

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011223\
 Data File : VU052663.D
 Acq On : 12 Jan 2023 14:03
 Operator : JC/MD
 Sample : MDL02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02

Quant Time: Jan 13 02:02:30 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	203231	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	366474	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	333272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	142720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	178159	54.870	ug/l	0.00
Spiked Amount 50.000	Range 78	- 117	Recovery	=	109.740%	
35) Dibromofluoromethane	5.285	113	129546	51.321	ug/l	0.00
Spiked Amount 50.000	Range 75	- 124	Recovery	=	102.640%	
50) Toluene-d8	7.893	98	466284	48.115	ug/l	0.00
Spiked Amount 50.000	Range 92	- 112	Recovery	=	96.240%	
62) 4-Bromofluorobenzene	10.629	95	153589	43.731	ug/l	0.00
Spiked Amount 50.000	Range 83	- 123	Recovery	=	87.460%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	1045	0.408	ug/l	84
3) Chloromethane	1.520	50	3357	0.900	ug/l	99
4) Vinyl Chloride	1.604	62	1237	0.385	ug/l	# 80
5) Bromomethane	1.861	94	1205	0.645	ug/l	93
6) Chloroethane	1.935	64	771	0.400	ug/l	# 86
7) Trichlorofluoromethane	2.137	101	1603	0.398	ug/l	92
8) Diethyl Ether	2.375	74	778	0.470	ug/l	# 51
9) 1,1,2-Trichlorotrifluo...	2.581	101	1025	0.425	ug/l	91
10) Methyl Iodide	2.723	142	1762	0.706	ug/l	# 81
11) Tert butyl alcohol	3.311	59	73	0.115	ug/l	# 37
12) 1,1-Dichloroethene	2.578	96	1029	0.433	ug/l	86
13) Acrolein	2.491	56	1793	2.331	ug/l	94
14) Allyl chloride	2.919	41	1942	0.415	ug/l	# 81
15) Acrylonitrile	3.330	53	3304	1.928	ug/l	95
16) Acetone	2.645	43	4902	2.944	ug/l	# 88
17) Carbon Disulfide	2.793	76	3766	0.501	ug/l	98
18) Methyl Acetate	2.957	43	2223	0.458	ug/l	# 66
19) Methyl tert-butyl Ether	3.359	73	3442	0.419	ug/l	# 82
20) Methylene Chloride	3.044	84	2646	0.754	ug/l	90
21) trans-1,2-Dichloroethene	3.353	96	1190	0.463	ug/l	# 86
22) Diisopropyl ether	3.986	45	3512	0.391	ug/l	# 73
23) Vinyl Acetate	3.964	43	12584	1.797	ug/l	96
24) 1,1-Dichloroethane	3.864	63	2683	0.507	ug/l	# 82
25) 2-Butanone	4.729	43	4099	1.793	ug/l	98
26) 2,2-Dichloropropane	4.652	77	1046	0.254	ug/l	84
27) cis-1,2-Dichloroethene	4.668	96	1264	0.431	ug/l	90
28) Bromochloromethane	4.976	49	917	0.377	ug/l	# 75
29) Tetrahydrofuran	5.066	42	3200	2.308	ug/l	# 65
30) Chloroform	5.083	83	3925	0.730	ug/l	89
31) Cyclohexane	5.365	56	6378	1.273	ug/l	# 10
32) 1,1,1-Trichloroethane	5.311	97	1930	0.458	ug/l	# 43
36) 1,1-Dichloropropene	5.523	75	1475	0.371	ug/l	# 82
37) Ethyl Acetate	4.822	43	1174	0.233	ug/l	# 71
38) Carbon Tetrachloride	5.523	117	1361	0.369	ug/l	# 87
39) Methylcyclohexane	6.764	83	1851	0.405	ug/l	# 85
40) Benzene	5.774	78	5111	0.435	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.986	41	567	0.240	ug/l #	56
42) 1,2-Dichloroethane	5.793	62	2376	0.563	ug/l #	74
43) Isopropyl Acetate	5.912	43	2732	0.414	ug/l #	82
44) Trichloroethene	6.539	130	1115	0.402	ug/l	55
45) 1,2-Dichloropropane	6.790	63	1263	0.389	ug/l #	86
46) Dibromomethane	6.915	93	842	0.413	ug/l	86
47) Bromodichloromethane	7.099	83	1997	0.477	ug/l	99
48) Methyl methacrylate	6.960	41	908	0.296	ug/l	96
49) 1,4-Dioxane	7.034	88	300	5.147	ug/l #	88
51) 4-Methyl-2-Pentanone	7.790	43	7634	1.768	ug/l	94
52) Toluene	7.970	92	3279	0.475	ug/l	92
53) t-1,3-Dichloropropene	8.208	75	1673	0.379	ug/l	96
54) cis-1,3-Dichloropropene	7.603	75	1754	0.365	ug/l	95
55) 1,1,2-Trichloroethane	8.398	97	1146	0.402	ug/l	93
56) Ethyl methacrylate	8.333	69	1477	0.352	ug/l	91
57) 1,3-Dichloropropane	8.571	76	2084	0.410	ug/l	96
59) 2-Hexanone	8.684	43	6181	1.873	ug/l	86
60) Dibromochloromethane	8.809	129	1183	0.400	ug/l	98
61) 1,2-Dibromoethane	8.922	107	1267	0.439	ug/l	95
64) Tetrachloroethene	8.552	164	803	0.371	ug/l #	88
65) Chlorobenzene	9.443	112	2965	0.418	ug/l	92
66) 1,1,1,2-Tetrachloroethane	9.533	131	1041	0.406	ug/l #	64
67) Ethyl Benzene	9.568	91	4755	0.386	ug/l	91
68) m/p-Xylenes	9.690	106	3244	0.700	ug/l	94
69) o-Xylene	10.092	106	1675	0.379	ug/l	96
70) Styrene	10.111	104	2348	0.317	ug/l	90
71) Bromoform	10.282	173	735	0.341	ug/l #	84
73) Isopropylbenzene	10.478	105	3796	0.389	ug/l	98
74) N-amyl acetate	10.320	43	1770	0.396	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	10.780	83	1974	0.479	ug/l #	91
76) 1,2,3-Trichloropropane	10.629	75	78667	17.404	ug/l #	45
77) Bromobenzene	10.783	156	1225	0.504	ug/l	93
78) n-propylbenzene	10.902	91	5097	0.429	ug/l	96
79) 2-Chlorotoluene	10.986	91	3338	0.459	ug/l	85
80) 1,3,5-Trimethylbenzene	11.082	105	2877	0.350	ug/l	96
81) trans-1,4-Dichloro-2-b...	10.629	75	78667	66.445	ug/l #	15
82) 4-Chlorotoluene	11.095	91	3688	0.445	ug/l	95
83) tert-Butylbenzene	11.420	119	3589	0.438	ug/l	93
84) 1,2,4-Trimethylbenzene	11.465	105	2955	0.365	ug/l	99
85) sec-Butylbenzene	11.639	105	3520	0.341	ug/l	99
86) p-Isopropyltoluene	11.790	119	3377	0.399	ug/l	92
87) 1,3-Dichlorobenzene	11.741	146	2168	0.463	ug/l	97
88) 1,4-Dichlorobenzene	11.741	146	2168	0.451	ug/l	97
89) n-Butylbenzene	12.208	91	2997	0.389	ug/l	98
90) Hexachloroethane	12.465	117	640	0.385	ug/l	72
91) 1,2-Dichlorobenzene	12.214	146	1977	0.424	ug/l	81
92) 1,2-Dibromo-3-Chloropr...	12.999	75	315	0.358	ug/l	67
93) 1,2,4-Trichlorobenzene	13.835	180	1233	0.451	ug/l	88
94) Hexachlorobutadiene	14.015	225	661	0.459	ug/l	84
95) Naphthalene	14.092	128	4167	0.509	ug/l #	88
96) 1,2,3-Trichlorobenzene	14.333	180	1441	0.527	ug/l	85

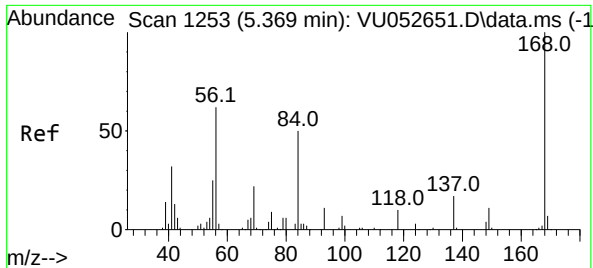
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Quant Title : SW846 8260
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Response via : Initial Calibration

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

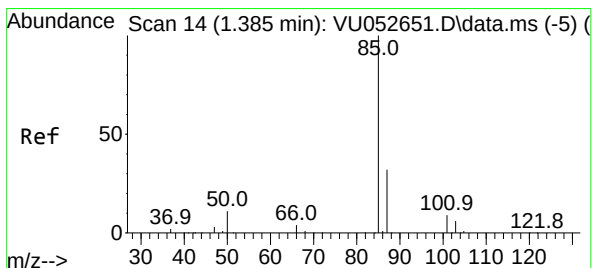
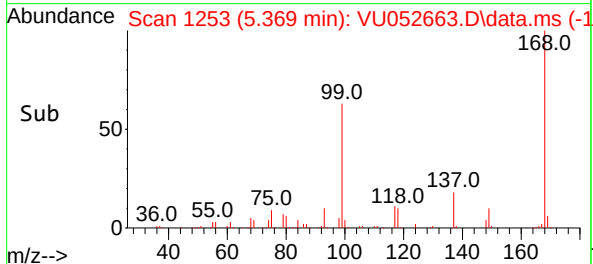
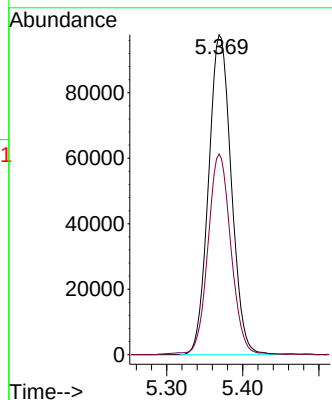
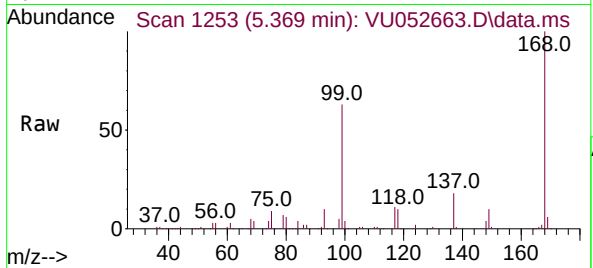
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.000 min
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Acq: 12 Jan 2023 14:03

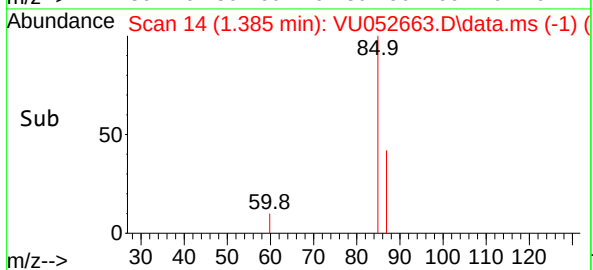
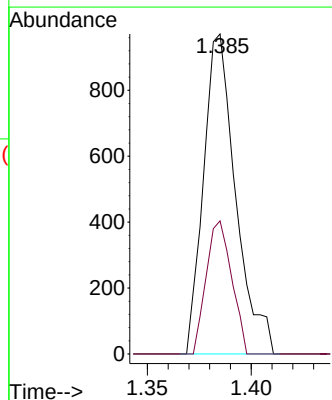
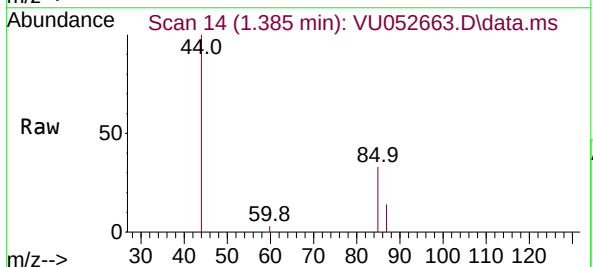
Instrument :
MSVOA_U
ClientSampleId :
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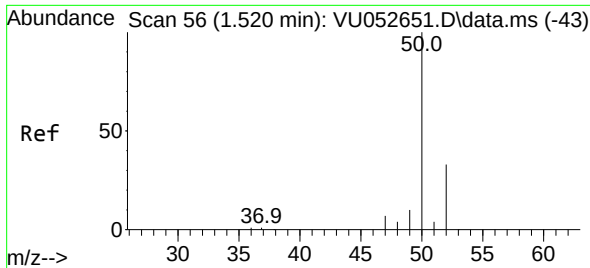
Tgt Ion:168 Resp: 203231
Ion Ratio Lower Upper
168 100
99 62.5 39.3 58.9#



#2
Dichlorodifluoromethane
Concen: 0.408 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

Tgt Ion: 85 Resp: 1045
Ion Ratio Lower Upper
85 100
87 41.6 16.4 49.2

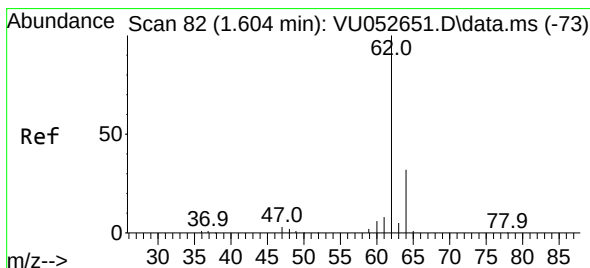
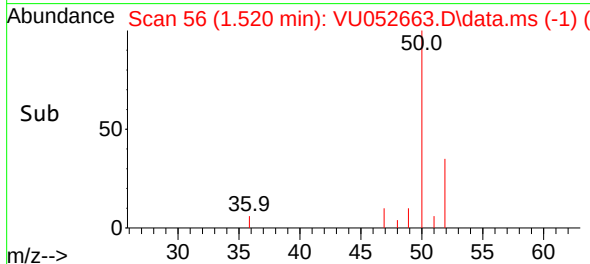
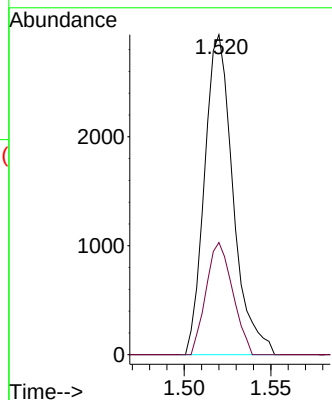
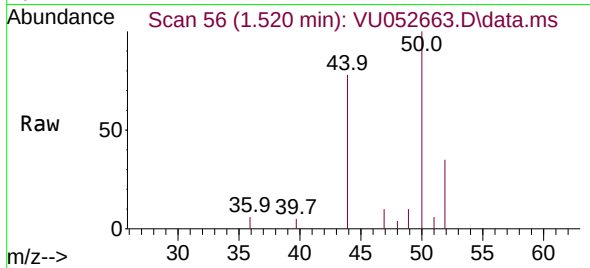




#3
Chloromethane
Concen: 0.900 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

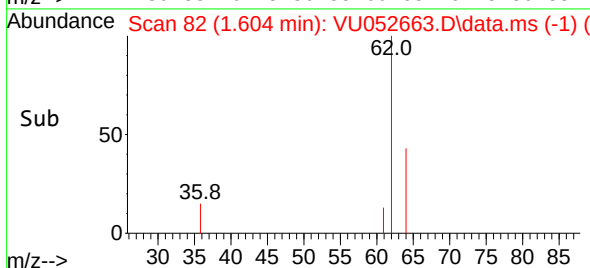
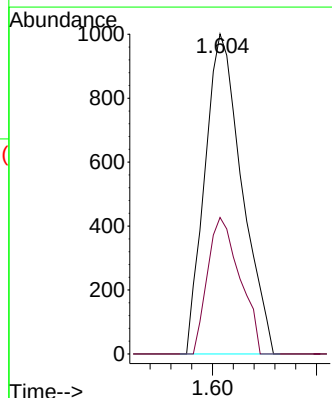
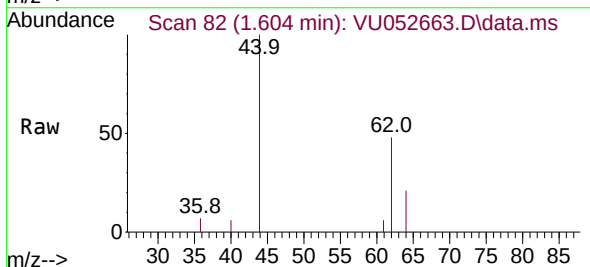
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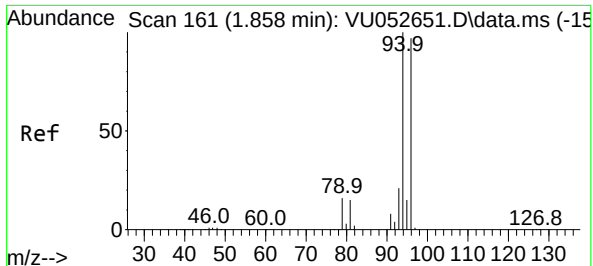
Tgt Ion: 50 Resp: 3357
Ion Ratio Lower Upper
50 100
52 35.1 27.4 41.2



#4
Vinyl Chloride
Concen: 0.385 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

Tgt Ion: 62 Resp: 1237
Ion Ratio Lower Upper
62 100
64 42.7 25.3 37.9#

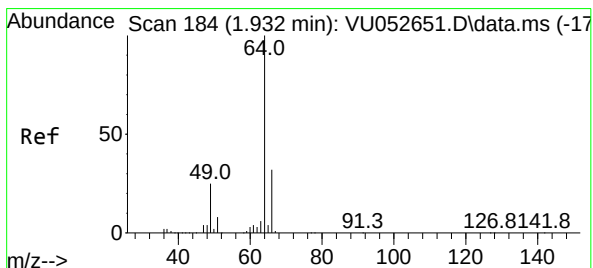
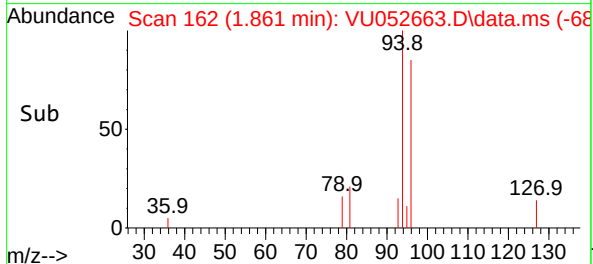
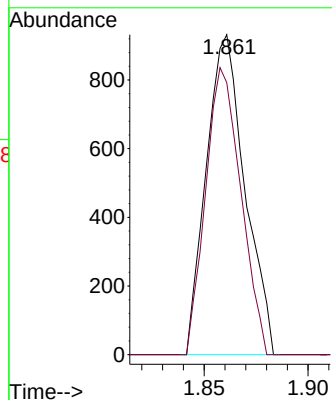
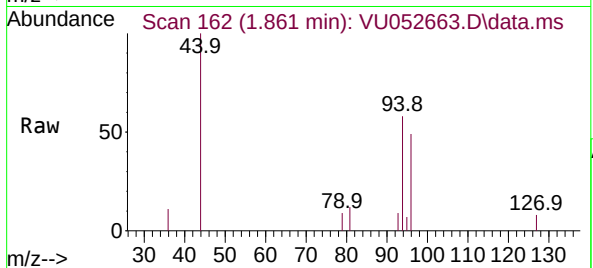




#5
Bromomethane
Concen: 0.645 ug/l
RT: 1.861 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

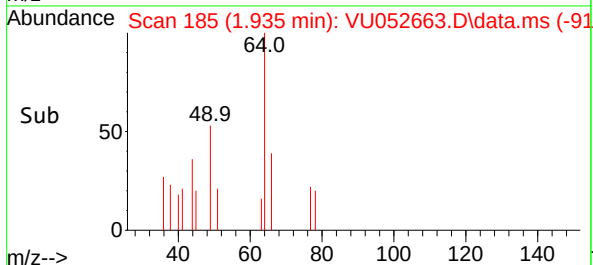
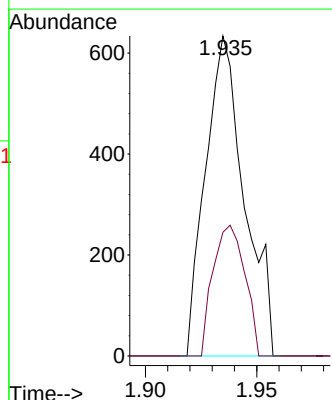
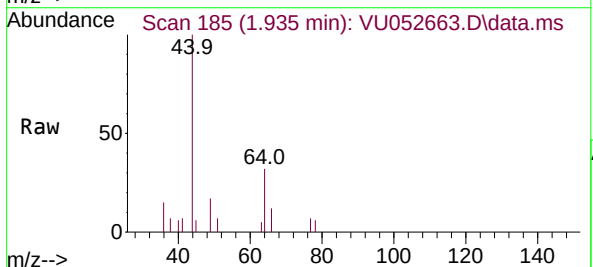
Instrument :
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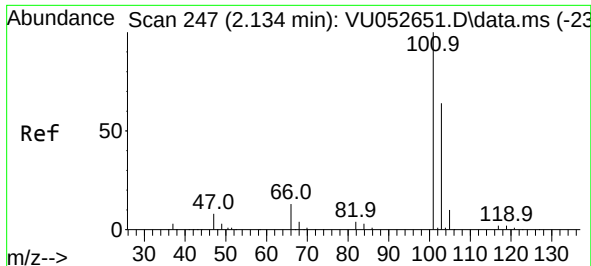
Tgt Ion: 94 Resp: 1205
Ion Ratio Lower Upper
94 100
96 85.0 73.7 110.5



#6
Chloroethane
Concen: 0.400 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

Tgt Ion: 64 Resp: 771
Ion Ratio Lower Upper
64 100
66 38.6 24.7 37.1#

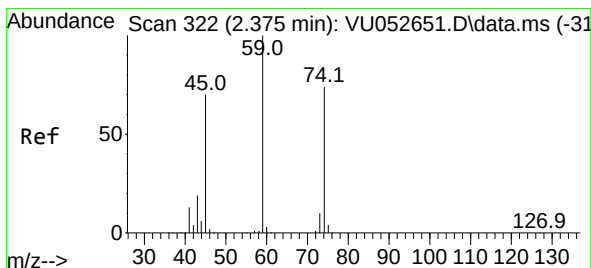
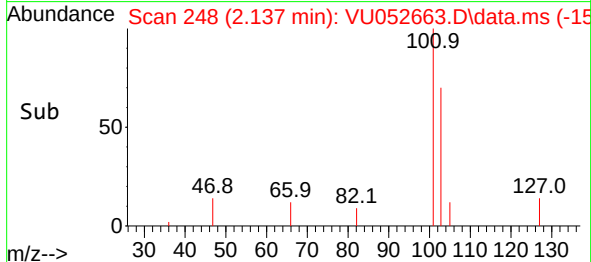
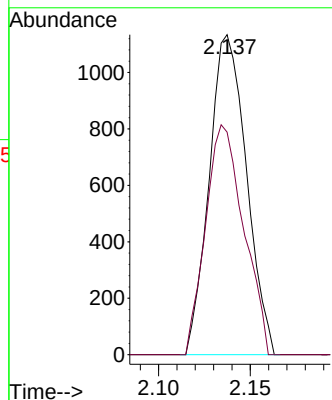
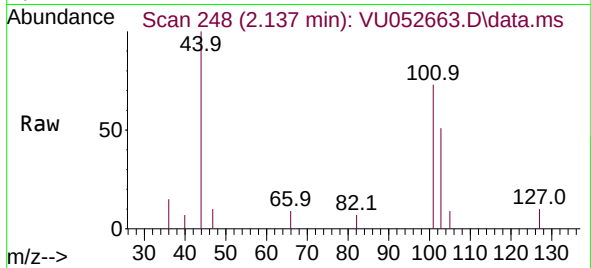




#7
Trichlorofluoromethane
Concen: 0.398 ug/l
RT: 2.137 min Scan# 247
Delta R.T. 0.003 min
Lab File: VU052663.D
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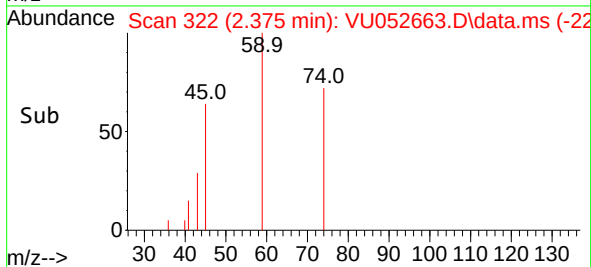
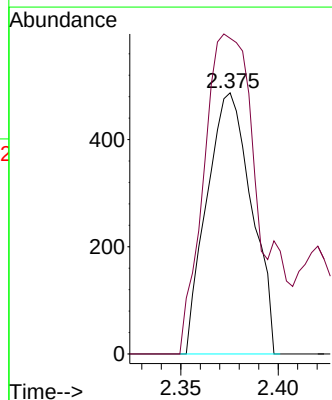
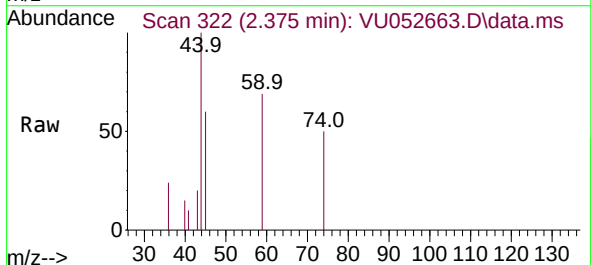
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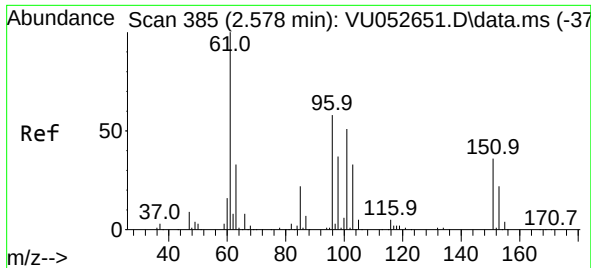
Tgt Ion:101 Resp: 1603
Ion Ratio Lower Upper
101 100
103 69.6 50.6 75.8



#8
Diethyl Ether
Concen: 0.470 ug/l
RT: 2.375 min Scan# 322
Delta R.T. 0.000 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

Tgt Ion: 74 Resp: 778
Ion Ratio Lower Upper
74 100
45 135.0 44.4 133.2#

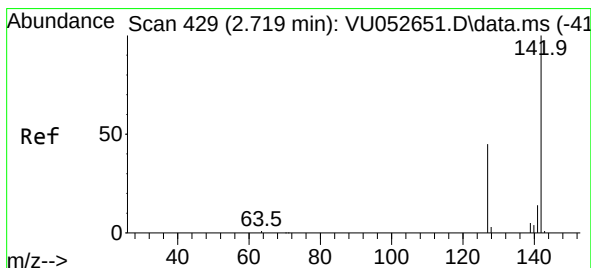
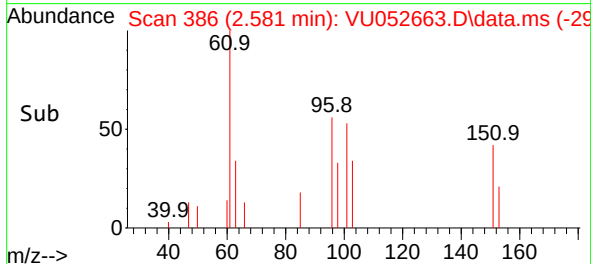
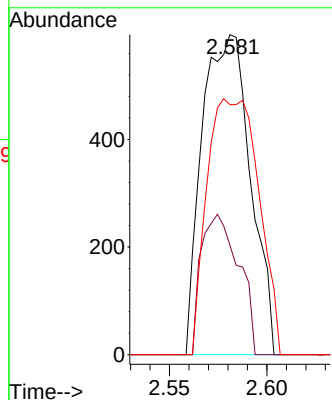
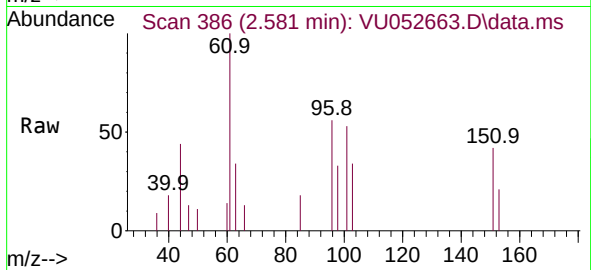




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.425 ug/l
RT: 2.581 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

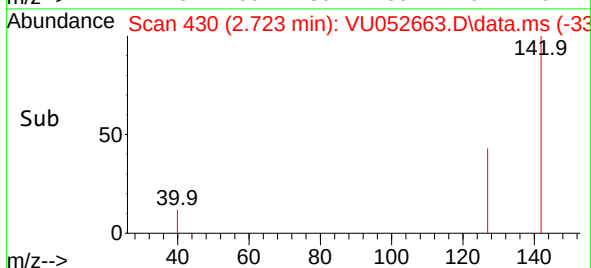
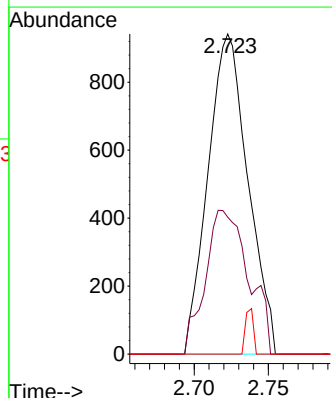
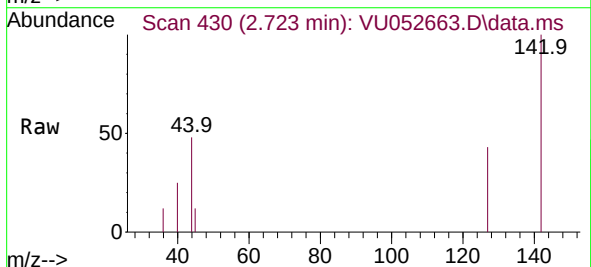
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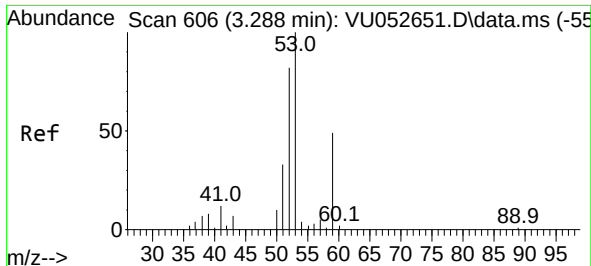
Tgt Ion:101 Resp: 1025
Ion Ratio Lower Upper
101 100
85 34.1 33.9 50.9
151 85.5 64.0 96.0



#10
Methyl Iodide
Concen: 0.706 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.004 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

Tgt Ion:142 Resp: 1762
Ion Ratio Lower Upper
142 100
127 48.7 32.5 48.7
141 0.0 11.4 17.0#

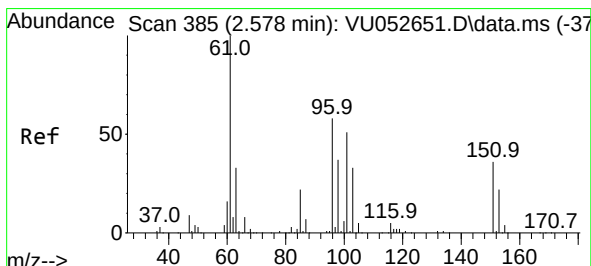
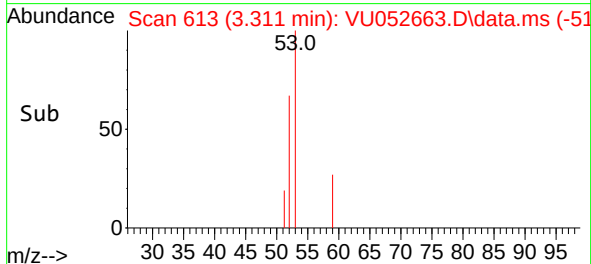
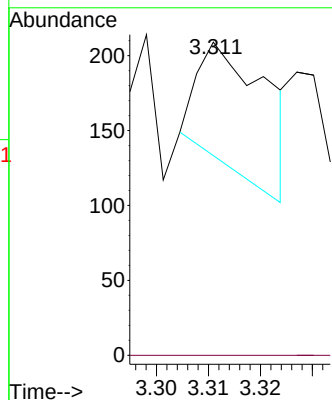
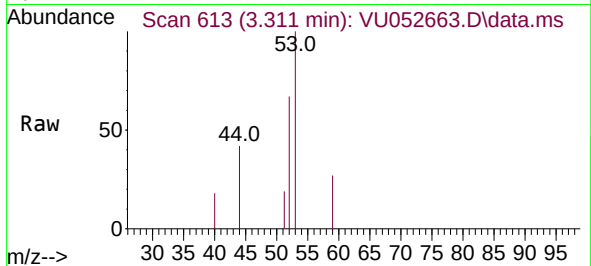




#11
Tert butyl alcohol
Concen: 0.115 ug/l
RT: 3.311 min Scan# 613
Delta R.T. 0.023 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

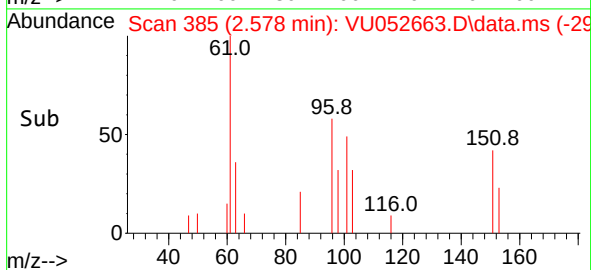
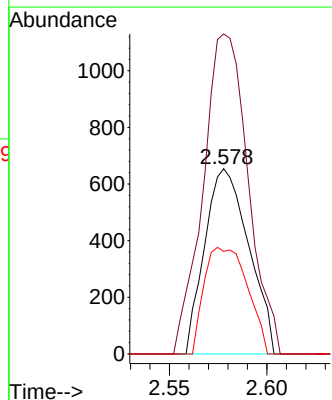
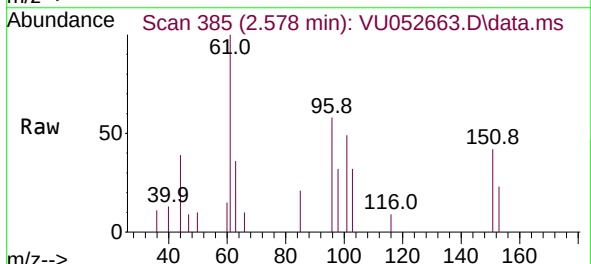
Instrument :
MSVOA_U
ClientSampleId :
MDL02

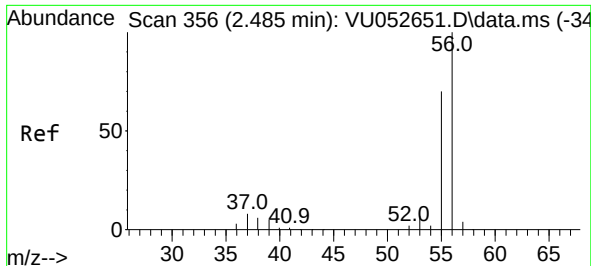
Tgt Ion: 59 Resp: 73
Ion Ratio Lower Upper
59 100
57 0.0 30.6 45.8#



#12
1,1-Dichloroethene
Concen: 0.433 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

Tgt Ion: 96 Resp: 1029
Ion Ratio Lower Upper
96 100
61 172.8 122.2 183.2
98 55.4 50.7 76.1





#13

Acrolein

Concen: 2.331 ug/l

RT: 2.491 min Scan# 358

Delta R.T. 0.006 min

Lab File: VU052663.D

Acq: 12 Jan 2023 14:03

Instrument :

MSVOA_U

ClientSampleId :

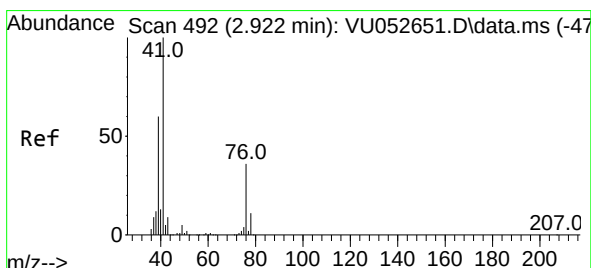
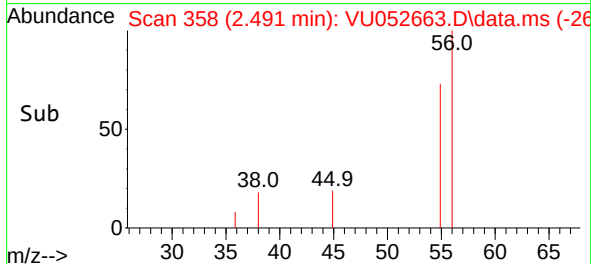
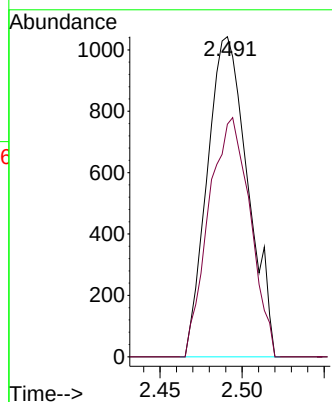
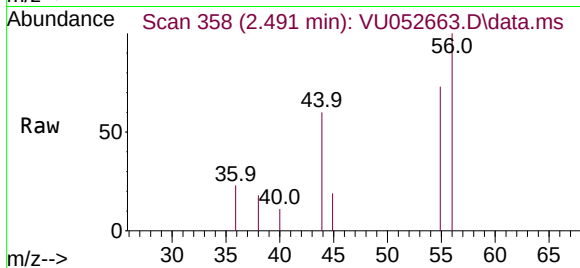
MDL02

Tgt Ion: 56 Resp: 1793

Ion Ratio Lower Upper

56 100

55 76.1 56.6 85.0



#14

Allyl chloride

Concen: 0.415 ug/l

RT: 2.919 min Scan# 491

Delta R.T. -0.003 min

Lab File: VU052663.D

Acq: 12 Jan 2023 14:03

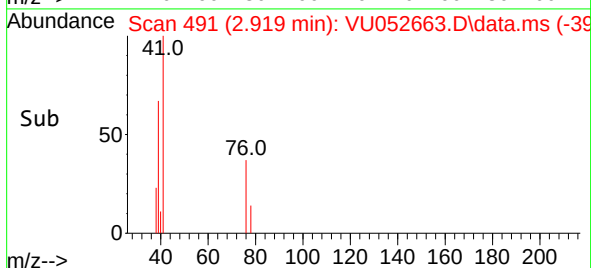
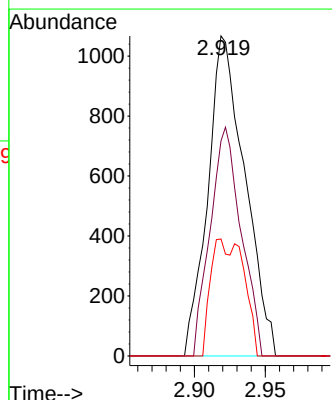
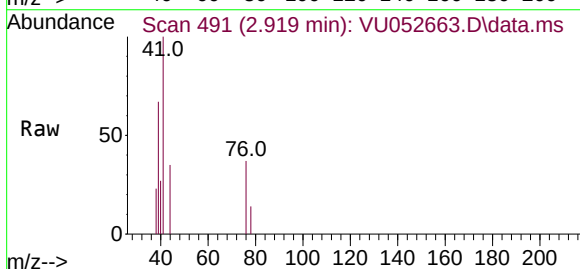
Tgt Ion: 41 Resp: 1942

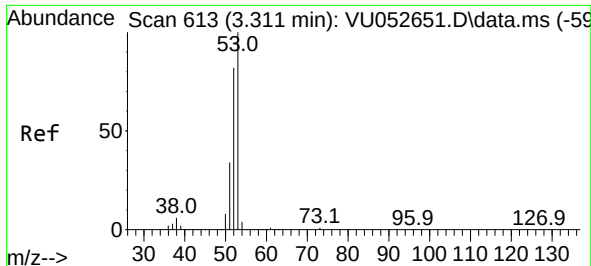
Ion Ratio Lower Upper

41 100

39 59.7 53.4 80.2

76 19.2 33.8 50.6#

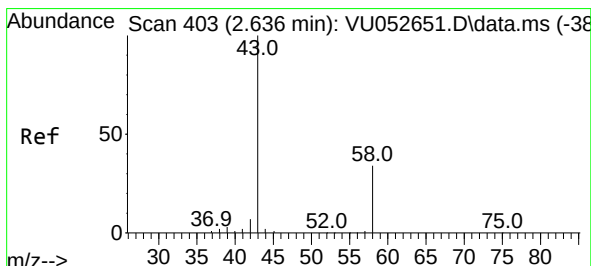
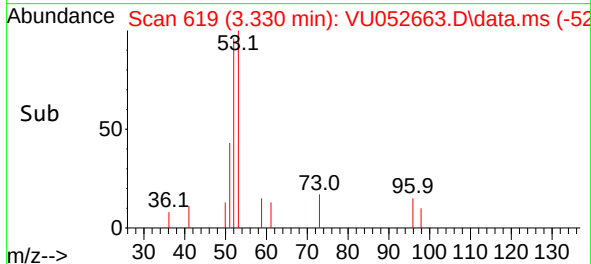
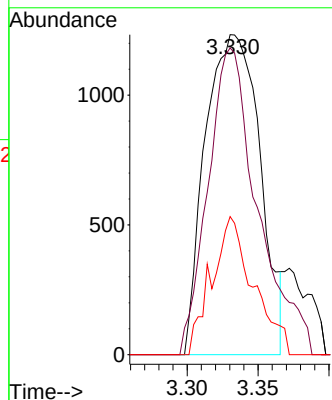
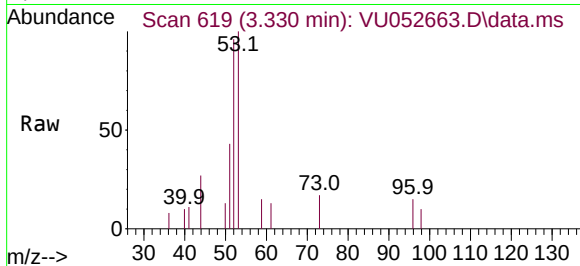




#15
Acrylonitrile
Concen: 1.928 ug/l
RT: 3.330 min Scan# 613
Delta R.T. 0.019 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

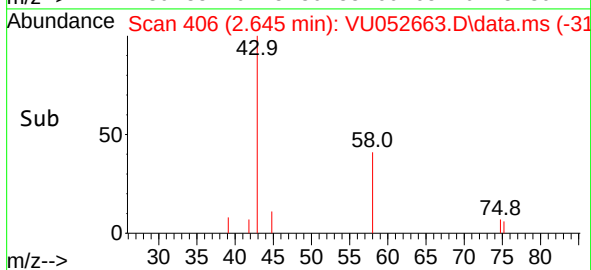
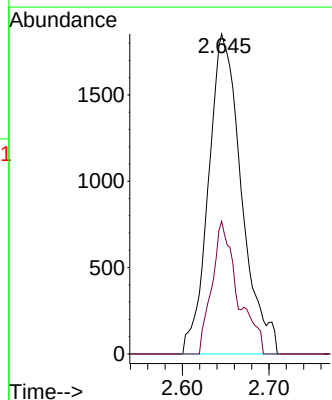
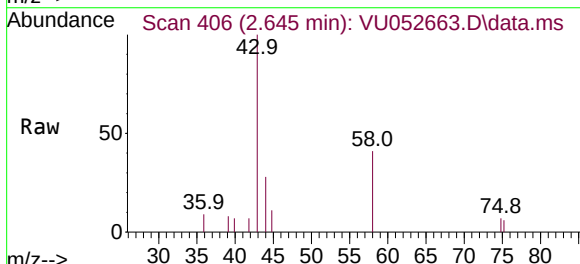
Instrument :
MSVOA_U
ClientSampleId :
MDL02

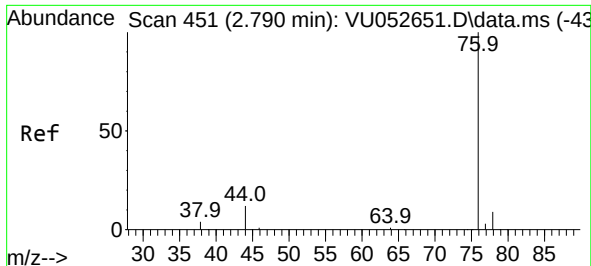
Tgt Ion: 53	Resp:	3304
Ion	Ratio	Lower Upper
53	100	
52	87.5	65.7 98.5
51	32.9	28.2 42.4



#16
Acetone
Concen: 2.944 ug/l
RT: 2.645 min Scan# 406
Delta R.T. 0.009 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

Tgt Ion: 43	Resp:	4902
Ion	Ratio	Lower Upper
43	100	
58	41.4	27.5 41.3#

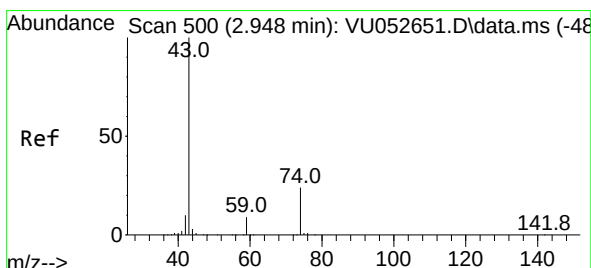
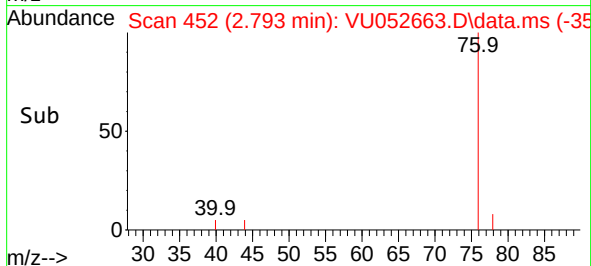
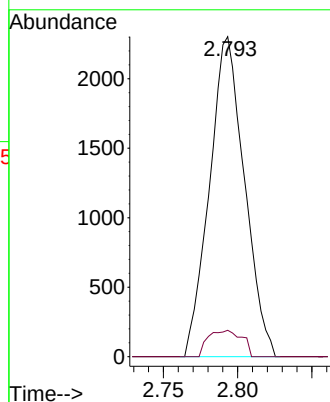
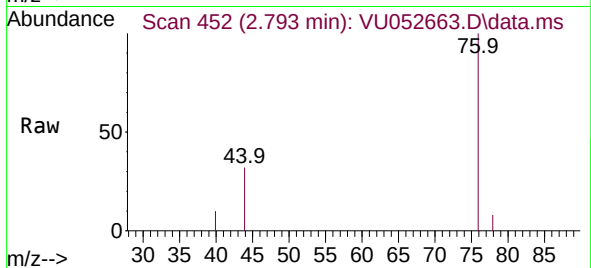




#17
Carbon Disulfide
Concen: 0.501 ug/l
RT: 2.793 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

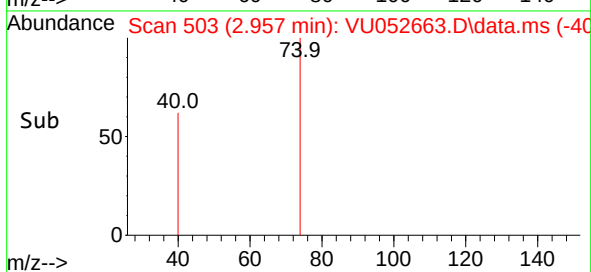
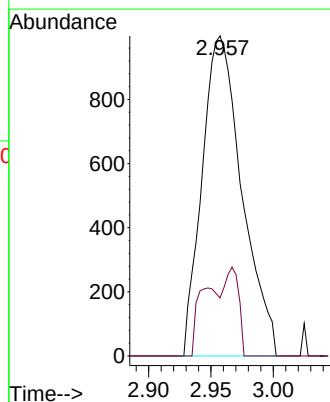
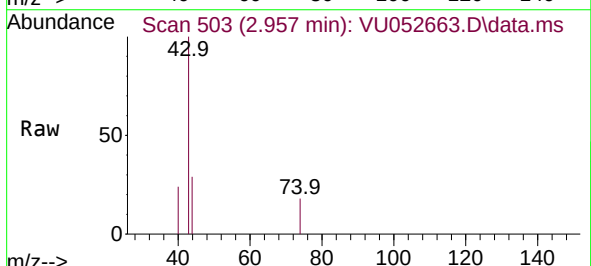
Instrument :
MSVOA_U
ClientSampleId :
MDL02

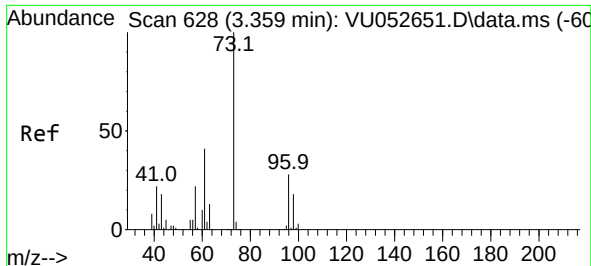
Tgt Ion: 76 Resp: 3766
Ion Ratio Lower Upper
76 100
78 8.3 7.3 10.9



#18
Methyl Acetate
Concen: 0.458 ug/l
RT: 2.957 min Scan# 503
Delta R.T. 0.009 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

Tgt Ion: 43 Resp: 2223
Ion Ratio Lower Upper
43 100
74 10.1 22.5 33.7#





#19

Methyl tert-butyl Ether

Concen: 0.419 ug/l

RT: 3.359 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU052663.D

Acq: 12 Jan 2023 14:03

Instrument :

MSVOA_U

ClientSampleId :

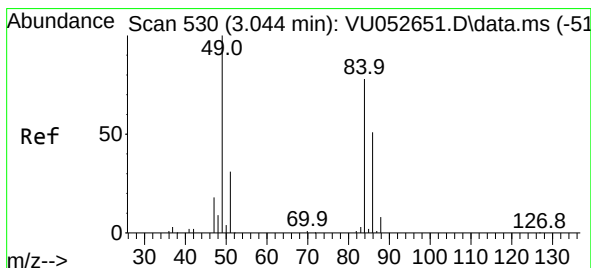
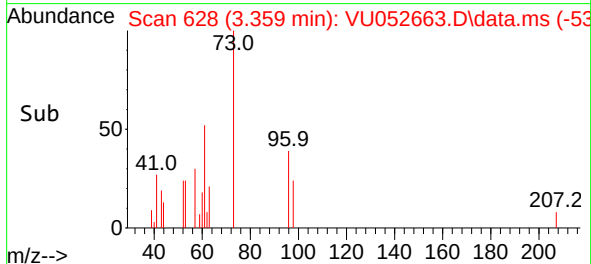
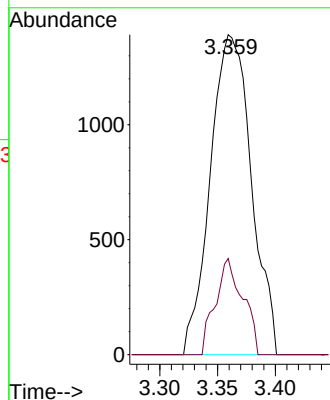
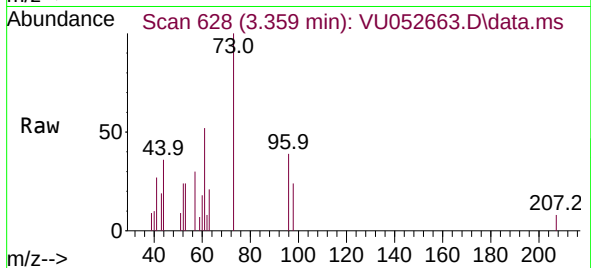
MDL02

Tgt Ion: 73 Resp: 3442

Ion Ratio Lower Upper

73 100

57 30.0 17.1 25.7#



#20

Methylene Chloride

Concen: 0.754 ug/l

RT: 3.044 min Scan# 530

Delta R.T. 0.000 min

Lab File: VU052663.D

Acq: 12 Jan 2023 14:03

Tgt Ion: 84 Resp: 2646

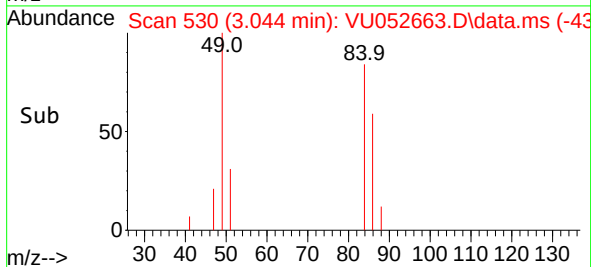
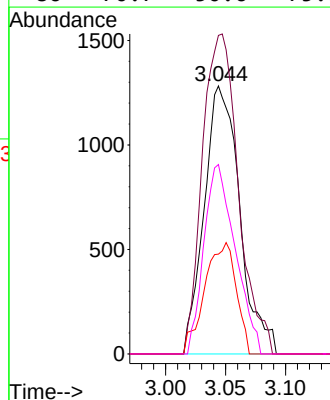
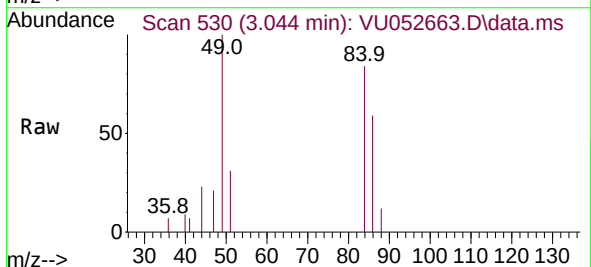
Ion Ratio Lower Upper

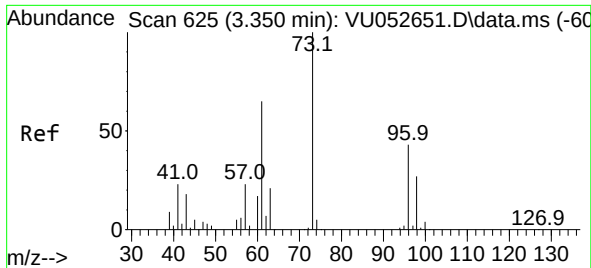
84 100

49 118.9 86.6 129.8

51 37.3 26.6 40.0

86 70.7 50.6 75.8

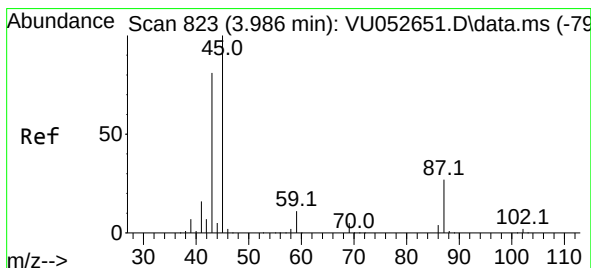
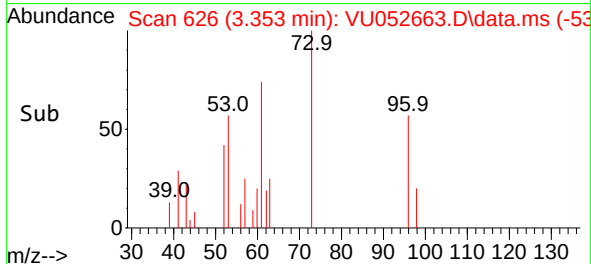
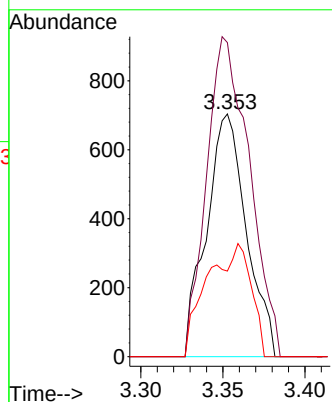
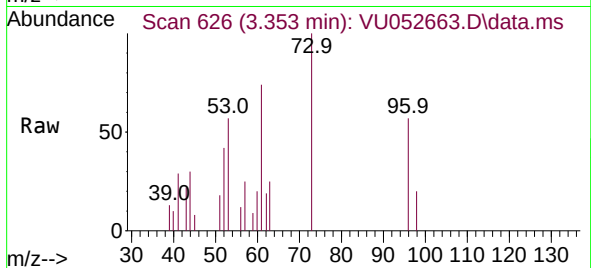




#21
trans-1,2-Dichloroethene
Concen: 0.463 ug/l
RT: 3.353 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

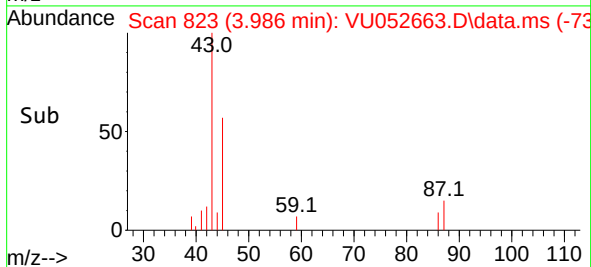
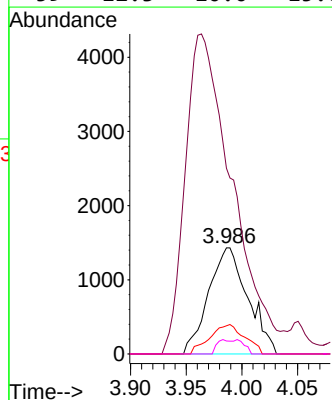
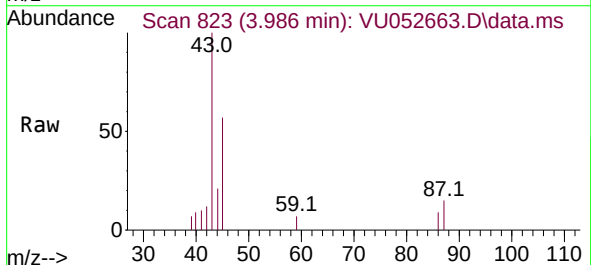
Instrument :
MSVOA_U
ClientSampleId :
MDL02

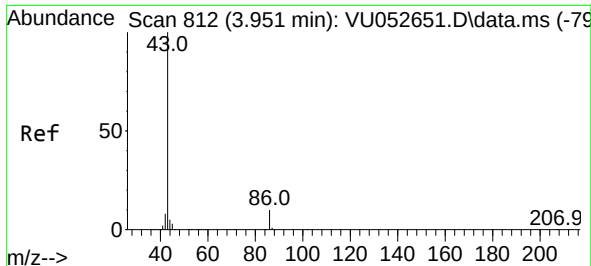
Tgt Ion: 96 Resp: 1190
Ion Ratio Lower Upper
96 100
61 129.4 106.1 159.1
98 35.2 50.8 76.2#



#22
Diisopropyl ether
Concen: 0.391 ug/l
RT: 3.986 min Scan# 823
Delta R.T. 0.000 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

Tgt Ion: 45 Resp: 3512
Ion Ratio Lower Upper
45 100
43 153.7 92.9 139.3#
87 26.5 26.2 39.2
59 12.3 10.0 15.0

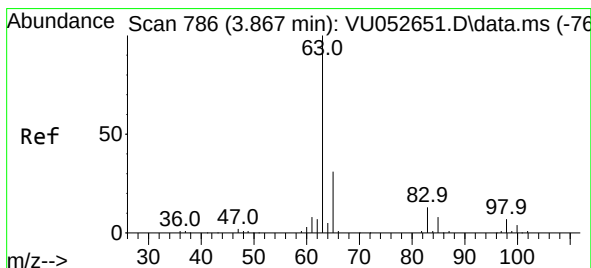
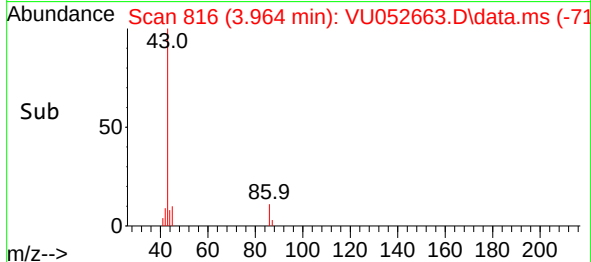
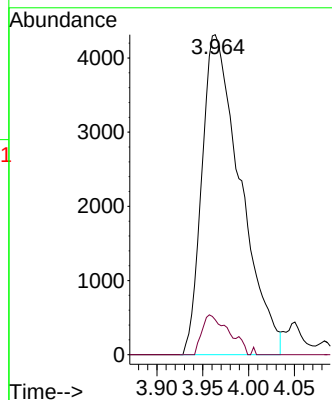
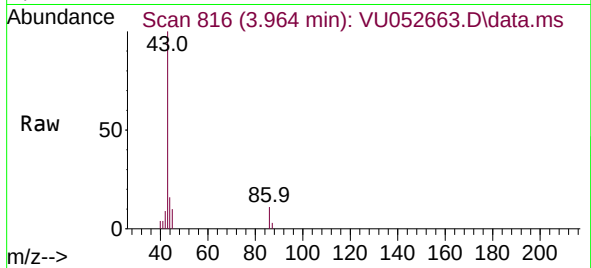




#23
 Vinyl Acetate
 Concen: 1.797 ug/l
 RT: 3.964 min Scan# 812
 Delta R.T. 0.013 min
 Lab File: VU052663.D
 Acq: 12 Jan 2023 14:03

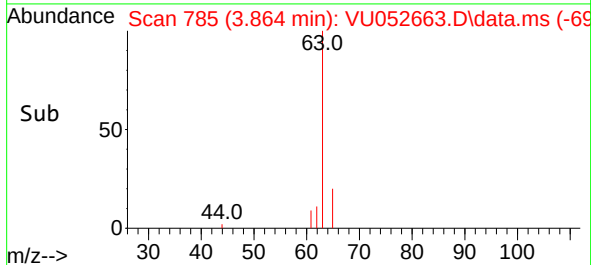
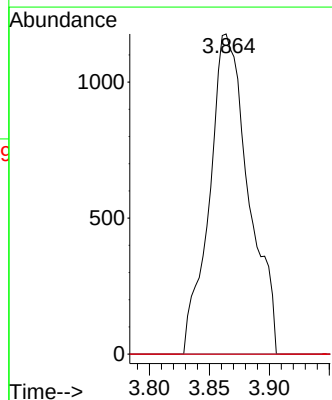
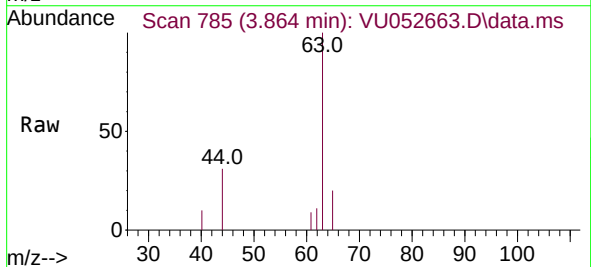
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02

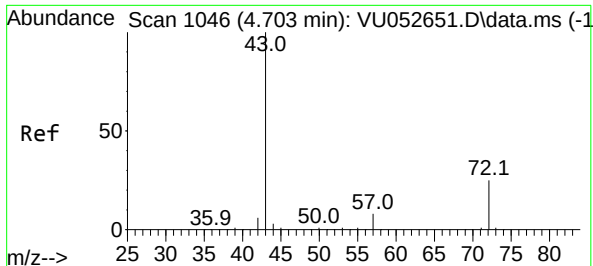
Tgt Ion: 43 Resp: 12584
 Ion Ratio Lower Upper
 43 100
 86 10.9 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 0.507 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. -0.003 min
 Lab File: VU052663.D
 Acq: 12 Jan 2023 14:03

Tgt Ion: 63 Resp: 2683
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.9#
 100 0.0 2.4 7.2#





#25

2-Butanone

Concen: 1.793 ug/l

RT: 4.729 min Scan# 1054

Delta R.T. 0.026 min

Lab File: VU052663.D

Acq: 12 Jan 2023 14:03

Instrument :

MSVOA_U

ClientSampleId :

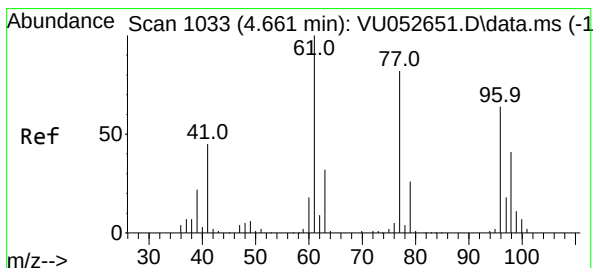
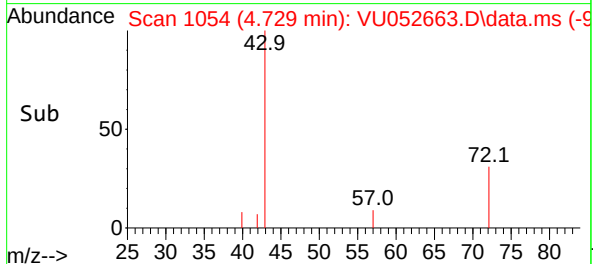
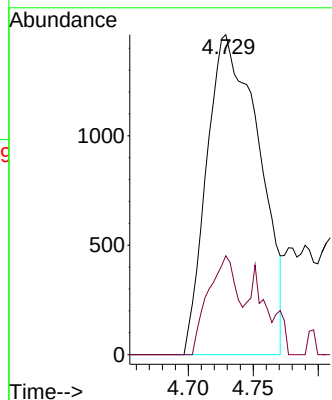
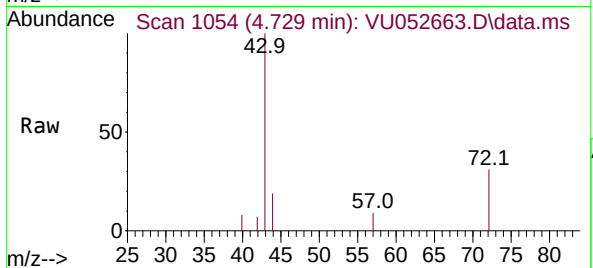
MDL02

Tgt Ion: 43 Resp: 4099

Ion Ratio Lower Upper

43 100

72 30.9 23.8 35.6



#26

2,2-Dichloropropane

Concen: 0.254 ug/l

RT: 4.652 min Scan# 1030

Delta R.T. -0.009 min

Lab File: VU052663.D

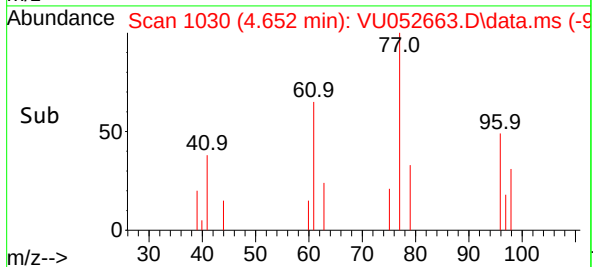
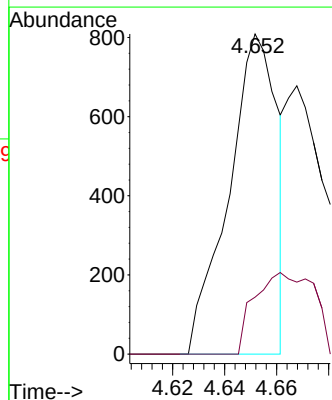
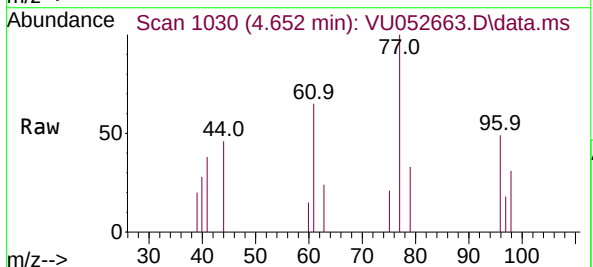
Acq: 12 Jan 2023 14:03

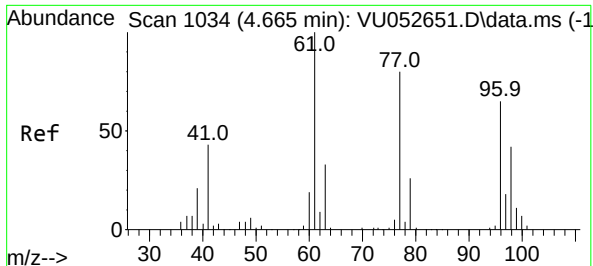
Tgt Ion: 77 Resp: 1046

Ion Ratio Lower Upper

77 100

97 31.2 11.6 34.8

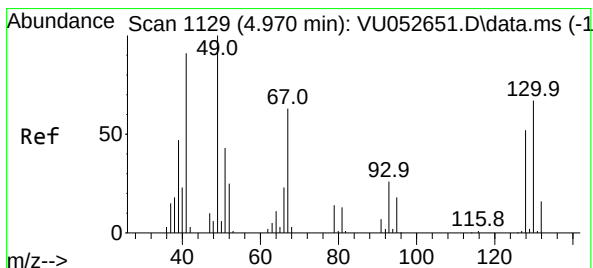
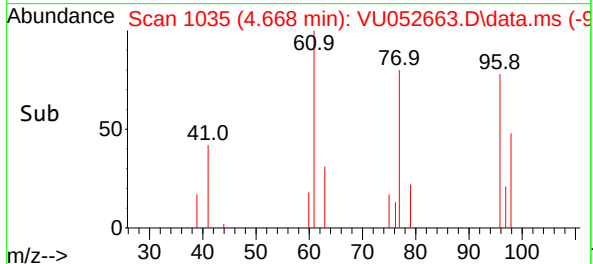
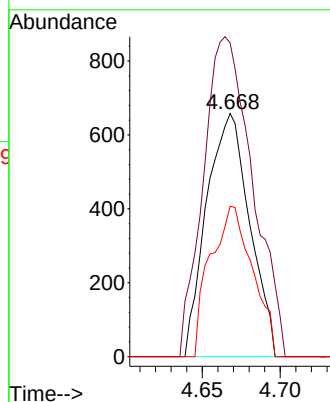
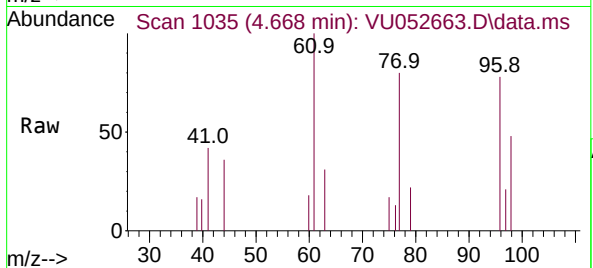




#27
 cis-1,2-Dichloroethene
 Concen: 0.431 ug/l
 RT: 4.668 min Scan# 1103
 Delta R.T. 0.003 min
 Lab File: VU052663.D
 Acq: 12 Jan 2023 14:03

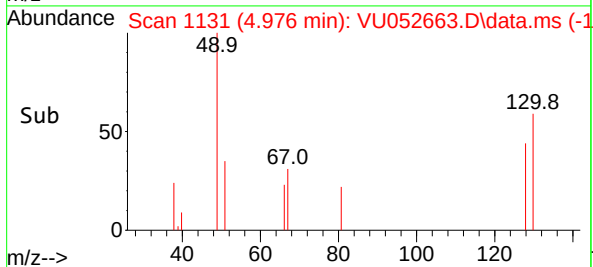
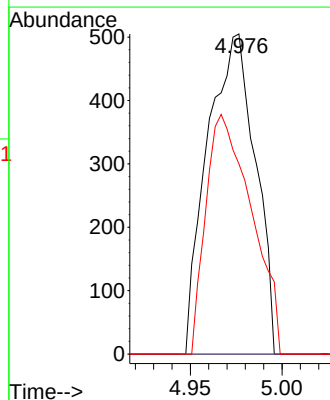
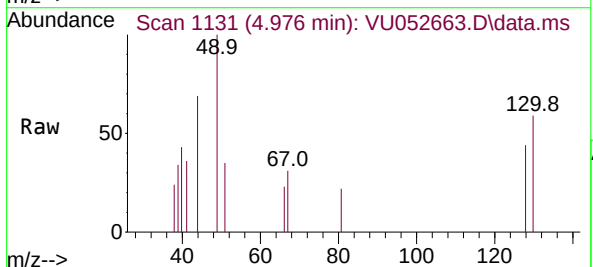
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02

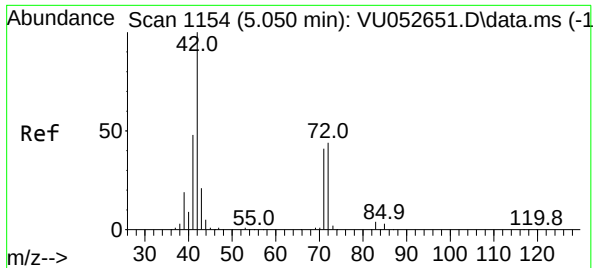
Tgt Ion: 96	Resp:	1264	
Ion	Ratio	Lower	Upper
96	100		
61	150.6	0.0	271.6
98	60.8	0.0	128.2



#28
 Bromochloromethane
 Concen: 0.377 ug/l
 RT: 4.976 min Scan# 1131
 Delta R.T. 0.006 min
 Lab File: VU052663.D
 Acq: 12 Jan 2023 14:03

Tgt Ion: 49	Resp:	917	
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	71.6	76.9	115.3#

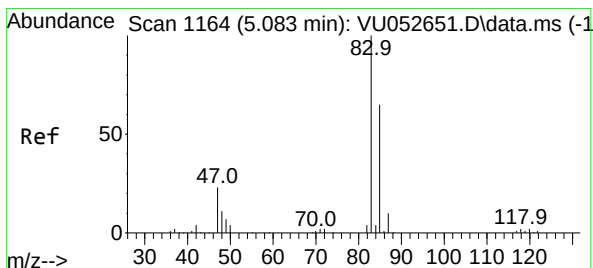
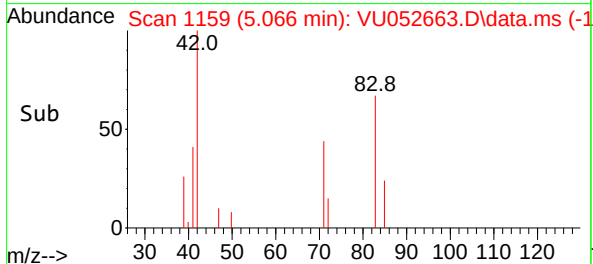
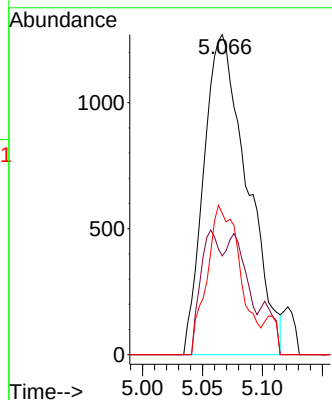
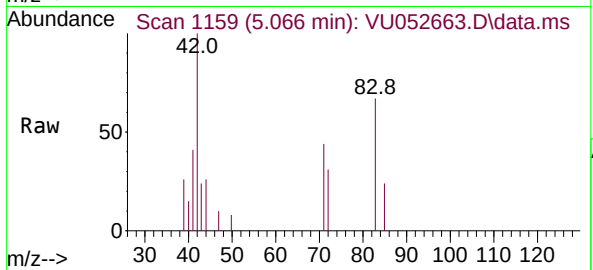




#29
Tetrahydrofuran
Concen: 2.308 ug/l
RT: 5.066 min Scan# 1159
Delta R.T. 0.016 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

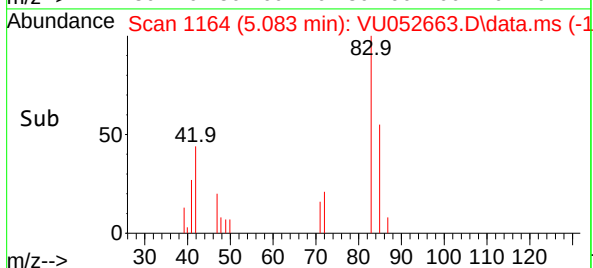
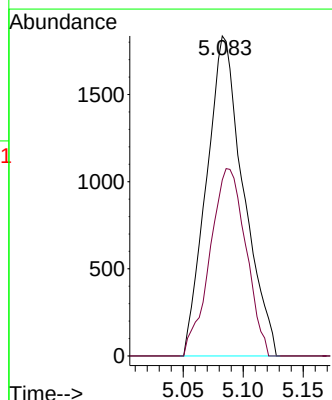
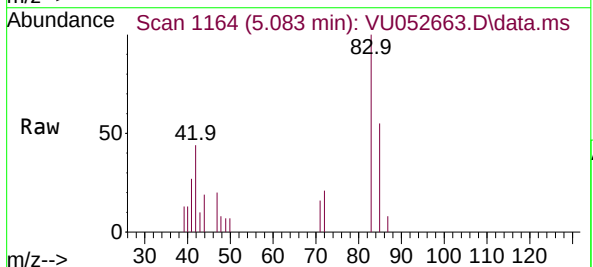
Instrument :
MSVOA_U
ClientSampleId :
MDL02

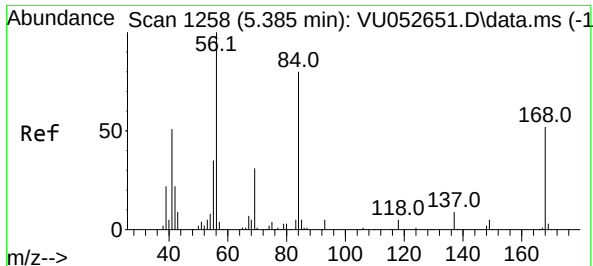
Tgt Ion: 42 Resp: 3200
Ion Ratio Lower Upper
42 100
72 18.5 42.6 63.8#
71 36.1 40.3 60.5#



#30
Chloroform
Concen: 0.730 ug/l
RT: 5.083 min Scan# 1164
Delta R.T. -0.000 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

Tgt Ion: 83 Resp: 3925
Ion Ratio Lower Upper
83 100
85 55.0 51.2 76.8





#31

Cyclohexane

Concen: 1.273 ug/l

RT: 5.365 min Scan# 1

Delta R.T. -0.019 min

Lab File: VU052663.D

Acq: 12 Jan 2023 14:03

Instrument :

MSVOA_U

ClientSampleId :

MDL02

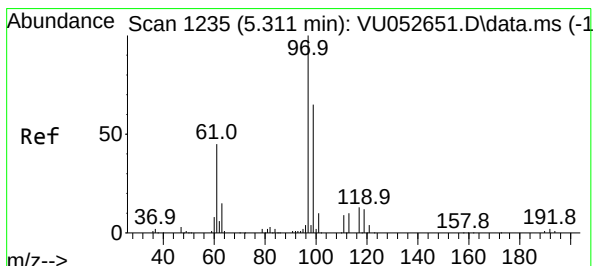
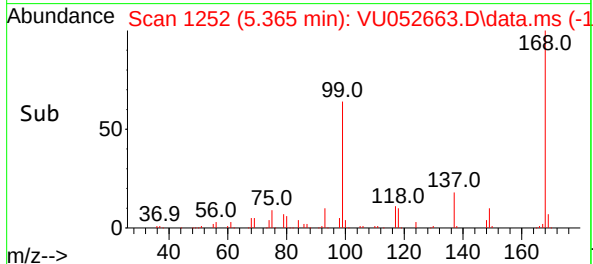
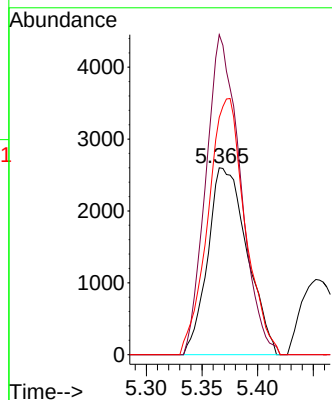
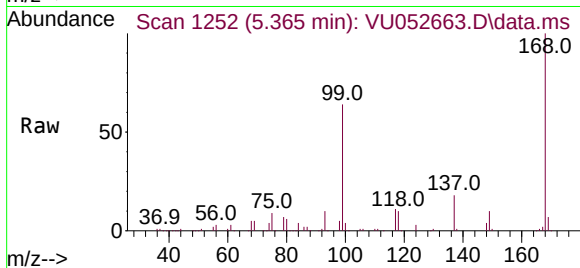
Tgt Ion: 56 Resp: 6378

Ion Ratio Lower Upper

56 100

69 171.3 27.8 41.8#

84 127.0 74.2 111.4#



#32

1,1,1-Trichloroethane

Concen: 0.458 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. -0.000 min

Lab File: VU052663.D

Acq: 12 Jan 2023 14:03

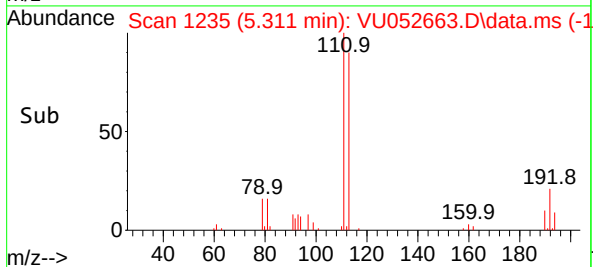
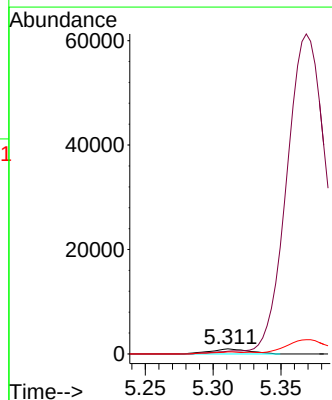
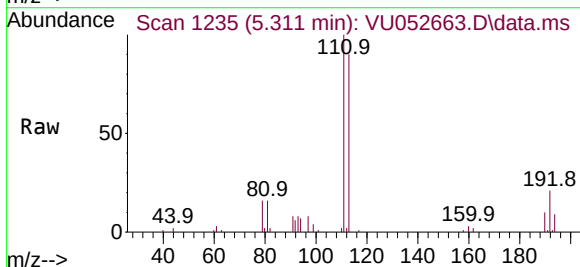
Tgt Ion: 97 Resp: 1930

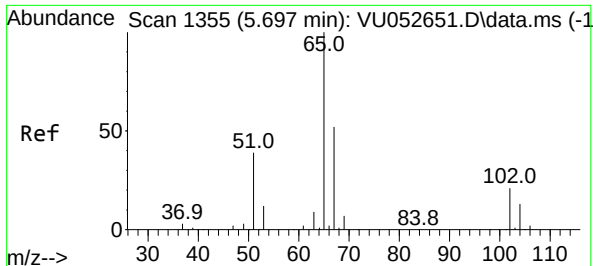
Ion Ratio Lower Upper

97 100

99 0.0 51.8 77.6#

61 30.6 35.1 52.7#





#33

1,2-Dichloroethane-d4

Concen: 54.870 ug/l

RT: 5.697 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU052663.D

Acq: 12 Jan 2023 14:03

Instrument :

MSVOA_U

ClientSampleId :

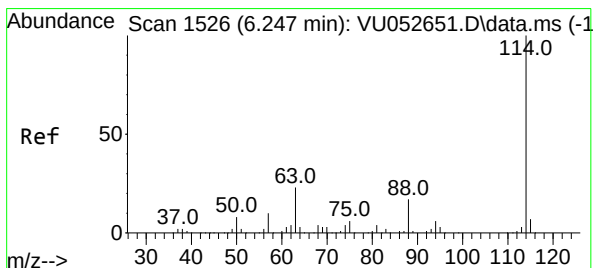
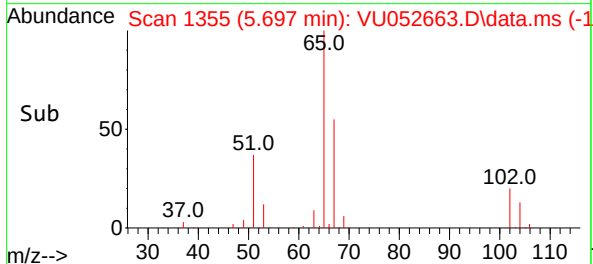
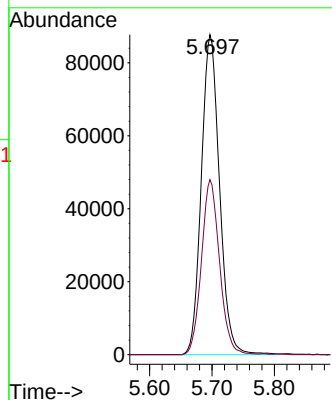
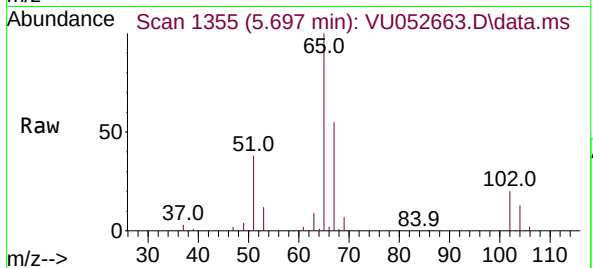
MDL02

Tgt Ion: 65 Resp: 178159

Ion Ratio Lower Upper

65 100

67 54.3 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: VU052663.D

Acq: 12 Jan 2023 14:03

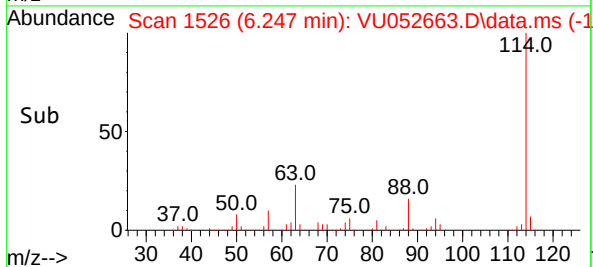
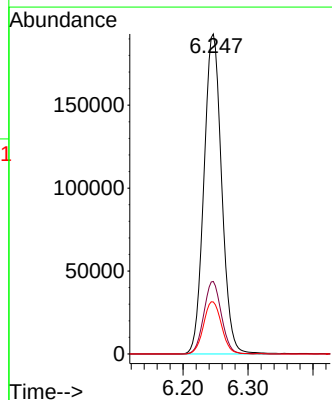
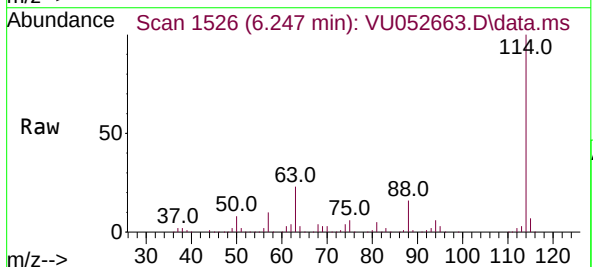
Tgt Ion:114 Resp: 366474

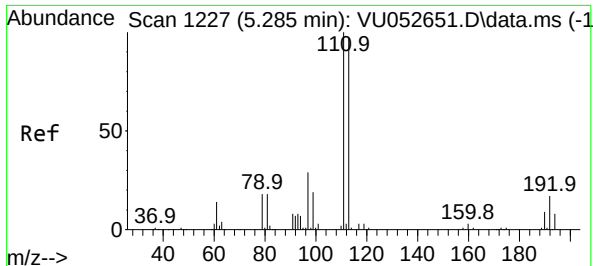
Ion Ratio Lower Upper

114 100

63 22.6 0.0 37.8

88 16.3 0.0 29.2

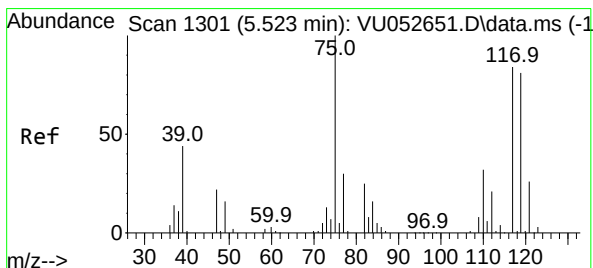
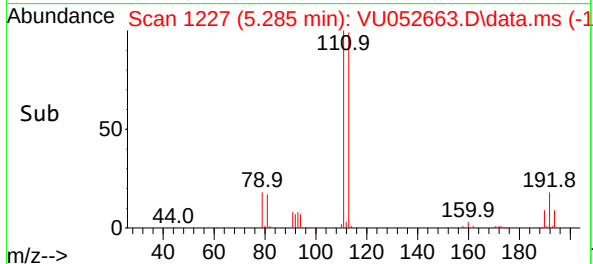
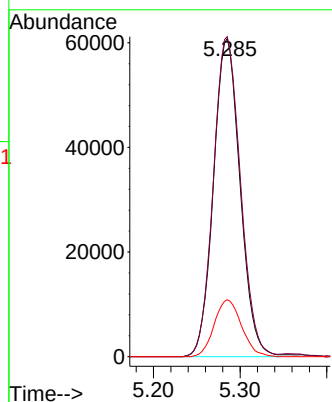
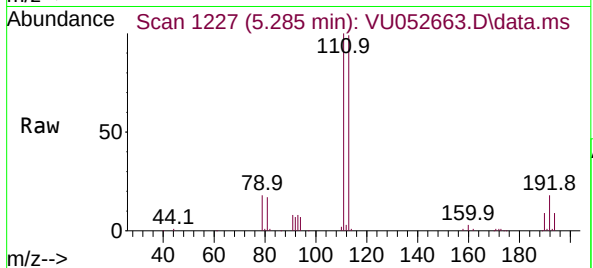




#35
Dibromofluoromethane
Concen: 51.321 ug/l
RT: 5.285 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

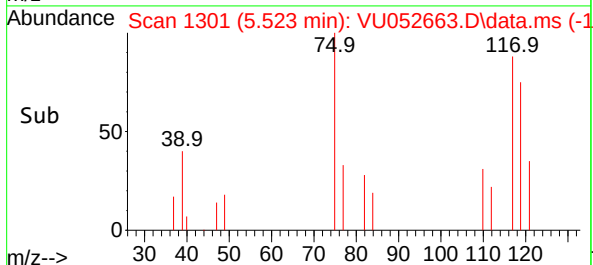
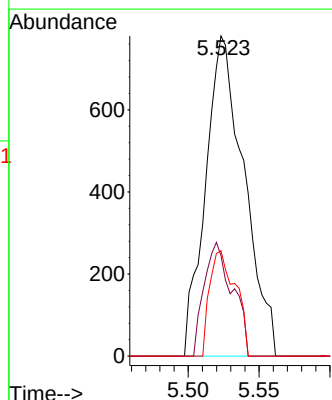
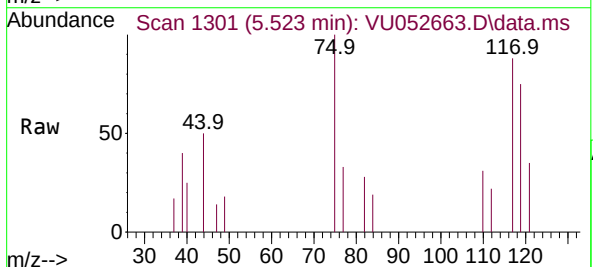
Instrument :
MSVOA_U
ClientSampleId :
MDL02

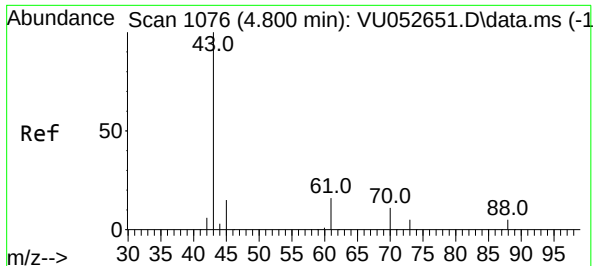
Tgt Ion:113 Resp: 129546
Ion Ratio Lower Upper
113 100
111 102.5 82.1 123.1
192 18.4 18.0 27.0



#36
1,1-Dichloropropene
Concen: 0.371 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

Tgt Ion: 75 Resp: 1475
Ion Ratio Lower Upper
75 100
110 26.0 18.4 55.2
77 22.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 0.233 ug/l

RT: 4.822 min Scan# 1083

Delta R.T. 0.022 min

Lab File: VU052663.D

Acq: 12 Jan 2023 14:03

Instrument :

MSVOA_U

ClientSampleId :

MDL02

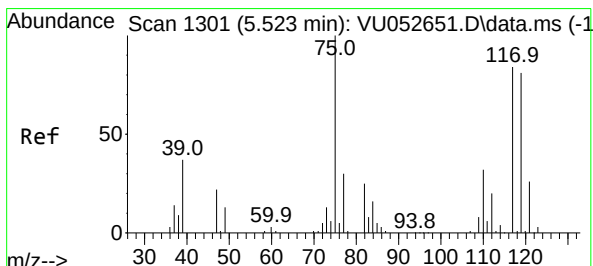
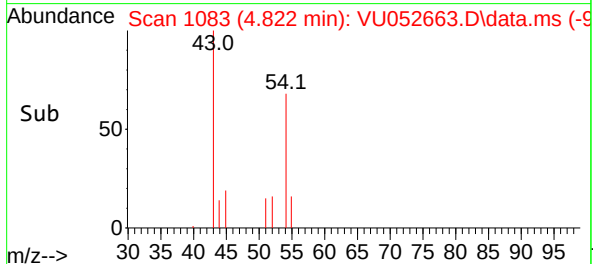
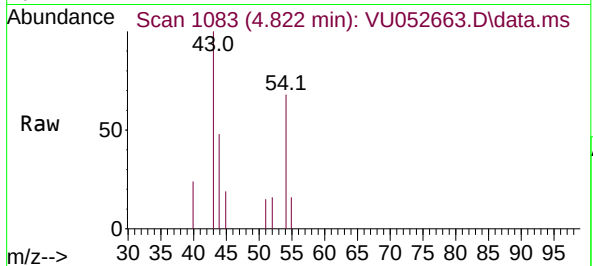
Tgt Ion: 43 Resp: 1174

Ion Ratio Lower Upper

43 100

61 0.0 9.5 14.3#

70 0.0 7.5 11.3#



#38

Carbon Tetrachloride

Concen: 0.369 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VU052663.D

Acq: 12 Jan 2023 14:03

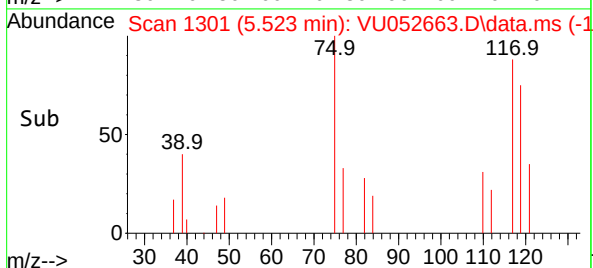
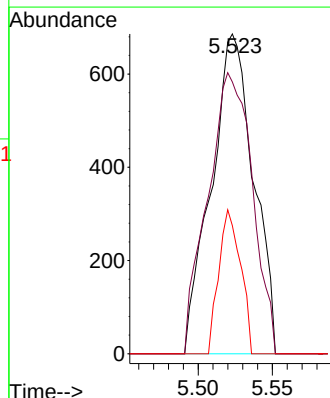
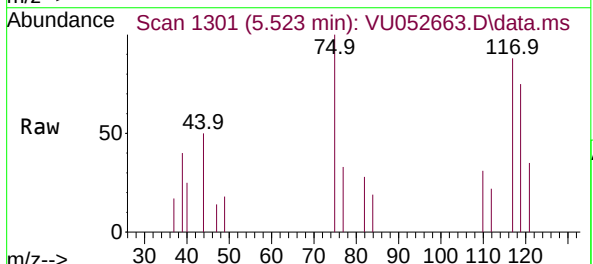
Tgt Ion: 117 Resp: 1361

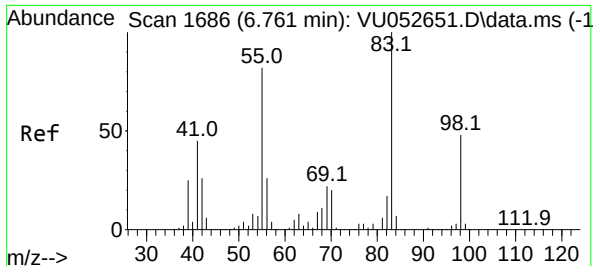
Ion Ratio Lower Upper

117 100

119 85.0 76.8 115.2

121 40.1 24.7 37.1#





#39

Methylcyclohexane

Concen: 0.405 ug/l

RT: 6.764 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU052663.D

Acq: 12 Jan 2023 14:03

Instrument :

MSVOA_U

ClientSampleId :

MDL02

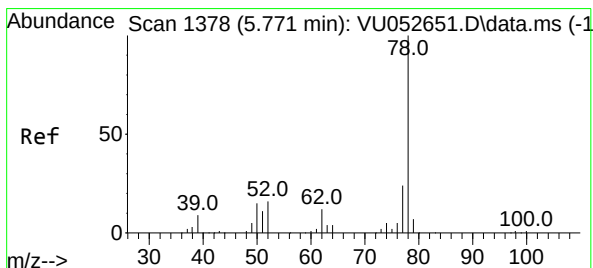
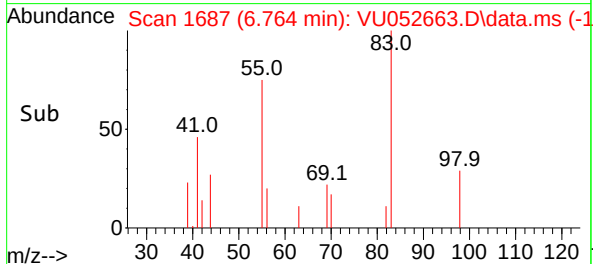
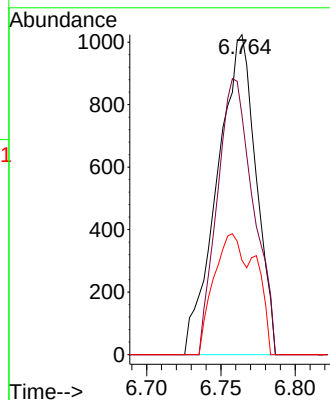
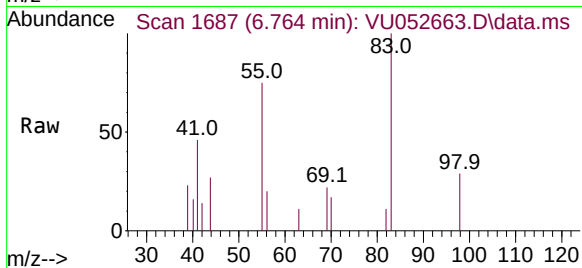
Tgt Ion: 83 Resp: 1851

Ion Ratio Lower Upper

83 100

55 74.8 55.3 82.9

98 29.5 37.3 55.9#



#40

Benzene

Concen: 0.435 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. 0.003 min

Lab File: VU052663.D

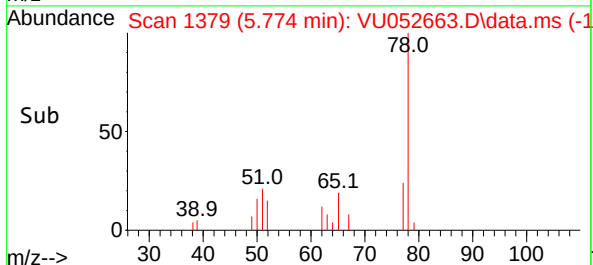
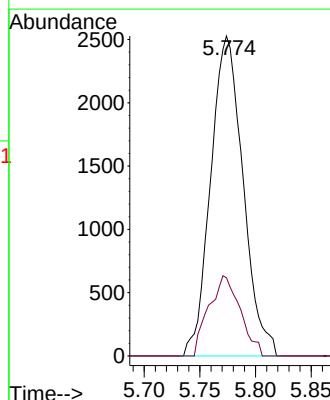
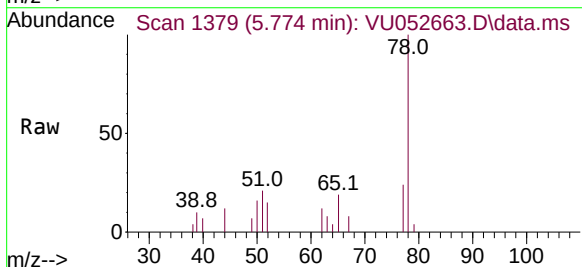
Acq: 12 Jan 2023 14:03

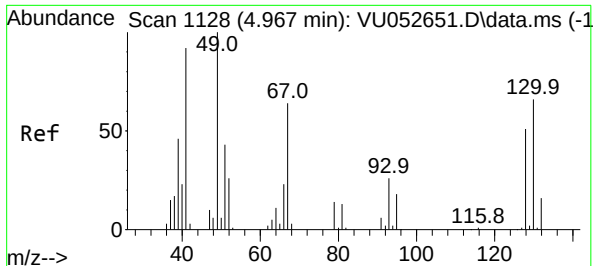
Tgt Ion: 78 Resp: 5111

Ion Ratio Lower Upper

78 100

77 24.4 18.8 28.2

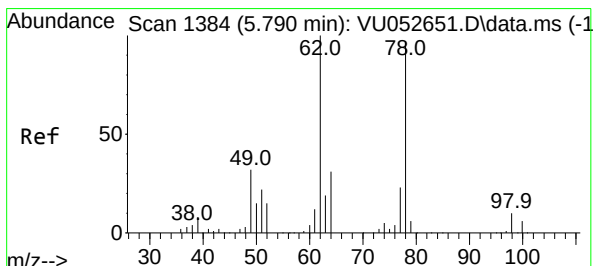
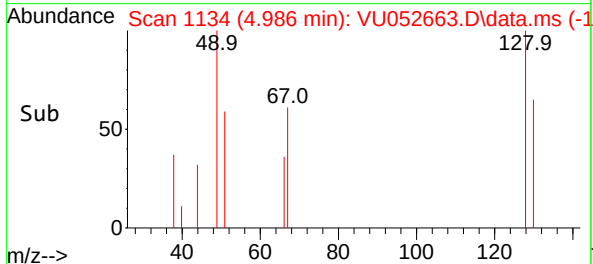
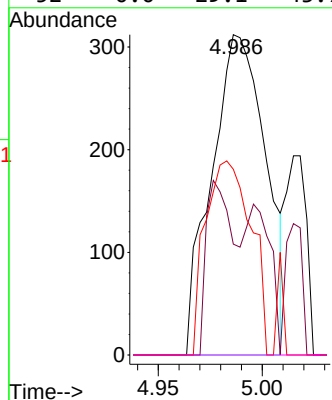
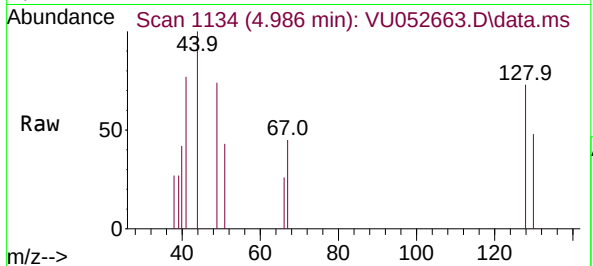




#41
Methacrylonitrile
Concen: 0.240 ug/l
RT: 4.986 min Scan# 1128
Delta R.T. 0.019 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

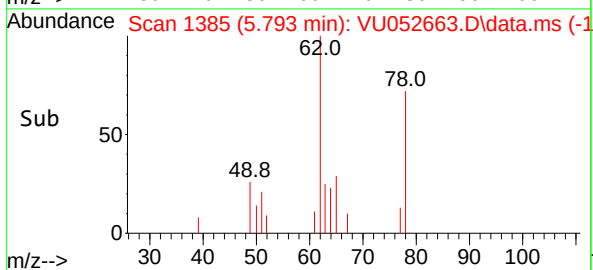
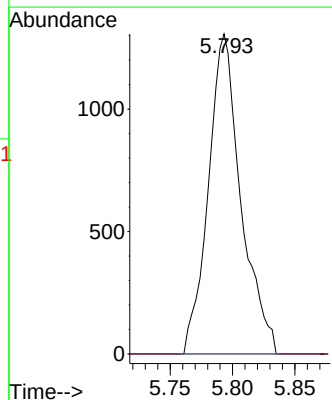
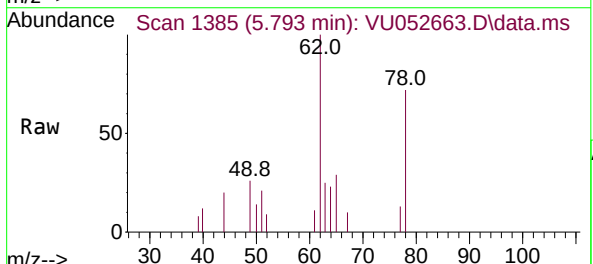
Instrument :
MSVOA_U
ClientSampleId :
MDL02

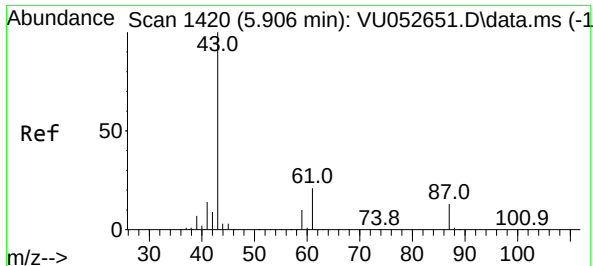
Tgt Ion: 41 Resp: 567
Ion Ratio Lower Upper
41 100
39 27.9 43.1 64.7#
67 50.8 72.3 108.5#
52 0.0 29.1 43.7#



#42
1,2-Dichloroethane
Concen: 0.563 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.003 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

Tgt Ion: 62 Resp: 2376
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.6

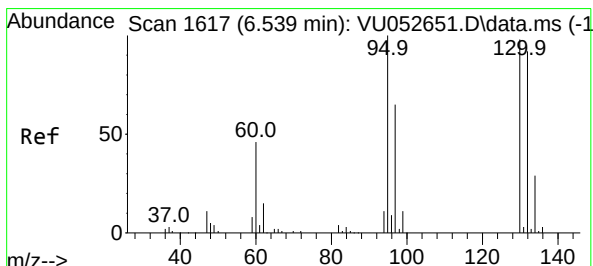
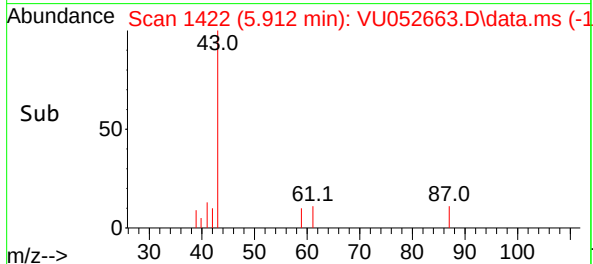
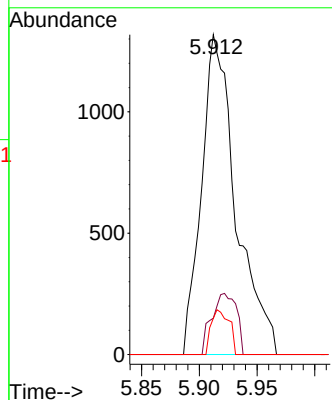
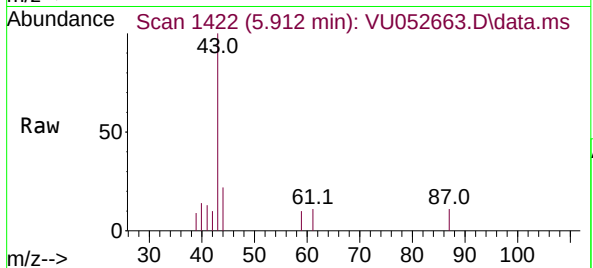




#43
Isopropyl Acetate
Concen: 0.414 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

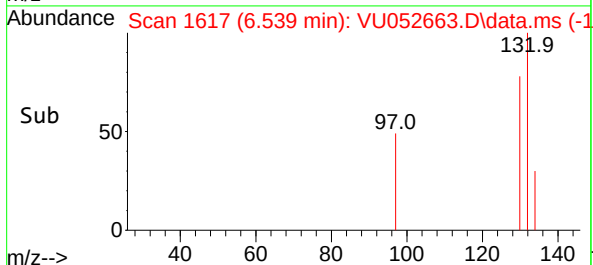
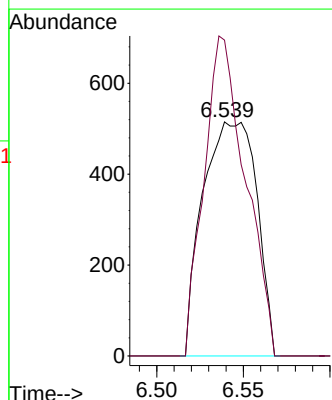
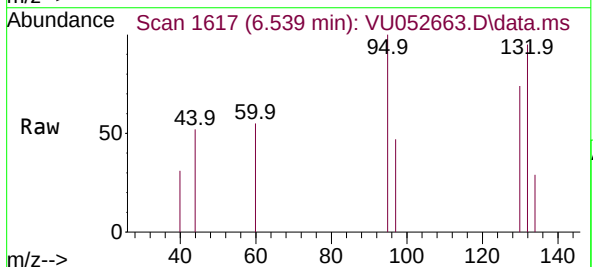
Instrument :
MSVOA_U
ClientSampleId :
MDL02

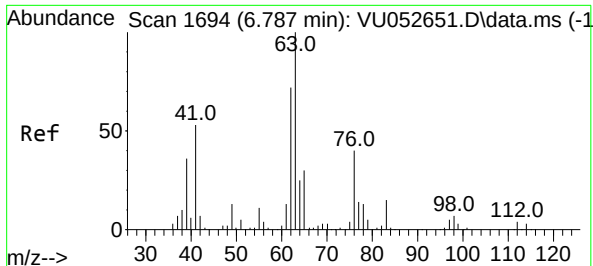
Tgt Ion: 43 Resp: 2732
Ion Ratio Lower Upper
43 100
61 13.7 17.4 26.0#
87 7.4 12.6 18.8#



#44
Trichloroethene
Concen: 0.402 ug/l
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

Tgt Ion:130 Resp: 1115
Ion Ratio Lower Upper
130 100
95 135.0 0.0 184.6





#45

1,2-Dichloropropane

Concen: 0.389 ug/l

RT: 6.790 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU052663.D

Acq: 12 Jan 2023 14:03

Instrument :

MSVOA_U

ClientSampleId :

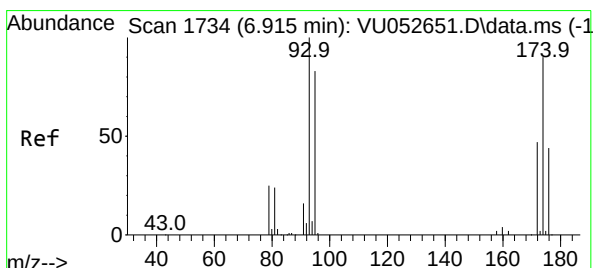
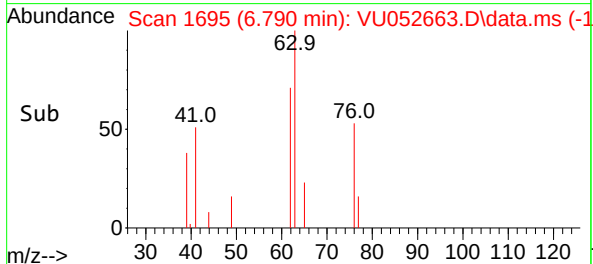
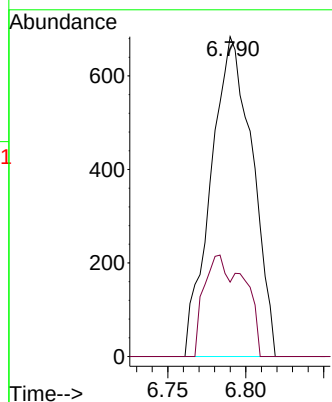
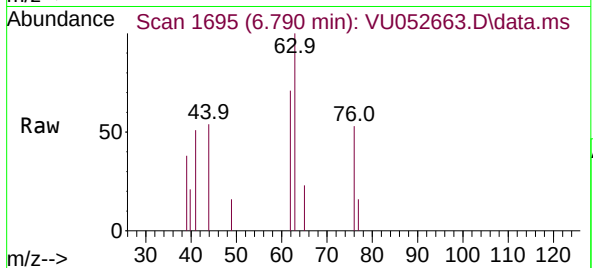
MDL02

Tgt Ion: 63 Resp: 1263

Ion Ratio Lower Upper

63 100

65 23.2 25.0 37.4#



#46

Dibromomethane

Concen: 0.413 ug/l

RT: 6.915 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VU052663.D

Acq: 12 Jan 2023 14:03

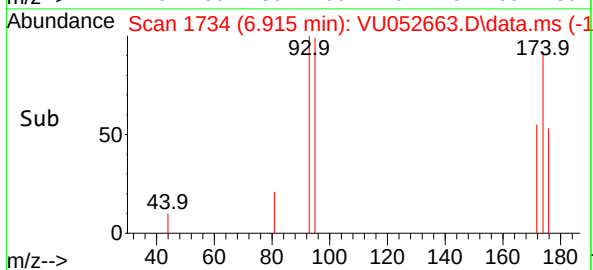
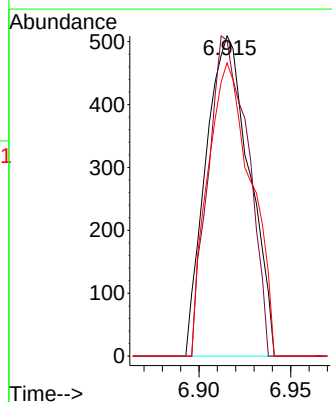
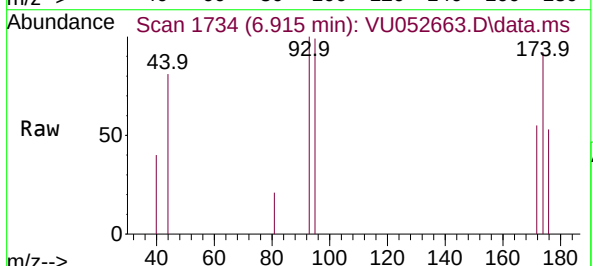
Tgt Ion: 93 Resp: 842

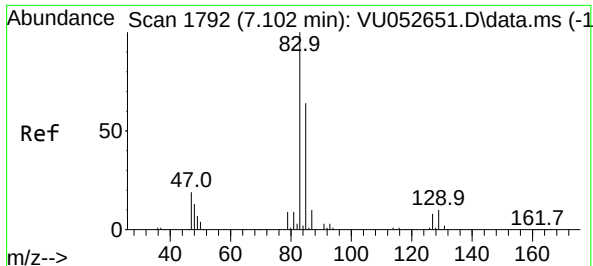
Ion Ratio Lower Upper

93 100

95 90.6 66.3 99.5

174 91.2 88.2 132.4





#47

Bromodichloromethane

Concen: 0.477 ug/l

RT: 7.099 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU052663.D

Acq: 12 Jan 2023 14:03

Instrument :

MSVOA_U

ClientSampleId :

MDL02

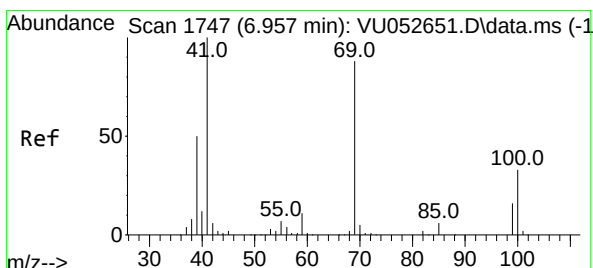
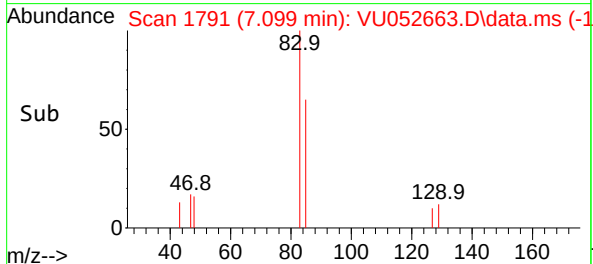
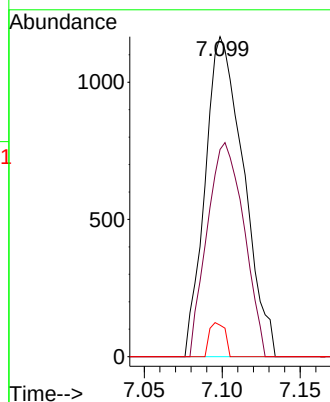
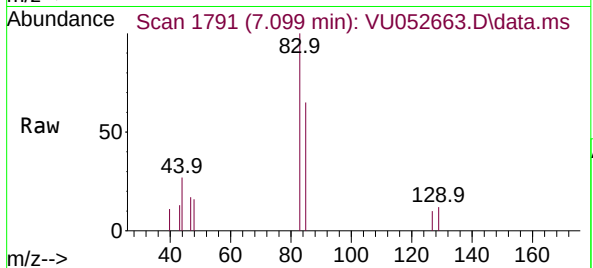
Tgt Ion: 83 Resp: 1997

Ion Ratio Lower Upper

83 100

85 64.8 51.4 77.2

127 9.9 7.1 10.7



#48

Methyl methacrylate

Concen: 0.296 ug/l

RT: 6.960 min Scan# 1748

Delta R.T. 0.003 min

Lab File: VU052663.D

Acq: 12 Jan 2023 14:03

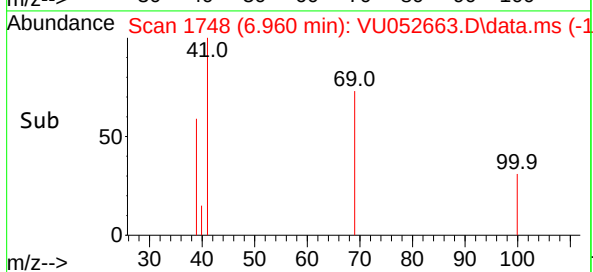
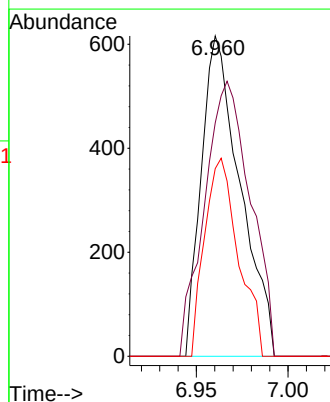
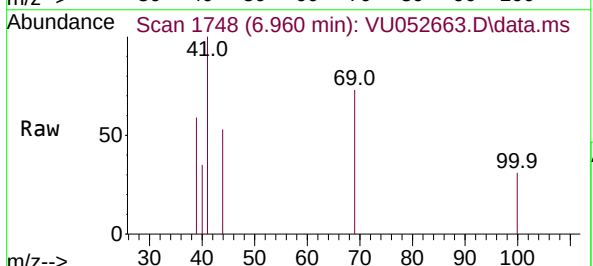
Tgt Ion: 41 Resp: 908

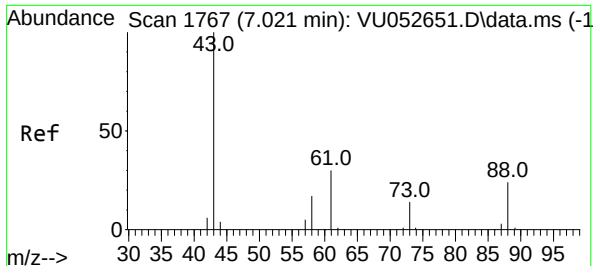
Ion Ratio Lower Upper

41 100

69 101.2 79.8 119.6

39 53.7 47.9 71.9





#49

1,4-Dioxane

Concen: 5.147 ug/l

RT: 7.034 min Scan# 1

Delta R.T. 0.013 min

Lab File: VU052663.D

Acq: 12 Jan 2023 14:03

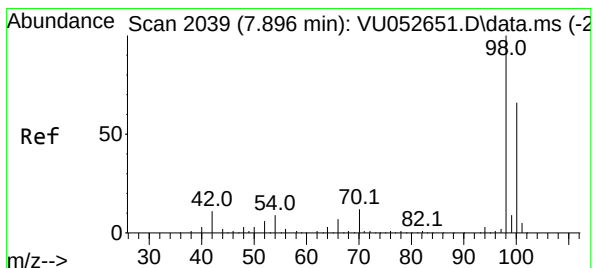
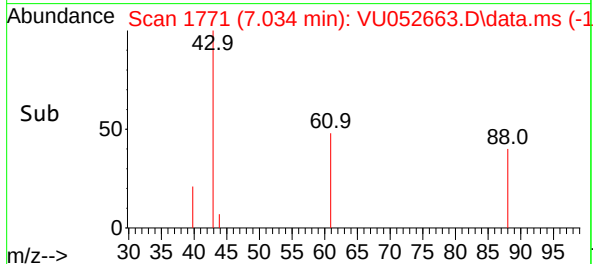
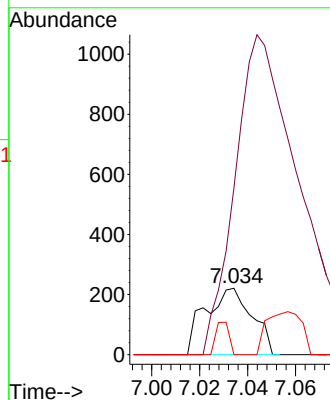
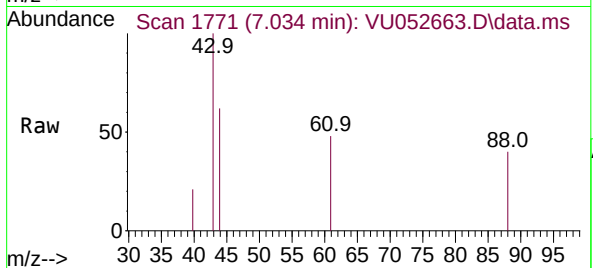
Instrument :

MSVOA_U

ClientSampleId :

MDL02

Tgt Ion: 88	Resp:	300
Ion	Ratio	Lower Upper
88	100	
43	0.0	0.0 0.0
58	13.7	15.4 23.0



#50

Toluene-d8

Concen: 48.115 ug/l

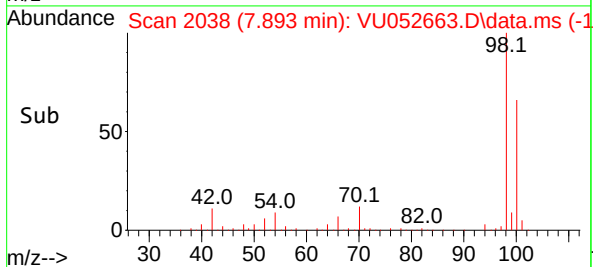
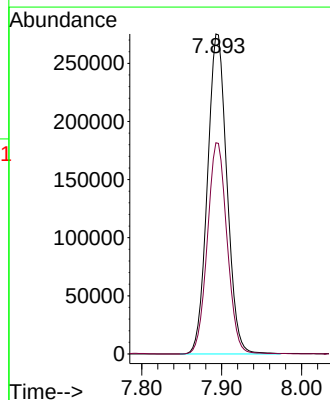
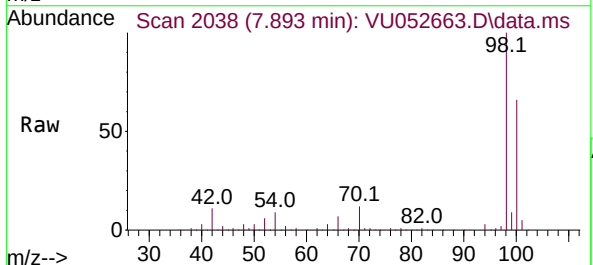
RT: 7.893 min Scan# 2038

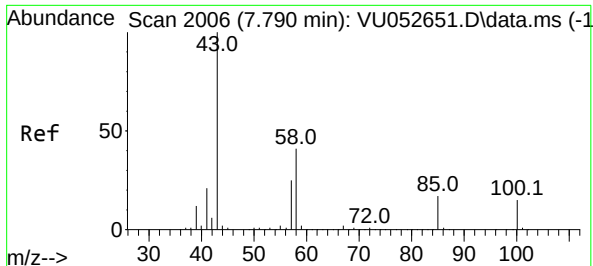
Delta R.T. -0.003 min

Lab File: VU052663.D

Acq: 12 Jan 2023 14:03

Tgt Ion: 98	Resp:	466284
Ion	Ratio	Lower Upper
98	100	
100	66.6	51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 1.768 ug/l

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU052663.D

Acq: 12 Jan 2023 14:03

Instrument :

MSVOA_U

ClientSampleId :

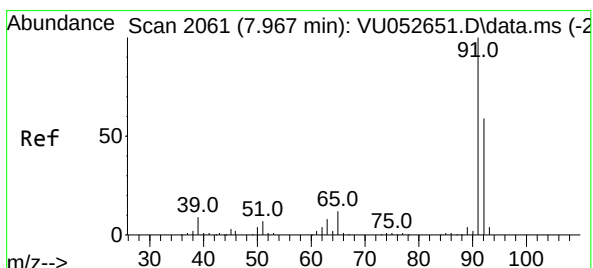
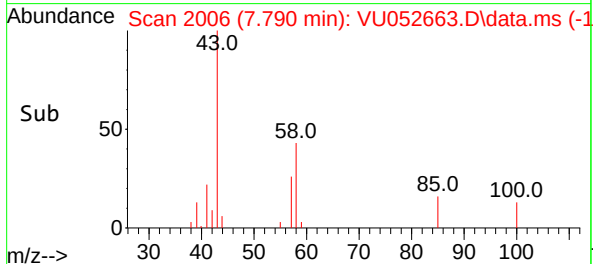
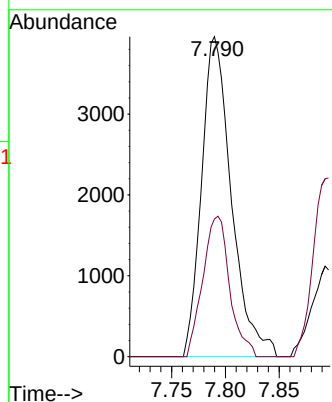
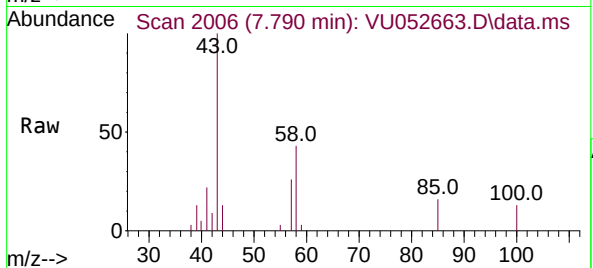
MDL02

Tgt Ion: 43 Resp: 7634

Ion Ratio Lower Upper

43 100

58 39.5 34.7 52.1



#52

Toluene

Concen: 0.475 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU052663.D

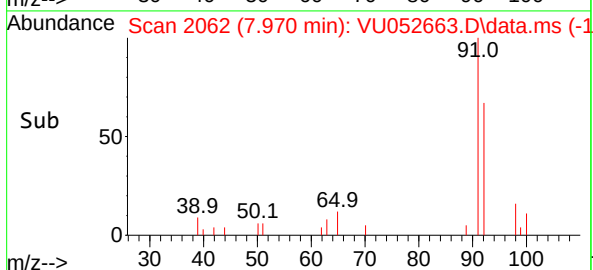
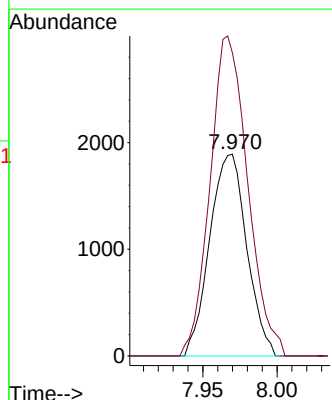
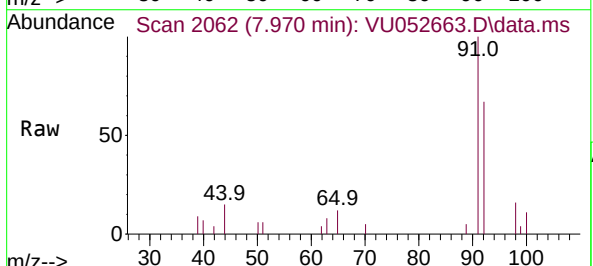
Acq: 12 Jan 2023 14:03

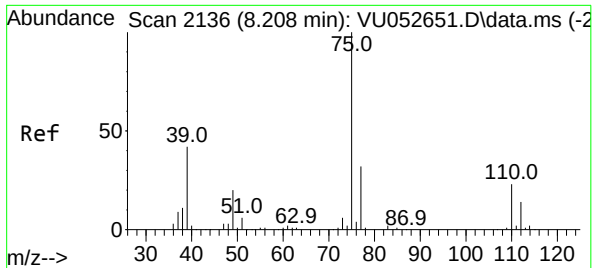
Tgt Ion: 92 Resp: 3279

Ion Ratio Lower Upper

92 100

91 161.3 138.2 207.4

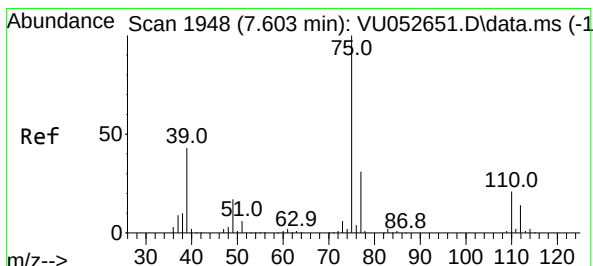
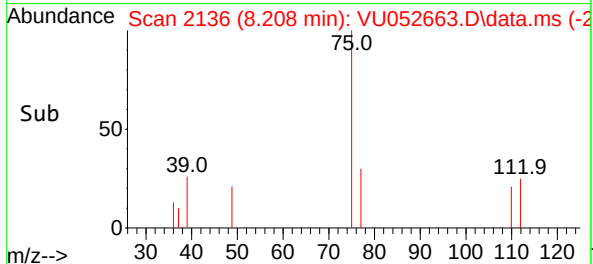
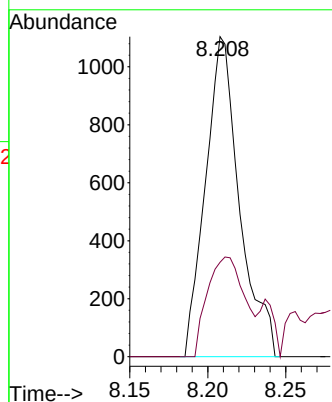
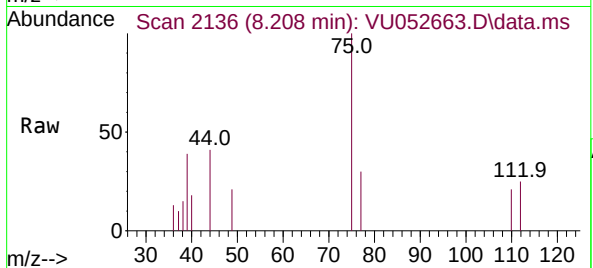




#53
t-1,3-Dichloropropene
Concen: 0.379 ug/l
RT: 8.208 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

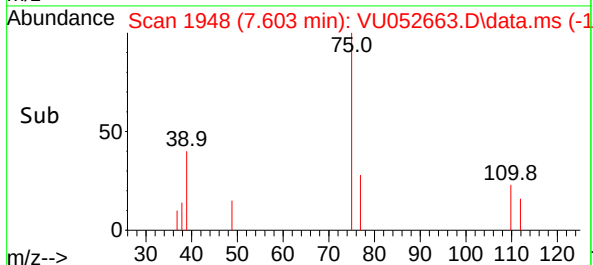
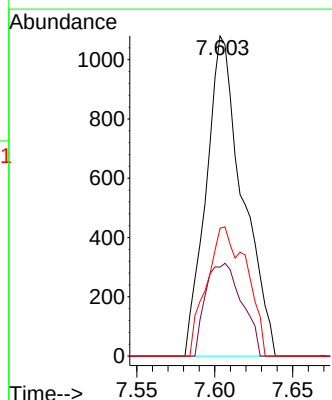
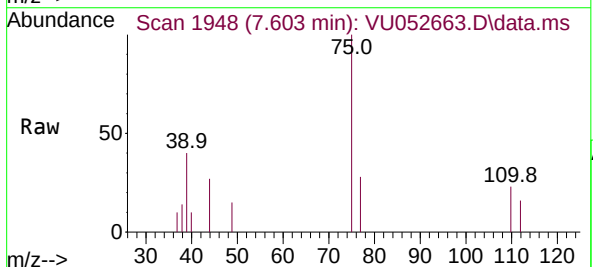
Instrument :
MSVOA_U
ClientSampleId :
MDL02

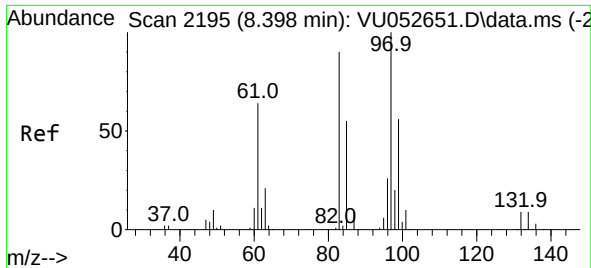
Tgt Ion: 75 Resp: 1673
Ion Ratio Lower Upper
75 100
77 29.5 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 0.365 ug/l
RT: 7.603 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

Tgt Ion: 75 Resp: 1754
Ion Ratio Lower Upper
75 100
77 27.8 25.7 38.5
39 39.9 33.0 49.6

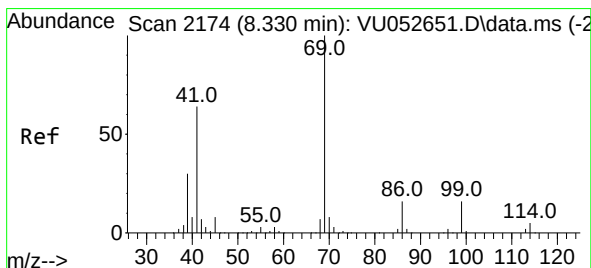
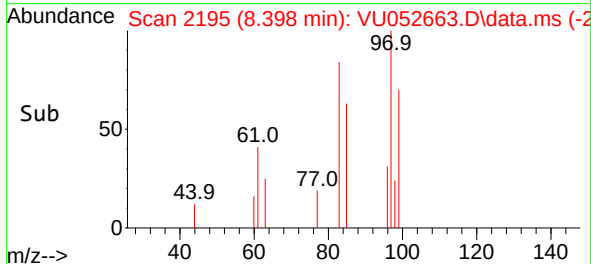
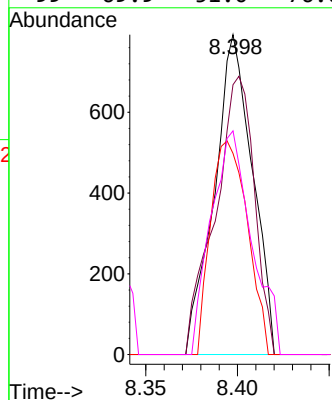
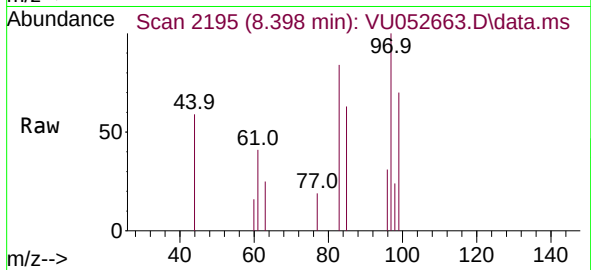




#55
1,1,2-Trichloroethane
Concen: 0.402 ug/l
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

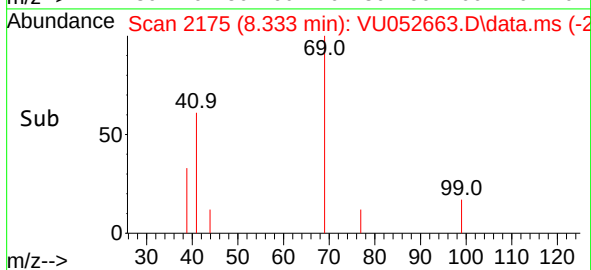
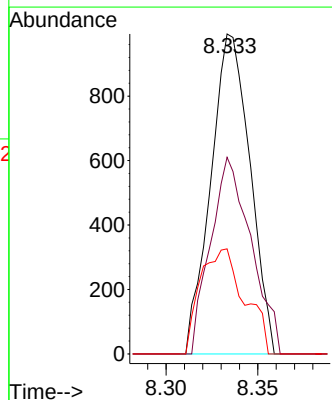
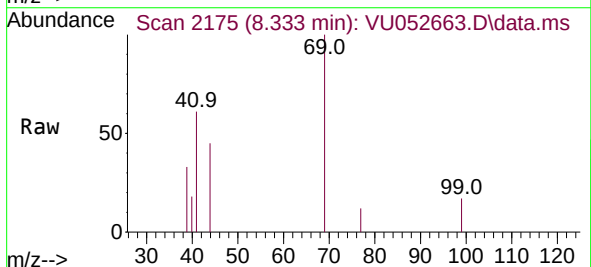
Instrument :
MSVOA_U
ClientSampleId :
MDL02

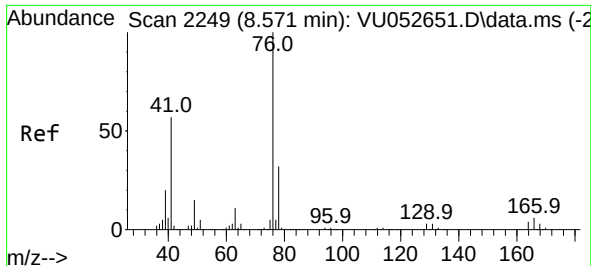
Tgt Ion: 97	Resp:	1146	
Ion	Ratio	Lower	Upper
97	100		
83	84.3	70.2	105.4
85	62.9	44.6	66.8
99	69.9	51.0	76.6



#56
Ethyl methacrylate
Concen: 0.352 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. 0.003 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

Tgt Ion: 69	Resp:	1477	
Ion	Ratio	Lower	Upper
69	100		
41	63.4	45.4	68.0
39	37.0	25.7	38.5

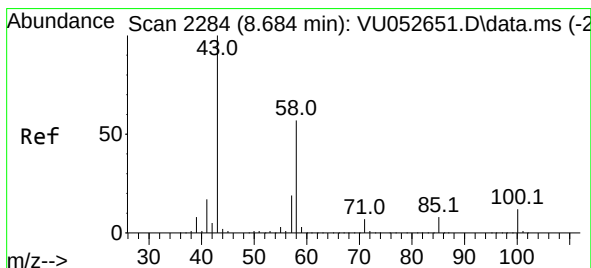
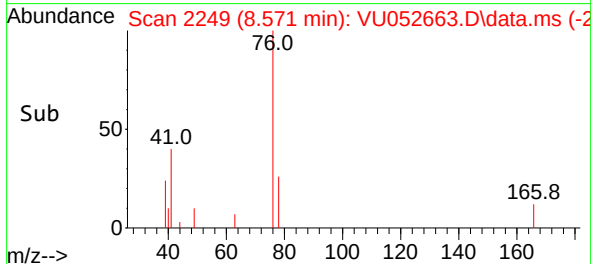
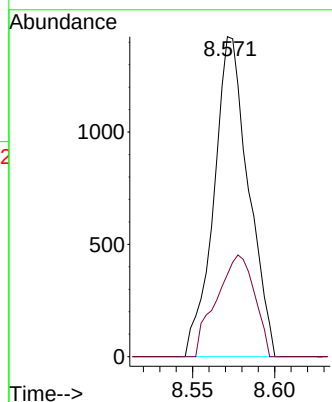
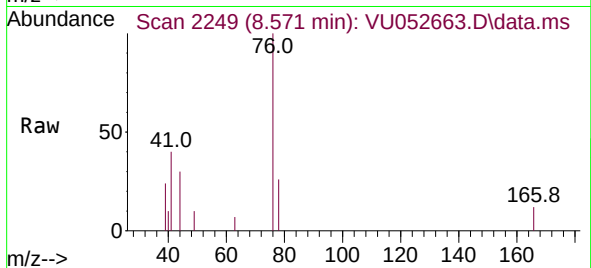




#57
1,3-Dichloropropane
Concen: 0.410 ug/l
RT: 8.571 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

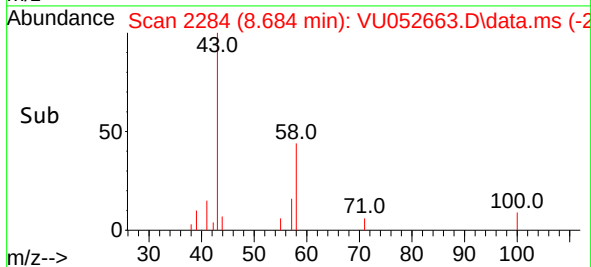
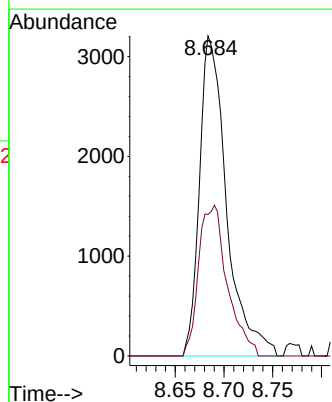
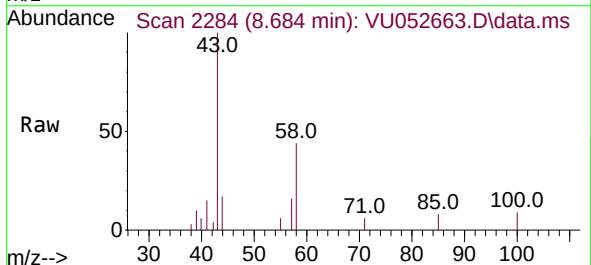
Instrument :
MSVOA_U
ClientSampleId :
MDL02

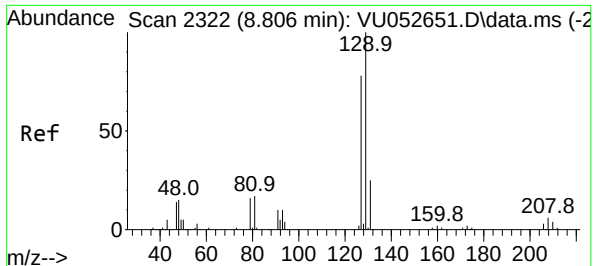
Tgt Ion: 76 Resp: 2084
Ion Ratio Lower Upper
76 100
78 34.9 26.1 39.1



#59
2-Hexanone
Concen: 1.873 ug/l
RT: 8.684 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

Tgt Ion: 43 Resp: 6181
Ion Ratio Lower Upper
43 100
58 49.8 30.3 90.8

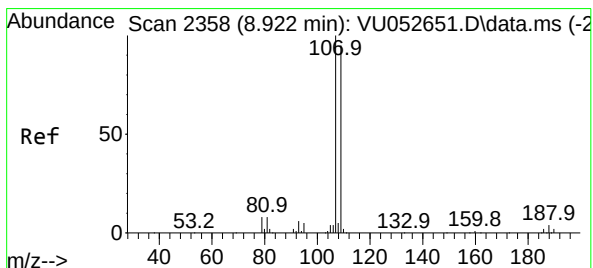
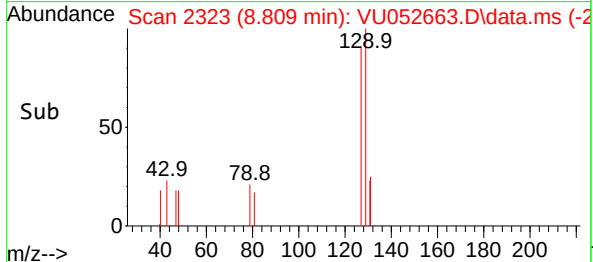
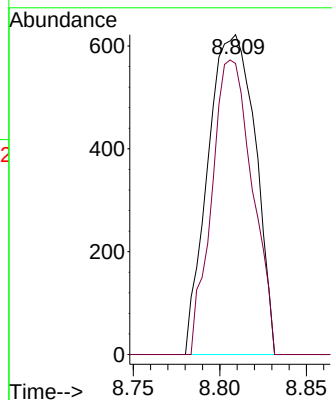
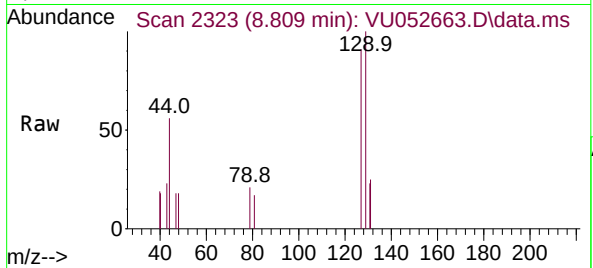




#60
Dibromochloromethane
Concen: 0.400 ug/l
RT: 8.809 min Scan# 2118
Delta R.T. 0.003 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

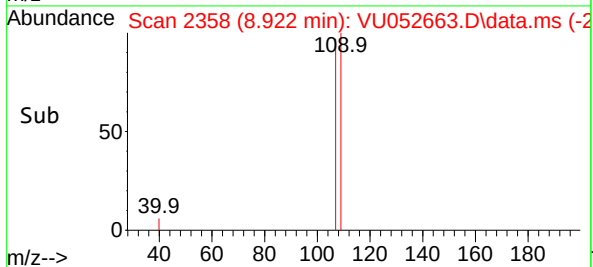
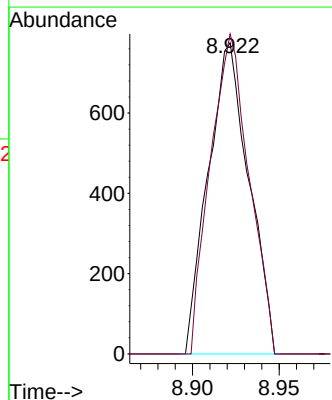
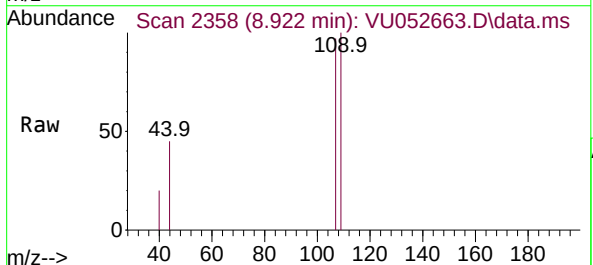
Instrument :
MSVOA_U
ClientSampleId :
MDL02

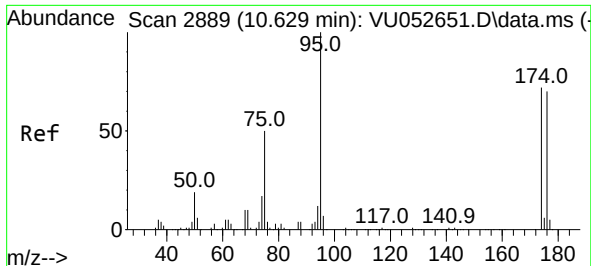
Tgt Ion:129 Resp: 1183
Ion Ratio Lower Upper
129 100
127 79.1 38.6 116.0



#61
1,2-Dibromoethane
Concen: 0.439 ug/l
RT: 8.922 min Scan# 2358
Delta R.T. -0.000 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

Tgt Ion:107 Resp: 1267
Ion Ratio Lower Upper
107 100
109 98.4 75.1 112.7

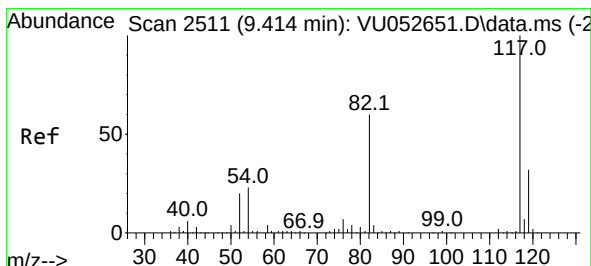
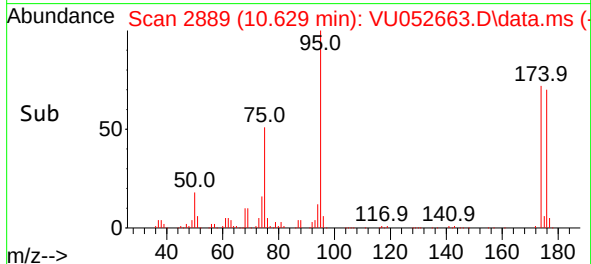
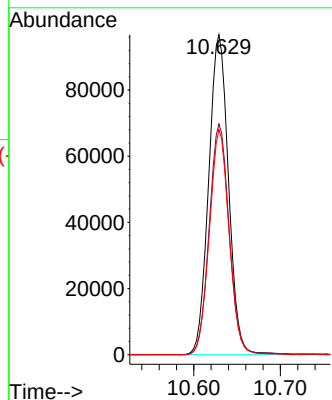
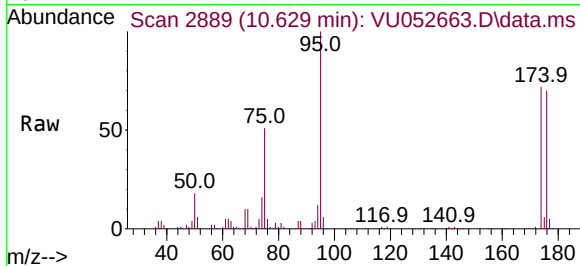




#62
4-Bromofluorobenzene
Concen: 43.731 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. -0.000 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

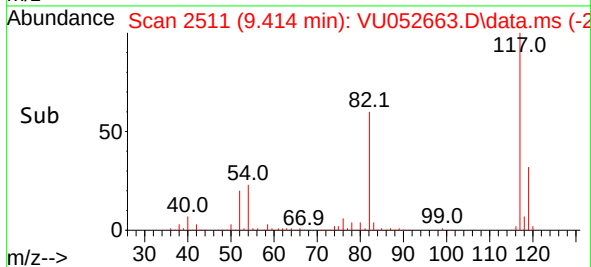
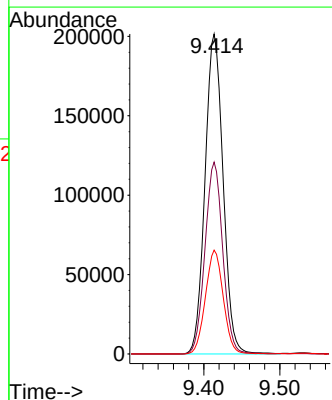
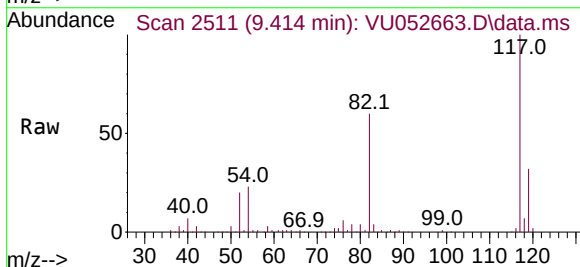
Instrument :
MSVOA_U
ClientSampleId :
MDL02

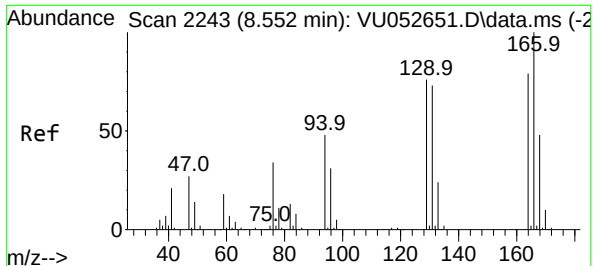
Tgt Ion: 95 Resp: 153589
Ion Ratio Lower Upper
95 100
174 72.3 0.0 182.0
176 70.3 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

Tgt Ion: 117 Resp: 333272
Ion Ratio Lower Upper
117 100
82 60.0 41.7 62.5
119 32.5 25.7 38.5





#64

Tetrachloroethene

Concen: 0.371 ug/l

RT: 8.552 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU052663.D

Acq: 12 Jan 2023 14:03

Instrument :

MSVOA_U

ClientSampleId :

MDL02

Tgt Ion:164 Resp: 803

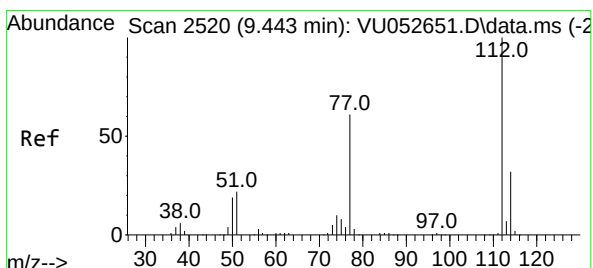
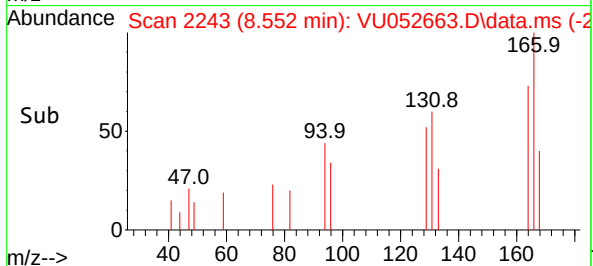
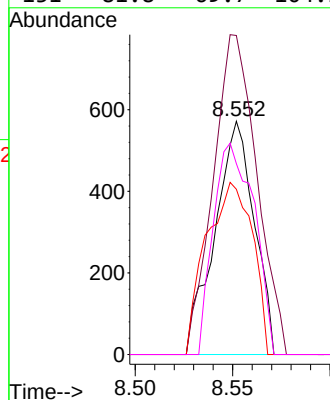
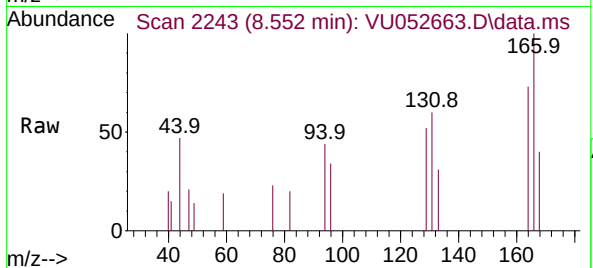
Ion Ratio Lower Upper

164 100

166 136.7 100.0 150.0

129 70.8 72.0 108.0#

131 81.8 69.7 104.5



#65

Chlorobenzene

Concen: 0.418 ug/l

RT: 9.443 min Scan# 2520

Delta R.T. -0.000 min

Lab File: VU052663.D

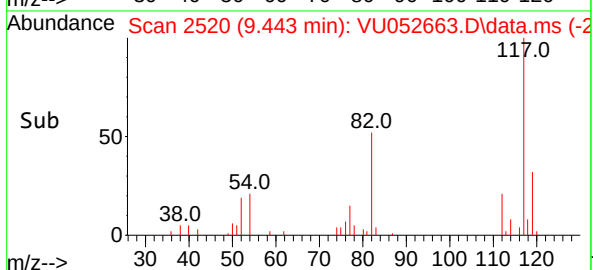
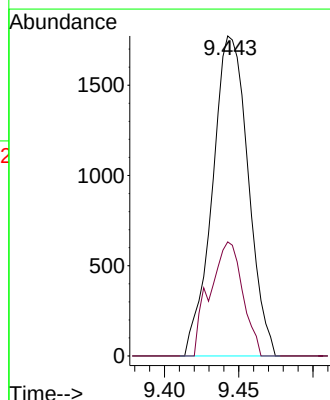
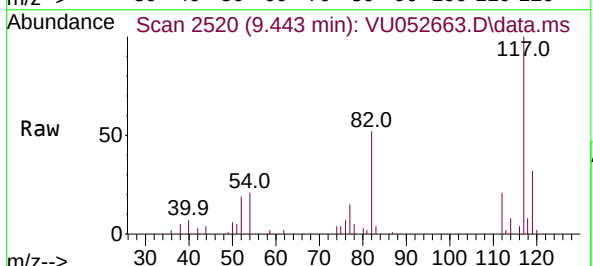
Acq: 12 Jan 2023 14:03

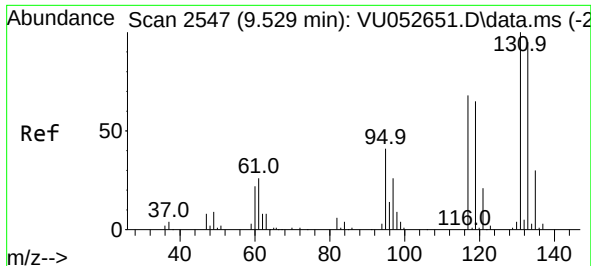
Tgt Ion:112 Resp: 2965

Ion Ratio Lower Upper

112 100

114 35.6 24.9 37.3

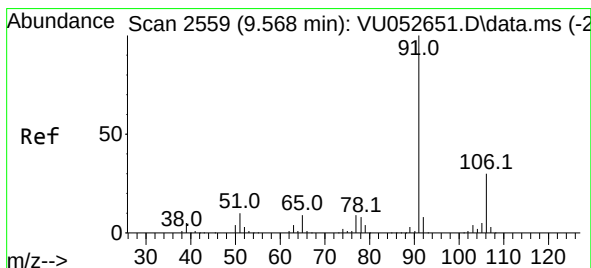
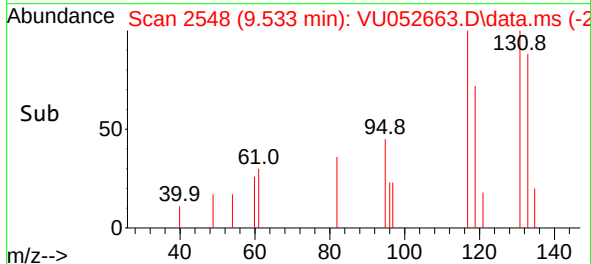
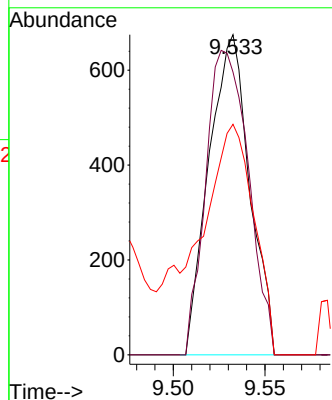
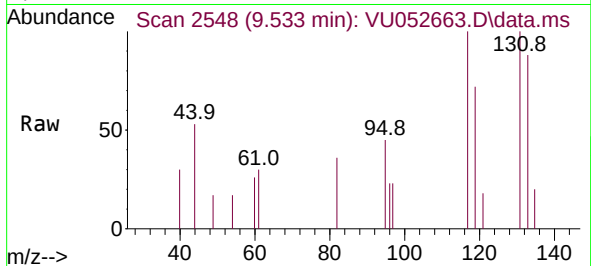




#66
1,1,1,2-Tetrachloroethane
Concen: 0.406 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. 0.004 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

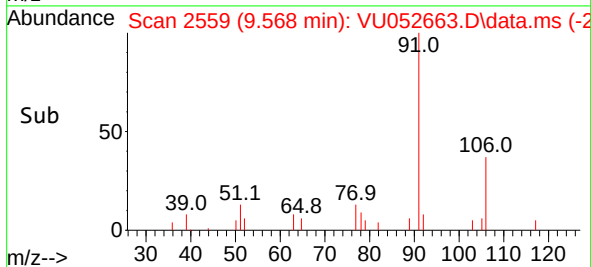
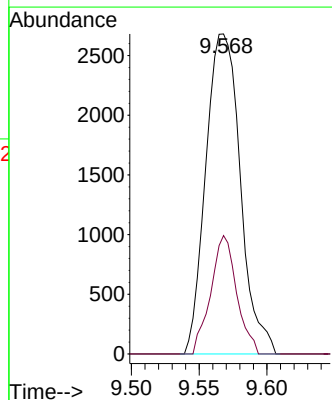
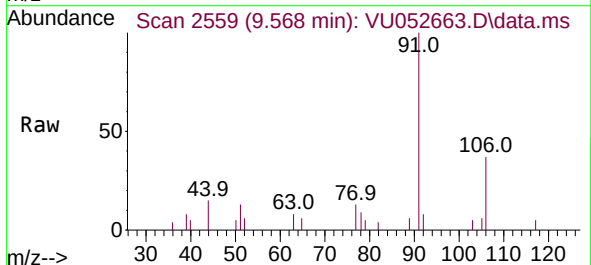
Instrument :
MSVOA_U
ClientSampleId :
MDL02

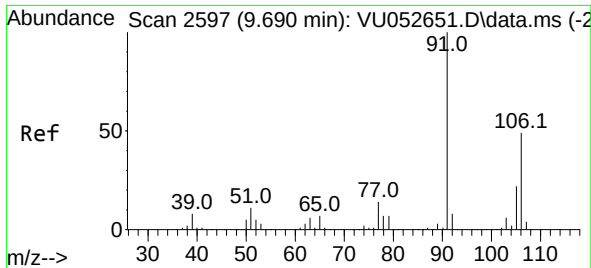
Tgt Ion:131 Resp: 1041
Ion Ratio Lower Upper
131 100
133 99.8 48.4 145.0
119 0.0 33.9 101.6#



#67
Ethyl Benzene
Concen: 0.386 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

Tgt Ion: 91 Resp: 4755
Ion Ratio Lower Upper
91 100
106 37.0 25.6 38.4

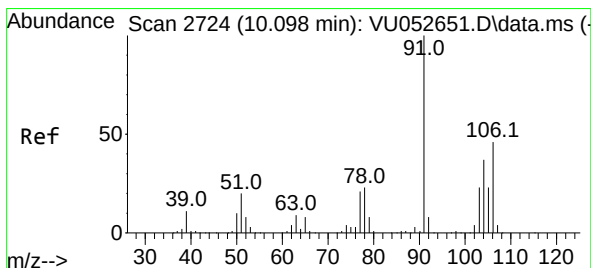
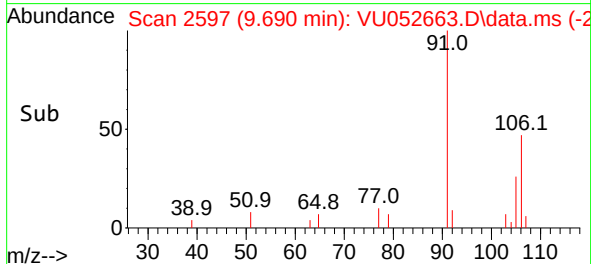
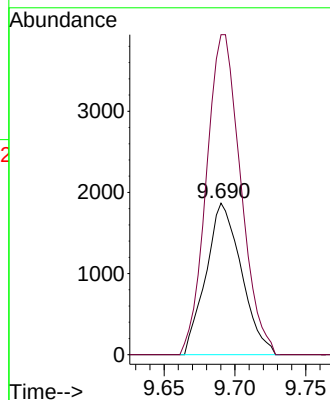
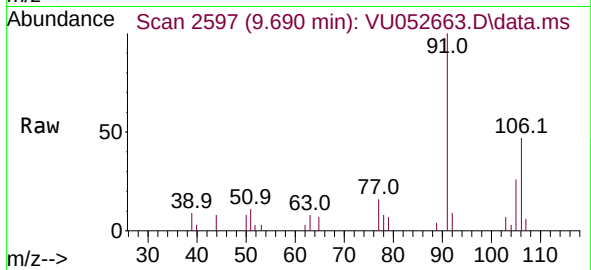




#68
m/p-Xylenes
Concen: 0.700 ug/l
RT: 9.690 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

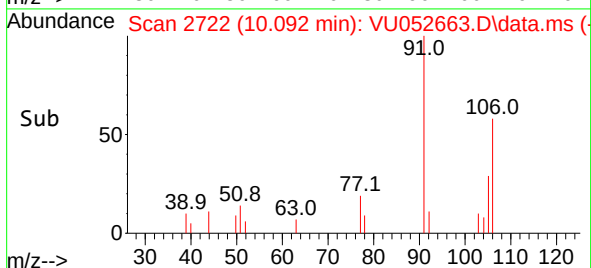
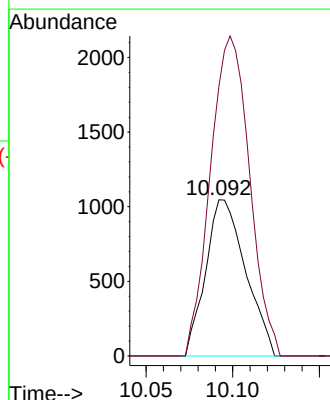
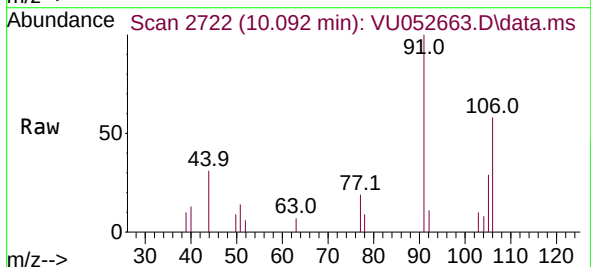
Instrument :
MSVOA_U
ClientSampleId :
MDL02

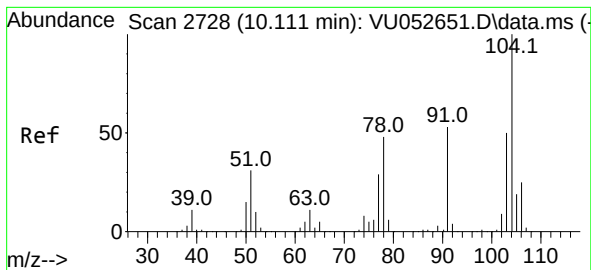
Tgt Ion:106 Resp: 3244
Ion Ratio Lower Upper
106 100
91 204.8 157.2 235.8



#69
o-Xylene
Concen: 0.379 ug/l
RT: 10.092 min Scan# 2722
Delta R.T. -0.006 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

Tgt Ion:106 Resp: 1675
Ion Ratio Lower Upper
106 100
91 201.6 103.5 310.5





#70

Styrene

Concen: 0.317 ug/l

RT: 10.111 min Scan# 2728

Delta R.T. 0.000 min

Lab File: VU052663.D

Acq: 12 Jan 2023 14:03

Instrument :

MSVOA_U

ClientSampleId :

MDL02

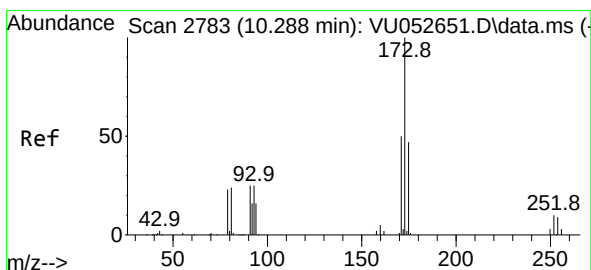
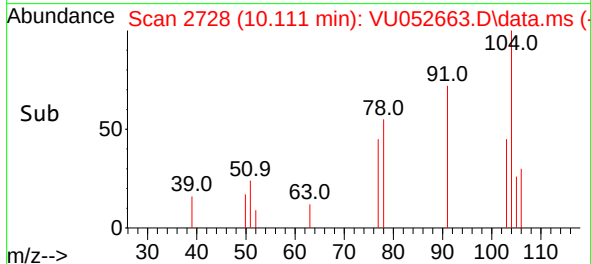
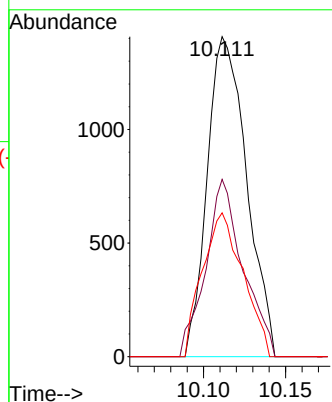
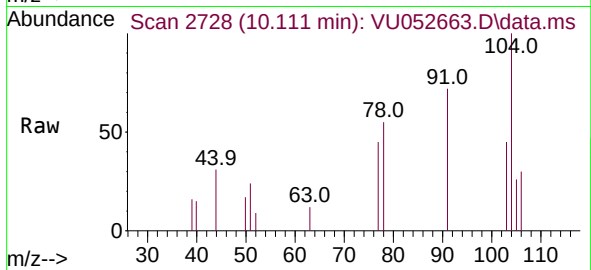
Tgt Ion:104 Resp: 2348

Ion Ratio Lower Upper

104 100

78 52.4 38.0 57.0

103 46.5 43.9 65.9



#71

Bromoform

Concen: 0.341 ug/l

RT: 10.282 min Scan# 2781

Delta R.T. -0.006 min

Lab File: VU052663.D

Acq: 12 Jan 2023 14:03

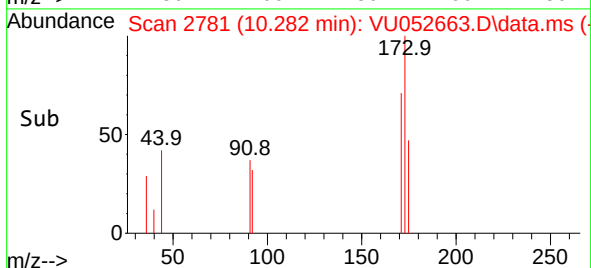
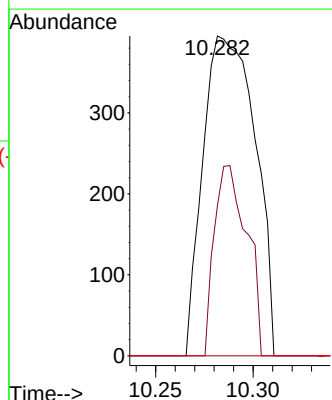
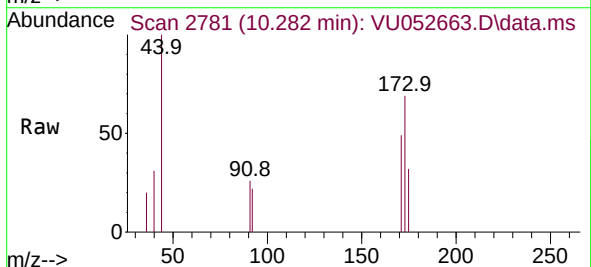
Tgt Ion:173 Resp: 735

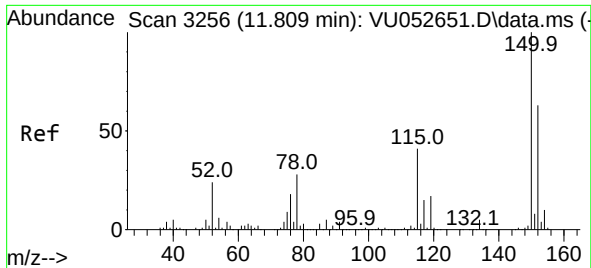
Ion Ratio Lower Upper

173 100

175 37.0 24.1 72.2

254 0.0 0.1 0.1#

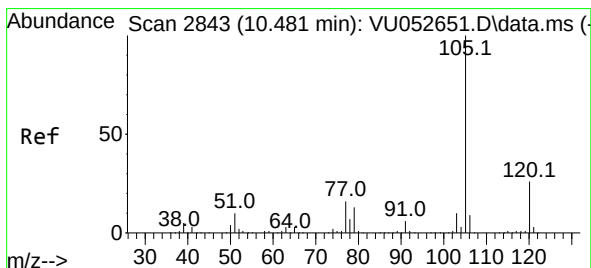
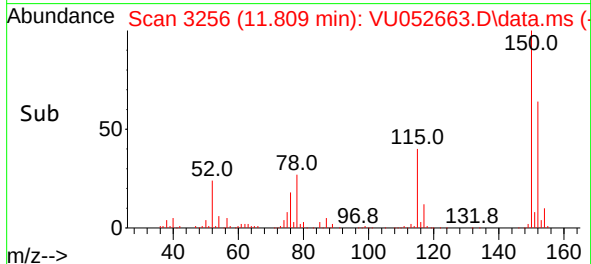
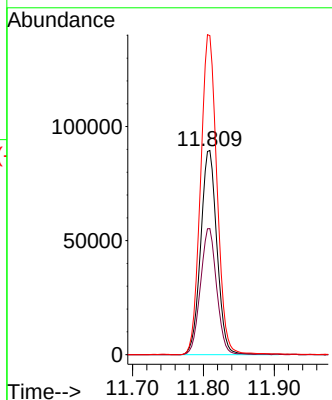
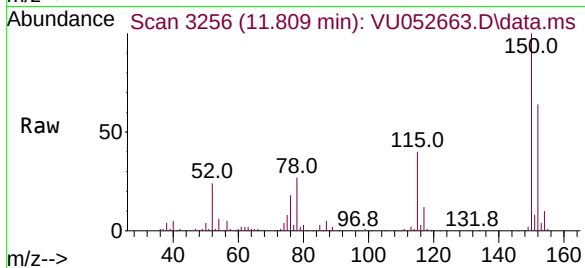




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.809 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

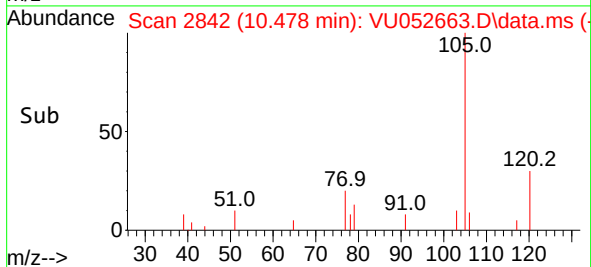
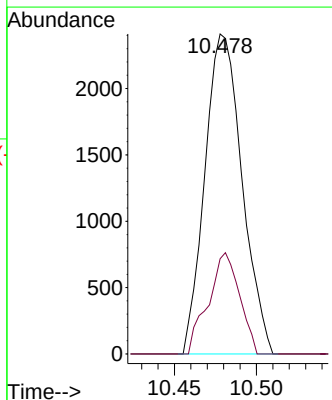
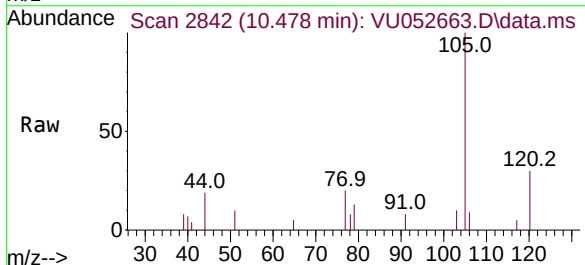
Instrument :
MSVOA_U
ClientSampleId :
MDL02

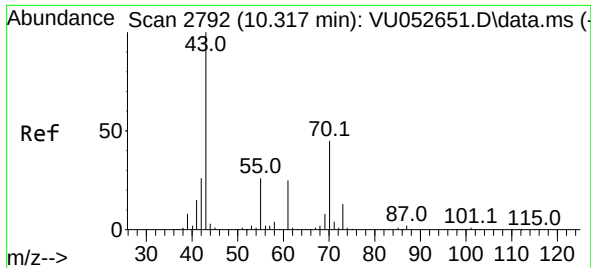
Tgt Ion:152 Resp: 142720
Ion Ratio Lower Upper
152 100
115 61.5 37.0 110.9
150 158.7 0.0 342.2



#73
Isopropylbenzene
Concen: 0.389 ug/l
RT: 10.478 min Scan# 2842
Delta R.T. -0.003 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

Tgt Ion:105 Resp: 3796
Ion Ratio Lower Upper
105 100
120 26.5 13.8 41.4



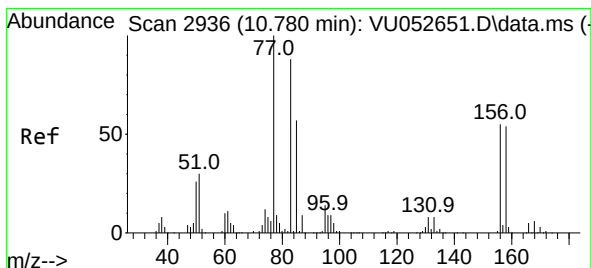
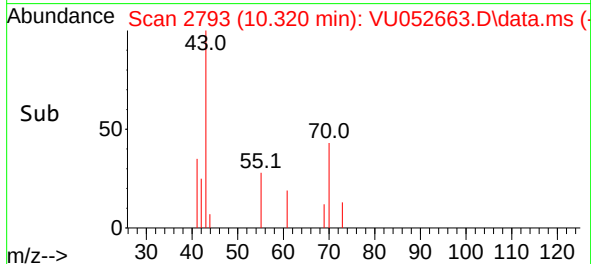
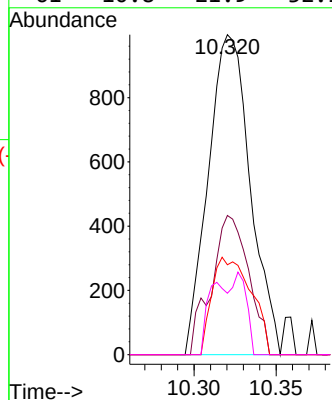
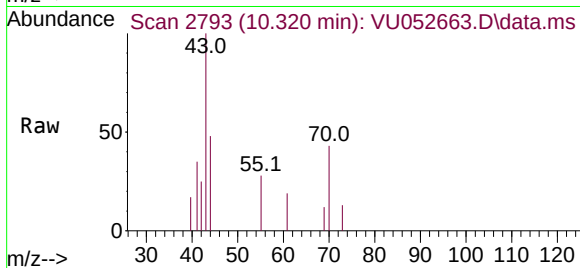


#74
N-amy1 acetate
Concen: 0.396 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. 0.003 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 43 Resp: 1770

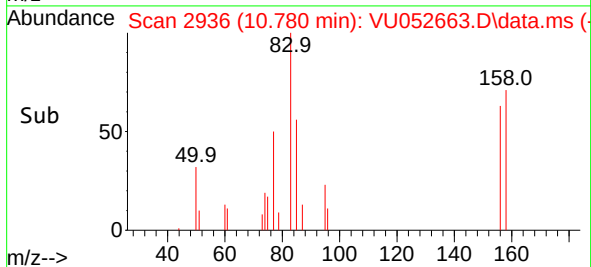
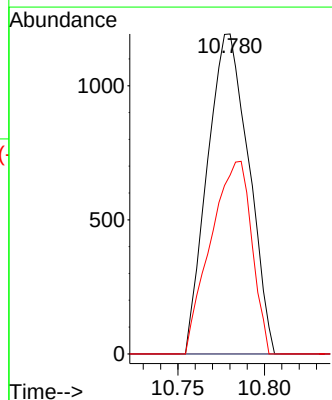
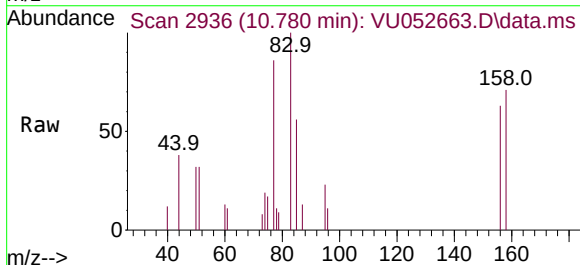
Ion	Ratio	Lower	Upper
43	100		
70	38.8	38.7	58.1
55	28.4	21.8	32.8
61	10.8	21.9	32.9

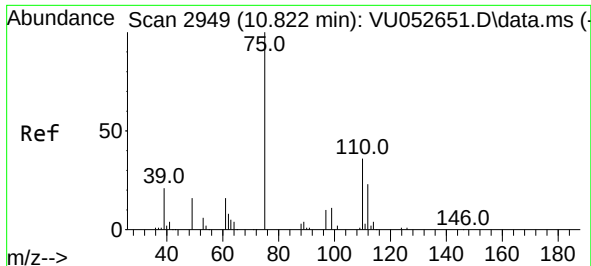


#75
1,1,2,2-Tetrachloroethane
Concen: 0.479 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

Tgt Ion: 83 Resp: 1974

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.4
85	59.8	32.2	96.6

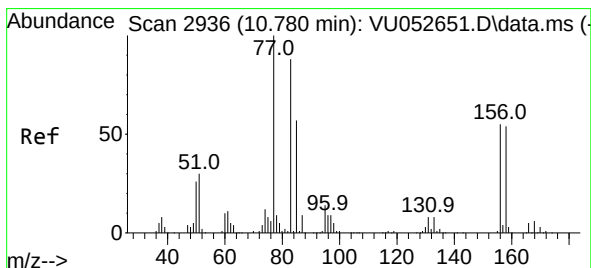
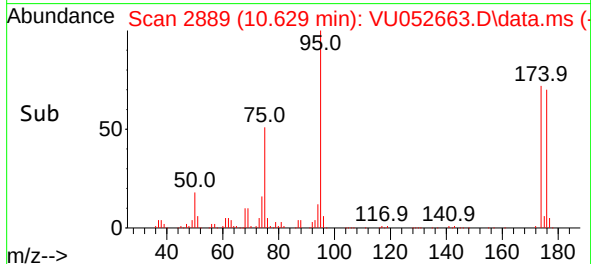
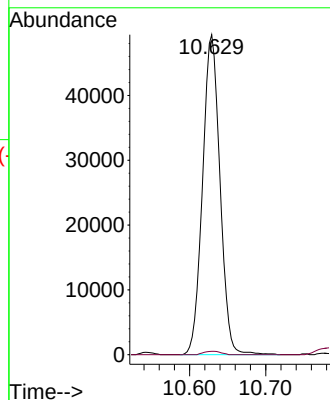
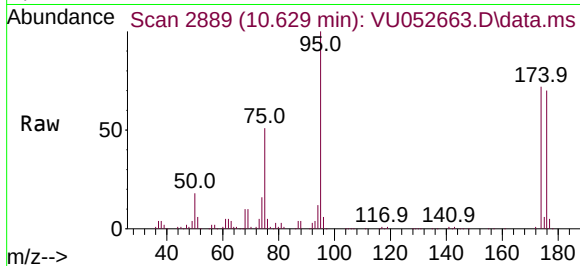




#76
1,2,3-Trichloropropane
Concen: 17.404 ug/l
RT: 10.629 min Scan# 21
Delta R.T. -0.193 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

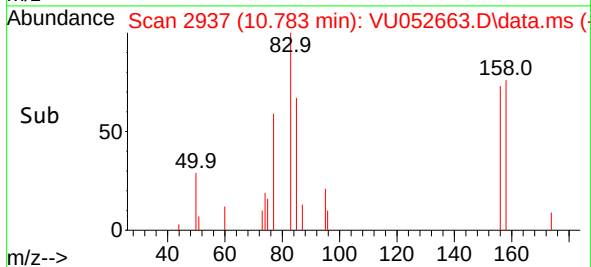
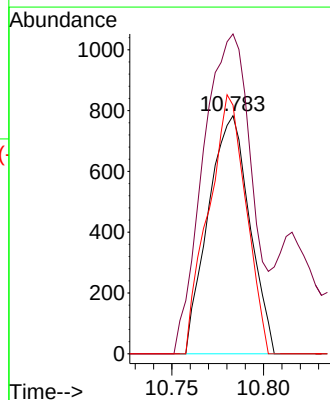
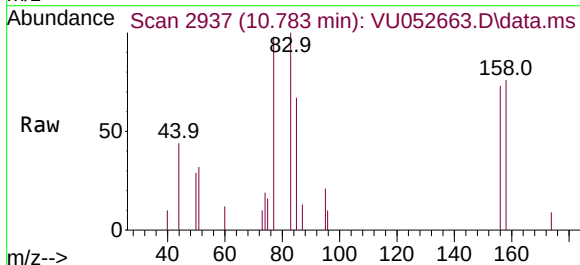
Instrument :
MSVOA_U
ClientSampleId :
MDL02

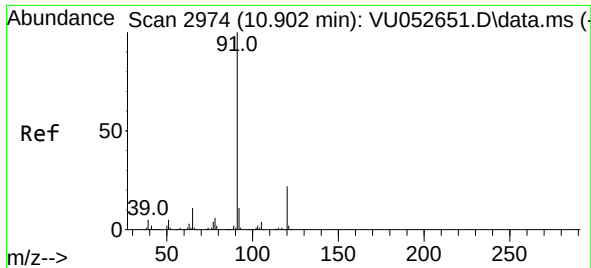
Tgt Ion: 75 Resp: 78667
Ion Ratio Lower Upper
75 100
77 1.0 15.8 47.3#



#77
Bromobenzene
Concen: 0.504 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

Tgt Ion:156 Resp: 1225
Ion Ratio Lower Upper
156 100
77 157.9 71.9 215.6
158 98.8 48.9 146.8

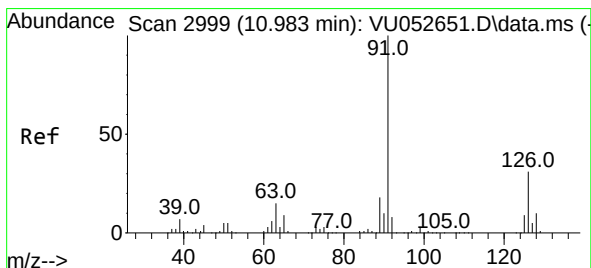
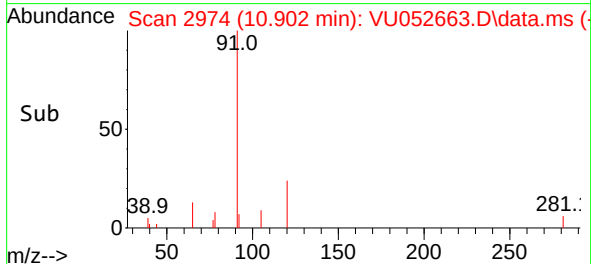
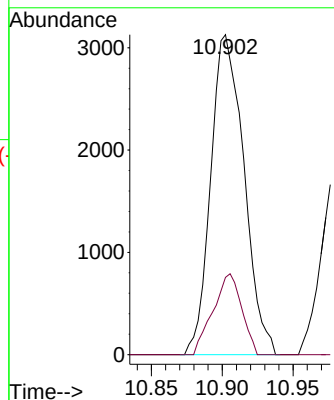
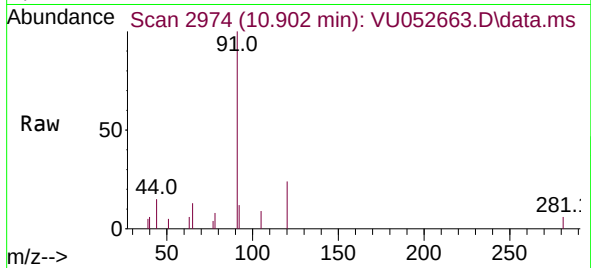




#78
n-propylbenzene
Concen: 0.429 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. 0.000 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

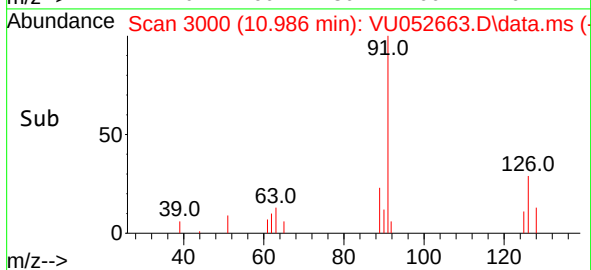
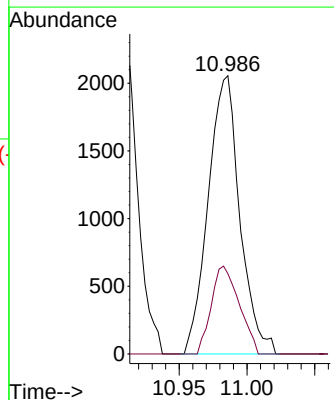
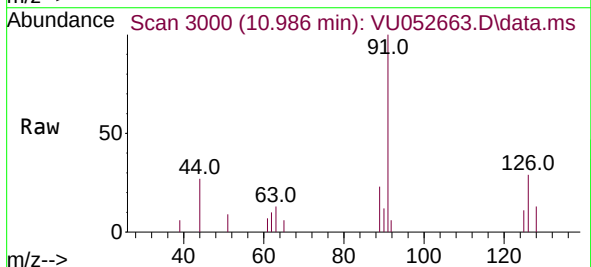
Instrument :
MSVOA_U
ClientSampleId :
MDL02

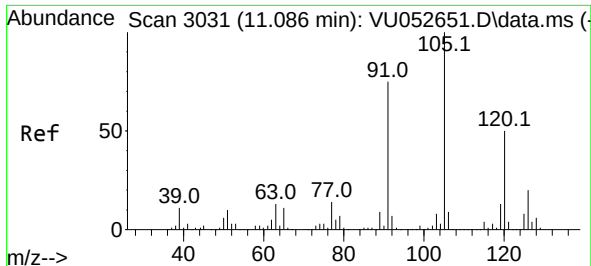
Tgt Ion: 91 Resp: 5097
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.5



#79
2-Chlorotoluene
Concen: 0.459 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.003 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

Tgt Ion: 91 Resp: 3338
Ion Ratio Lower Upper
91 100
126 27.7 18.4 55.0

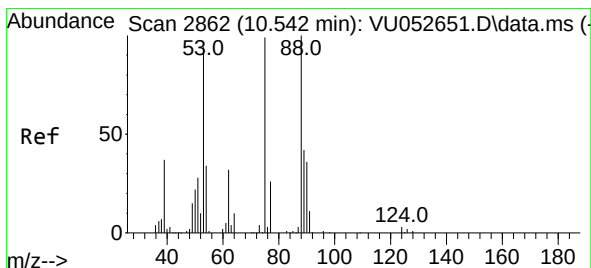
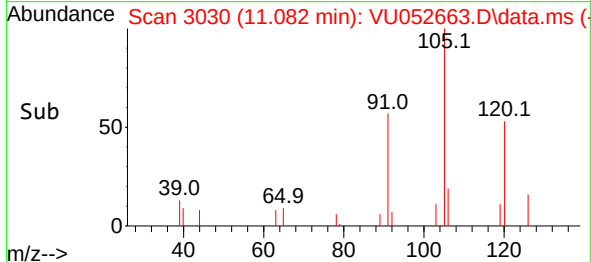
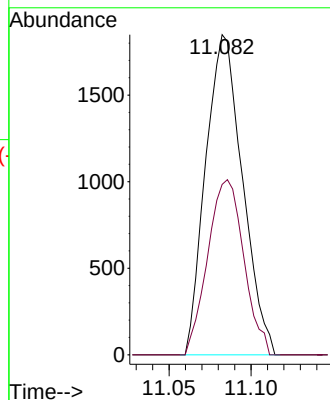
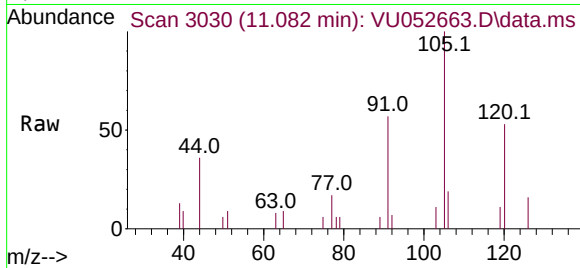




#80
1,3,5-Trimethylbenzene
Concen: 0.350 ug/l
RT: 11.082 min Scan# 3031
Delta R.T. -0.004 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

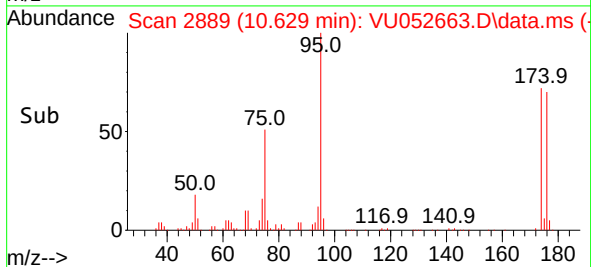
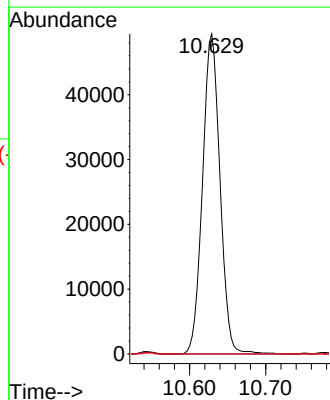
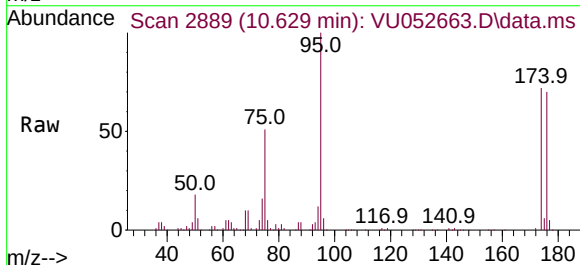
Instrument :
MSVOA_U
ClientSampleId :
MDL02

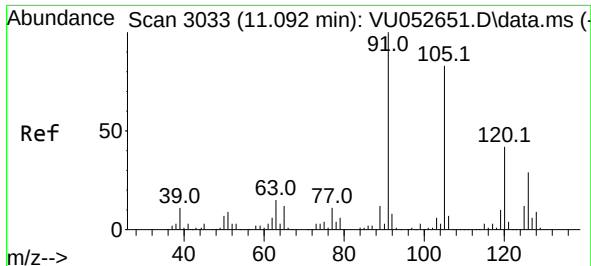
Tgt Ion:105 Resp: 2877
Ion Ratio Lower Upper
105 100
120 53.6 25.3 75.9



#81
trans-1,4-Dichloro-2-butene
Concen: 66.445 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.087 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

Tgt Ion: 75 Resp: 78667
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#





#82

4-Chlorotoluene

Concen: 0.445 ug/l

RT: 11.095 min Scan# 3033

Delta R.T. 0.003 min

Lab File: VU052663.D

Acq: 12 Jan 2023 14:03

Instrument :

MSVOA_U

ClientSampleId :

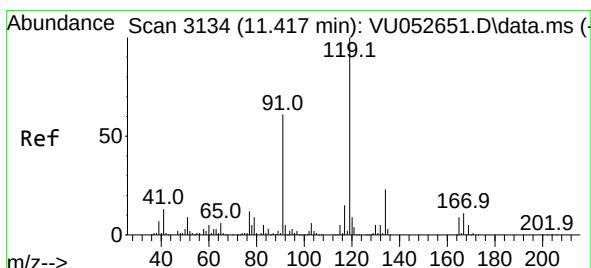
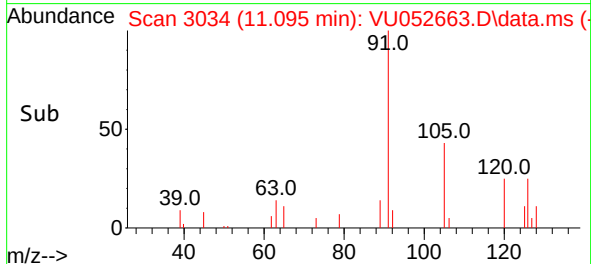
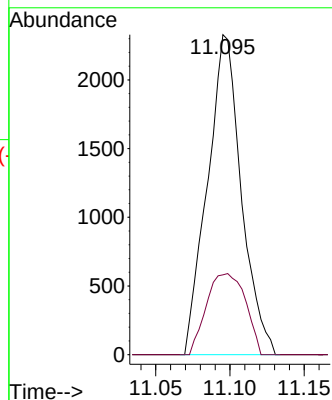
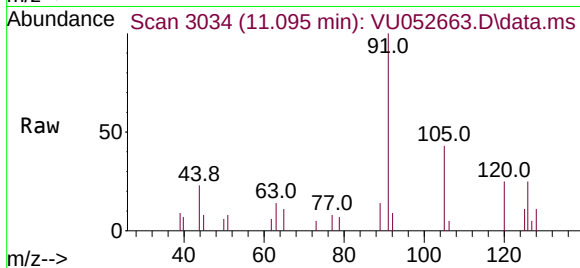
MDL02

Tgt Ion: 91 Resp: 3688

Ion Ratio Lower Upper

91 100

126 29.1 16.1 48.2



#83

tert-Butylbenzene

Concen: 0.438 ug/l

RT: 11.420 min Scan# 3135

Delta R.T. 0.003 min

Lab File: VU052663.D

Acq: 12 Jan 2023 14:03

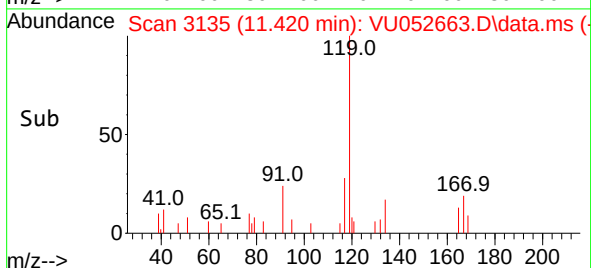
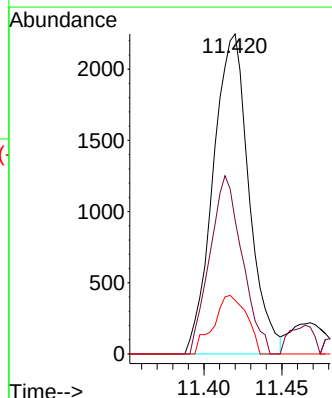
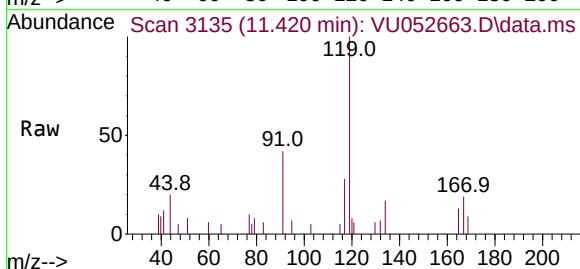
Tgt Ion: 119 Resp: 3589

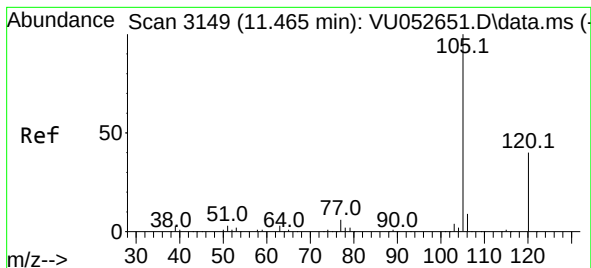
Ion Ratio Lower Upper

119 100

91 50.3 26.8 80.3

134 16.9 11.5 34.5





#84

1,2,4-Trimethylbenzene

Concen: 0.365 ug/l

RT: 11.465 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VU052663.D

Acq: 12 Jan 2023 14:03

Instrument :

MSVOA_U

ClientSampleId :

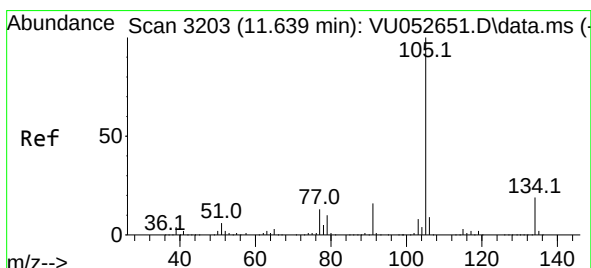
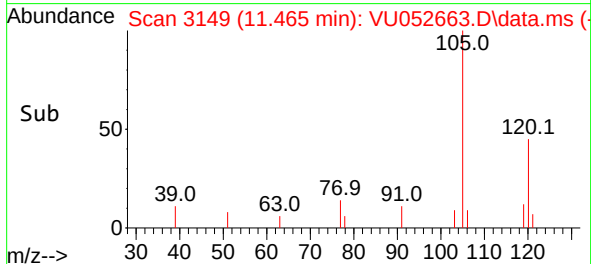
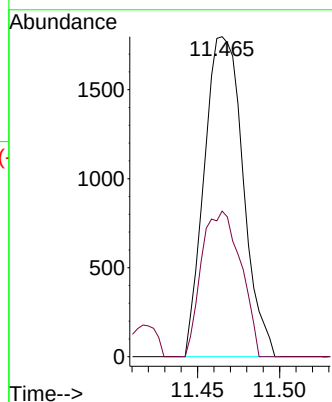
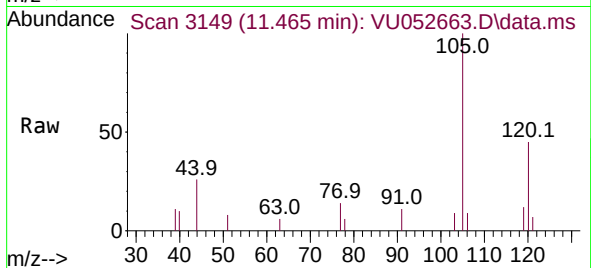
MDL02

Tgt Ion:105 Resp: 2955

Ion Ratio Lower Upper

105 100

120 46.0 23.4 70.3



#85

sec-Butylbenzene

Concen: 0.341 ug/l

RT: 11.639 min Scan# 3203

Delta R.T. -0.000 min

Lab File: VU052663.D

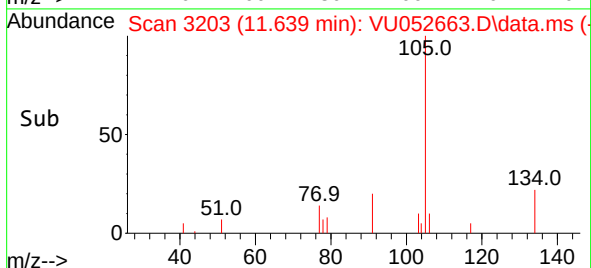
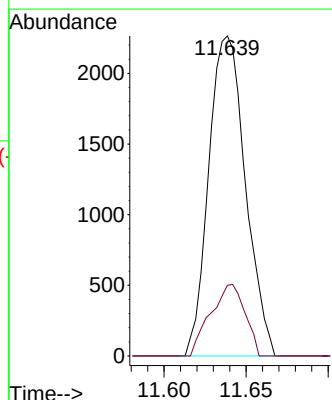
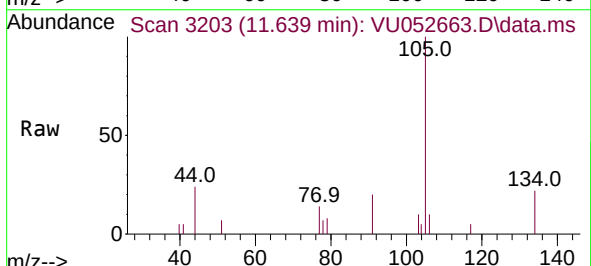
Acq: 12 Jan 2023 14:03

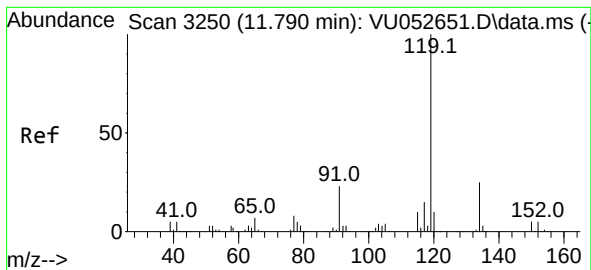
Tgt Ion:105 Resp: 3520

Ion Ratio Lower Upper

105 100

134 21.0 10.4 31.1





#86

p-Isopropyltoluene

Concen: 0.399 ug/l

RT: 11.790 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU052663.D

Acq: 12 Jan 2023 14:03

Instrument :

MSVOA_U

ClientSampleId :

MDL02

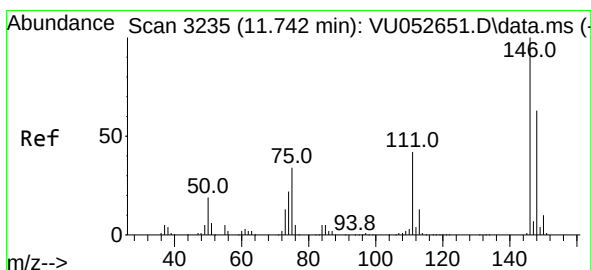
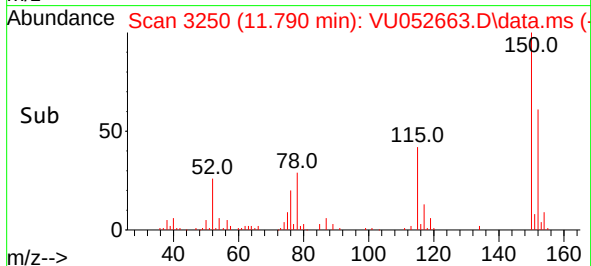
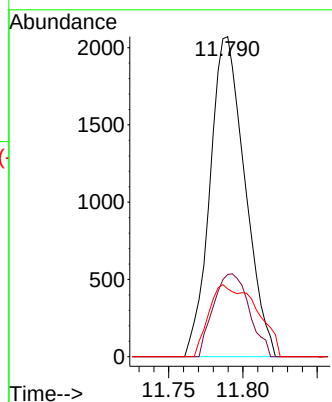
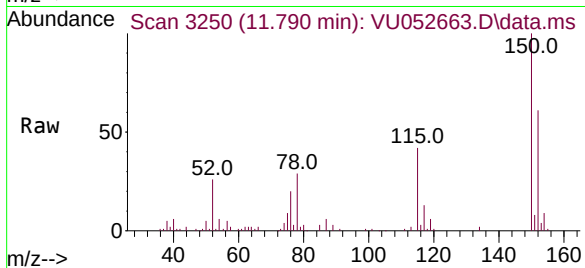
Tgt Ion:119 Resp: 3377

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

91 30.9 11.2 33.5



#87

1,3-Dichlorobenzene

Concen: 0.463 ug/l

RT: 11.741 min Scan# 3235

Delta R.T. -0.001 min

Lab File: VU052663.D

Acq: 12 Jan 2023 14:03

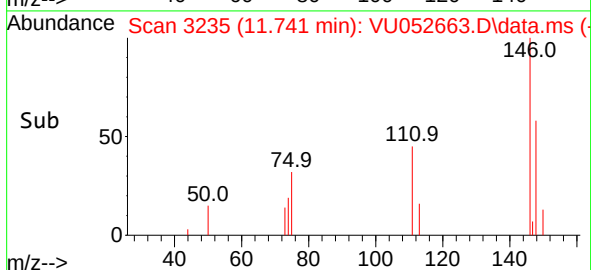
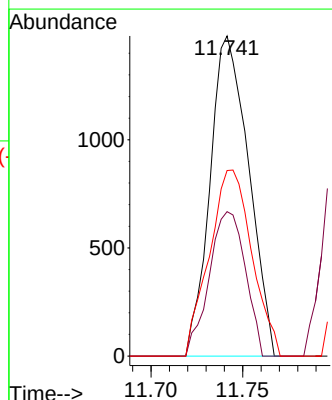
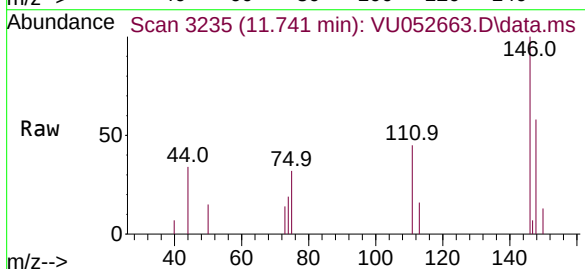
Tgt Ion:146 Resp: 2168

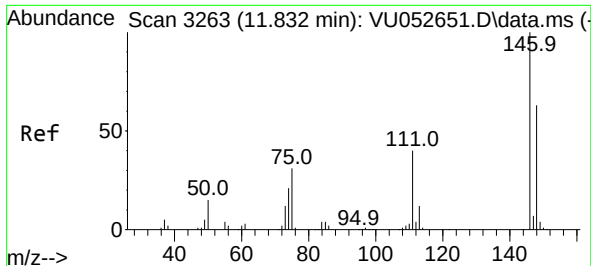
Ion Ratio Lower Upper

146 100

111 42.2 18.9 56.5

148 64.1 31.9 95.9

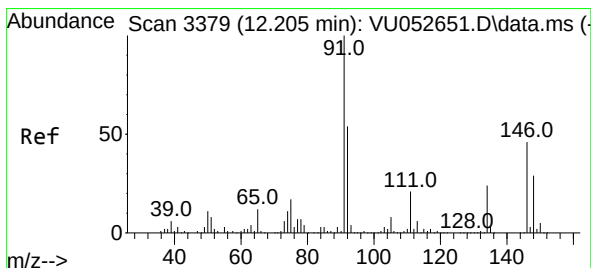
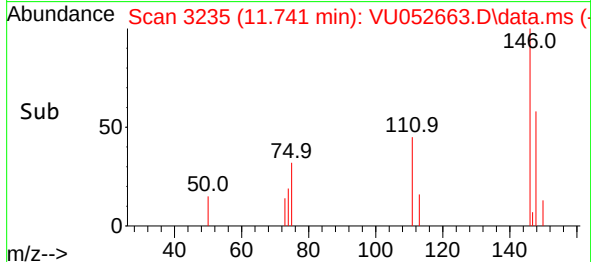
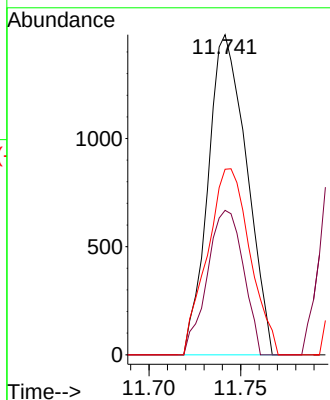
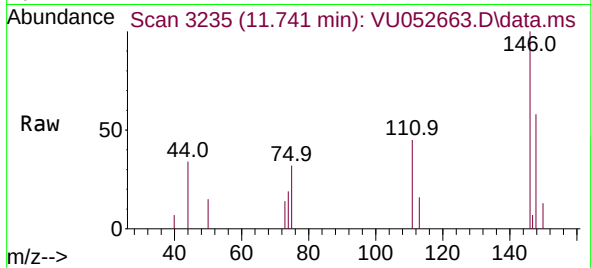




#88
1,4-Dichlorobenzene
Concen: 0.451 ug/l
RT: 11.741 min Scan# 31
Delta R.T. -0.091 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

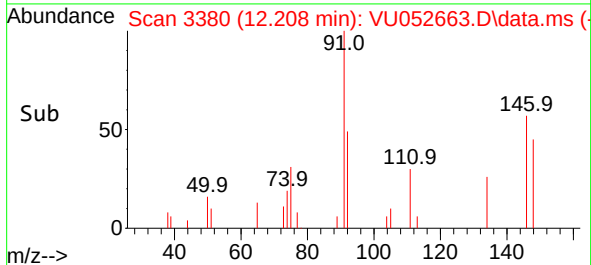
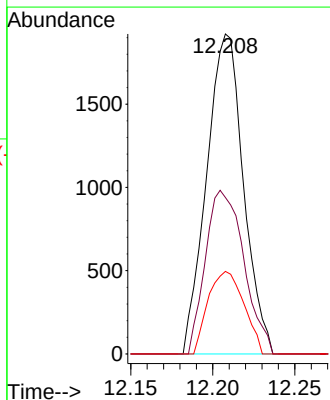
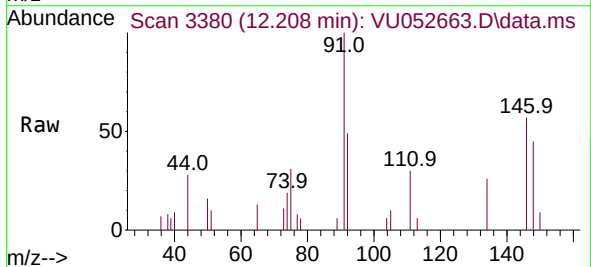
Instrument :
MSVOA_U
ClientSampleId :
MDL02

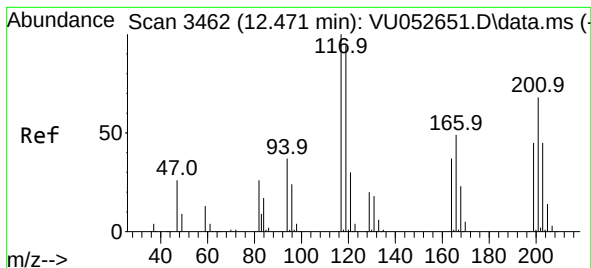
Tgt Ion:146 Resp: 2168
Ion Ratio Lower Upper
146 100
111 42.2 18.5 55.5
148 64.1 31.9 95.7



#89
n-Butylbenzene
Concen: 0.389 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. 0.003 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

Tgt Ion: 91 Resp: 2997
Ion Ratio Lower Upper
91 100
92 53.4 26.2 78.6
134 25.1 13.5 40.4





#90

Hexachloroethane

Concen: 0.385 ug/l

RT: 12.465 min Scan# 3462

Delta R.T. -0.006 min

Lab File: VU052663.D

Acq: 12 Jan 2023 14:03

Instrument :

MSVOA_U

ClientSampleId :

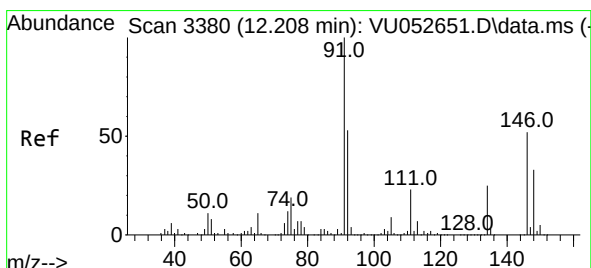
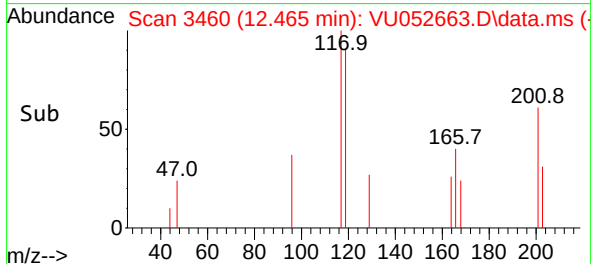
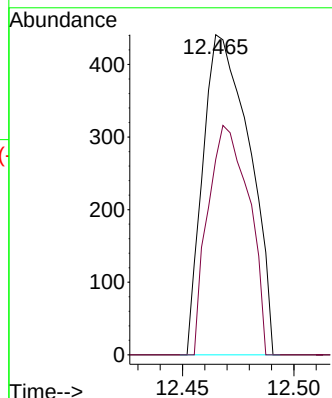
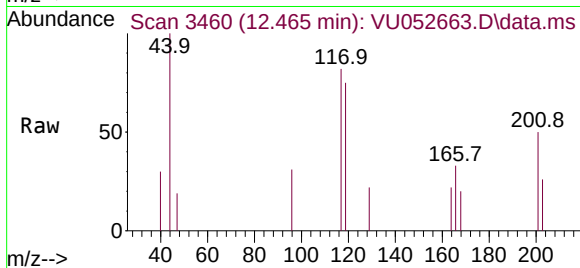
MDL02

Tgt Ion:117 Resp: 640

Ion Ratio Lower Upper

117 100

201 63.0 44.6 134.0



#91

1,2-Dichlorobenzene

Concen: 0.424 ug/l

RT: 12.214 min Scan# 3382

Delta R.T. 0.006 min

Lab File: VU052663.D

Acq: 12 Jan 2023 14:03

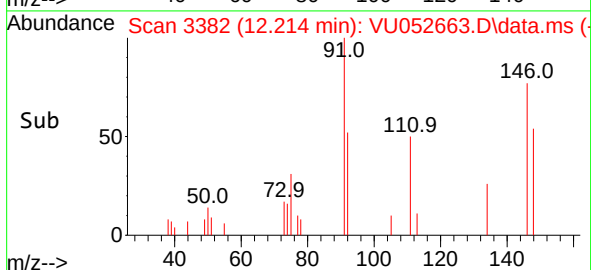
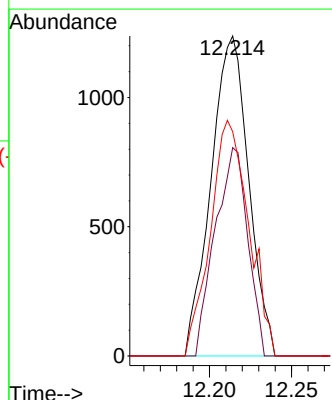
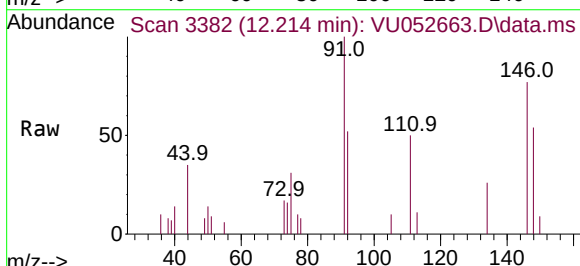
Tgt Ion:146 Resp: 1977

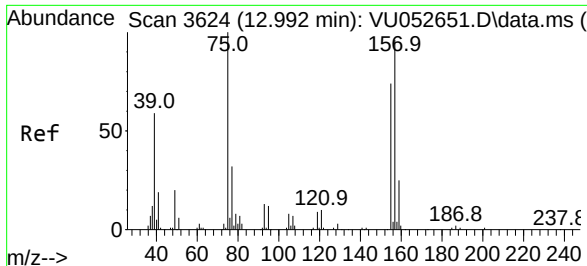
Ion Ratio Lower Upper

146 100

111 56.1 19.9 59.6

148 75.2 32.1 96.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.358 ug/l

RT: 12.999 min Scan# 30

Delta R.T. 0.007 min

Lab File: VU052663.D

Acq: 12 Jan 2023 14:03

Instrument :

MSVOA_U

ClientSampleId :

MDL02

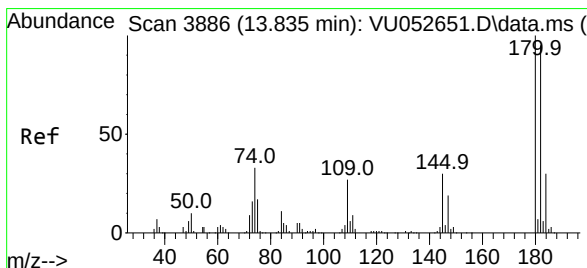
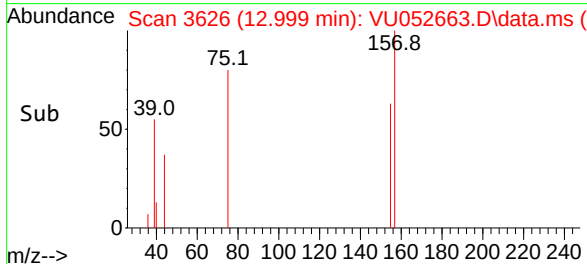
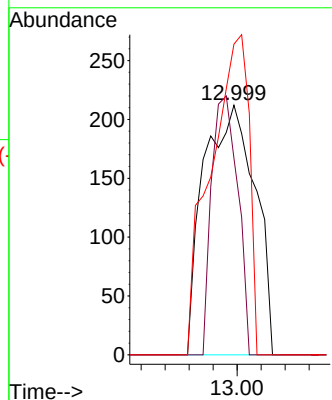
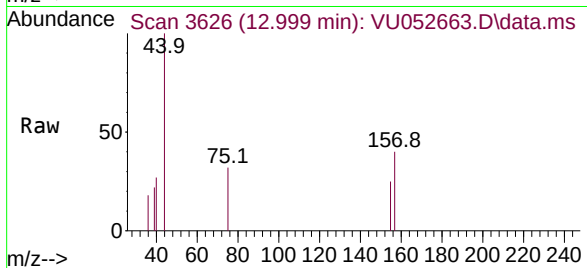
Tgt Ion: 75 Resp: 315

Ion Ratio Lower Upper

75 100

155 52.7 47.8 143.4

157 95.9 62.2 186.5



#93

1,2,4-Trichlorobenzene

Concen: 0.451 ug/l

RT: 13.835 min Scan# 3886

Delta R.T. -0.000 min

Lab File: VU052663.D

Acq: 12 Jan 2023 14:03

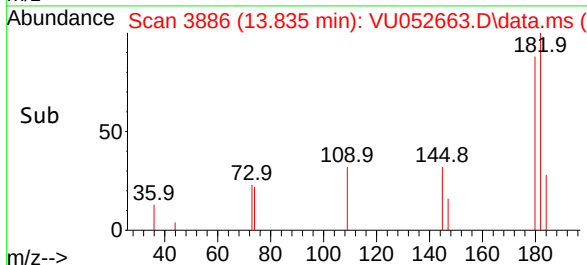
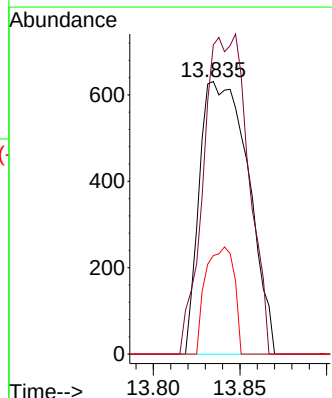
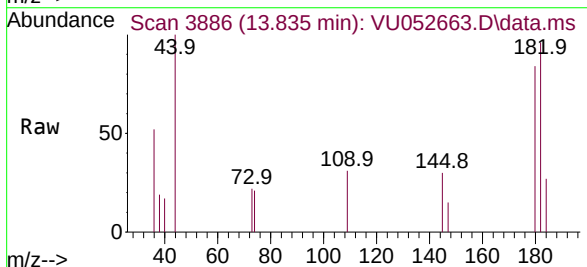
Tgt Ion: 180 Resp: 1233

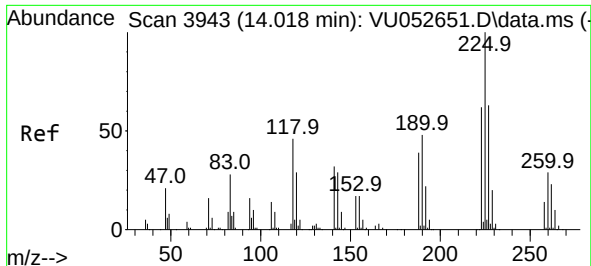
Ion Ratio Lower Upper

180 100

182 107.6 47.9 143.6

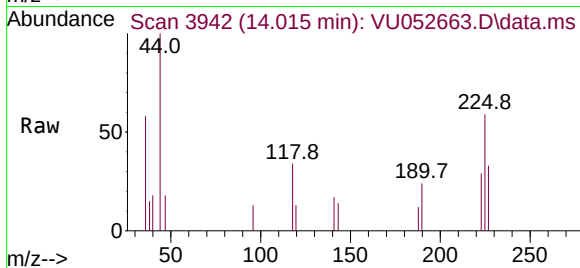
145 22.9 14.0 41.9



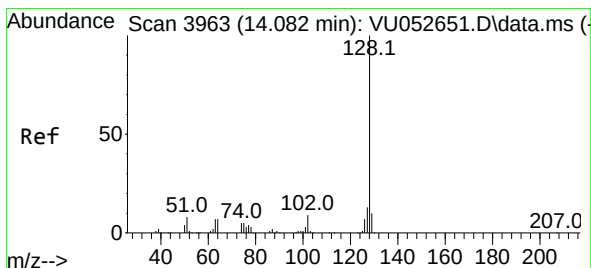
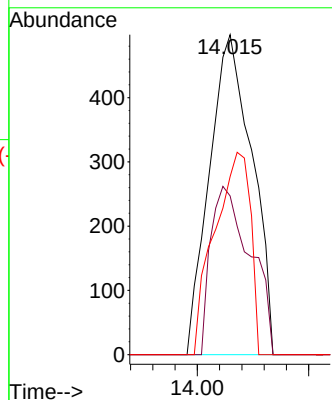
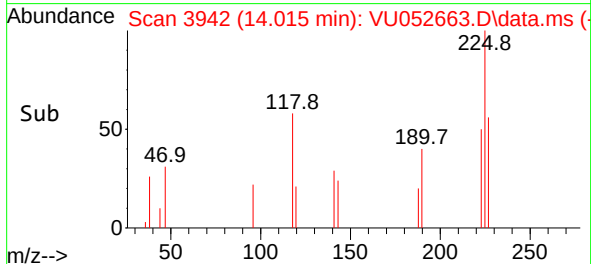


#94
Hexachlorobutadiene
Concen: 0.459 ug/l
RT: 14.015 min Scan# 3942
Delta R.T. -0.003 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03

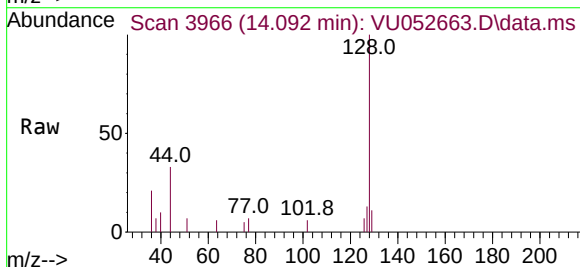
Instrument :
MSVOA_U
ClientSampleId :
MDL02



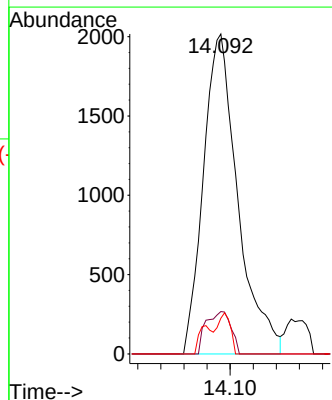
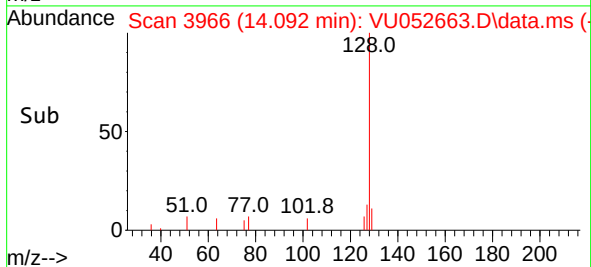
Tgt Ion:225 Resp: 661
Ion Ratio Lower Upper
225 100
223 49.0 31.3 93.9
227 53.4 32.0 96.2

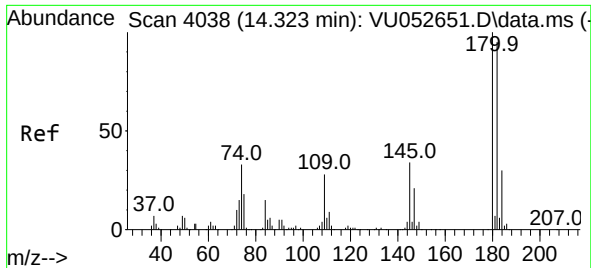


#95
Naphthalene
Concen: 0.509 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.010 min
Lab File: VU052663.D
Acq: 12 Jan 2023 14:03



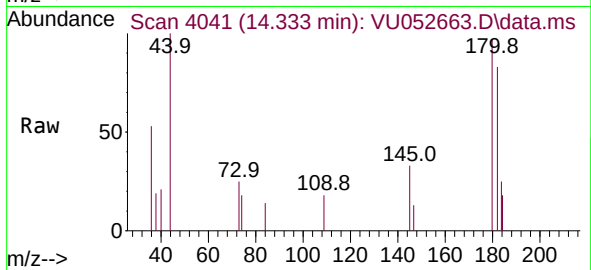
Tgt Ion:128 Resp: 4167
Ion Ratio Lower Upper
128 100
127 9.5 10.3 15.5#
129 4.7 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.527 ug/l
 RT: 14.333 min Scan# 40
 Delta R.T. 0.010 min
 Lab File: VU052663.D
 Acq: 12 Jan 2023 14:03

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02



Tgt Ion:	180	Resp:	1441
Ion	Ratio	Lower	Upper
180	100		
182	80.2	48.4	145.0
145	24.0	14.8	44.4

