

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011223\
 Data File : VU052667.D
 Acq On : 12 Jan 2023 15:36
 Operator : JC/MD
 Sample : MDL03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

Quant Time: Jan 13 02:05:19 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	201462	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.244	114	358512	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	331707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	150383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	172966	53.738	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.480%	
35) Dibromofluoromethane	5.285	113	127052	51.451	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.900%	
50) Toluene-d8	7.893	98	457940	48.304	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.600%	
62) 4-Bromofluorobenzene	10.629	95	155748	45.330	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.660%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	6133	2.416	ug/l	95
3) Chloromethane	1.520	50	10244	2.771	ug/l	93
4) Vinyl Chloride	1.604	62	7315	2.298	ug/l	99
5) Bromomethane	1.858	94	4992	2.697	ug/l	93
6) Chloroethane	1.935	64	4784	2.505	ug/l	94
7) Trichlorofluoromethane	2.134	101	10122	2.533	ug/l	100
8) Diethyl Ether	2.376	74	4280	2.606	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.581	101	5950	2.491	ug/l	91
10) Methyl Iodide	2.720	142	6751	2.728	ug/l	93
11) Tert butyl alcohol	3.247	59	268	0.424	ug/l	# 37
12) 1,1-Dichloroethene	2.578	96	6288	2.672	ug/l	92
13) Acrolein	2.488	56	10388	13.623	ug/l	100
14) Allyl chloride	2.922	41	12104	2.612	ug/l	# 85
15) Acrylonitrile	3.321	53	21995	12.945	ug/l	99
16) Acetone	2.646	43	22889	13.867	ug/l	93
17) Carbon Disulfide	2.794	76	18007	2.415	ug/l	98
18) Methyl Acetate	2.954	43	12578	2.615	ug/l	# 87
19) Methyl tert-butyl Ether	3.366	73	20524	2.522	ug/l	# 89
20) Methylene Chloride	3.044	84	9234	2.656	ug/l	# 88
21) trans-1,2-Dichloroethene	3.350	96	6239	2.450	ug/l	86
22) Diisopropyl ether	3.990	45	21799	2.447	ug/l	98
23) Vinyl Acetate	3.954	43	81178	11.697	ug/l	97
24) 1,1-Dichloroethane	3.871	63	13499	2.575	ug/l	100
25) 2-Butanone	4.716	43	27684	12.215	ug/l	98
26) 2,2-Dichloropropane	4.662	77	10581	2.590	ug/l	97
27) cis-1,2-Dichloroethene	4.671	96	7384	2.539	ug/l	84
28) Bromochloromethane	4.973	49	6014	2.495	ug/l	# 70
29) Tetrahydrofuran	5.060	42	17613	12.814	ug/l	87
30) Chloroform	5.083	83	14819	2.780	ug/l	98
31) Cyclohexane	5.382	56	15791	3.180	ug/l	# 84
32) 1,1,1-Trichloroethane	5.308	97	10643	2.550	ug/l	88
36) 1,1-Dichloropropene	5.527	75	8780	2.259	ug/l	96
37) Ethyl Acetate	4.806	43	10527	2.138	ug/l	# 90
38) Carbon Tetrachloride	5.517	117	8506	2.360	ug/l	95
39) Methylcyclohexane	6.761	83	9775	2.187	ug/l	91
40) Benzene	5.771	78	28979	2.523	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	5521	2.389	ug/l #	73
42) 1,2-Dichloroethane	5.793	62	11298	2.736	ug/l	100
43) Isopropyl Acetate	5.912	43	15873	2.456	ug/l #	95
44) Trichloroethene	6.539	130	6578	2.424	ug/l	99
45) 1,2-Dichloropropane	6.787	63	7602	2.390	ug/l #	88
46) Dibromomethane	6.916	93	5348	2.680	ug/l	87
47) Bromodichloromethane	7.102	83	10268	2.509	ug/l	93
48) Methyl methacrylate	6.957	41	6713	2.236	ug/l	93
49) 1,4-Dioxane	7.038	88	2850	49.980	ug/l #	63
51) 4-Methyl-2-Pentanone	7.790	43	48956	11.592	ug/l	93
52) Toluene	7.967	92	17513	2.593	ug/l	93
53) t-1,3-Dichloropropene	8.208	75	10003	2.316	ug/l	96
54) cis-1,3-Dichloropropene	7.604	75	10696	2.274	ug/l	95
55) 1,1,2-Trichloroethane	8.395	97	7287	2.615	ug/l	96
56) Ethyl methacrylate	8.330	69	9558	2.325	ug/l	94
57) 1,3-Dichloropropane	8.571	76	13041	2.620	ug/l	95
59) 2-Hexanone	8.684	43	37150	11.508	ug/l	91
60) Dibromochloromethane	8.806	129	6964	2.406	ug/l	99
61) 1,2-Dibromoethane	8.919	107	6987	2.473	ug/l	97
64) Tetrachloroethene	8.549	164	5158	2.396	ug/l	95
65) Chlorobenzene	9.443	112	17762	2.513	ug/l	95
66) 1,1,1,2-Tetrachloroethane	9.530	131	6165	2.414	ug/l	95
67) Ethyl Benzene	9.565	91	27167	2.217	ug/l	97
68) m/p-Xylenes	9.690	106	19564	4.239	ug/l	94
69) o-Xylene	10.099	106	9564	2.177	ug/l	92
70) Styrene	10.112	104	15278	2.074	ug/l	93
71) Bromoform	10.288	173	5258	2.455	ug/l #	98
73) Isopropylbenzene	10.481	105	23024	2.237	ug/l	100
74) N-amyl acetate	10.317	43	10747	2.285	ug/l	93
75) 1,1,2,2-Tetrachloroethane	10.777	83	12442	2.865	ug/l	98
76) 1,2,3-Trichloropropane	10.819	75	12825	2.693	ug/l	96
77) Bromobenzene	10.780	156	6633	2.590	ug/l	77
78) n-propylbenzene	10.903	91	29240	2.335	ug/l	94
79) 2-Chlorotoluene	10.983	91	19695	2.572	ug/l	91
80) 1,3,5-Trimethylbenzene	11.083	105	20229	2.335	ug/l	95
81) trans-1,4-Dichloro-2-b...	10.539	75	2735	2.192	ug/l #	87
82) 4-Chlorotoluene	11.095	91	21789	2.495	ug/l	92
83) tert-Butylbenzene	11.414	119	19418	2.249	ug/l	95
84) 1,2,4-Trimethylbenzene	11.465	105	17879	2.093	ug/l	99
85) sec-Butylbenzene	11.639	105	23425	2.151	ug/l	97
86) p-Isopropyltoluene	11.790	119	18418	2.065	ug/l	96
87) 1,3-Dichlorobenzene	11.742	146	12301	2.490	ug/l	97
88) 1,4-Dichlorobenzene	11.832	146	13394	2.643	ug/l	91
89) n-Butylbenzene	12.205	91	16032	1.975	ug/l	96
90) Hexachloroethane	12.468	117	4161	2.378	ug/l	86
91) 1,2-Dichlorobenzene	12.208	146	12418	2.530	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.992	75	2530	2.726	ug/l	73
93) 1,2,4-Trichlorobenzene	13.838	180	6386	2.216	ug/l	98
94) Hexachlorobutadiene	14.015	225	3358	2.211	ug/l	95
95) Naphthalene	14.082	128	18344	2.126	ug/l	99
96) 1,2,3-Trichlorobenzene	14.327	180	6800	2.361	ug/l	93

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

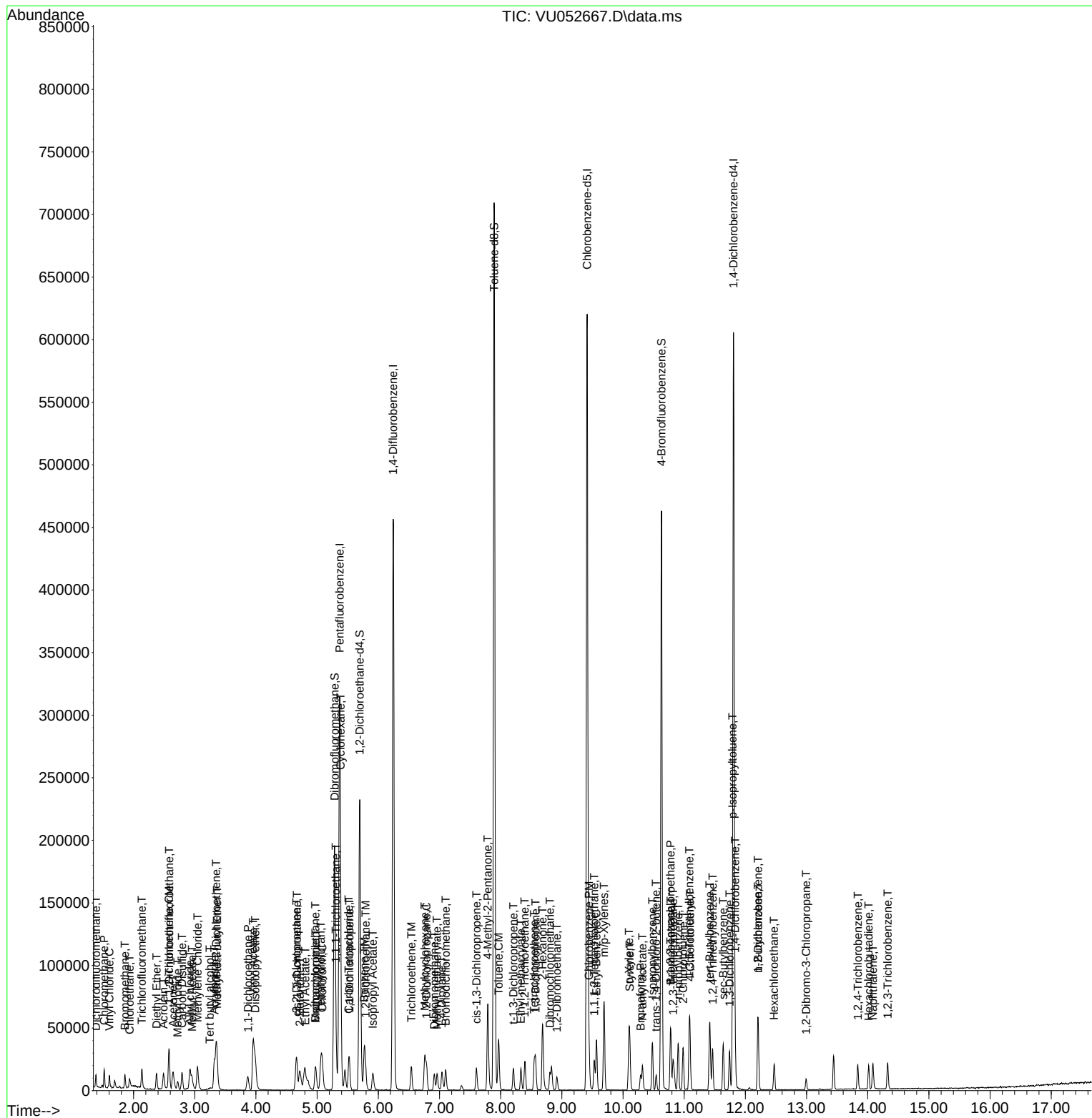
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

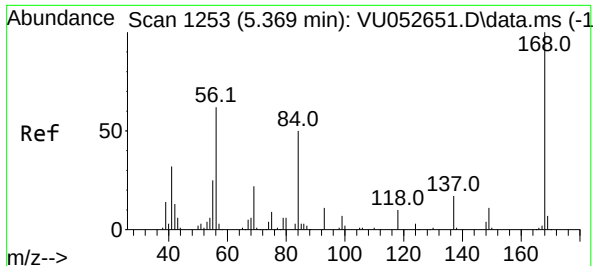
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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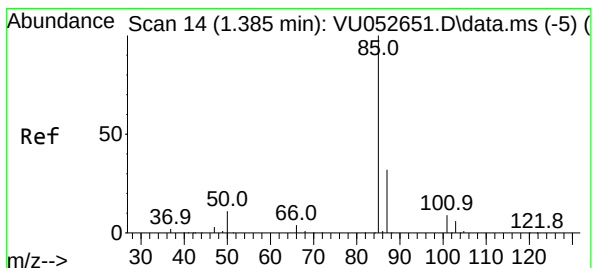
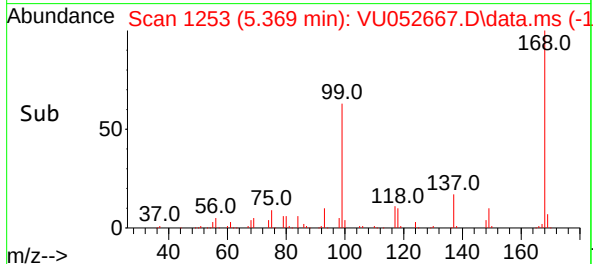
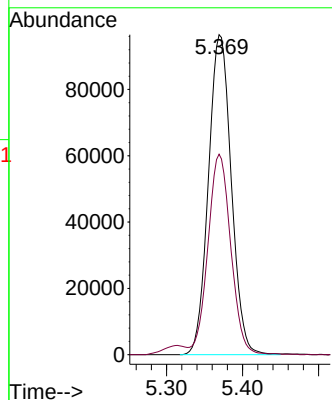
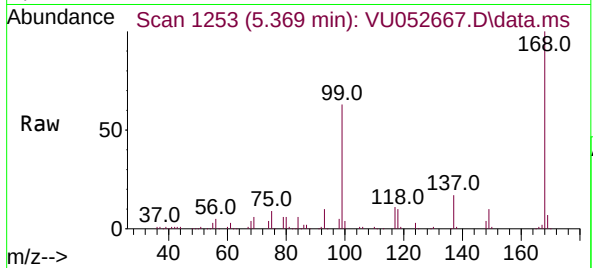




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.000 min
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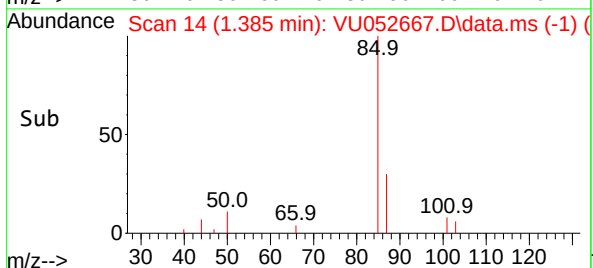
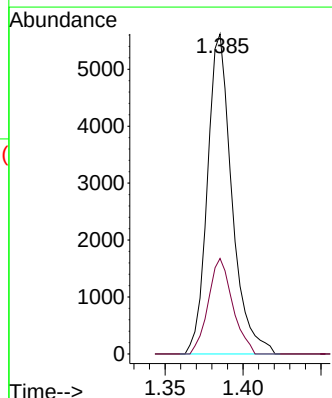
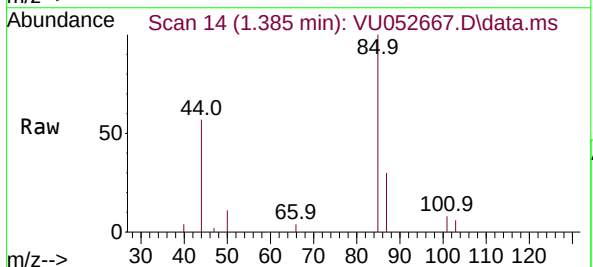
Instrument :
MSVOA_U
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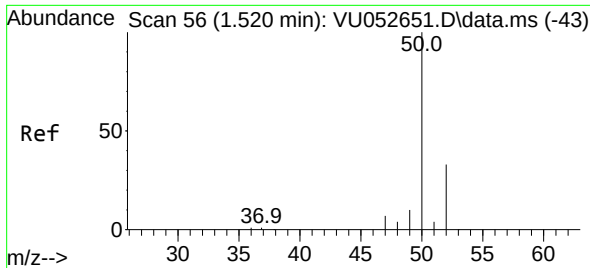
Tgt Ion:168 Resp: 201462
Ion Ratio Lower Upper
168 100
99 62.5 39.3 58.9#



#2
Dichlorodifluoromethane
Concen: 2.416 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

Tgt Ion: 85 Resp: 6133
Ion Ratio Lower Upper
85 100
87 29.8 16.4 49.2

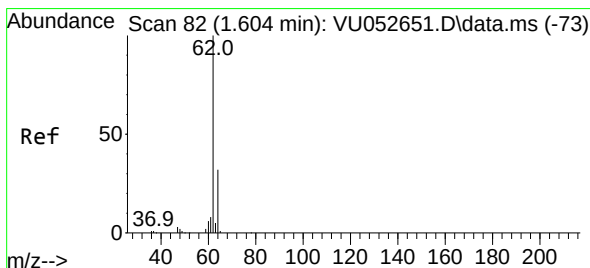
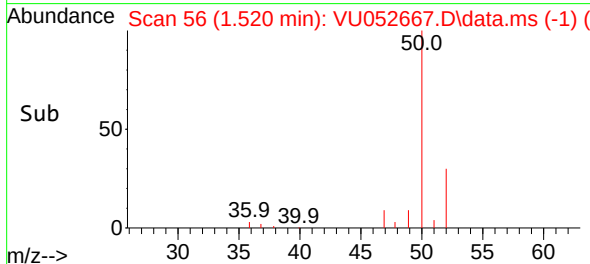
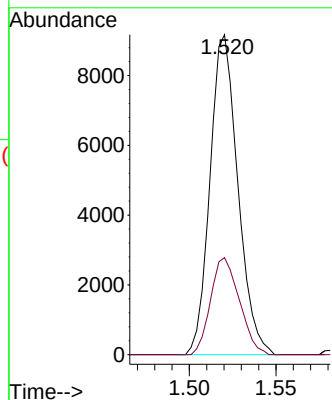
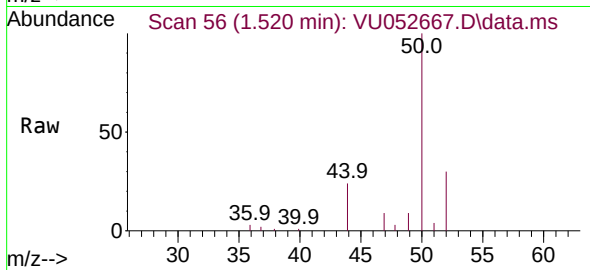




#3
Chloromethane
Concen: 2.771 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU052667.D
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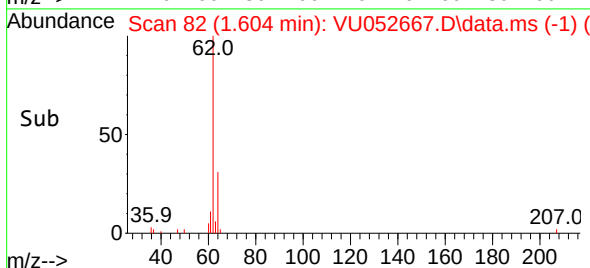
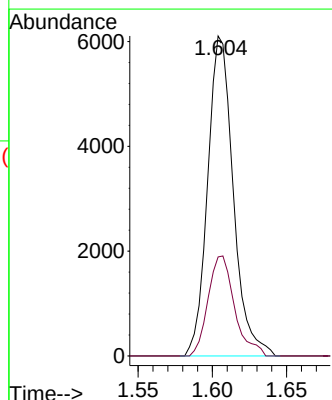
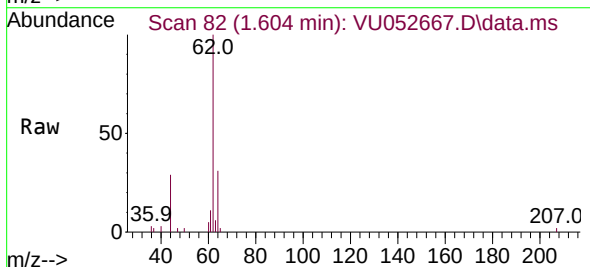
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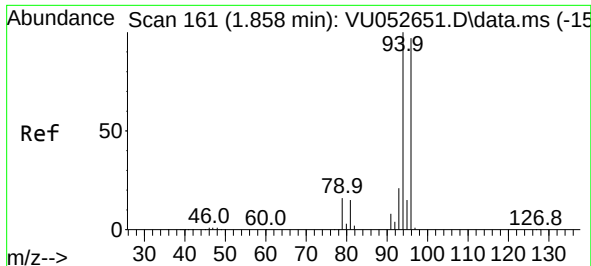
Tgt Ion: 50 Resp: 10244
Ion Ratio Lower Upper
50 100
52 30.3 27.4 41.2



#4
Vinyl Chloride
Concen: 2.298 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

Tgt Ion: 62 Resp: 7315
Ion Ratio Lower Upper
62 100
64 31.0 25.3 37.9

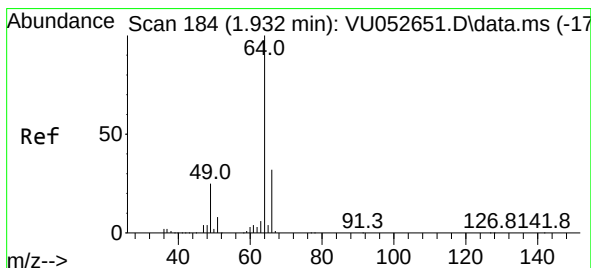
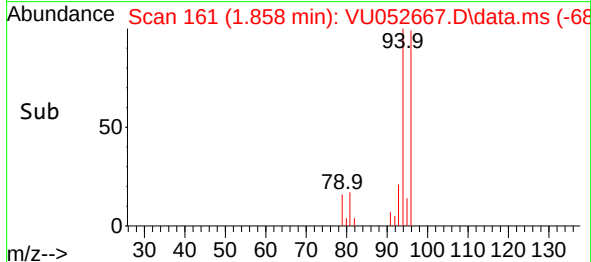
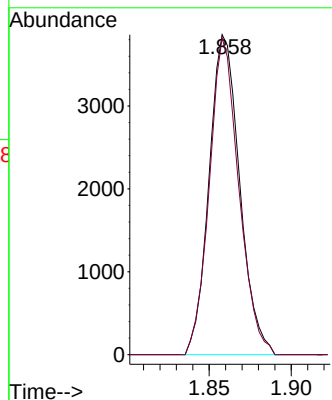
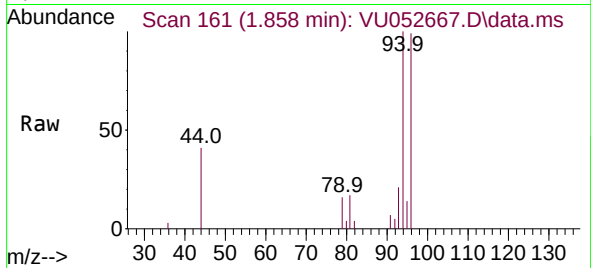




#5
Bromomethane
Concen: 2.697 ug/l
RT: 1.858 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

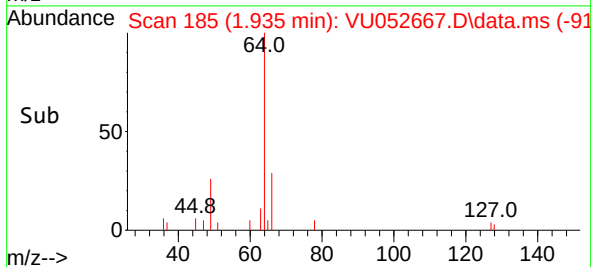
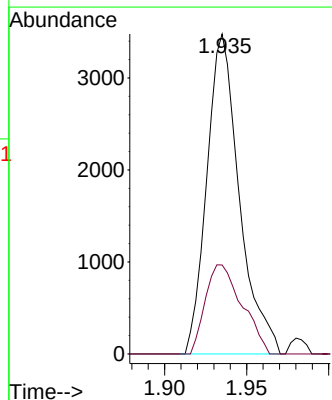
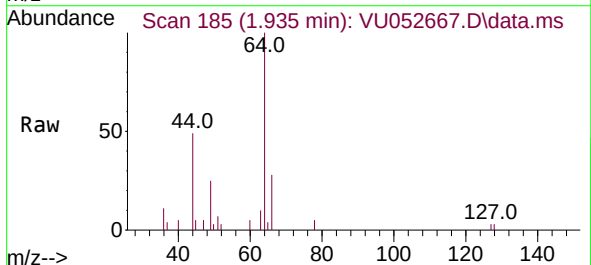
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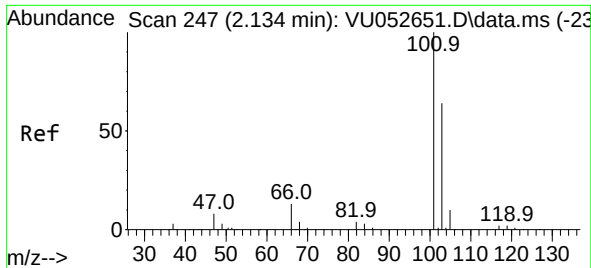
Tgt Ion: 94 Resp: 4992
Ion Ratio Lower Upper
94 100
96 98.9 73.7 110.5



#6
Chloroethane
Concen: 2.505 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

Tgt Ion: 64 Resp: 4784
Ion Ratio Lower Upper
64 100
66 27.8 24.7 37.1

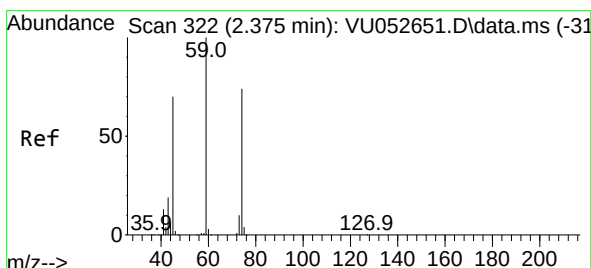
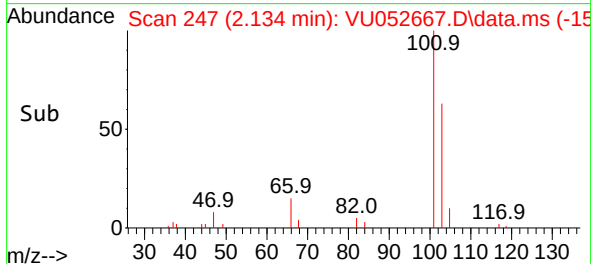
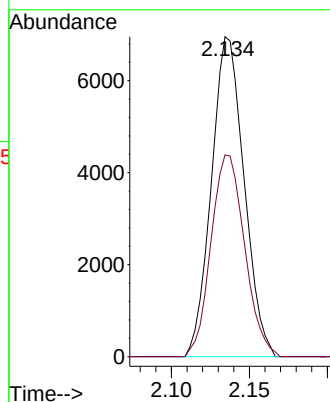
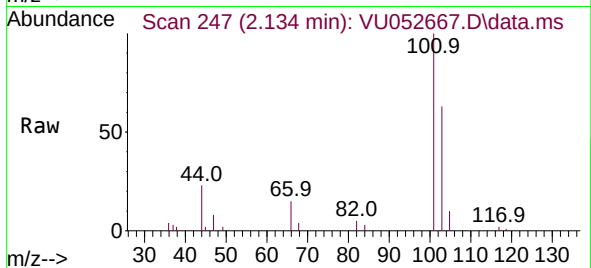




#7
Trichlorofluoromethane
Concen: 2.533 ug/l
RT: 2.134 min Scan# 247
Delta R.T. 0.000 min
Lab File: VU052667.D
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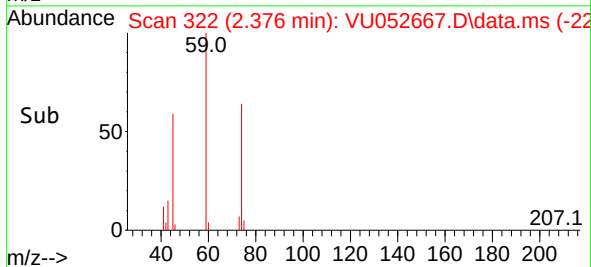
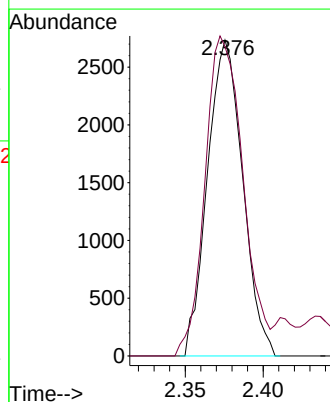
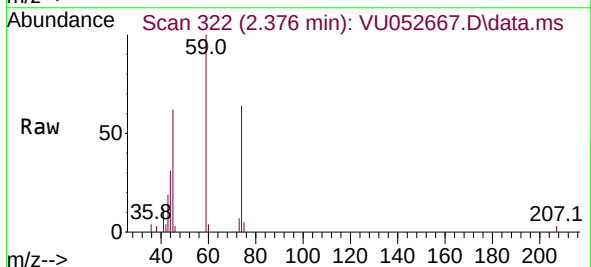
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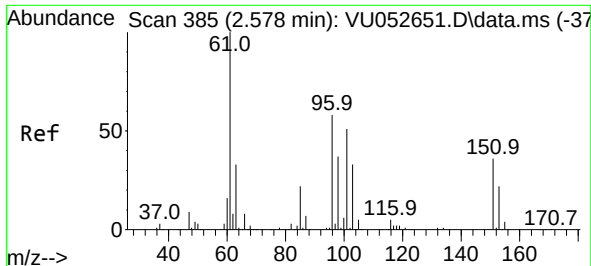
Tgt Ion:101 Resp: 10122
Ion Ratio Lower Upper
101 100
103 63.0 50.6 75.8



#8
Diethyl Ether
Concen: 2.606 ug/l
RT: 2.376 min Scan# 322
Delta R.T. 0.001 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

Tgt Ion: 74 Resp: 4280
Ion Ratio Lower Upper
74 100
45 109.6 44.4 133.2

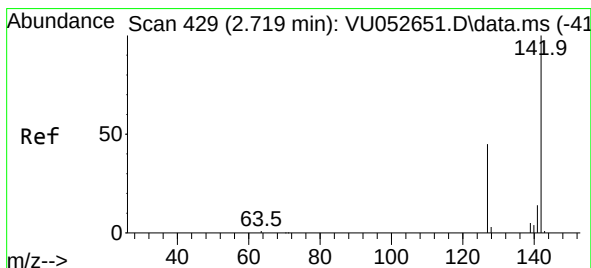
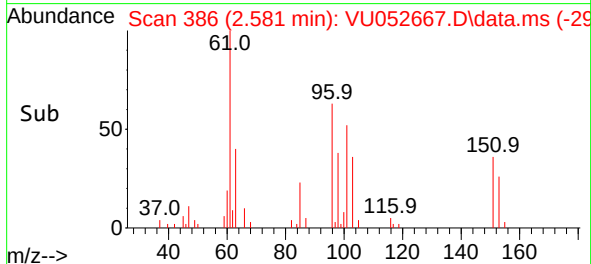
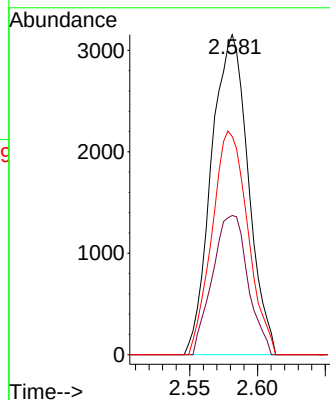
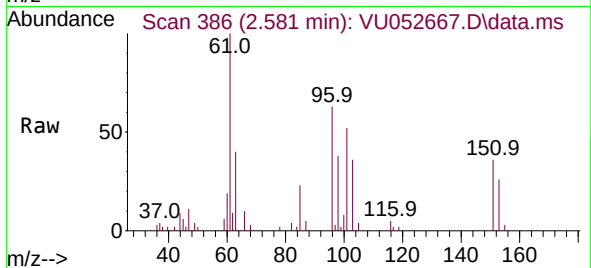




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.491 ug/l
RT: 2.581 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

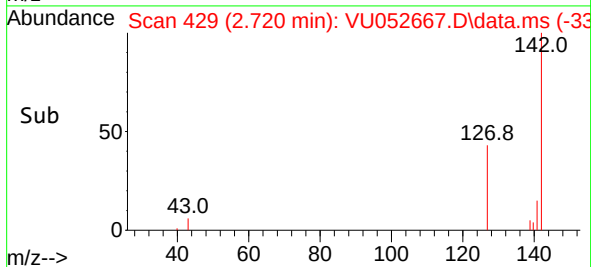
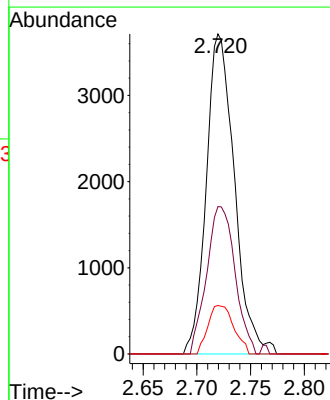
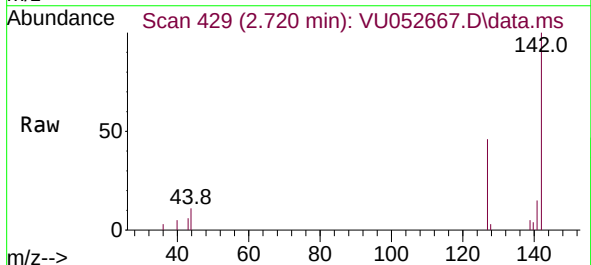
Instrument :
MSVOA_U
ClientSampleId :
MDL03

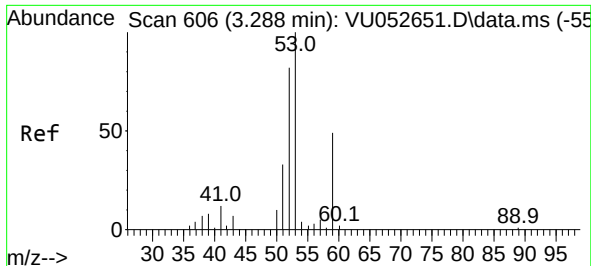
Tgt Ion:	101	Resp:	5950
Ion	Ratio	Lower	Upper
101	100		
85	42.0	33.9	50.9
151	68.0	64.0	96.0



#10
Methyl Iodide
Concen: 2.728 ug/l
RT: 2.720 min Scan# 429
Delta R.T. 0.001 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

Tgt Ion:	142	Resp:	6751
Ion	Ratio	Lower	Upper
142	100		
127	46.5	32.5	48.7
141	13.9	11.4	17.0

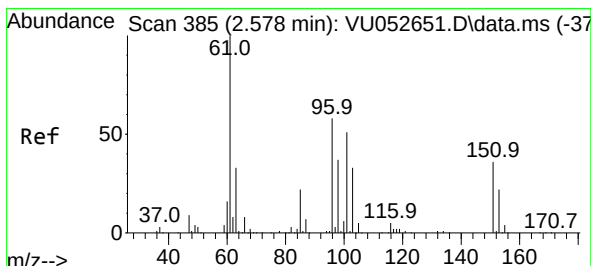
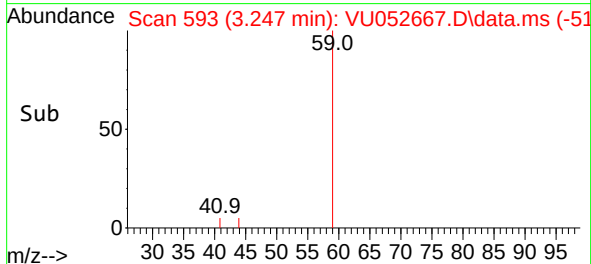
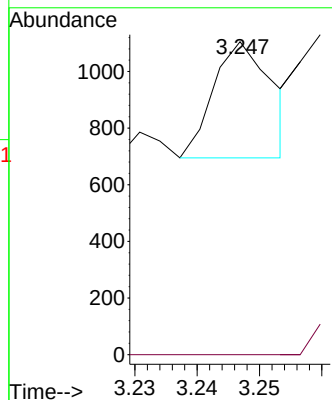
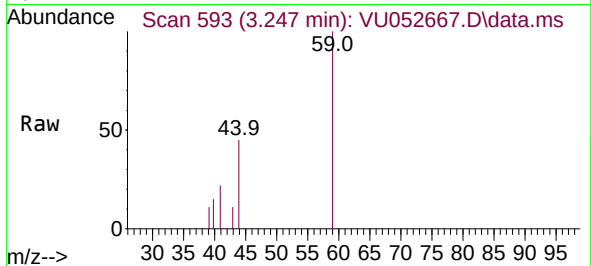




#11
Tert butyl alcohol
Concen: 0.424 ug/l
RT: 3.247 min Scan# 59
Delta R.T. -0.041 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

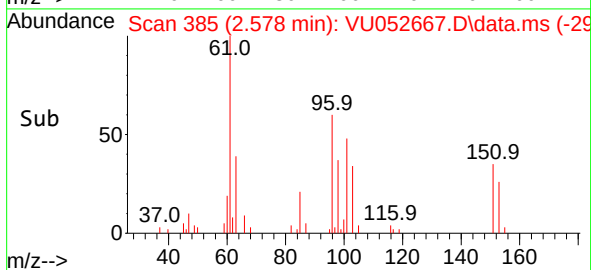
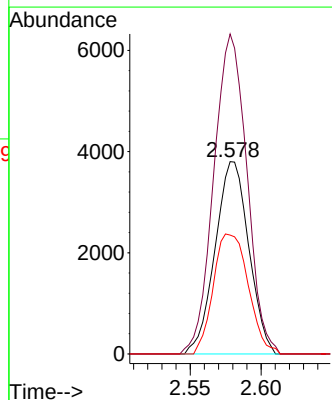
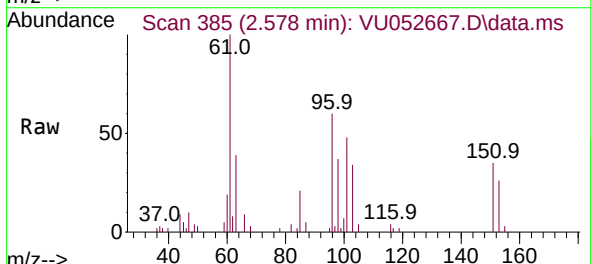
Instrument :
MSVOA_U
ClientSampleId :
MDL03

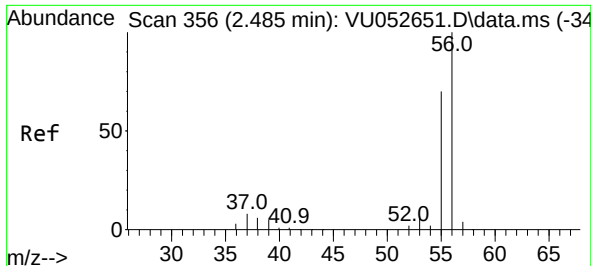
Tgt Ion: 59 Resp: 268
Ion Ratio Lower Upper
59 100
57 0.0 30.6 45.8#



#12
1,1-Dichloroethene
Concen: 2.672 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

Tgt Ion: 96 Resp: 6288
Ion Ratio Lower Upper
96 100
61 166.4 122.2 183.2
98 61.8 50.7 76.1

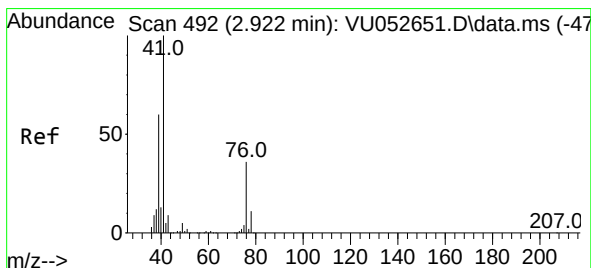
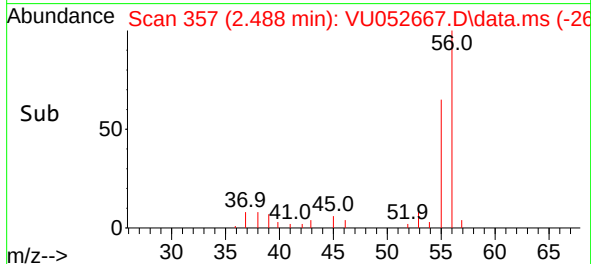
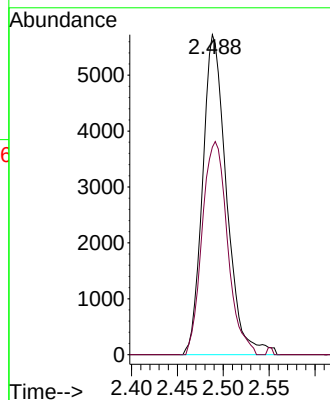
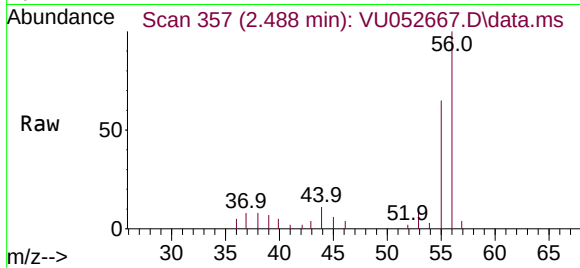




#13
Acrolein
Concen: 13.623 ug/l
RT: 2.488 min Scan# 356
Delta R.T. 0.003 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

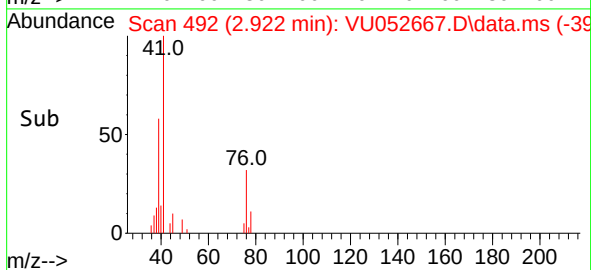
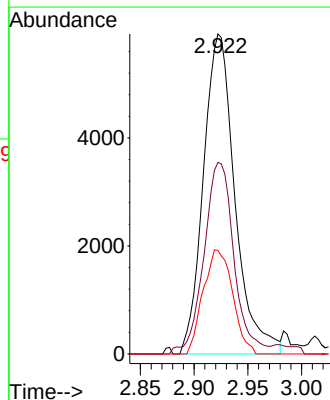
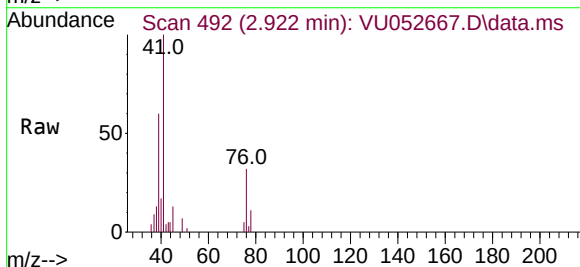
Instrument :
MSVOA_U
ClientSampleId :
MDL03

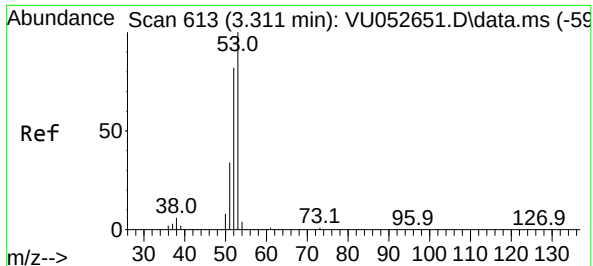
Tgt Ion: 56 Resp: 10388
Ion Ratio Lower Upper
56 100
55 70.5 56.6 85.0



#14
Allyl chloride
Concen: 2.612 ug/l
RT: 2.922 min Scan# 492
Delta R.T. 0.000 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

Tgt Ion: 41 Resp: 12104
Ion Ratio Lower Upper
41 100
39 57.0 53.4 80.2
76 30.3 33.8 50.6#

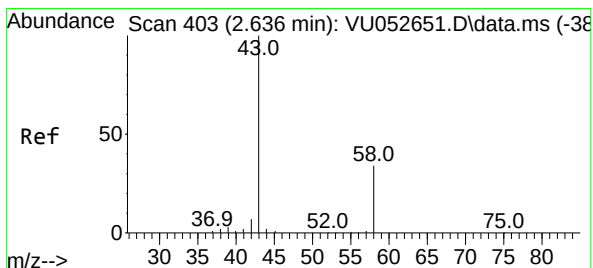
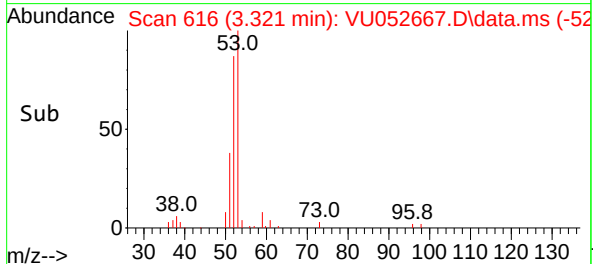
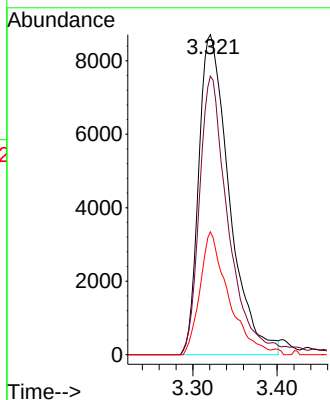
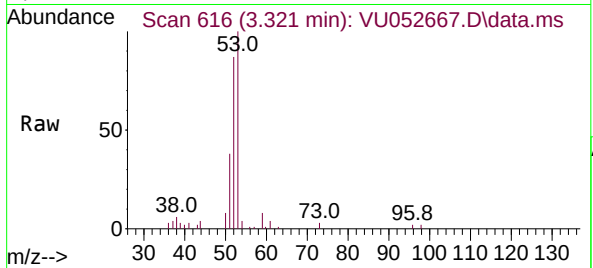




#15
Acrylonitrile
Concen: 12.945 ug/l
RT: 3.321 min Scan# 613
Delta R.T. 0.010 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

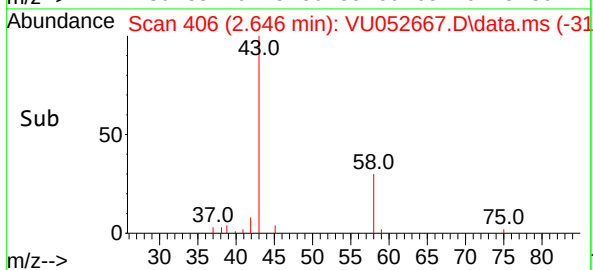
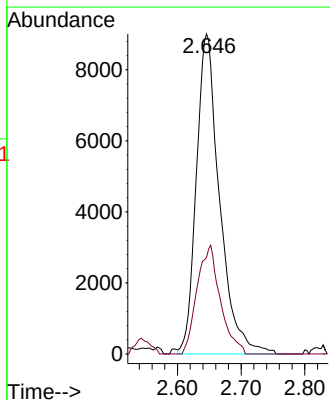
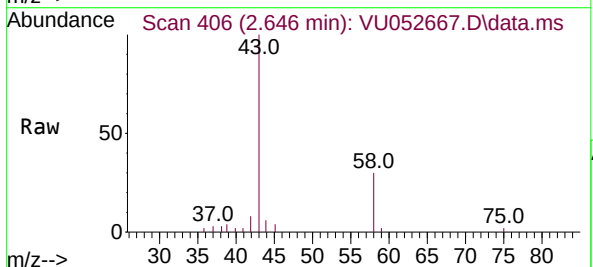
Instrument :
MSVOA_U
ClientSampleId :
MDL03

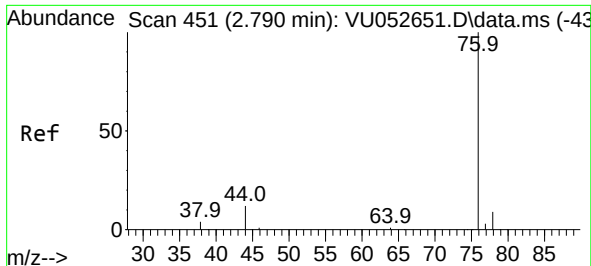
Tgt Ion:	53	Resp:	21995
Ion	Ratio	Lower	Upper
53	100		
52	83.2	65.7	98.5
51	35.6	28.2	42.4



#16
Acetone
Concen: 13.867 ug/l
RT: 2.646 min Scan# 406
Delta R.T. 0.010 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

Tgt Ion:	43	Resp:	22889
Ion	Ratio	Lower	Upper
43	100		
58	30.1	27.5	41.3





#17

Carbon Disulfide

Concen: 2.415 ug/l

RT: 2.794 min Scan# 4

Delta R.T. 0.004 min

Lab File: VU052667.D

Acq: 12 Jan 2023 15:36

Instrument :

MSVOA_U

ClientSampleId :

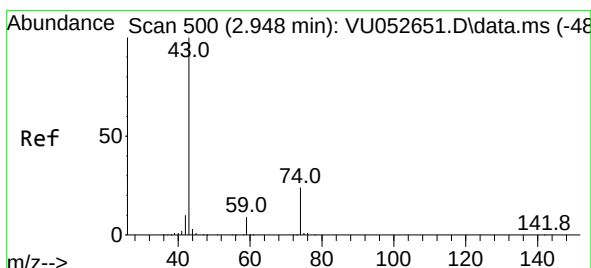
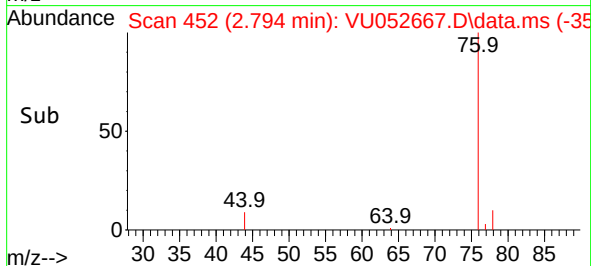
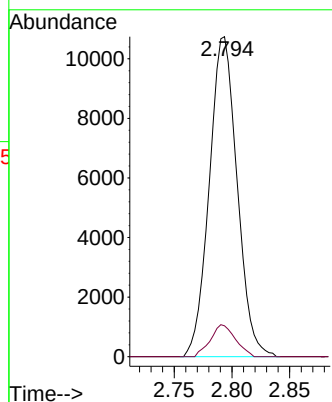
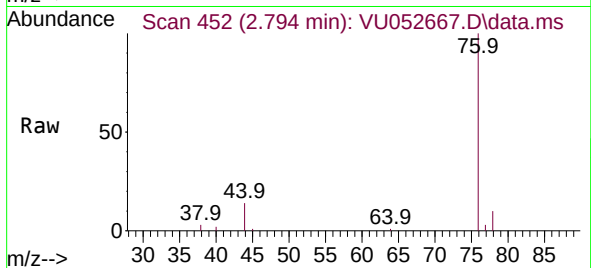
MDL03

Tgt Ion: 76 Resp: 18007

Ion Ratio Lower Upper

76 100

78 9.6 7.3 10.9



#18

Methyl Acetate

Concen: 2.615 ug/l

RT: 2.954 min Scan# 502

Delta R.T. 0.006 min

Lab File: VU052667.D

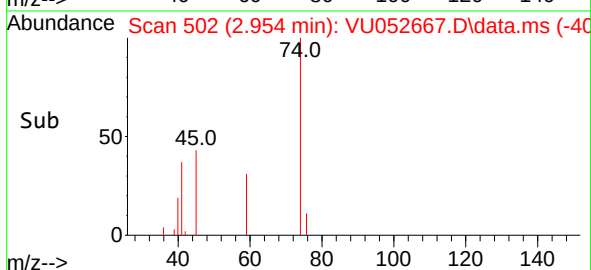
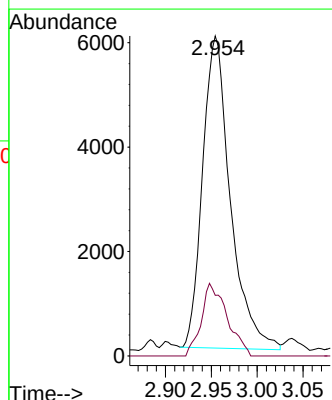
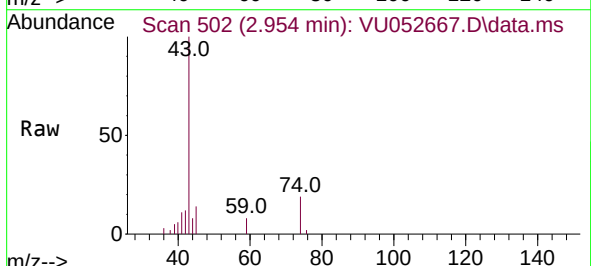
Acq: 12 Jan 2023 15:36

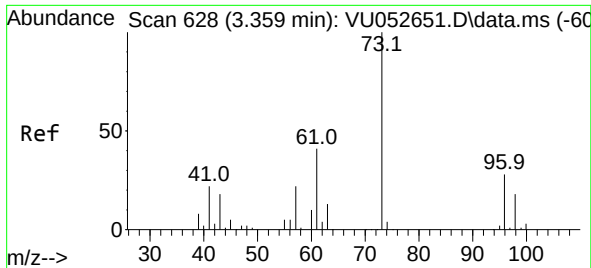
Tgt Ion: 43 Resp: 12578

Ion Ratio Lower Upper

43 100

74 21.5 22.5 33.7#

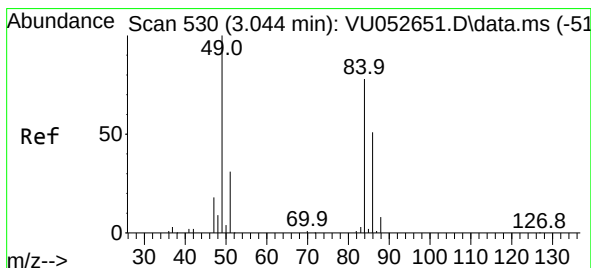
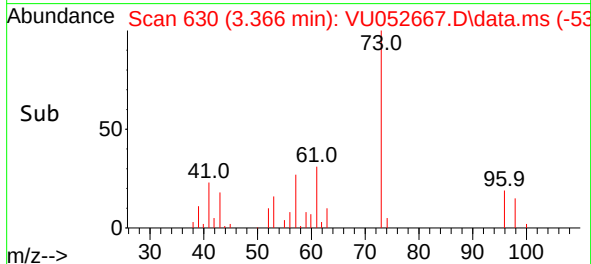
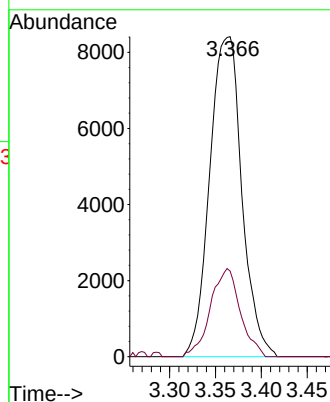
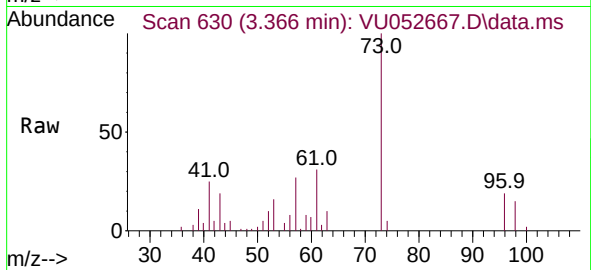




#19
Methyl tert-butyl Ether
Concen: 2.522 ug/l
RT: 3.366 min Scan# 61
Delta R.T. 0.007 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

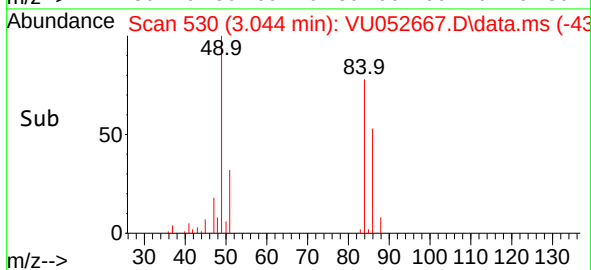
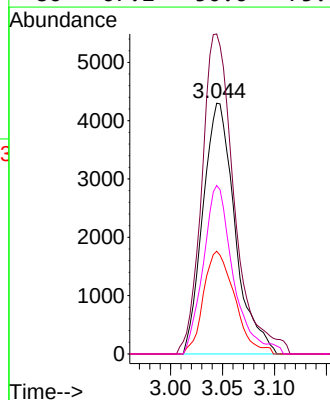
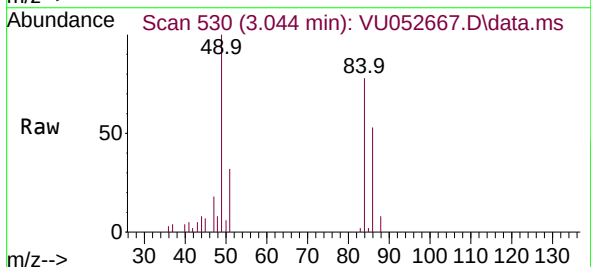
Instrument :
MSVOA_U
ClientSampleId :
MDL03

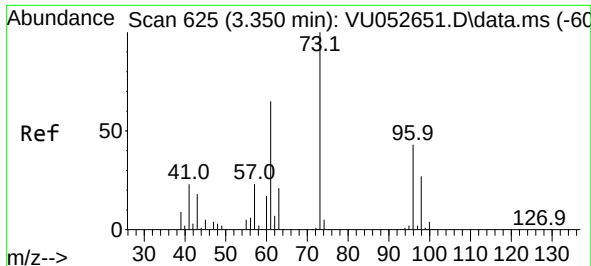
Tgt Ion: 73 Resp: 20524
Ion Ratio Lower Upper
73 100
57 26.7 17.1 25.7#



#20
Methylene Chloride
Concen: 2.656 ug/l
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

Tgt Ion: 84 Resp: 9234
Ion Ratio Lower Upper
84 100
49 124.7 86.6 129.8
51 41.0 26.6 40.0#
86 67.2 50.6 75.8

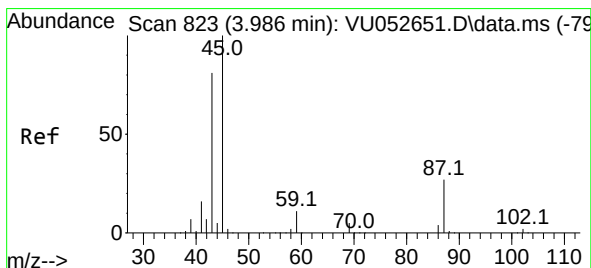
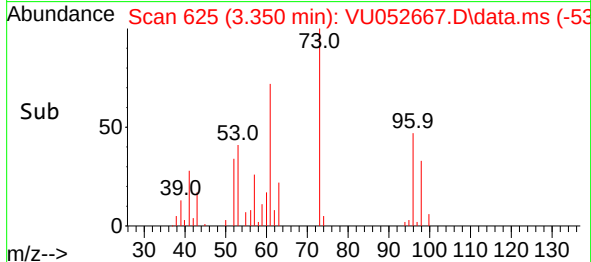
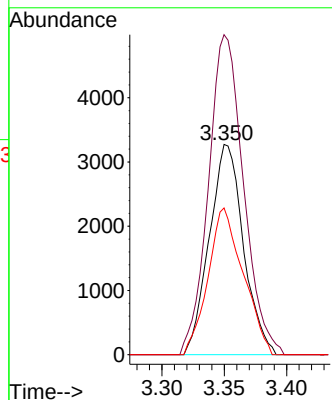
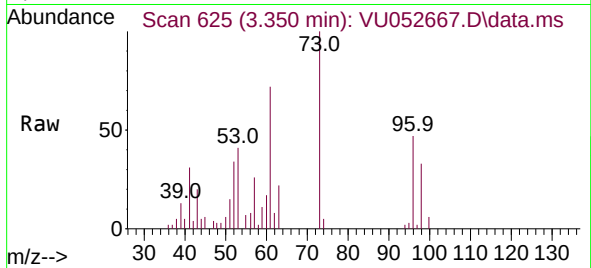




#21
trans-1,2-Dichloroethene
Concen: 2.450 ug/l
RT: 3.350 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

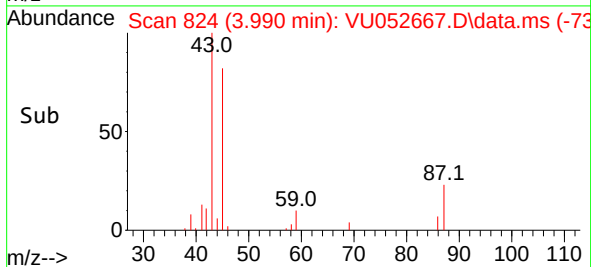
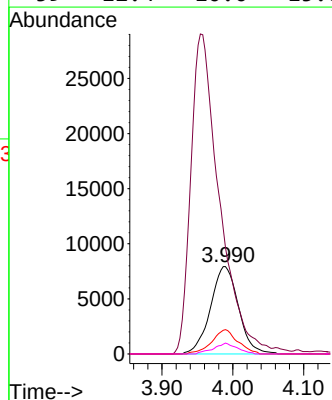
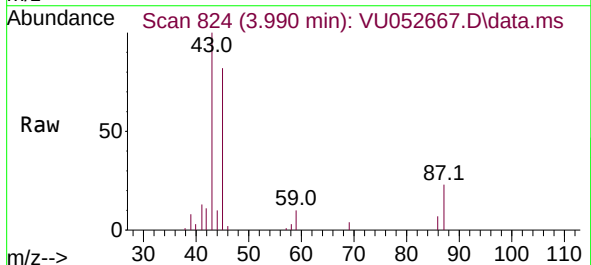
Instrument :
MSVOA_U
ClientSampleId :
MDL03

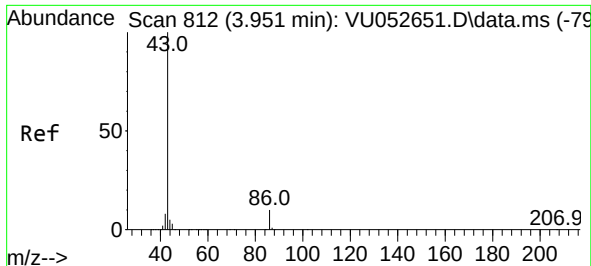
Tgt Ion: 96 Resp: 6239
Ion Ratio Lower Upper
96 100
61 152.2 106.1 159.1
98 69.8 50.8 76.2



#22
Diisopropyl ether
Concen: 2.447 ug/l
RT: 3.990 min Scan# 824
Delta R.T. 0.004 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

Tgt Ion: 45 Resp: 21799
Ion Ratio Lower Upper
45 100
43 115.8 92.9 139.3
87 27.8 26.2 39.2
59 12.4 10.0 15.0

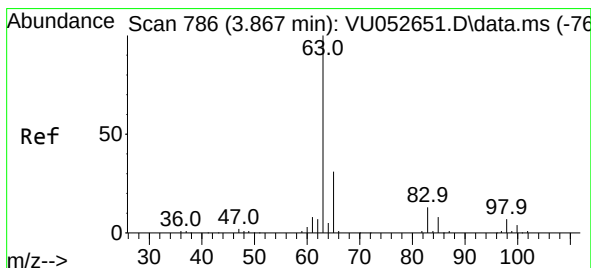
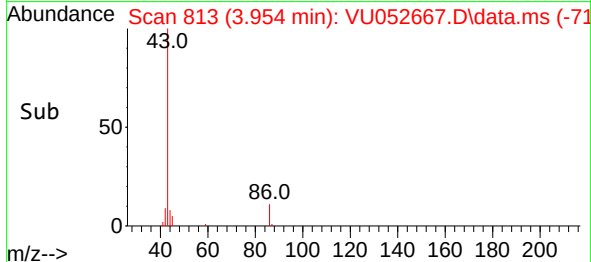
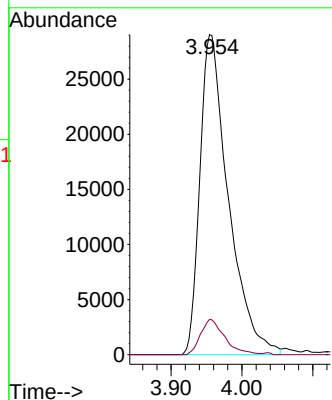
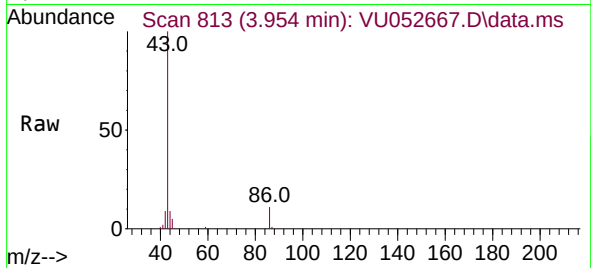




#23
 Vinyl Acetate
 Concen: 11.697 ug/l
 RT: 3.954 min Scan# 812
 Delta R.T. 0.003 min
 Lab File: VU052667.D
 Acq: 12 Jan 2023 15:36

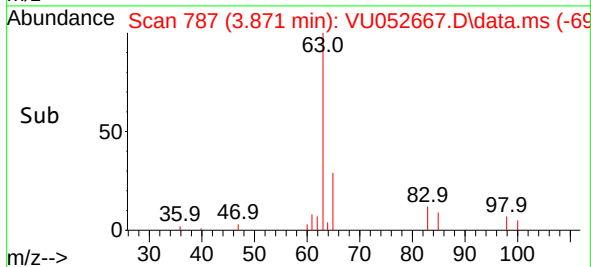
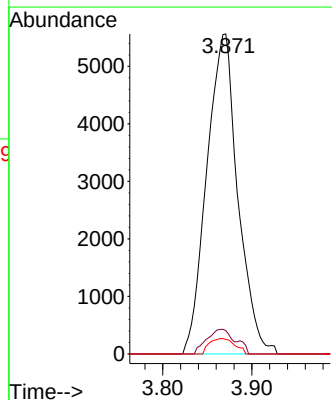
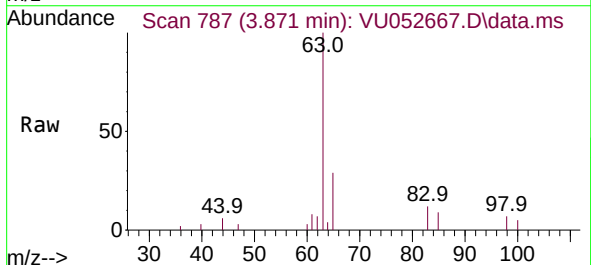
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

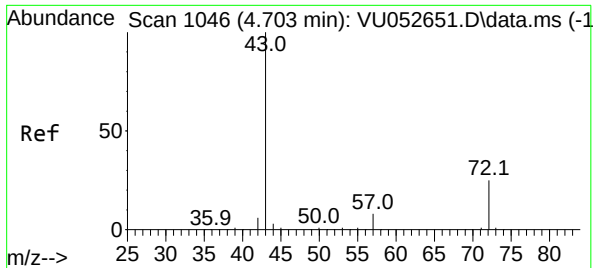
Tgt Ion: 43 Resp: 81178
 Ion Ratio Lower Upper
 43 100
 86 11.0 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 2.575 ug/l
 RT: 3.871 min Scan# 787
 Delta R.T. 0.004 min
 Lab File: VU052667.D
 Acq: 12 Jan 2023 15:36

Tgt Ion: 63 Resp: 13499
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 4.5 2.4 7.2

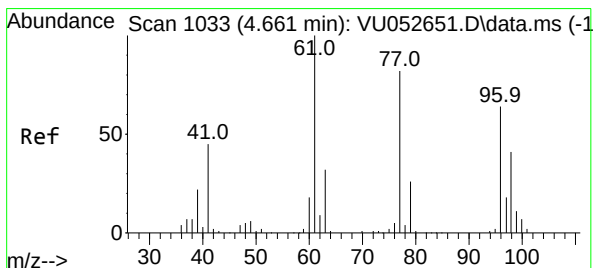
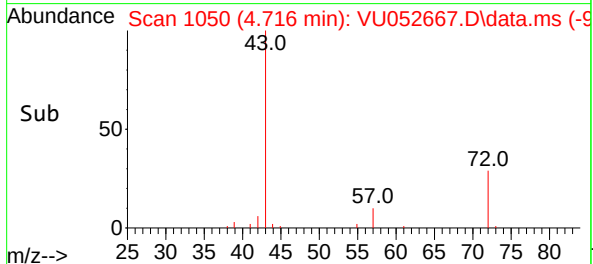
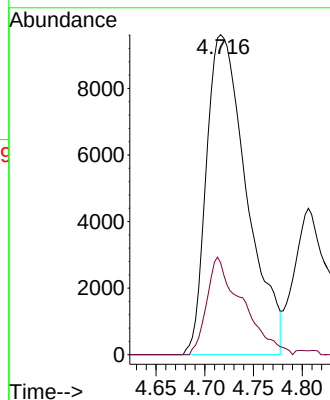
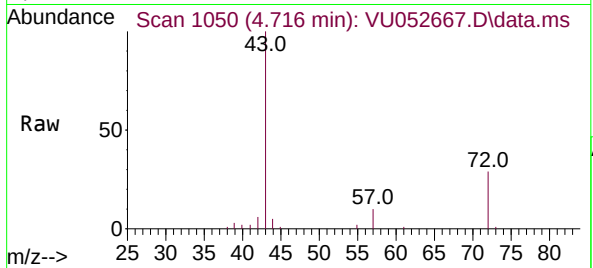




#25
2-Butanone
Concen: 12.215 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.013 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

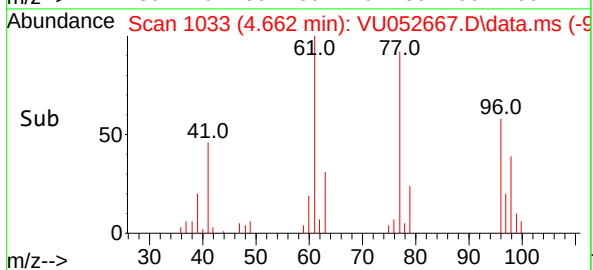
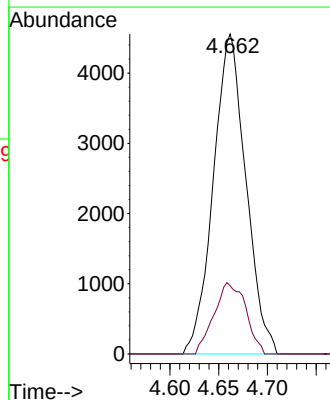
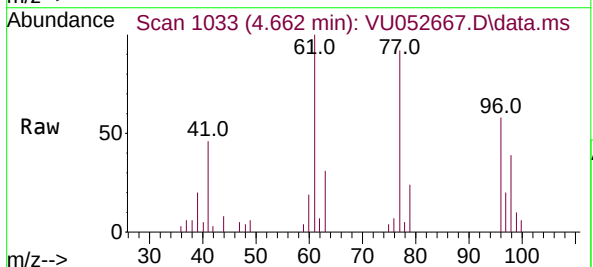
Instrument :
MSVOA_U
ClientSampleId :
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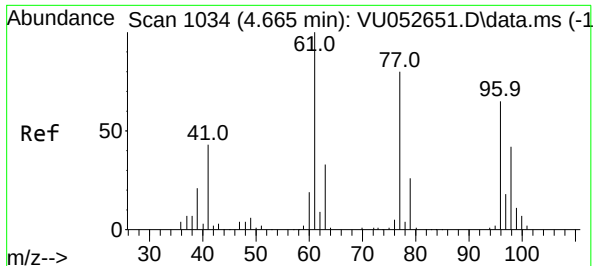
Tgt Ion: 43 Resp: 27684
Ion Ratio Lower Upper
43 100
72 28.7 23.8 35.6



#26
2,2-Dichloropropane
Concen: 2.590 ug/l
RT: 4.662 min Scan# 1033
Delta R.T. 0.001 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

Tgt Ion: 77 Resp: 10581
Ion Ratio Lower Upper
77 100
97 21.7 11.6 34.8

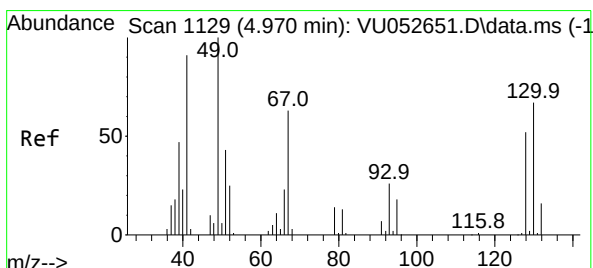
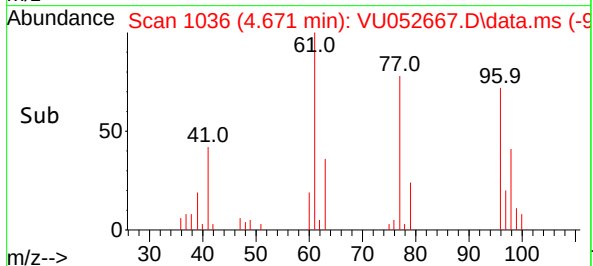
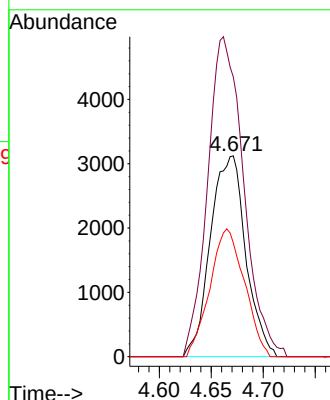
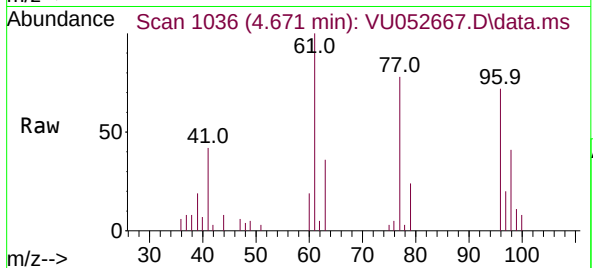




#27
 cis-1,2-Dichloroethene
 Concen: 2.539 ug/l
 RT: 4.671 min Scan# 1130
 Delta R.T. 0.006 min
 Lab File: VU052667.D
 Acq: 12 Jan 2023 15:36

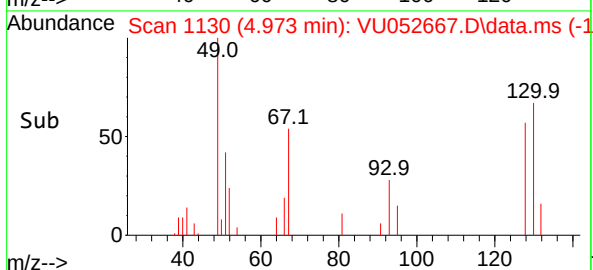
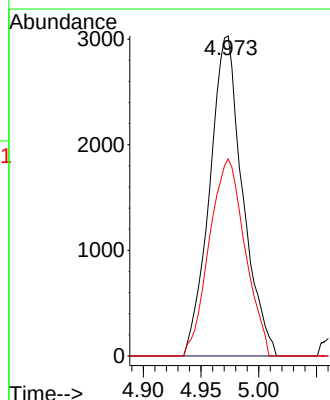
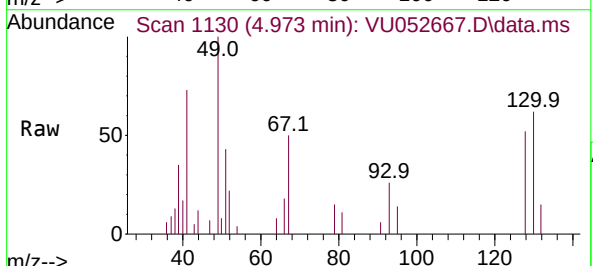
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

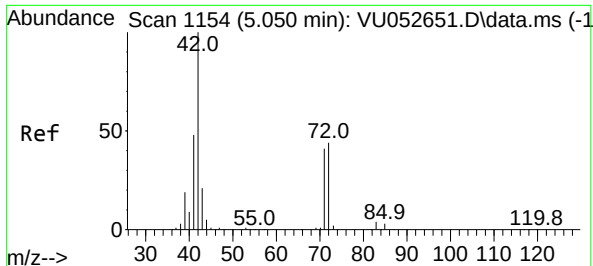
Tgt Ion:	96	Resp:	7384
Ion	Ratio	Lower	Upper
96	100		
61	162.3	0.0	271.6
98	62.3	0.0	128.2



#28
 Bromochloromethane
 Concen: 2.495 ug/l
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.003 min
 Lab File: VU052667.D
 Acq: 12 Jan 2023 15:36

Tgt Ion:	49	Resp:	6014
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	66.7	76.9	115.3#





#29

Tetrahydrofuran

Concen: 12.814 ug/l

RT: 5.060 min Scan# 1157

Delta R.T. 0.010 min

Lab File: VU052667.D

Acq: 12 Jan 2023 15:36

Instrument :

MSVOA_U

ClientSampleId :

MDL03

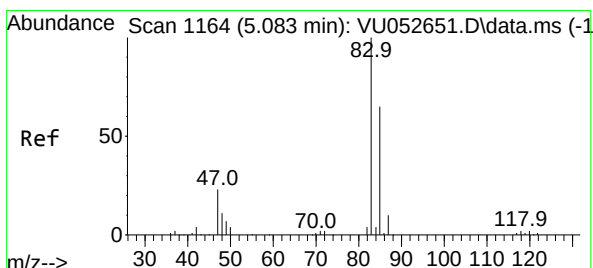
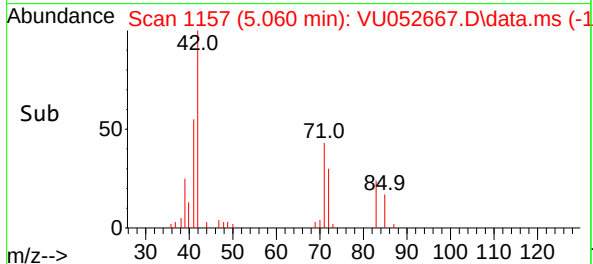
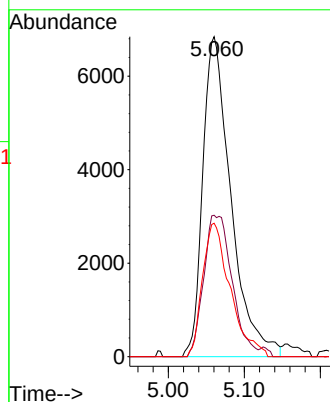
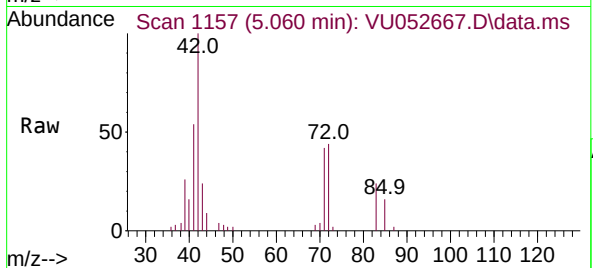
Tgt Ion: 42 Resp: 17613

Ion Ratio Lower Upper

42 100

72 44.5 42.6 63.8

71 41.0 40.3 60.5



#30

Chloroform

Concen: 2.780 ug/l

RT: 5.083 min Scan# 1164

Delta R.T. -0.000 min

Lab File: VU052667.D

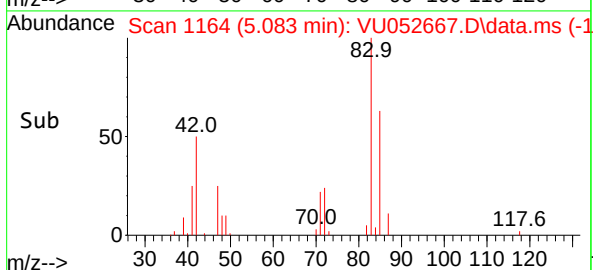
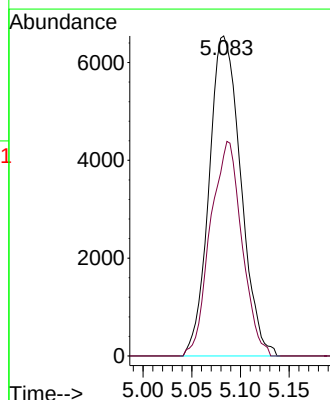
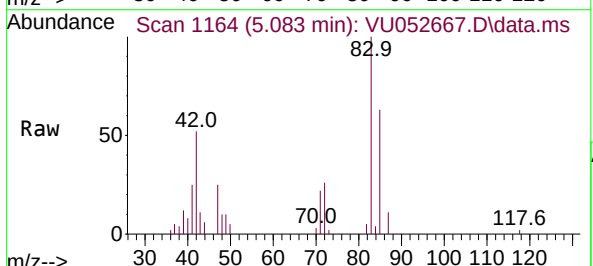
Acq: 12 Jan 2023 15:36

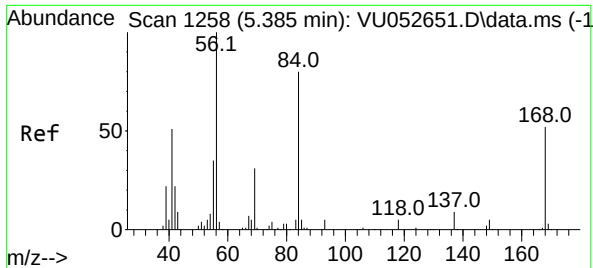
Tgt Ion: 83 Resp: 14819

Ion Ratio Lower Upper

83 100

85 62.6 51.2 76.8

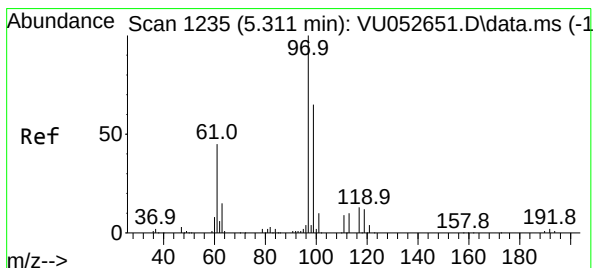
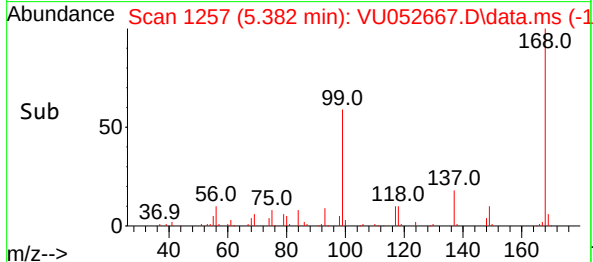
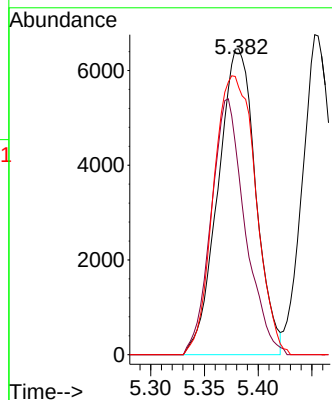
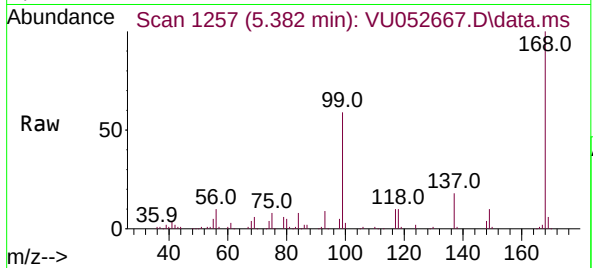




#31
Cyclohexane
Concen: 3.180 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

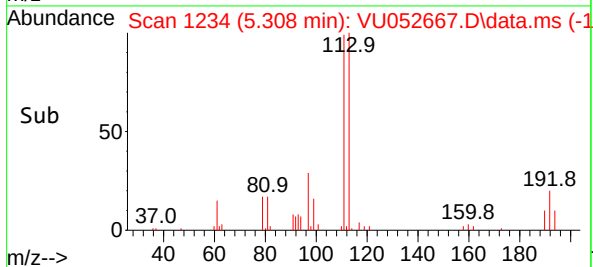
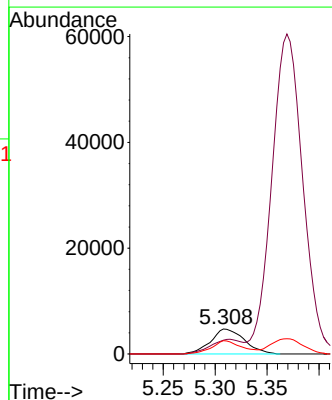
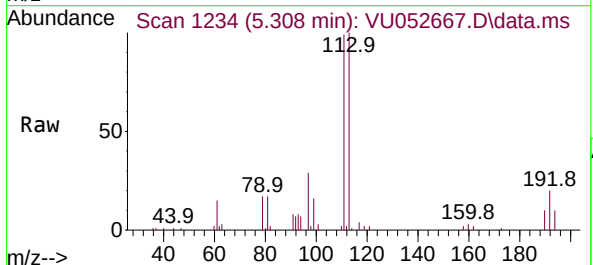
Instrument :
MSVOA_U
ClientSampleId :
MDL03

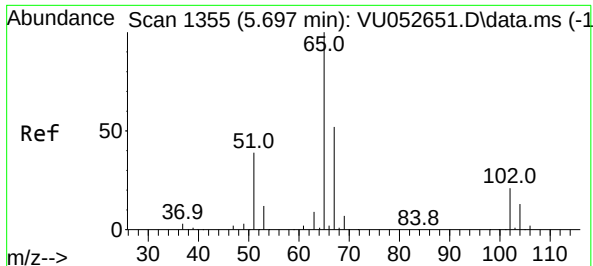
Tgt Ion: 56 Resp: 15791
Ion Ratio Lower Upper
56 100
69 59.4 27.8 41.8#
84 87.4 74.2 111.4



#32
1,1,1-Trichloroethane
Concen: 2.550 ug/l
RT: 5.308 min Scan# 1234
Delta R.T. -0.003 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

Tgt Ion: 97 Resp: 10643
Ion Ratio Lower Upper
97 100
99 53.1 51.8 77.6
61 48.9 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 53.738 ug/l

RT: 5.697 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU052667.D

Acq: 12 Jan 2023 15:36

Instrument :

MSVOA_U

ClientSampleId :

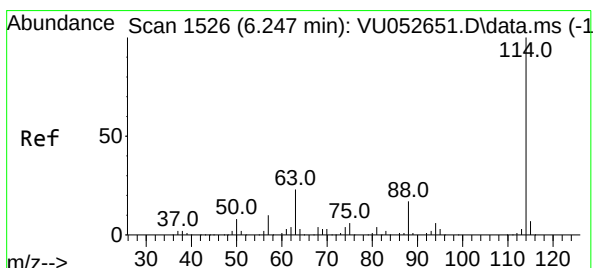
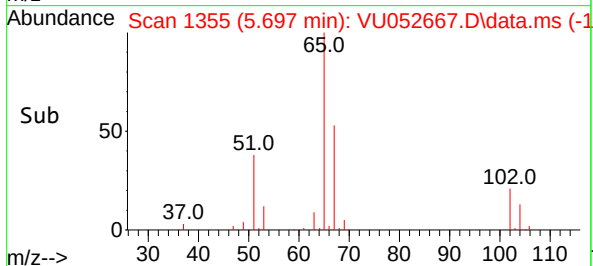
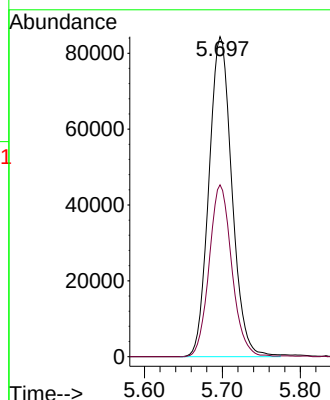
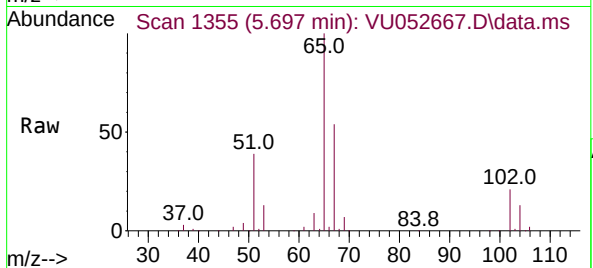
MDL03

Tgt Ion: 65 Resp: 172966

Ion Ratio Lower Upper

65 100

67 52.8 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.244 min Scan# 1525

Delta R.T. -0.003 min

Lab File: VU052667.D

Acq: 12 Jan 2023 15:36

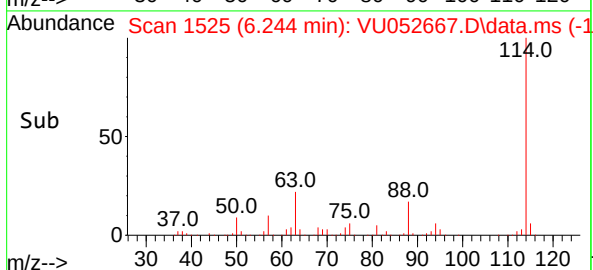
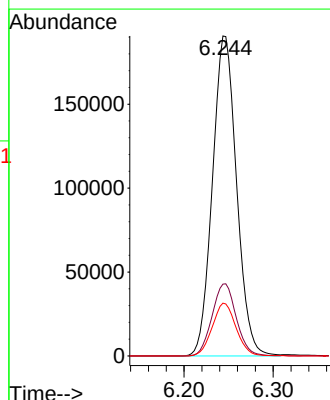
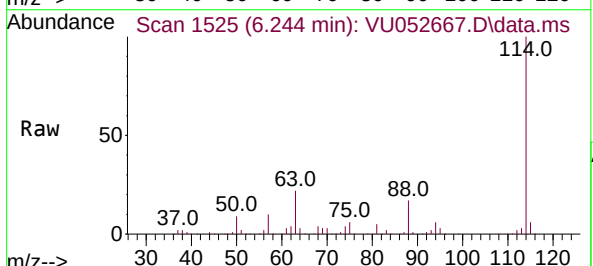
Tgt Ion: 114 Resp: 358512

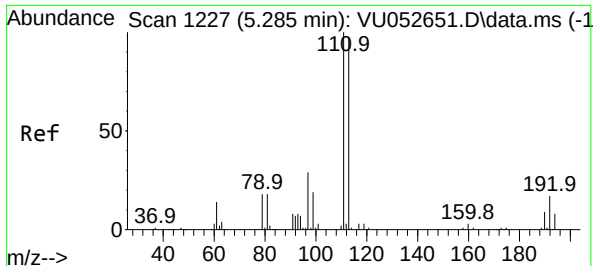
Ion Ratio Lower Upper

114 100

63 22.5 0.0 37.8

88 16.5 0.0 29.2

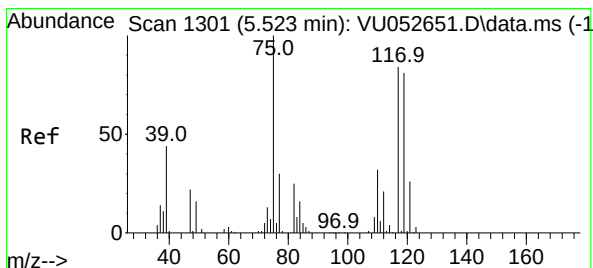
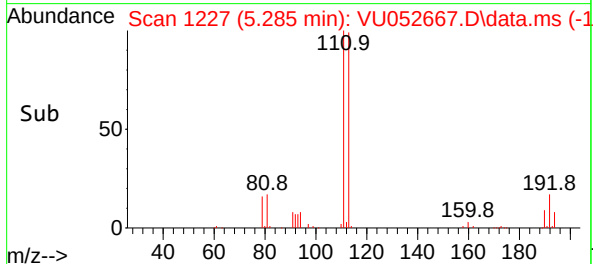
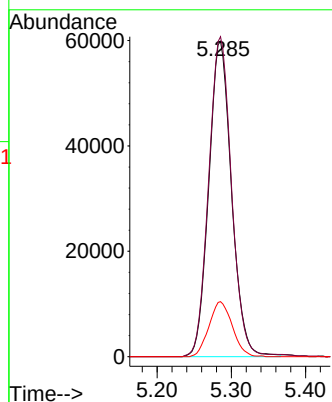
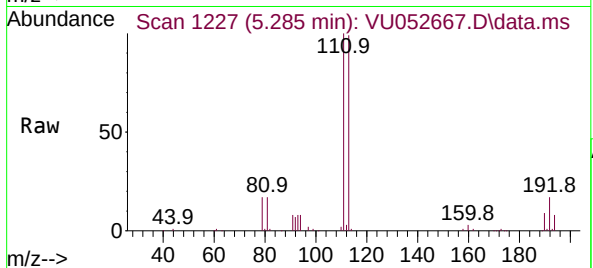




#35
Dibromofluoromethane
Concen: 51.451 ug/l
RT: 5.285 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

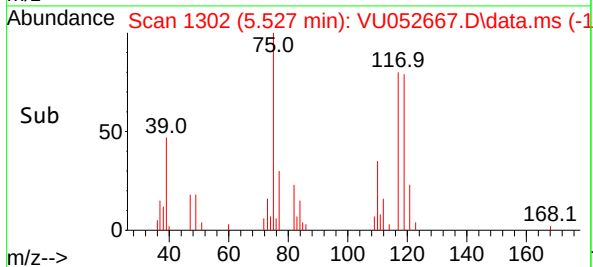
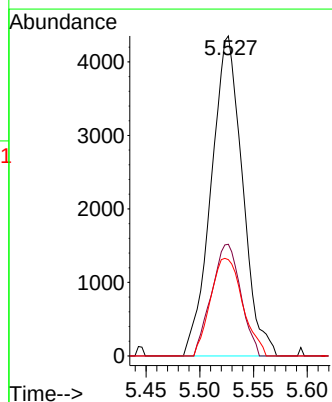
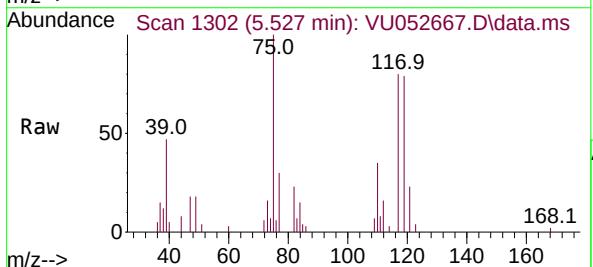
Instrument :
MSVOA_U
ClientSampleId :
MDL03

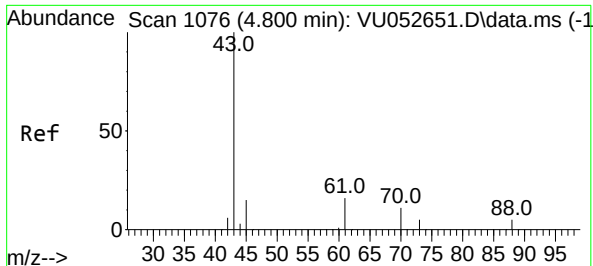
Tgt Ion:113 Resp: 127052
Ion Ratio Lower Upper
113 100
111 101.9 82.1 123.1
192 17.9 18.0 27.0#



#36
1,1-Dichloropropene
Concen: 2.259 ug/l
RT: 5.527 min Scan# 1302
Delta R.T. 0.004 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

Tgt Ion: 75 Resp: 8780
Ion Ratio Lower Upper
75 100
110 32.6 18.4 55.2
77 31.4 25.1 37.7





#37

Ethyl Acetate

Concen: 2.138 ug/l

RT: 4.806 min Scan# 1076

Delta R.T. 0.006 min

Lab File: VU052667.D

Acq: 12 Jan 2023 15:36

Instrument :

MSVOA_U

ClientSampleId :

MDL03

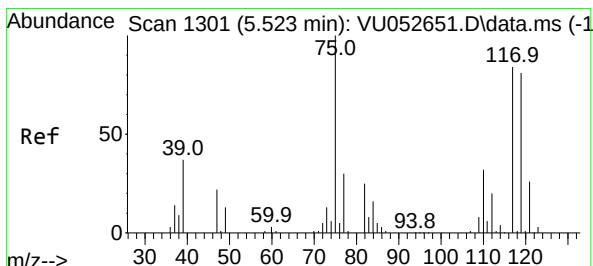
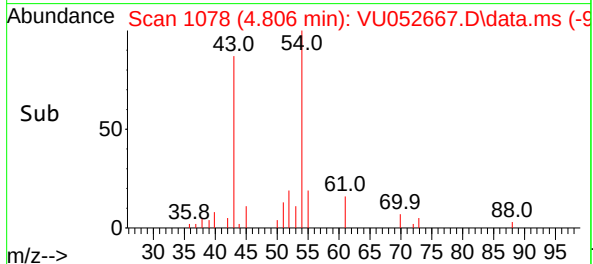
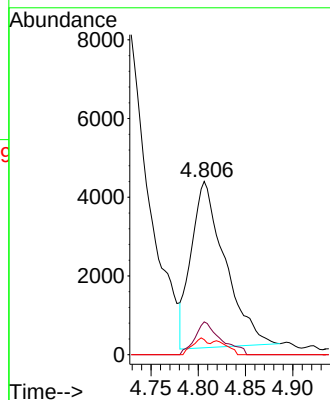
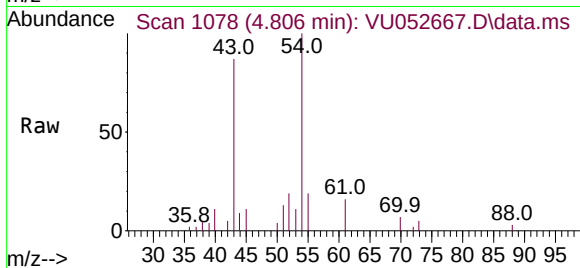
Tgt Ion: 43 Resp: 10527

Ion Ratio Lower Upper

43 100

61 15.2 9.5 14.3#

70 4.7 7.5 11.3#



#38

Carbon Tetrachloride

Concen: 2.360 ug/l

RT: 5.517 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VU052667.D

Acq: 12 Jan 2023 15:36

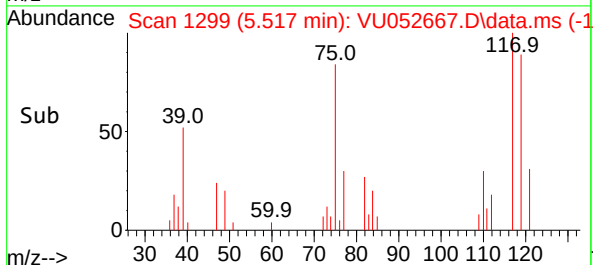
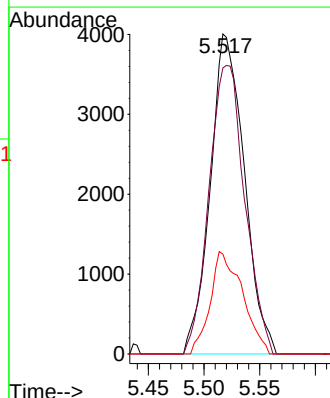
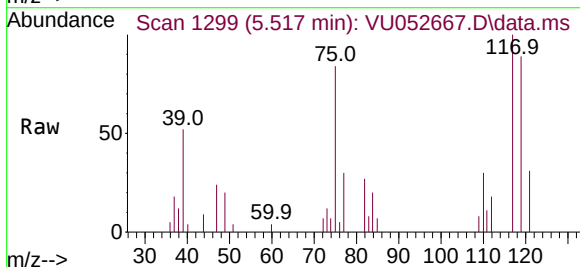
Tgt Ion: 117 Resp: 8506

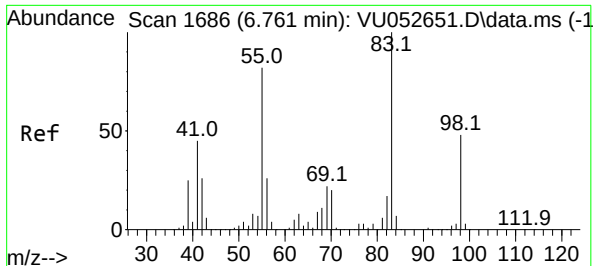
Ion Ratio Lower Upper

117 100

119 89.4 76.8 115.2

121 31.2 24.7 37.1





#39

Methylcyclohexane

Concen: 2.187 ug/l

RT: 6.761 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052667.D

Acq: 12 Jan 2023 15:36

Instrument :

MSVOA_U

ClientSampleId :

MDL03

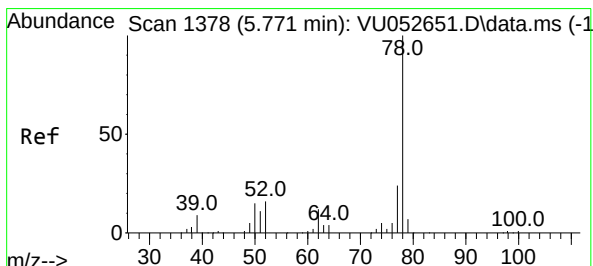
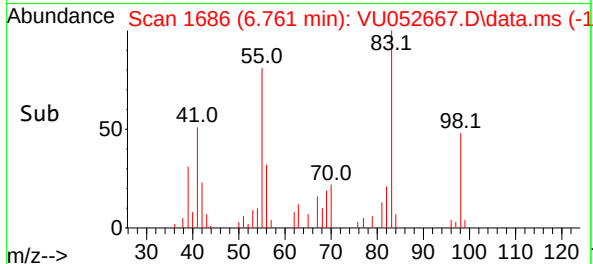
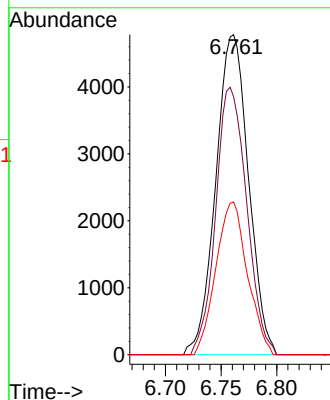
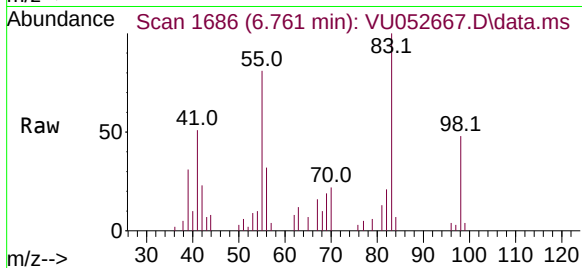
Tgt Ion: 83 Resp: 9775

Ion Ratio Lower Upper

83 100

55 80.6 55.3 82.9

98 47.8 37.3 55.9



#40

Benzene

Concen: 2.523 ug/l

RT: 5.771 min Scan# 1378

Delta R.T. -0.000 min

Lab File: VU052667.D

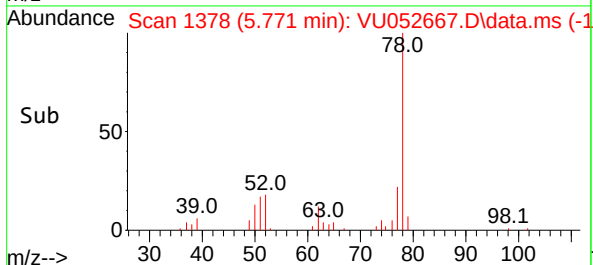
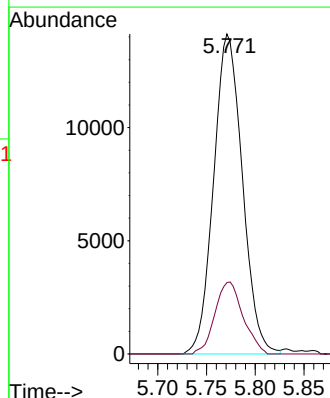
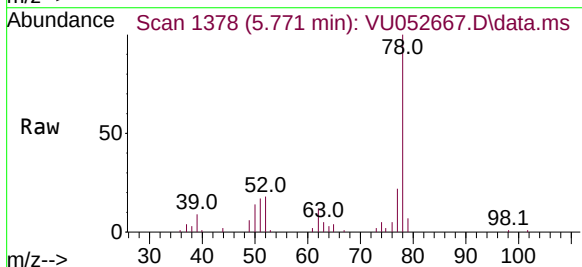
Acq: 12 Jan 2023 15:36

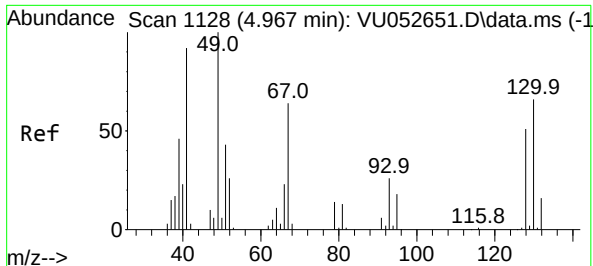
Tgt Ion: 78 Resp: 28979

Ion Ratio Lower Upper

78 100

77 22.3 18.8 28.2

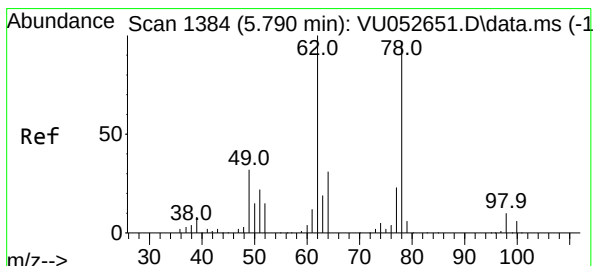
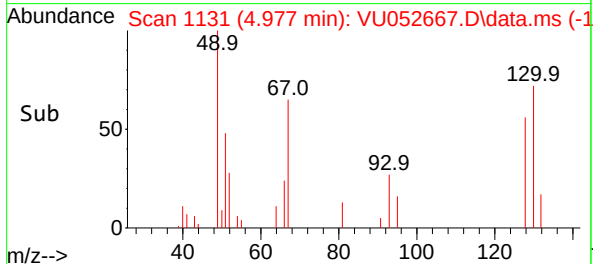
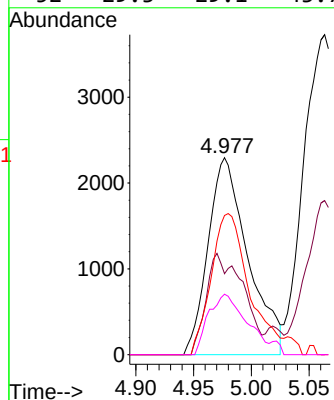
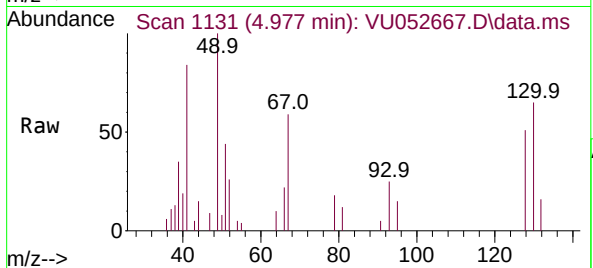




#41
Methacrylonitrile
Concen: 2.389 ug/l
RT: 4.977 min Scan# 1128
Delta R.T. 0.010 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

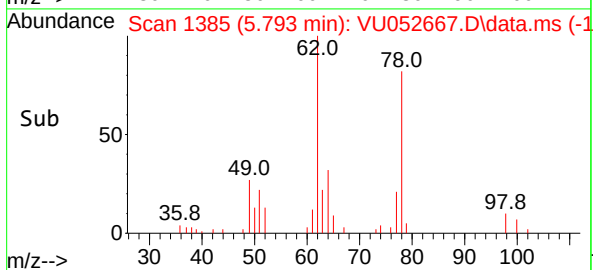
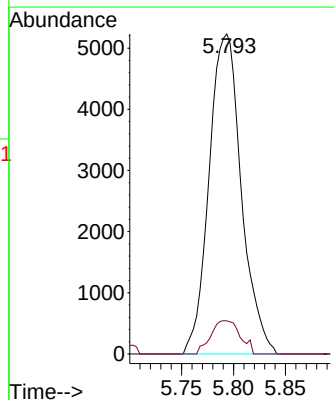
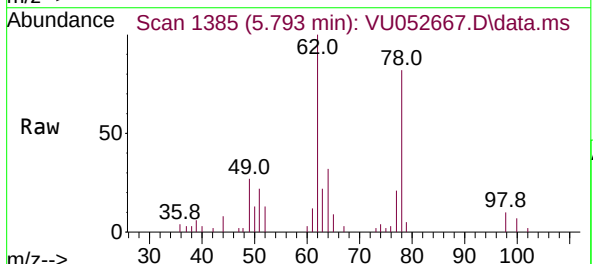
Instrument :
MSVOA_U
ClientSampleId :
MDL03

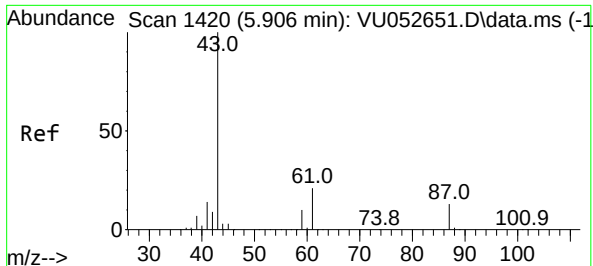
Tgt Ion: 41	Resp: 5521
Ion Ratio	Lower Upper
41 100	
39 23.3	43.1 64.7#
67 68.3	72.3 108.5#
52 29.3	29.1 43.7



#42
1,2-Dichloroethane
Concen: 2.736 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.003 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

Tgt Ion: 62	Resp: 11298
Ion Ratio	Lower Upper
62 100	
98 9.4	0.0 18.6





#43

Isopropyl Acetate

Concen: 2.456 ug/l

RT: 5.912 min Scan# 1420

Delta R.T. 0.006 min

Lab File: VU052667.D

Acq: 12 Jan 2023 15:36

Instrument :

MSVOA_U

ClientSampleId :

MDL03

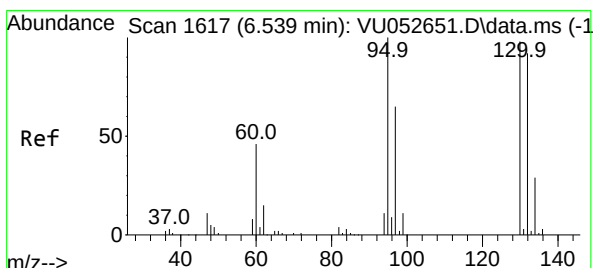
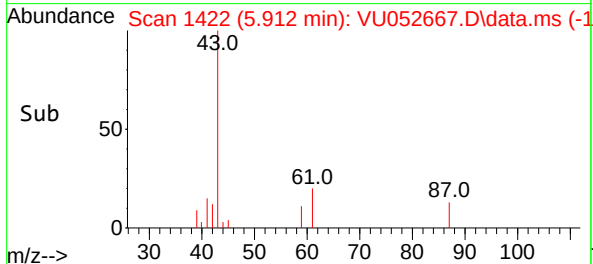
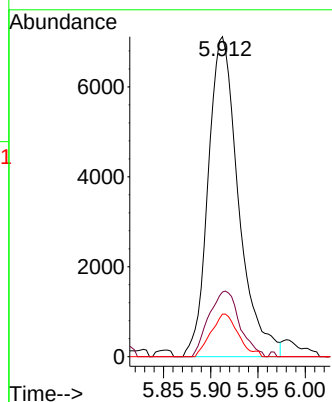
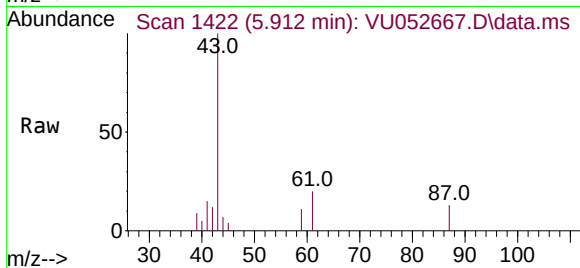
Tgt Ion: 43 Resp: 15873

Ion Ratio Lower Upper

43 100

61 20.8 17.4 26.0

87 12.0 12.6 18.8#



#44

Trichloroethene

Concen: 2.424 ug/l

RT: 6.539 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VU052667.D

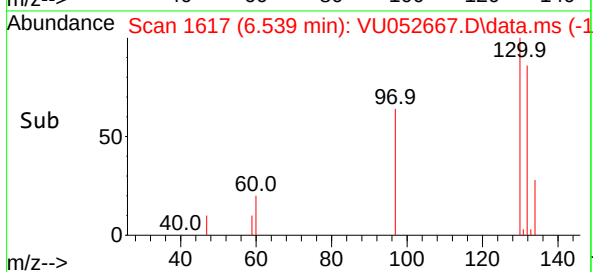
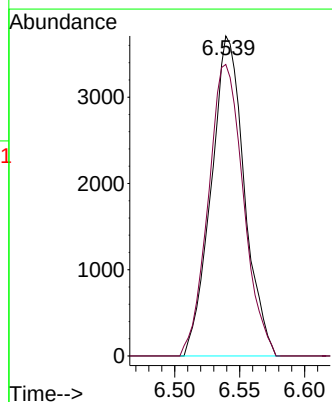
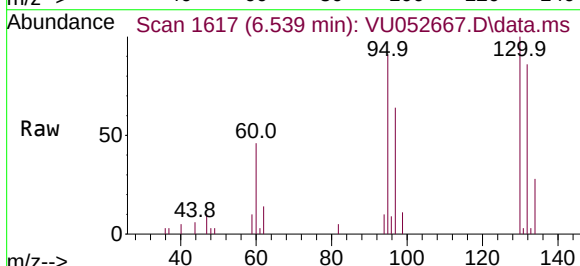
Acq: 12 Jan 2023 15:36

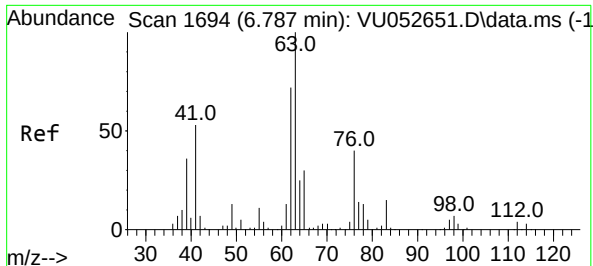
Tgt Ion:130 Resp: 6578

Ion Ratio Lower Upper

130 100

95 91.1 0.0 184.6





#45

1,2-Dichloropropane

Concen: 2.390 ug/l

RT: 6.787 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052667.D

Acq: 12 Jan 2023 15:36

Instrument :

MSVOA_U

ClientSampleId :

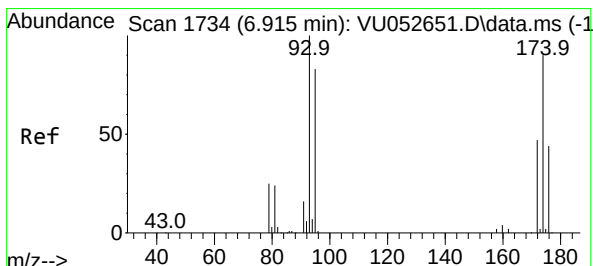
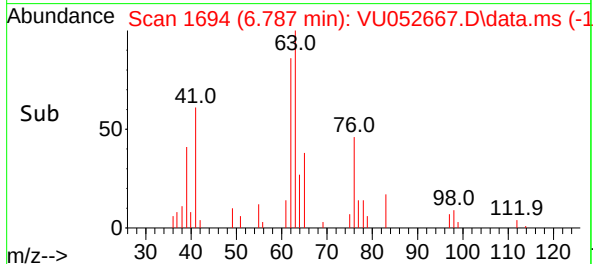
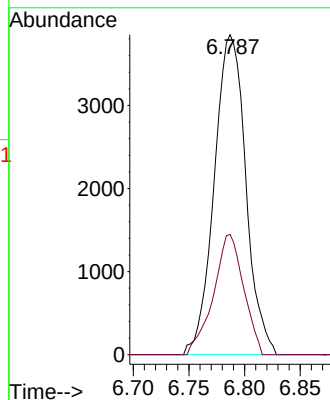
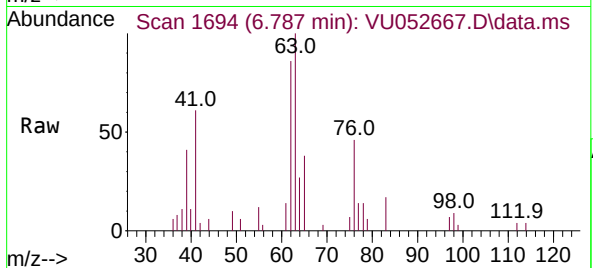
MDL03

Tgt Ion: 63 Resp: 7602

Ion Ratio Lower Upper

63 100

65 37.6 25.0 37.4#



#46

Dibromomethane

Concen: 2.680 ug/l

RT: 6.916 min Scan# 1734

Delta R.T. 0.001 min

Lab File: VU052667.D

Acq: 12 Jan 2023 15:36

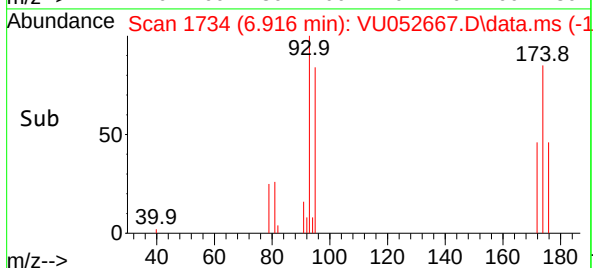
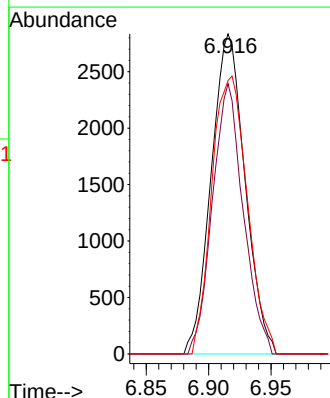
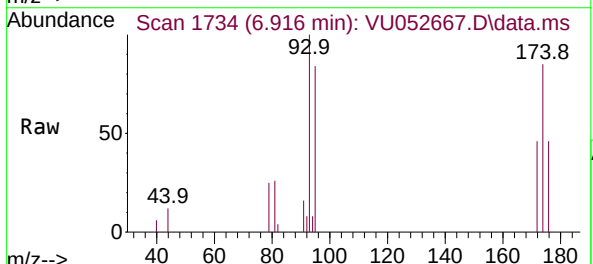
Tgt Ion: 93 Resp: 5348

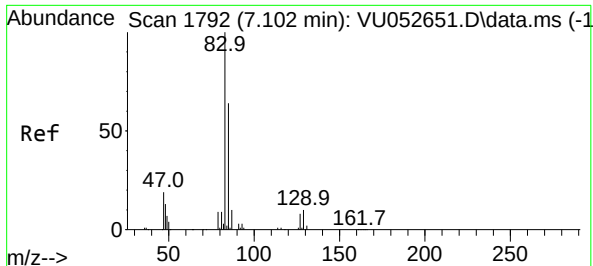
Ion Ratio Lower Upper

93 100

95 77.0 66.3 99.5

174 90.9 88.2 132.4





#47

Bromodichloromethane

Concen: 2.509 ug/l

RT: 7.102 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VU052667.D

Acq: 12 Jan 2023 15:36

Instrument :

MSVOA_U

ClientSampleId :

MDL03

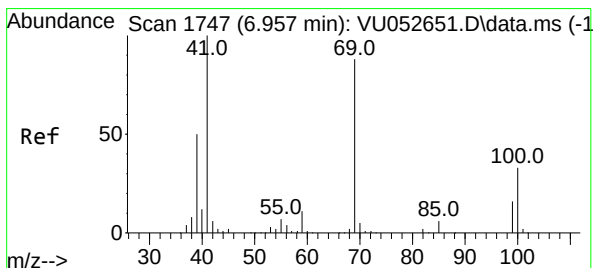
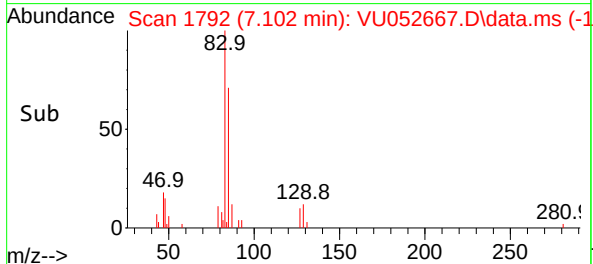
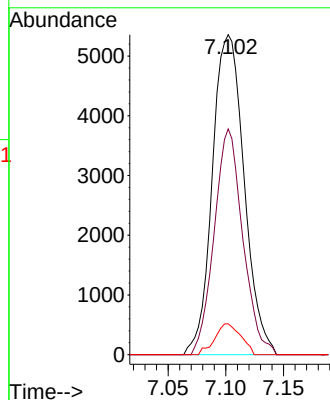
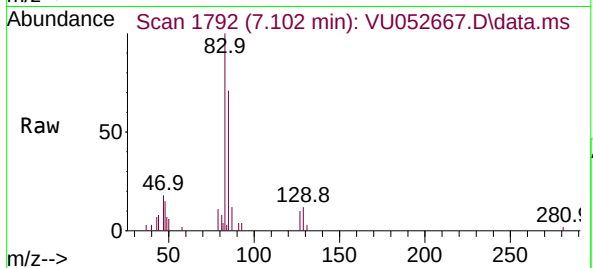
Tgt Ion: 83 Resp: 10268

Ion Ratio Lower Upper

83 100

85 70.5 51.4 77.2

127 9.6 7.1 10.7



#48

Methyl methacrylate

Concen: 2.236 ug/l

RT: 6.957 min Scan# 1747

Delta R.T. 0.000 min

Lab File: VU052667.D

Acq: 12 Jan 2023 15:36

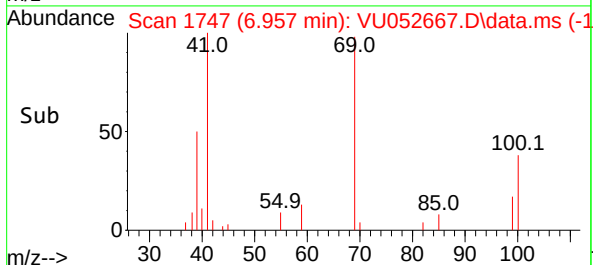
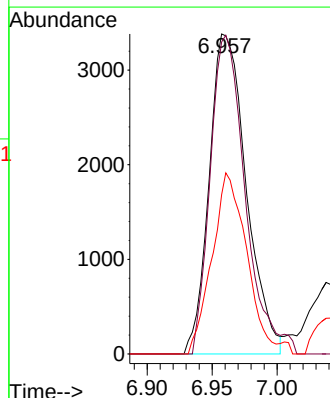
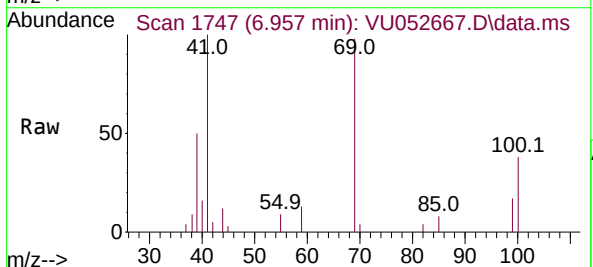
Tgt Ion: 41 Resp: 6713

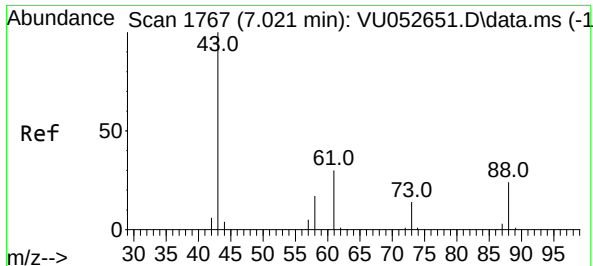
Ion Ratio Lower Upper

41 100

69 94.0 79.8 119.6

39 52.5 47.9 71.9





#49

1,4-Dioxane

Concen: 49.980 ug/l

RT: 7.038 min Scan# 1

Delta R.T. 0.017 min

Lab File: VU052667.D

Acq: 12 Jan 2023 15:36

Instrument :

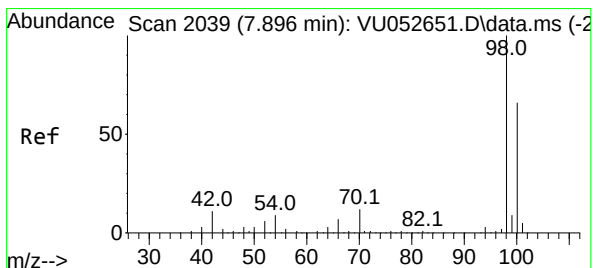
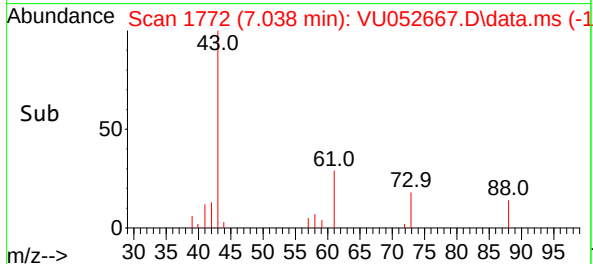
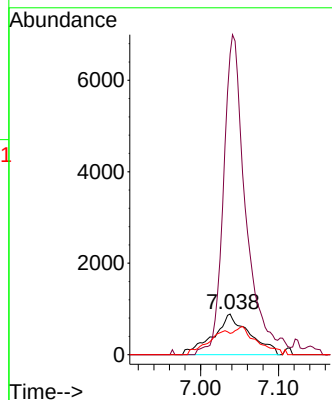
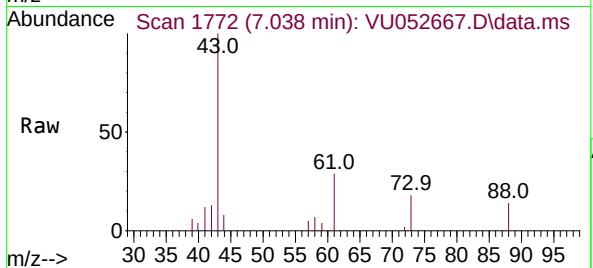
MSVOA_U

ClientSampleId :

MDL03

Tgt Ion: 88 Resp: 2850

Ion	Ratio	Lower	Upper
88	100		
43	482.0	0.0	0.0#
58	36.0	15.4	23.0#



#50

Toluene-d8

Concen: 48.304 ug/l

RT: 7.893 min Scan# 2038

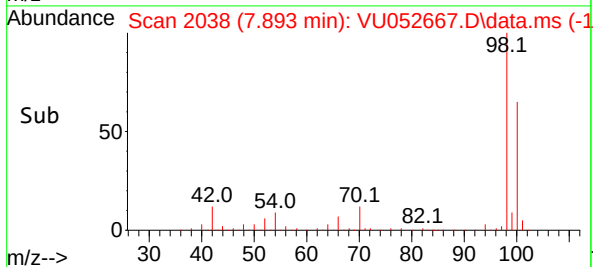
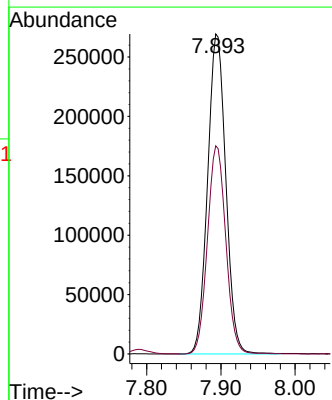
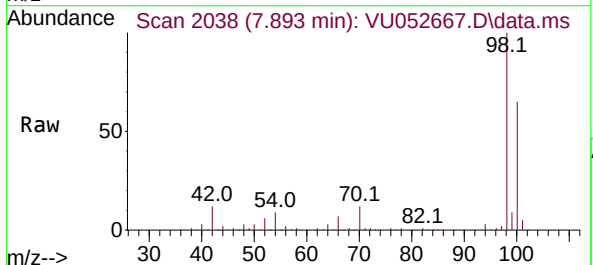
Delta R.T. -0.003 min

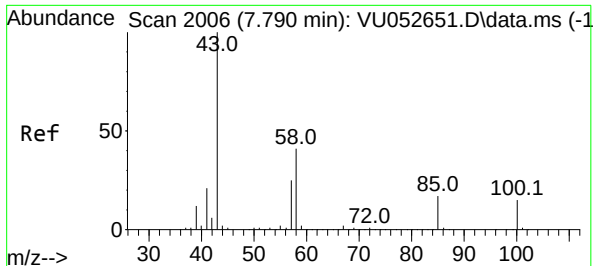
Lab File: VU052667.D

Acq: 12 Jan 2023 15:36

Tgt Ion: 98 Resp: 457940

Ion	Ratio	Lower	Upper
98	100		
100	65.6	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 11.592 ug/l

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU052667.D

Acq: 12 Jan 2023 15:36

Instrument :

MSVOA_U

ClientSampleId :

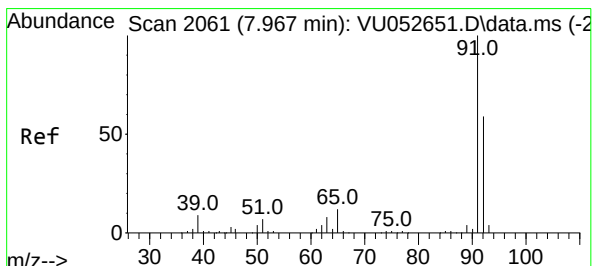
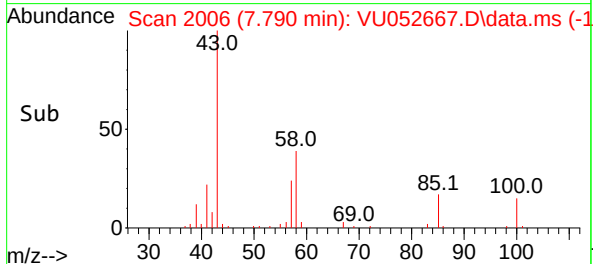
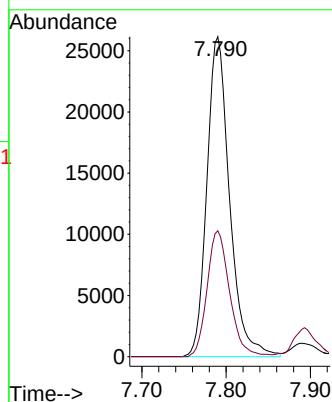
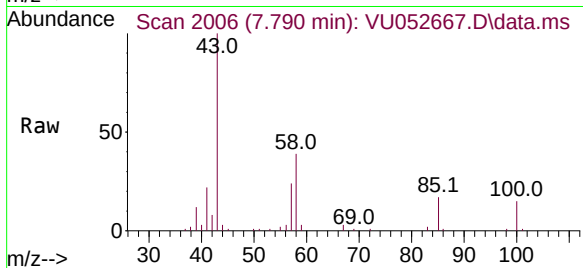
MDL03

Tgt Ion: 43 Resp: 48956

Ion Ratio Lower Upper

43 100

58 39.2 34.7 52.1



#52

Toluene

Concen: 2.593 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU052667.D

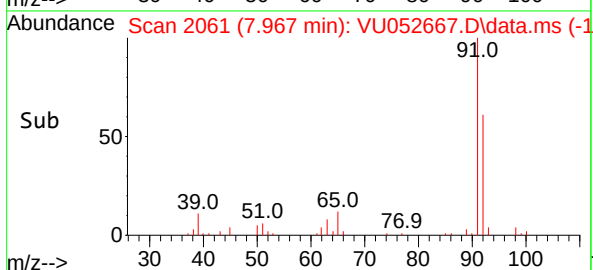
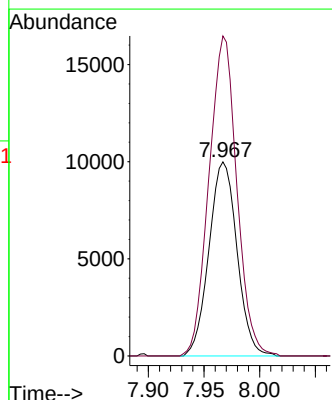
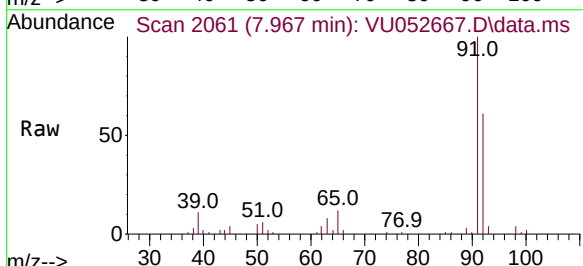
Acq: 12 Jan 2023 15:36

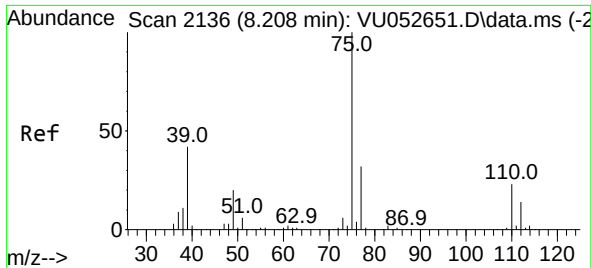
Tgt Ion: 92 Resp: 17513

Ion Ratio Lower Upper

92 100

91 163.6 138.2 207.4

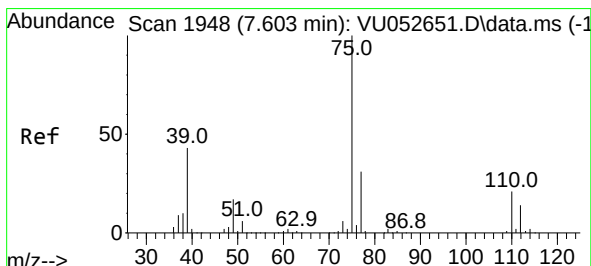
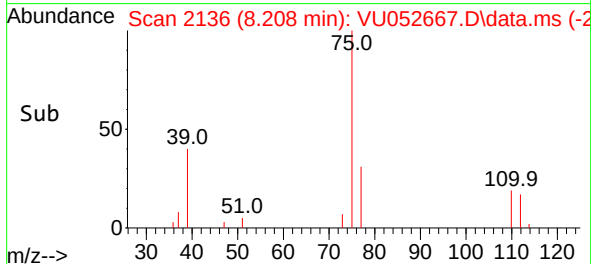
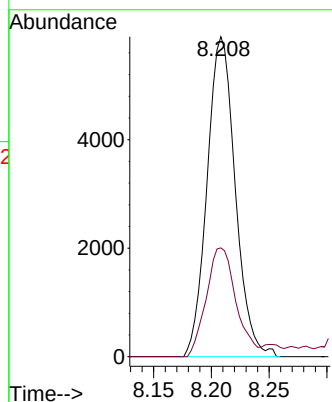
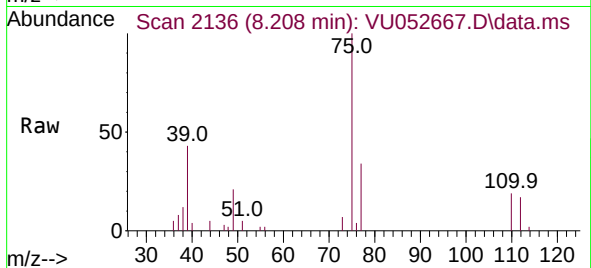




#53
 t-1,3-Dichloropropene
 Concen: 2.316 ug/l
 RT: 8.208 min Scan# 2136
 Delta R.T. 0.000 min
 Lab File: VU052667.D
 Acq: 12 Jan 2023 15:36

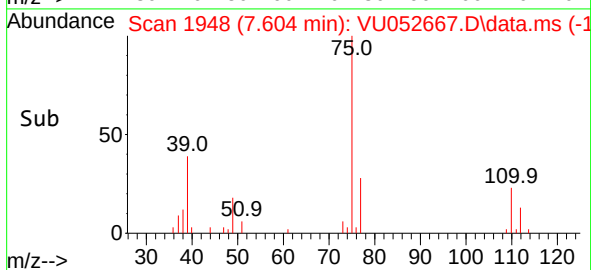
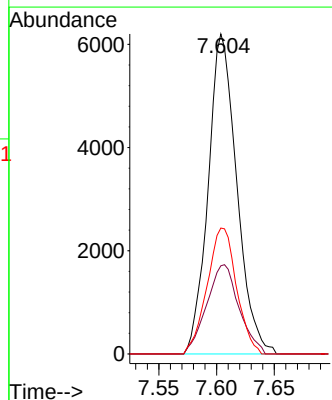
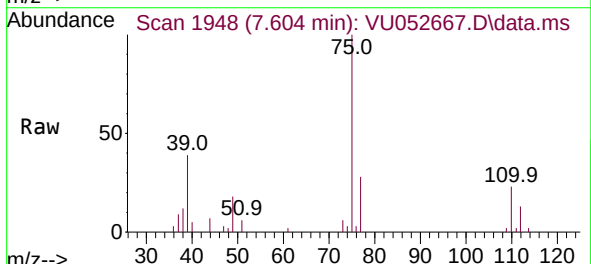
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

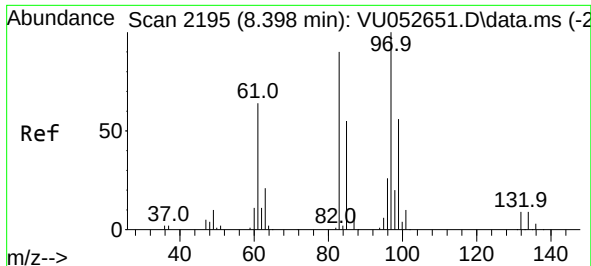
Tgt Ion: 75 Resp: 10003
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 2.274 ug/l
 RT: 7.604 min Scan# 1948
 Delta R.T. 0.001 min
 Lab File: VU052667.D
 Acq: 12 Jan 2023 15:36

Tgt Ion: 75 Resp: 10696
 Ion Ratio Lower Upper
 75 100
 77 27.5 25.7 38.5
 39 39.3 33.0 49.6

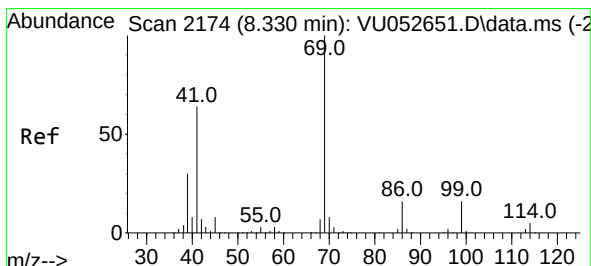
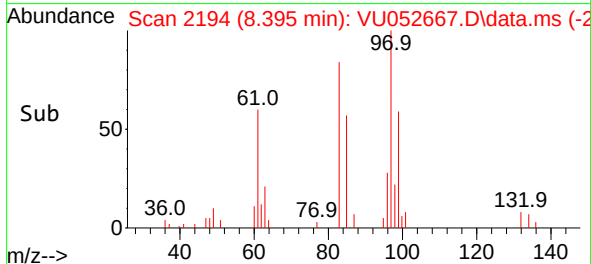
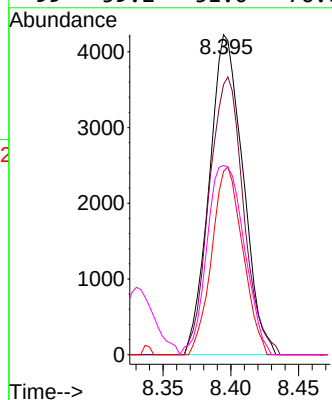
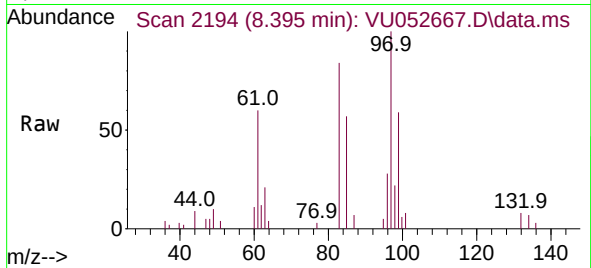




#55
 1,1,2-Trichloroethane
 Concen: 2.615 ug/l
 RT: 8.395 min Scan# 2195
 Delta R.T. -0.003 min
 Lab File: VU052667.D
 Acq: 12 Jan 2023 15:36

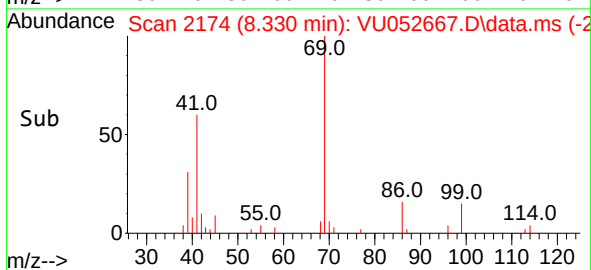
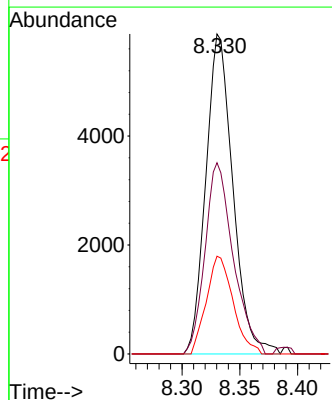
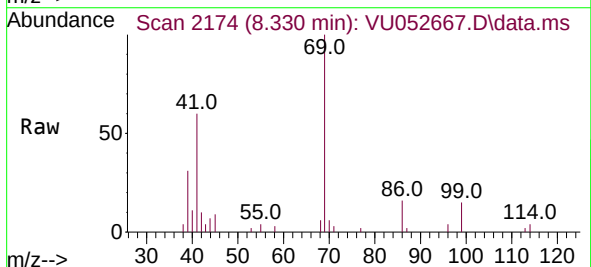
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

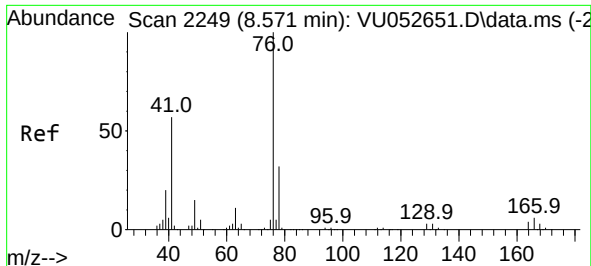
Tgt Ion: 97	Resp: 7287
Ion Ratio	Lower Upper
97 100	
83 84.4	70.2 105.4
85 57.2	44.6 66.8
99 59.2	51.0 76.6



#56
 Ethyl methacrylate
 Concen: 2.325 ug/l
 RT: 8.330 min Scan# 2174
 Delta R.T. 0.000 min
 Lab File: VU052667.D
 Acq: 12 Jan 2023 15:36

Tgt Ion: 69	Resp: 9558
Ion Ratio	Lower Upper
69 100	
41 62.4	45.4 68.0
39 30.1	25.7 38.5





#57

1,3-Dichloropropane

Concen: 2.620 ug/l

RT: 8.571 min Scan# 2249

Delta R.T. 0.000 min

Lab File: VU052667.D

Acq: 12 Jan 2023 15:36

Instrument :

MSVOA_U

ClientSampleId :

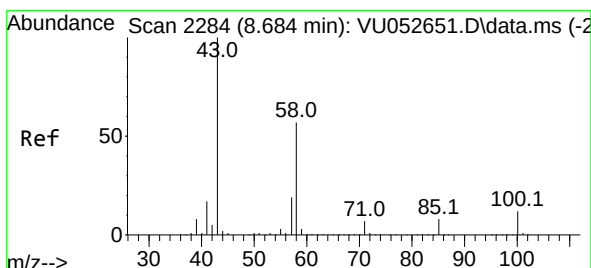
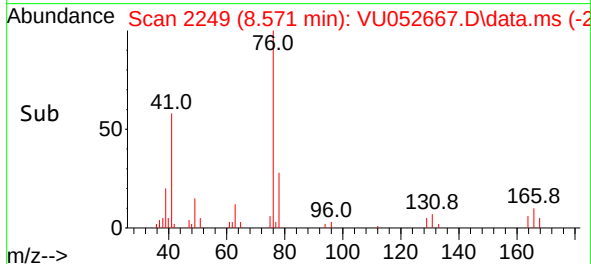
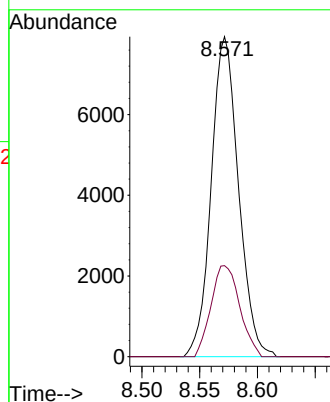
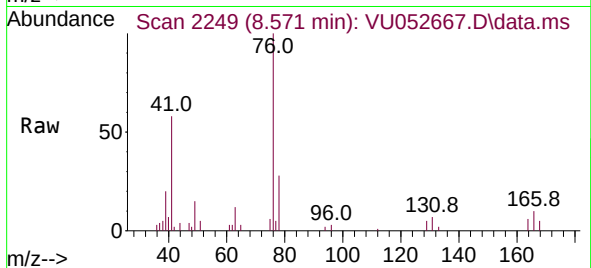
MDL03

Tgt Ion: 76 Resp: 13041

Ion Ratio Lower Upper

76 100

78 29.9 26.1 39.1



#59

2-Hexanone

Concen: 11.508 ug/l

RT: 8.684 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VU052667.D

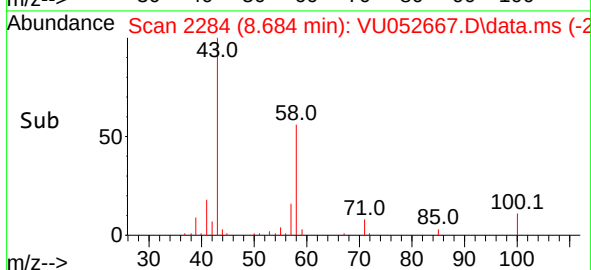
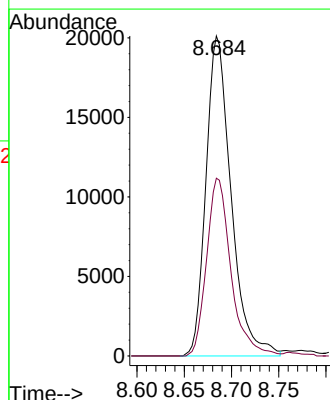
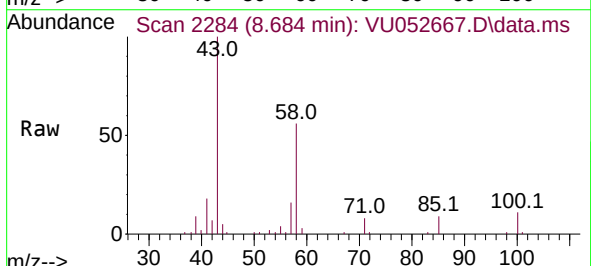
Acq: 12 Jan 2023 15:36

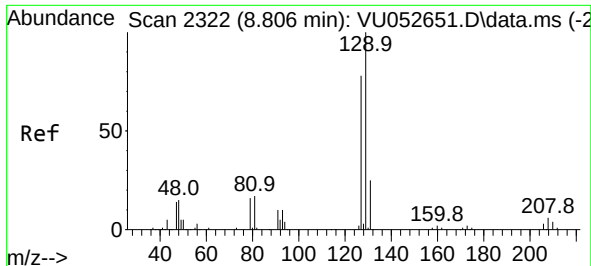
Tgt Ion: 43 Resp: 37150

Ion Ratio Lower Upper

43 100

58 53.9 30.3 90.8

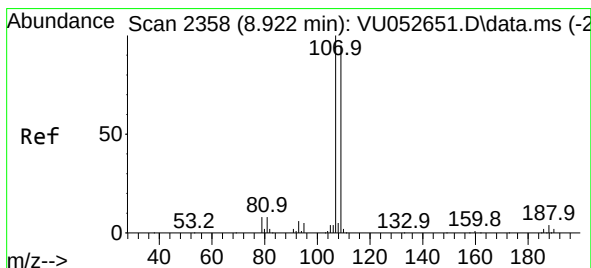
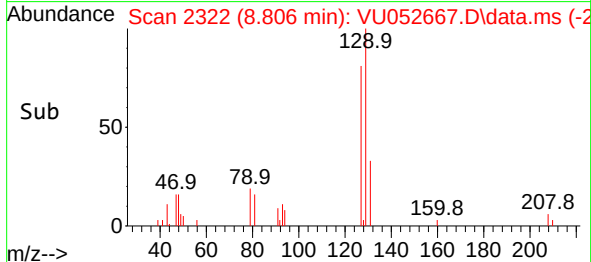
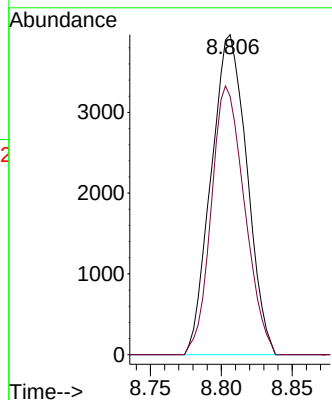
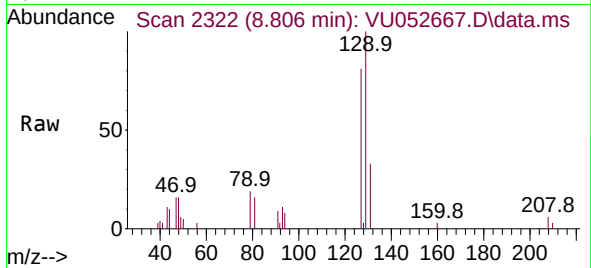




#60
Dibromochloromethane
Concen: 2.406 ug/l
RT: 8.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

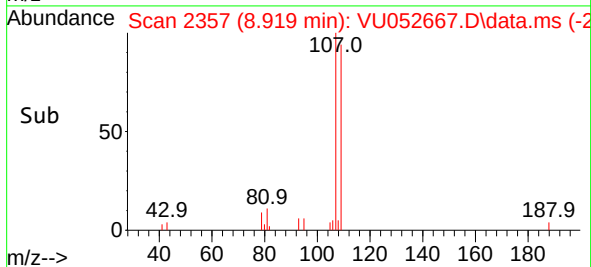
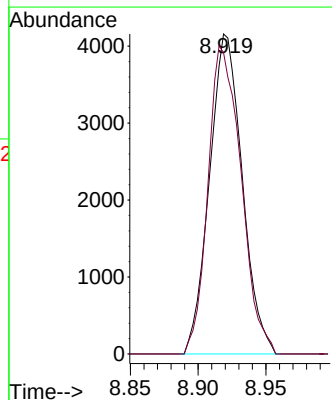
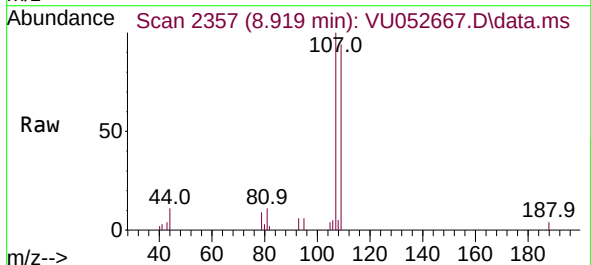
Instrument :
MSVOA_U
ClientSampleId :
MDL03

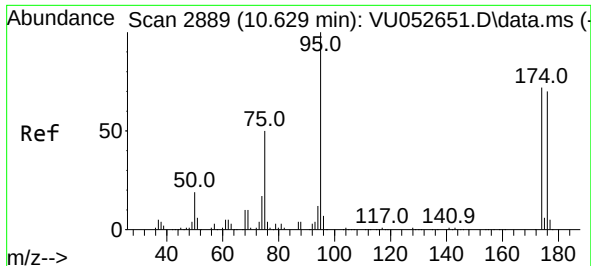
Tgt Ion:129 Resp: 6964
Ion Ratio Lower Upper
129 100
127 78.1 38.6 116.0



#61
1,2-Dibromoethane
Concen: 2.473 ug/l
RT: 8.919 min Scan# 2357
Delta R.T. -0.003 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

Tgt Ion:107 Resp: 6987
Ion Ratio Lower Upper
107 100
109 97.2 75.1 112.7

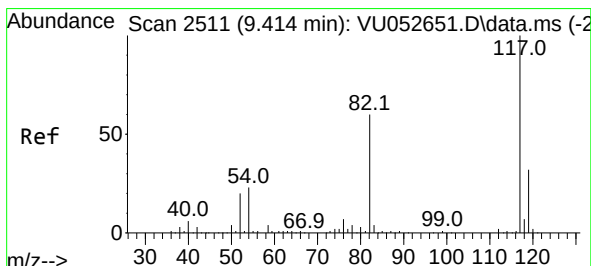
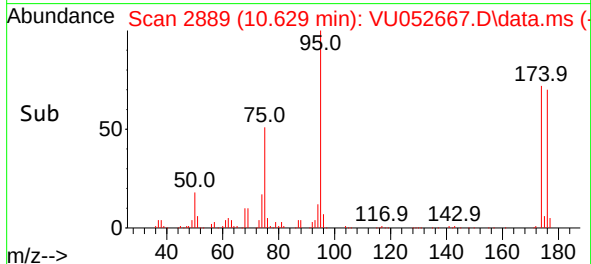
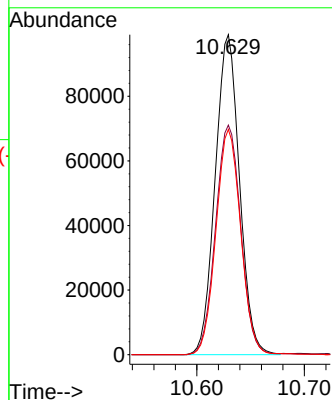
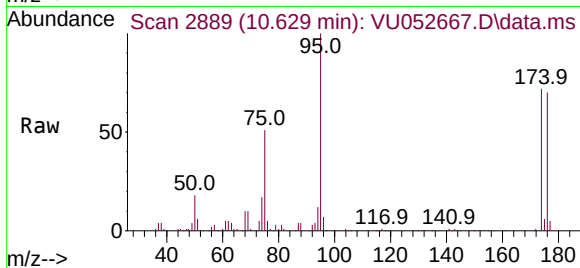




#62
4-Bromofluorobenzene
Concen: 45.330 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.000 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

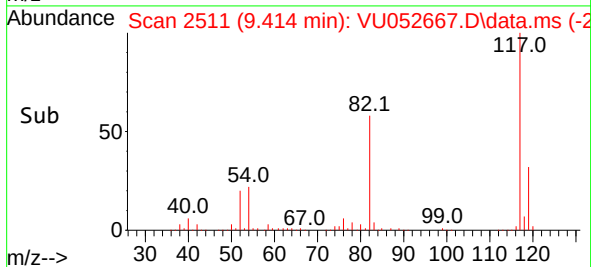
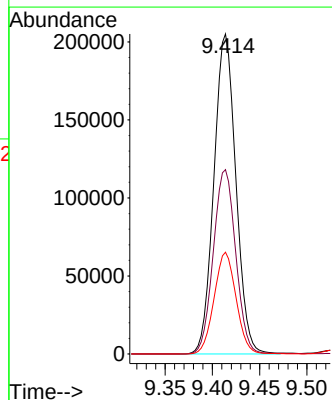
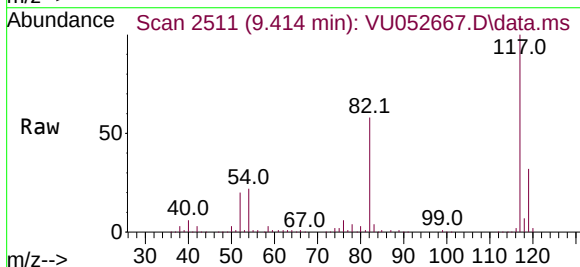
Instrument :
MSVOA_U
ClientSampleId :
MDL03

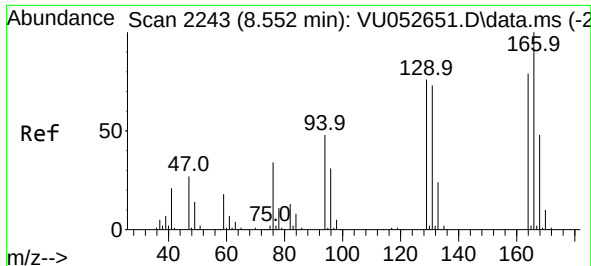
Tgt Ion: 95 Resp: 155748
Ion Ratio Lower Upper
95 100
174 74.4 0.0 182.0
176 71.8 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

Tgt Ion: 117 Resp: 331707
Ion Ratio Lower Upper
117 100
82 57.6 41.7 62.5
119 31.8 25.7 38.5

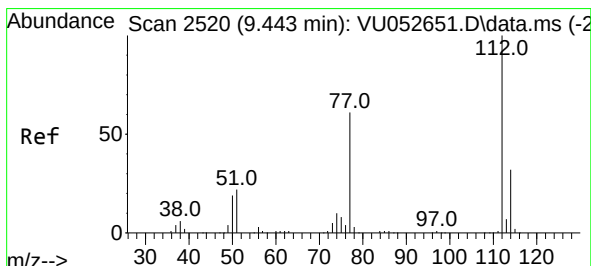
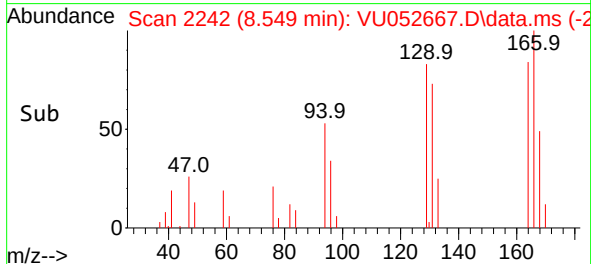
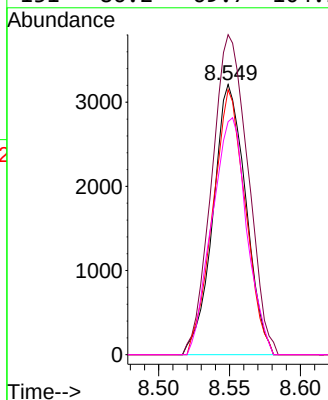
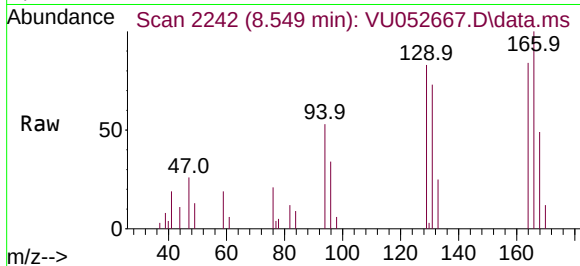




#64
Tetrachloroethene
Concen: 2.396 ug/l
RT: 8.549 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

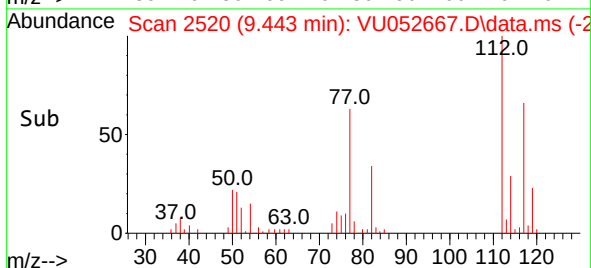
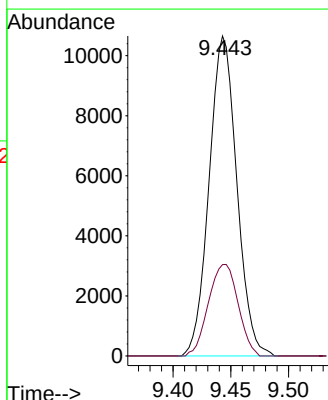
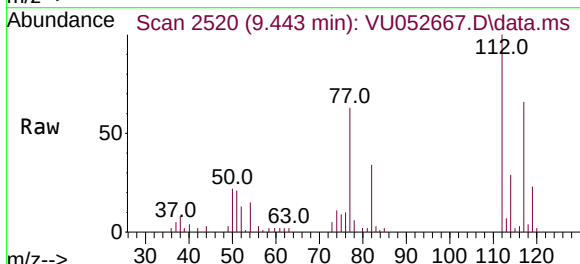
Instrument :
MSVOA_U
ClientSampleId :
MDL03

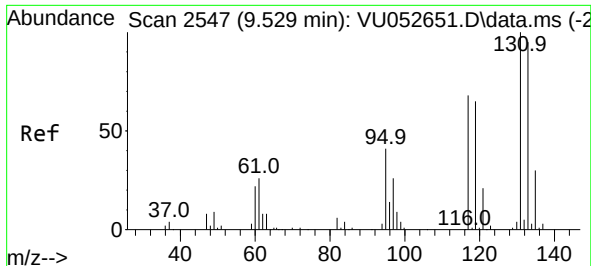
Tgt	Ion:164	Resp:	5158
Ion	Ratio	Lower	Upper
164	100		
166	118.4	100.0	150.0
129	98.1	72.0	108.0
131	86.2	69.7	104.5



#65
Chlorobenzene
Concen: 2.513 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

Tgt Ion:112	Resp:	17762	
Ion	Ratio	Lower	Upper
112	100		
114	28.6	24.9	37.3

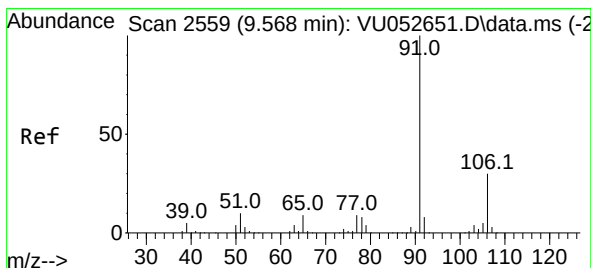
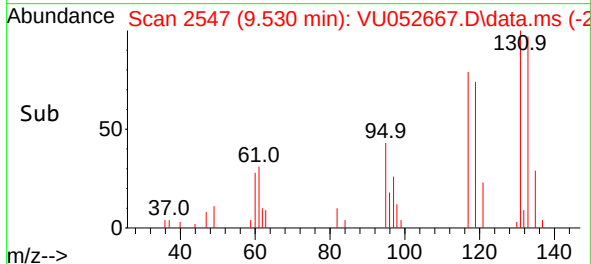
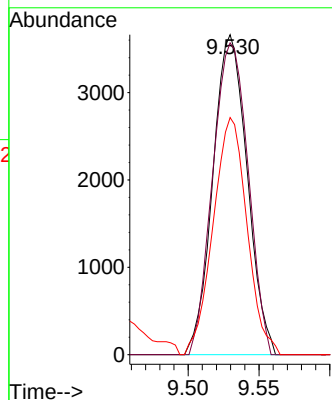
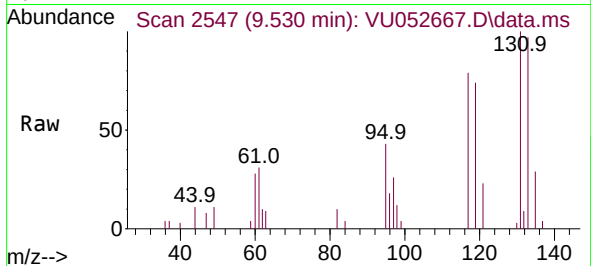




#66
1,1,1,2-Tetrachloroethane
Concen: 2.414 ug/l
RT: 9.530 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

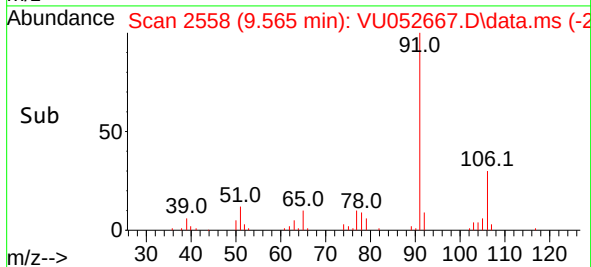
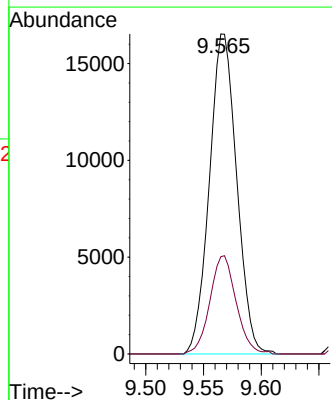
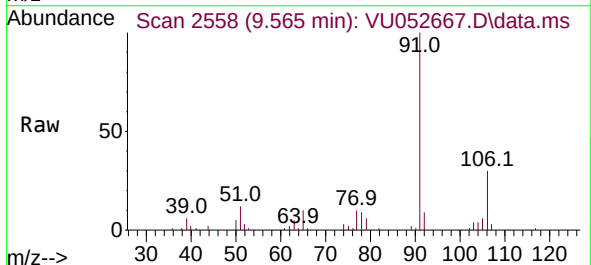
Instrument :
MSVOA_U
ClientSampleId :
MDL03

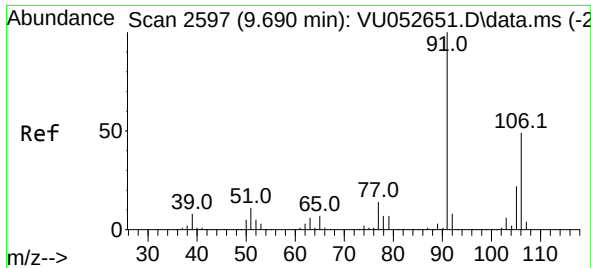
Tgt Ion:131 Resp: 6165
Ion Ratio Lower Upper
131 100
133 100.6 48.4 145.0
119 73.2 33.9 101.6



#67
Ethyl Benzene
Concen: 2.217 ug/l
RT: 9.565 min Scan# 2558
Delta R.T. -0.003 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

Tgt Ion: 91 Resp: 27167
Ion Ratio Lower Upper
91 100
106 30.4 25.6 38.4

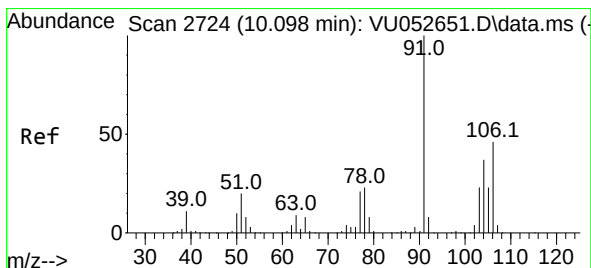
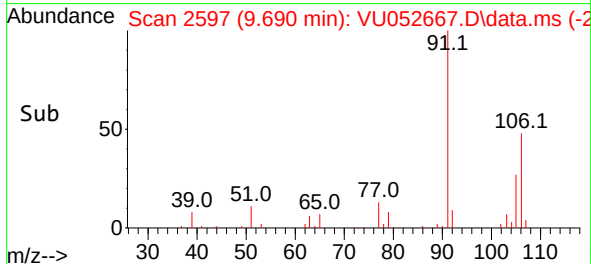
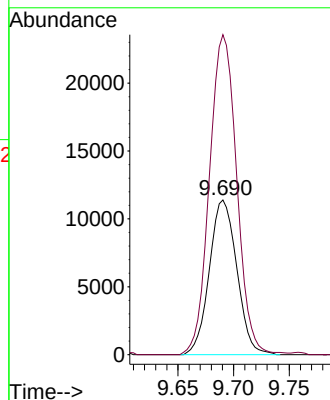
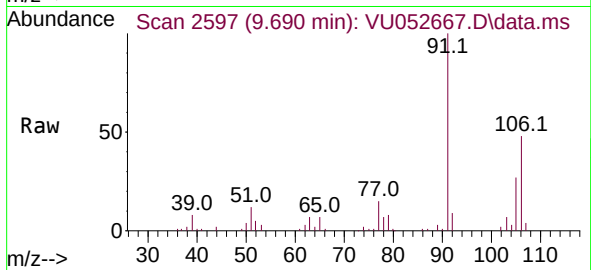




#68
m/p-Xylenes
Concen: 4.239 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

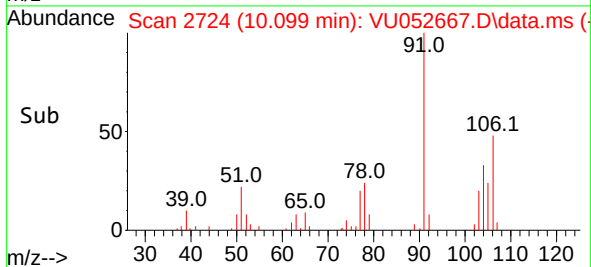
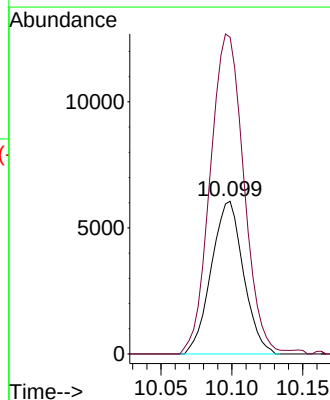
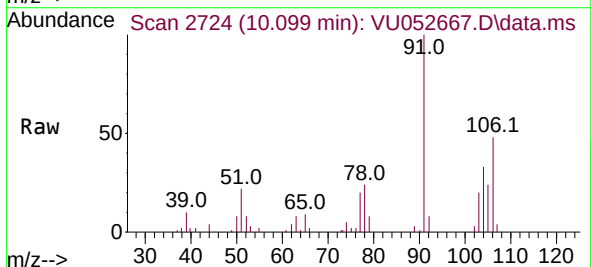
Instrument :
MSVOA_U
ClientSampleId :
MDL03

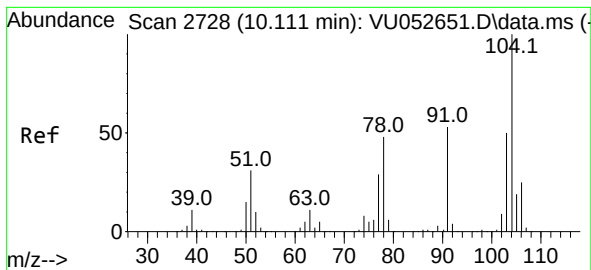
Tgt Ion:106 Resp: 19564
Ion Ratio Lower Upper
106 100
91 205.5 157.2 235.8



#69
o-Xylene
Concen: 2.177 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. 0.001 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

Tgt Ion:106 Resp: 9564
Ion Ratio Lower Upper
106 100
91 219.0 103.5 310.5





#70

Styrene

Concen: 2.074 ug/l

RT: 10.112 min Scan# 2728

Delta R.T. 0.001 min

Lab File: VU052667.D

Acq: 12 Jan 2023 15:36

Instrument :

MSVOA_U

ClientSampleId :

MDL03

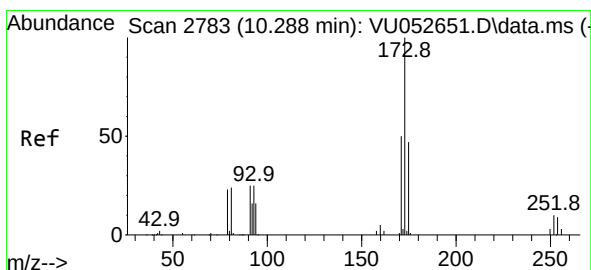
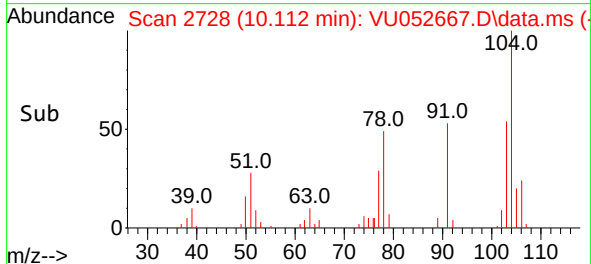
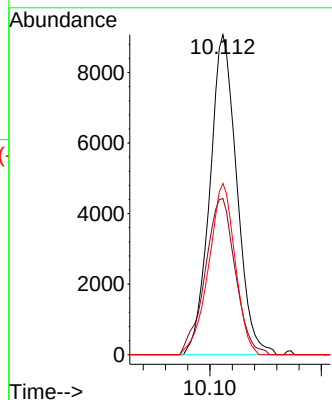
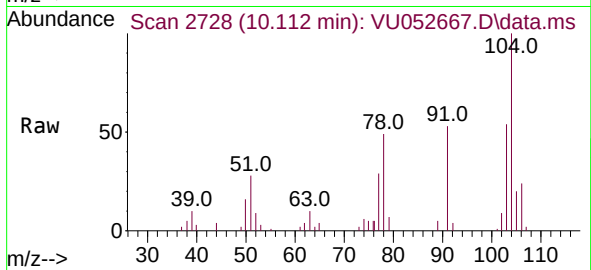
Tgt Ion:104 Resp: 15278

Ion Ratio Lower Upper

104 100

78 54.4 38.0 57.0

103 52.4 43.9 65.9



#71

Bromoform

Concen: 2.455 ug/l

RT: 10.288 min Scan# 2783

Delta R.T. 0.000 min

Lab File: VU052667.D

Acq: 12 Jan 2023 15:36

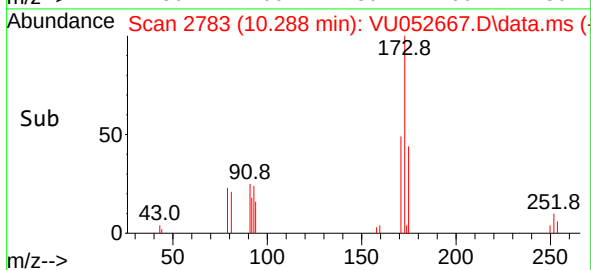
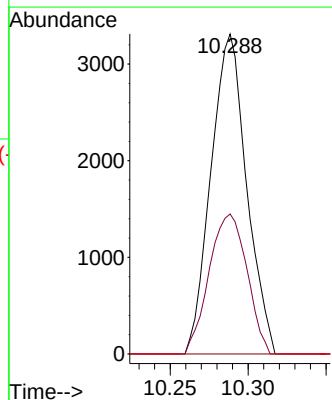
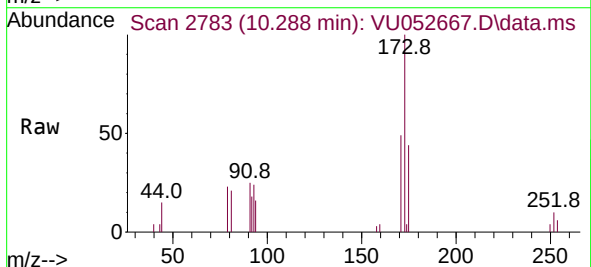
Tgt Ion:173 Resp: 5258

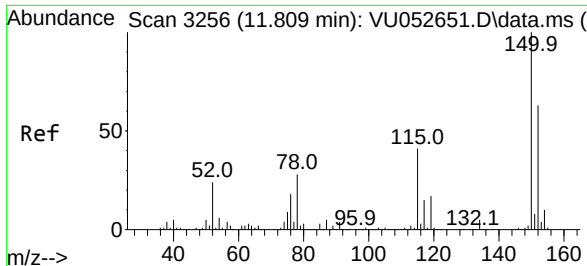
Ion Ratio Lower Upper

173 100

175 46.4 24.1 72.2

254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.806 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU052667.D

Acq: 12 Jan 2023 15:36

Instrument :

MSVOA_U

ClientSampleId :

MDL03

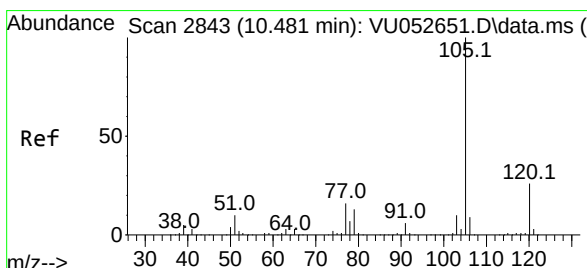
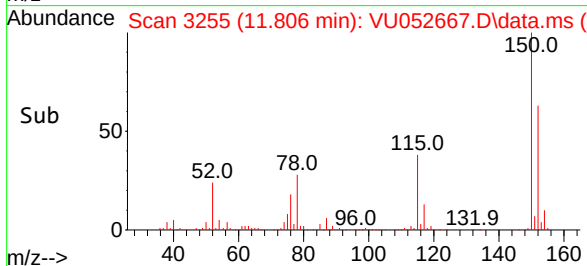
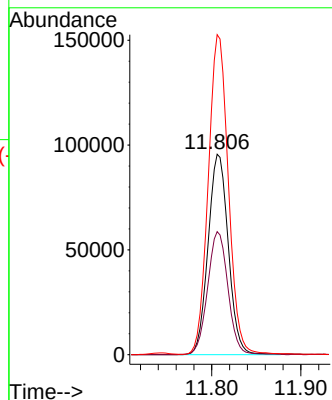
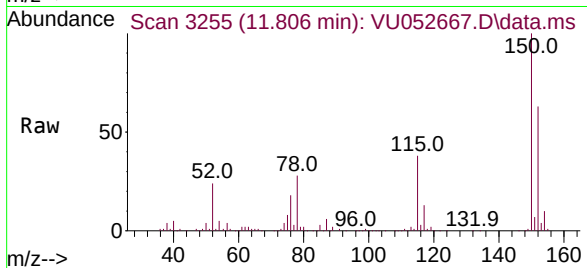
Tgt Ion:152 Resp: 150383

Ion Ratio Lower Upper

152 100

115 61.9 37.0 110.9

150 158.9 0.0 342.2



#73

Isopropylbenzene

Concen: 2.237 ug/l

RT: 10.481 min Scan# 2843

Delta R.T. 0.000 min

Lab File: VU052667.D

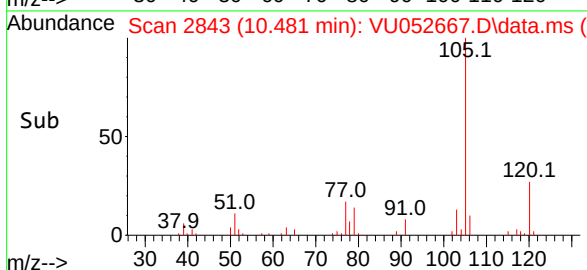
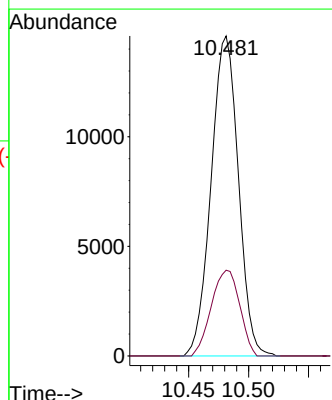
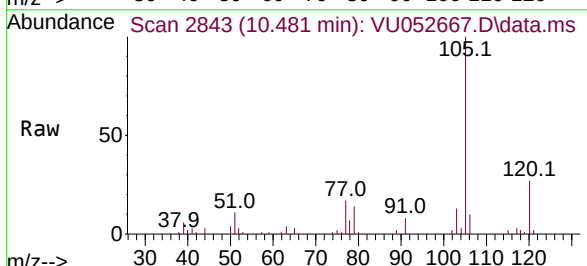
Acq: 12 Jan 2023 15:36

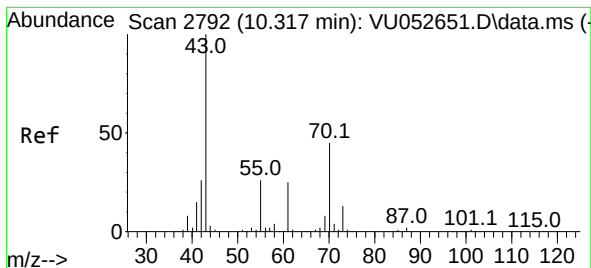
Tgt Ion:105 Resp: 23024

Ion Ratio Lower Upper

105 100

120 27.8 13.8 41.4





#74

N-amy1 acetate

Concen: 2.285 ug/l

RT: 10.317 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052667.D

Acq: 12 Jan 2023 15:36

Instrument :

MSVOA_U

ClientSampleId :

MDL03

Tgt Ion: 43 Resp: 10747

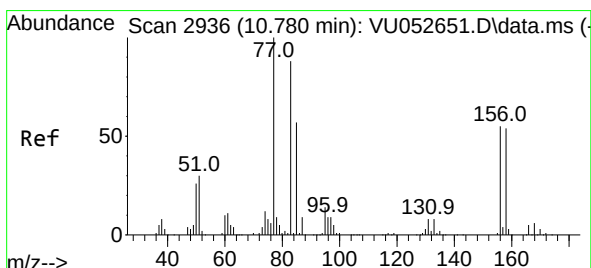
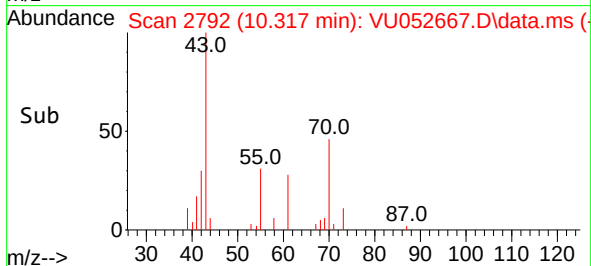
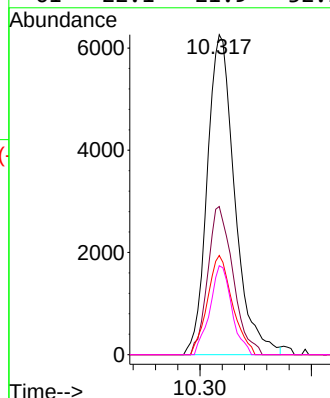
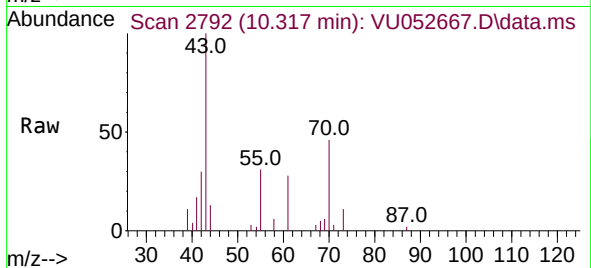
Ion Ratio Lower Upper

43 100

70 42.4 38.7 58.1

55 28.0 21.8 32.8

61 22.1 21.9 32.9



#75

1,1,2,2-Tetrachloroethane

Concen: 2.865 ug/l

RT: 10.777 min Scan# 2935

Delta R.T. -0.003 min

Lab File: VU052667.D

Acq: 12 Jan 2023 15:36

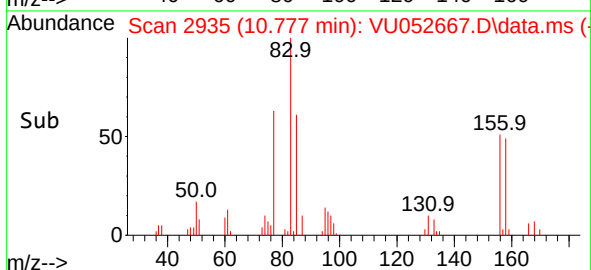
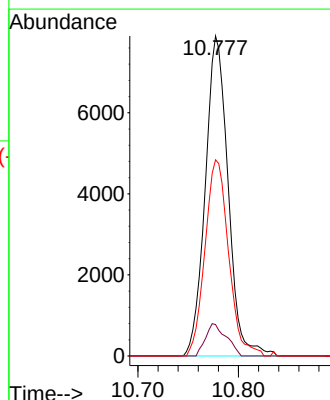
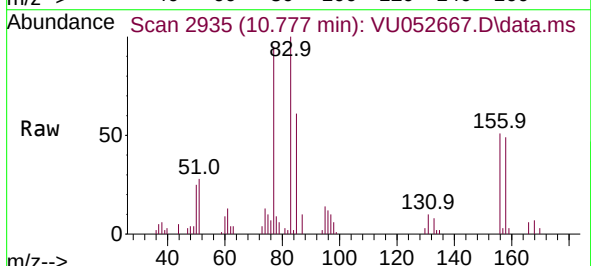
Tgt Ion: 83 Resp: 12442

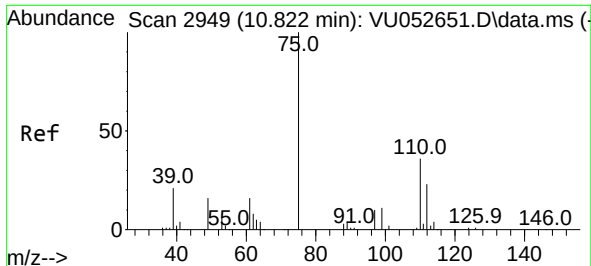
Ion Ratio Lower Upper

83 100

131 9.1 5.1 15.4

85 63.3 32.2 96.6

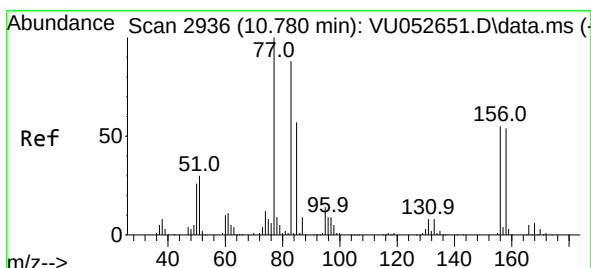
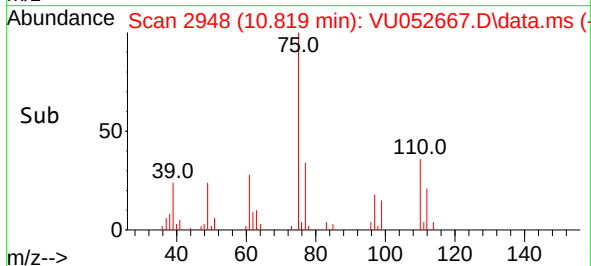
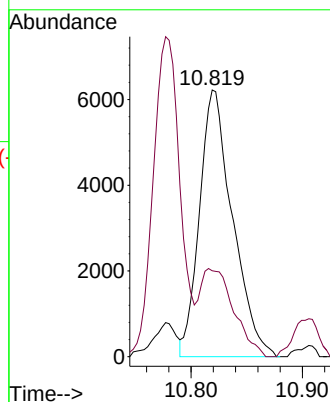
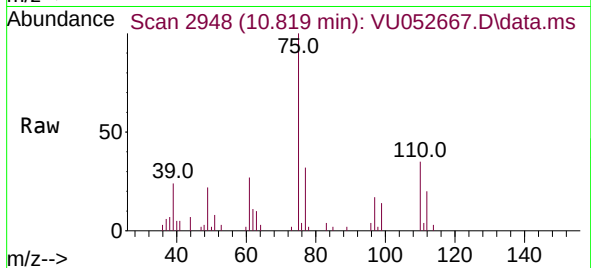




#76
1,2,3-Trichloropropane
Concen: 2.693 ug/l
RT: 10.819 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

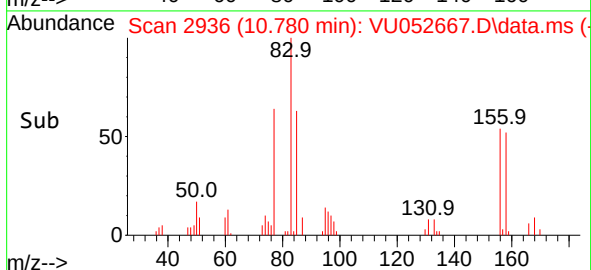
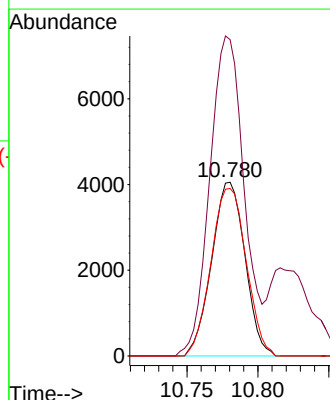
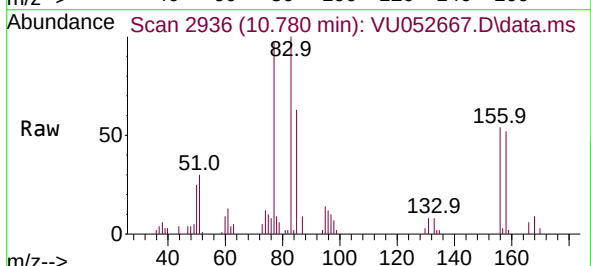
Instrument :
MSVOA_U
ClientSampleId :
MDL03

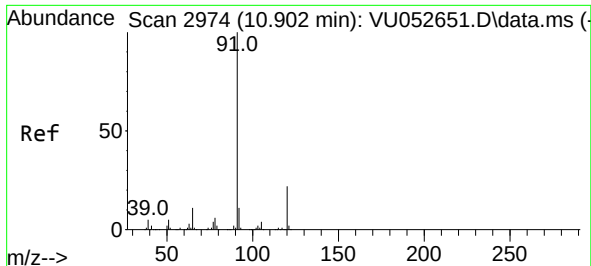
Tgt Ion: 75 Resp: 12825
Ion Ratio Lower Upper
75 100
77 33.8 15.8 47.3



#77
Bromobenzene
Concen: 2.590 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

Tgt Ion:156 Resp: 6633
Ion Ratio Lower Upper
156 100
77 188.6 71.9 215.6
158 101.9 48.9 146.8

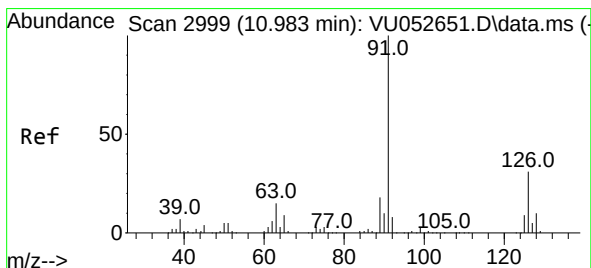
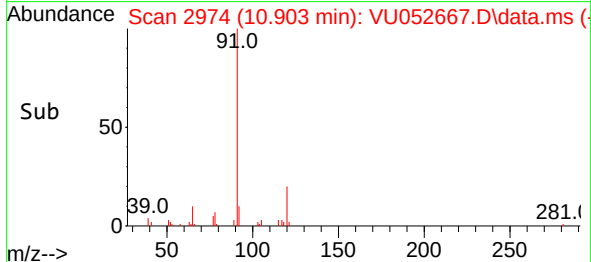
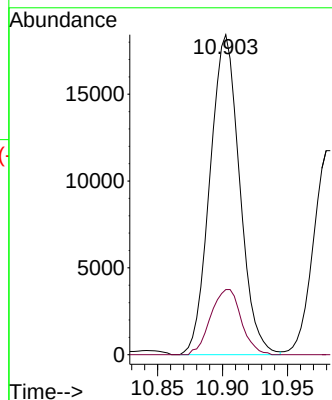
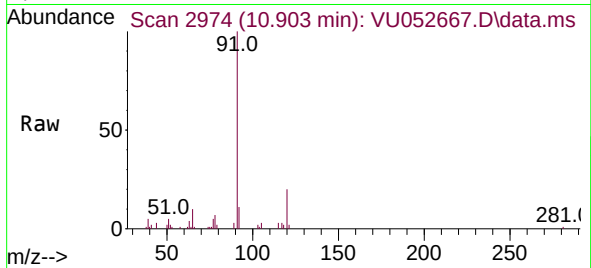




#78
n-propylbenzene
Concen: 2.335 ug/l
RT: 10.903 min Scan# 2974
Delta R.T. 0.001 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

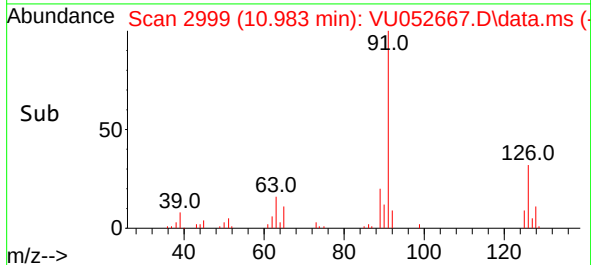
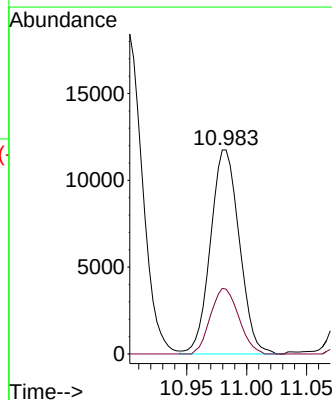
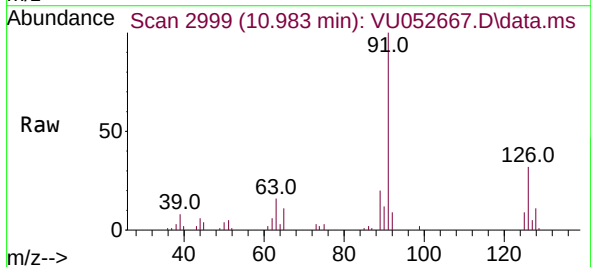
Instrument :
MSVOA_U
ClientSampleId :
MDL03

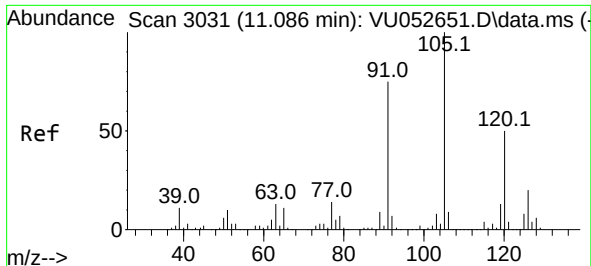
Tgt Ion: 91 Resp: 29240
Ion Ratio Lower Upper
91 100
120 21.0 11.9 35.5



#79
2-Chlorotoluene
Concen: 2.572 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.000 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

Tgt Ion: 91 Resp: 19695
Ion Ratio Lower Upper
91 100
126 31.3 18.4 55.0

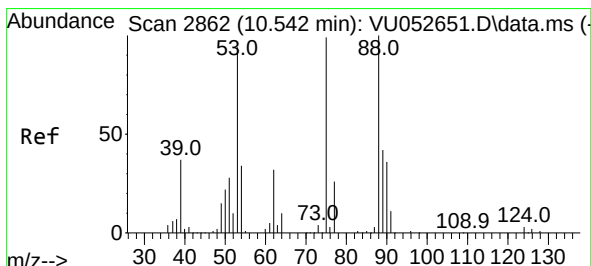
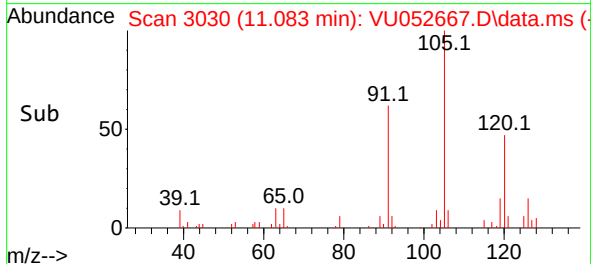
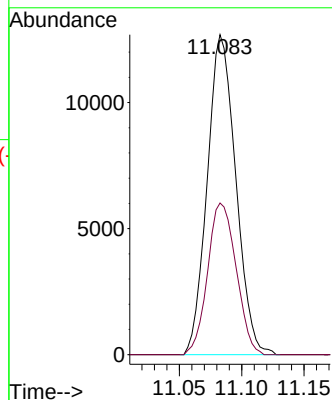
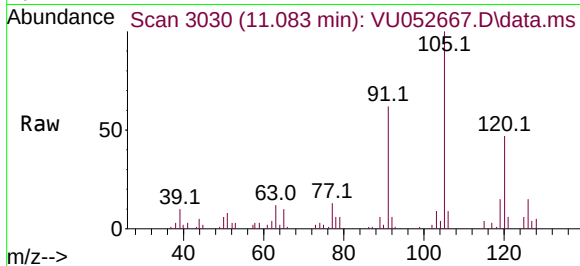




#80
1,3,5-Trimethylbenzene
Concen: 2.335 ug/l
RT: 11.083 min Scan# 3031
Delta R.T. -0.003 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

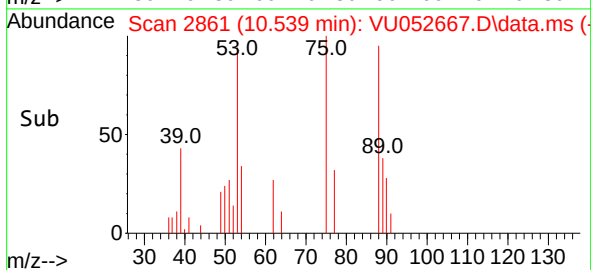
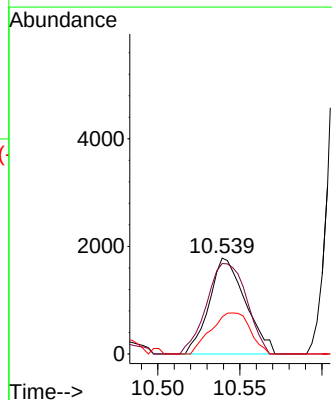
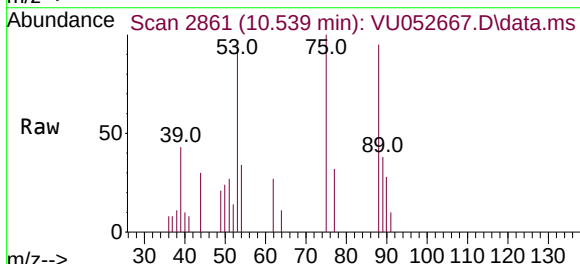
Instrument :
MSVOA_U
ClientSampleId :
MDL03

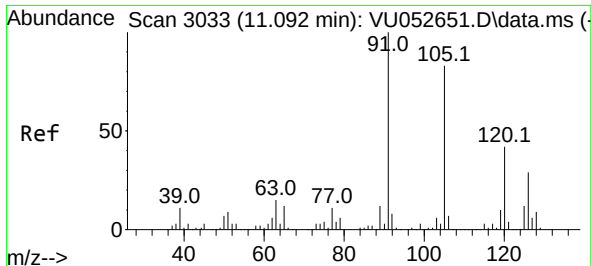
Tgt Ion:105 Resp: 20229
Ion Ratio Lower Upper
105 100
120 47.3 25.3 75.9



#81
trans-1,4-Dichloro-2-butene
Concen: 2.192 ug/l
RT: 10.539 min Scan# 2861
Delta R.T. -0.003 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

Tgt Ion: 75 Resp: 2735
Ion Ratio Lower Upper
75 100
53 104.4 69.2 103.8#
89 46.2 37.0 55.6

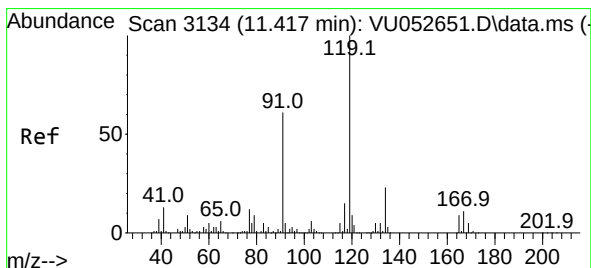
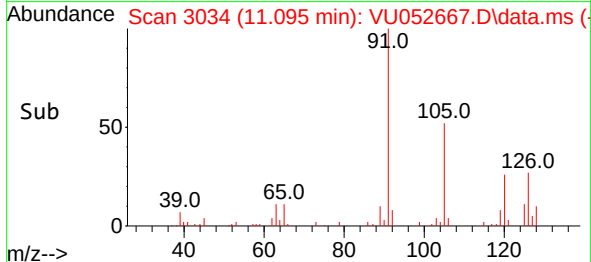
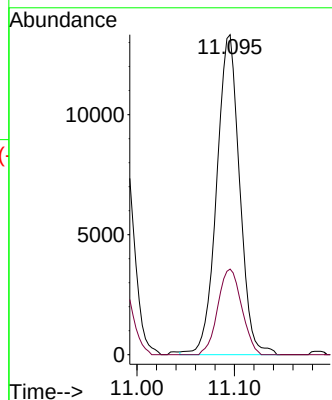
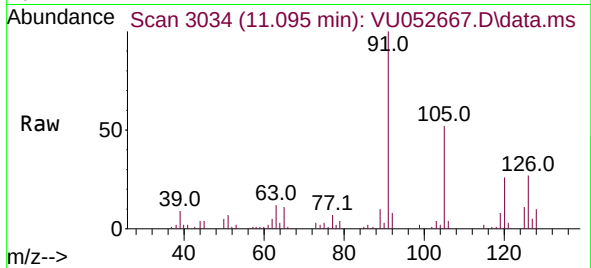




#82
4-Chlorotoluene
Concen: 2.495 ug/l
RT: 11.095 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

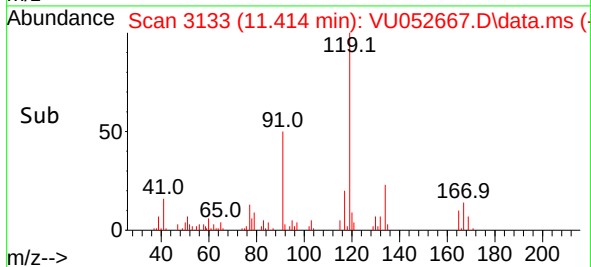
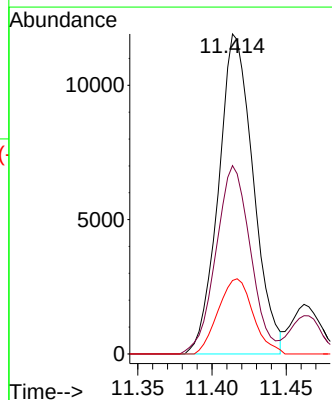
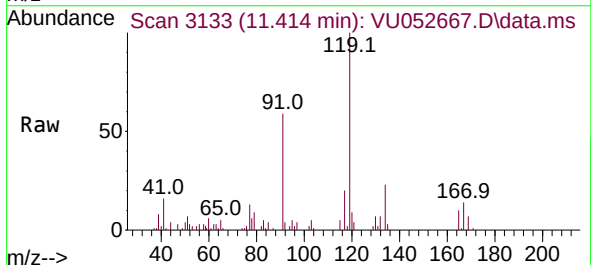
Instrument :
MSVOA_U
ClientSampleId :
MDL03

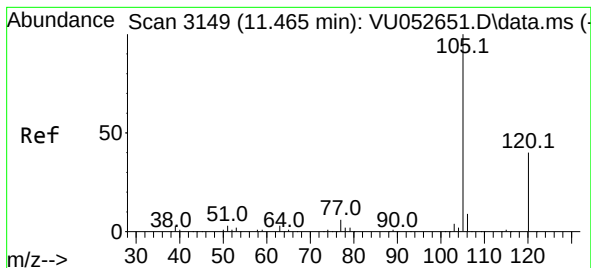
Tgt Ion: 91 Resp: 21789
Ion Ratio Lower Upper
91 100
126 27.8 16.1 48.2



#83
tert-Butylbenzene
Concen: 2.249 ug/l
RT: 11.414 min Scan# 3133
Delta R.T. -0.003 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

Tgt Ion: 119 Resp: 19418
Ion Ratio Lower Upper
119 100
91 58.2 26.8 80.3
134 23.5 11.5 34.5





#84

1,2,4-Trimethylbenzene

Concen: 2.093 ug/l

RT: 11.465 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VU052667.D

Acq: 12 Jan 2023 15:36

Instrument :

MSVOA_U

ClientSampleId :

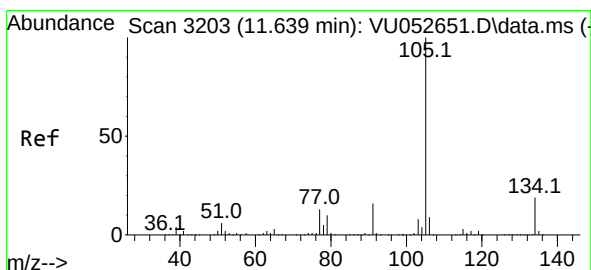
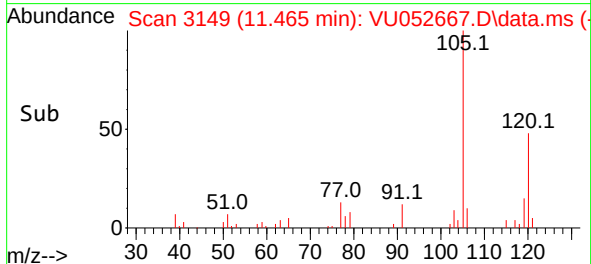
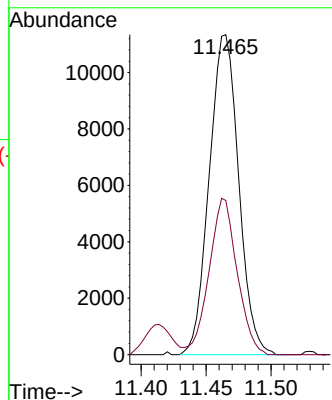
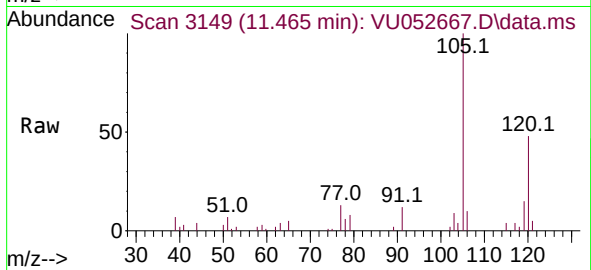
MDL03

Tgt Ion:105 Resp: 17879

Ion Ratio Lower Upper

105 100

120 46.5 23.4 70.3



#85

sec-Butylbenzene

Concen: 2.151 ug/l

RT: 11.639 min Scan# 3203

Delta R.T. -0.000 min

Lab File: VU052667.D

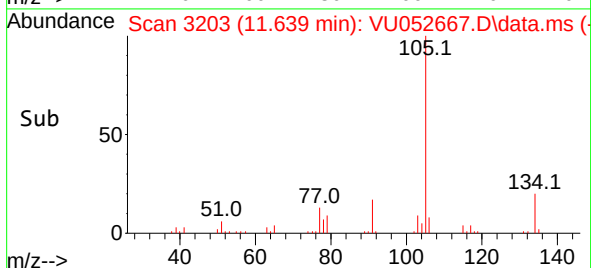
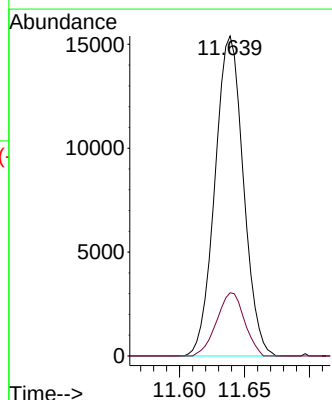
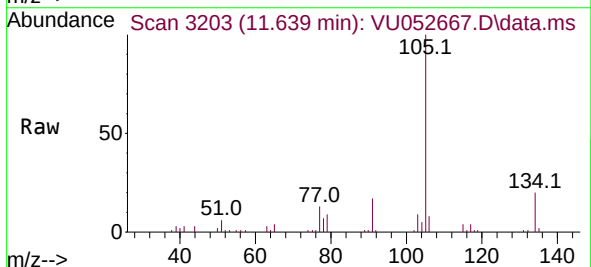
Acq: 12 Jan 2023 15:36

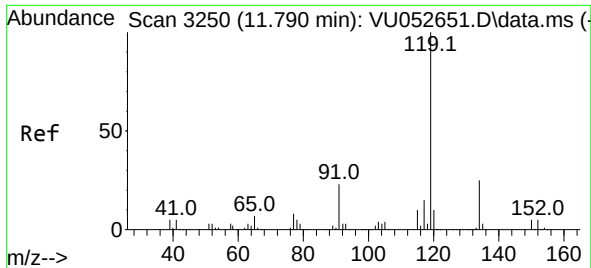
Tgt Ion:105 Resp: 23425

Ion Ratio Lower Upper

105 100

134 19.3 10.4 31.1

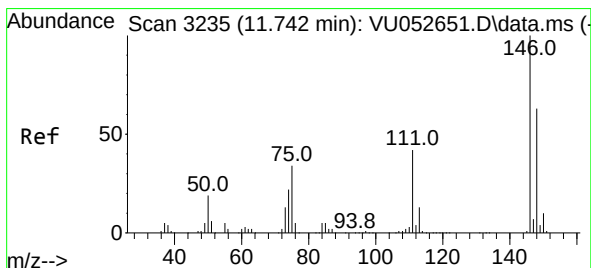
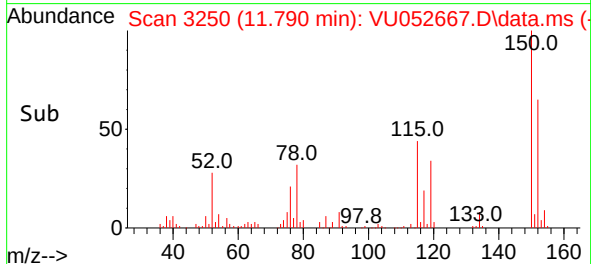
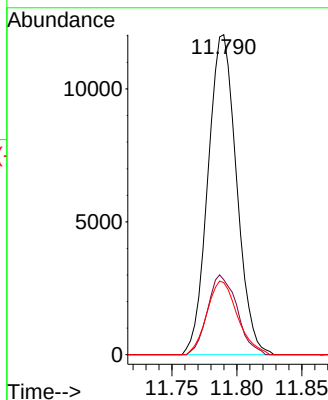
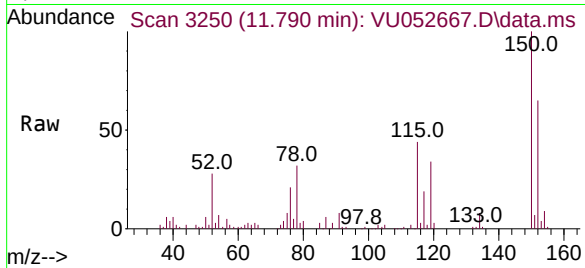




#86
 p-Isopropyltoluene
 Concen: 2.065 ug/l
 RT: 11.790 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU052667.D
 Acq: 12 Jan 2023 15:36

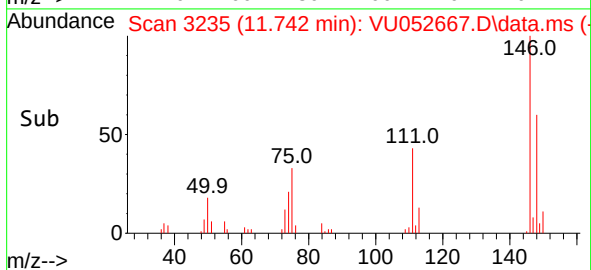
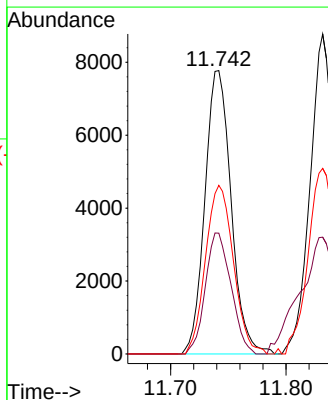
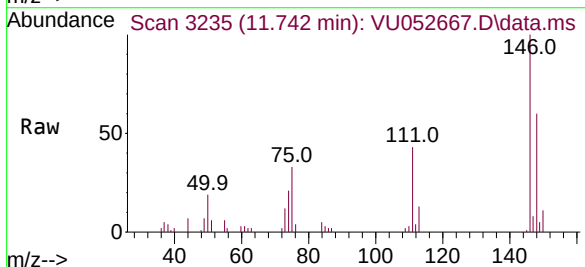
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

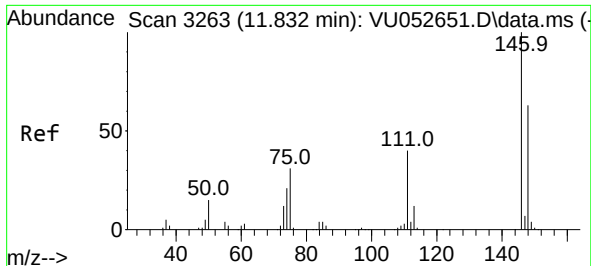
Tgt Ion:	119	Resp:	18418
Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.5	40.4
91	24.6	11.2	33.5



#87
 1,3-Dichlorobenzene
 Concen: 2.490 ug/l
 RT: 11.742 min Scan# 3235
 Delta R.T. -0.000 min
 Lab File: VU052667.D
 Acq: 12 Jan 2023 15:36

Tgt Ion:	146	Resp:	12301
Ion	Ratio	Lower	Upper
146	100		
111	41.6	18.9	56.5
148	63.1	31.9	95.9

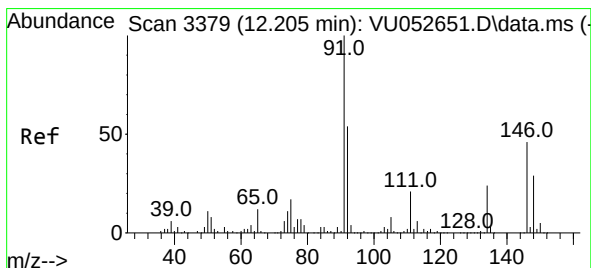
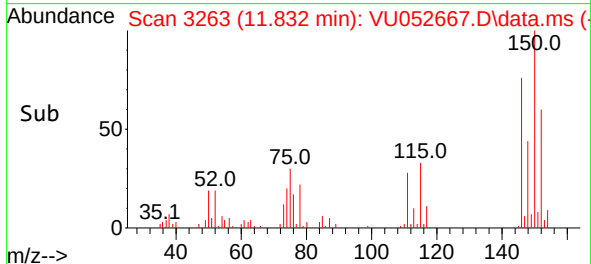
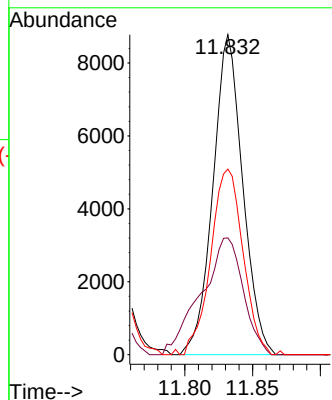
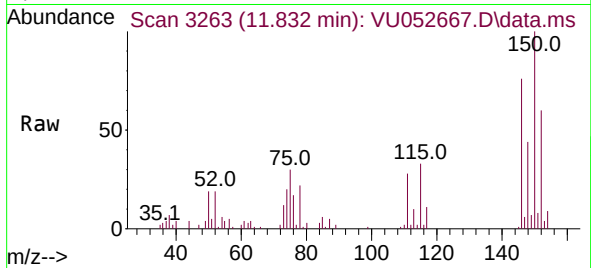




#88
1,4-Dichlorobenzene
Concen: 2.643 ug/l
RT: 11.832 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

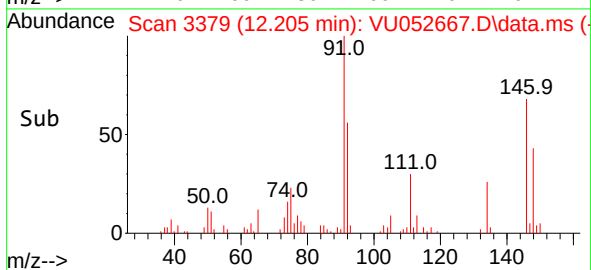
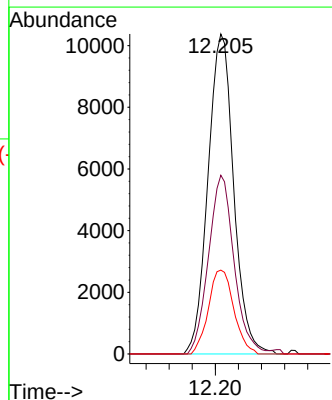
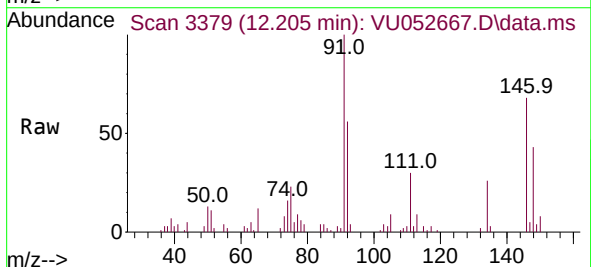
Instrument :
MSVOA_U
ClientSampleId :
MDL03

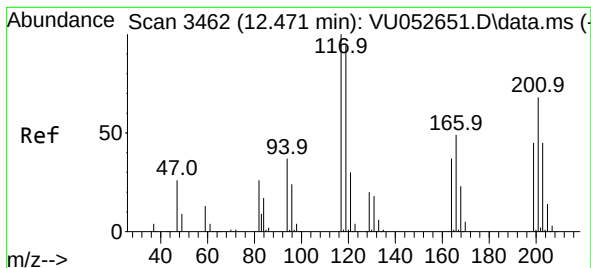
Tgt Ion:	146	Resp:	13394
Ion	Ratio	Lower	Upper
146	100		
111	51.5	18.5	55.5
148	63.2	31.9	95.7



#89
n-Butylbenzene
Concen: 1.975 ug/l
RT: 12.205 min Scan# 3379
Delta R.T. -0.000 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

Tgt Ion:	91	Resp:	16032
Ion	Ratio	Lower	Upper
91	100		
92	55.7	26.2	78.6
134	25.9	13.5	40.4





#90

Hexachloroethane

Concen: 2.378 ug/l

RT: 12.468 min Scan# 3461

Delta R.T. -0.003 min

Lab File: VU052667.D

Acq: 12 Jan 2023 15:36

Instrument :

MSVOA_U

ClientSampleId :

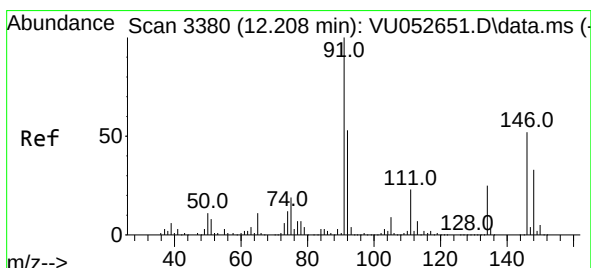
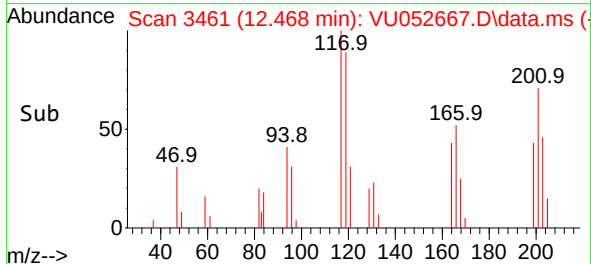
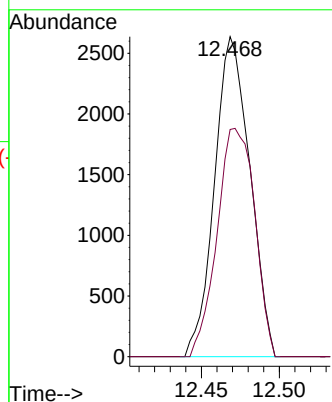
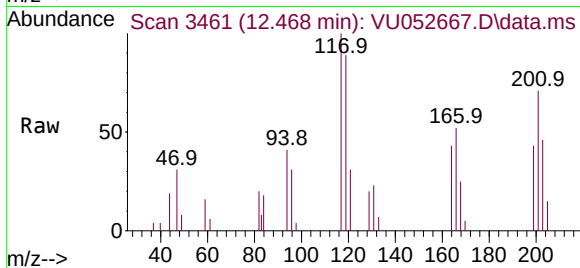
MDL03

Tgt Ion:117 Resp: 4161

Ion Ratio Lower Upper

117 100

201 76.0 44.6 134.0



#91

1,2-Dichlorobenzene

Concen: 2.530 ug/l

RT: 12.208 min Scan# 3380

Delta R.T. -0.000 min

Lab File: VU052667.D

Acq: 12 Jan 2023 15:36

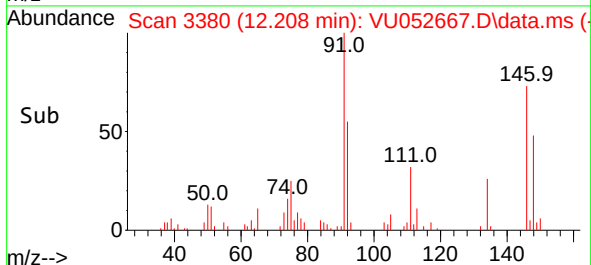
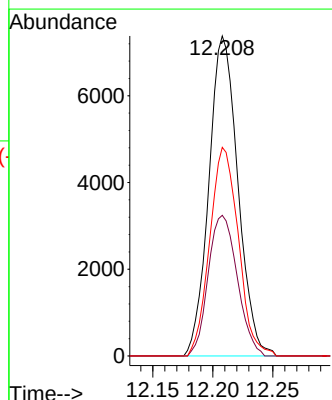
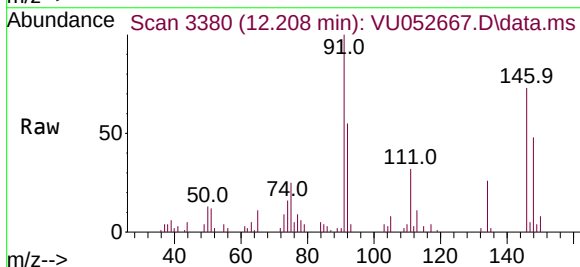
Tgt Ion:146 Resp: 12418

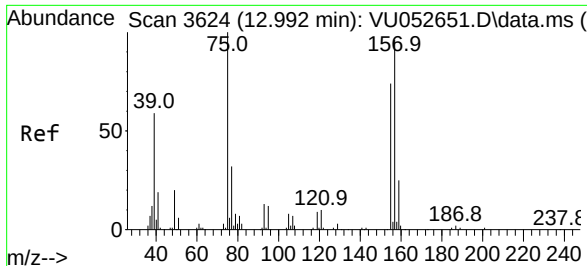
Ion Ratio Lower Upper

146 100

111 44.0 19.9 59.6

148 64.4 32.1 96.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.726 ug/l

RT: 12.992 min Scan# 30

Delta R.T. 0.000 min

Lab File: VU052667.D

Acq: 12 Jan 2023 15:36

Instrument :

MSVOA_U

ClientSampleId :

MDL03

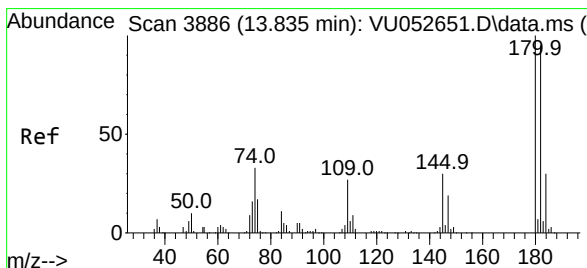
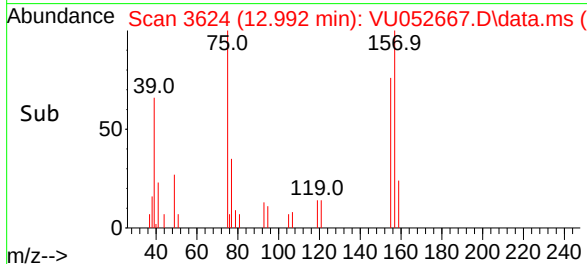
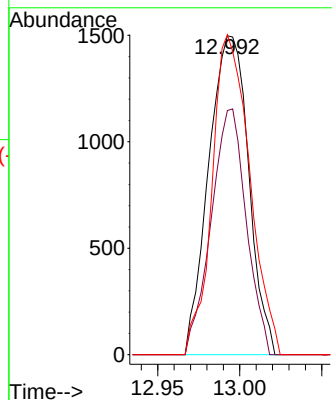
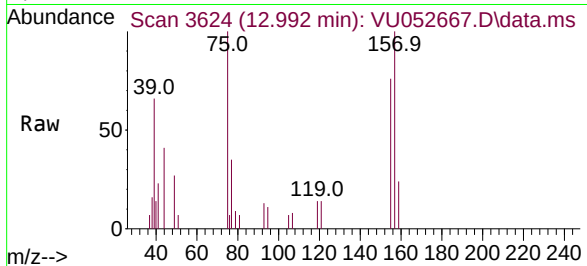
Tgt Ion: 75 Resp: 2530

Ion Ratio Lower Upper

75 100

155 67.9 47.8 143.4

157 94.6 62.2 186.5



#93

1,2,4-Trichlorobenzene

Concen: 2.216 ug/l

RT: 13.838 min Scan# 3887

Delta R.T. 0.003 min

Lab File: VU052667.D

Acq: 12 Jan 2023 15:36

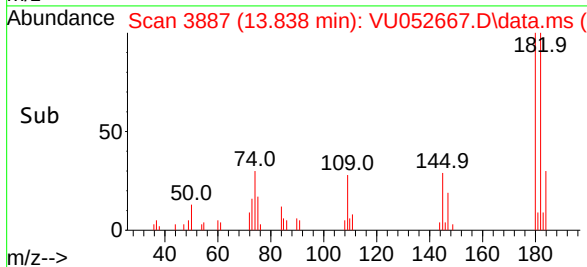
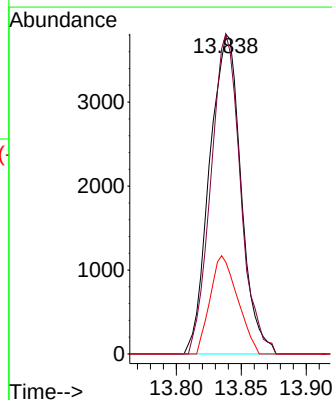
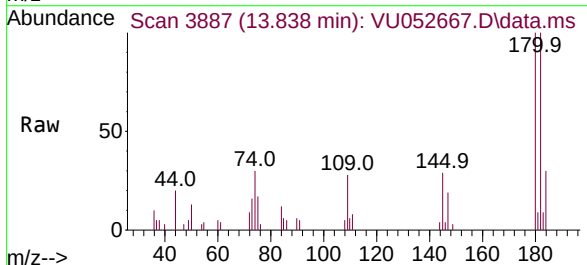
Tgt Ion: 180 Resp: 6386

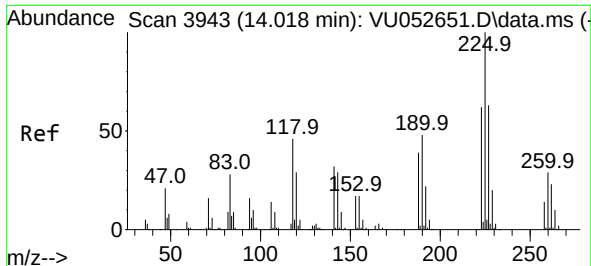
Ion Ratio Lower Upper

180 100

182 94.3 47.9 143.6

145 26.8 14.0 41.9

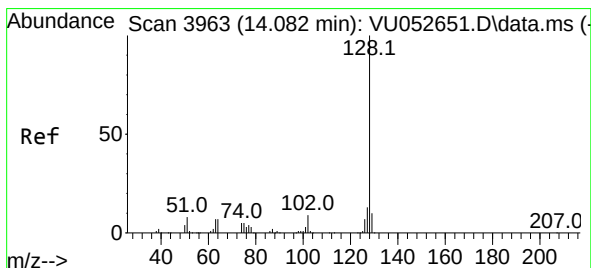
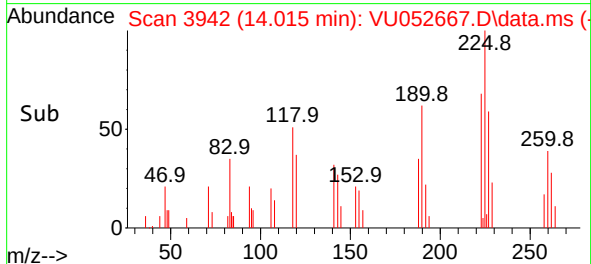
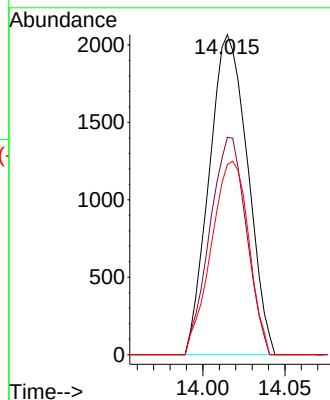
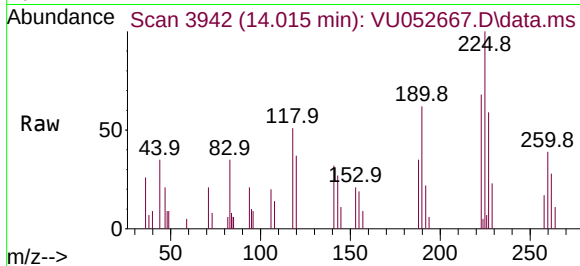




#94
Hexachlorobutadiene
Concen: 2.211 ug/l
RT: 14.015 min Scan# 3942
Delta R.T. -0.003 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

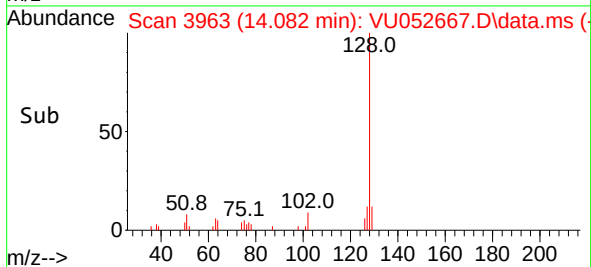
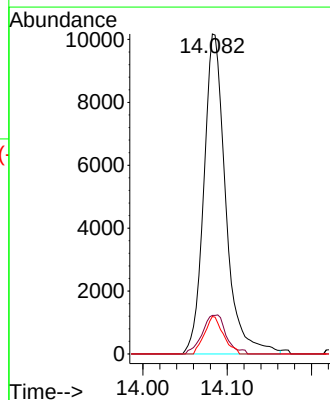
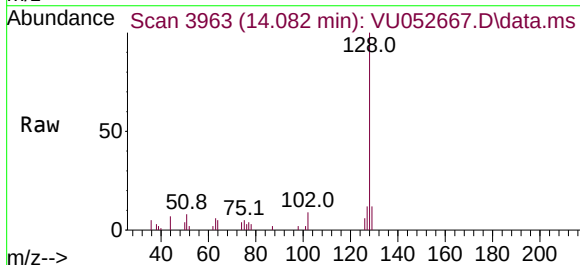
Instrument :
MSVOA_U
ClientSampleId :
MDL03

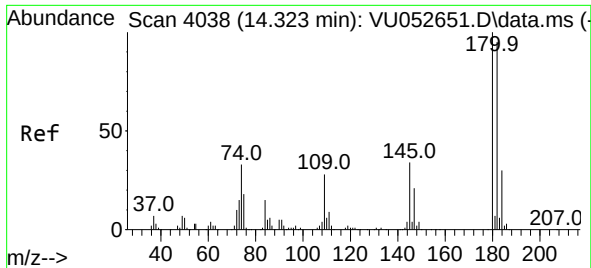
Tgt Ion:	225	Resp:	3358
Ion Ratio	Lower	Upper	
225	100		
223	64.7	31.3	93.9
227	59.1	32.0	96.2



#95
Naphthalene
Concen: 2.126 ug/l
RT: 14.082 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU052667.D
Acq: 12 Jan 2023 15:36

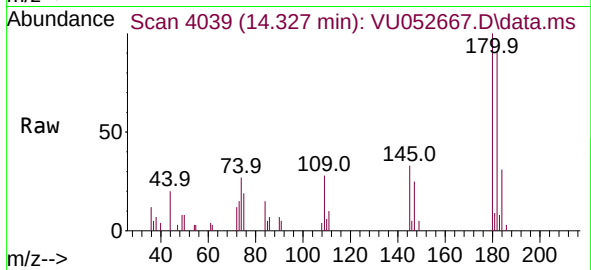
Tgt Ion:	128	Resp:	18344
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.3	15.5
129	10.0	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 2.361 ug/l
 RT: 14.327 min Scan# 4039
 Delta R.T. 0.004 min
 Lab File: VU052667.D
 Acq: 12 Jan 2023 15:36

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03



Tgt Ion:	180	Resp:	6800
Ion	Ratio	Lower	Upper
180	100		
182	88.7	48.4	145.0
145	31.4	14.8	44.4

