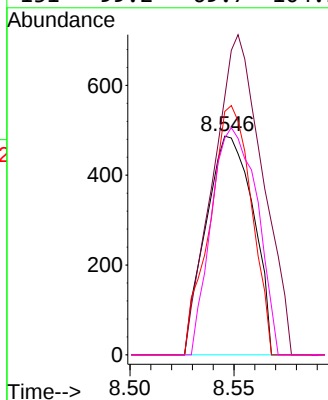
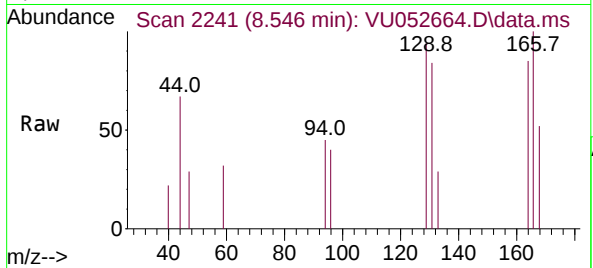




#64
Tetrachloroethene
Concen: 0.374 ug/l
RT: 8.546 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

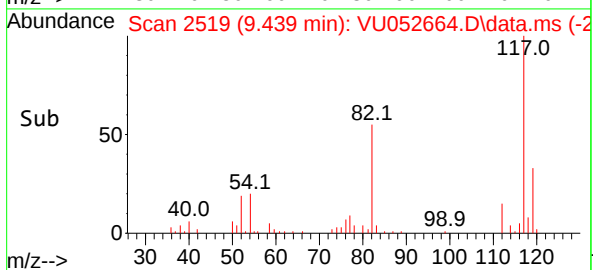
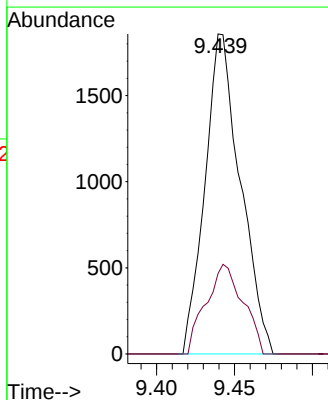
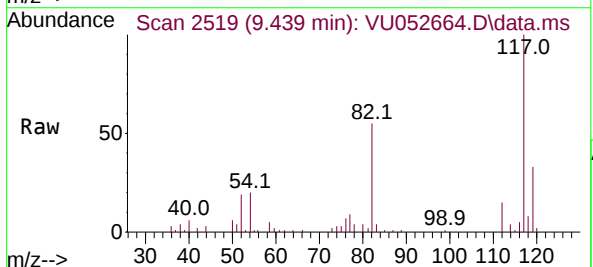
Instrument :
MSVOA_U
ClientSampleId :
MDL03

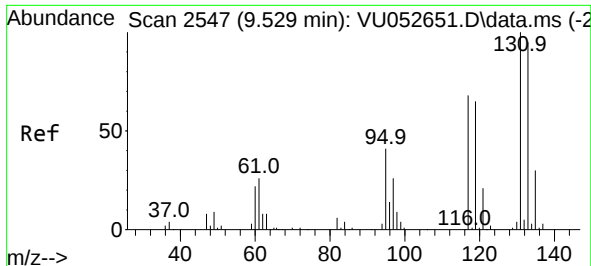
Tgt Ion:164 Resp: 770
Ion Ratio Lower Upper
164 100
166 117.9 100.0 150.0
129 111.3 72.0 108.0#
131 99.2 69.7 104.5



#65
Chlorobenzene
Concen: 0.434 ug/l
RT: 9.439 min Scan# 2519
Delta R.T. -0.004 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

Tgt Ion:112 Resp: 2932
Ion Ratio Lower Upper
112 100
114 25.1 24.9 37.3

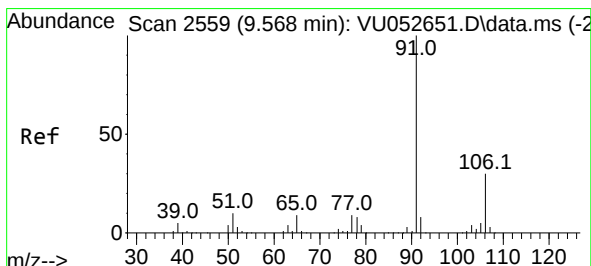
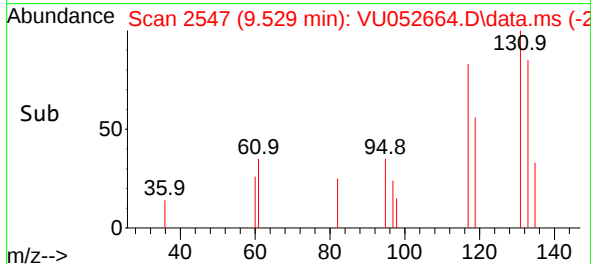
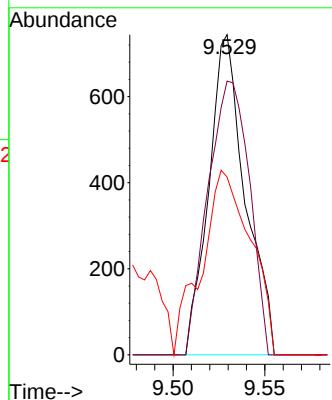
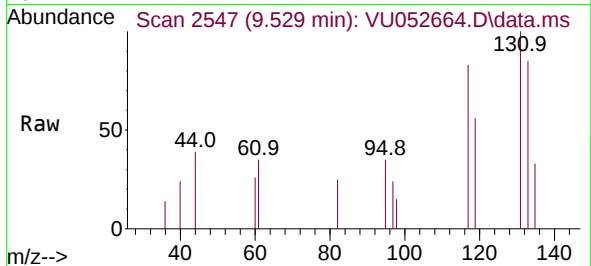




#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.420 ug/l
 RT: 9.529 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU052664.D
 Acq: 12 Jan 2023 14:26

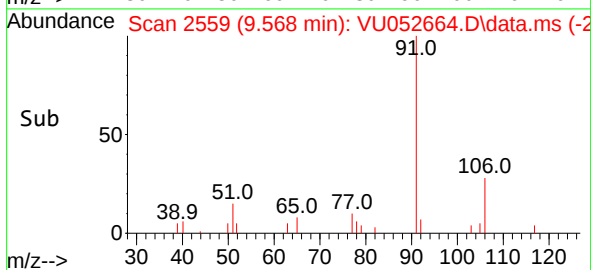
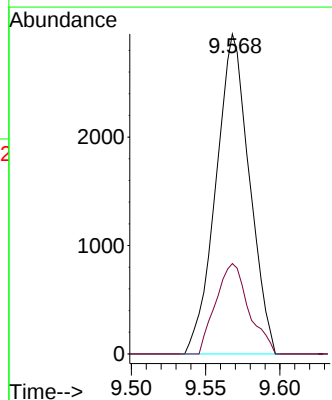
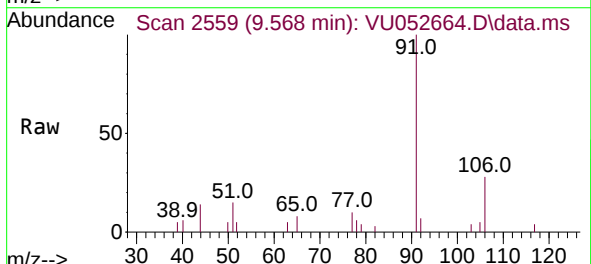
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

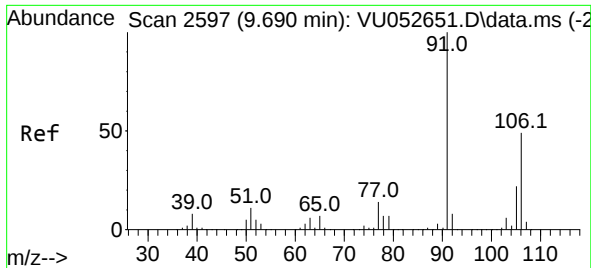
Tgt Ion:131 Resp: 1027
 Ion Ratio Lower Upper
 131 100
 133 97.3 48.4 145.0
 119 0.0 33.9 101.6#



#67
 Ethyl Benzene
 Concen: 0.394 ug/l
 RT: 9.568 min Scan# 2559
 Delta R.T. 0.000 min
 Lab File: VU052664.D
 Acq: 12 Jan 2023 14:26

Tgt Ion: 91 Resp: 4622
 Ion Ratio Lower Upper
 91 100
 106 28.3 25.6 38.4

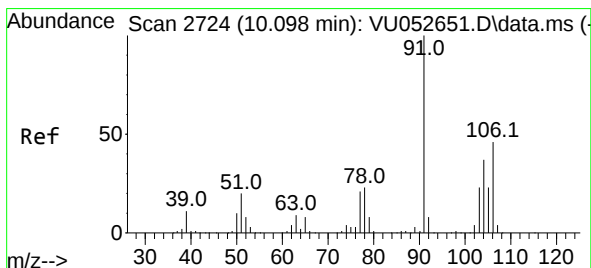
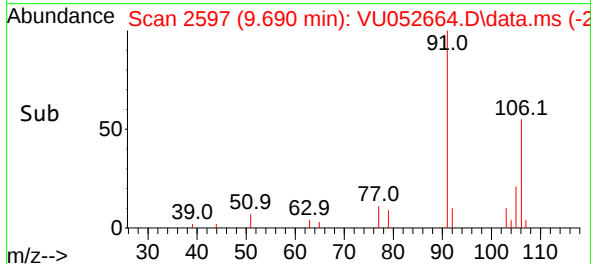
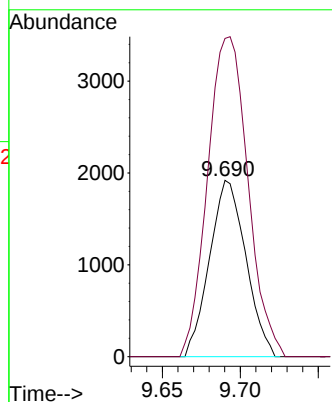
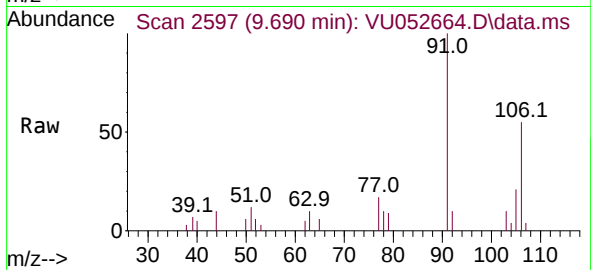




#68
m/p-Xylenes
Concen: 0.703 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

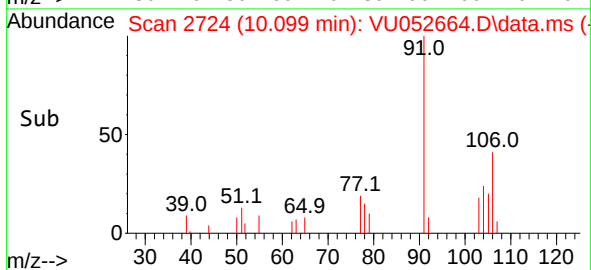
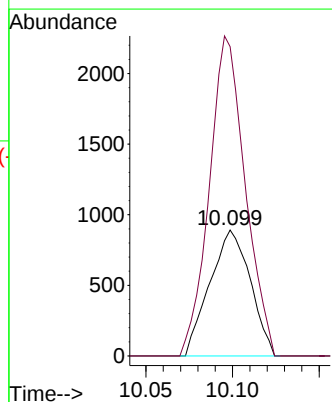
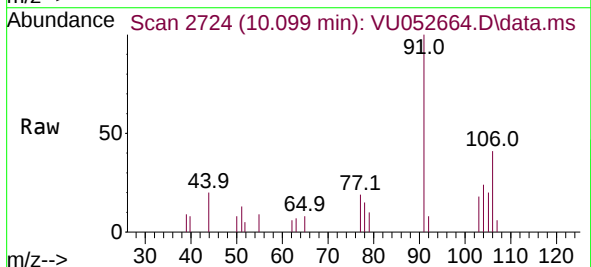
Instrument :
MSVOA_U
ClientSampleId :
MDL03

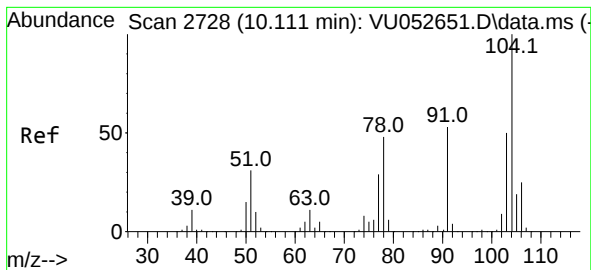
Tgt Ion:106 Resp: 3105
Ion Ratio Lower Upper
106 100
91 201.4 157.2 235.8



#69
o-Xylene
Concen: 0.345 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. 0.001 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

Tgt Ion:106 Resp: 1450
Ion Ratio Lower Upper
106 100
91 225.2 103.5 310.5





#70

Styrene

Concen: 0.363 ug/l

RT: 10.111 min Scan# 2728

Delta R.T. 0.000 min

Lab File: VU052664.D

Acq: 12 Jan 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

MDL03

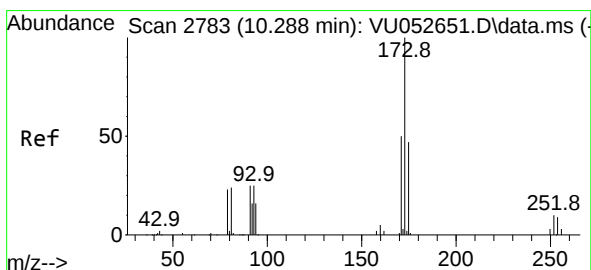
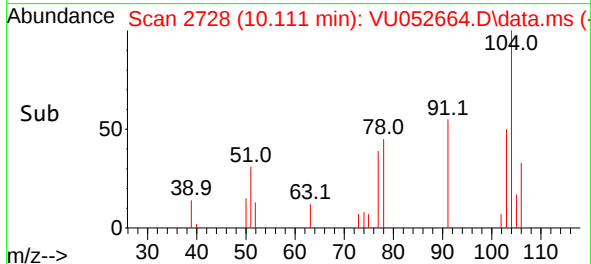
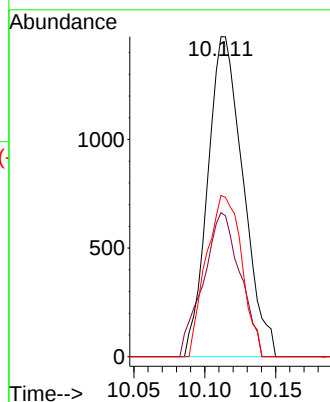
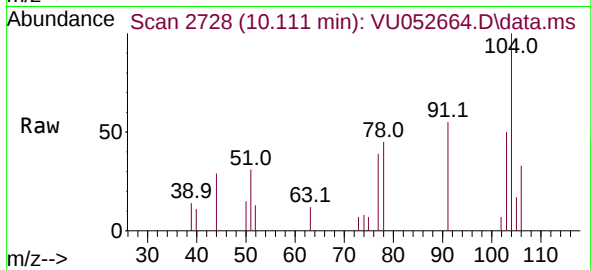
Tgt Ion:104 Resp: 2560

Ion Ratio Lower Upper

104 100

78 47.0 38.0 57.0

103 50.5 43.9 65.9



#71

Bromoform

Concen: 0.484 ug/l

RT: 10.288 min Scan# 2783

Delta R.T. 0.000 min

Lab File: VU052664.D

Acq: 12 Jan 2023 14:26

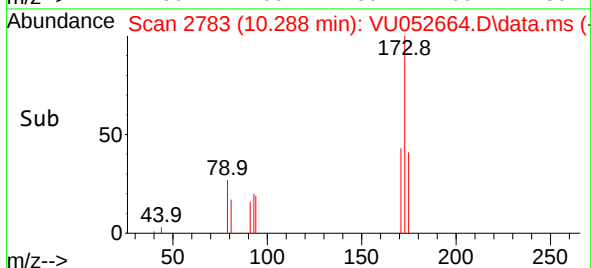
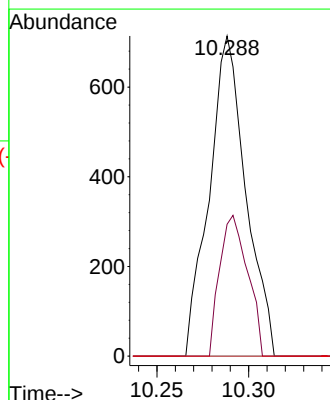
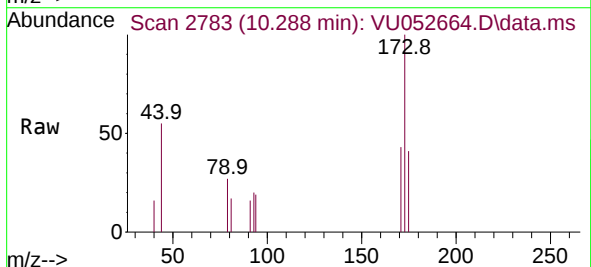
Tgt Ion:173 Resp: 991

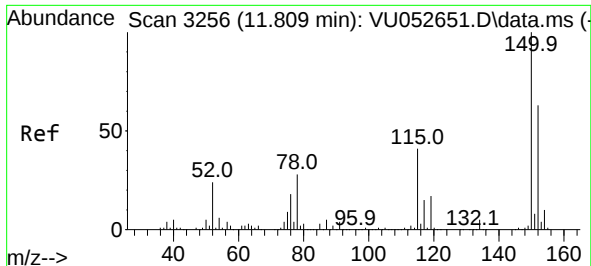
Ion Ratio Lower Upper

173 100

175 33.5 24.1 72.2

254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.809 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU052664.D

Acq: 12 Jan 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

MDL03

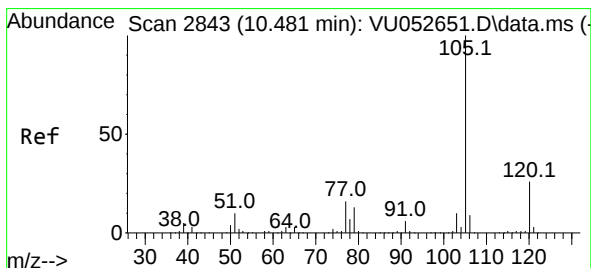
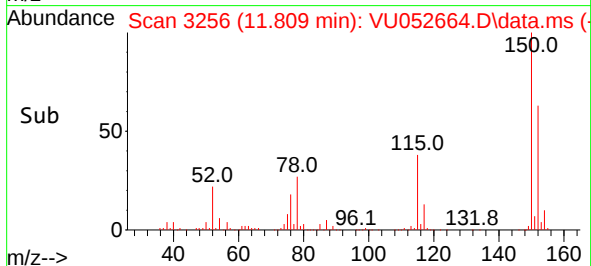
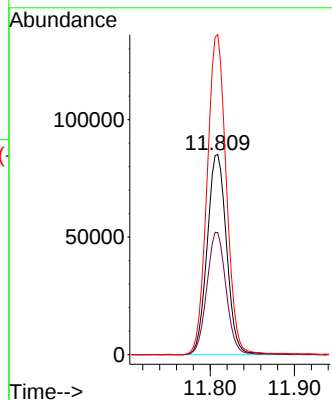
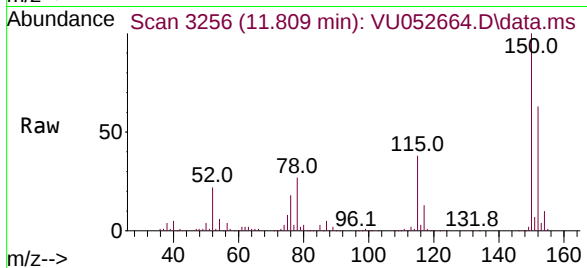
Tgt Ion:152 Resp: 136404

Ion Ratio Lower Upper

152 100

115 60.9 37.0 110.9

150 158.2 0.0 342.2



#73

Isopropylbenzene

Concen: 0.361 ug/l

RT: 10.484 min Scan# 2844

Delta R.T. 0.003 min

Lab File: VU052664.D

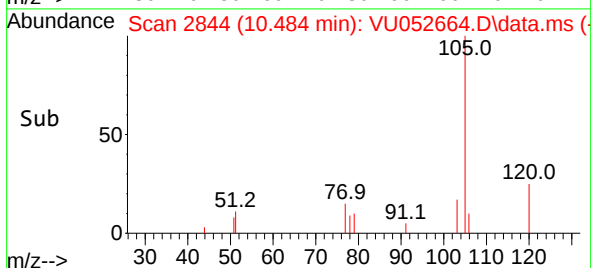
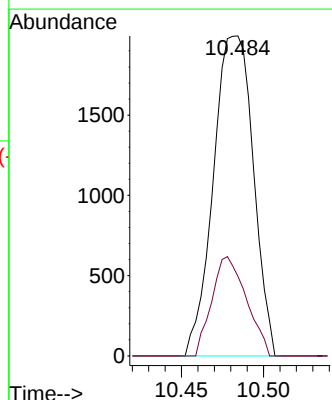
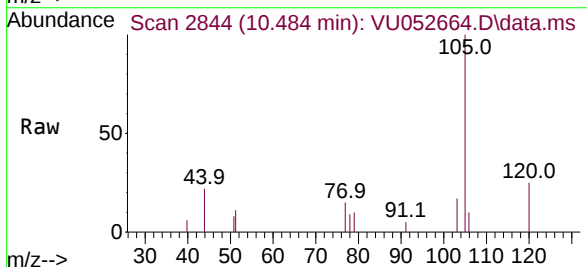
Acq: 12 Jan 2023 14:26

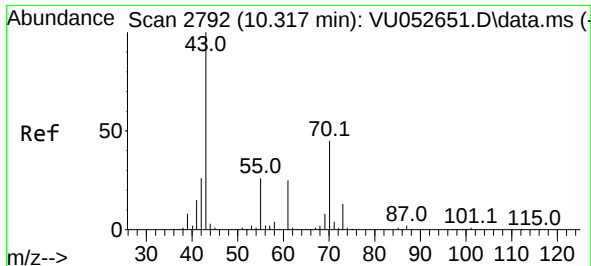
Tgt Ion:105 Resp: 3369

Ion Ratio Lower Upper

105 100

120 26.9 13.8 41.4

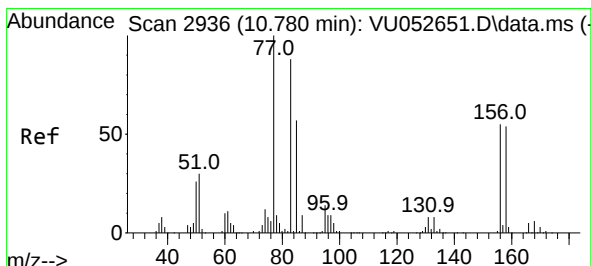
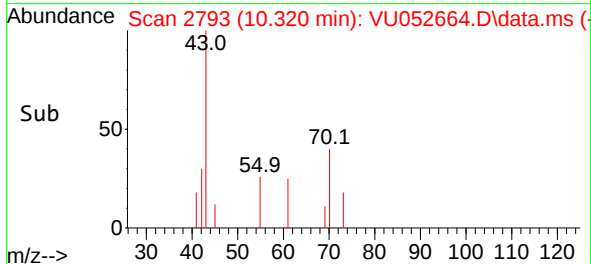
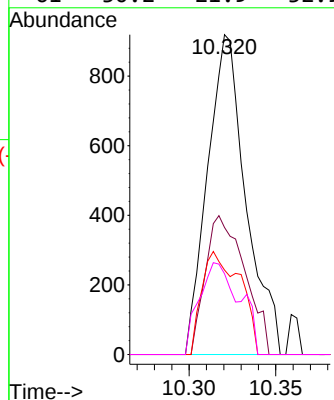
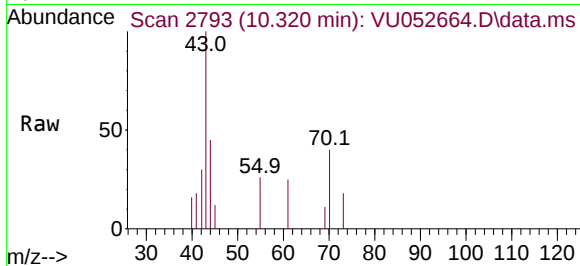




#74
N-amy1 acetate
Concen: 0.331 ug/l
RT: 10.320 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

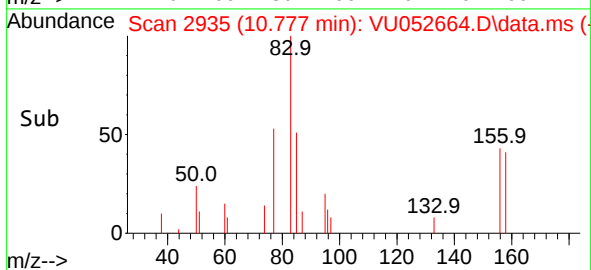
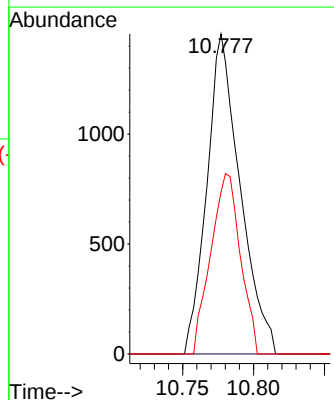
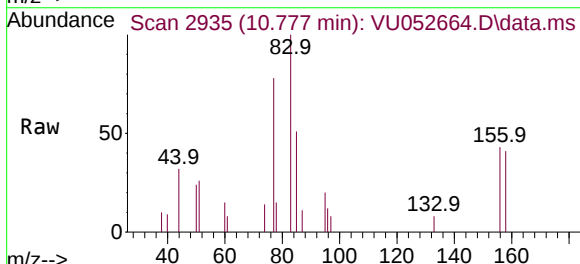
Instrument :
MSVOA_U
ClientSampleId :
MDL03

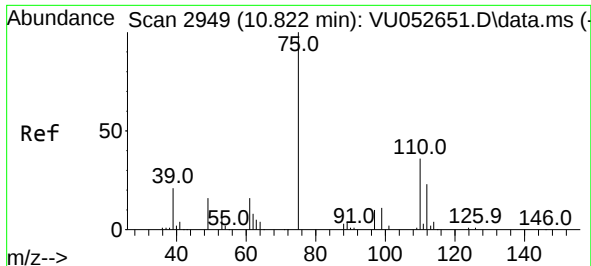
Tgt Ion:	43	Resp:	1414
Ion	Ratio	Lower	Upper
43	100		
70	44.7	38.7	58.1
55	32.1	21.8	32.8
61	30.2	21.9	32.9



#75
1,1,2,2-Tetrachloroethane
Concen: 0.602 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.003 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

Tgt Ion:	83	Resp:	2372
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.4#
85	50.1	32.2	96.6

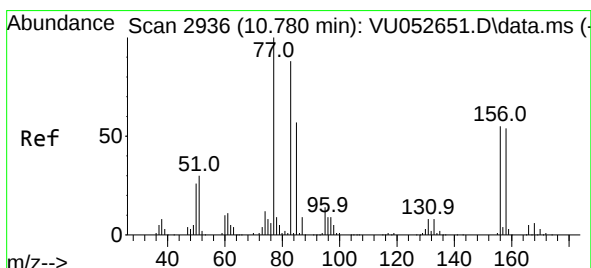
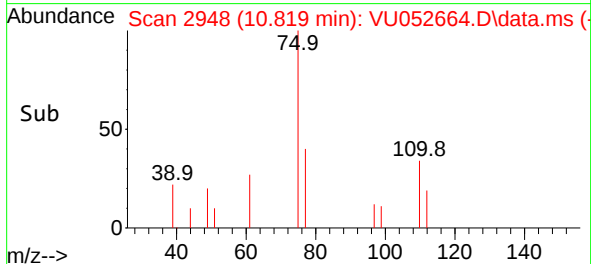
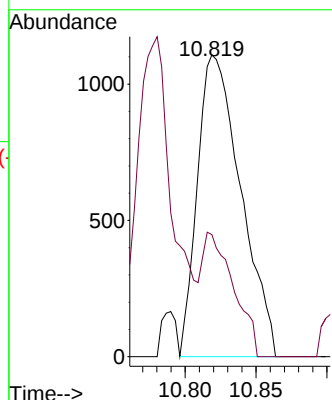
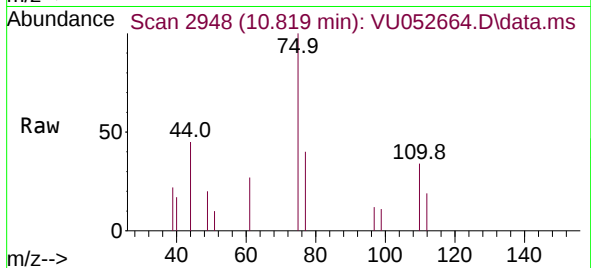




#76
1,2,3-Trichloropropane
Concen: 0.544 ug/l
RT: 10.819 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

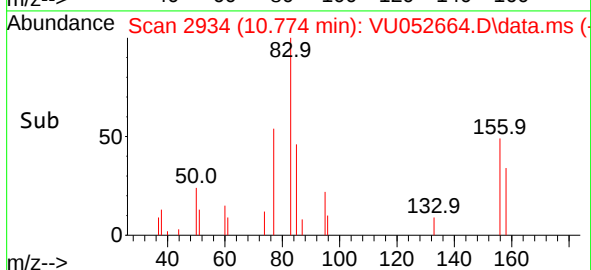
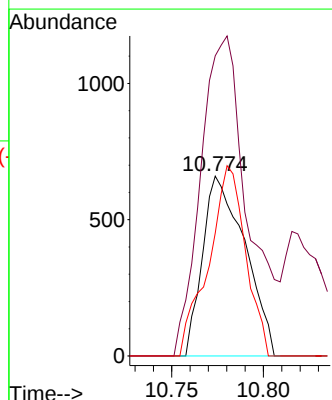
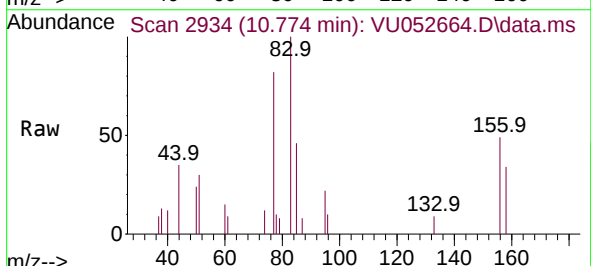
Instrument :
MSVOA_U
ClientSampleId :
MDL03

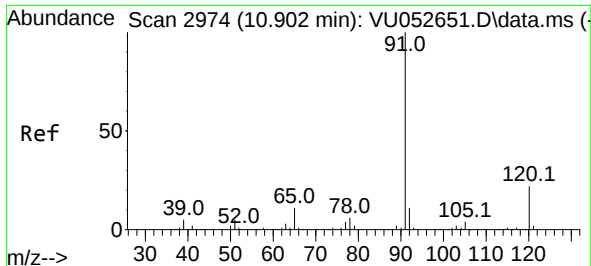
Tgt Ion: 75 Resp: 2351
Ion Ratio Lower Upper
75 100
77 29.4 15.8 47.3



#77
Bromobenzene
Concen: 0.456 ug/l
RT: 10.774 min Scan# 2934
Delta R.T. -0.006 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

Tgt Ion: 156 Resp: 1060
Ion Ratio Lower Upper
156 100
77 198.6 71.9 215.6
158 92.0 48.9 146.8

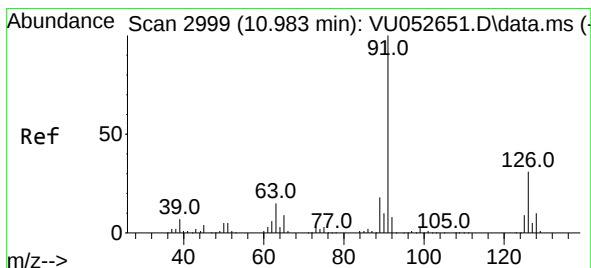
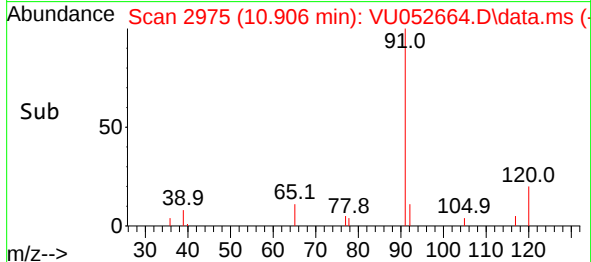
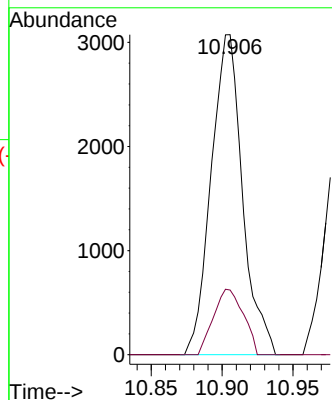
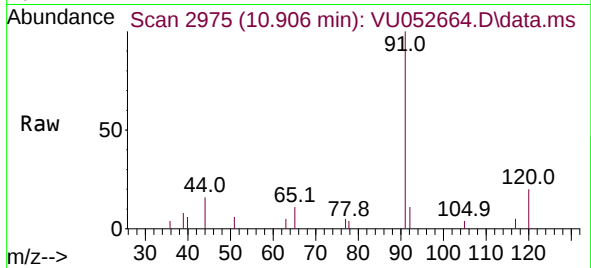




#78
n-propylbenzene
Concen: 0.416 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.004 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

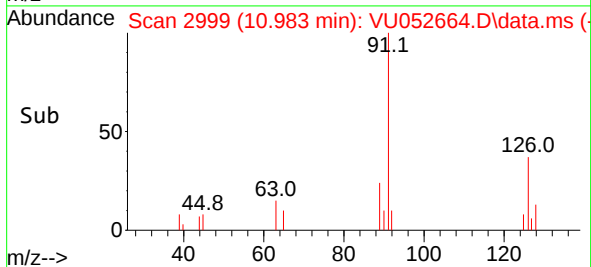
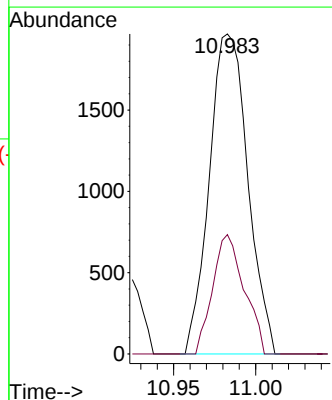
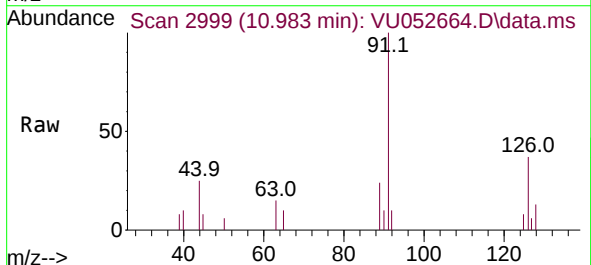
Instrument :
MSVOA_U
ClientSampleId :
MDL03

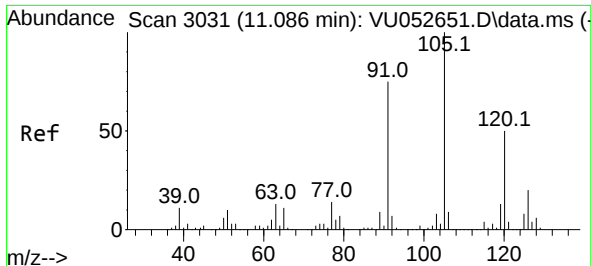
Tgt Ion: 91 Resp: 4727
Ion Ratio Lower Upper
91 100
120 19.5 11.9 35.5



#79
2-Chlorotoluene
Concen: 0.462 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.000 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

Tgt Ion: 91 Resp: 3207
Ion Ratio Lower Upper
91 100
126 30.6 18.4 55.0

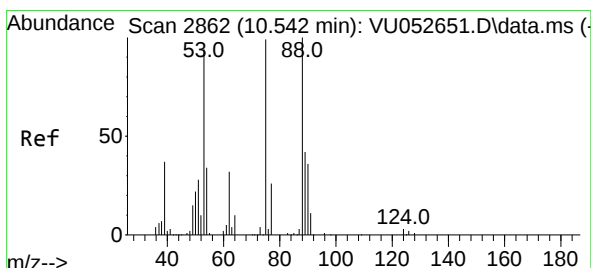
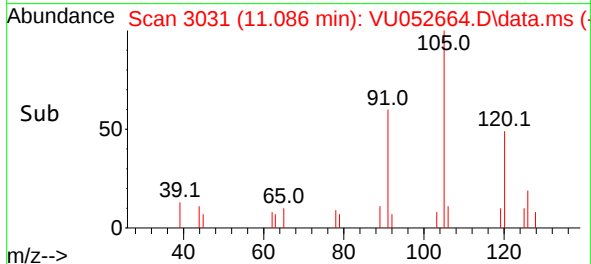
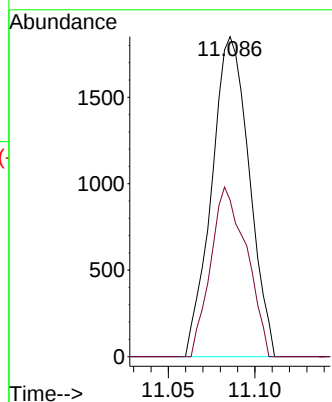
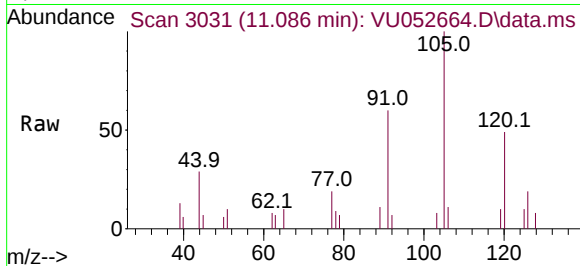




#80
1,3,5-Trimethylbenzene
Concen: 0.355 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

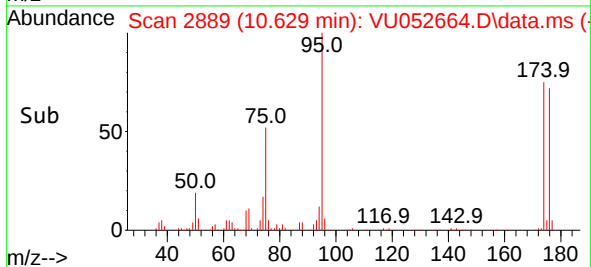
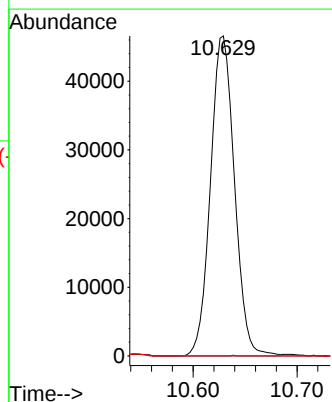
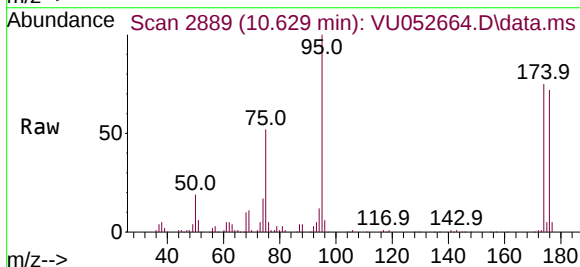
Instrument :
MSVOA_U
ClientSampleId :
MDL03

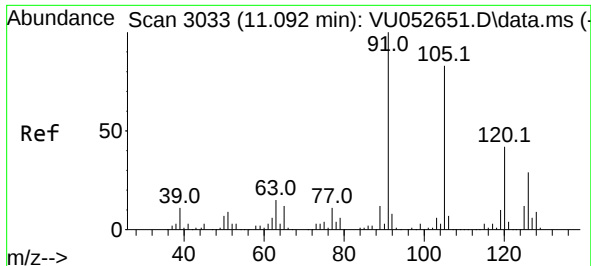
Tgt Ion:105 Resp: 2793
Ion Ratio Lower Upper
105 100
120 50.6 25.3 75.9



#81
trans-1,4-Dichloro-2-butene
Concen: 66.069 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.087 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

Tgt Ion: 75 Resp: 74761
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#

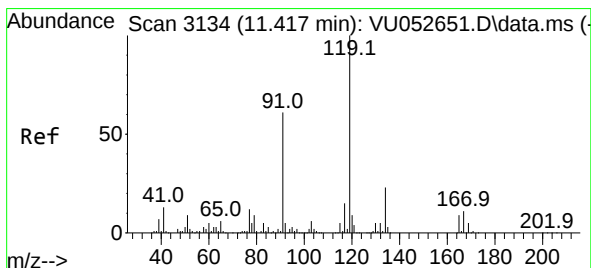
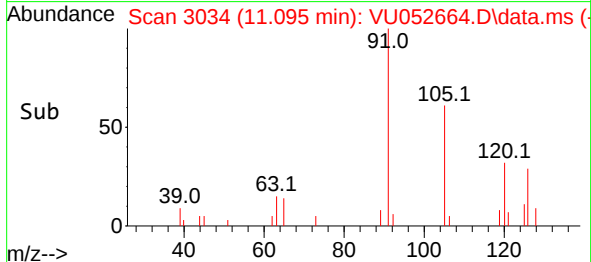
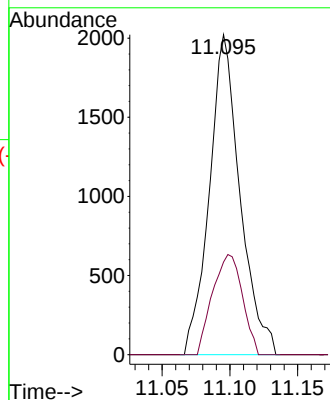
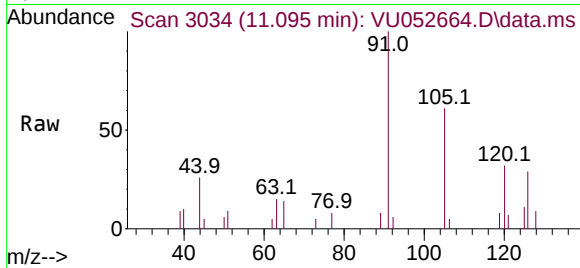




#82
4-Chlorotoluene
Concen: 0.401 ug/l
RT: 11.095 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

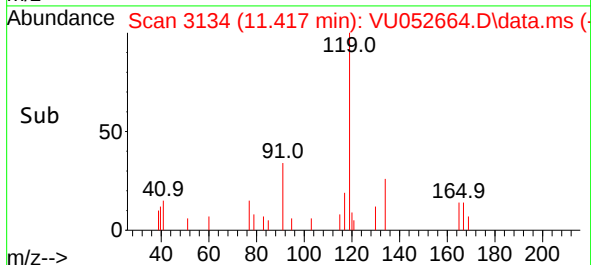
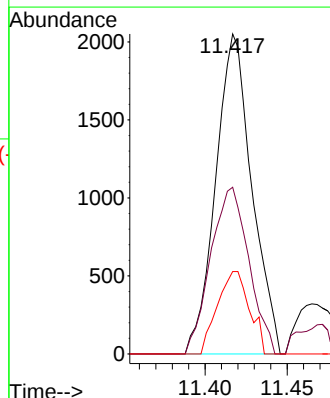
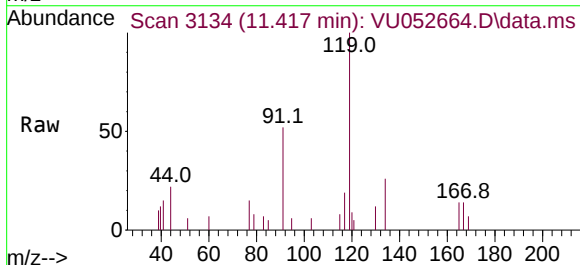
Instrument :
MSVOA_U
ClientSampleId :
MDL03

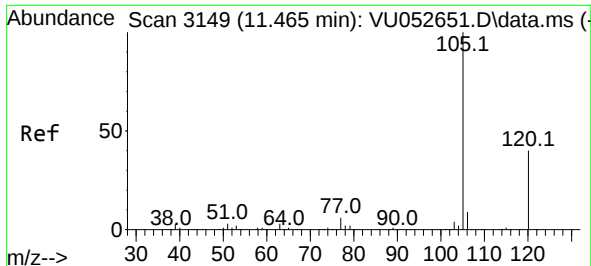
Tgt Ion: 91 Resp: 3177
Ion Ratio Lower Upper
91 100
126 30.4 16.1 48.2



#83
tert-Butylbenzene
Concen: 0.401 ug/l
RT: 11.417 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

Tgt Ion: 119 Resp: 3140
Ion Ratio Lower Upper
119 100
91 54.9 26.8 80.3
134 22.8 11.5 34.5

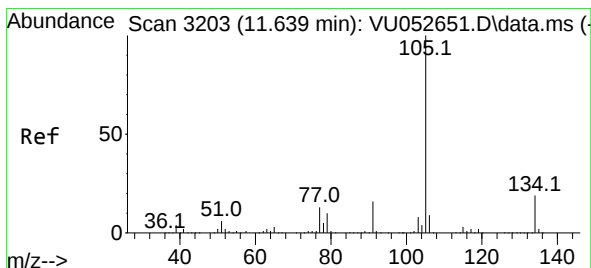
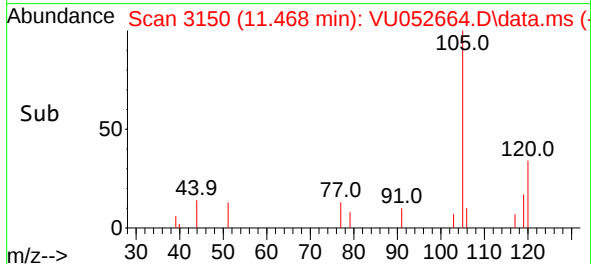
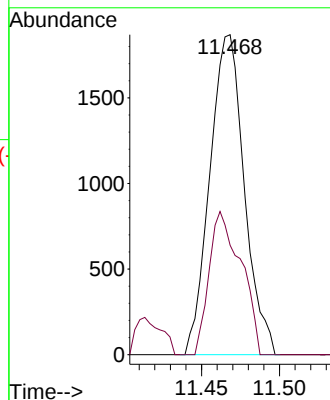
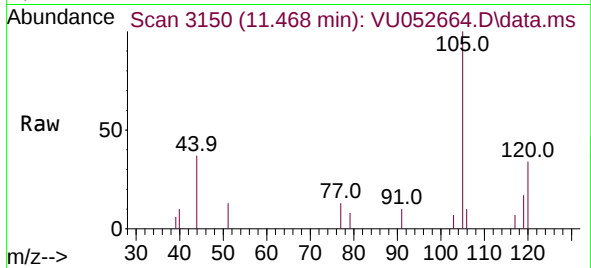




#84
1,2,4-Trimethylbenzene
Concen: 0.371 ug/l
RT: 11.468 min Scan# 3149
Delta R.T. 0.003 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

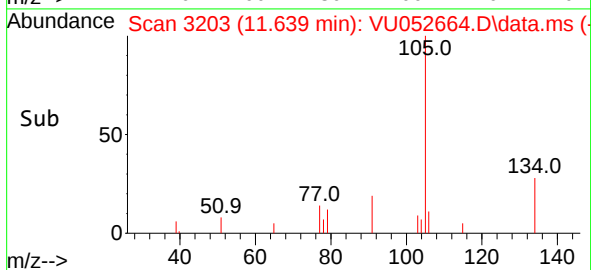
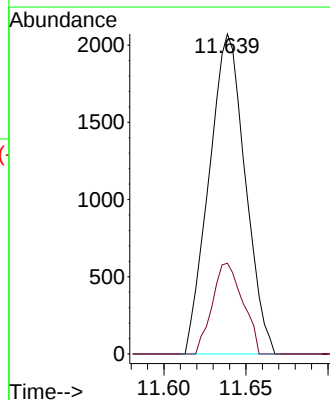
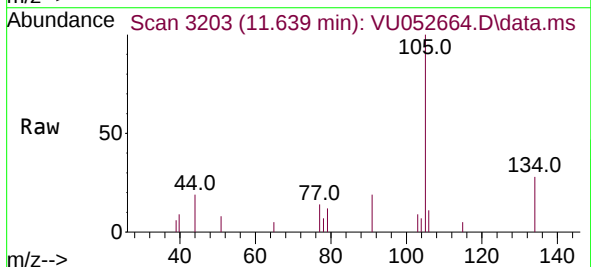
Instrument :
MSVOA_U
ClientSampleId :
MDL03

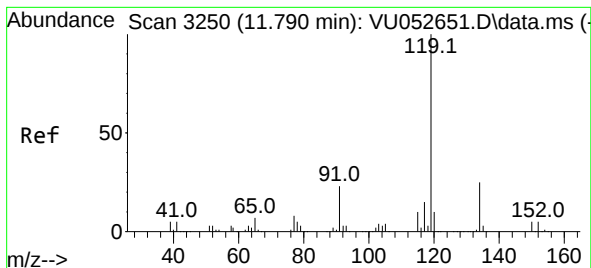
Tgt Ion:105 Resp: 2874
Ion Ratio Lower Upper
105 100
120 41.4 23.4 70.3



#85
sec-Butylbenzene
Concen: 0.321 ug/l
RT: 11.639 min Scan# 3203
Delta R.T. -0.000 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

Tgt Ion:105 Resp: 3171
Ion Ratio Lower Upper
105 100
134 23.9 10.4 31.1





#86

p-Isopropyltoluene

Concen: 0.313 ug/l

RT: 11.787 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU052664.D

Acq: 12 Jan 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

MDL03

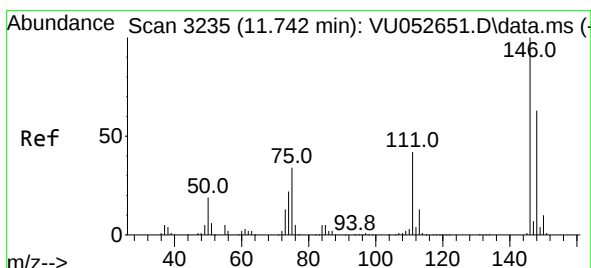
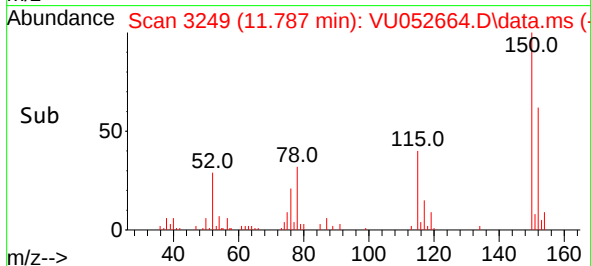
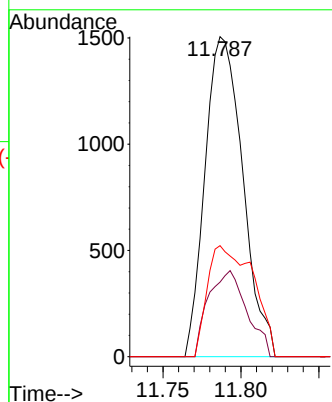
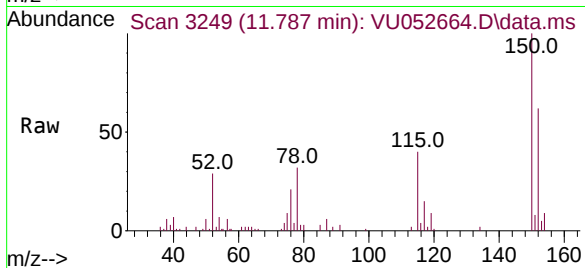
Tgt Ion:119 Resp: 2536

Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.4

91 42.2 11.2 33.5#



#87

1,3-Dichlorobenzene

Concen: 0.423 ug/l

RT: 11.745 min Scan# 3236

Delta R.T. 0.003 min

Lab File: VU052664.D

Acq: 12 Jan 2023 14:26

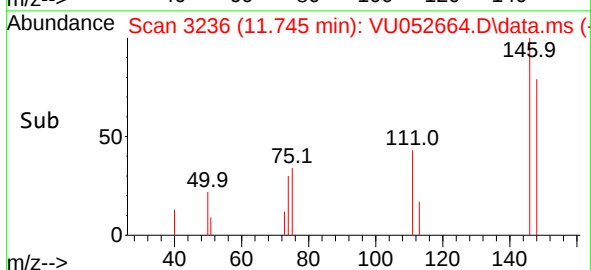
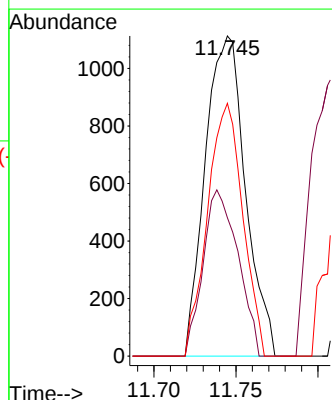
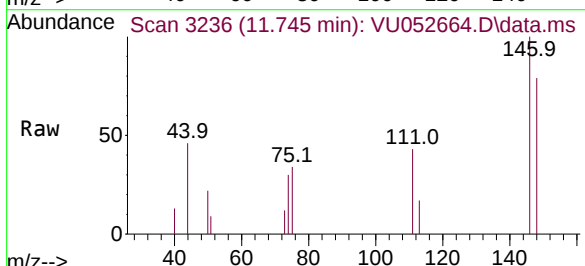
Tgt Ion:146 Resp: 1893

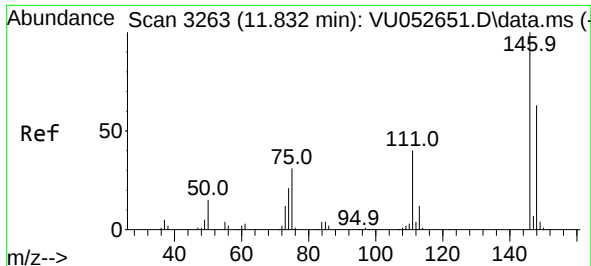
Ion Ratio Lower Upper

146 100

111 45.1 18.9 56.5

148 69.4 31.9 95.9

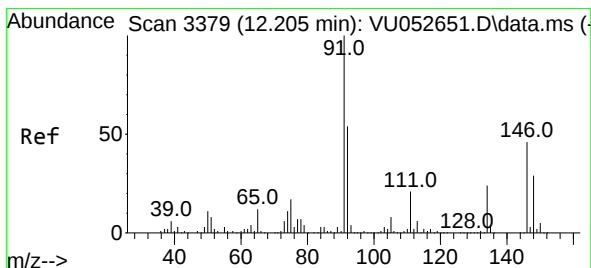
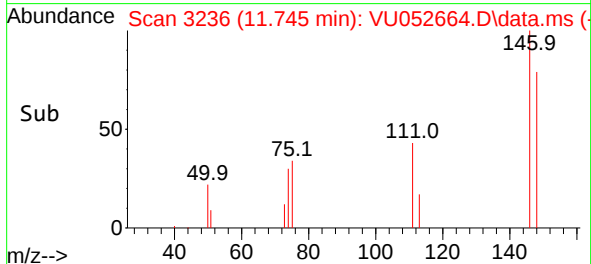
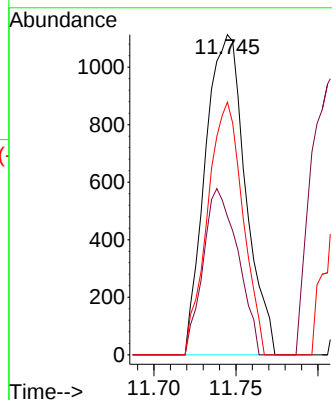
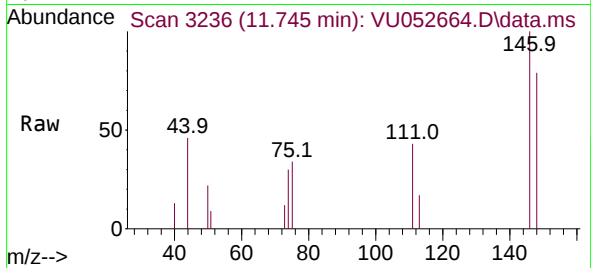




#88
1,4-Dichlorobenzene
Concen: 0.412 ug/l
RT: 11.745 min Scan# 31
Delta R.T. -0.087 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

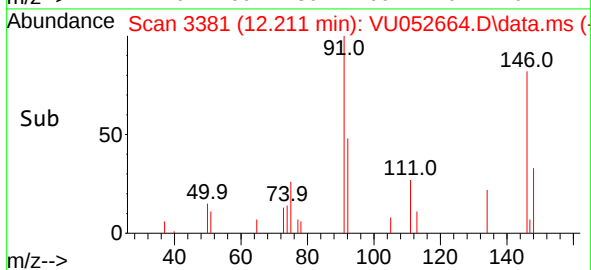
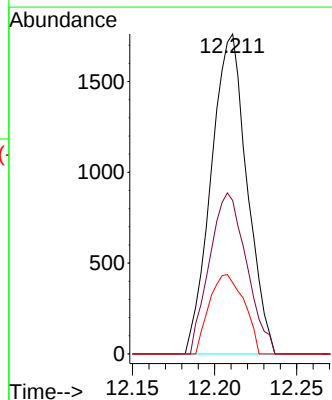
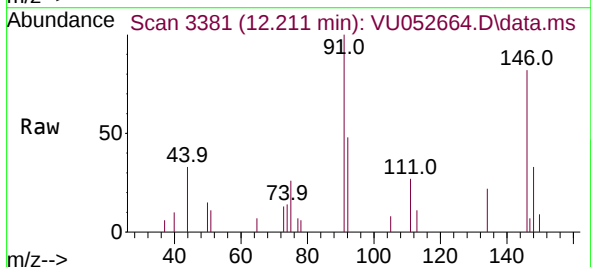
Instrument :
MSVOA_U
ClientSampleId :
MDL03

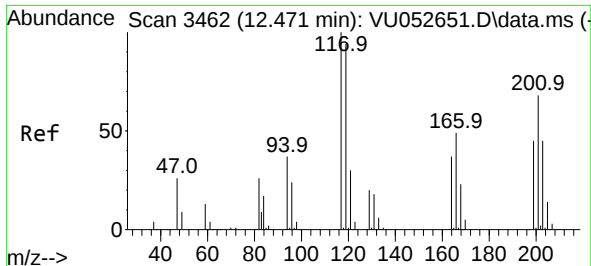
Tgt Ion:146 Resp: 1893
Ion Ratio Lower Upper
146 100
111 45.1 18.5 55.5
148 69.4 31.9 95.7



#89
n-Butylbenzene
Concen: 0.363 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.006 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

Tgt Ion: 91 Resp: 2671
Ion Ratio Lower Upper
91 100
92 52.1 26.2 78.6
134 24.1 13.5 40.4

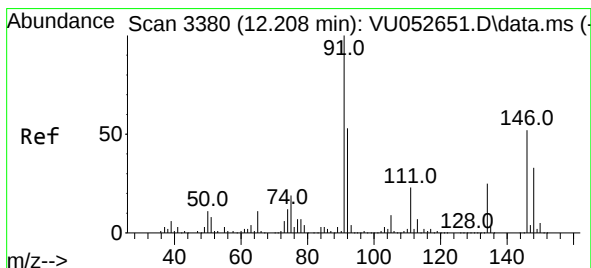
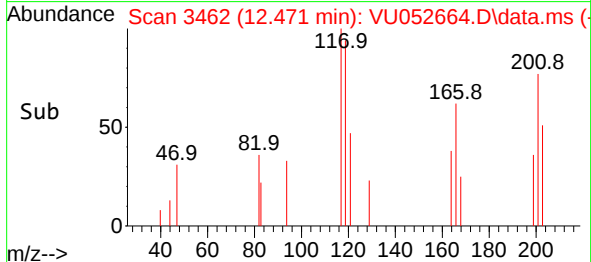
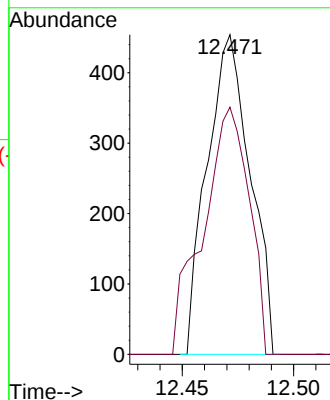
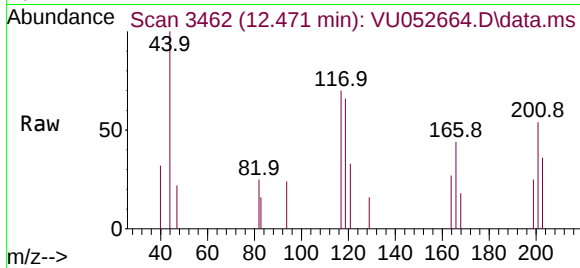




#90
Hexachloroethane
Concen: 0.386 ug/l
RT: 12.471 min Scan# 3462
Delta R.T. 0.000 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

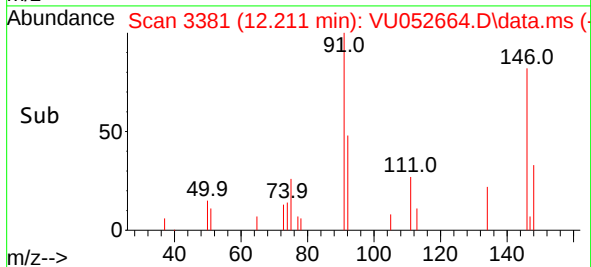
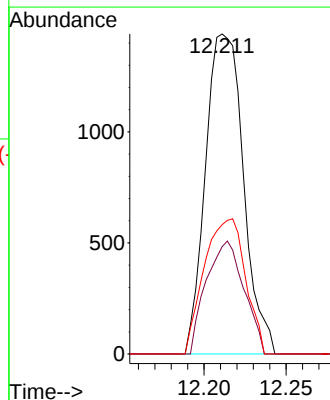
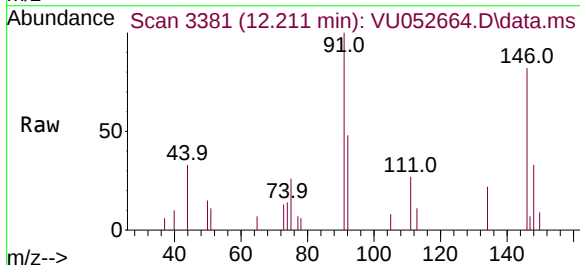
Instrument :
MSVOA_U
ClientSampleId :
MDL03

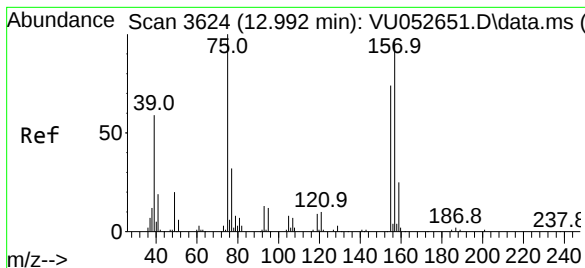
Tgt Ion:117 Resp: 612
Ion Ratio Lower Upper
117 100
201 82.5 44.6 134.0



#91
1,2-Dichlorobenzene
Concen: 0.520 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

Tgt Ion:146 Resp: 2315
Ion Ratio Lower Upper
146 100
111 35.1 19.9 59.6
148 45.8 32.1 96.5

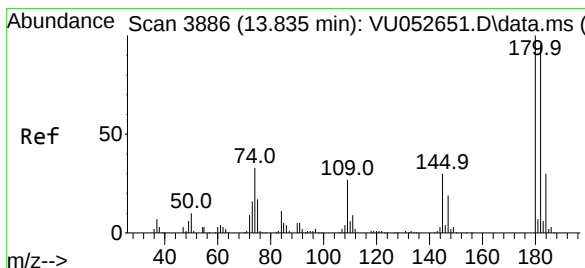
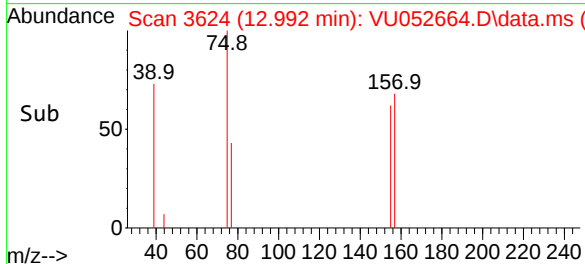
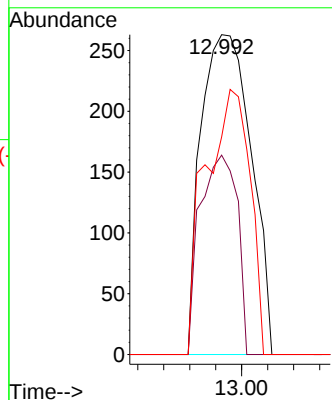
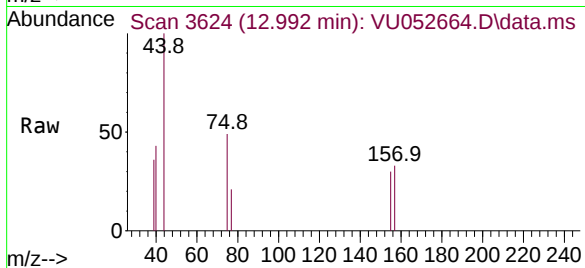




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.419 ug/l
 RT: 12.992 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VU052664.D
 Acq: 12 Jan 2023 14:26

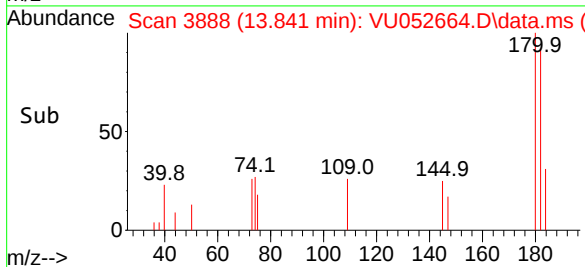
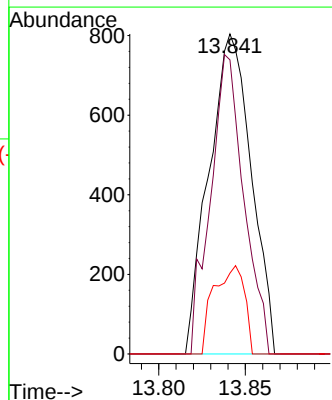
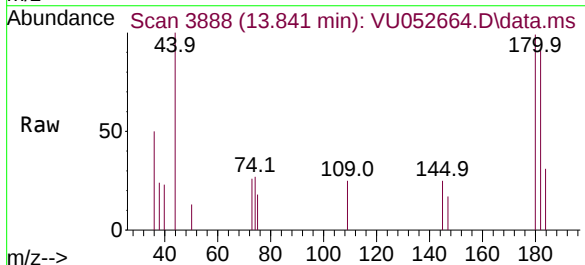
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

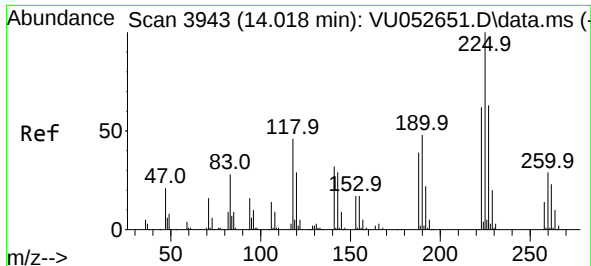
Tgt Ion: 75 Resp: 353
 Ion Ratio Lower Upper
 75 100
 155 46.2 47.8 143.4#
 157 73.7 62.2 186.5



#93
 1,2,4-Trichlorobenzene
 Concen: 0.522 ug/l
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.006 min
 Lab File: VU052664.D
 Acq: 12 Jan 2023 14:26

Tgt Ion: 180 Resp: 1365
 Ion Ratio Lower Upper
 180 100
 182 74.0 47.9 143.6
 145 19.9 14.0 41.9

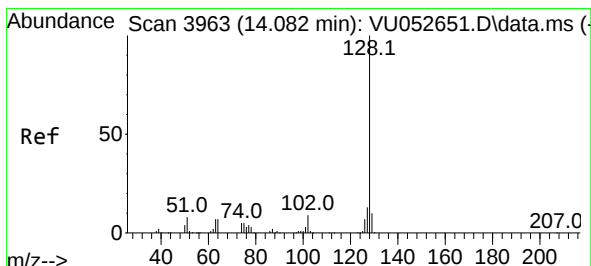
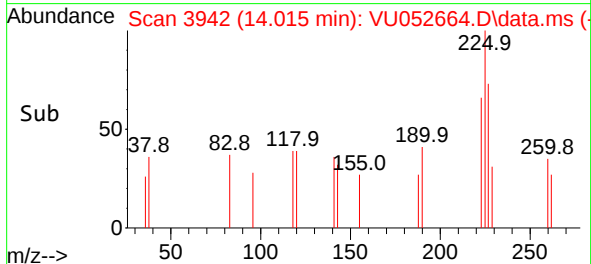
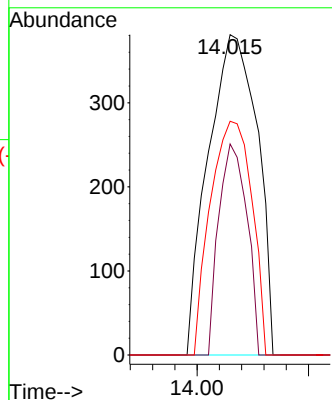
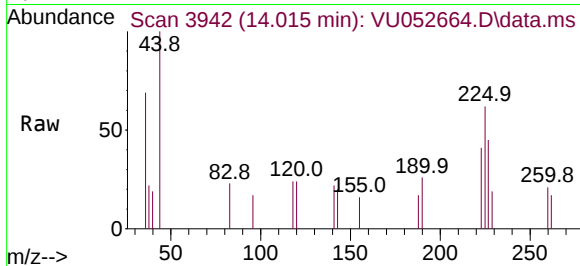




#94
Hexachlorobutadiene
Concen: 0.423 ug/l
RT: 14.015 min Scan# 3942
Delta R.T. -0.003 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

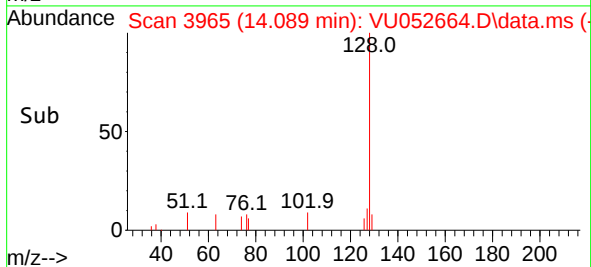
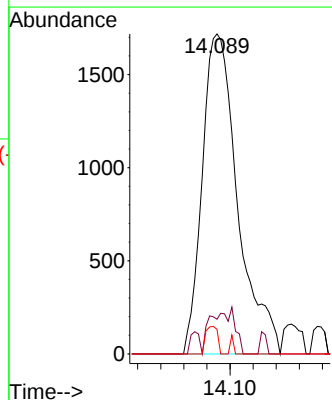
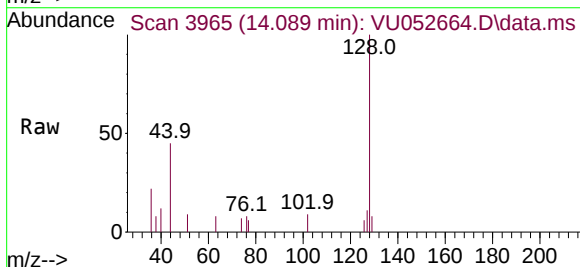
Instrument :
MSVOA_U
ClientSampleId :
MDL03

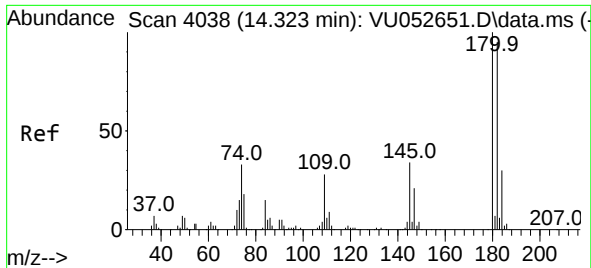
Tgt Ion:	225	Resp:	583
Ion	Ratio	Lower	Upper
225	100		
223	37.7	31.3	93.9
227	61.6	32.0	96.2



#95
Naphthalene
Concen: 0.469 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.007 min
Lab File: VU052664.D
Acq: 12 Jan 2023 14:26

Tgt Ion:	128	Resp:	3670
Ion	Ratio	Lower	Upper
128	100		
127	1.7	10.3	15.5#
129	2.9	8.6	13.0#





#96

1,2,3-Trichlorobenzene

Concen: 0.462 ug/l

RT: 14.327 min Scan# 40

Delta R.T. 0.004 min

Lab File: VU052664.D

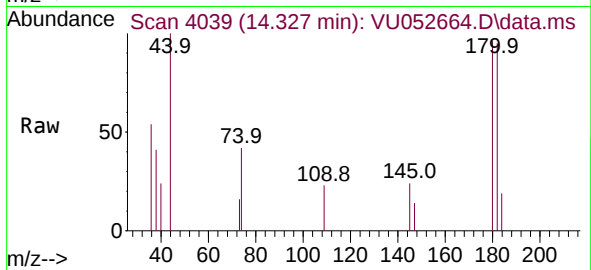
Acq: 12 Jan 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

MDL03



Tgt Ion:180 Resp: 1206

Ion Ratio Lower Upper

180 100

182 93.0 48.4 145.0

145 16.8 14.8 44.4

