

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011223\
 Data File : VU052666.D
 Acq On : 12 Jan 2023 15:13
 Operator : JC/MD
 Sample : MDL02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02

Quant Time: Jan 13 02:04:41 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	214570	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.246	114	382366	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	349891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	158896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	178225	51.989	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.980%
35) Dibromofluoromethane	5.285	113	129775	49.275	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.540%
50) Toluene-d8	7.893	98	482782	47.747	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.500%
62) 4-Bromofluorobenzene	10.629	95	163973	44.747	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.500%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	6654	2.461	ug/l	93
3) Chloromethane	1.520	50	10144	2.576	ug/l	95
4) Vinyl Chloride	1.604	62	7981	2.355	ug/l	100
5) Bromomethane	1.858	94	5558	2.820	ug/l	92
6) Chloroethane	1.935	64	5056	2.486	ug/l	92
7) Trichlorofluoromethane	2.137	101	10270	2.413	ug/l	95
8) Diethyl Ether	2.375	74	4489	2.567	ug/l	71
9) 1,1,2-Trichlorotrifluo...	2.581	101	5992	2.355	ug/l	94
10) Methyl Iodide	2.723	142	7083	2.687	ug/l	# 90
11) Tert butyl alcohol	3.247	59	465	0.691	ug/l	# 37
12) 1,1-Dichloroethene	2.578	96	6747	2.692	ug/l	92
13) Acrolein	2.488	56	10670	13.138	ug/l	99
14) Allyl chloride	2.922	41	12782	2.589	ug/l	# 83
15) Acrylonitrile	3.324	53	23036	12.730	ug/l	96
16) Acetone	2.642	43	22822	12.982	ug/l	93
17) Carbon Disulfide	2.793	76	19462	2.450	ug/l	99
18) Methyl Acetate	2.951	43	12207	2.382	ug/l	91
19) Methyl tert-butyl Ether	3.359	73	21469	2.477	ug/l	97
20) Methylene Chloride	3.044	84	8410	2.271	ug/l	# 84
21) trans-1,2-Dichloroethene	3.353	96	6731	2.482	ug/l	89
22) Diisopropyl ether	3.989	45	22883	2.411	ug/l	# 93
23) Vinyl Acetate	3.954	43	83834	11.342	ug/l	94
24) 1,1-Dichloroethane	3.867	63	14240	2.551	ug/l	98
25) 2-Butanone	4.716	43	28342	11.742	ug/l	92
26) 2,2-Dichloropropane	4.658	77	10497	2.412	ug/l	98
27) cis-1,2-Dichloroethene	4.665	96	7614	2.458	ug/l	86
28) Bromochloromethane	4.973	49	6339	2.469	ug/l	# 70
29) Tetrahydrofuran	5.060	42	17137	11.706	ug/l	88
30) Chloroform	5.083	83	14894	2.623	ug/l	98
31) Cyclohexane	5.378	56	16381	3.098	ug/l	# 80
32) 1,1,1-Trichloroethane	5.314	97	11485	2.584	ug/l	91
36) 1,1-Dichloropropene	5.523	75	9908	2.391	ug/l	93
37) Ethyl Acetate	4.806	43	10790	2.054	ug/l	98
38) Carbon Tetrachloride	5.523	117	8987	2.338	ug/l	97
39) Methylcyclohexane	6.761	83	10400	2.181	ug/l	92
40) Benzene	5.774	78	30315	2.475	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.976	41	5460	2.216	ug/l #	89
42) 1,2-Dichloroethane	5.790	62	11531	2.618	ug/l	99
43) Isopropyl Acetate	5.912	43	16356	2.373	ug/l #	95
44) Trichloroethene	6.539	130	6510	2.249	ug/l	80
45) 1,2-Dichloropropane	6.787	63	8069	2.379	ug/l	99
46) Dibromomethane	6.912	93	5082	2.388	ug/l	90
47) Bromodichloromethane	7.099	83	11078	2.538	ug/l	95
48) Methyl methacrylate	6.960	41	6806	2.125	ug/l	83
49) 1,4-Dioxane	7.037	88	3145	51.713	ug/l #	79
51) 4-Methyl-2-Pentanone	7.790	43	48094	10.677	ug/l	94
52) Toluene	7.967	92	17749	2.464	ug/l	97
53) t-1,3-Dichloropropene	8.208	75	10537	2.287	ug/l	93
54) cis-1,3-Dichloropropene	7.603	75	10701	2.133	ug/l	98
55) 1,1,2-Trichloroethane	8.398	97	7156	2.408	ug/l	96
56) Ethyl methacrylate	8.333	69	9402	2.145	ug/l	93
57) 1,3-Dichloropropane	8.571	76	13334	2.512	ug/l	95
59) 2-Hexanone	8.684	43	37264	10.824	ug/l	91
60) Dibromochloromethane	8.806	129	7234	2.343	ug/l	97
61) 1,2-Dibromoethane	8.918	107	7247	2.405	ug/l	99
64) Tetrachloroethene	8.549	164	5356	2.359	ug/l #	89
65) Chlorobenzene	9.443	112	18464	2.477	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.529	131	6775	2.515	ug/l	97
67) Ethyl Benzene	9.568	91	28468	2.202	ug/l	96
68) m/p-Xylenes	9.690	106	21179	4.350	ug/l	92
69) o-Xylene	10.098	106	10160	2.192	ug/l	89
70) Styrene	10.111	104	15280	1.966	ug/l	93
71) Bromoform	10.285	173	5170	2.288	ug/l #	99
73) Isopropylbenzene	10.481	105	24697	2.271	ug/l	98
74) N-amyl acetate	10.317	43	10754	2.164	ug/l	95
75) 1,1,2,2-Tetrachloroethane	10.777	83	12301	2.681	ug/l	98
76) 1,2,3-Trichloropropane	10.819	75	13064	2.596	ug/l	100
77) Bromobenzene	10.780	156	7003	2.588	ug/l	78
78) n-propylbenzene	10.902	91	31397	2.373	ug/l	95
79) 2-Chlorotoluene	10.983	91	20458	2.528	ug/l	94
80) 1,3,5-Trimethylbenzene	11.082	105	21350	2.332	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.542	75	2781	2.110	ug/l	87
82) 4-Chlorotoluene	11.095	91	22275	2.414	ug/l	93
83) tert-Butylbenzene	11.417	119	21730	2.382	ug/l	97
84) 1,2,4-Trimethylbenzene	11.465	105	19514	2.162	ug/l	99
85) sec-Butylbenzene	11.639	105	25171	2.188	ug/l	99
86) p-Isopropyltoluene	11.790	119	19371	2.055	ug/l	94
87) 1,3-Dichlorobenzene	11.741	146	12380	2.372	ug/l	94
88) 1,4-Dichlorobenzene	11.831	146	13917	2.599	ug/l	86
89) n-Butylbenzene	12.204	91	16771	1.955	ug/l	98
90) Hexachloroethane	12.471	117	4266	2.308	ug/l	86
91) 1,2-Dichlorobenzene	12.211	146	13272	2.560	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.989	75	2478	2.527	ug/l	74
93) 1,2,4-Trichlorobenzene	13.838	180	6881	2.260	ug/l	97
94) Hexachlorobutadiene	14.018	225	3622	2.257	ug/l	96
95) Naphthalene	14.082	128	18170	1.993	ug/l	99
96) 1,2,3-Trichlorobenzene	14.327	180	6481	2.130	ug/l	96

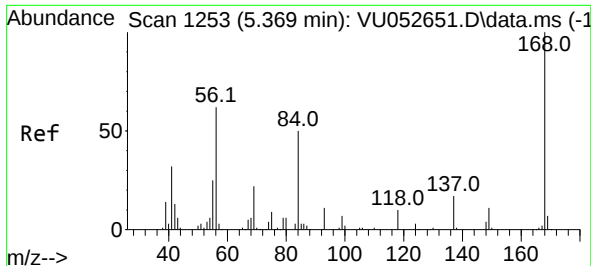
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Quant Title : SW846 8260
QLast Update : Fri Jan 13 02:01:27 2023
Response via : Initial Calibration

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

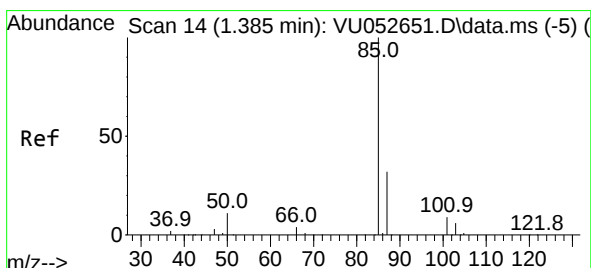
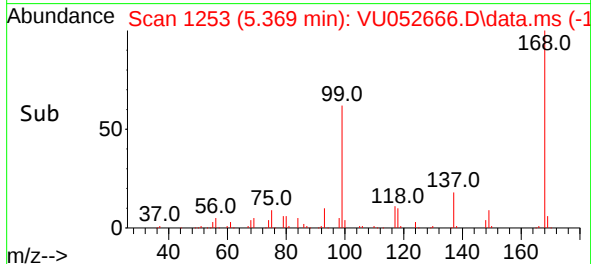
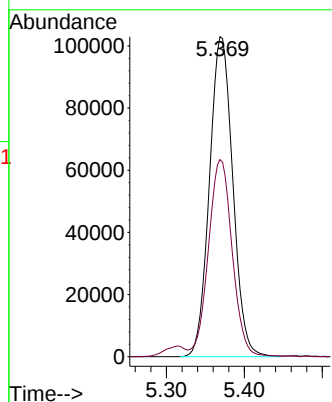
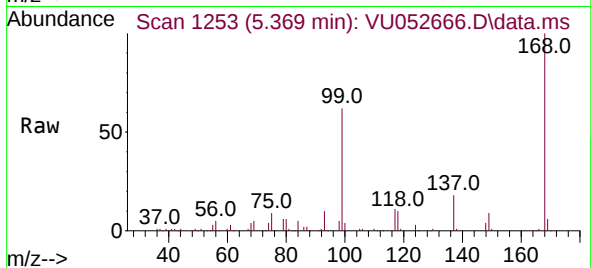
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

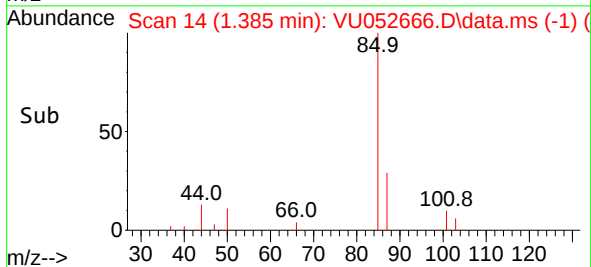
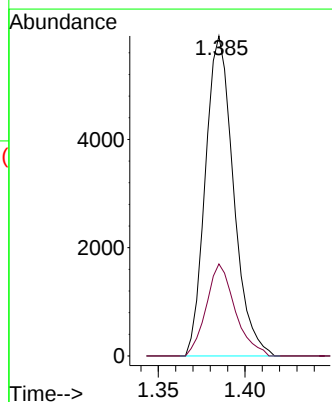
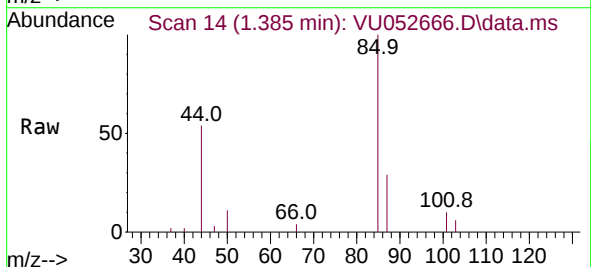
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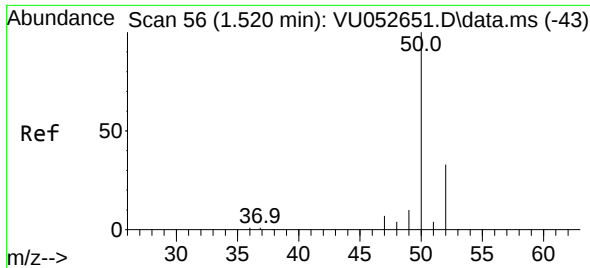
Tgt Ion:168 Resp: 214570
Ion Ratio Lower Upper
168 100
99 61.5 39.3 58.9#



#2
Dichlorodifluoromethane
Concen: 2.461 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

Tgt Ion: 85 Resp: 6654
Ion Ratio Lower Upper
85 100
87 28.7 16.4 49.2

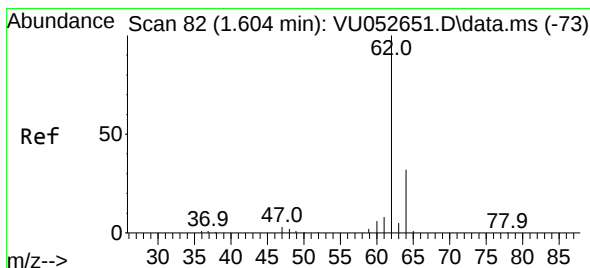
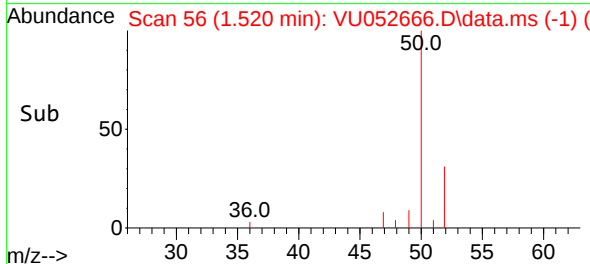
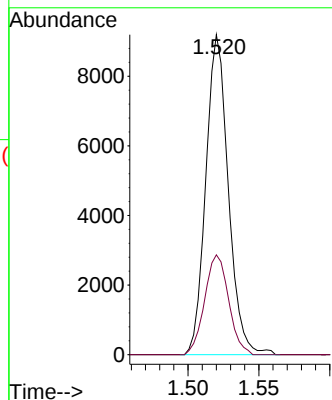
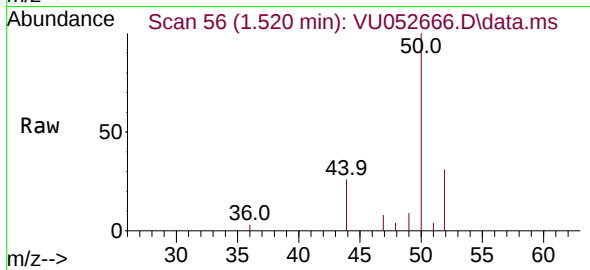




#3
Chloromethane
Concen: 2.576 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

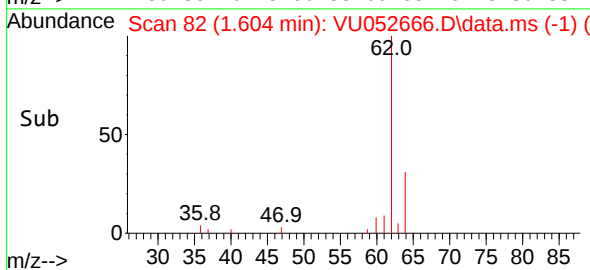
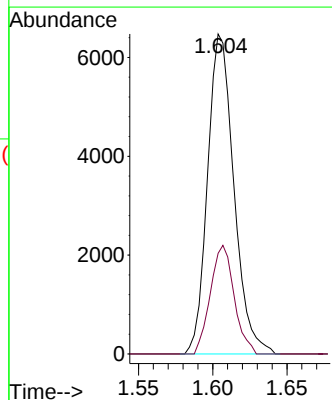
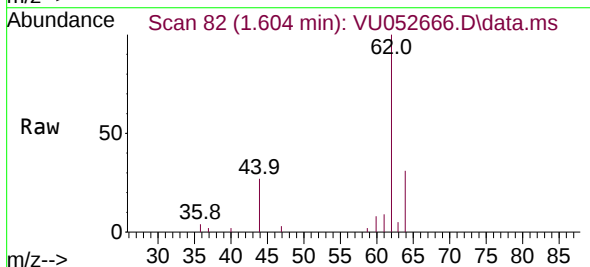
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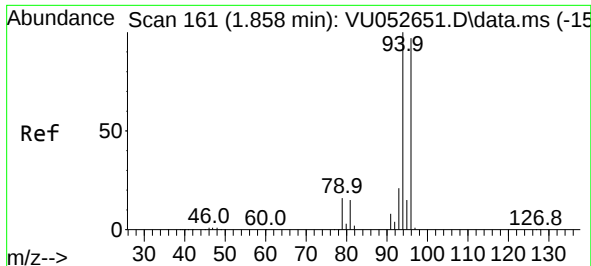
Tgt Ion: 50 Resp: 10144
Ion Ratio Lower Upper
50 100
52 31.2 27.4 41.2



#4
Vinyl Chloride
Concen: 2.355 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

Tgt Ion: 62 Resp: 7981
Ion Ratio Lower Upper
62 100
64 31.5 25.3 37.9

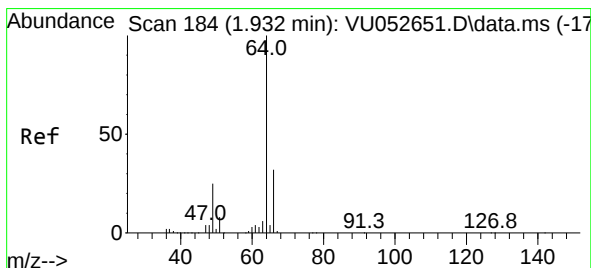
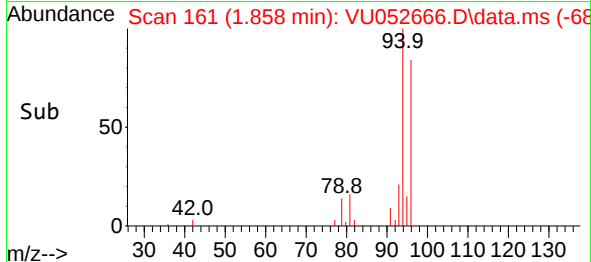
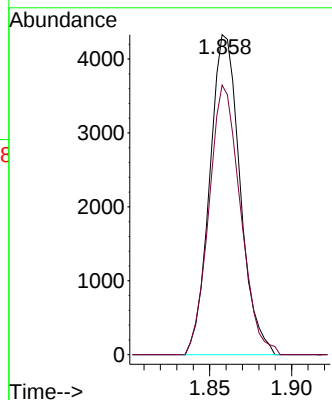
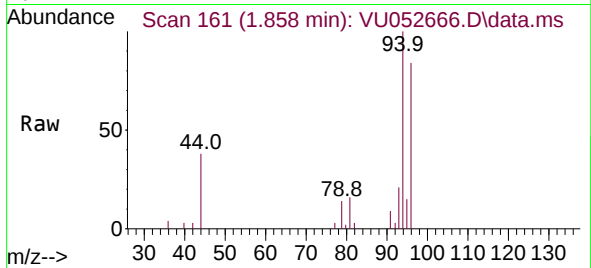




#5
Bromomethane
Concen: 2.820 ug/l
RT: 1.858 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

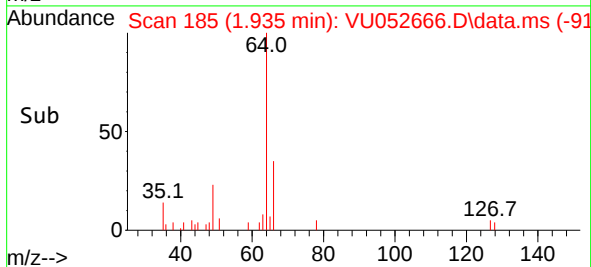
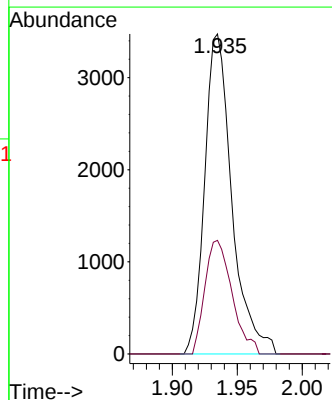
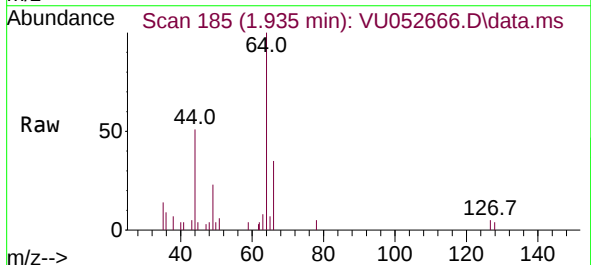
Instrument :
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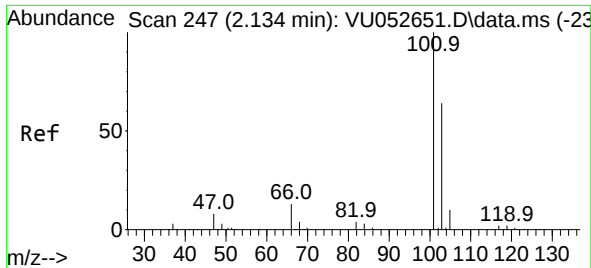
Tgt Ion: 94 Resp: 5558
Ion Ratio Lower Upper
94 100
96 84.2 73.7 110.5



#6
Chloroethane
Concen: 2.486 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

Tgt Ion: 64 Resp: 5056
Ion Ratio Lower Upper
64 100
66 35.5 24.7 37.1

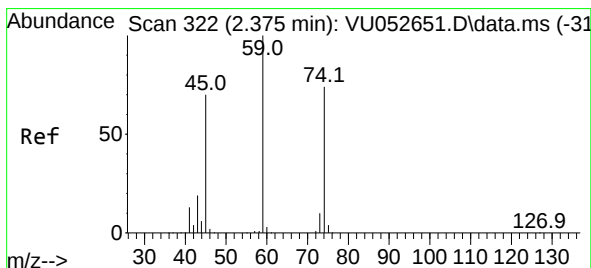
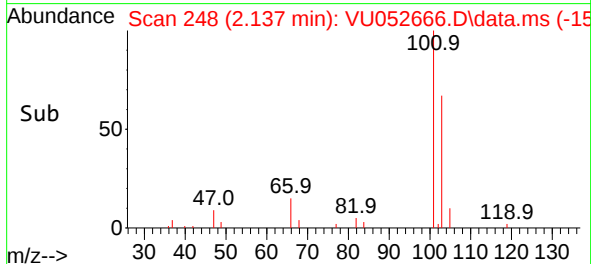
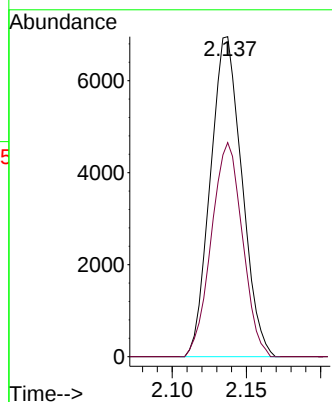
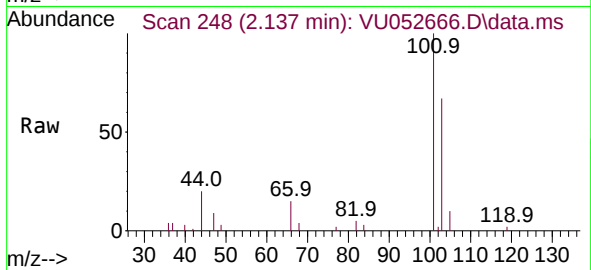




#7
 Trichlorofluoromethane
 Concen: 2.413 ug/l
 RT: 2.137 min Scan# 247
 Delta R.T. 0.003 min
 Lab File: VU052666.D
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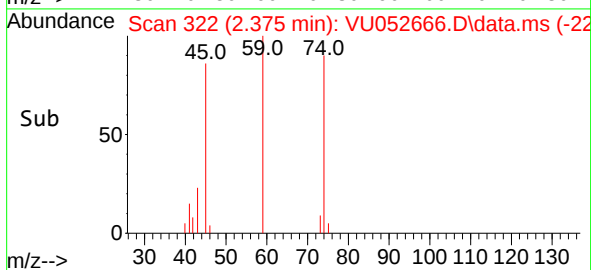
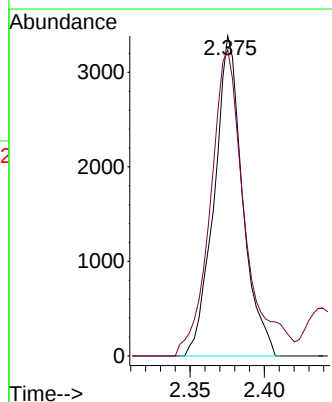
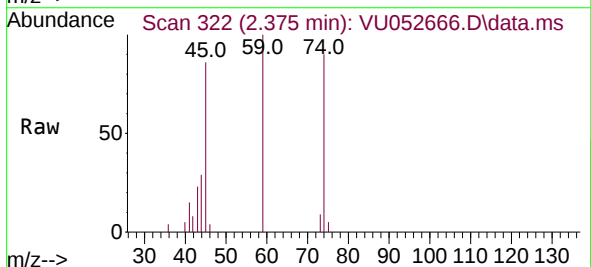
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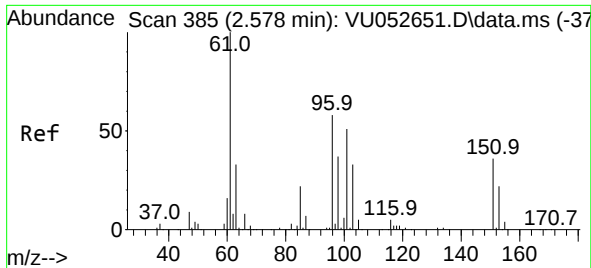
Tgt Ion:101 Resp: 10270
 Ion Ratio Lower Upper
 101 100
 103 66.9 50.6 75.8



#8
 Diethyl Ether
 Concen: 2.567 ug/l
 RT: 2.375 min Scan# 322
 Delta R.T. 0.000 min
 Lab File: VU052666.D
 Acq: 12 Jan 2023 15:13

Tgt Ion: 74 Resp: 4489
 Ion Ratio Lower Upper
 74 100
 45 115.8 44.4 133.2

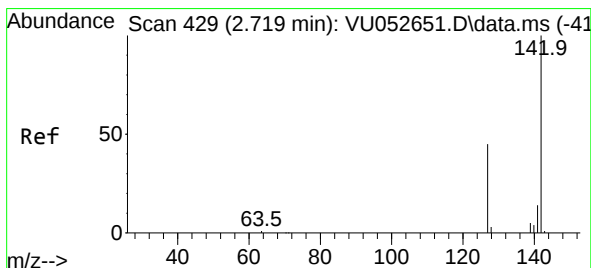
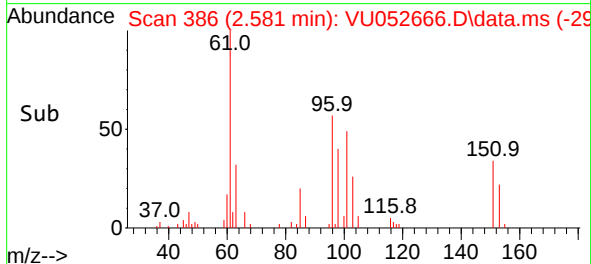
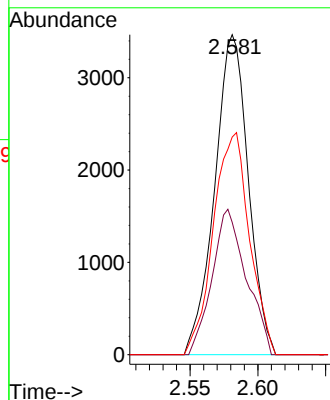
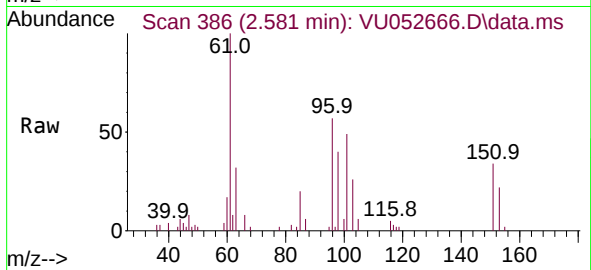




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.355 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU052666.D
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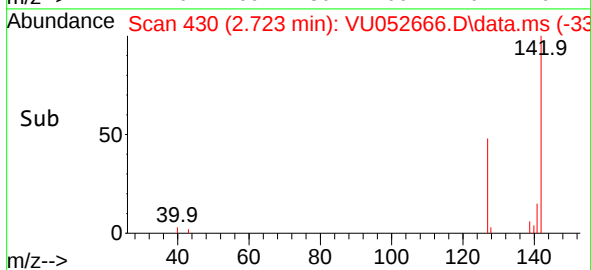
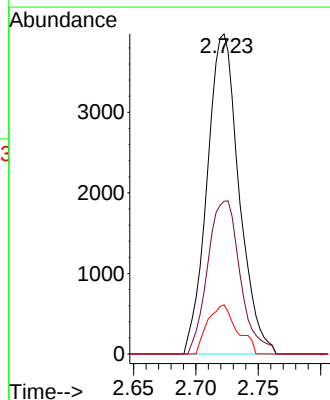
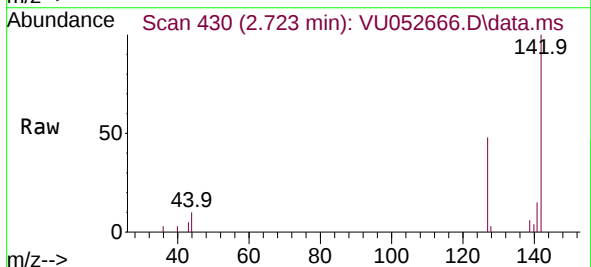
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MDL02

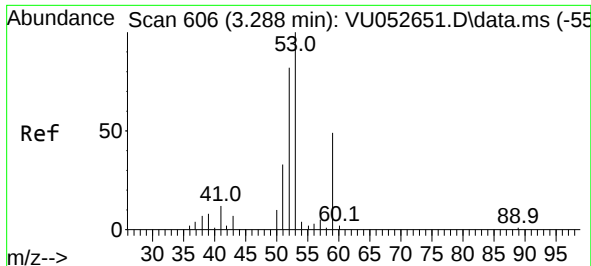
Tgt Ion:101 Resp: 5992
Ion Ratio Lower Upper
101 100
85 46.3 33.9 50.9
151 74.5 64.0 96.0



#10
Methyl Iodide
Concen: 2.687 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.004 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

Tgt Ion:142 Resp: 7083
Ion Ratio Lower Upper
142 100
127 48.9 32.5 48.7#
141 14.1 11.4 17.0

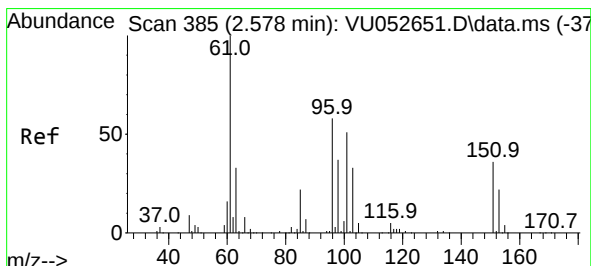
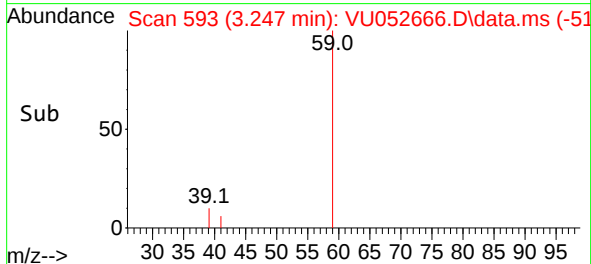
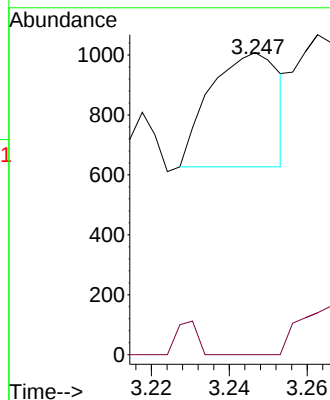
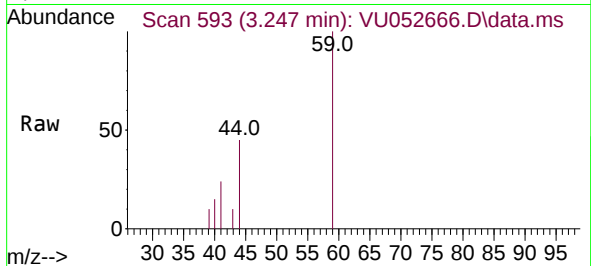




#11
Tert butyl alcohol
Concen: 0.691 ug/l
RT: 3.247 min Scan# 59
Delta R.T. -0.041 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

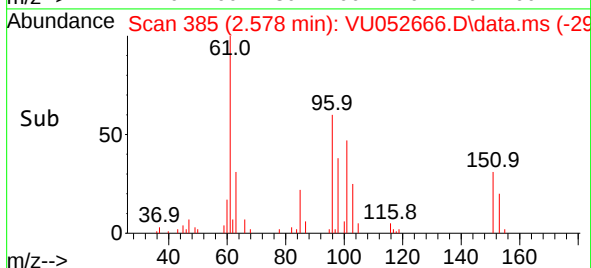
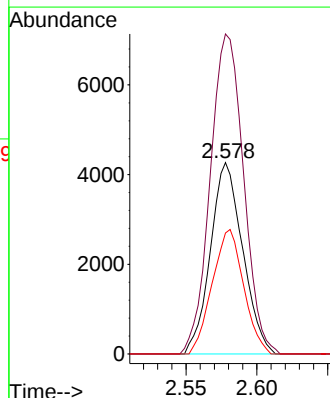
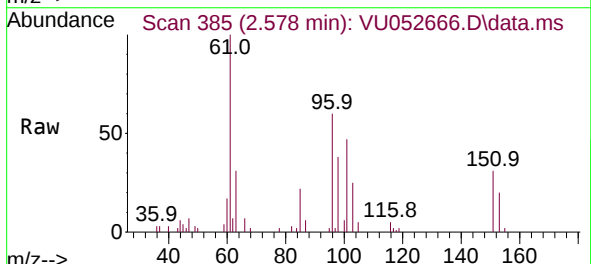
Instrument :
MSVOA_U
ClientSampleId :
MDL02

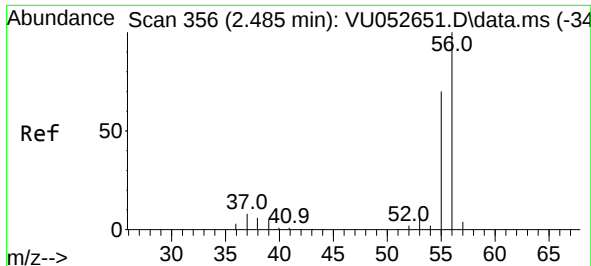
Tgt Ion: 59 Resp: 465
Ion Ratio Lower Upper
59 100
57 0.0 30.6 45.8#



#12
1,1-Dichloroethene
Concen: 2.692 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

Tgt Ion: 96 Resp: 6747
Ion Ratio Lower Upper
96 100
61 167.2 122.2 183.2
98 63.2 50.7 76.1

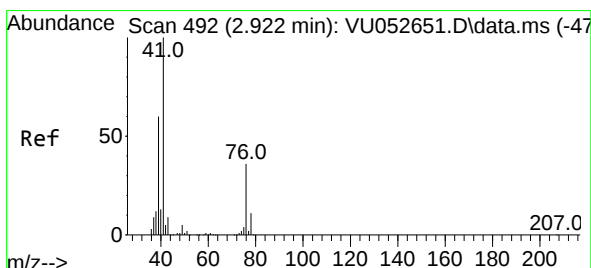
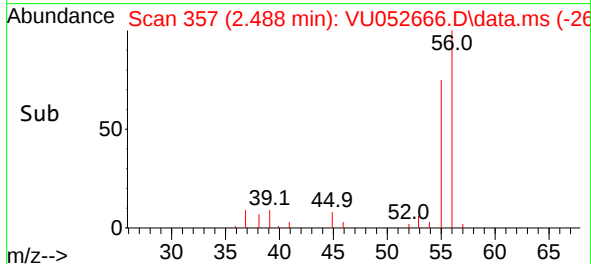
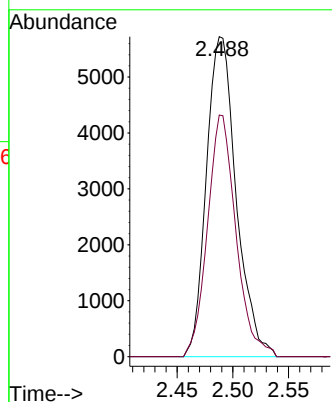
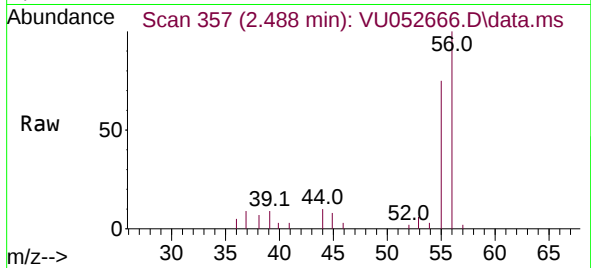




#13
Acrolein
Concen: 13.138 ug/l
RT: 2.488 min Scan# 356
Delta R.T. 0.003 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

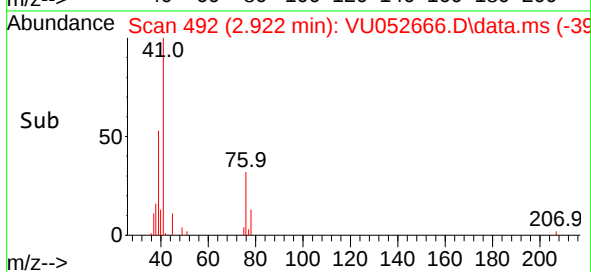
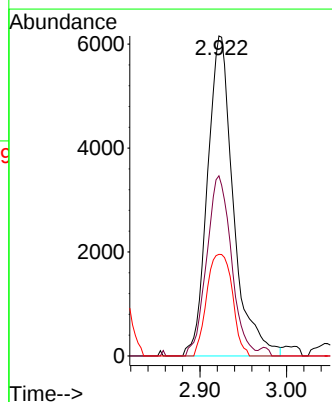
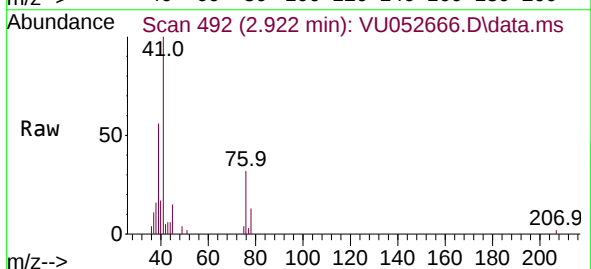
Instrument :
MSVOA_U
ClientSampleId :
MDL02

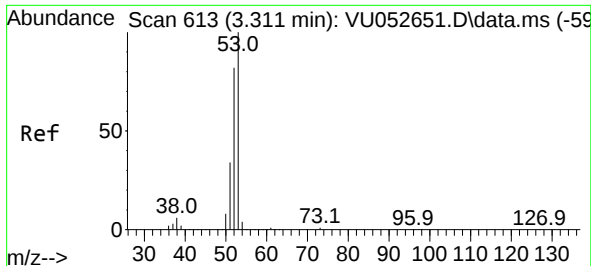
Tgt Ion: 56 Resp: 10670
Ion Ratio Lower Upper
56 100
55 71.9 56.6 85.0



#14
Allyl chloride
Concen: 2.589 ug/l
RT: 2.922 min Scan# 492
Delta R.T. -0.000 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

Tgt Ion: 41 Resp: 12782
Ion Ratio Lower Upper
41 100
39 53.8 53.4 80.2
76 31.3 33.8 50.6#

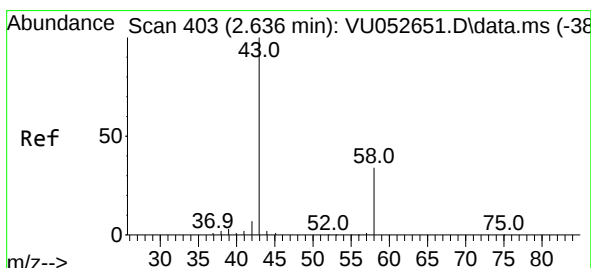
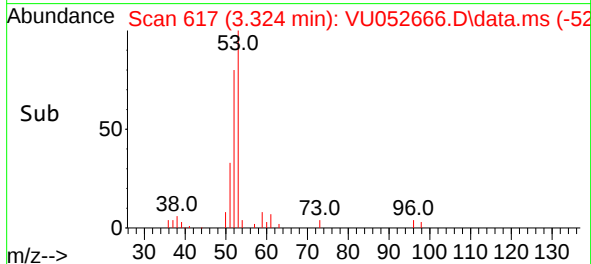
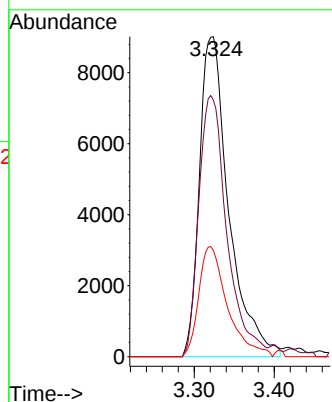
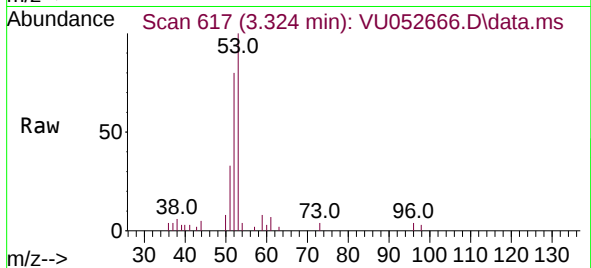




#15
Acrylonitrile
Concen: 12.730 ug/l
RT: 3.324 min Scan# 613
Delta R.T. 0.013 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

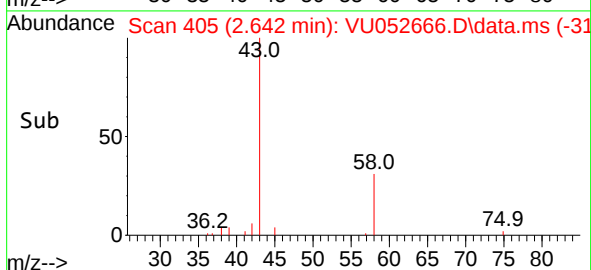
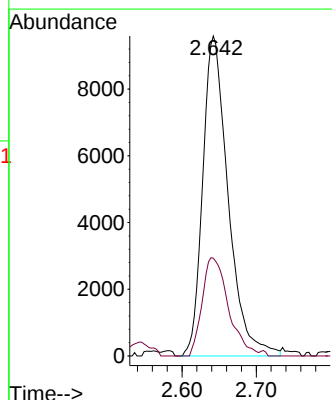
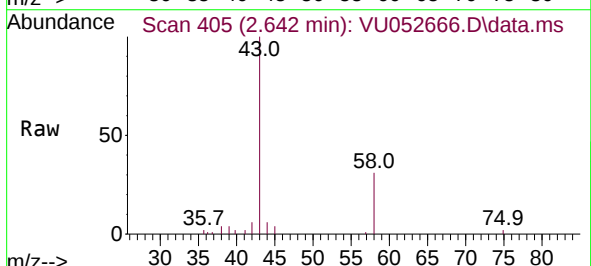
Instrument :
MSVOA_U
ClientSampleId :
MDL02

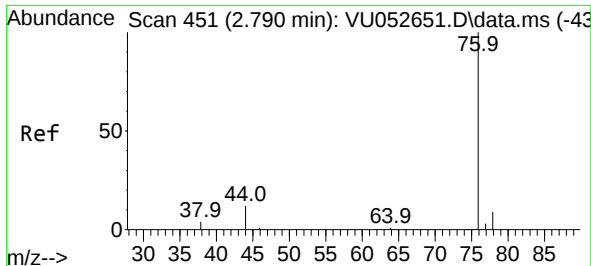
Tgt Ion: 53	Resp: 23036
Ion Ratio	Lower Upper
53	100
52	78.1 65.7 98.5
51	33.6 28.2 42.4



#16
Acetone
Concen: 12.982 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.006 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

Tgt Ion: 43	Resp: 22822
Ion Ratio	Lower Upper
43	100
58	30.6 27.5 41.3

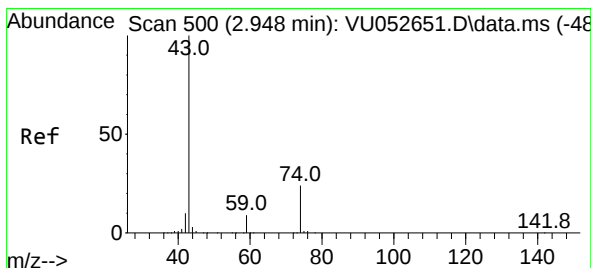
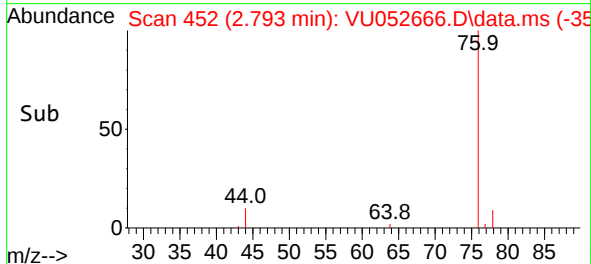
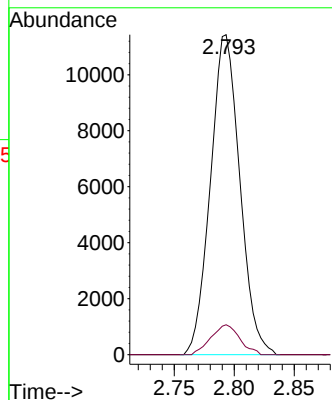
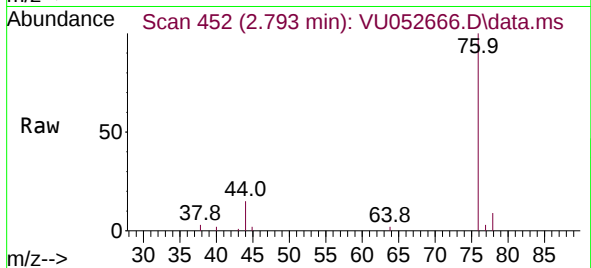




#17
Carbon Disulfide
Concen: 2.450 ug/l
RT: 2.793 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

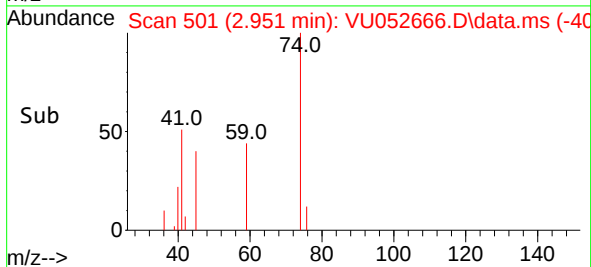
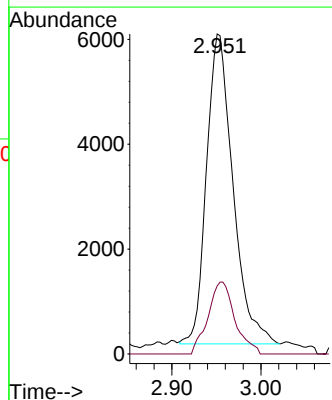
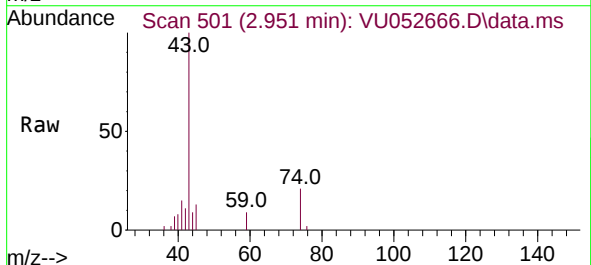
Instrument :
MSVOA_U
ClientSampleId :
MDL02

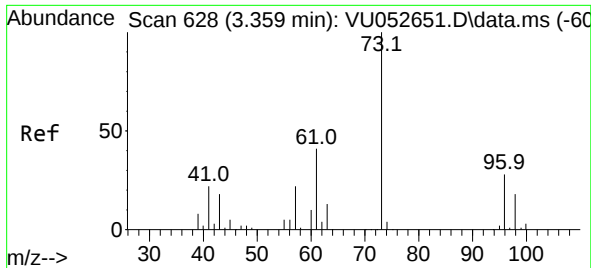
Tgt Ion: 76 Resp: 19462
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 2.382 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

Tgt Ion: 43 Resp: 12207
Ion Ratio Lower Upper
43 100
74 23.5 22.5 33.7

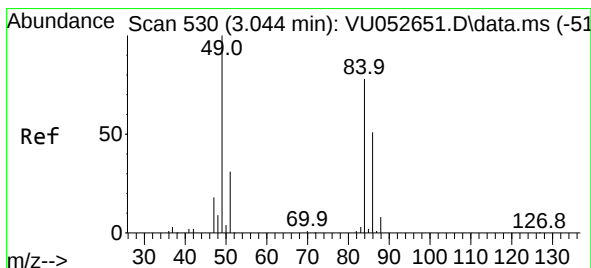
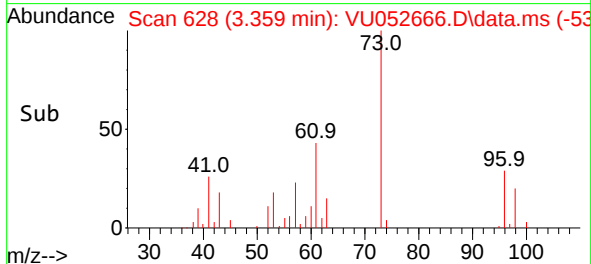
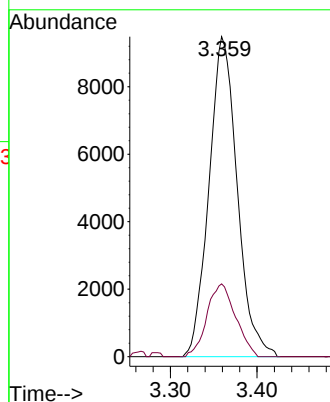
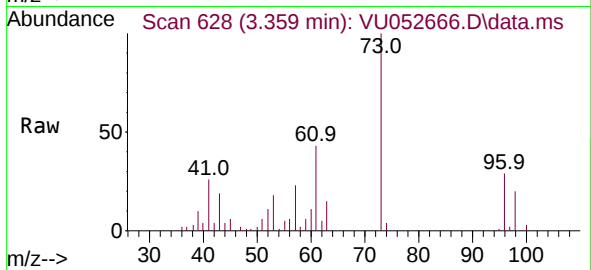




#19
Methyl tert-butyl Ether
Concen: 2.477 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

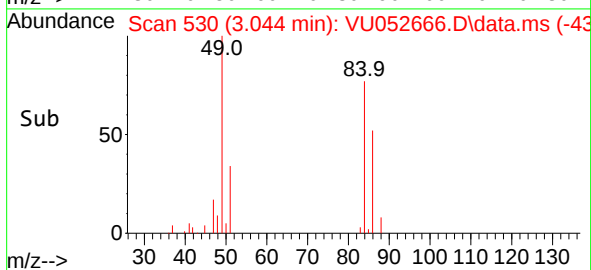
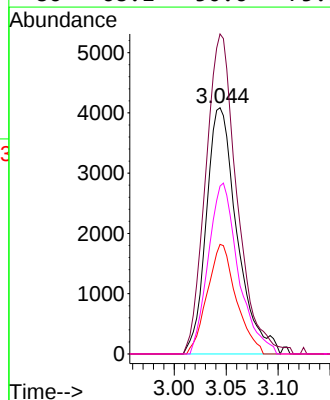
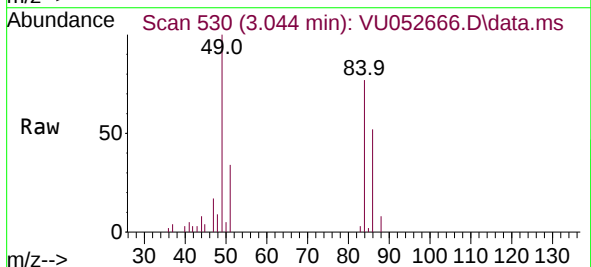
Instrument :
MSVOA_U
ClientSampleId :
MDL02

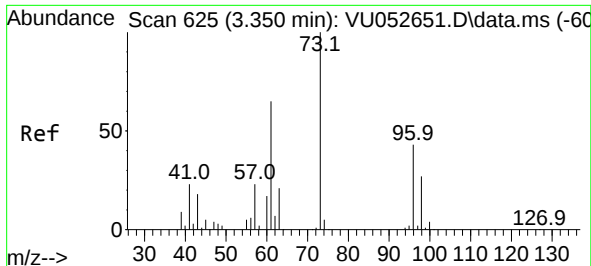
Tgt Ion: 73 Resp: 21469
Ion Ratio Lower Upper
73 100
57 22.8 17.1 25.7



#20
Methylene Chloride
Concen: 2.271 ug/l
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

Tgt Ion: 84 Resp: 8410
Ion Ratio Lower Upper
84 100
49 129.9 86.6 129.8#
51 44.5 26.6 40.0#
86 68.1 50.6 75.8

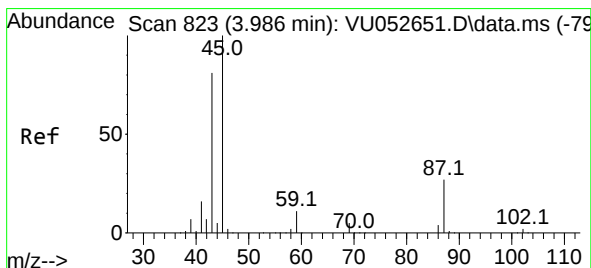
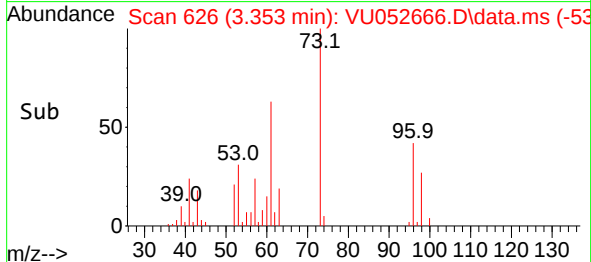
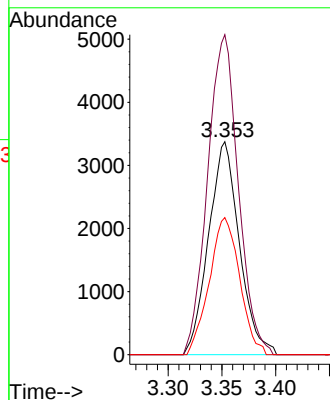
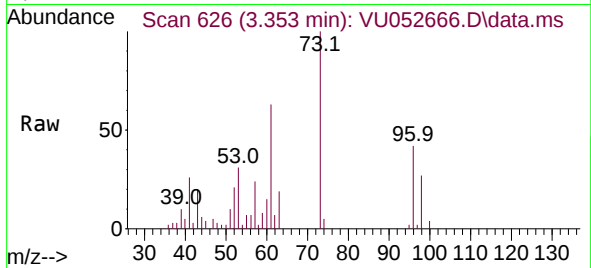




#21
trans-1,2-Dichloroethene
Concen: 2.482 ug/l
RT: 3.353 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

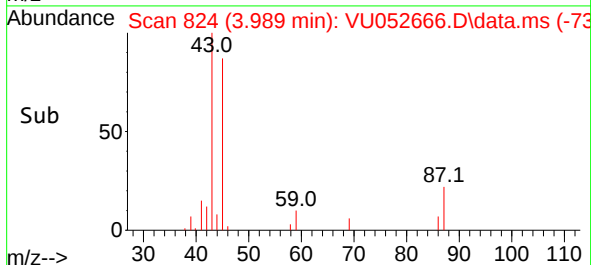
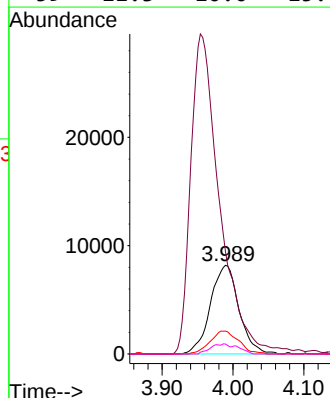
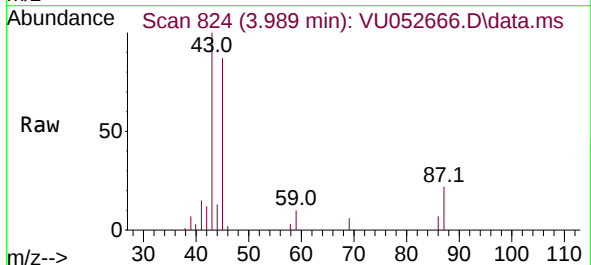
Instrument :
MSVOA_U
ClientSampleId :
MDL02

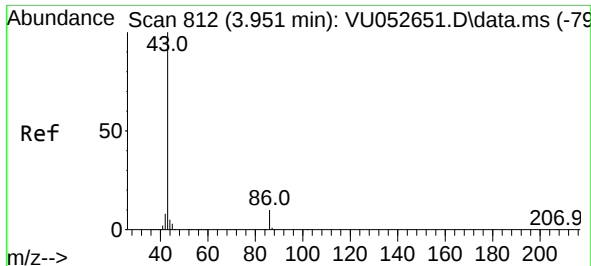
Tgt Ion: 96 Resp: 6731
Ion Ratio Lower Upper
96 100
61 150.3 106.1 159.1
98 64.4 50.8 76.2



#22
Diisopropyl ether
Concen: 2.411 ug/l
RT: 3.989 min Scan# 824
Delta R.T. 0.003 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

Tgt Ion: 45 Resp: 22883
Ion Ratio Lower Upper
45 100
43 108.9 92.9 139.3
87 25.9 26.2 39.2#
59 11.3 10.0 15.0

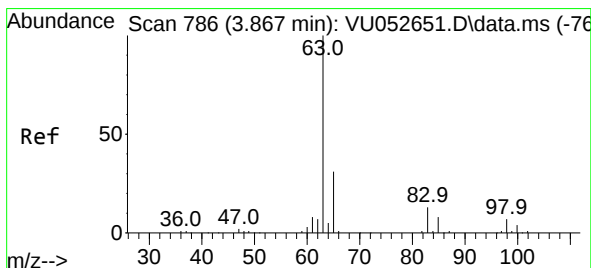
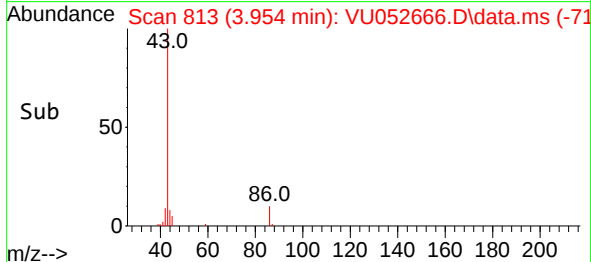
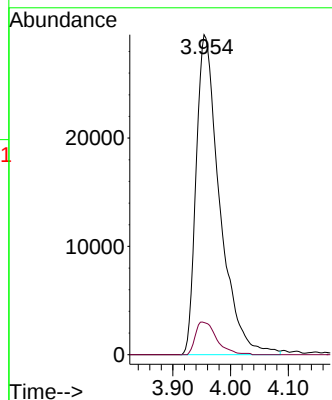
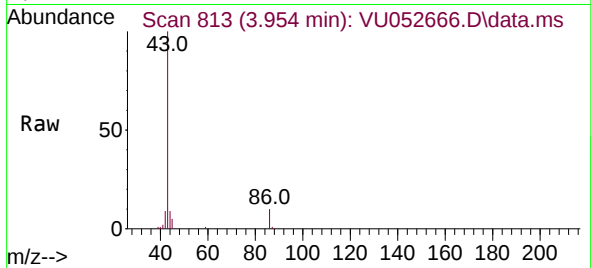




#23
 Vinyl Acetate
 Concen: 11.342 ug/l
 RT: 3.954 min Scan# 812
 Delta R.T. 0.003 min
 Lab File: VU052666.D
 Acq: 12 Jan 2023 15:13

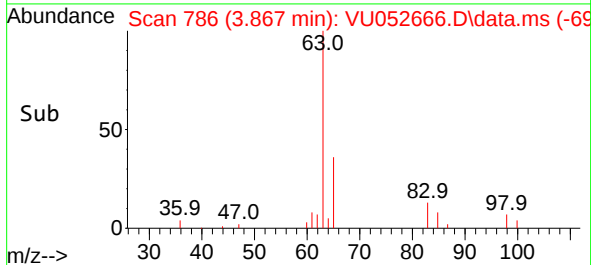
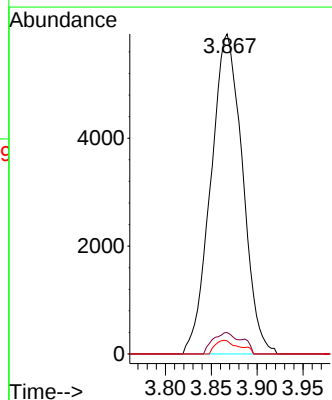
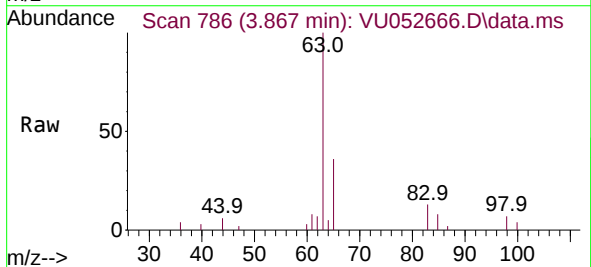
Instrument :
 MSVOA_U
 ClientSampleId :
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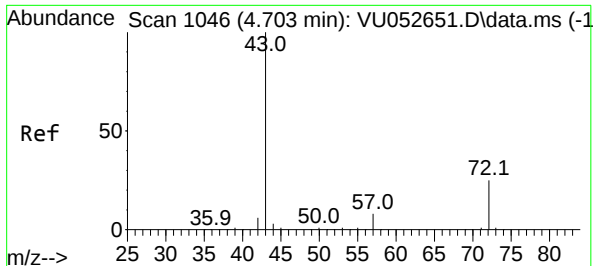
Tgt Ion: 43 Resp: 83834
 Ion Ratio Lower Upper
 43 100
 86 10.0 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 2.551 ug/l
 RT: 3.867 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VU052666.D
 Acq: 12 Jan 2023 15:13

Tgt Ion: 63 Resp: 14240
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.9
 100 4.1 2.4 7.2

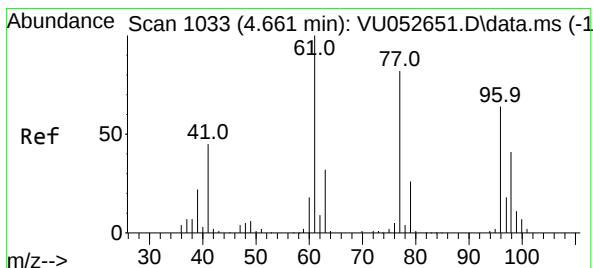
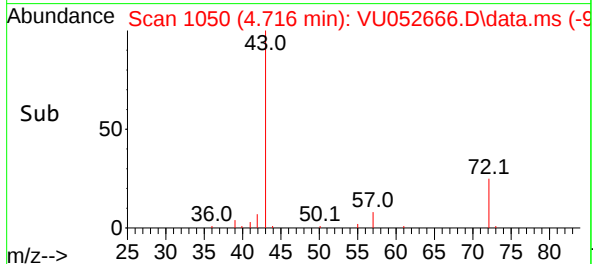
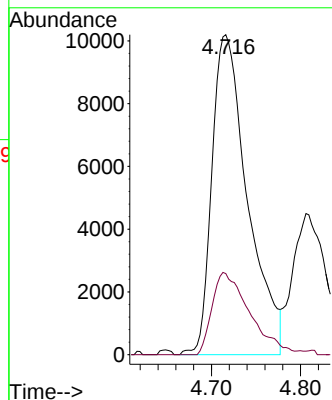
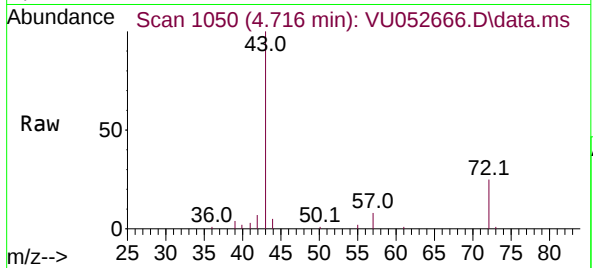




#25
2-Butanone
Concen: 11.742 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.013 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

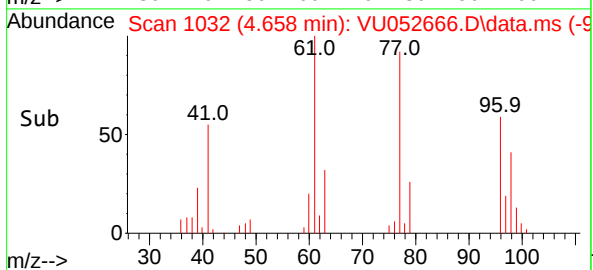
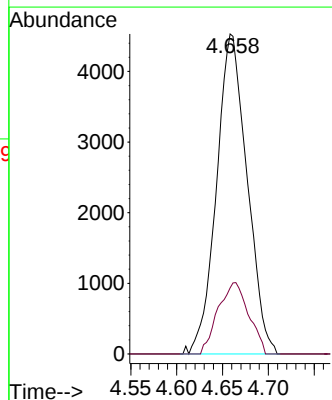
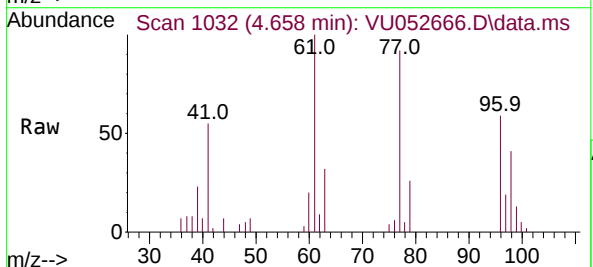
Instrument :
MSVOA_U
ClientSampleId :
MDL02

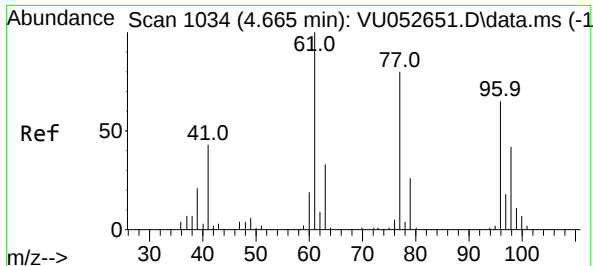
Tgt Ion: 43 Resp: 28342
Ion Ratio Lower Upper
43 100
72 25.3 23.8 35.6



#26
2,2-Dichloropropane
Concen: 2.412 ug/l
RT: 4.658 min Scan# 1032
Delta R.T. -0.003 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

Tgt Ion: 77 Resp: 10497
Ion Ratio Lower Upper
77 100
97 22.3 11.6 34.8

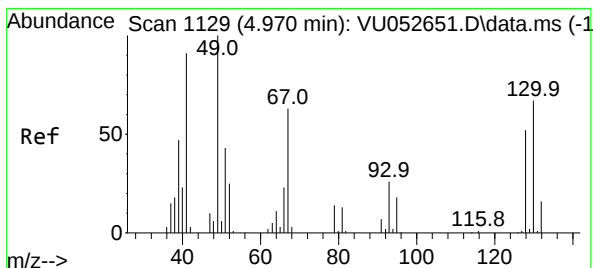
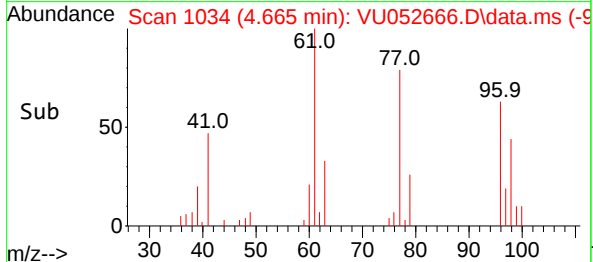
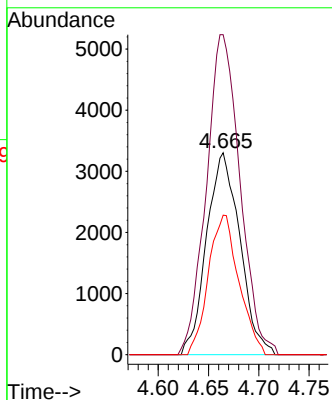
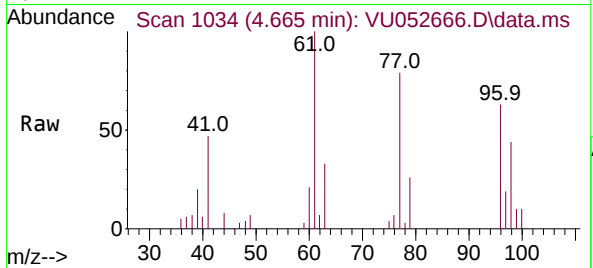




#27
 cis-1,2-Dichloroethene
 Concen: 2.458 ug/l
 RT: 4.665 min Scan# 110
 Delta R.T. -0.000 min
 Lab File: VU052666.D
 Acq: 12 Jan 2023 15:13

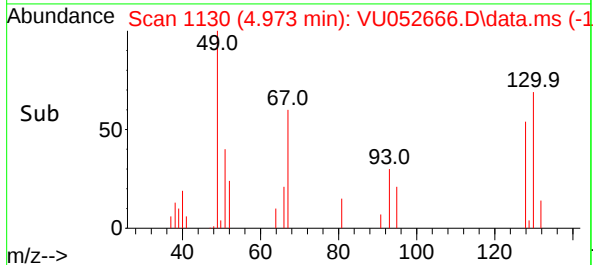
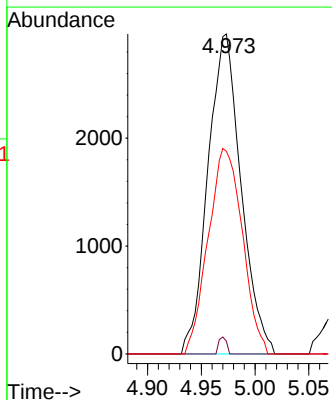
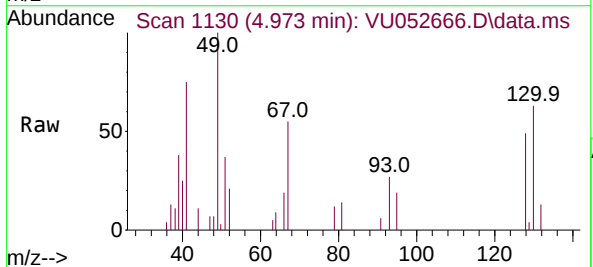
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02

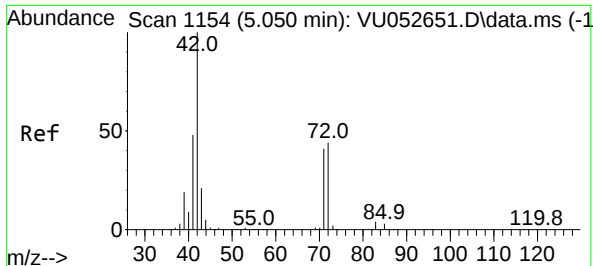
Tgt Ion: 96 Resp: 7614
 Ion Ratio Lower Upper
 96 100
 61 160.3 0.0 271.6
 98 63.2 0.0 128.2



#28
 Bromochloromethane
 Concen: 2.469 ug/l
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.003 min
 Lab File: VU052666.D
 Acq: 12 Jan 2023 15:13

Tgt Ion: 49 Resp: 6339
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.6
 130 66.4 76.9 115.3#





#29

Tetrahydrofuran

Concen: 11.706 ug/l

RT: 5.060 min Scan# 1157

Delta R.T. 0.010 min

Lab File: VU052666.D

Acq: 12 Jan 2023 15:13

Instrument :

MSVOA_U

ClientSampleId :

MDL02

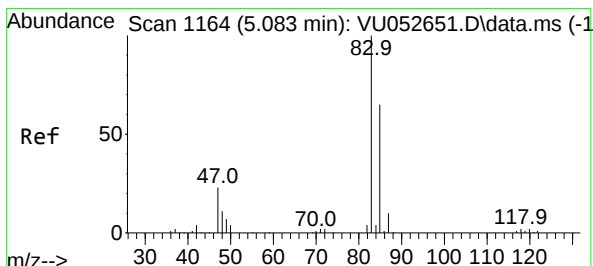
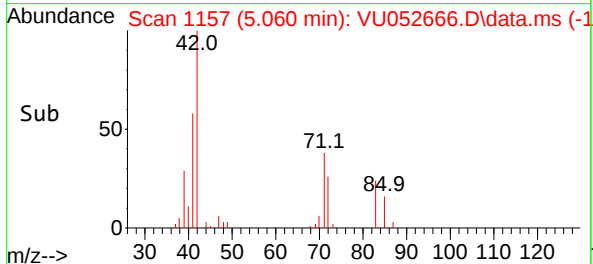
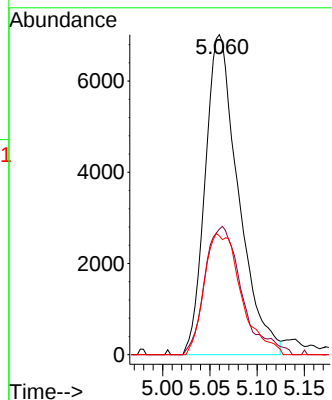
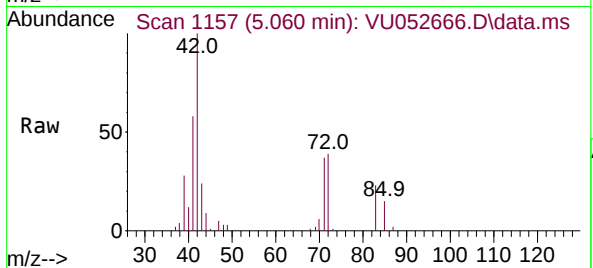
Tgt Ion: 42 Resp: 17137

Ion Ratio Lower Upper

42 100

72 44.6 42.6 63.8

71 42.1 40.3 60.5



#30

Chloroform

Concen: 2.623 ug/l

RT: 5.083 min Scan# 1164

Delta R.T. -0.000 min

Lab File: VU052666.D

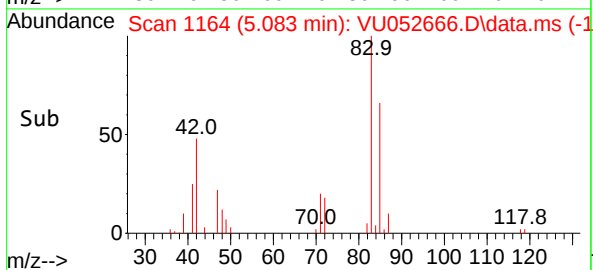
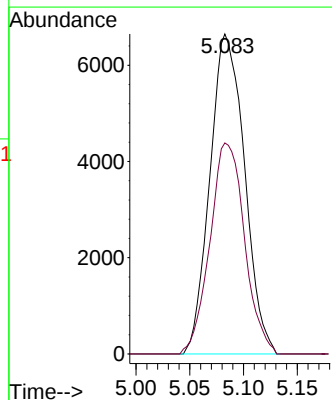
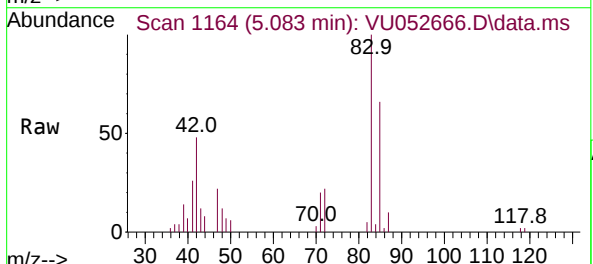
Acq: 12 Jan 2023 15:13

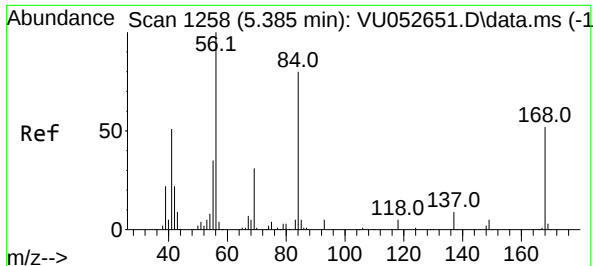
Tgt Ion: 83 Resp: 14894

Ion Ratio Lower Upper

83 100

85 65.9 51.2 76.8

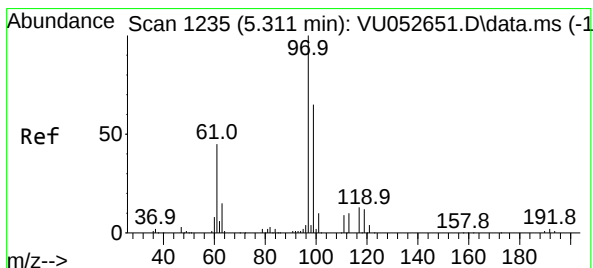
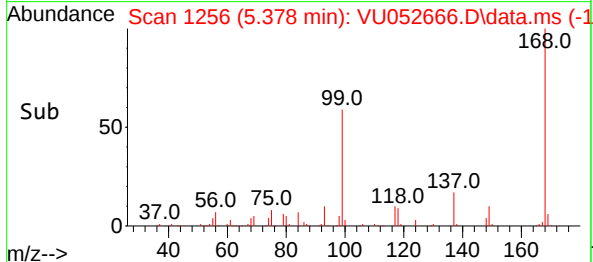
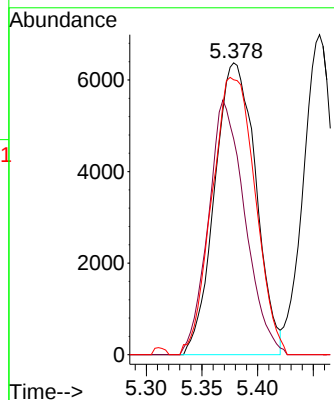
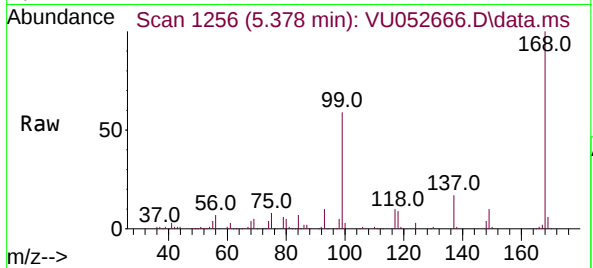




#31
Cyclohexane
Concen: 3.098 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.007 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

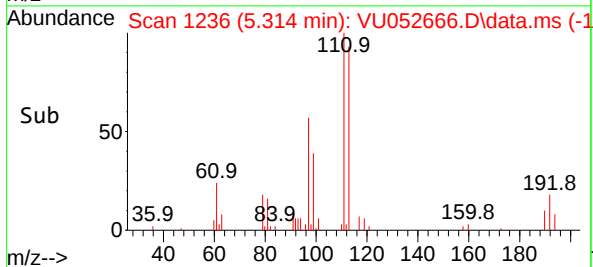
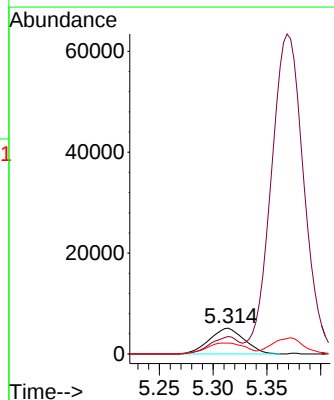
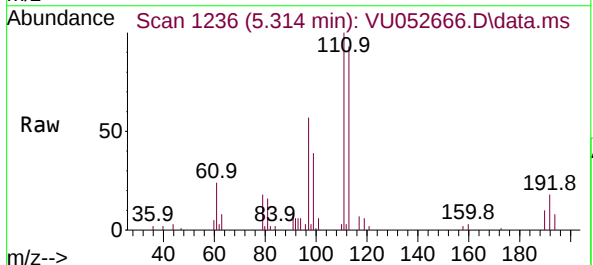
Instrument :
MSVOA_U
ClientSampleId :
MDL02

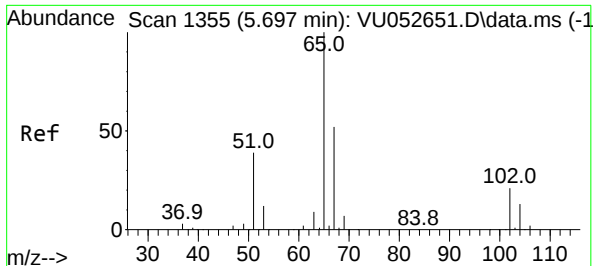
Tgt Ion: 56 Resp: 16381
Ion Ratio Lower Upper
56 100
69 74.0 27.8 41.8#
84 94.2 74.2 111.4



#32
1,1,1-Trichloroethane
Concen: 2.584 ug/l
RT: 5.314 min Scan# 1236
Delta R.T. 0.003 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

Tgt Ion: 97 Resp: 11485
Ion Ratio Lower Upper
97 100
99 55.2 51.8 77.6
61 47.0 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 51.989 ug/l

RT: 5.697 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU052666.D

Acq: 12 Jan 2023 15:13

Instrument :

MSVOA_U

ClientSampleId :

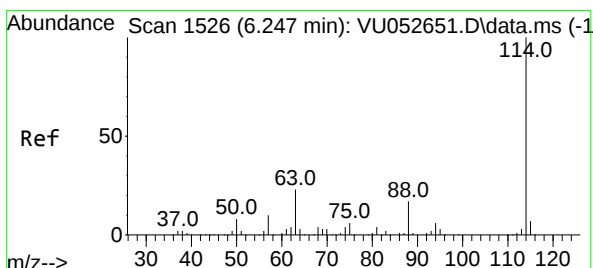
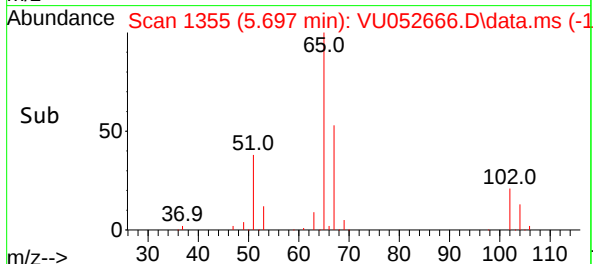
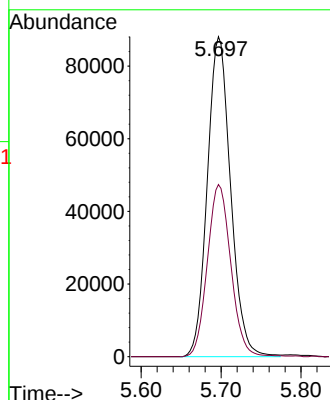
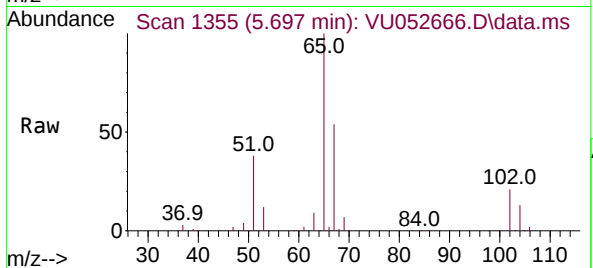
MDL02

Tgt Ion: 65 Resp: 178225

Ion Ratio Lower Upper

65 100

67 54.3 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.246 min Scan# 1526

Delta R.T. -0.001 min

Lab File: VU052666.D

Acq: 12 Jan 2023 15:13

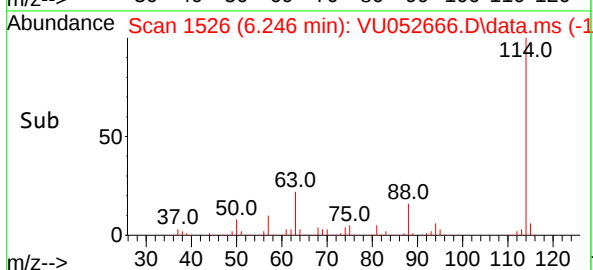
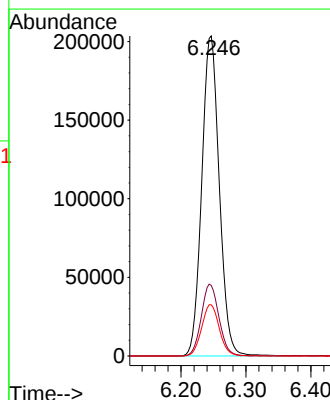
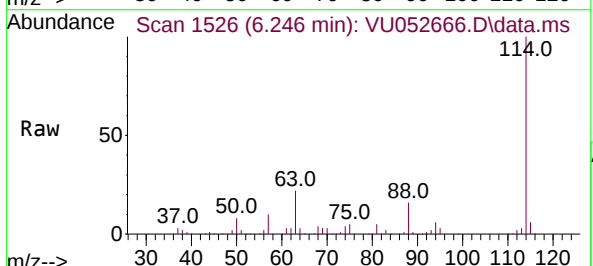
Tgt Ion: 114 Resp: 382366

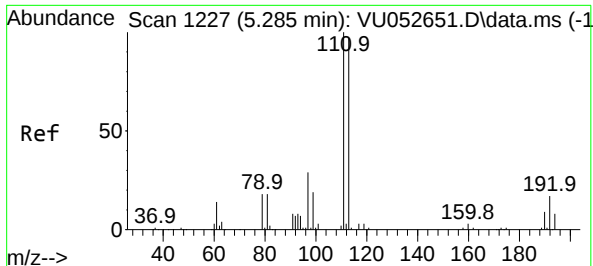
Ion Ratio Lower Upper

114 100

63 22.0 0.0 37.8

88 16.0 0.0 29.2





#35

Dibromofluoromethane

Concen: 49.275 ug/l

RT: 5.285 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052666.D

Acq: 12 Jan 2023 15:13

Instrument :

MSVOA_U

ClientSampleId :

MDL02

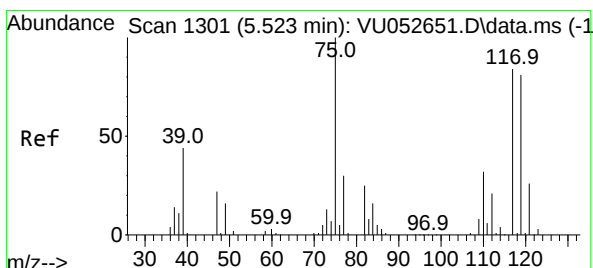
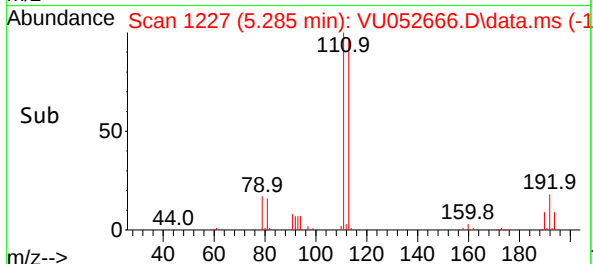
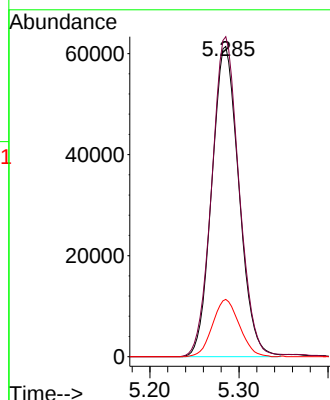
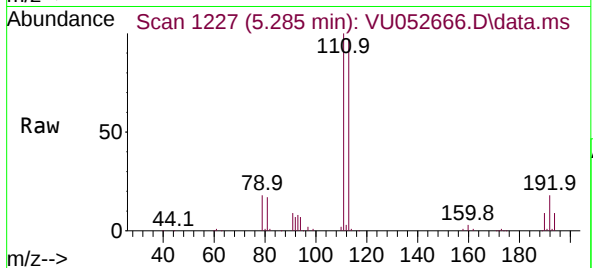
Tgt Ion:113 Resp: 129775

Ion Ratio Lower Upper

113 100

111 104.4 82.1 123.1

192 18.3 18.0 27.0



#36

1,1-Dichloropropene

Concen: 2.391 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VU052666.D

Acq: 12 Jan 2023 15:13

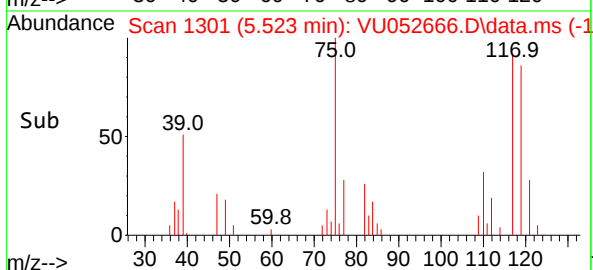
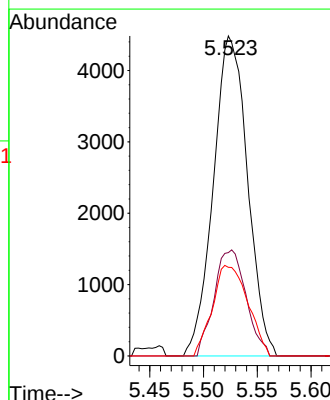
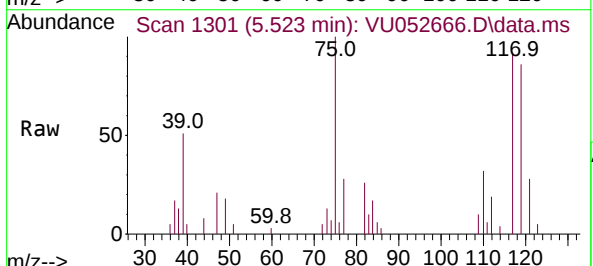
Tgt Ion: 75 Resp: 9908

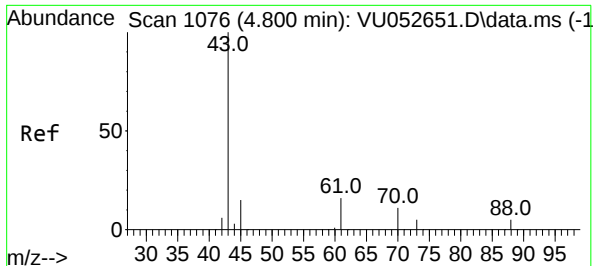
Ion Ratio Lower Upper

75 100

110 31.0 18.4 55.2

77 29.2 25.1 37.7





#37

Ethyl Acetate

Concen: 2.054 ug/l

RT: 4.806 min Scan# 1076

Delta R.T. 0.006 min

Lab File: VU052666.D

Acq: 12 Jan 2023 15:13

Instrument :

MSVOA_U

ClientSampleId :

MDL02

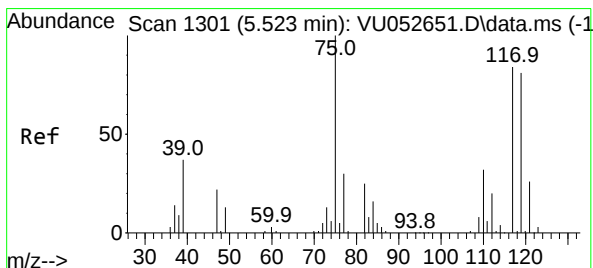
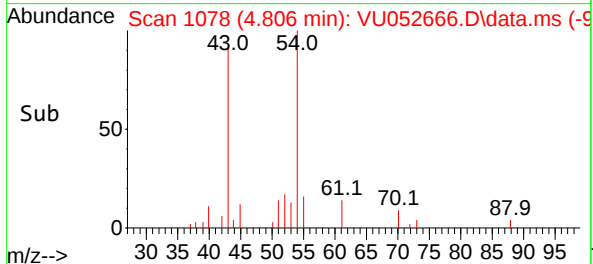
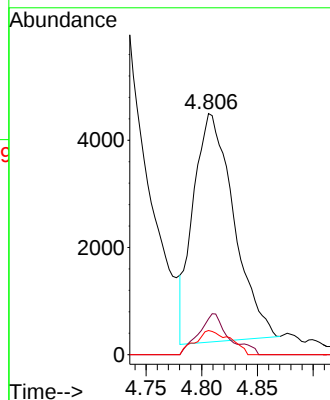
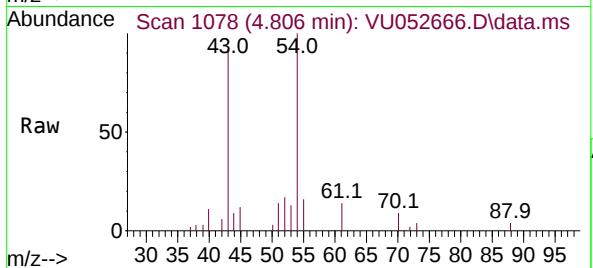
Tgt Ion: 43 Resp: 10790

Ion Ratio Lower Upper

43 100

61 13.2 9.5 14.3

70 9.1 7.5 11.3



#38

Carbon Tetrachloride

Concen: 2.338 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VU052666.D

Acq: 12 Jan 2023 15:13

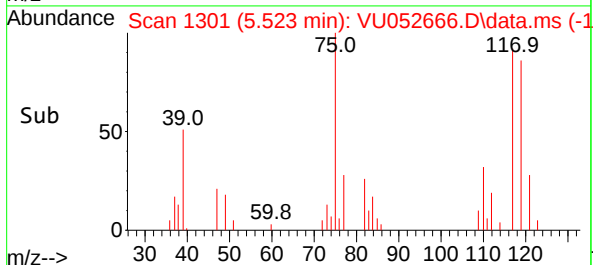
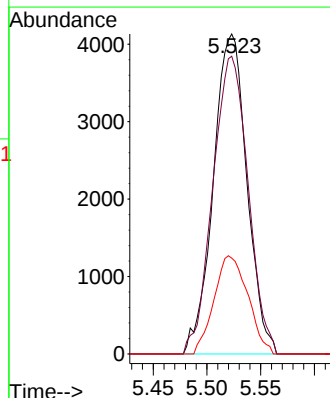
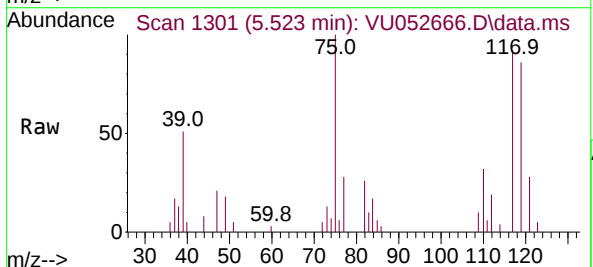
Tgt Ion: 117 Resp: 8987

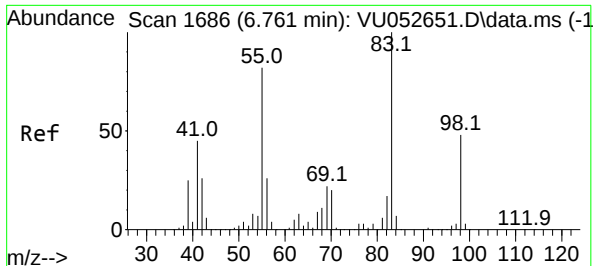
Ion Ratio Lower Upper

117 100

119 93.0 76.8 115.2

121 30.0 24.7 37.1





#39

Methylcyclohexane

Concen: 2.181 ug/l

RT: 6.761 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052666.D

Acq: 12 Jan 2023 15:13

Instrument :

MSVOA_U

ClientSampleId :

MDL02

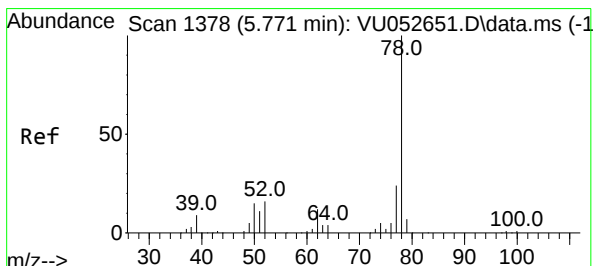
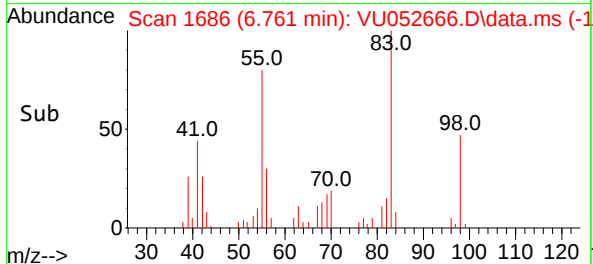
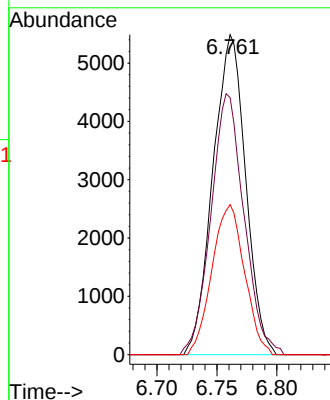
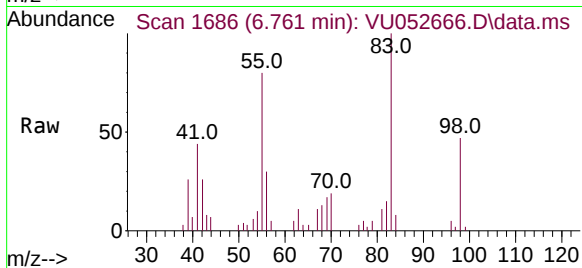
Tgt Ion: 83 Resp: 10400

Ion Ratio Lower Upper

83 100

55 80.3 55.3 82.9

98 46.9 37.3 55.9



#40

Benzene

Concen: 2.475 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. 0.003 min

Lab File: VU052666.D

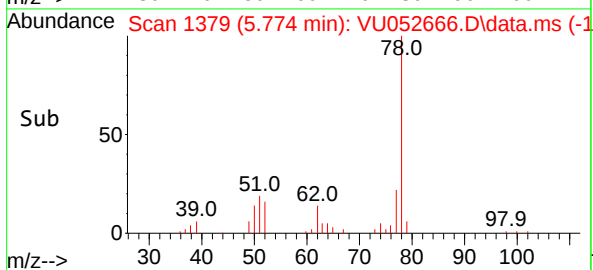
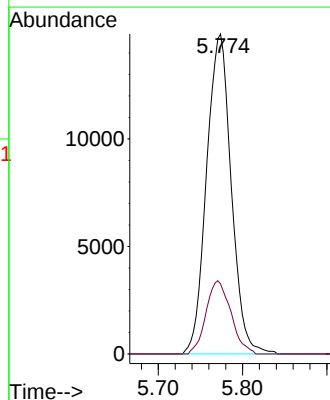
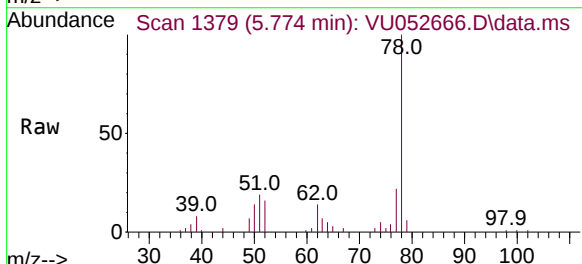
Acq: 12 Jan 2023 15:13

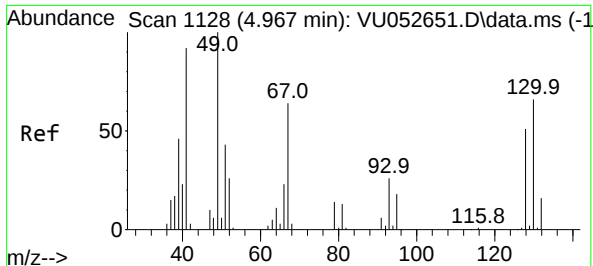
Tgt Ion: 78 Resp: 30315

Ion Ratio Lower Upper

78 100

77 21.9 18.8 28.2

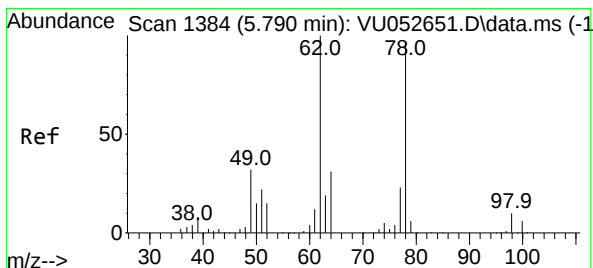
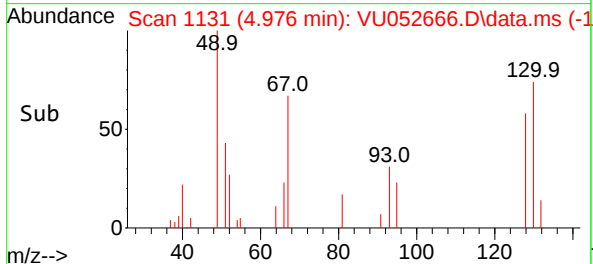
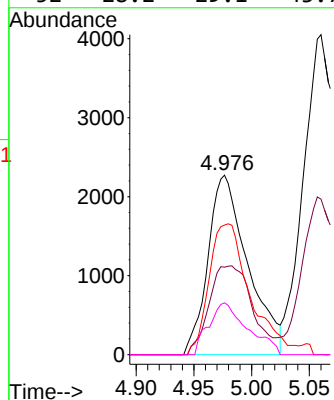
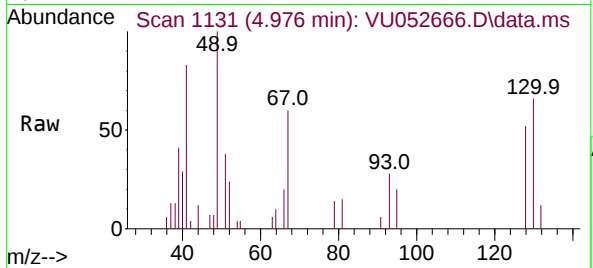




#41
Methacrylonitrile
Concen: 2.216 ug/l
RT: 4.976 min Scan# 1128
Delta R.T. 0.009 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

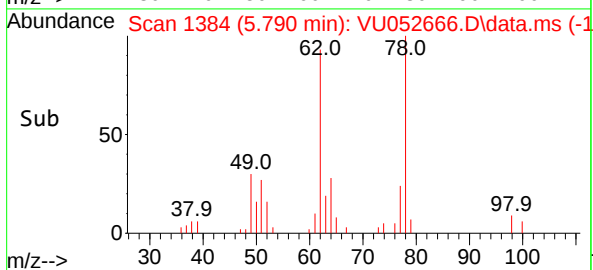
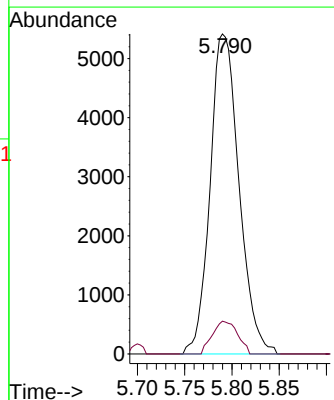
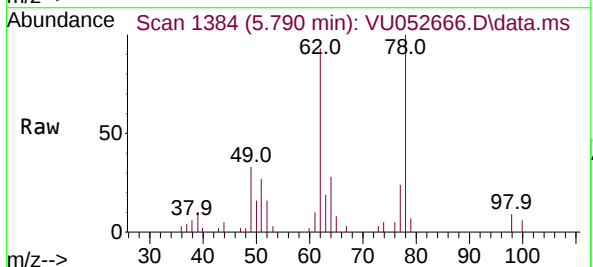
Instrument :
MSVOA_U
ClientSampleId :
MDL02

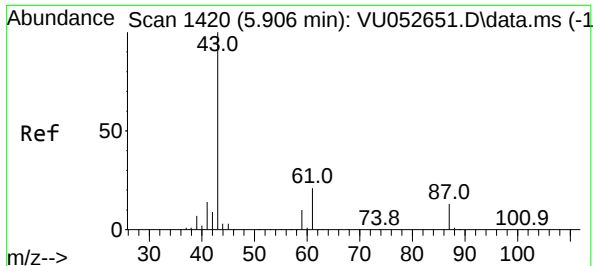
Tgt Ion: 41 Resp: 5460
Ion Ratio Lower Upper
41 100
39 53.7 43.1 64.7
67 75.2 72.3 108.5
52 28.2 29.1 43.7#



#42
1,2-Dichloroethane
Concen: 2.618 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

Tgt Ion: 62 Resp: 11531
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.6





#43

Isopropyl Acetate

Concen: 2.373 ug/l

RT: 5.912 min Scan# 1422

Delta R.T. 0.006 min

Lab File: VU052666.D

Acq: 12 Jan 2023 15:13

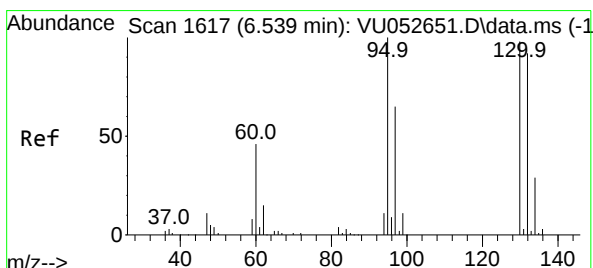
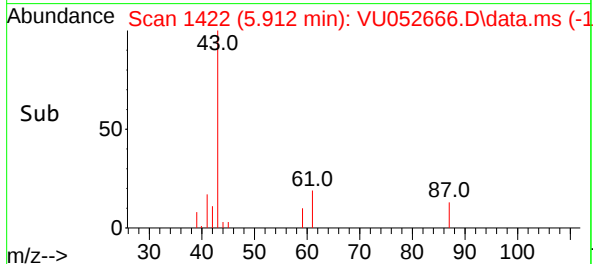
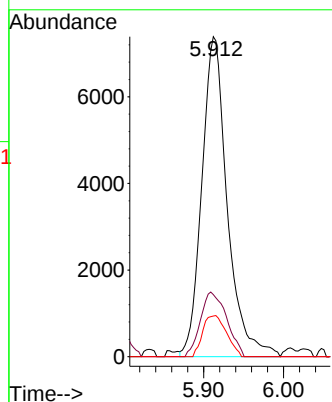
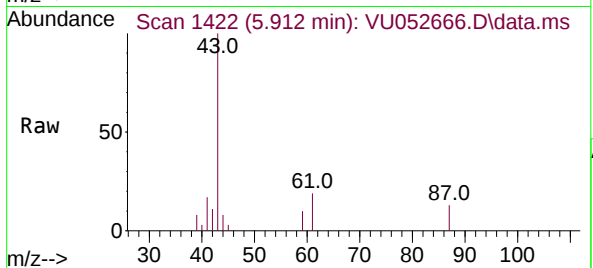
Instrument :

MSVOA_U

ClientSampleId :

MDL02

Tgt Ion: 43	Resp: 16356
Ion Ratio	Lower Upper
43	100
61	20.8 17.4 26.0
87	12.0 12.6 18.8



#44

Trichloroethene

Concen: 2.249 ug/l

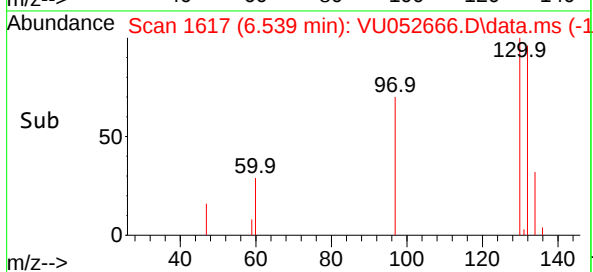
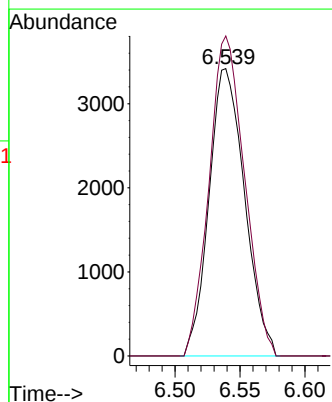
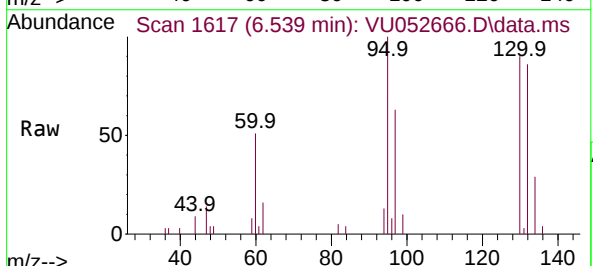
RT: 6.539 min Scan# 1617

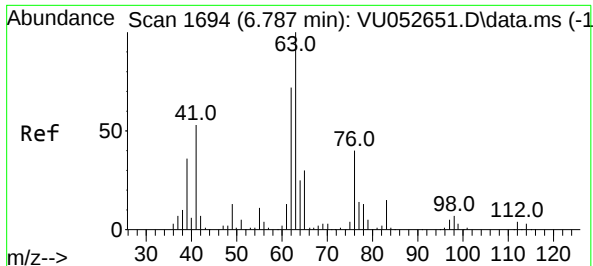
Delta R.T. 0.000 min

Lab File: VU052666.D

Acq: 12 Jan 2023 15:13

Tgt Ion: 130	Resp: 6510
Ion Ratio	Lower Upper
130	100
95	111.4 0.0 184.6





#45

1,2-Dichloropropane

Concen: 2.379 ug/l

RT: 6.787 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052666.D

Acq: 12 Jan 2023 15:13

Instrument :

MSVOA_U

ClientSampleId :

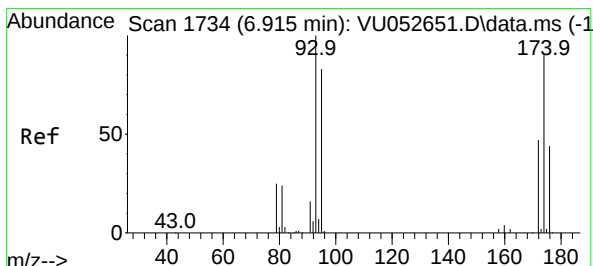
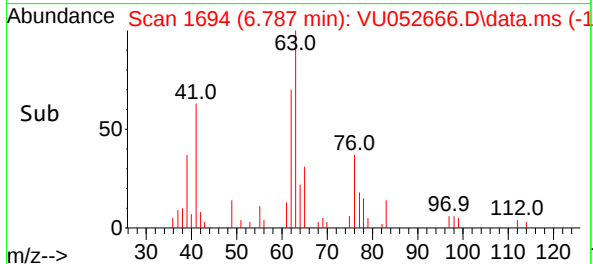
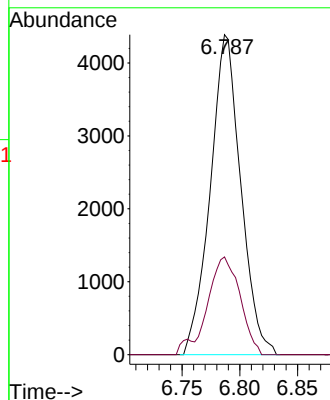
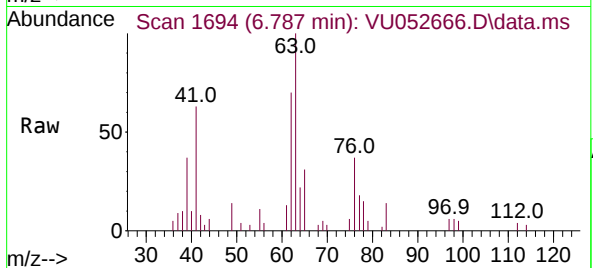
MDL02

Tgt Ion: 63 Resp: 8069

Ion Ratio Lower Upper

63 100

65 30.5 25.0 37.4



#46

Dibromomethane

Concen: 2.388 ug/l

RT: 6.912 min Scan# 1733

Delta R.T. -0.003 min

Lab File: VU052666.D

Acq: 12 Jan 2023 15:13

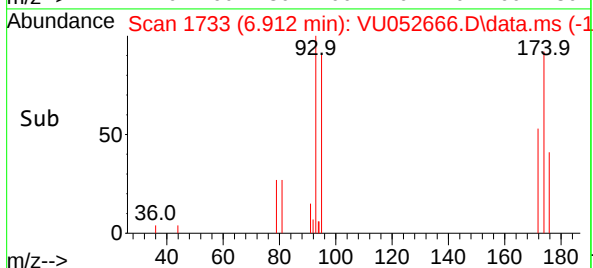
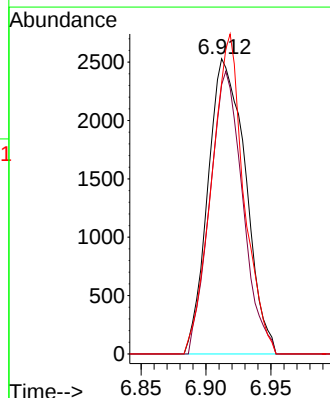
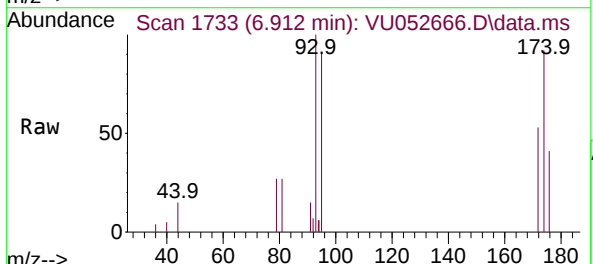
Tgt Ion: 93 Resp: 5082

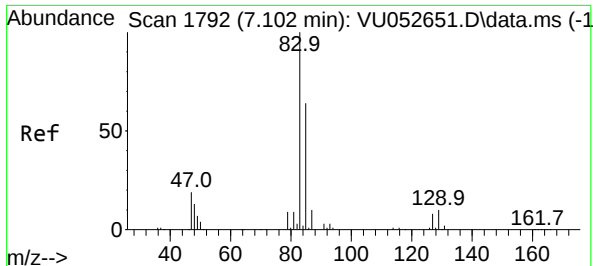
Ion Ratio Lower Upper

93 100

95 83.8 66.3 99.5

174 93.1 88.2 132.4

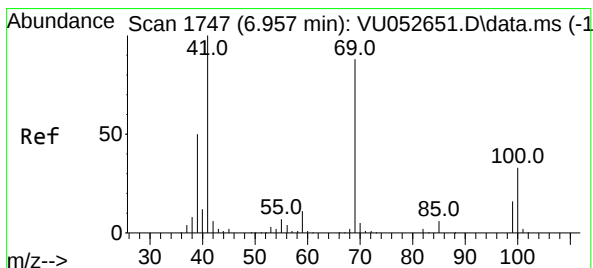
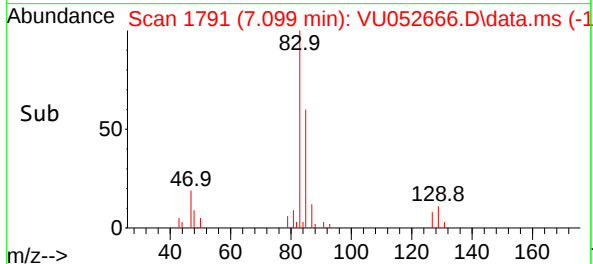
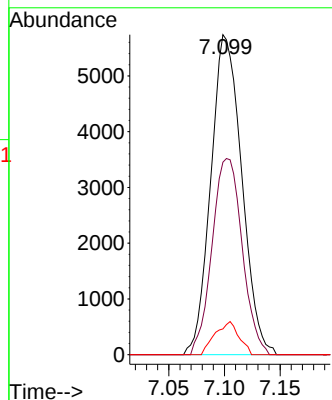
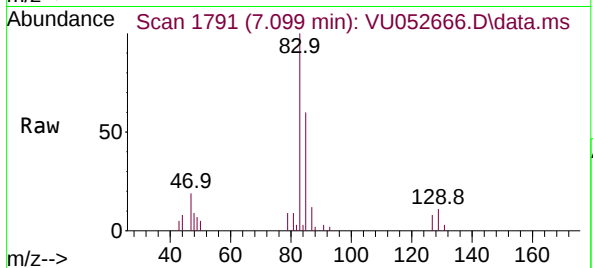




#47
Bromodichloromethane
Concen: 2.538 ug/l
RT: 7.099 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

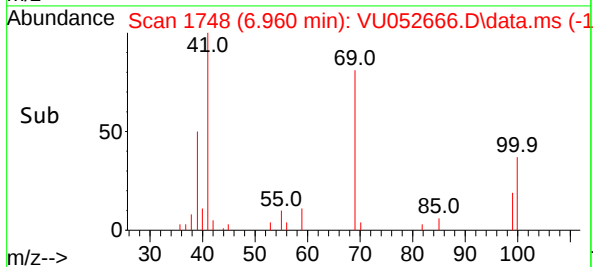
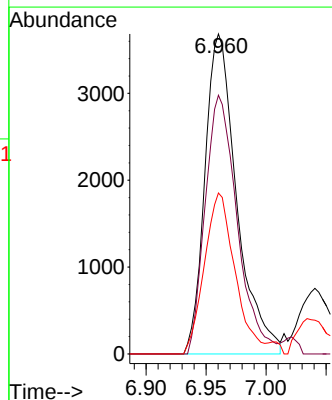
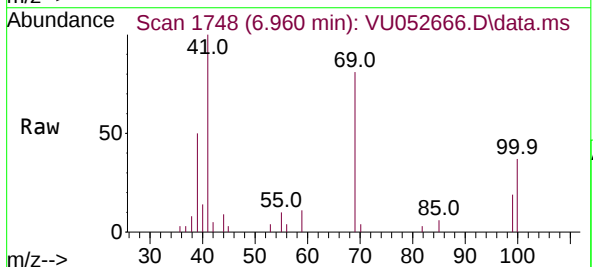
Instrument :
MSVOA_U
ClientSampleId :
MDL02

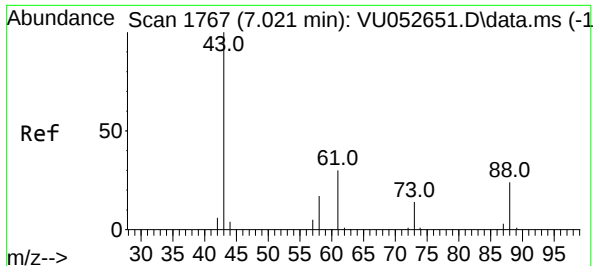
Tgt Ion: 83 Resp: 11078
Ion Ratio Lower Upper
83 100
85 60.1 51.4 77.2
127 8.1 7.1 10.7



#48
Methyl methacrylate
Concen: 2.125 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. 0.003 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

Tgt Ion: 41 Resp: 6806
Ion Ratio Lower Upper
41 100
69 81.1 79.8 119.6
39 48.1 47.9 71.9





#49

1,4-Dioxane

Concen: 51.713 ug/l

RT: 7.037 min Scan# 1

Delta R.T. 0.016 min

Lab File: VU052666.D

Acq: 12 Jan 2023 15:13

Instrument :

MSVOA_U

ClientSampleId :

MDL02

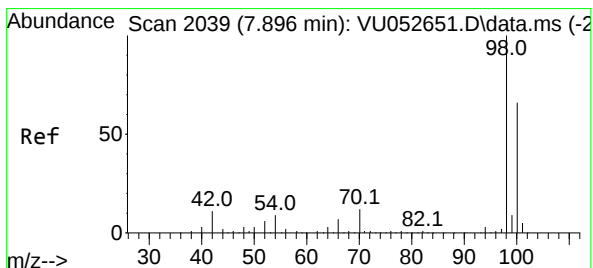
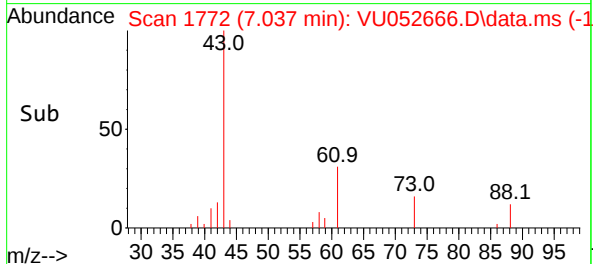
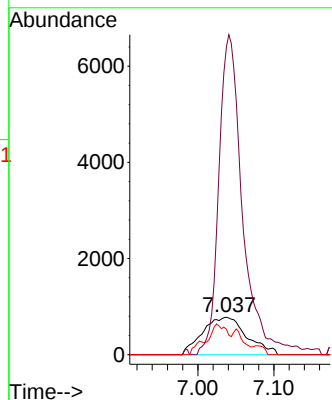
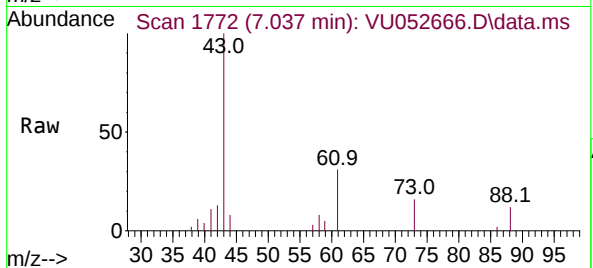
Tgt Ion: 88 Resp: 3145

Ion Ratio Lower Upper

88 100

43 459.8 0.0 0.0#

58 9.6 15.4 23.0#



#50

Toluene-d8

Concen: 47.747 ug/l

RT: 7.893 min Scan# 2038

Delta R.T. -0.003 min

Lab File: VU052666.D

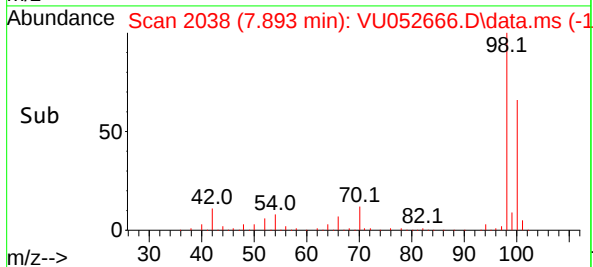
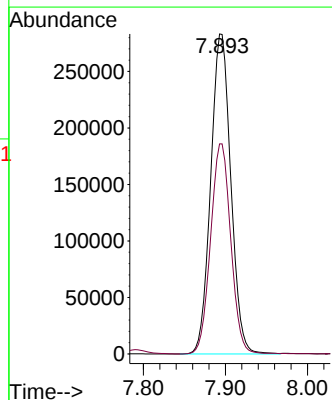
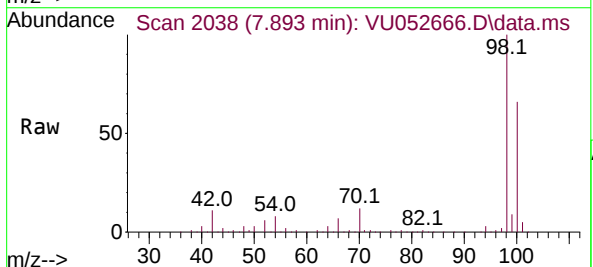
Acq: 12 Jan 2023 15:13

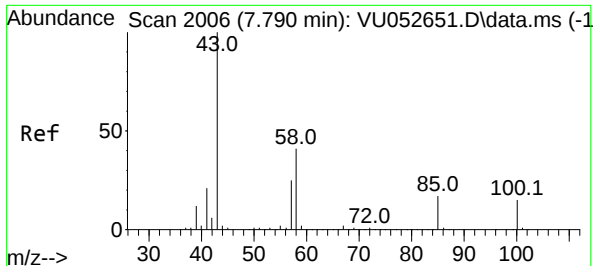
Tgt Ion: 98 Resp: 482782

Ion Ratio Lower Upper

98 100

100 66.0 51.7 77.5

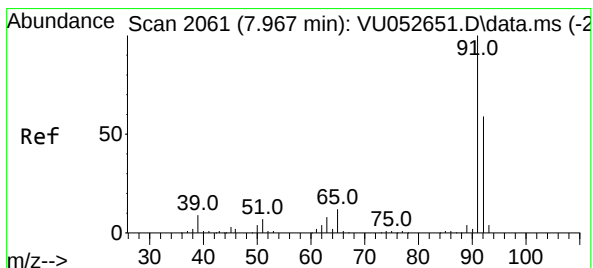
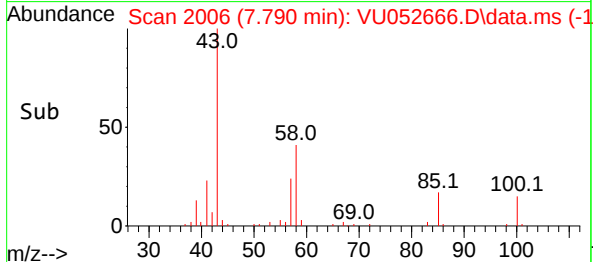
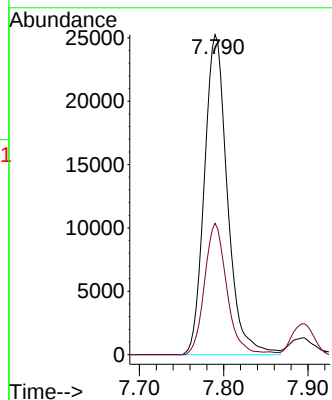
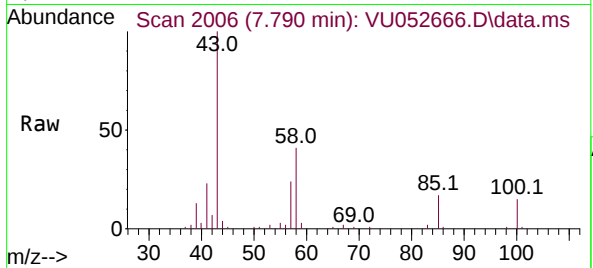




#51
4-Methyl-2-Pentanone
Concen: 10.677 ug/l
RT: 7.790 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

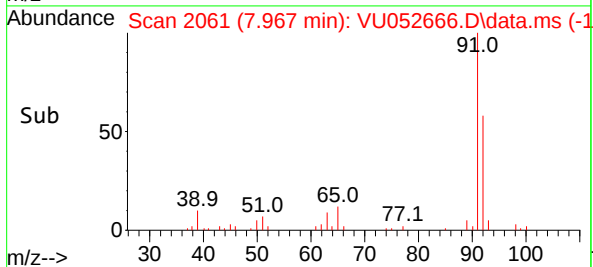
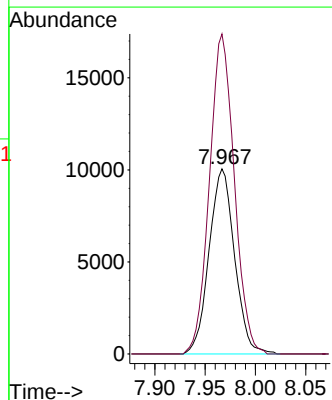
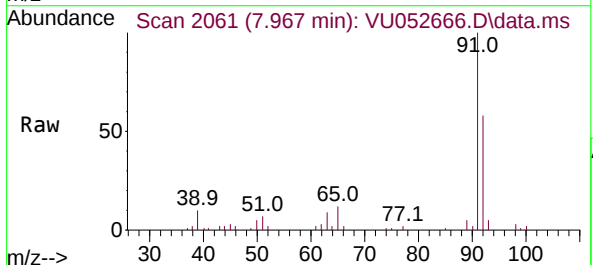
Instrument :
MSVOA_U
ClientSampleId :
MDL02

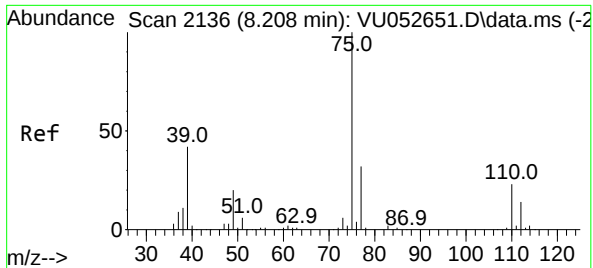
Tgt Ion: 43 Resp: 48094
Ion Ratio Lower Upper
43 100
58 39.5 34.7 52.1



#52
Toluene
Concen: 2.464 ug/l
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

Tgt Ion: 92 Resp: 17749
Ion Ratio Lower Upper
92 100
91 168.5 138.2 207.4

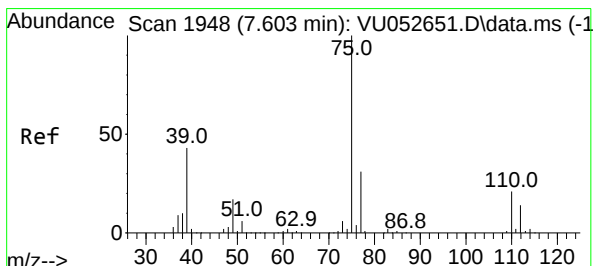
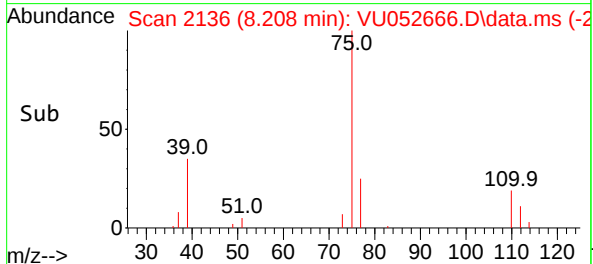
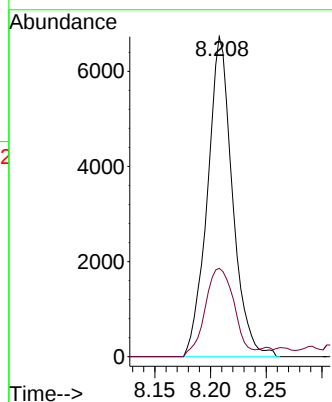
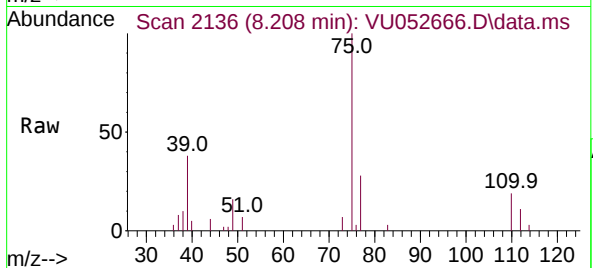




#53
 t-1,3-Dichloropropene
 Concen: 2.287 ug/l
 RT: 8.208 min Scan# 2136
 Delta R.T. -0.000 min
 Lab File: VU052666.D
 Acq: 12 Jan 2023 15:13

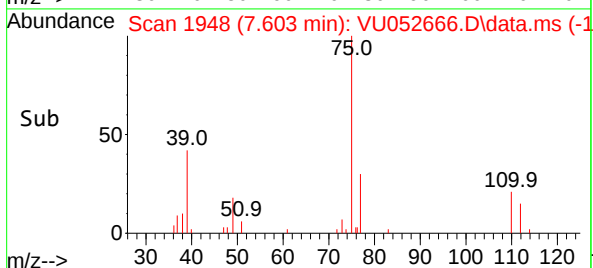
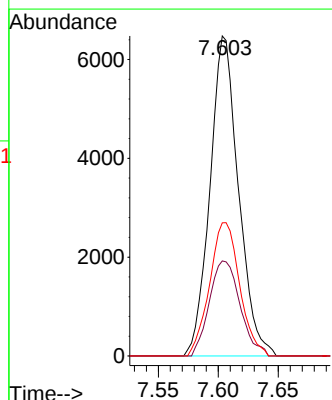
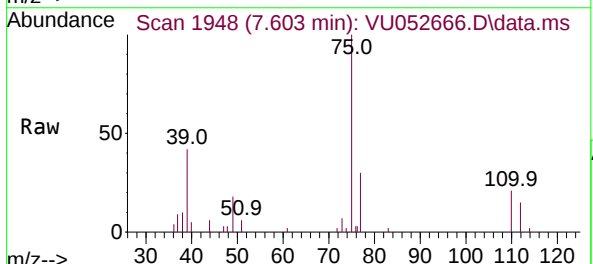
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02

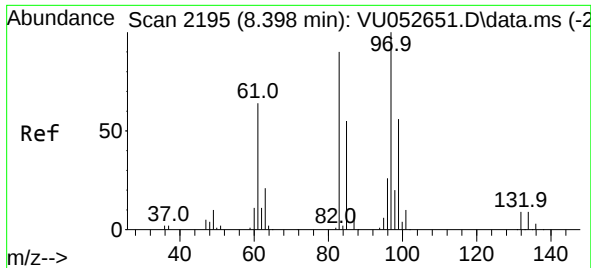
Tgt Ion: 75 Resp: 10537
 Ion Ratio Lower Upper
 75 100
 77 27.6 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 2.133 ug/l
 RT: 7.603 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: VU052666.D
 Acq: 12 Jan 2023 15:13

Tgt Ion: 75 Resp: 10701
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.7 38.5
 39 41.6 33.0 49.6

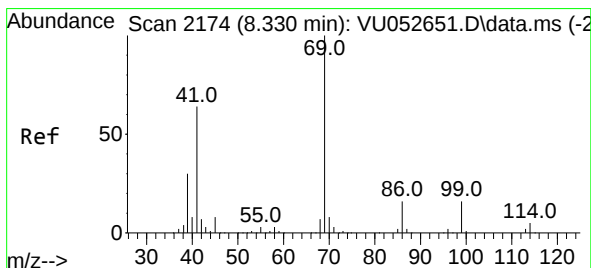
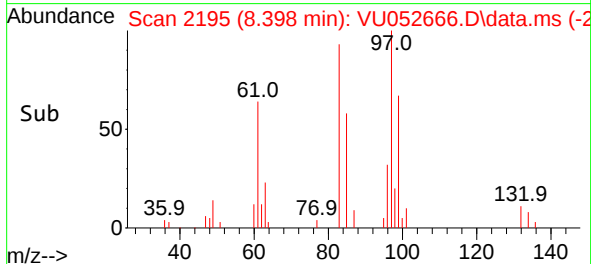
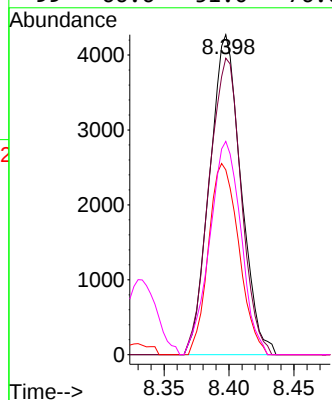
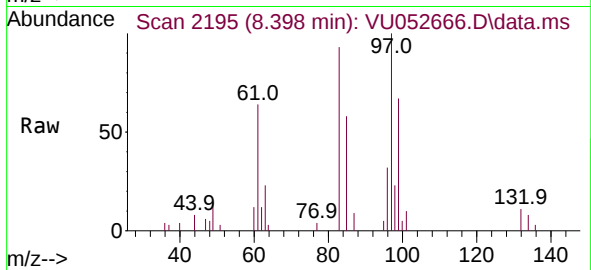




#55
 1,1,2-Trichloroethane
 Concen: 2.408 ug/l
 RT: 8.398 min Scan# 2195
 Delta R.T. -0.000 min
 Lab File: VU052666.D
 Acq: 12 Jan 2023 15:13

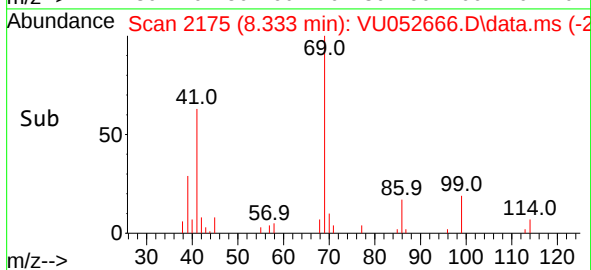
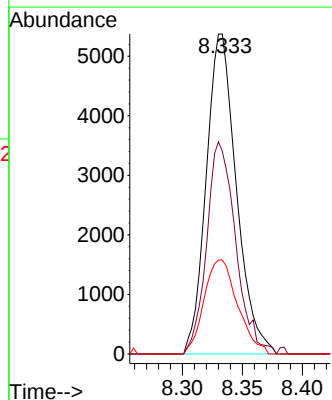
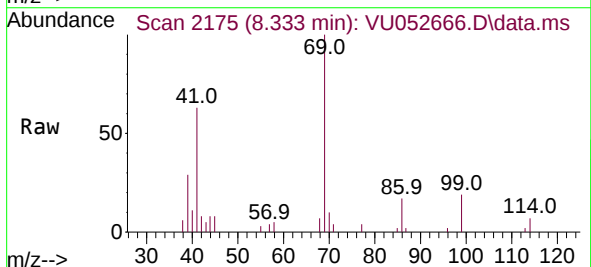
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02

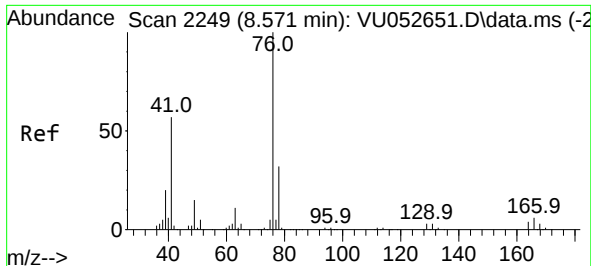
Tgt Ion: 97	Resp: 7156
Ion Ratio	Lower Upper
97 100	
83 92.6	70.2 105.4
85 57.7	44.6 66.8
99 66.6	51.0 76.6



#56
 Ethyl methacrylate
 Concen: 2.145 ug/l
 RT: 8.333 min Scan# 2175
 Delta R.T. 0.003 min
 Lab File: VU052666.D
 Acq: 12 Jan 2023 15:13

Tgt Ion: 69	Resp: 9402		
Ion Ratio	Lower	Upper	
69 100			
41 63.8	45.4	68.0	
39 32.7	25.7	38.5	





#57

1,3-Dichloropropane

Concen: 2.512 ug/l

RT: 8.571 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052666.D

Acq: 12 Jan 2023 15:13

Instrument :

MSVOA_U

ClientSampleId :

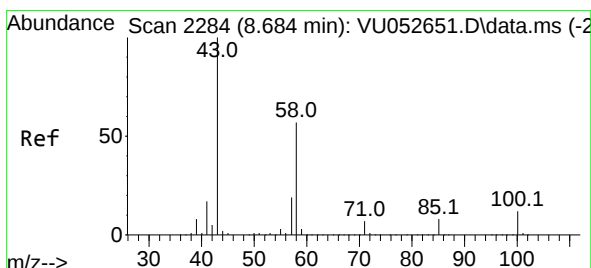
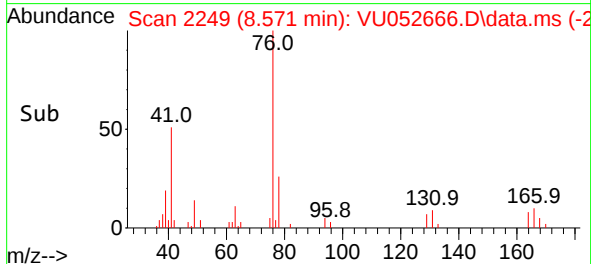
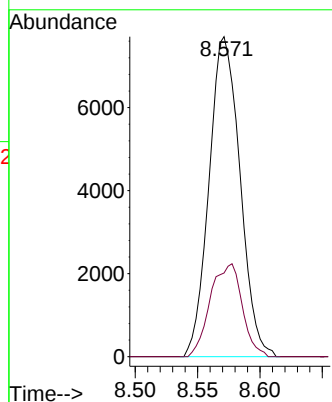
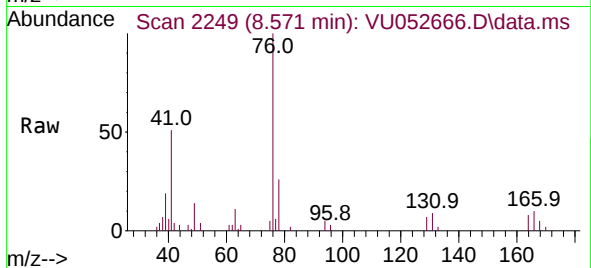
MDL02

Tgt Ion: 76 Resp: 13334

Ion Ratio Lower Upper

76 100

78 29.8 26.1 39.1



#59

2-Hexanone

Concen: 10.824 ug/l

RT: 8.684 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VU052666.D

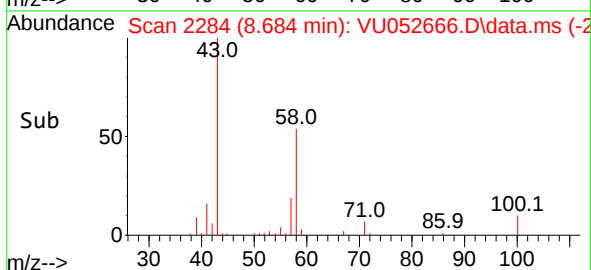
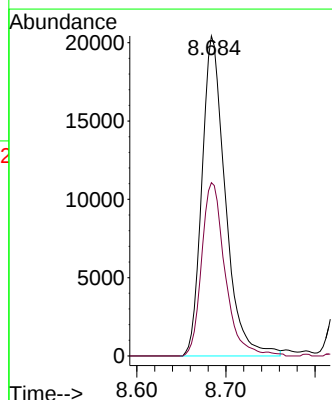
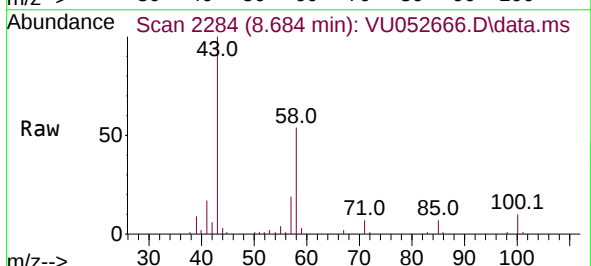
Acq: 12 Jan 2023 15:13

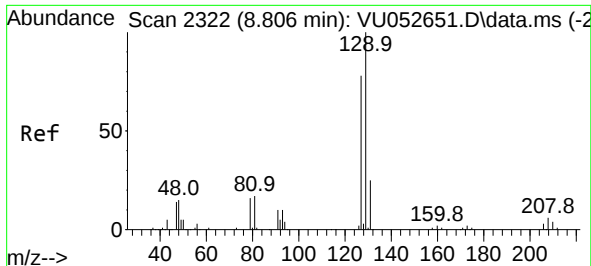
Tgt Ion: 43 Resp: 37264

Ion Ratio Lower Upper

43 100

58 53.6 30.3 90.8

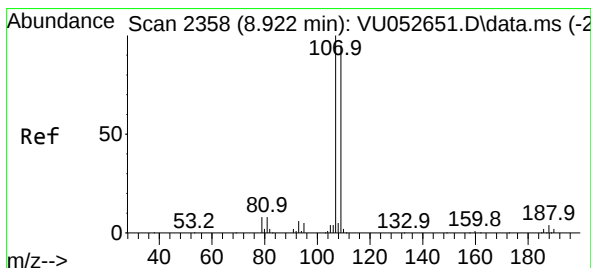
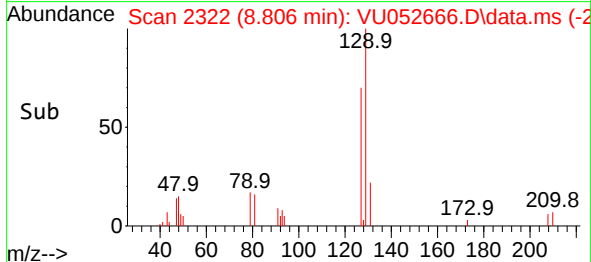
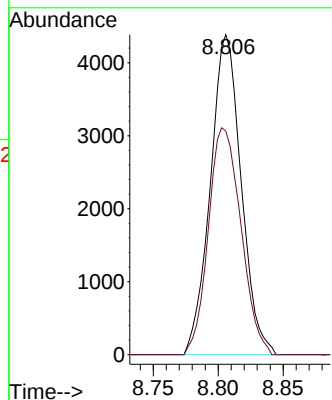
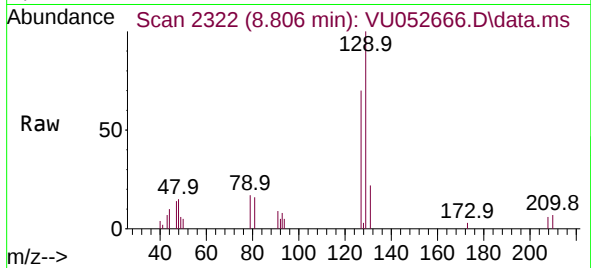




#60
Dibromochloromethane
Concen: 2.343 ug/l
RT: 8.806 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

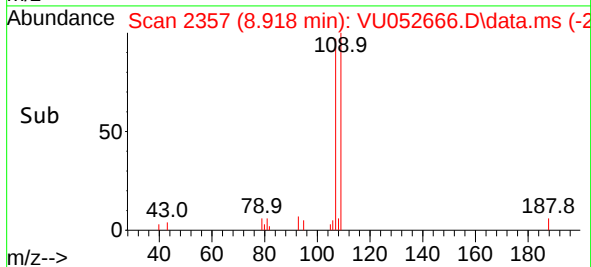
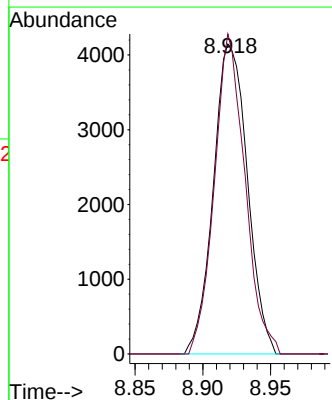
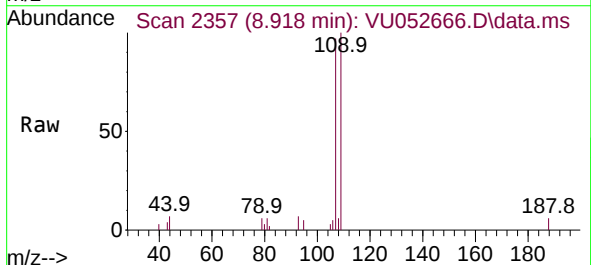
Instrument :
MSVOA_U
ClientSampleId :
MDL02

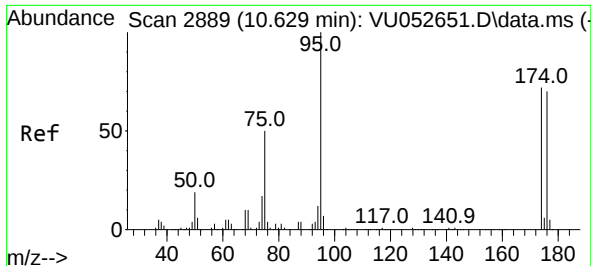
Tgt Ion:129 Resp: 7234
Ion Ratio Lower Upper
129 100
127 74.9 38.6 116.0



#61
1,2-Dibromoethane
Concen: 2.405 ug/l
RT: 8.918 min Scan# 2357
Delta R.T. -0.004 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

Tgt Ion:107 Resp: 7247
Ion Ratio Lower Upper
107 100
109 92.7 75.1 112.7

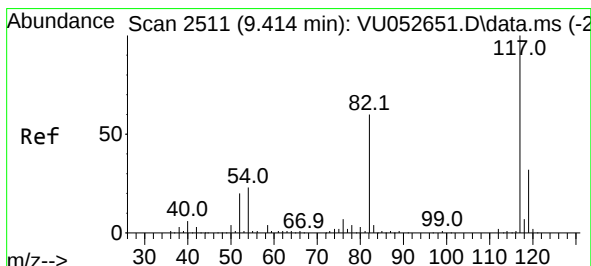
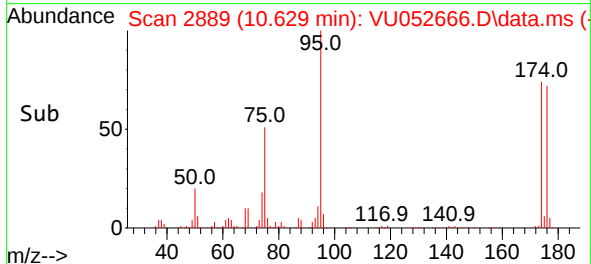
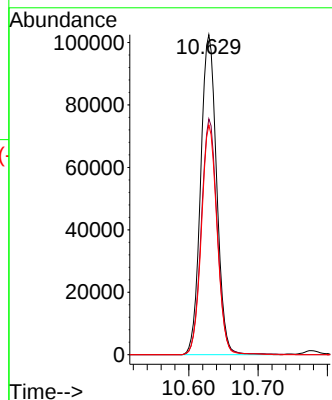
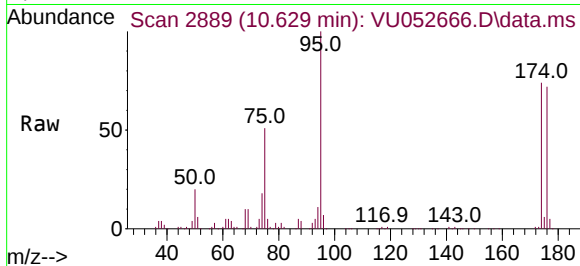




#62
4-Bromofluorobenzene
Concen: 44.747 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. -0.000 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

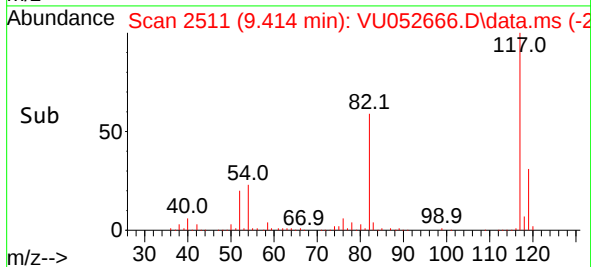
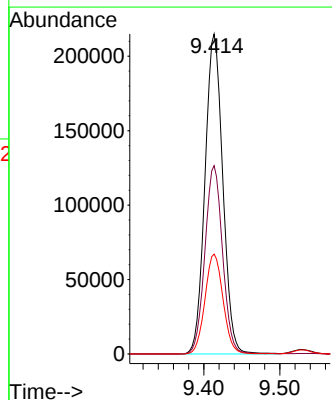
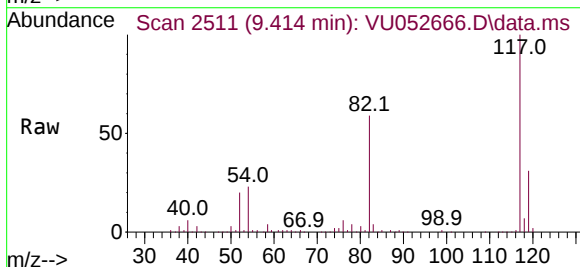
Instrument : MSVOA_U
ClientSampleId : MDL02

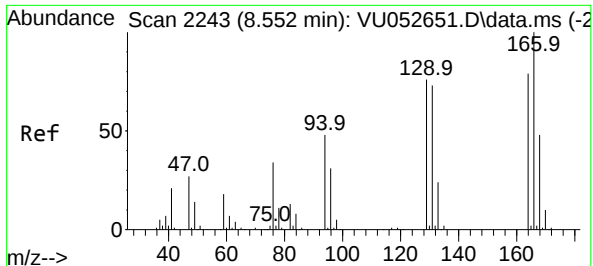
Tgt Ion: 95 Resp: 163973
Ion Ratio Lower Upper
95 100
174 73.4 0.0 182.0
176 70.3 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

Tgt Ion: 117 Resp: 349891
Ion Ratio Lower Upper
117 100
82 58.9 41.7 62.5
119 31.2 25.7 38.5

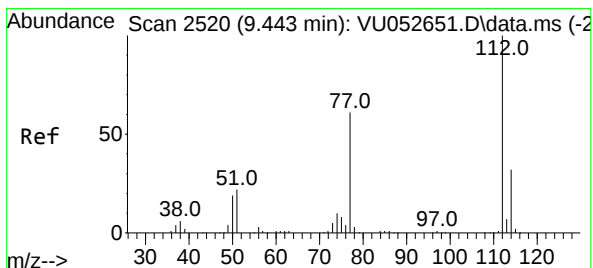
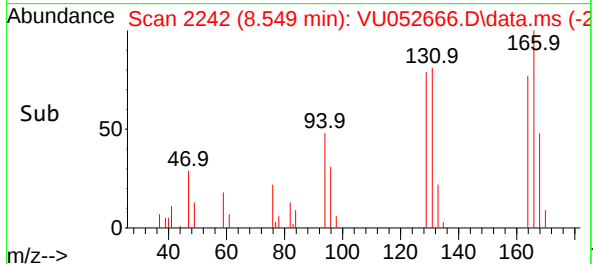
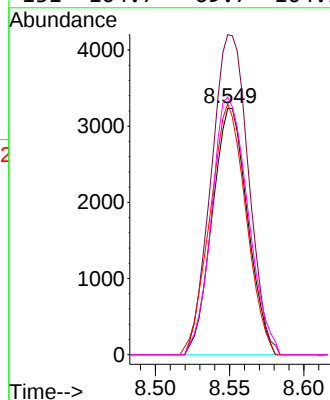
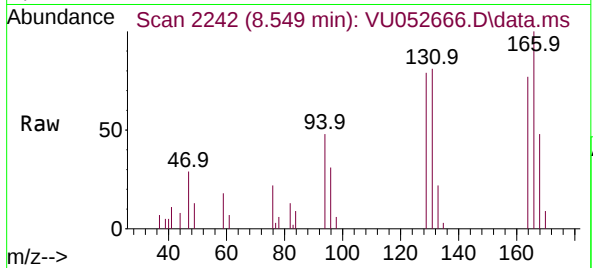




#64
Tetrachloroethene
Concen: 2.359 ug/l
RT: 8.549 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

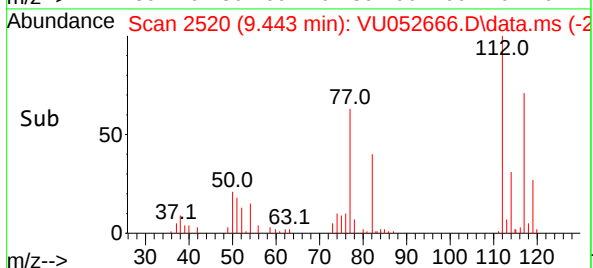
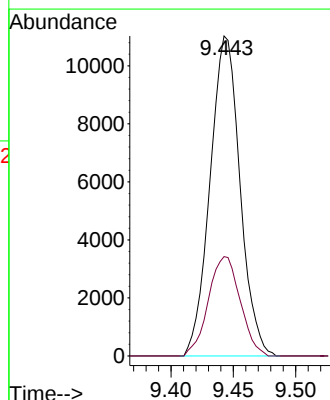
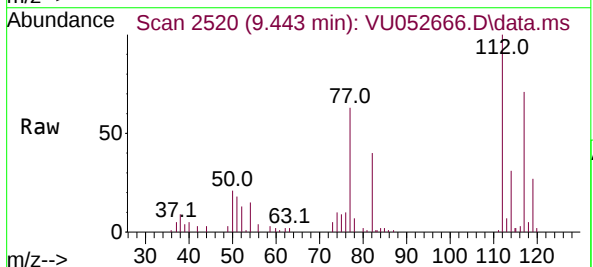
Instrument :
MSVOA_U
ClientSampleId :
MDL02

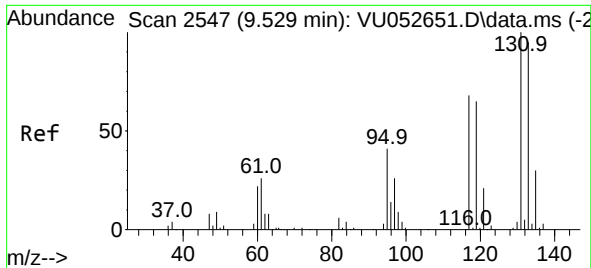
Tgt Ion:164 Resp: 5356
Ion Ratio Lower Upper
164 100
166 129.9 100.0 150.0
129 102.0 72.0 108.0
131 104.7 69.7 104.5#



#65
Chlorobenzene
Concen: 2.477 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

Tgt Ion:112 Resp: 18464
Ion Ratio Lower Upper
112 100
114 31.1 24.9 37.3

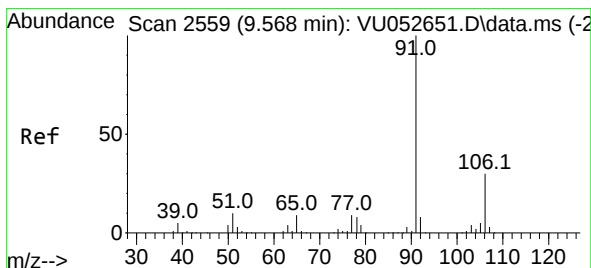
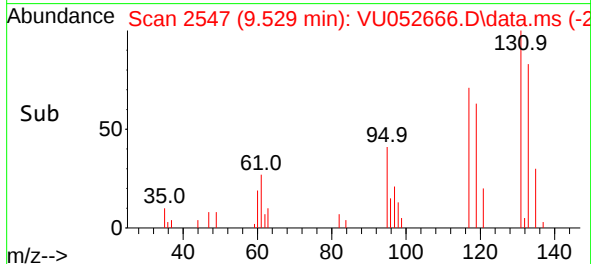
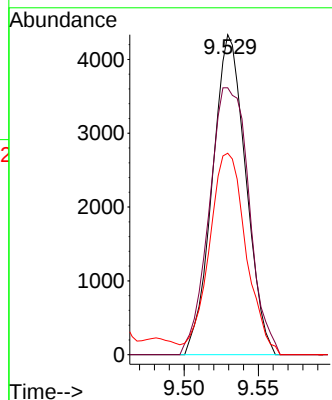
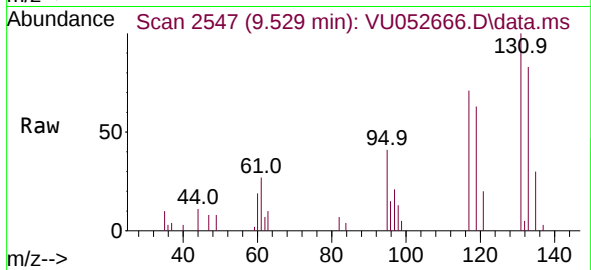




#66
 1,1,1,2-Tetrachloroethane
 Concen: 2.515 ug/l
 RT: 9.529 min Scan# 2547
 Delta R.T. 0.000 min
 Lab File: VU052666.D
 Acq: 12 Jan 2023 15:13

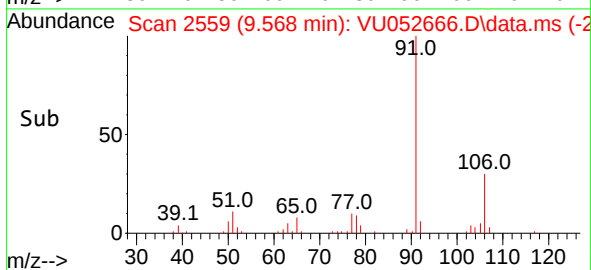
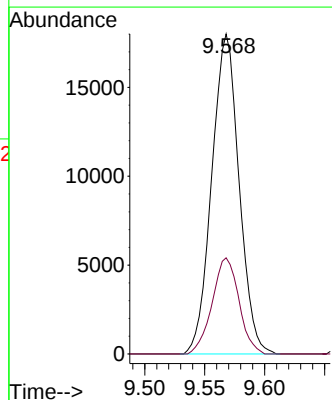
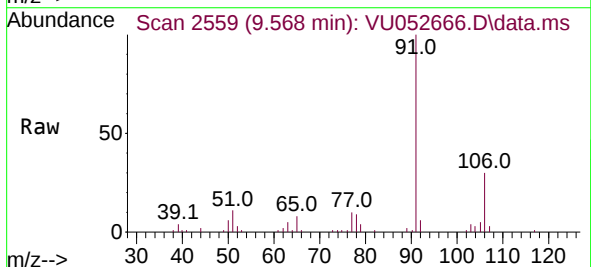
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02

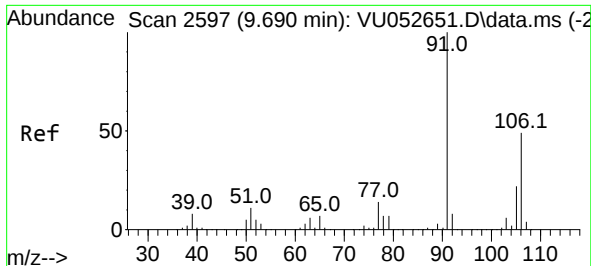
Tgt Ion:	131	Resp:	6775
Ion	Ratio	Lower	Upper
131	100		
133	99.5	48.4	145.0
119	69.4	33.9	101.6



#67
 Ethyl Benzene
 Concen: 2.202 ug/l
 RT: 9.568 min Scan# 2559
 Delta R.T. -0.000 min
 Lab File: VU052666.D
 Acq: 12 Jan 2023 15:13

Tgt Ion:	91	Resp:	28468
Ion	Ratio	Lower	Upper
91	100		
106	30.0	25.6	38.4

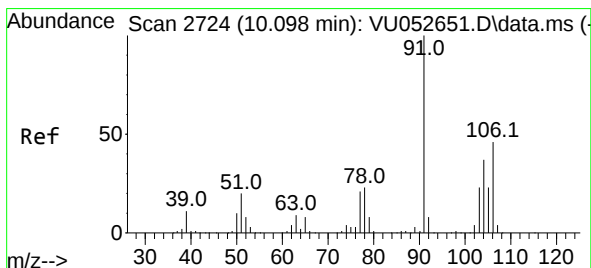
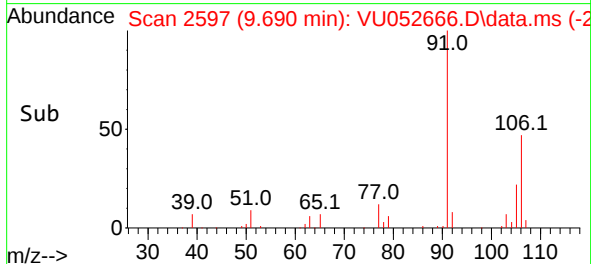
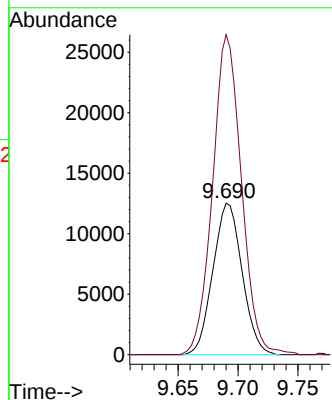
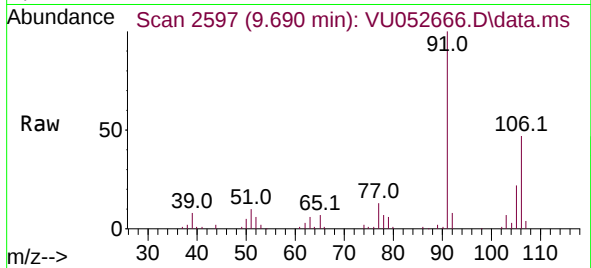




#68
m/p-Xylenes
Concen: 4.350 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

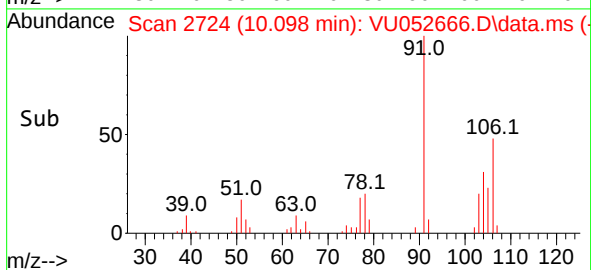
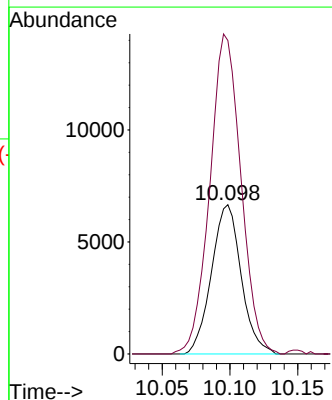
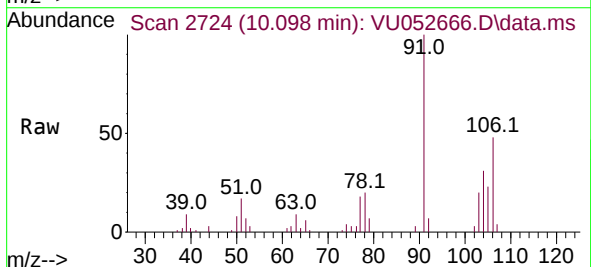
Instrument :
MSVOA_U
ClientSampleId :
MDL02

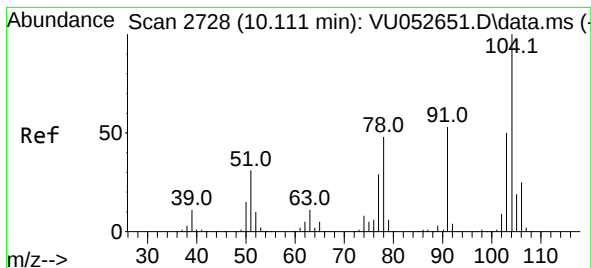
Tgt Ion:106 Resp: 21179
Ion Ratio Lower Upper
106 100
91 208.8 157.2 235.8



#69
o-Xylene
Concen: 2.192 ug/l
RT: 10.098 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

Tgt Ion:106 Resp: 10160
Ion Ratio Lower Upper
106 100
91 224.5 103.5 310.5





#70

Styrene

Concen: 1.966 ug/l

RT: 10.111 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052666.D

Acq: 12 Jan 2023 15:13

Instrument :

MSVOA_U

ClientSampleId :

MDL02

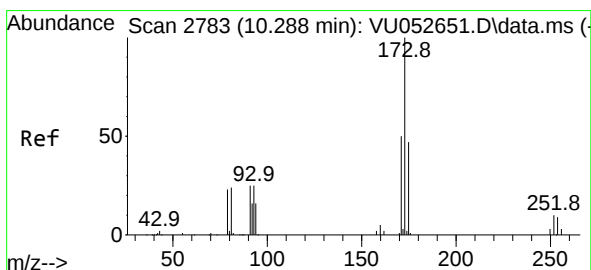
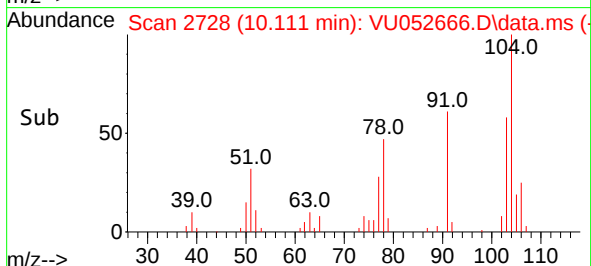
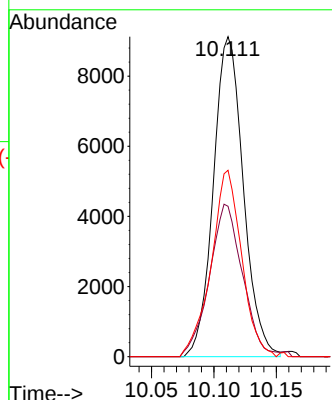
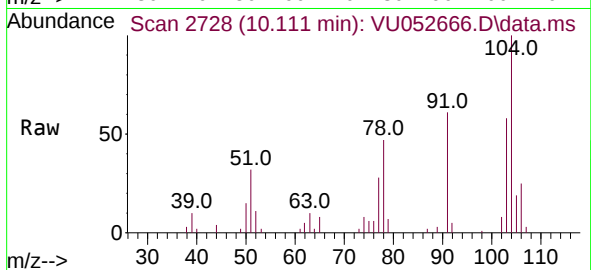
Tgt Ion:104 Resp: 15280

Ion Ratio Lower Upper

104 100

78 52.8 38.0 57.0

103 59.1 43.9 65.9



#71

Bromoform

Concen: 2.288 ug/l

RT: 10.285 min Scan# 2782

Delta R.T. -0.003 min

Lab File: VU052666.D

Acq: 12 Jan 2023 15:13

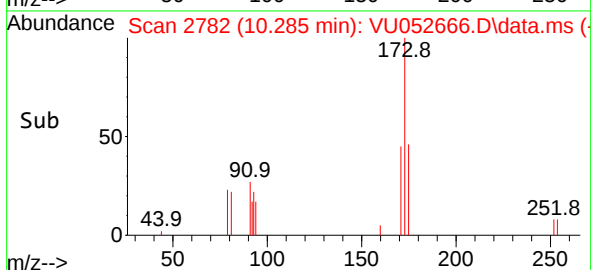
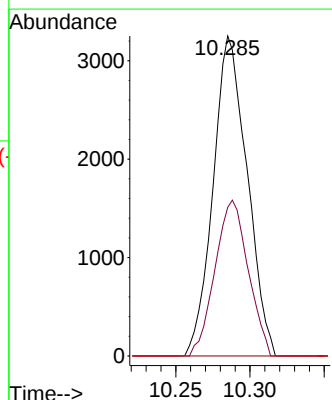
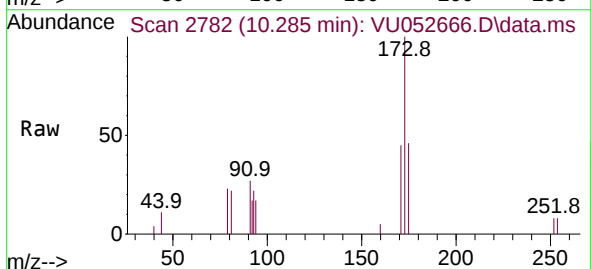
Tgt Ion:173 Resp: 5170

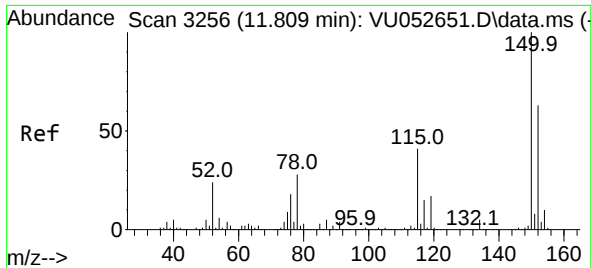
Ion Ratio Lower Upper

173 100

175 47.5 24.1 72.2

254 0.0 0.1 0.1#

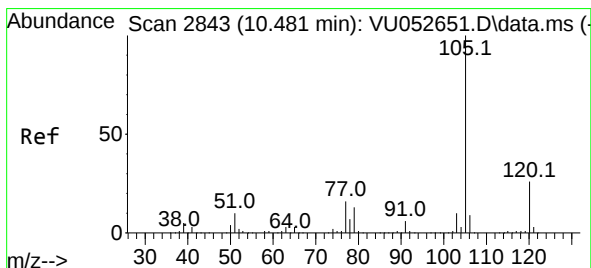
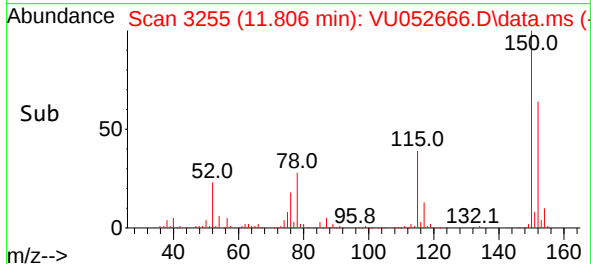
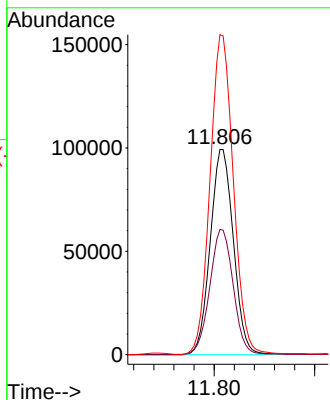
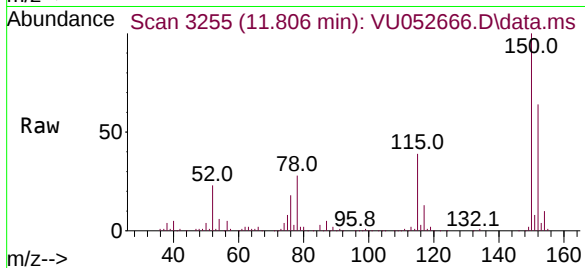




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.806 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

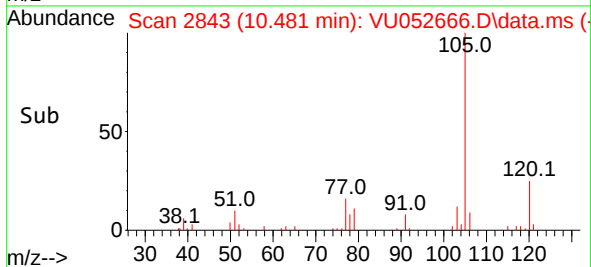
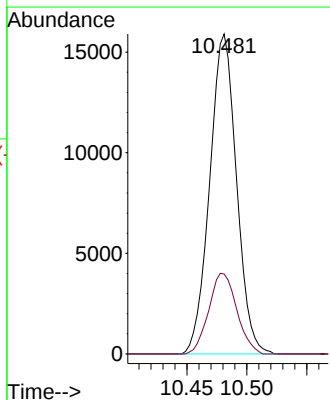
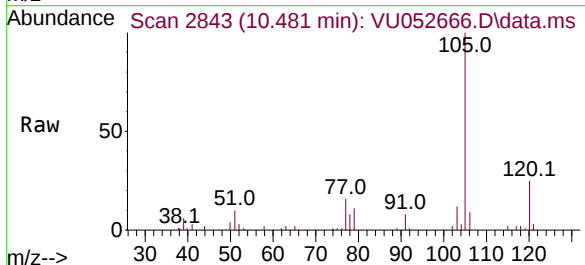
Instrument :
MSVOA_U
ClientSampleId :
MDL02

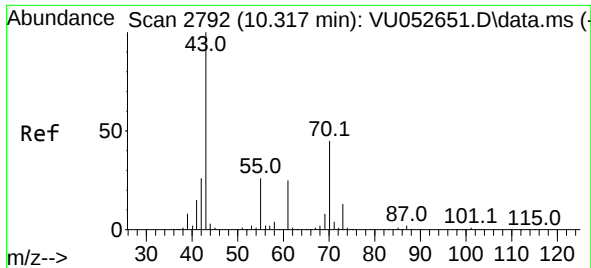
Tgt Ion:152 Resp: 158896
Ion Ratio Lower Upper
152 100
115 61.8 37.0 110.9
150 156.4 0.0 342.2



#73
Isopropylbenzene
Concen: 2.271 ug/l
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

Tgt Ion:105 Resp: 24697
Ion Ratio Lower Upper
105 100
120 26.3 13.8 41.4

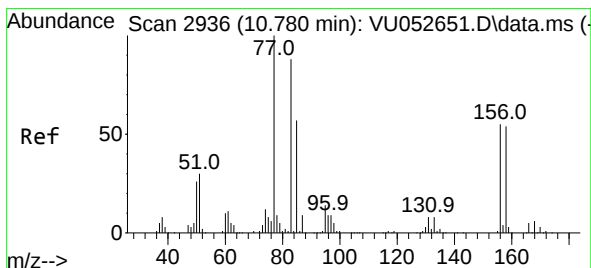
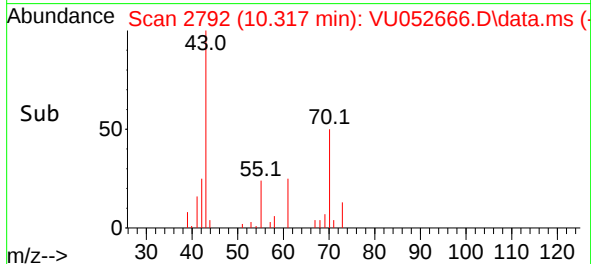
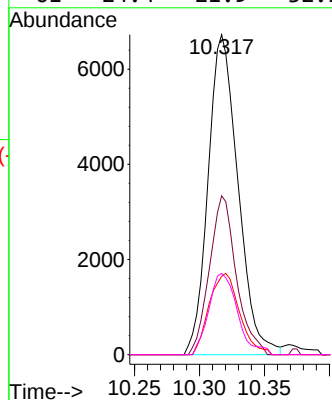
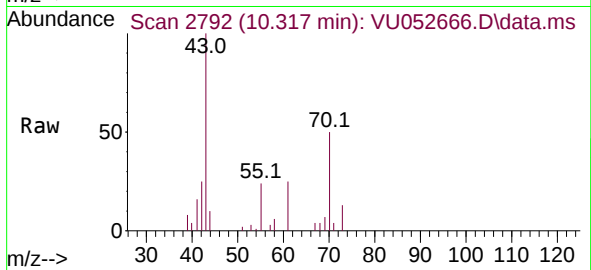




#74
N-amy1 acetate
Concen: 2.164 ug/l
RT: 10.317 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

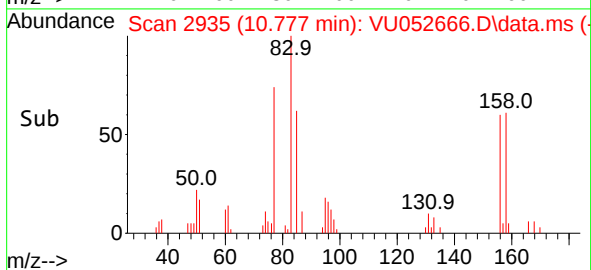
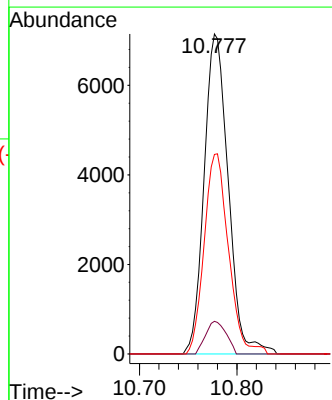
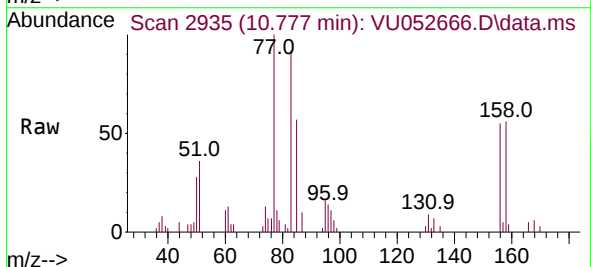
Instrument :
MSVOA_U
ClientSampleId :
MDL02

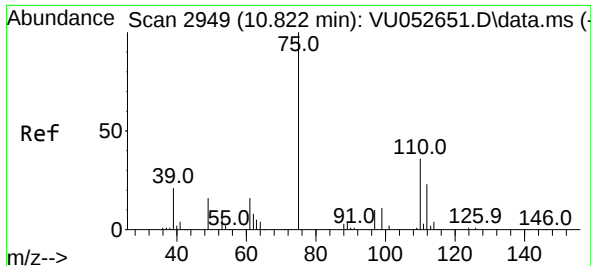
Tgt Ion: 43	Resp: 10754
Ion Ratio	Lower Upper
43 100	
70 44.5	38.7 58.1
55 25.7	21.8 32.8
61 24.4	21.9 32.9



#75
1,1,2,2-Tetrachloroethane
Concen: 2.681 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.003 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

Tgt Ion: 83	Resp: 12301
Ion Ratio	Lower Upper
83 100	
131 8.6	5.1 15.4
85 63.0	32.2 96.6

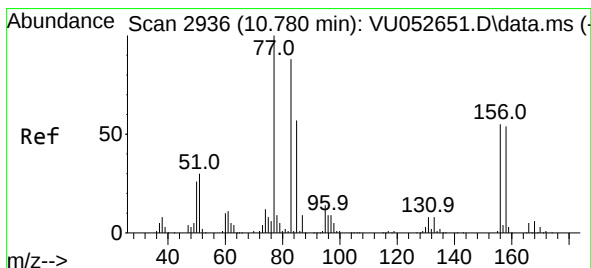
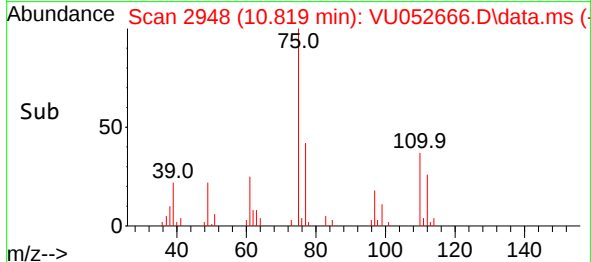
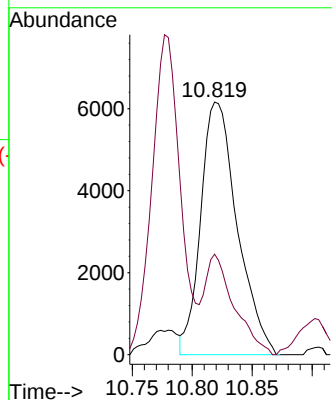
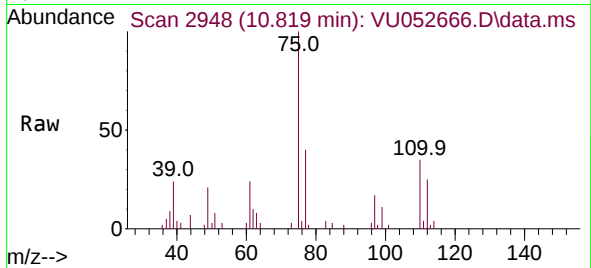




#76
1,2,3-Trichloropropane
Concen: 2.596 ug/l
RT: 10.819 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

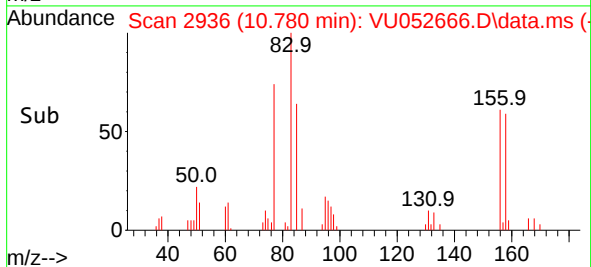
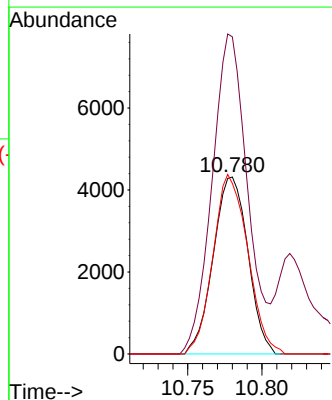
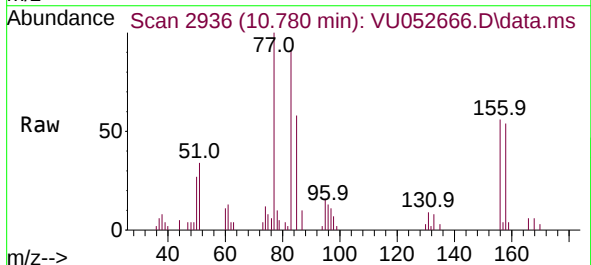
Instrument :
MSVOA_U
ClientSampleId :
MDL02

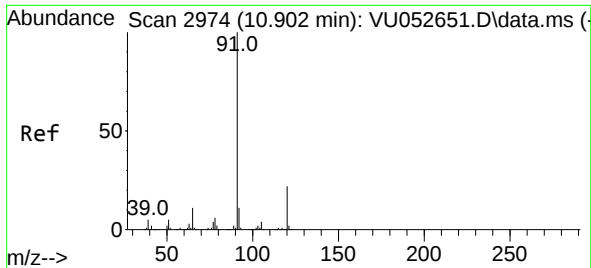
Tgt Ion: 75 Resp: 13064
Ion Ratio Lower Upper
75 100
77 31.6 15.8 47.3



#77
Bromobenzene
Concen: 2.588 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

Tgt Ion: 156 Resp: 7003
Ion Ratio Lower Upper
156 100
77 185.1 71.9 215.6
158 101.9 48.9 146.8

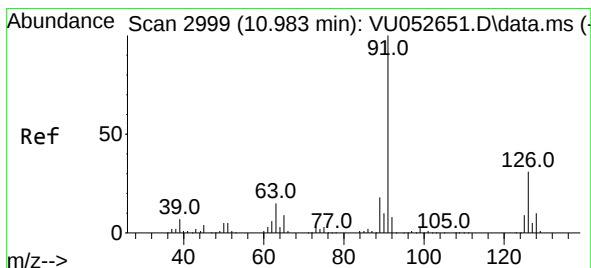
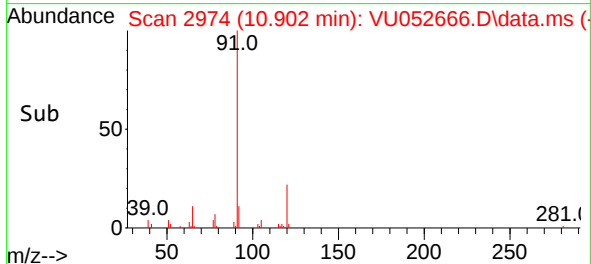
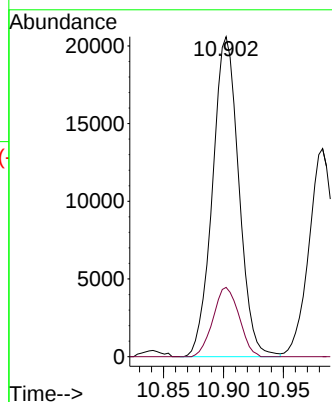
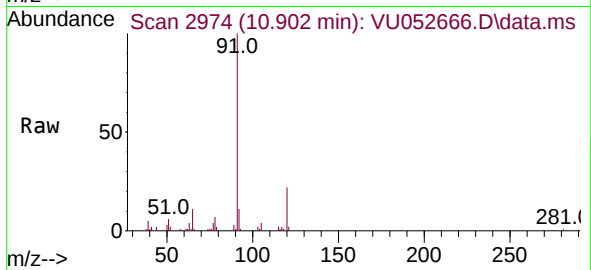




#78
n-propylbenzene
Concen: 2.373 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. 0.000 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

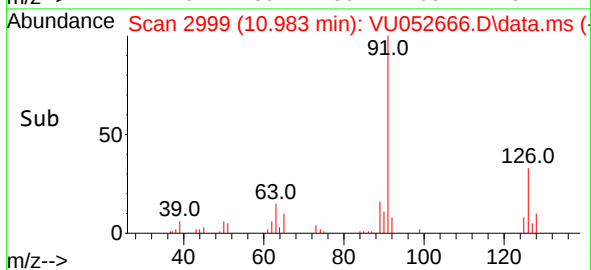
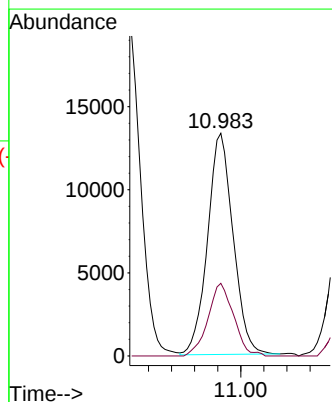
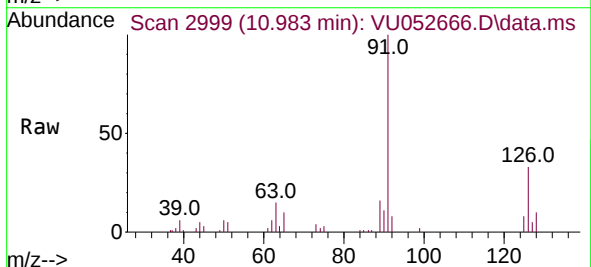
Instrument :
MSVOA_U
ClientSampleId :
MDL02

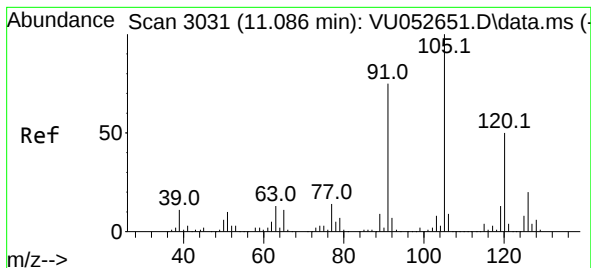
Tgt Ion: 91 Resp: 31397
Ion Ratio Lower Upper
91 100
120 21.4 11.9 35.5



#79
2-Chlorotoluene
Concen: 2.528 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.000 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

Tgt Ion: 91 Resp: 20458
Ion Ratio Lower Upper
91 100
126 32.9 18.4 55.0





#80

1,3,5-Trimethylbenzene

Concen: 2.332 ug/l

RT: 11.082 min Scan# 3031

Delta R.T. -0.004 min

Lab File: VU052666.D

Acq: 12 Jan 2023 15:13

Instrument :

MSVOA_U

ClientSampleId :

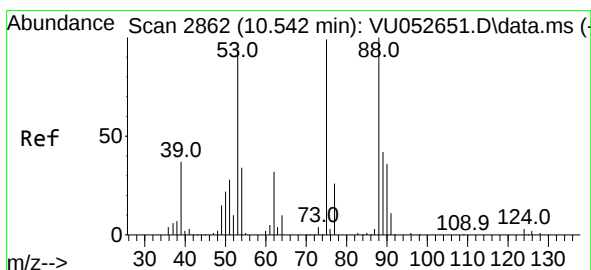
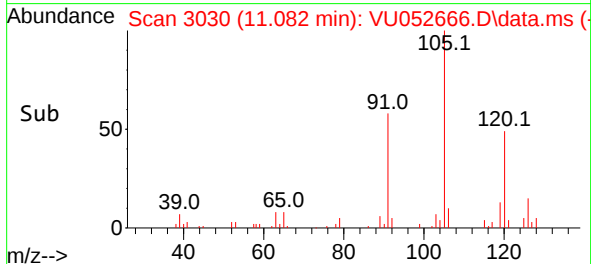
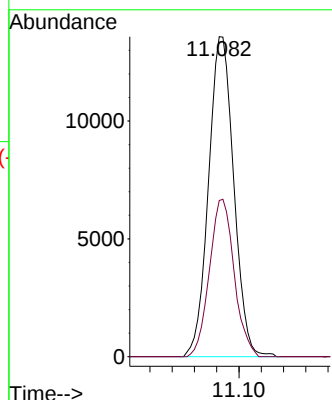
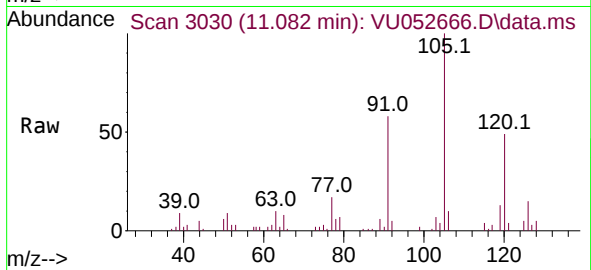
MDL02

Tgt Ion:105 Resp: 21350

Ion Ratio Lower Upper

105 100

120 48.2 25.3 75.9



#81

trans-1,4-Dichloro-2-butene

Concen: 2.110 ug/l

RT: 10.542 min Scan# 2862

Delta R.T. 0.000 min

Lab File: VU052666.D

Acq: 12 Jan 2023 15:13

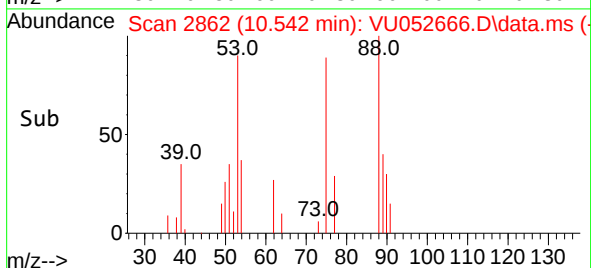
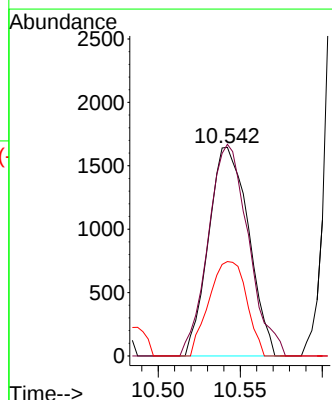
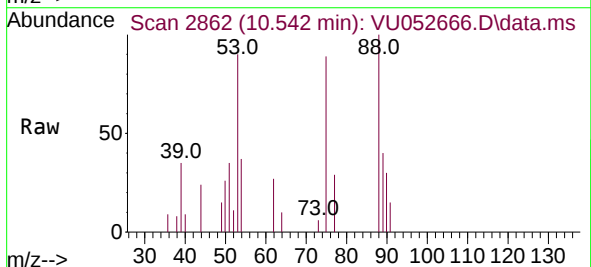
Tgt Ion: 75 Resp: 2781

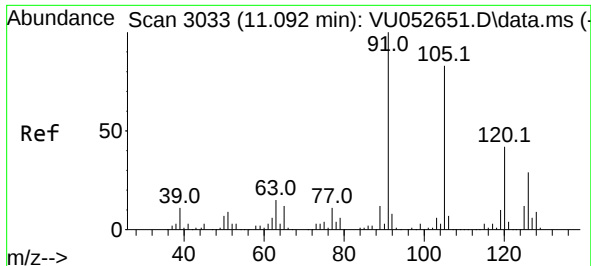
Ion Ratio Lower Upper

75 100

53 102.0 69.2 103.8

89 42.5 37.0 55.6

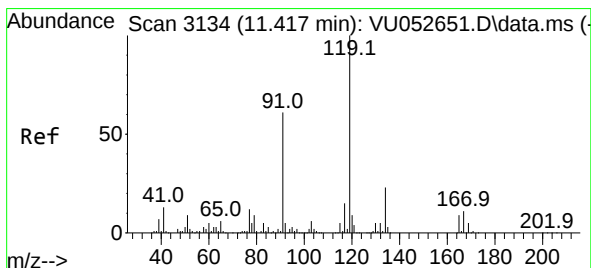
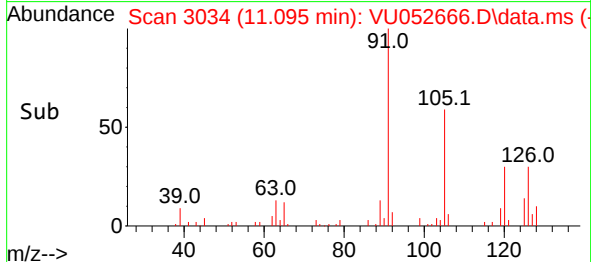
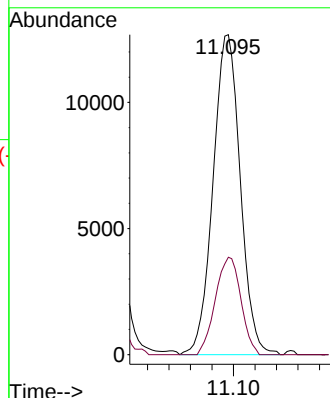
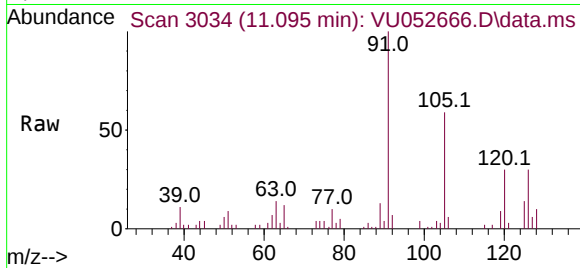




#82
4-Chlorotoluene
Concen: 2.414 ug/l
RT: 11.095 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

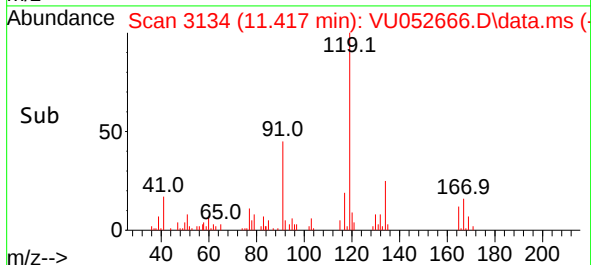
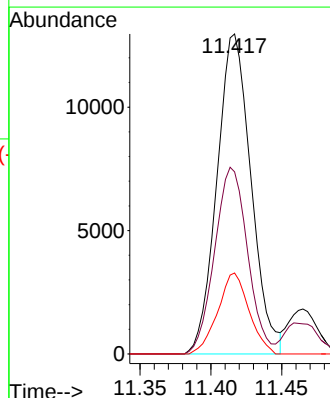
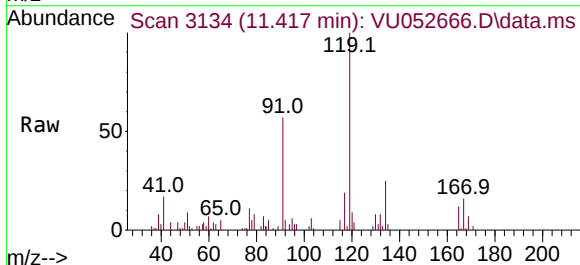
Instrument :
MSVOA_U
ClientSampleId :
MDL02

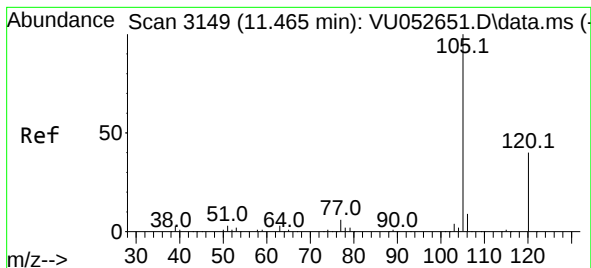
Tgt Ion: 91 Resp: 22275
Ion Ratio Lower Upper
91 100
126 28.5 16.1 48.2



#83
tert-Butylbenzene
Concen: 2.382 ug/l
RT: 11.417 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

Tgt Ion: 119 Resp: 21730
Ion Ratio Lower Upper
119 100
91 56.5 26.8 80.3
134 23.2 11.5 34.5





#84

1,2,4-Trimethylbenzene

Concen: 2.162 ug/l

RT: 11.465 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VU052666.D

Acq: 12 Jan 2023 15:13

Instrument :

MSVOA_U

ClientSampleId :

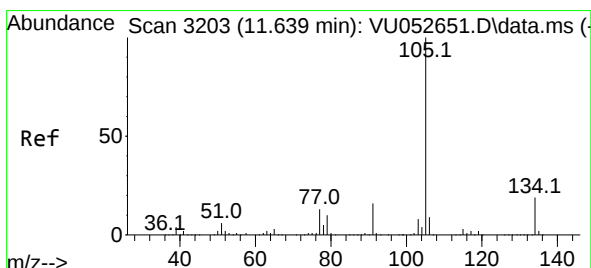
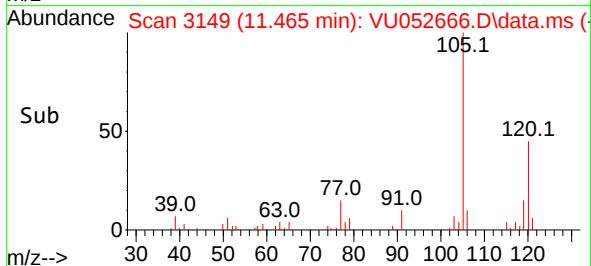
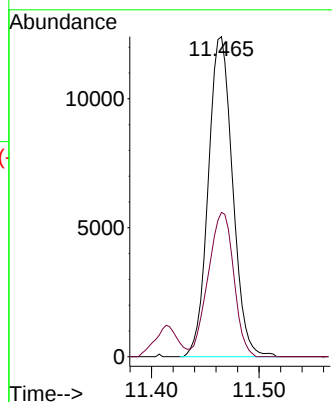
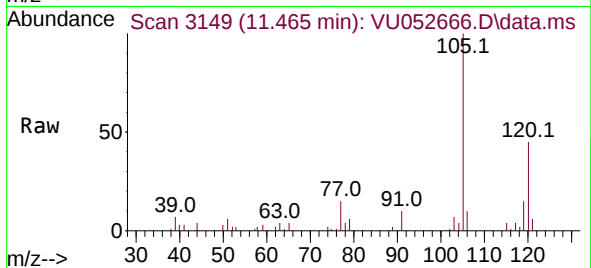
MDL02

Tgt Ion:105 Resp: 19514

Ion Ratio Lower Upper

105 100

120 47.5 23.4 70.3



#85

sec-Butylbenzene

Concen: 2.188 ug/l

RT: 11.639 min Scan# 3203

Delta R.T. -0.000 min

Lab File: VU052666.D

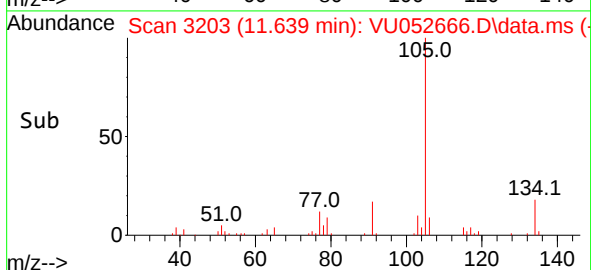
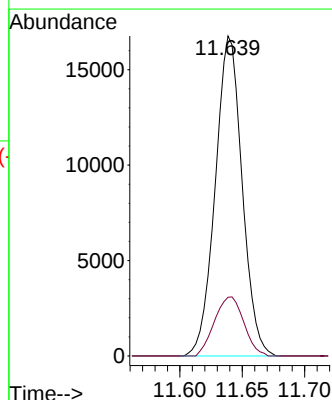
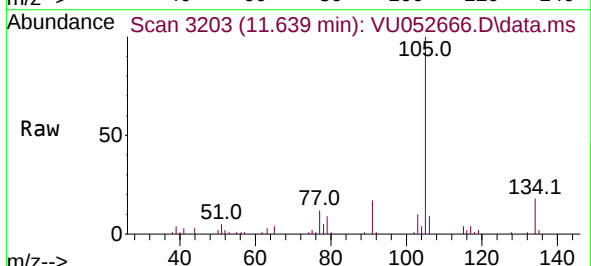
Acq: 12 Jan 2023 15:13

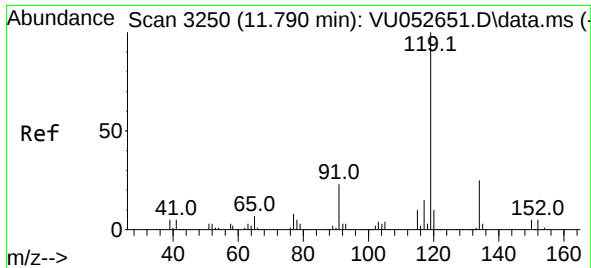
Tgt Ion:105 Resp: 25171

Ion Ratio Lower Upper

105 100

134 20.1 10.4 31.1

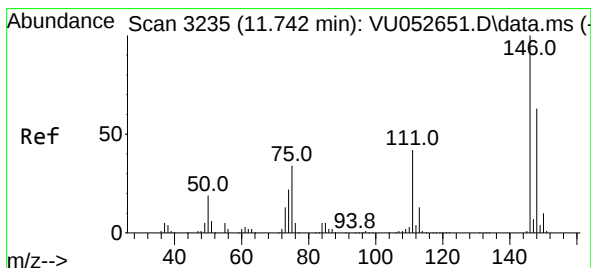
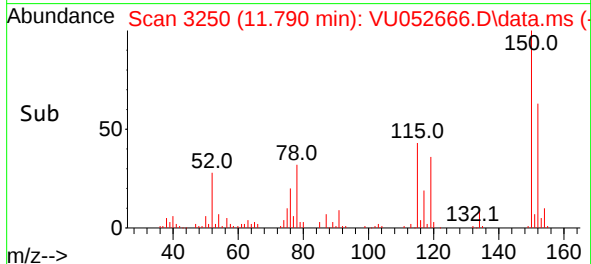
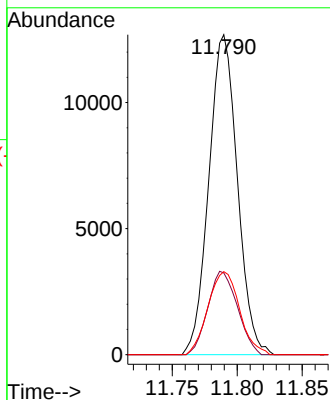
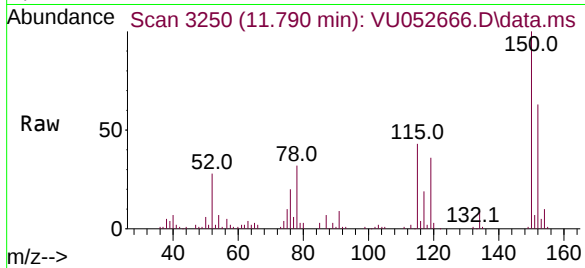




#86
 p-Isopropyltoluene
 Concen: 2.055 ug/l
 RT: 11.790 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU052666.D
 Acq: 12 Jan 2023 15:13

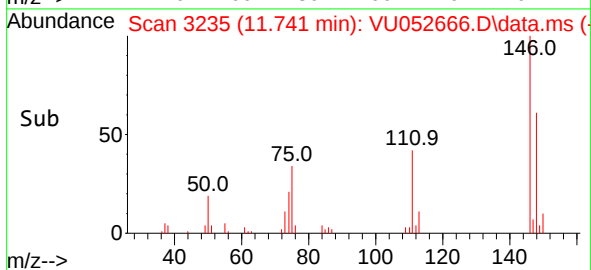
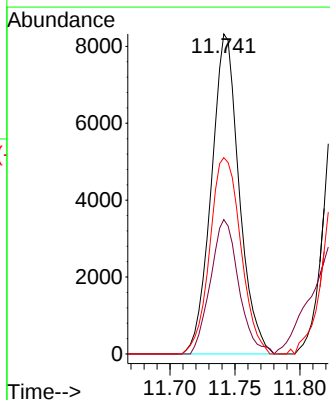
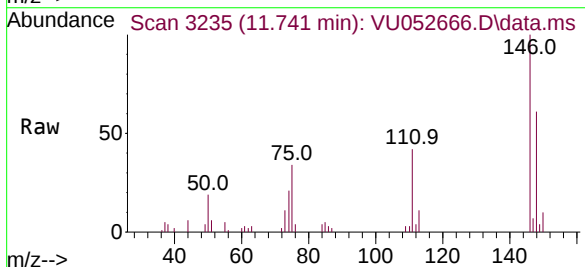
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02

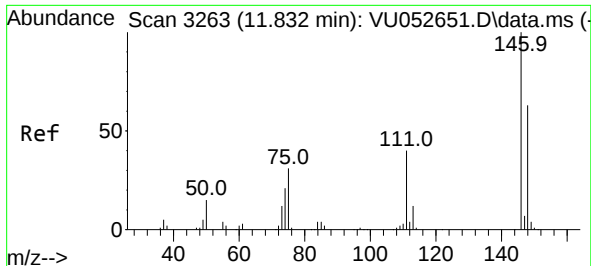
Tgt Ion:	119	Resp:	19371
Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.5	40.4
91	28.7	11.2	33.5



#87
 1,3-Dichlorobenzene
 Concen: 2.372 ug/l
 RT: 11.741 min Scan# 3235
 Delta R.T. -0.001 min
 Lab File: VU052666.D
 Acq: 12 Jan 2023 15:13

Tgt Ion:	146	Resp:	12380
Ion	Ratio	Lower	Upper
146	100		
111	42.6	18.9	56.5
148	68.2	31.9	95.9

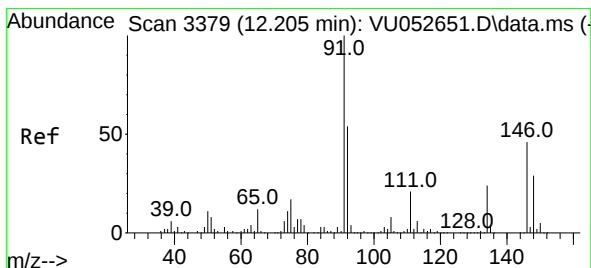
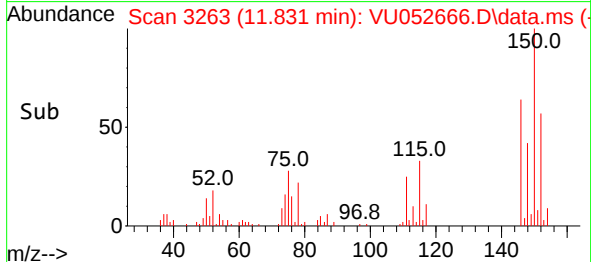
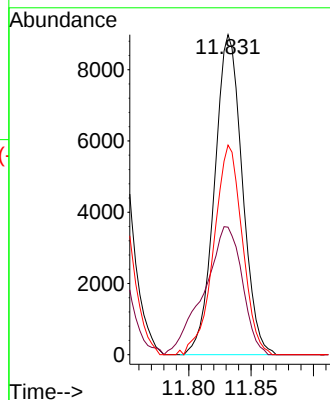
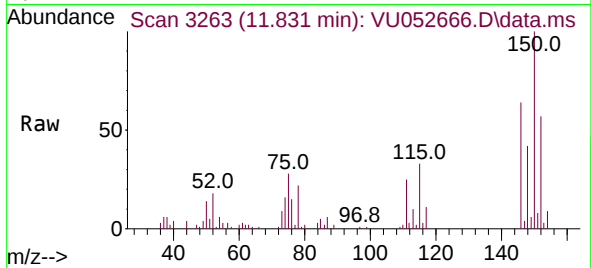




#88
1,4-Dichlorobenzene
Concen: 2.599 ug/l
RT: 11.831 min Scan# 31
Delta R.T. -0.001 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

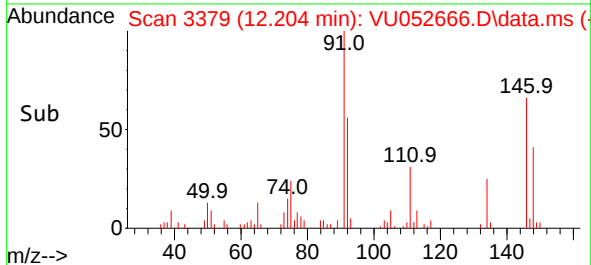
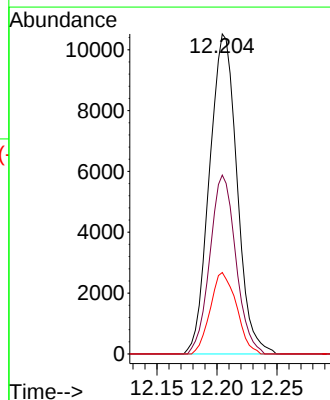
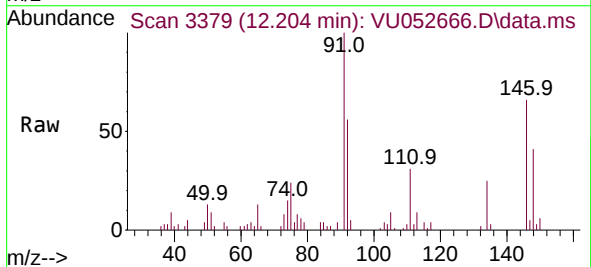
Instrument :
MSVOA_U
ClientSampleId :
MDL02

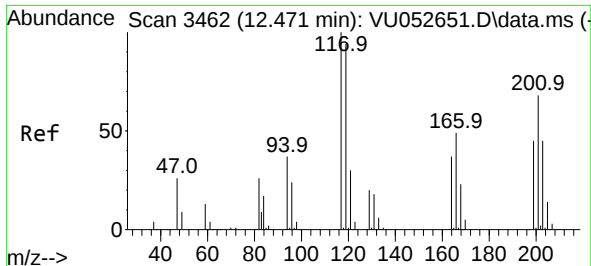
Tgt Ion:146 Resp: 13917
Ion Ratio Lower Upper
146 100
111 54.9 18.5 55.5
148 67.5 31.9 95.7



#89
n-Butylbenzene
Concen: 1.955 ug/l
RT: 12.204 min Scan# 3379
Delta R.T. -0.001 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

Tgt Ion: 91 Resp: 16771
Ion Ratio Lower Upper
91 100
92 52.6 26.2 78.6
134 24.2 13.5 40.4

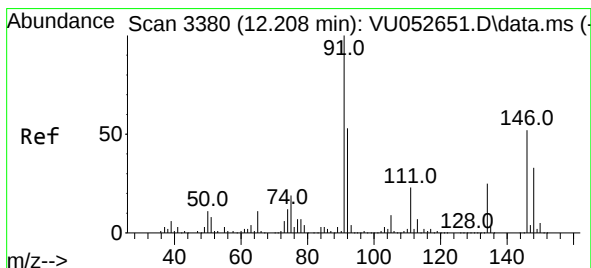
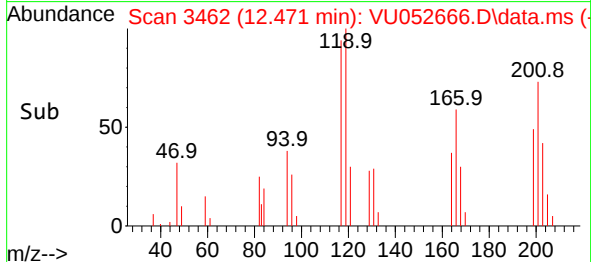
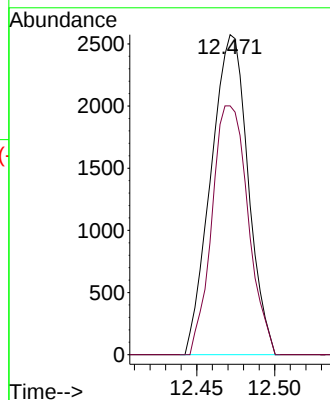
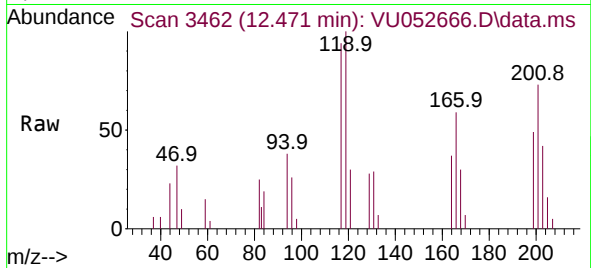




#90
Hexachloroethane
Concen: 2.308 ug/l
RT: 12.471 min Scan# 3462
Delta R.T. 0.000 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

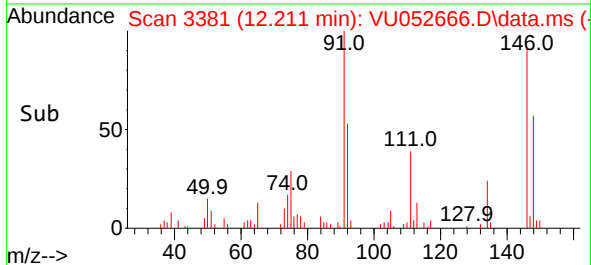
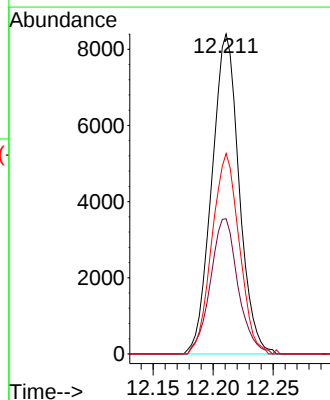
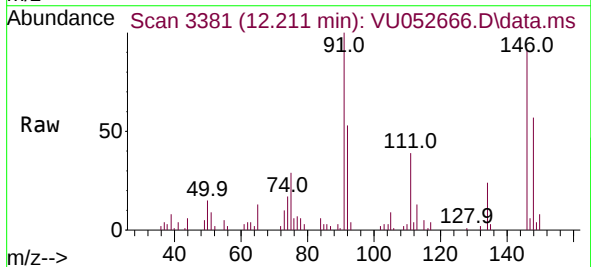
Instrument :
MSVOA_U
ClientSampleId :
MDL02

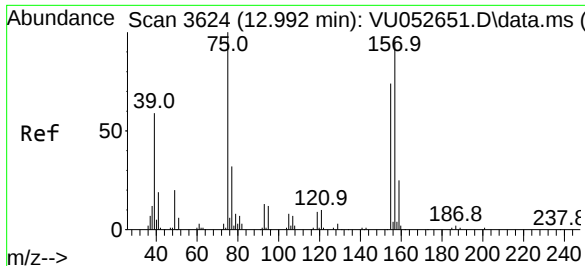
Tgt Ion:117 Resp: 4266
Ion Ratio Lower Upper
117 100
201 75.7 44.6 134.0



#91
1,2-Dichlorobenzene
Concen: 2.560 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

Tgt Ion:146 Resp: 13272
Ion Ratio Lower Upper
146 100
111 42.7 19.9 59.6
148 62.8 32.1 96.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.527 ug/l

RT: 12.989 min Scan# 30

Delta R.T. -0.003 min

Lab File: VU052666.D

Acq: 12 Jan 2023 15:13

Instrument :

MSVOA_U

ClientSampleId :

MDL02

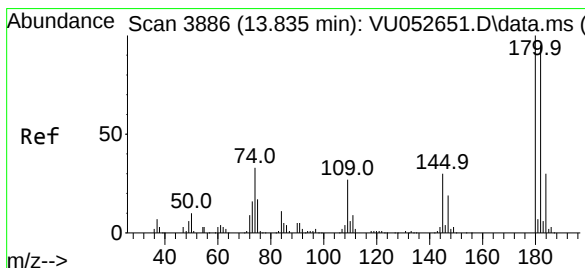
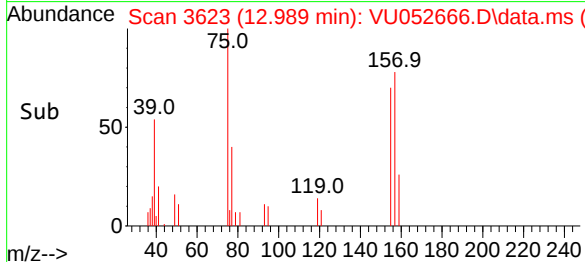
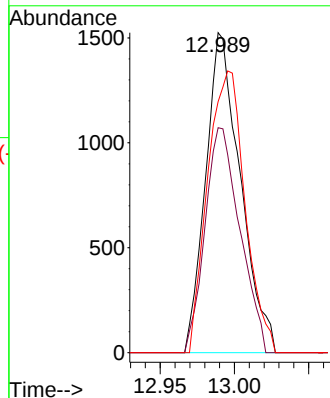
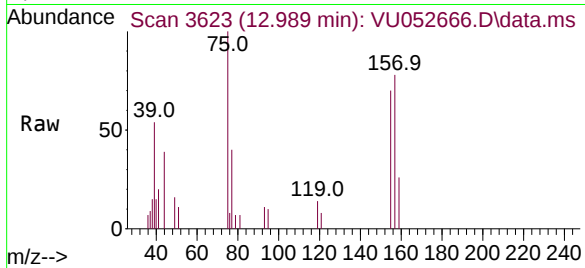
Tgt Ion: 75 Resp: 2478

Ion Ratio Lower Upper

75 100

155 70.6 47.8 143.4

157 94.6 62.2 186.5



#93

1,2,4-Trichlorobenzene

Concen: 2.260 ug/l

RT: 13.838 min Scan# 3887

Delta R.T. 0.003 min

Lab File: VU052666.D

Acq: 12 Jan 2023 15:13

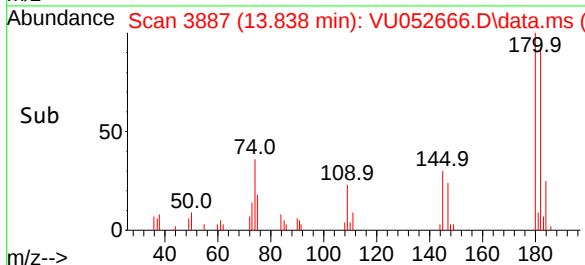
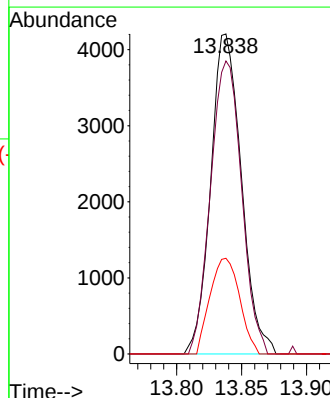
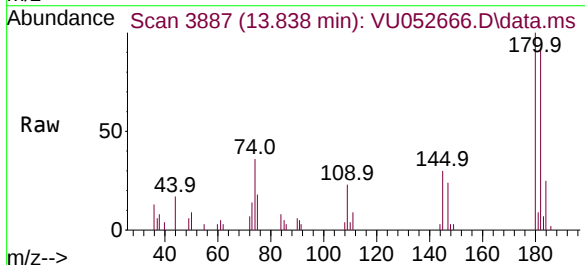
Tgt Ion: 180 Resp: 6881

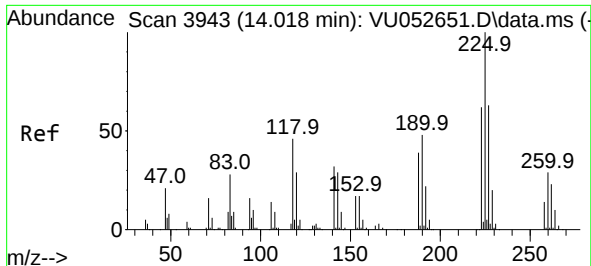
Ion Ratio Lower Upper

180 100

182 92.8 47.9 143.6

145 28.9 14.0 41.9

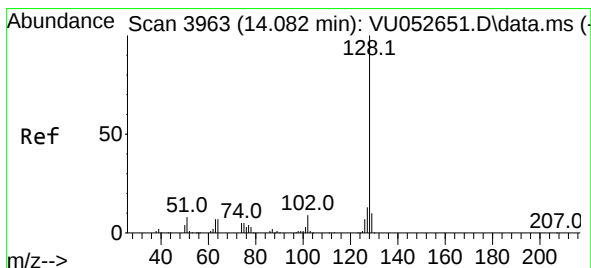
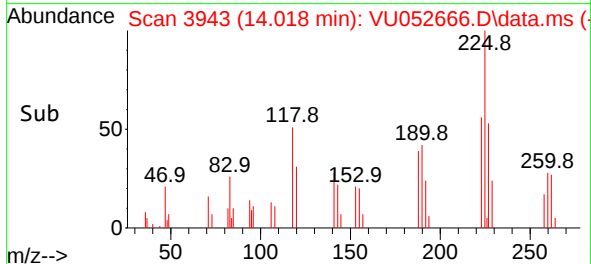
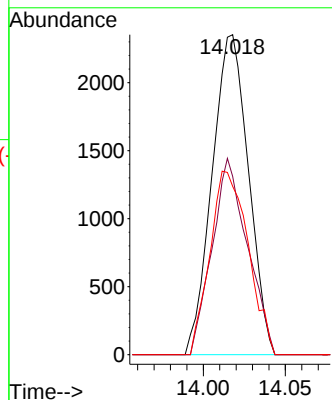
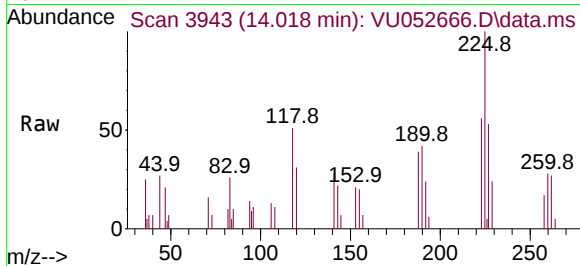




#94
Hexachlorobutadiene
Concen: 2.257 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.000 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

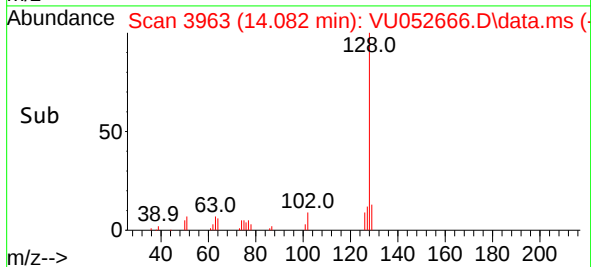
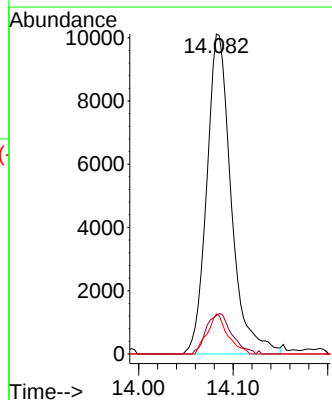
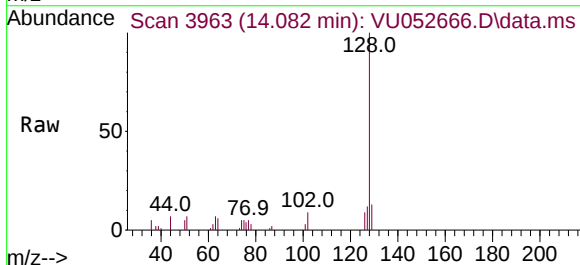
Instrument :
MSVOA_U
ClientSampleId :
MDL02

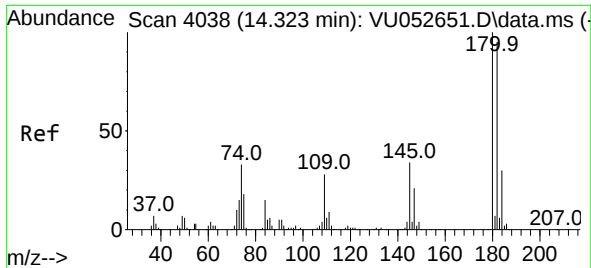
Tgt Ion:225	Resp:	3622
Ion Ratio	Lower	Upper
225	100	
223	59.7	31.3 93.9
227	60.3	32.0 96.2



#95
Naphthalene
Concen: 1.993 ug/l
RT: 14.082 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU052666.D
Acq: 12 Jan 2023 15:13

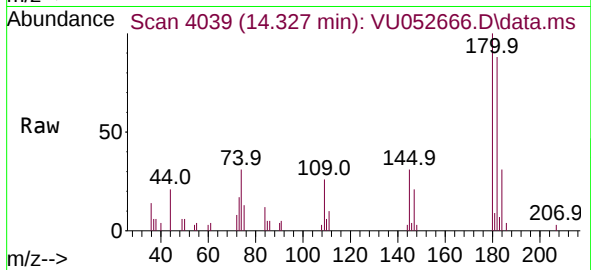
Tgt Ion:128	Resp:	18170
Ion Ratio	Lower	Upper
128	100	
127	13.1	10.3 15.5
129	10.4	8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 2.130 ug/l
 RT: 14.327 min Scan# 4039
 Delta R.T. 0.004 min
 Lab File: VU052666.D
 Acq: 12 Jan 2023 15:13

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02



Tgt Ion:	180	Resp:	6481
Ion	Ratio	Lower	Upper
180	100		
182	92.7	48.4	145.0
145	32.1	14.8	44.4

