

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012023\
 Data File : VU052758.D
 Acq On : 20 Jan 2023 13:22
 Operator : JC/MD
 Sample : MDL06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

Quant Time: Jan 21 01:21:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 21 01:19:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	200872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	335765	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	305400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	142698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	150191	51.917	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.840%
35) Dibromofluoromethane	5.285	113	116814	49.964	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.920%
50) Toluene-d8	7.893	98	420368	47.944	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.880%
62) 4-Bromofluorobenzene	10.629	95	144091	44.989	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.980%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	5504	2.324	ug/l	89
3) Chloromethane	1.520	50	6787	2.790	ug/l	96
4) Vinyl Chloride	1.604	62	6022	2.482	ug/l	98
5) Bromomethane	1.855	94	3668	3.062	ug/l	96
6) Chloroethane	1.932	64	3848	2.509	ug/l	99
7) Trichlorofluoromethane	2.134	101	9519	2.548	ug/l	97
8) Diethyl Ether	2.375	74	3470	2.552	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.578	101	5768	2.670	ug/l	96
10) Methyl Iodide	2.720	142	4734	2.667	ug/l	96
11) Tert butyl alcohol	3.192	59	1746	3.542	ug/l #	88
12) 1,1-Dichloroethene	2.578	96	5780	2.705	ug/l	91
13) Acrolein	2.488	56	7064	14.575	ug/l	99
14) Allyl chloride	2.922	41	8117	2.412	ug/l	99
15) Acrylonitrile	3.314	53	15887	11.681	ug/l	98
16) Acetone	2.636	43	17217	12.487	ug/l	100
17) Carbon Disulfide	2.790	76	16006	2.500	ug/l	95
18) Methyl Acetate	2.951	43	9210	2.414	ug/l	96
19) Methyl tert-butyl Ether	3.359	73	17565	2.427	ug/l	97
20) Methylene Chloride	3.041	84	7955	2.563	ug/l	95
21) trans-1,2-Dichloroethene	3.356	96	5875	2.551	ug/l	91
22) Diisopropyl ether	3.986	45	17049	2.436	ug/l #	63
23) Vinyl Acetate	3.954	43	61566	11.464	ug/l	99
24) 1,1-Dichloroethane	3.867	63	11695	2.635	ug/l	95
25) 2-Butanone	4.710	43	20360	11.450	ug/l	99
26) 2,2-Dichloropropane	4.662	77	9262	2.543	ug/l	96
27) cis-1,2-Dichloroethene	4.662	96	6330	2.504	ug/l	92
28) Bromochloromethane	4.977	49	4136	2.232	ug/l #	98
29) Tetrahydrofuran	5.057	42	12059	11.682	ug/l	98
30) Chloroform	5.086	83	12648	2.666	ug/l #	81
31) Cyclohexane	5.382	56	13460	3.320	ug/l #	80
32) 1,1,1-Trichloroethane	5.314	97	10312	2.653	ug/l	93
36) 1,1-Dichloropropene	5.523	75	8308	2.477	ug/l	99
37) Ethyl Acetate	4.800	43	8051	2.208	ug/l #	93
38) Carbon Tetrachloride	5.517	117	8087	2.343	ug/l	97
39) Methylcyclohexane	6.761	83	9059	2.321	ug/l	98
40) Benzene	5.768	78	23940	2.363	ug/l	94

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	4118	2.334	ug/l #	95
42) 1,2-Dichloroethane	5.790	62	9393	2.568	ug/l	98
43) Isopropyl Acetate	5.909	43	11878	2.337	ug/l	98
44) Trichloroethene	6.536	130	6062	2.420	ug/l	92
45) 1,2-Dichloropropane	6.787	63	6586	2.521	ug/l	92
46) Dibromomethane	6.915	93	4718	2.608	ug/l	90
47) Bromodichloromethane	7.102	83	8693	2.401	ug/l	99
48) Methyl methacrylate	6.960	41	5065	2.187	ug/l	93
49) 1,4-Dioxane	7.009	88	2400	53.476	ug/l #	1
51) 4-Methyl-2-Pentanone	7.787	43	36632	11.136	ug/l	97
52) Toluene	7.967	92	15413	2.516	ug/l	99
53) t-1,3-Dichloropropene	8.208	75	8913	2.357	ug/l	98
54) cis-1,3-Dichloropropene	7.604	75	8933	2.215	ug/l	94
55) 1,1,2-Trichloroethane	8.398	97	6402	2.560	ug/l	91
56) Ethyl methacrylate	8.330	69	7637	2.169	ug/l	97
57) 1,3-Dichloropropane	8.571	76	11064	2.523	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.469	63	725	6.782	ug/l #	46
59) 2-Hexanone	8.684	43	27762	10.955	ug/l	97
60) Dibromochloromethane	8.806	129	6275	2.285	ug/l	91
61) 1,2-Dibromoethane	8.919	107	6047	2.303	ug/l	97
64) Tetrachloroethene	8.549	164	5439	2.564	ug/l	95
65) Chlorobenzene	9.443	112	15904	2.461	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.530	131	5820	2.402	ug/l	97
67) Ethyl Benzene	9.565	91	25287	2.315	ug/l	98
68) m/p-Xylenes	9.690	106	19078	4.498	ug/l	99
69) o-Xylene	10.099	106	9478	2.341	ug/l	96
70) Styrene	10.111	104	13986	2.106	ug/l	98
71) Bromoform	10.288	173	4630	2.288	ug/l #	97
73) Isopropylbenzene	10.481	105	22716	2.416	ug/l	97
74) N-amyl acetate	10.317	43	7863	2.196	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.777	83	10185	2.735	ug/l	97
76) 1,2,3-Trichloropropane	10.819	75	9975	2.562	ug/l	98
77) Bromobenzene	10.780	156	6641	2.731	ug/l	97
78) n-propylbenzene	10.902	91	27855	2.519	ug/l	100
79) 2-Chlorotoluene	10.983	91	18809	2.753	ug/l	96
80) 1,3,5-Trimethylbenzene	11.083	105	19737	2.527	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.629	75	72279	72.126	ug/l #	13
82) 4-Chlorotoluene	11.092	91	19759	2.537	ug/l	98
83) tert-Butylbenzene	11.417	119	19487	2.431	ug/l	99
84) 1,2,4-Trimethylbenzene	11.462	105	18560	2.394	ug/l	99
85) sec-Butylbenzene	11.639	105	23071	2.351	ug/l	100
86) p-Isopropyltoluene	11.787	119	18209	2.182	ug/l	94
87) 1,3-Dichlorobenzene	11.742	146	11965	2.582	ug/l	97
88) 1,4-Dichlorobenzene	11.832	146	13732	2.882	ug/l	92
89) n-Butylbenzene	12.205	91	15264	2.132	ug/l	99
90) Hexachloroethane	12.472	117	3668	2.292	ug/l	98
91) 1,2-Dichlorobenzene	12.208	146	11926	2.552	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.992	75	2042	2.642	ug/l	91
93) 1,2,4-Trichlorobenzene	13.838	180	5939	2.176	ug/l	93
94) Hexachlorobutadiene	14.018	225	3688	2.438	ug/l	97
95) Naphthalene	14.086	128	16465	2.126	ug/l	97
96) 1,2,3-Trichlorobenzene	14.327	180	6222	2.296	ug/l	96

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Quant Title : SW846 8260
QLast Update : Sat Jan 21 01:19:23 2023
Response via : Initial Calibration

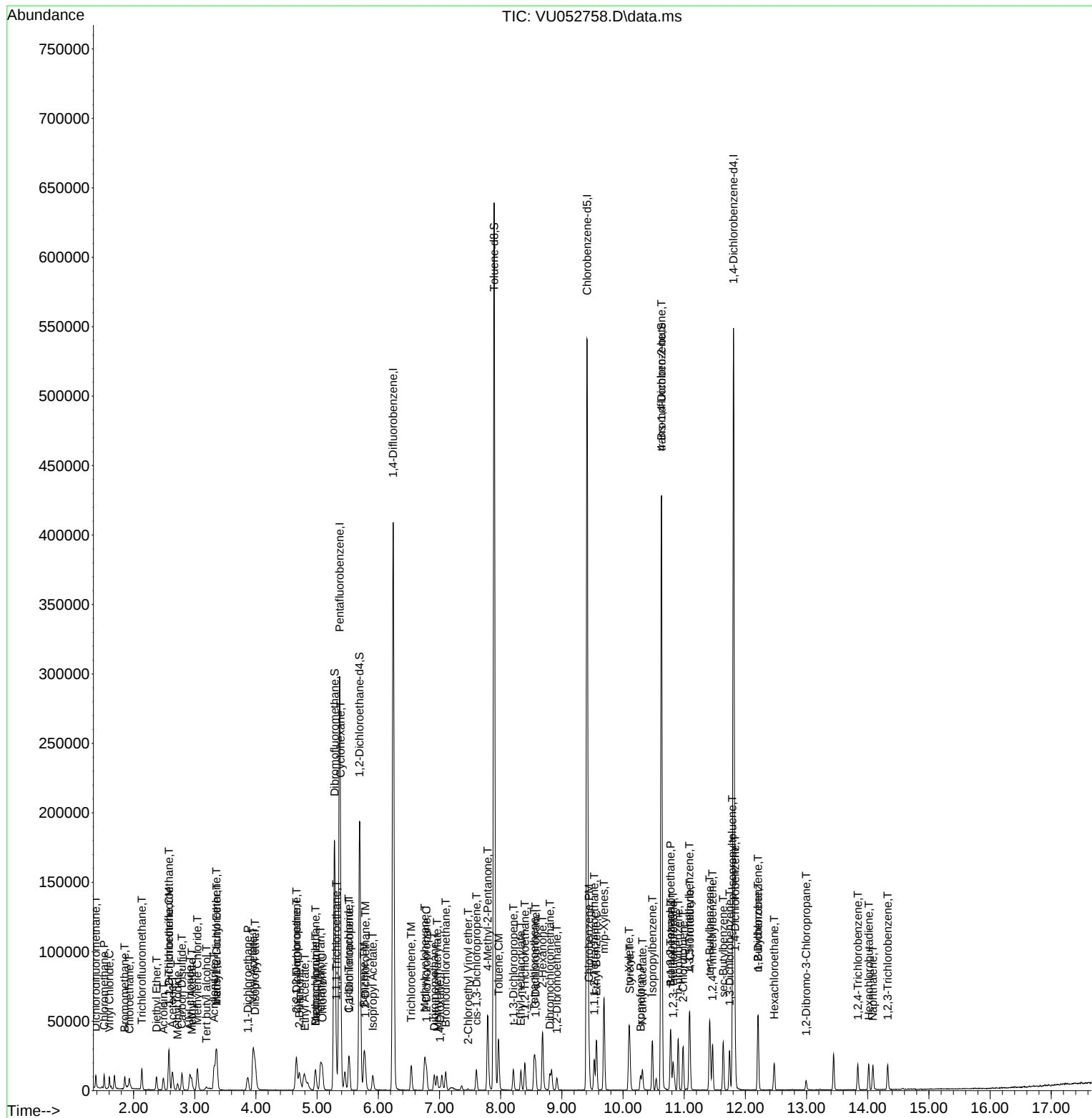
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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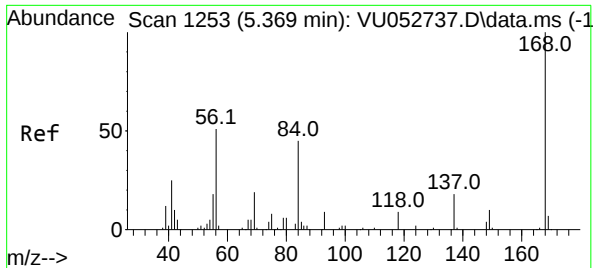
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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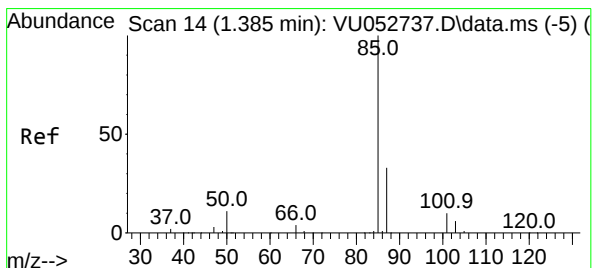
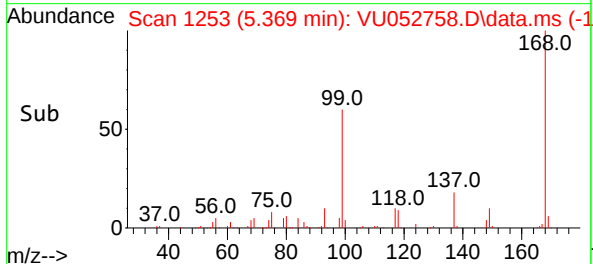
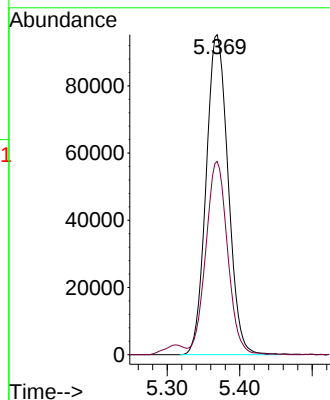
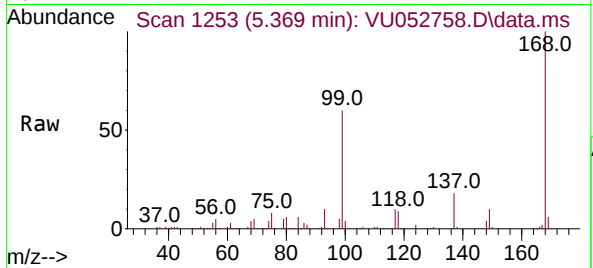




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.000 min
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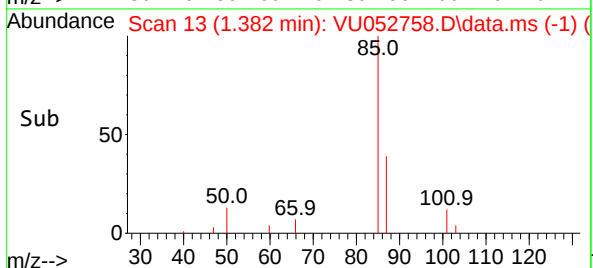
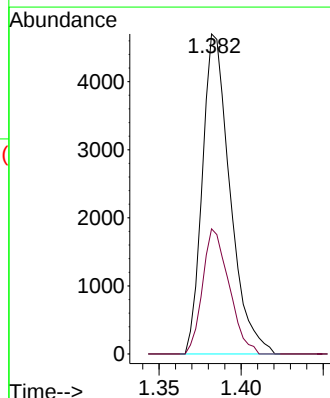
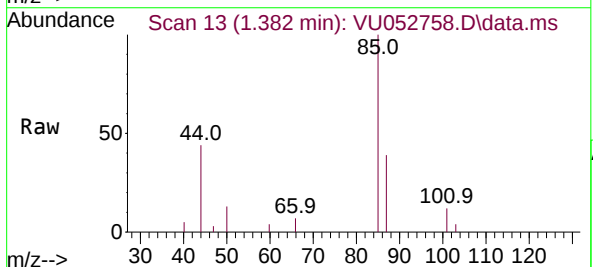
Instrument :
MSVOA_U
ClientSampleId :
MDL06

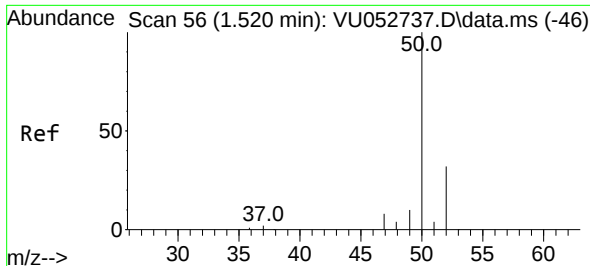
Tgt Ion:168 Resp: 200872
Ion Ratio Lower Upper
168 100
99 60.3 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 2.324 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.003 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

Tgt Ion: 85 Resp: 5504
Ion Ratio Lower Upper
85 100
87 39.1 16.6 49.7

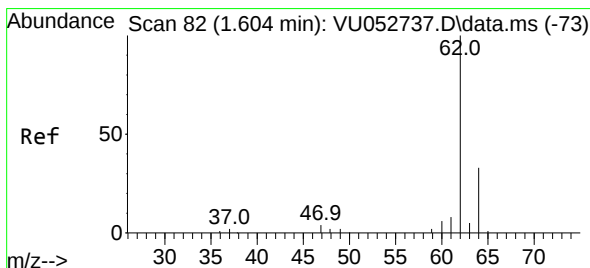
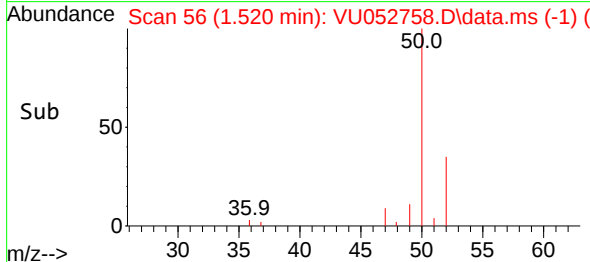
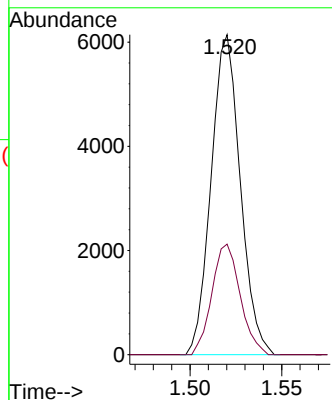
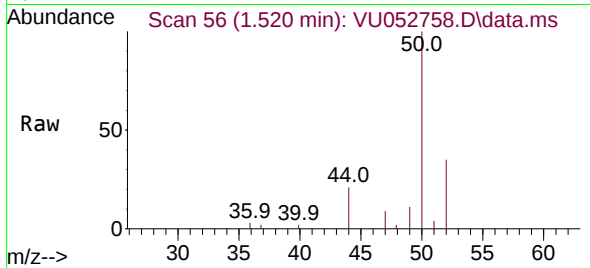




#3
Chloromethane
Concen: 2.790 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

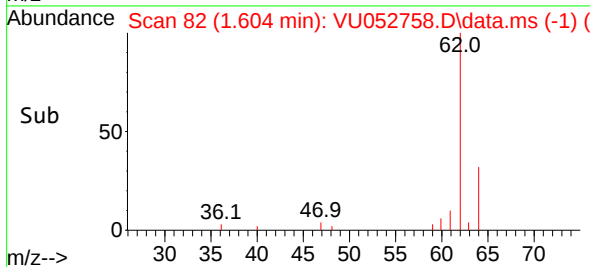
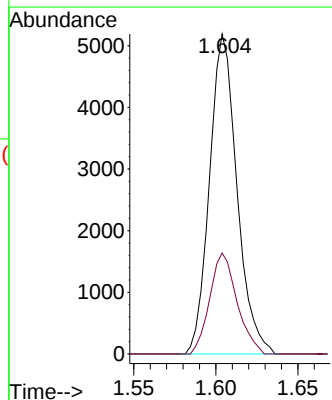
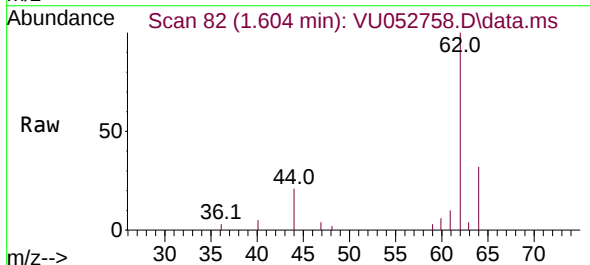
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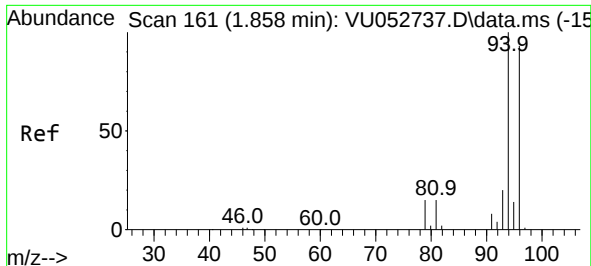
Tgt Ion: 50 Resp: 6787
Ion Ratio Lower Upper
50 100
52 34.5 25.8 38.6



#4
Vinyl Chloride
Concen: 2.482 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

Tgt Ion: 62 Resp: 6022
Ion Ratio Lower Upper
62 100
64 31.6 26.1 39.1

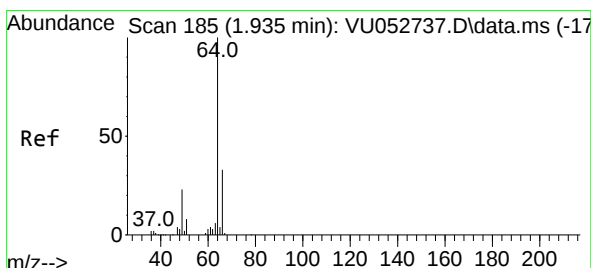
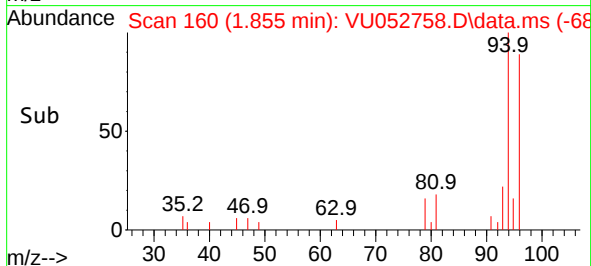
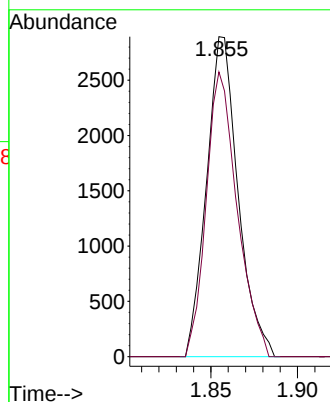
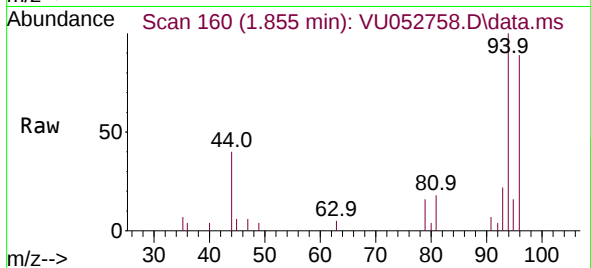




#5
Bromomethane
Concen: 3.062 ug/l
RT: 1.855 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU052758.D
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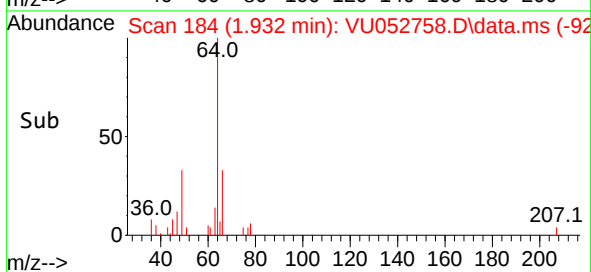
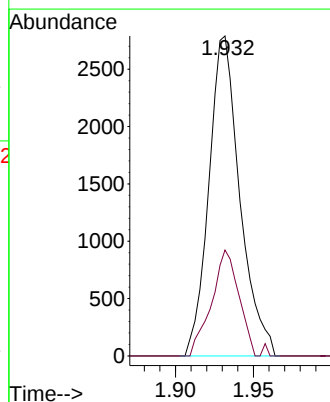
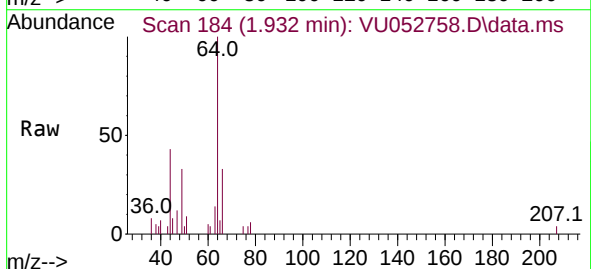
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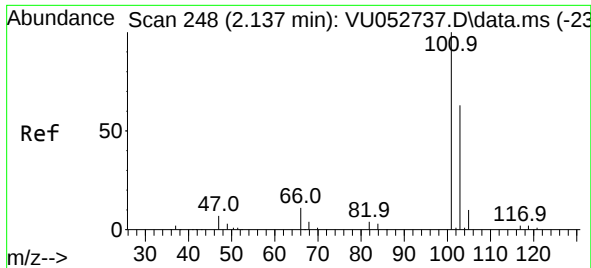
Tgt Ion: 94 Resp: 3668
Ion Ratio Lower Upper
94 100
96 89.0 74.3 111.5



#6
Chloroethane
Concen: 2.509 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

Tgt Ion: 64 Resp: 3848
Ion Ratio Lower Upper
64 100
66 33.1 26.1 39.1

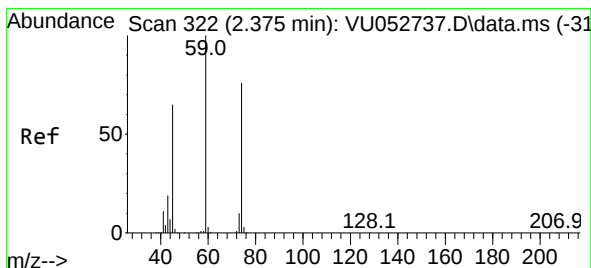
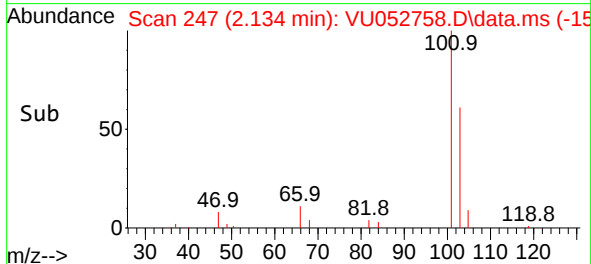
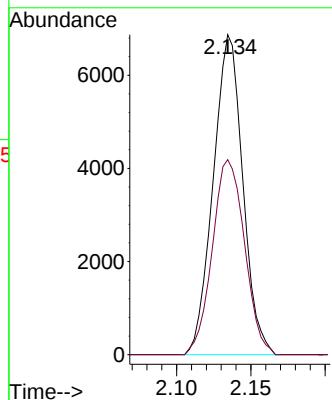
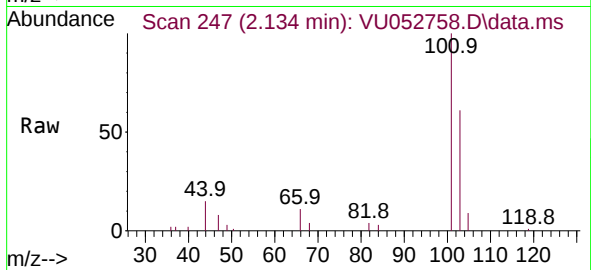




#7
Trichlorofluoromethane
Concen: 2.548 ug/l
RT: 2.134 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

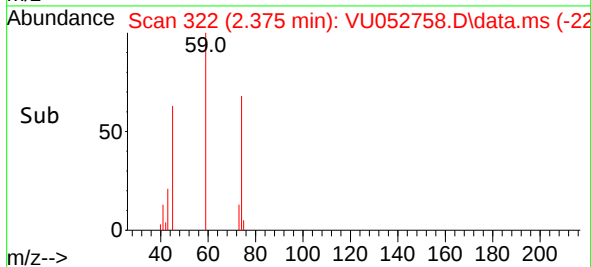
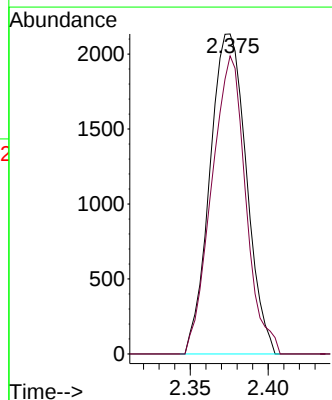
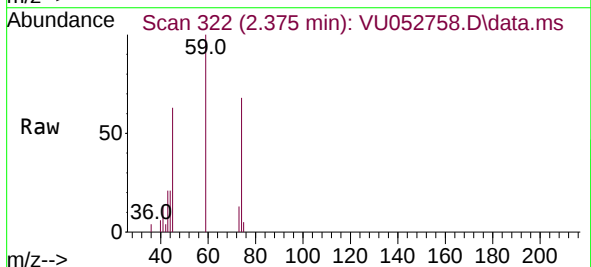
Instrument :
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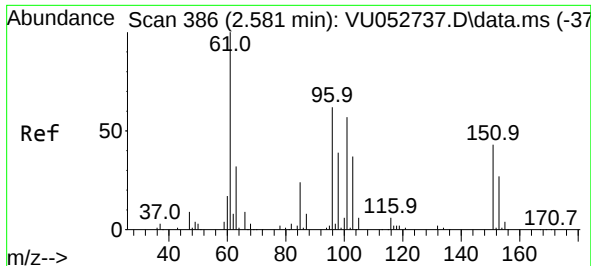
Tgt Ion:101 Resp: 9519
Ion Ratio Lower Upper
101 100
103 60.9 50.7 76.1



#8
Diethyl Ether
Concen: 2.552 ug/l
RT: 2.375 min Scan# 322
Delta R.T. 0.000 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

Tgt Ion: 74 Resp: 3470
Ion Ratio Lower Upper
74 100
45 86.9 42.4 127.3

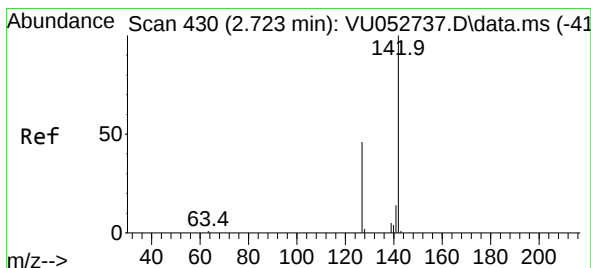
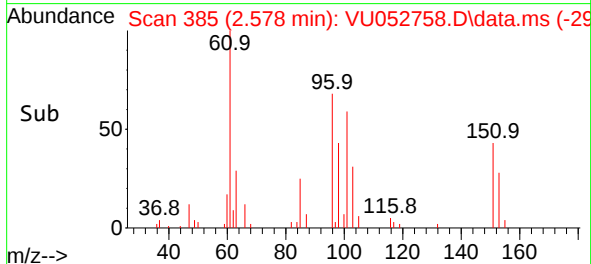
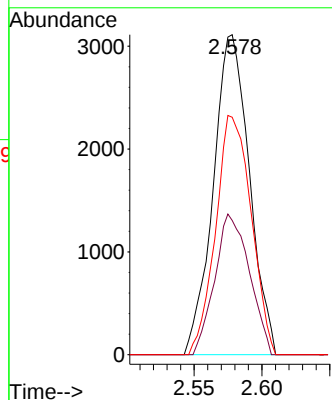
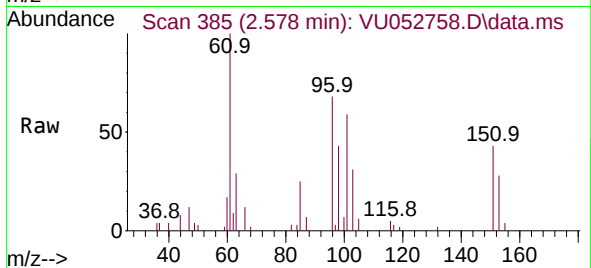




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.670 ug/l
RT: 2.578 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

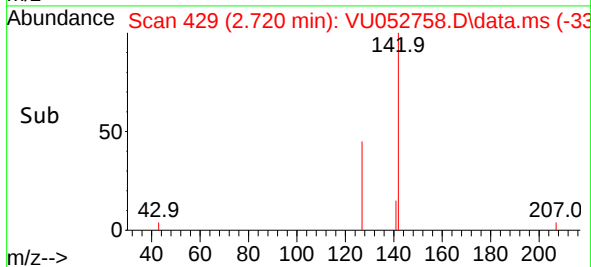
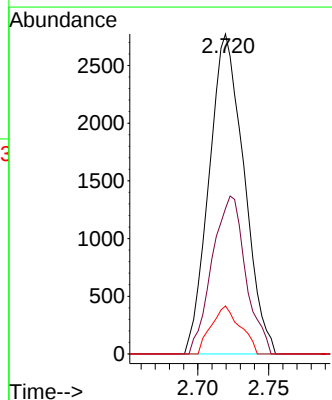
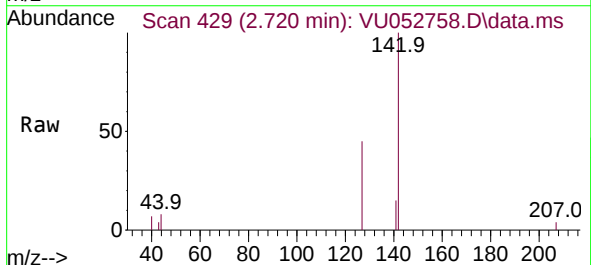
Instrument :
MSVOA_U
ClientSampleId :
MDL06

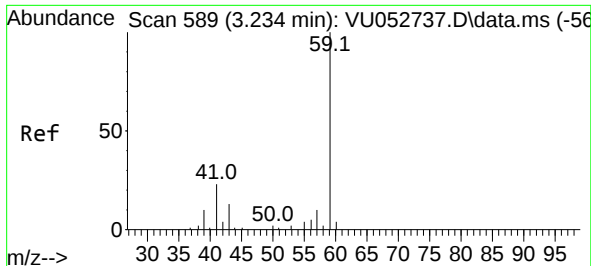
Tgt Ion:101 Resp: 5768
Ion Ratio Lower Upper
101 100
85 42.1 35.1 52.7
151 73.4 61.9 92.9



#10
Methyl Iodide
Concen: 2.667 ug/l
RT: 2.720 min Scan# 429
Delta R.T. -0.003 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

Tgt Ion:142 Resp: 4734
Ion Ratio Lower Upper
142 100
127 47.5 36.3 54.5
141 12.5 11.8 17.6

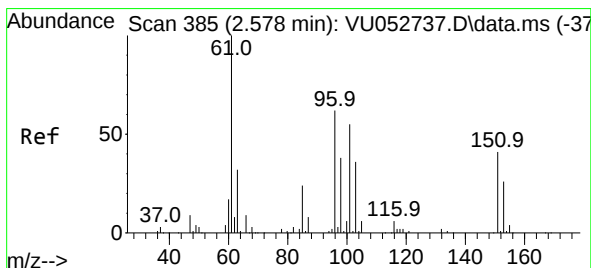
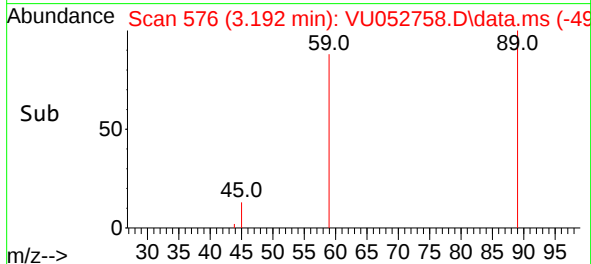
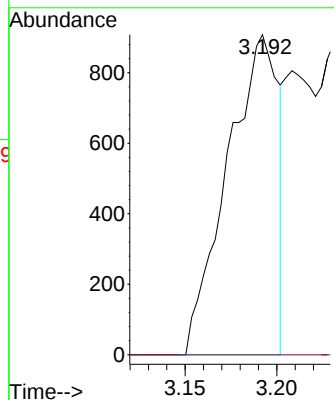
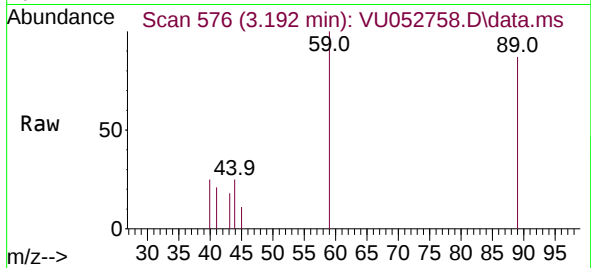




#11
Tert butyl alcohol
Concen: 3.542 ug/l
RT: 3.192 min Scan# 51
Delta R.T. -0.042 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

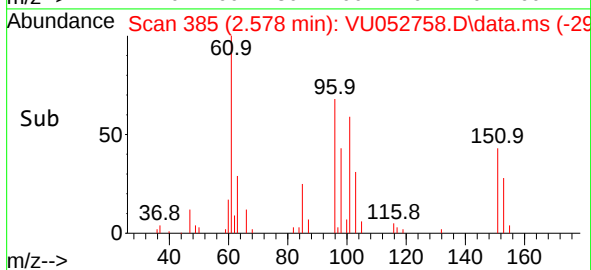
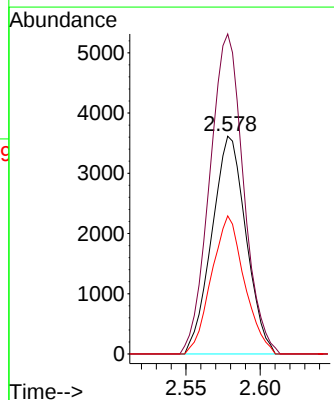
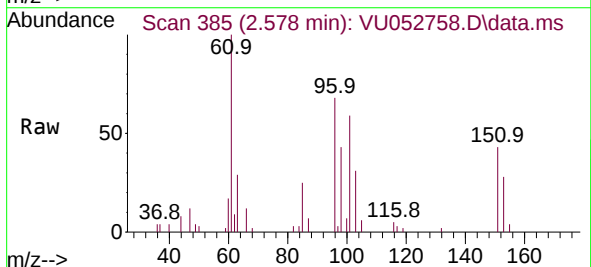
Instrument :
MSVOA_U
ClientSampleId :
MDL06

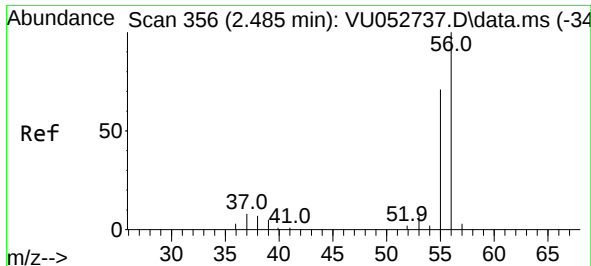
Tgt Ion: 59 Resp: 1746
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 2.705 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

Tgt Ion: 96 Resp: 5780
Ion Ratio Lower Upper
96 100
61 146.9 129.8 194.6
98 63.4 49.9 74.9





#13

Acrolein

Concen: 14.575 ug/l

RT: 2.488 min Scan# 356

Delta R.T. 0.003 min

Lab File: VU052758.D

Acq: 20 Jan 2023 13:22

Instrument :

MSVOA_U

ClientSampleId :

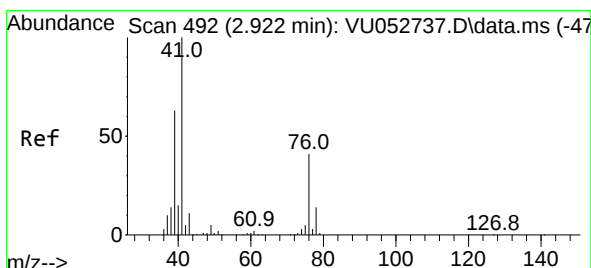
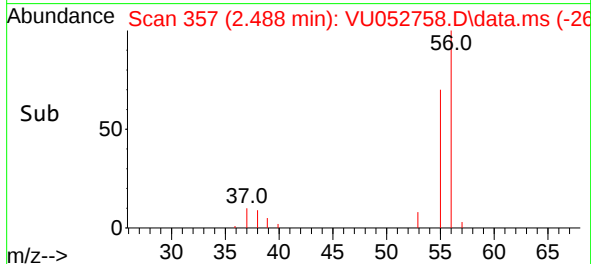
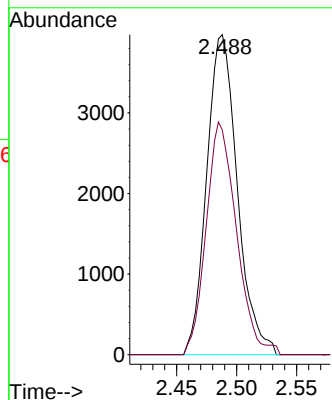
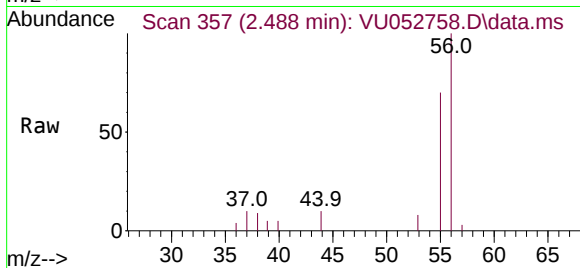
MDL06

Tgt Ion: 56 Resp: 7064

Ion Ratio Lower Upper

56 100

55 72.0 57.2 85.8



#14

Allyl chloride

Concen: 2.412 ug/l

RT: 2.922 min Scan# 492

Delta R.T. 0.000 min

Lab File: VU052758.D

Acq: 20 Jan 2023 13:22

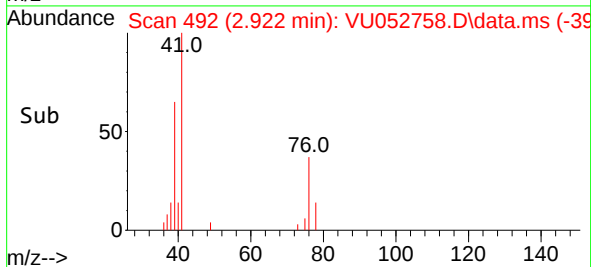
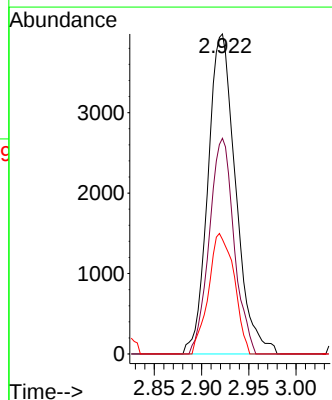
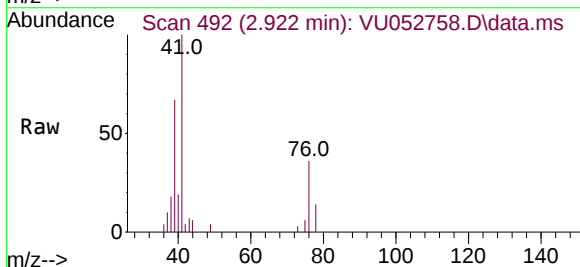
Tgt Ion: 41 Resp: 8117

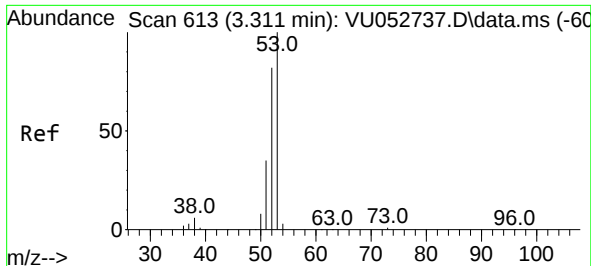
Ion Ratio Lower Upper

41 100

39 60.1 48.2 72.2

76 34.8 29.4 44.0

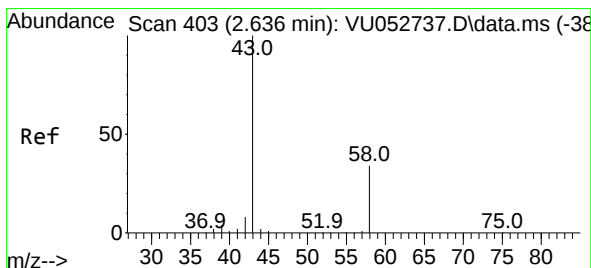
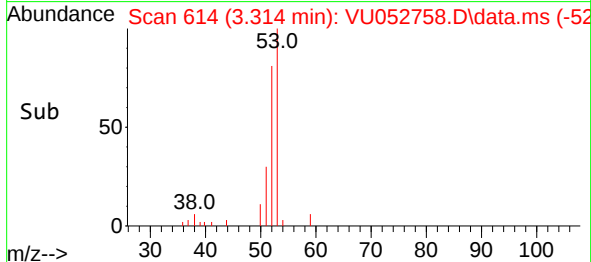
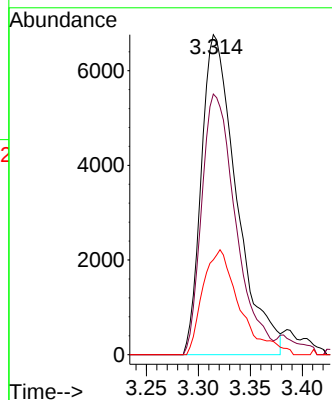
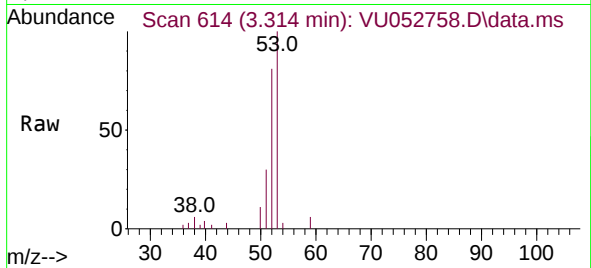




#15
Acrylonitrile
Concen: 11.681 ug/l
RT: 3.314 min Scan# 613
Delta R.T. 0.003 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

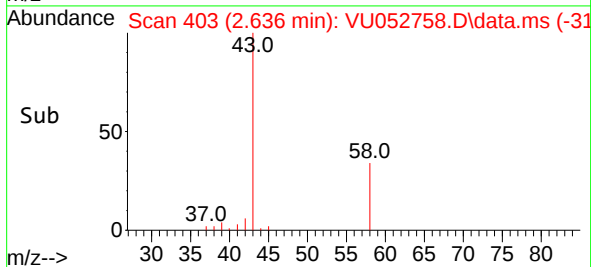
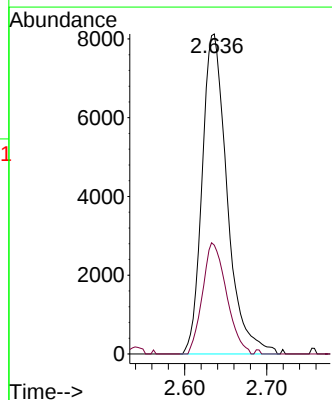
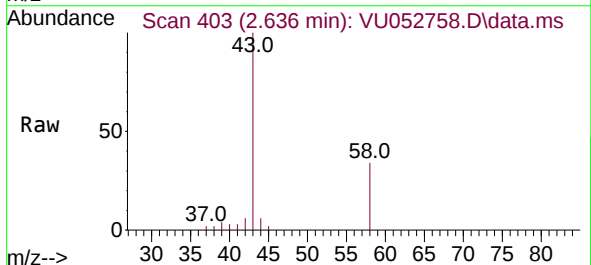
Instrument :
MSVOA_U
ClientSampleId :
MDL06

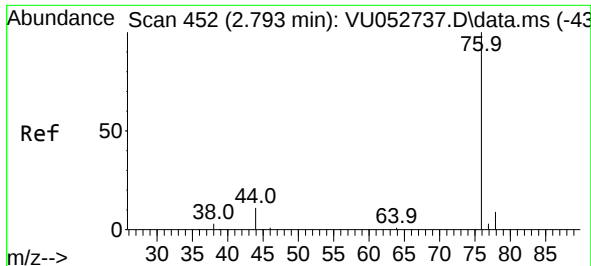
Tgt Ion: 53 Resp: 15887
Ion Ratio Lower Upper
53 100
52 78.9 64.9 97.3
51 34.2 27.6 41.4



#16
Acetone
Concen: 12.487 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.000 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

Tgt Ion: 43 Resp: 17217
Ion Ratio Lower Upper
43 100
58 34.0 27.1 40.7

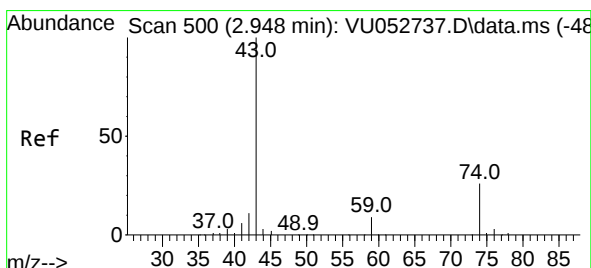
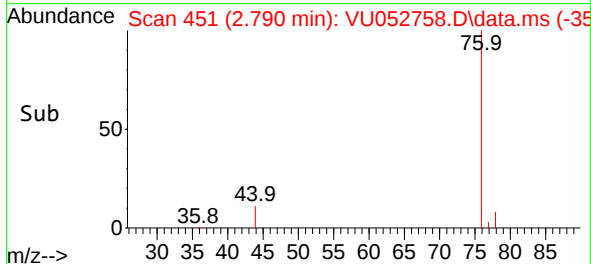
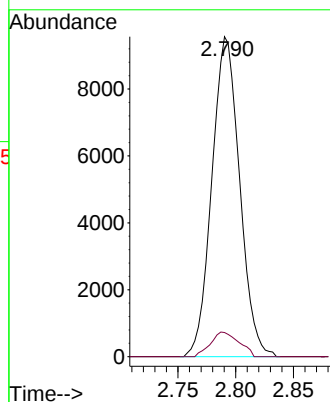
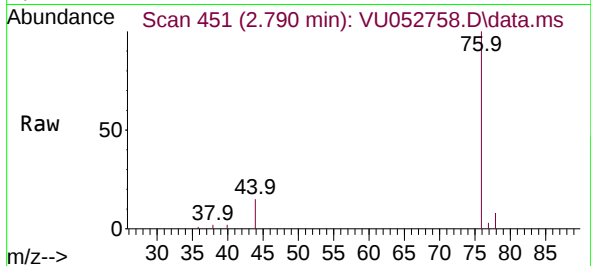




#17
Carbon Disulfide
Concen: 2.500 ug/l
RT: 2.790 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

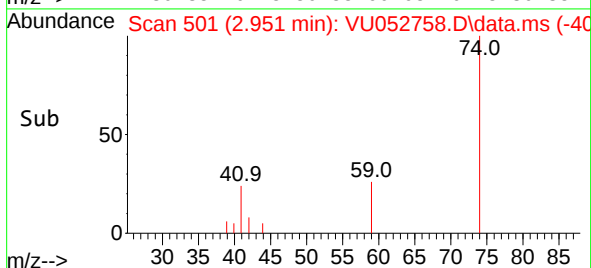
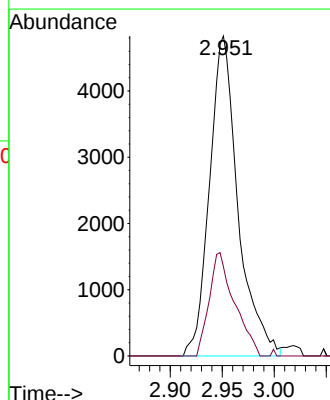
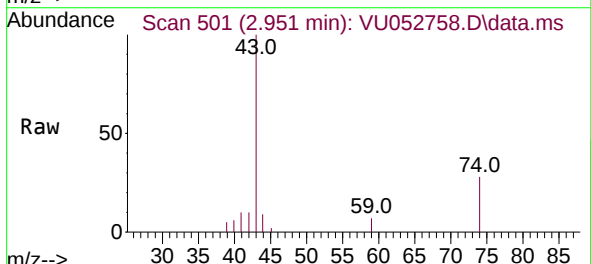
Instrument :
MSVOA_U
ClientSampleId :
MDL06

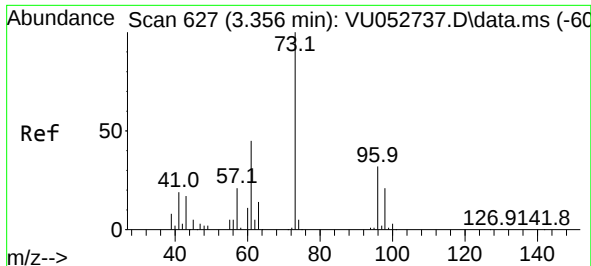
Tgt Ion: 76 Resp: 16006
Ion Ratio Lower Upper
76 100
78 7.6 7.4 11.2



#18
Methyl Acetate
Concen: 2.414 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

Tgt Ion: 43 Resp: 9210
Ion Ratio Lower Upper
43 100
74 28.6 21.1 31.7

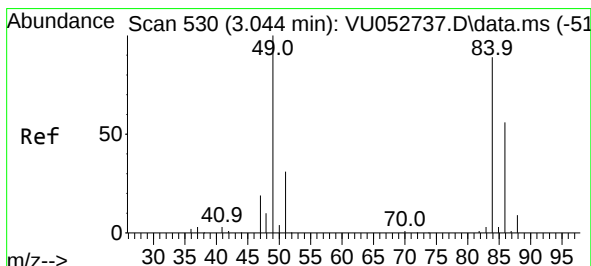
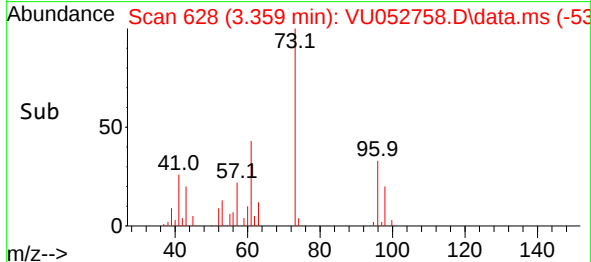
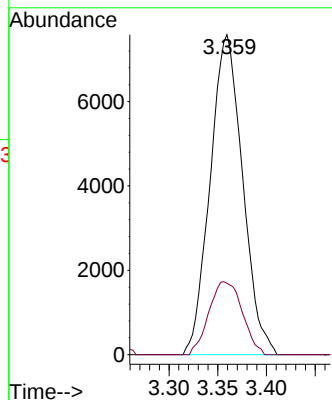
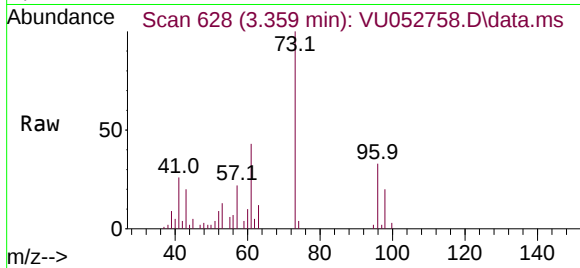




#19
Methyl tert-butyl Ether
Concen: 2.427 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

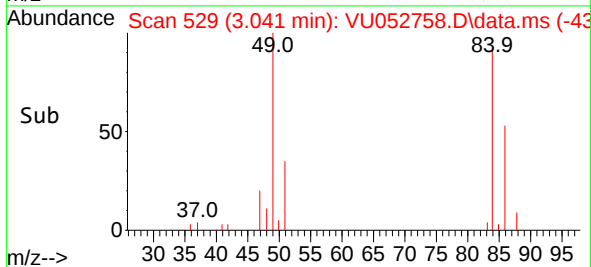
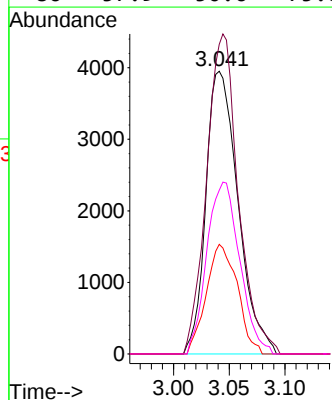
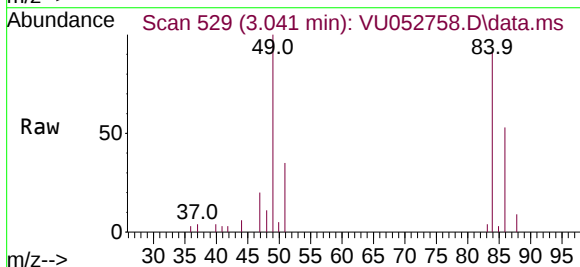
Instrument :
MSVOA_U
ClientSampleId :
MDL06

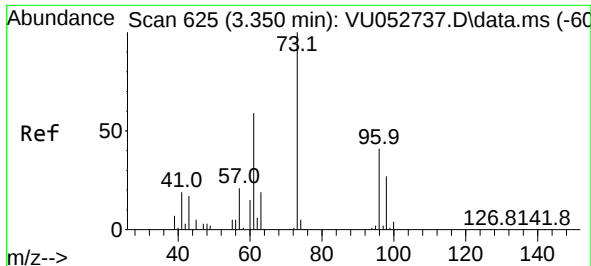
Tgt Ion: 73 Resp: 17565
Ion Ratio Lower Upper
73 100
57 22.3 16.9 25.3



#20
Methylene Chloride
Concen: 2.563 ug/l
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

Tgt Ion: 84 Resp: 7955
Ion Ratio Lower Upper
84 100
49 109.5 90.2 135.4
51 38.7 28.1 42.1
86 57.9 50.6 75.8

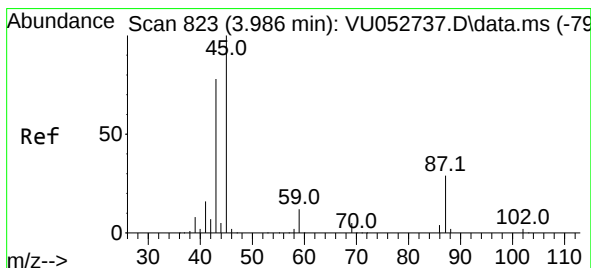
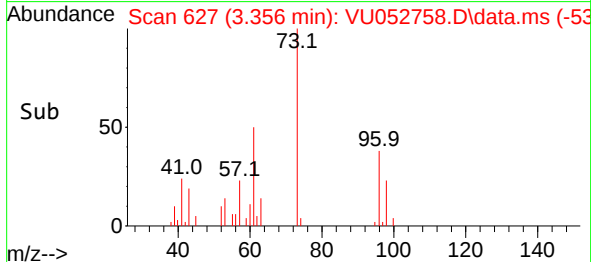
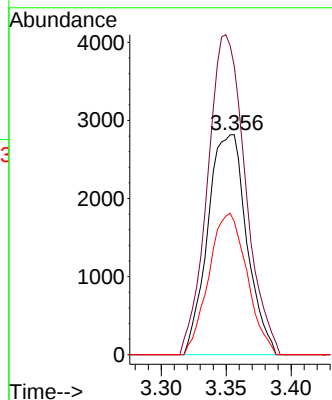
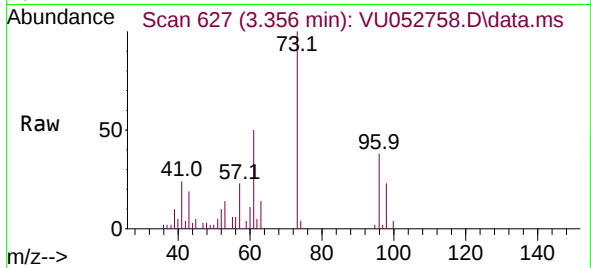




#21
trans-1,2-Dichloroethene
Concen: 2.551 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.007 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

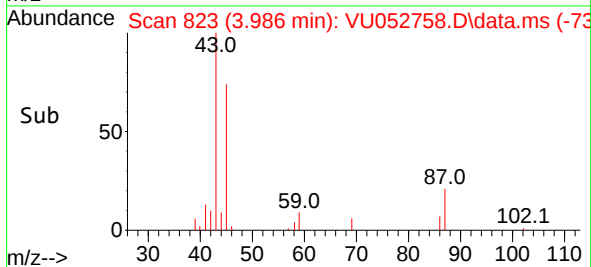
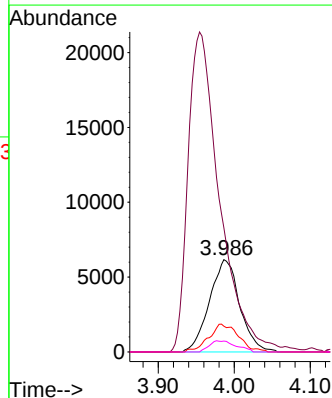
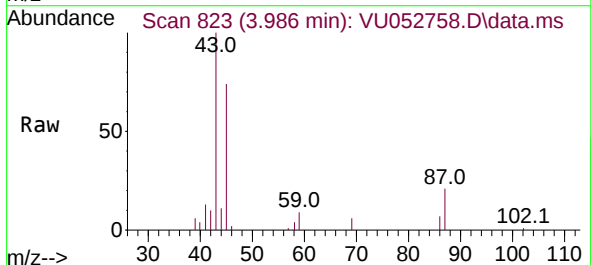
Instrument :
MSVOA_U
ClientSampleId :
MDL06

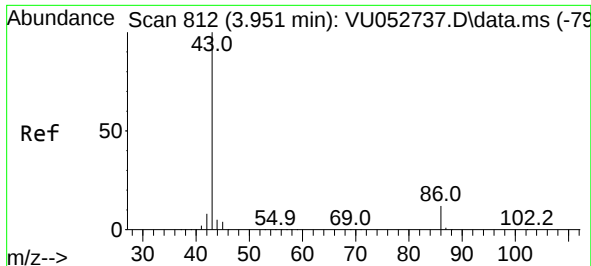
Tgt Ion: 96 Resp: 5875
Ion Ratio Lower Upper
96 100
61 131.1 114.7 172.1
98 60.5 52.4 78.6



#22
Diisopropyl ether
Concen: 2.436 ug/l
RT: 3.986 min Scan# 823
Delta R.T. 0.000 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

Tgt Ion: 45 Resp: 17049
Ion Ratio Lower Upper
45 100
43 129.4 64.6 97.0#
87 28.0 23.2 34.8
59 11.7 9.5 14.3

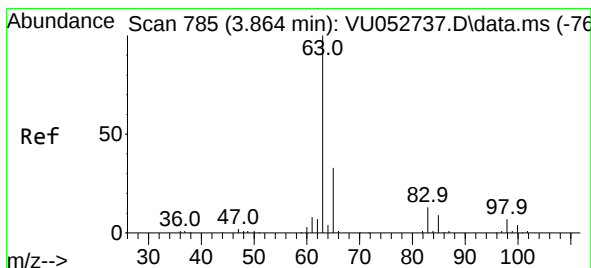
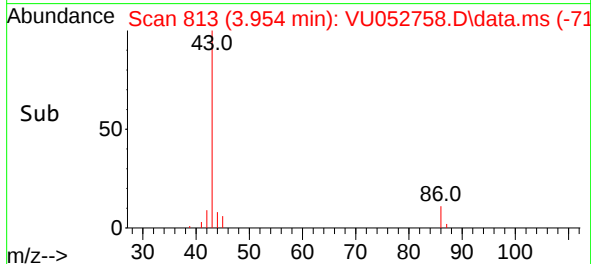
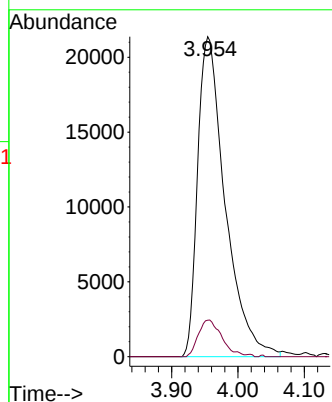
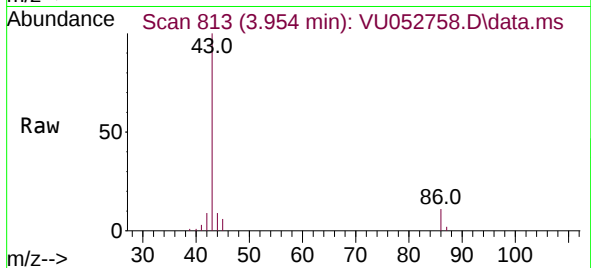




#23
 Vinyl Acetate
 Concen: 11.464 ug/l
 RT: 3.954 min Scan# 812
 Delta R.T. 0.003 min
 Lab File: VU052758.D
 Acq: 20 Jan 2023 13:22

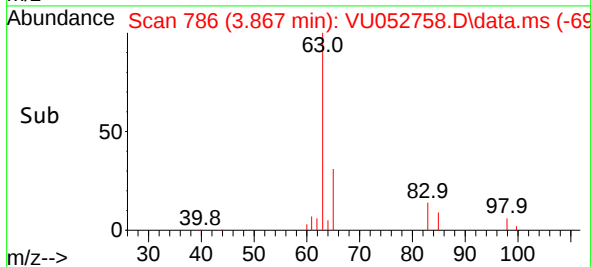
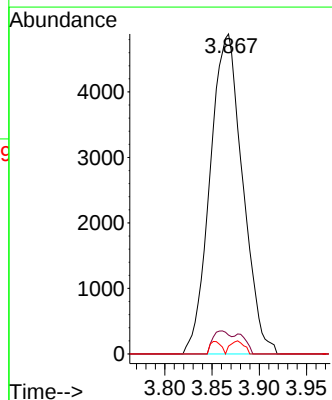
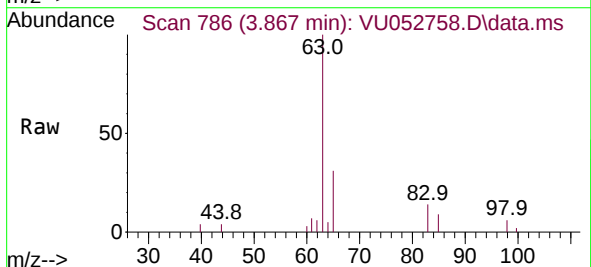
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

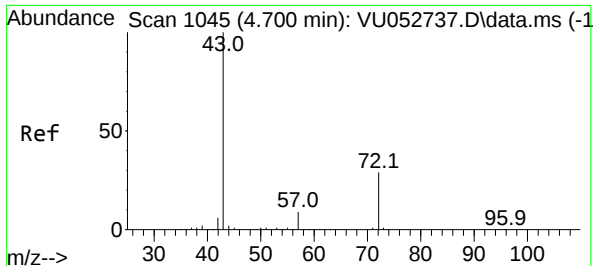
Tgt Ion: 43 Resp: 61566
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 2.635 ug/l
 RT: 3.867 min Scan# 786
 Delta R.T. 0.003 min
 Lab File: VU052758.D
 Acq: 20 Jan 2023 13:22

Tgt Ion: 63 Resp: 11695
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.6 10.9
 100 2.4 2.2 6.6





#25

2-Butanone

Concen: 11.450 ug/l

RT: 4.710 min Scan# 1045

Delta R.T. 0.010 min

Lab File: VU052758.D

Acq: 20 Jan 2023 13:22

Instrument :

MSVOA_U

ClientSampleId :

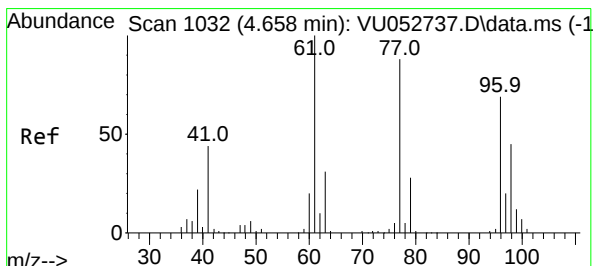
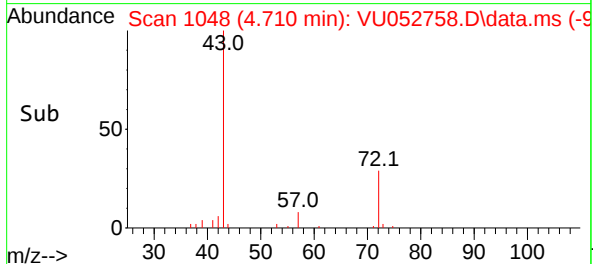
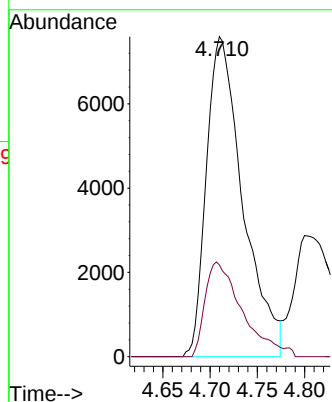
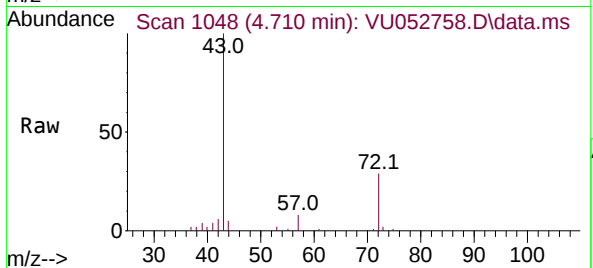
MDL06

Tgt Ion: 43 Resp: 20360

Ion Ratio Lower Upper

43 100

72 28.7 23.3 34.9



#26

2,2-Dichloropropane

Concen: 2.543 ug/l

RT: 4.662 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VU052758.D

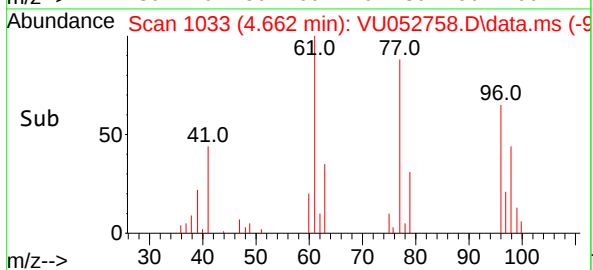
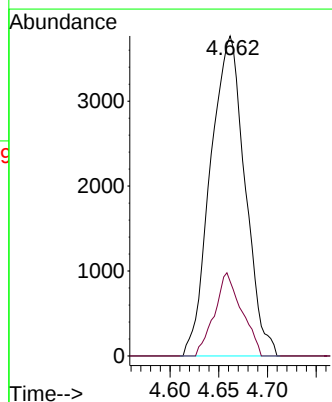
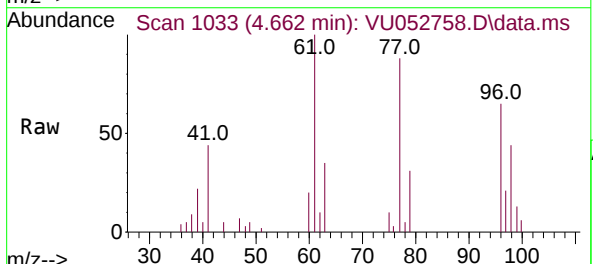
Acq: 20 Jan 2023 13:22

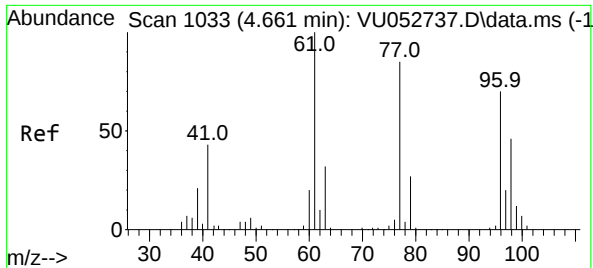
Tgt Ion: 77 Resp: 9262

Ion Ratio Lower Upper

77 100

97 20.5 11.3 33.8

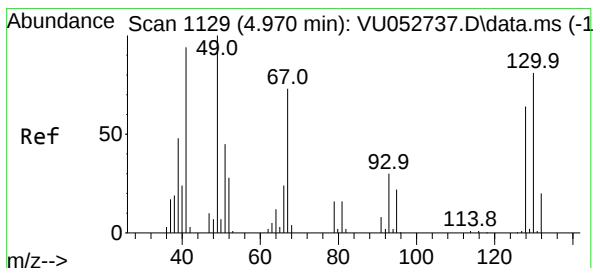
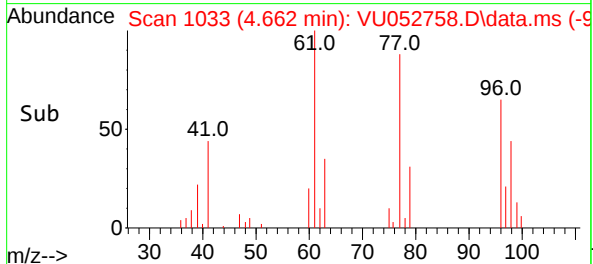
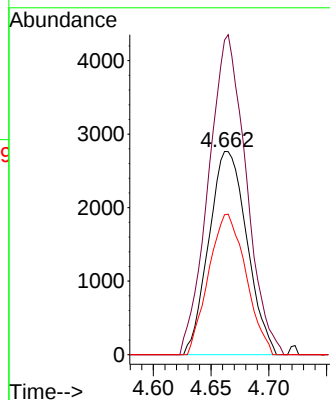
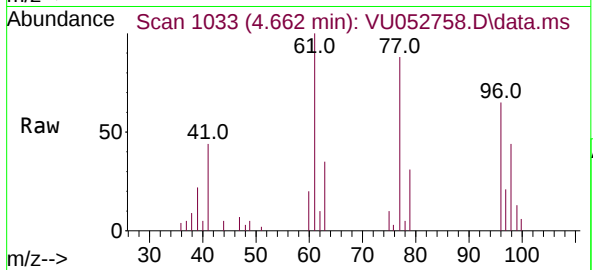




#27
 cis-1,2-Dichloroethene
 Concen: 2.504 ug/l
 RT: 4.662 min Scan# 1103
 Delta R.T. 0.000 min
 Lab File: VU052758.D
 Acq: 20 Jan 2023 13:22

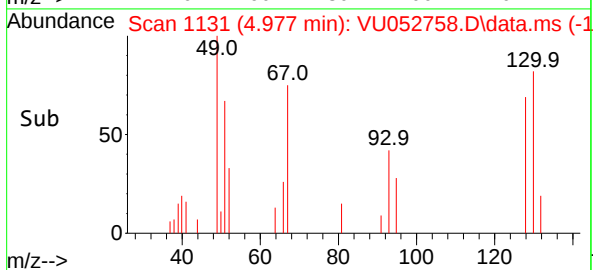
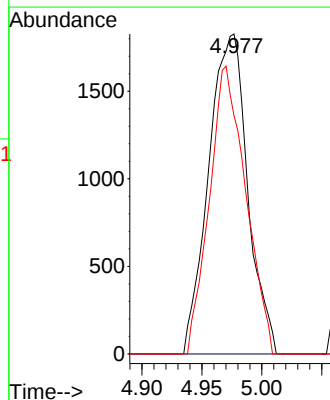
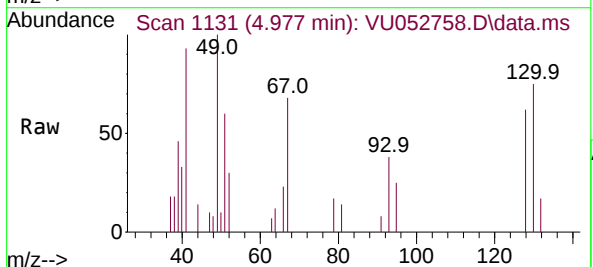
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

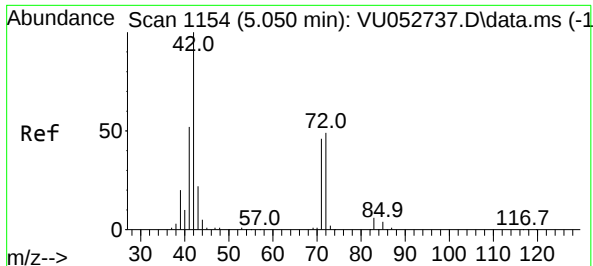
Tgt Ion: 96 Resp: 6330
 Ion Ratio Lower Upper
 96 100
 61 155.8 0.0 287.2
 98 67.6 0.0 128.4



#28
 Bromochloromethane
 Concen: 2.232 ug/l
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.007 min
 Lab File: VU052758.D
 Acq: 20 Jan 2023 13:22

Tgt Ion: 49 Resp: 4136
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 83.6 65.5 98.3

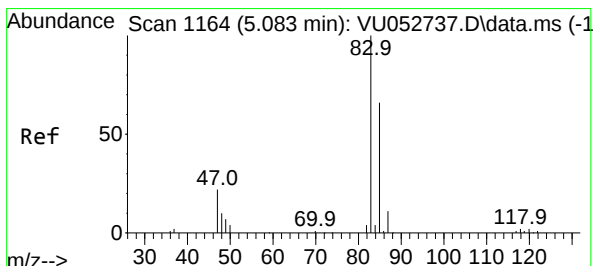
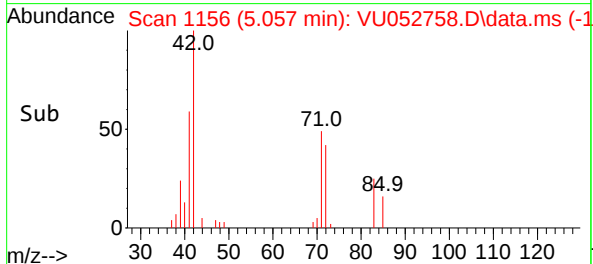
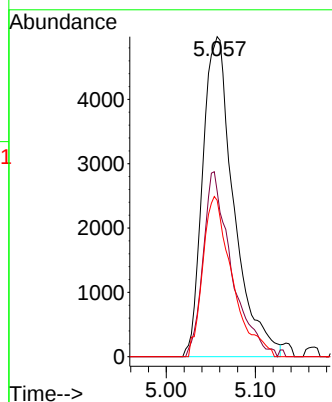
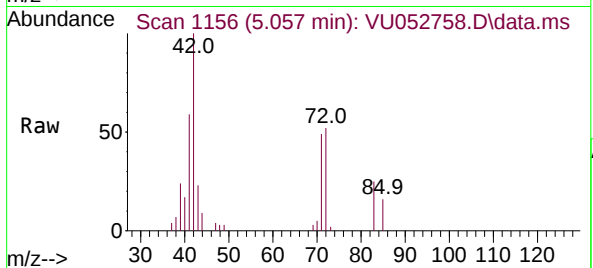




#29
Tetrahydrofuran
Concen: 11.682 ug/l
RT: 5.057 min Scan# 1156
Delta R.T. 0.007 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

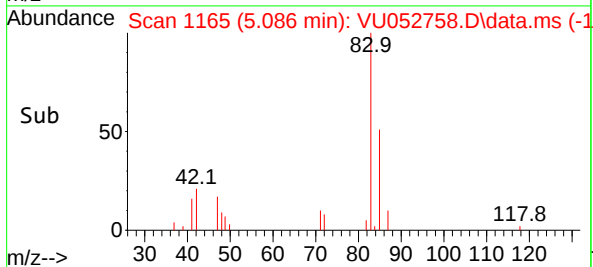
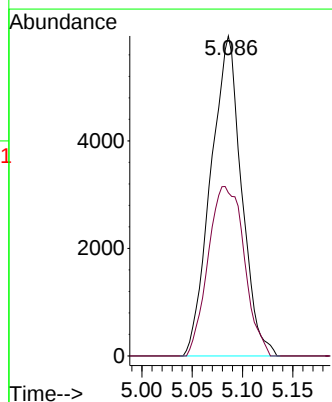
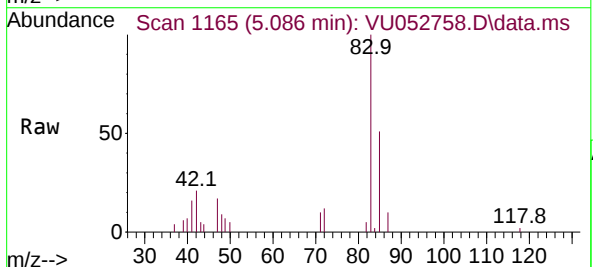
Instrument :
MSVOA_U
ClientSampleId :
MDL06

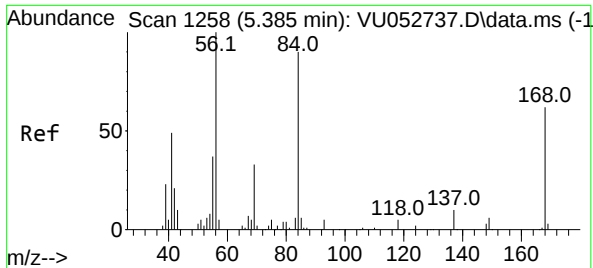
Tgt Ion:	42	Resp:	12059
Ion	Ratio	Lower	Upper
42	100		
72	52.5	40.5	60.7
71	47.4	37.4	56.0



#30
Chloroform
Concen: 2.666 ug/l
RT: 5.086 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

Tgt Ion:	83	Resp:	12648
Ion	Ratio	Lower	Upper
83	100		
85	51.0	52.6	79.0#

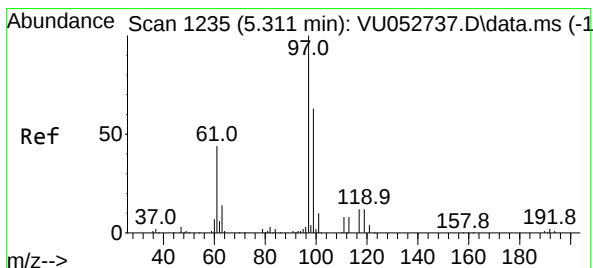
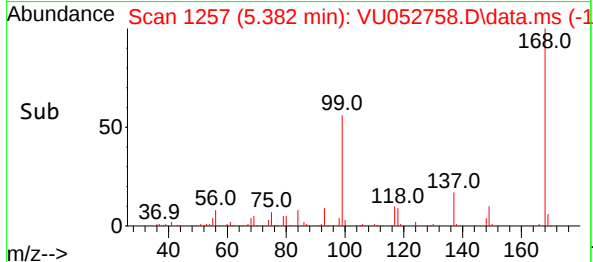
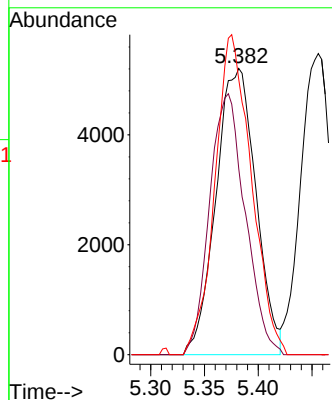
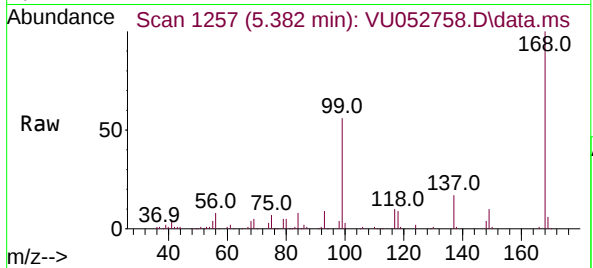




#31
Cyclohexane
Concen: 3.320 ug/l
RT: 5.382 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

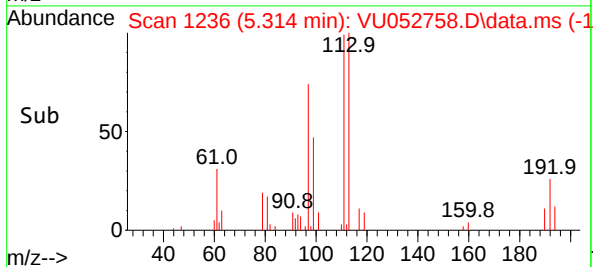
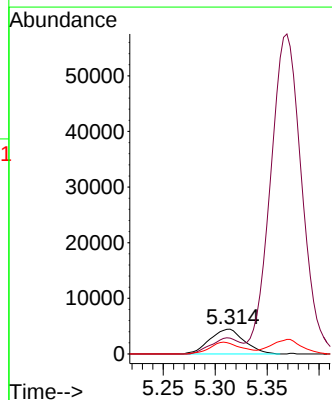
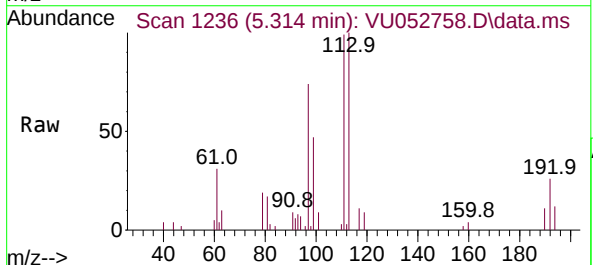
Instrument :
MSVOA_U
ClientSampleId :
MDL06

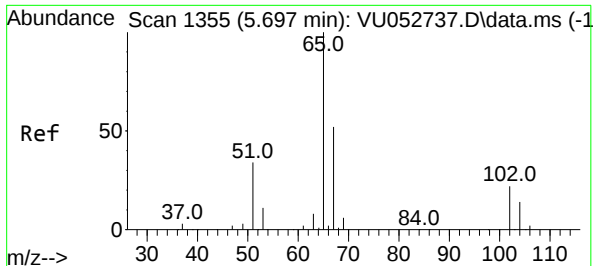
Tgt Ion: 56 Resp: 13460
Ion Ratio Lower Upper
56 100
69 64.9 26.2 39.2#
84 96.1 72.2 108.4



#32
1,1,1-Trichloroethane
Concen: 2.653 ug/l
RT: 5.314 min Scan# 1236
Delta R.T. 0.003 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

Tgt Ion: 97 Resp: 10312
Ion Ratio Lower Upper
97 100
99 54.2 50.5 75.7
61 43.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 51.917 ug/l

RT: 5.694 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU052758.D

Acq: 20 Jan 2023 13:22

Instrument :

MSVOA_U

ClientSampleId :

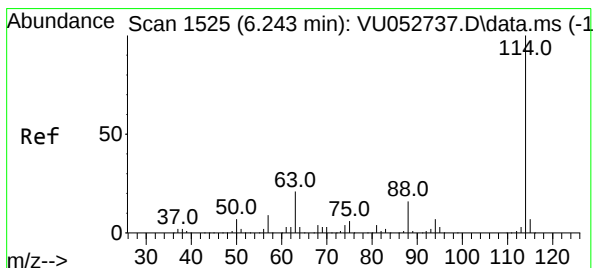
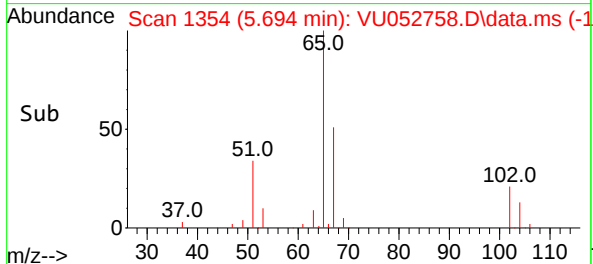
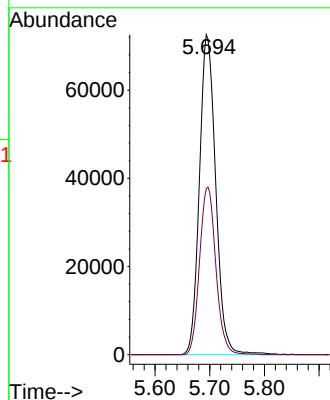
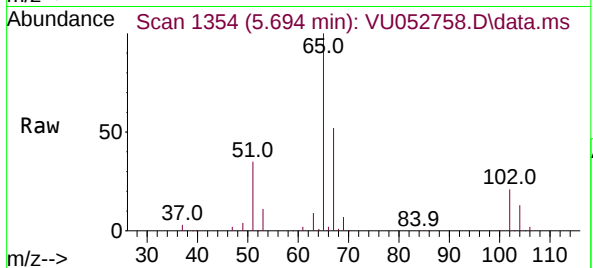
MDL06

Tgt Ion: 65 Resp: 150191

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.243 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VU052758.D

Acq: 20 Jan 2023 13:22

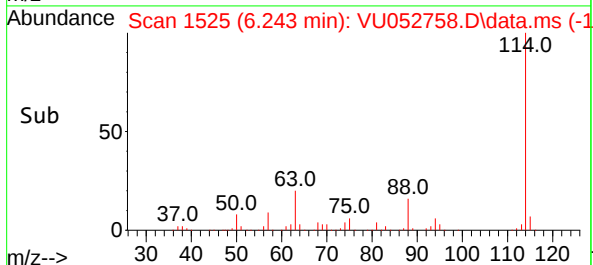
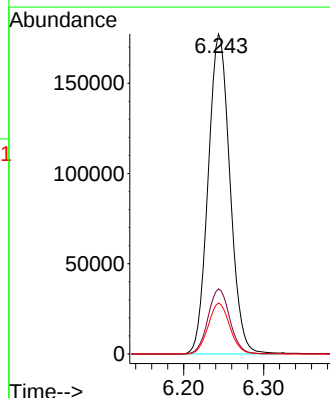
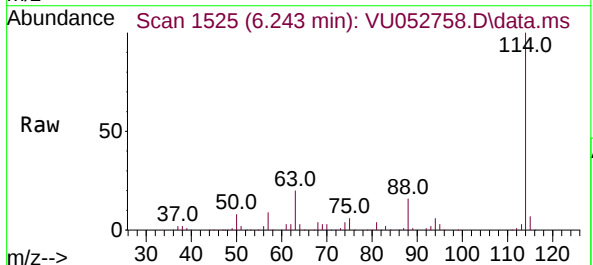
Tgt Ion: 114 Resp: 335765

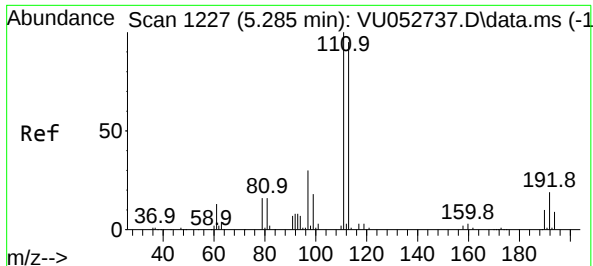
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.4

88 15.9 0.0 32.8

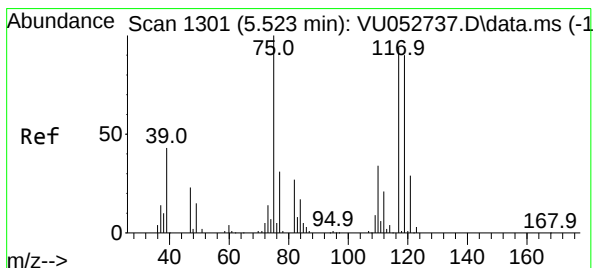
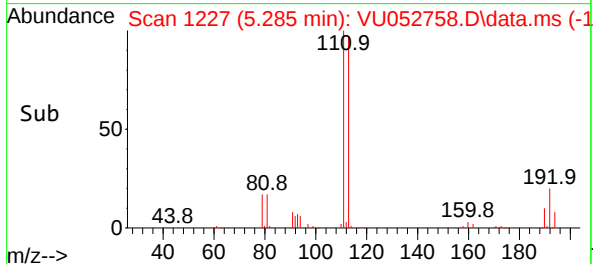
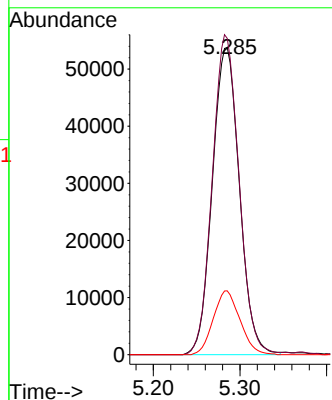
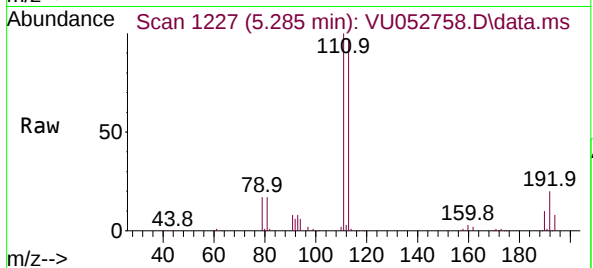




#35
Dibromofluoromethane
Concen: 49.964 ug/l
RT: 5.285 min Scan# 111
Delta R.T. 0.000 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

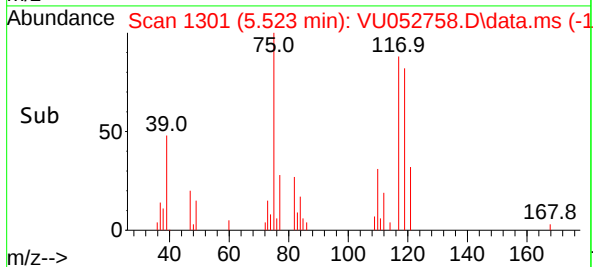
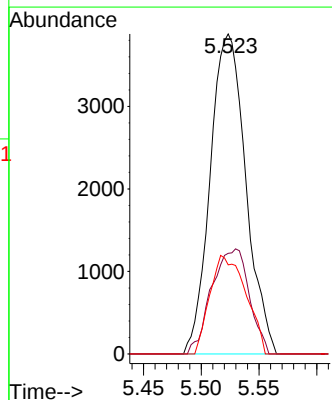
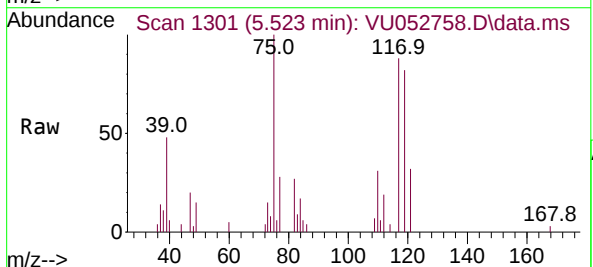
Instrument :
MSVOA_U
ClientSampleId :
MDL06

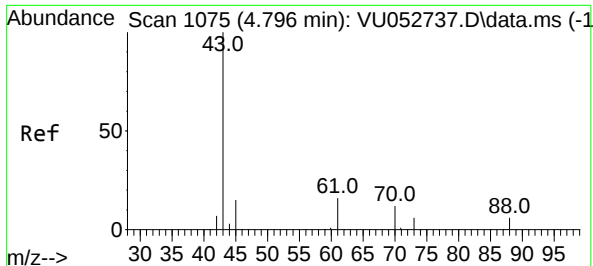
Tgt Ion:113 Resp: 116814
Ion Ratio Lower Upper
113 100
111 102.6 81.2 121.8
192 20.5 15.7 23.5



#36
1,1-Dichloropropene
Concen: 2.477 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

Tgt Ion: 75 Resp: 8308
Ion Ratio Lower Upper
75 100
110 34.6 17.1 51.2
77 31.1 25.0 37.4





#37

Ethyl Acetate

Concen: 2.208 ug/l

RT: 4.800 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU052758.D

Acq: 20 Jan 2023 13:22

Instrument :

MSVOA_U

ClientSampleId :

MDL06

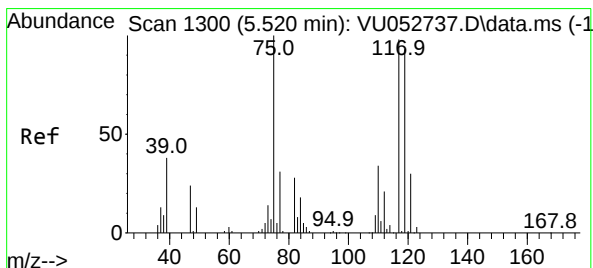
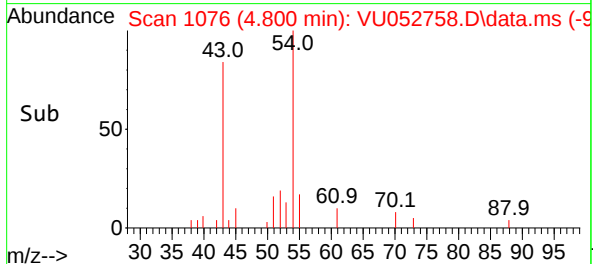
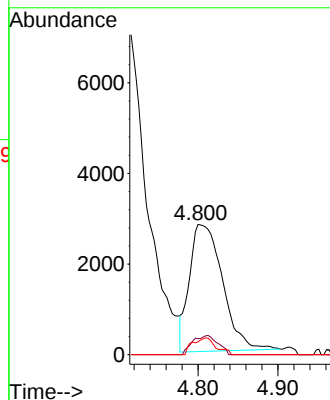
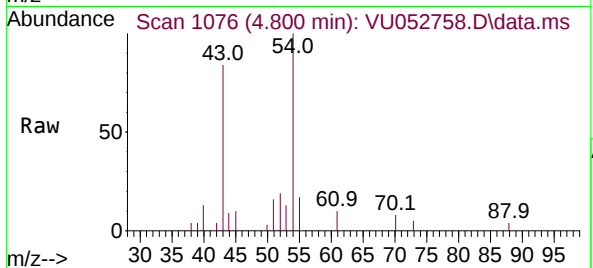
Tgt Ion: 43 Resp: 8051

Ion Ratio Lower Upper

43 100

61 11.5 12.2 18.4#

70 9.3 8.9 13.3



#38

Carbon Tetrachloride

Concen: 2.343 ug/l

RT: 5.517 min Scan# 1299

Delta R.T. -0.003 min

Lab File: VU052758.D

Acq: 20 Jan 2023 13:22

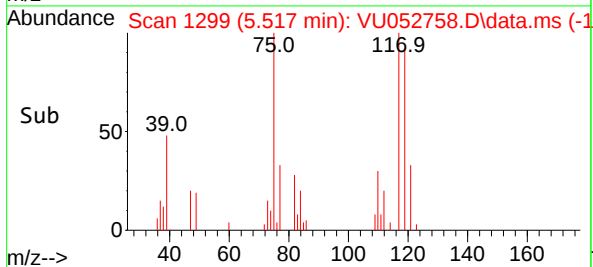
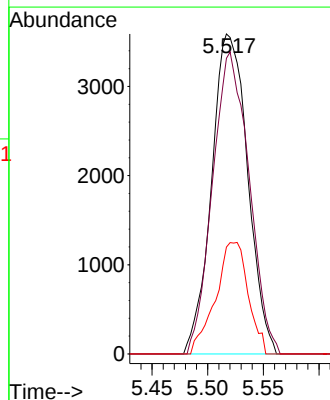
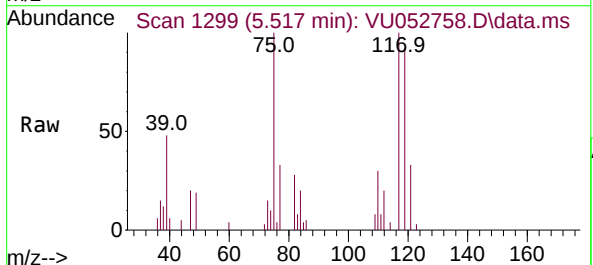
Tgt Ion: 117 Resp: 8087

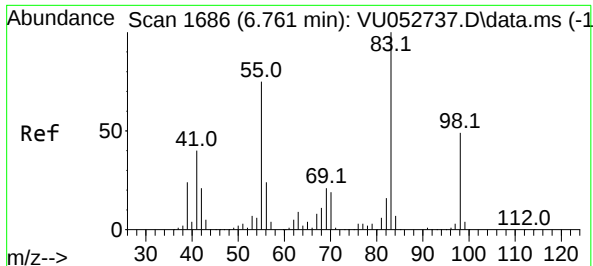
Ion Ratio Lower Upper

117 100

119 92.4 75.6 113.4

121 33.4 24.2 36.4





#39

Methylcyclohexane

Concen: 2.321 ug/l

RT: 6.761 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052758.D

Acq: 20 Jan 2023 13:22

Instrument :

MSVOA_U

ClientSampleId :

MDL06

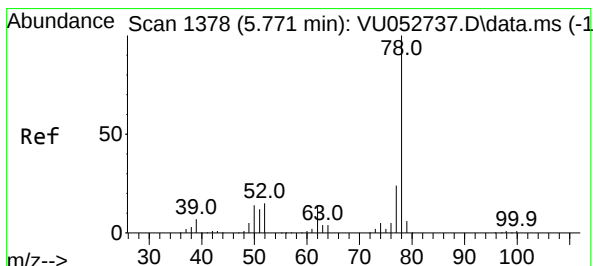
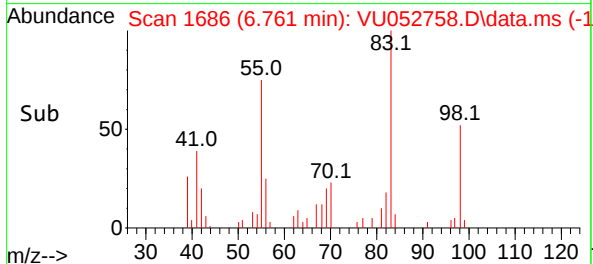
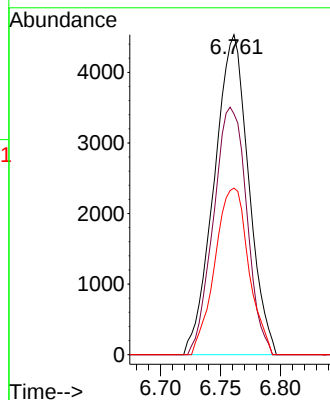
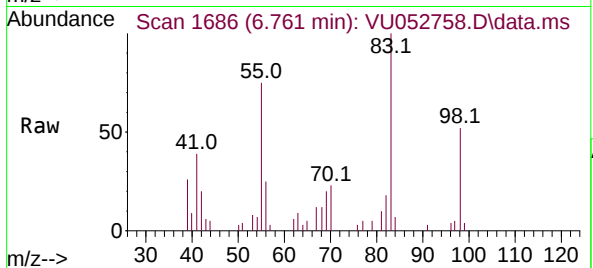
Tgt Ion: 83 Resp: 9059

Ion Ratio Lower Upper

83 100

55 75.3 60.4 90.6

98 52.1 38.9 58.3



#40

Benzene

Concen: 2.363 ug/l

RT: 5.768 min Scan# 1377

Delta R.T. -0.003 min

Lab File: VU052758.D

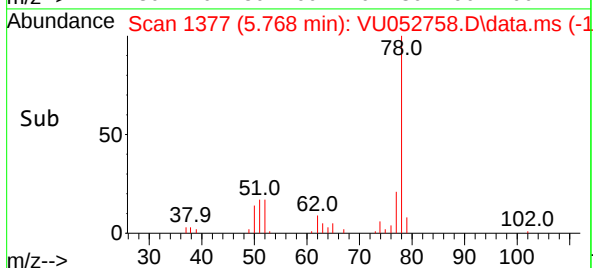
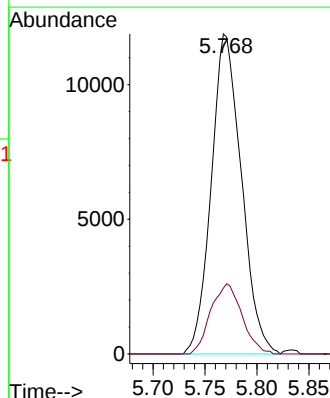
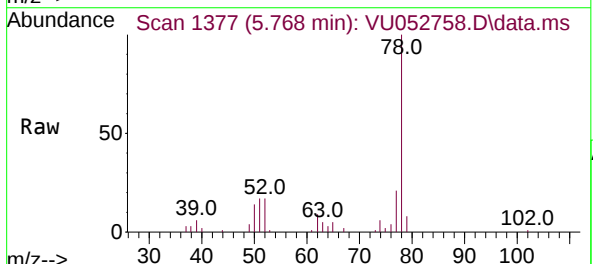
Acq: 20 Jan 2023 13:22

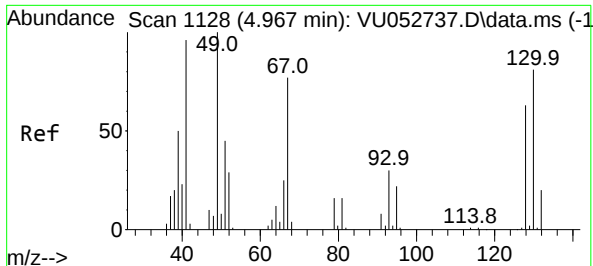
Tgt Ion: 78 Resp: 23940

Ion Ratio Lower Upper

78 100

77 20.6 18.9 28.3

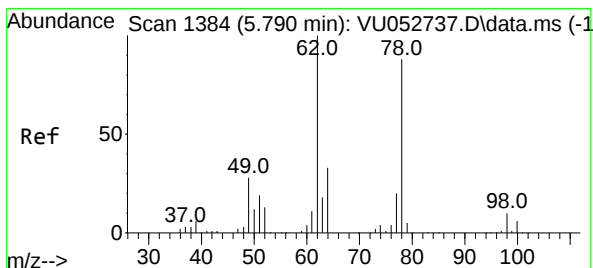
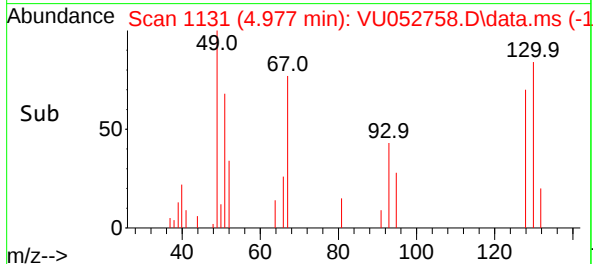
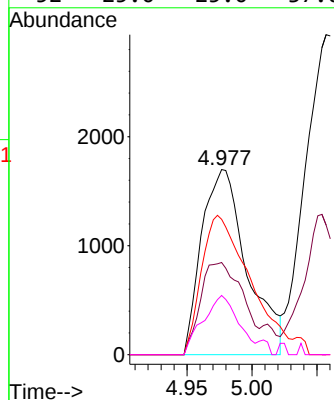
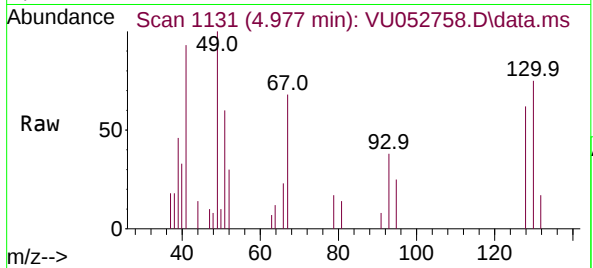




#41
Methacrylonitrile
Concen: 2.334 ug/l
RT: 4.977 min Scan# 1128
Delta R.T. 0.010 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

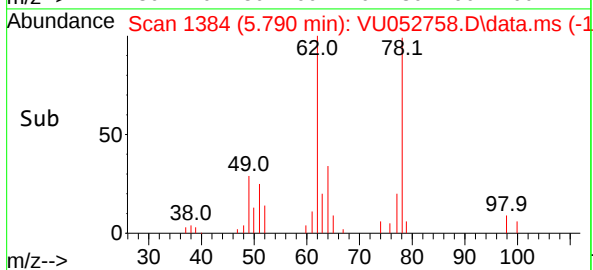
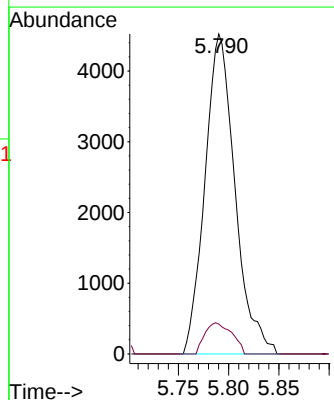
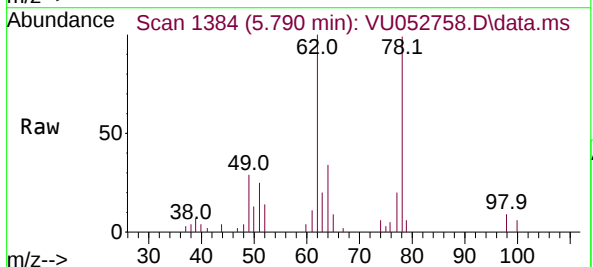
Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 41 Resp: 4118
Ion Ratio Lower Upper
41 100
39 47.0 42.2 63.2
67 80.7 65.0 97.6
52 25.0 25.0 37.6#



#42
1,2-Dichloroethane
Concen: 2.568 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

Tgt Ion: 62 Resp: 9393
Ion Ratio Lower Upper
62 100
98 8.8 0.0 19.0





#43

Isopropyl Acetate

Concen: 2.337 ug/l

RT: 5.909 min Scan# 1420

Delta R.T. 0.003 min

Lab File: VU052758.D

Acq: 20 Jan 2023 13:22

Instrument :

MSVOA_U

ClientSampleId :

MDL06

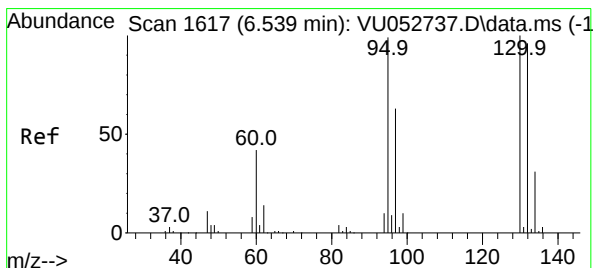
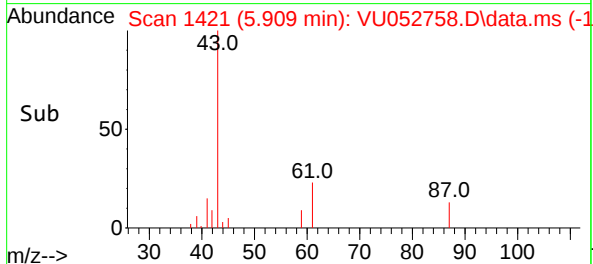
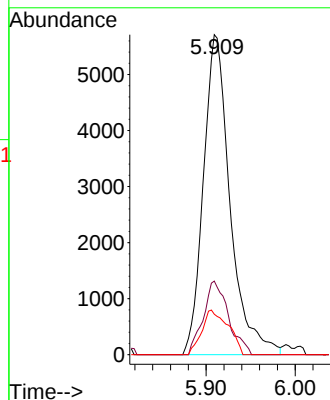
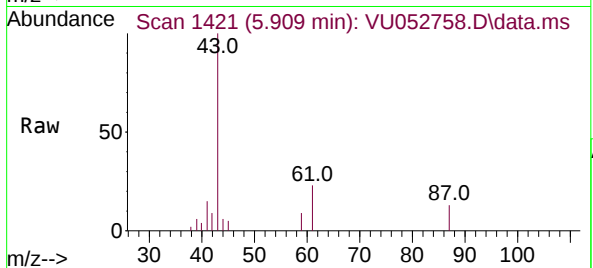
Tgt Ion: 43 Resp: 11878

Ion Ratio Lower Upper

43 100

61 21.6 18.1 27.1

87 13.8 11.7 17.5



#44

Trichloroethene

Concen: 2.420 ug/l

RT: 6.536 min Scan# 1616

Delta R.T. -0.003 min

Lab File: VU052758.D

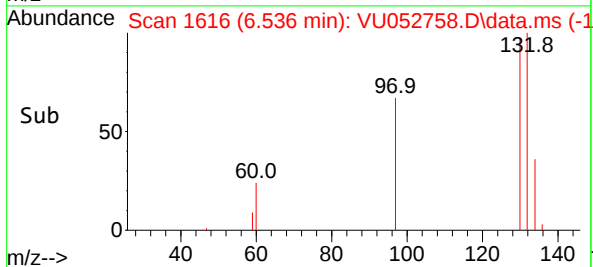
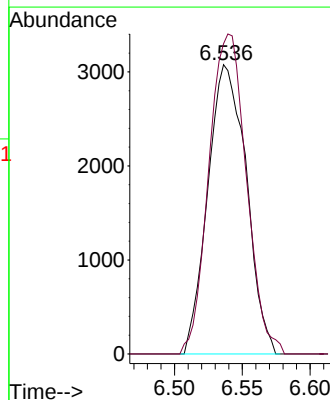
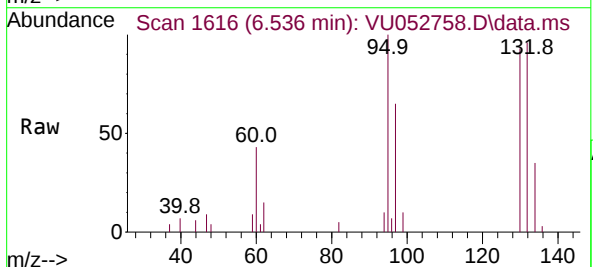
Acq: 20 Jan 2023 13:22

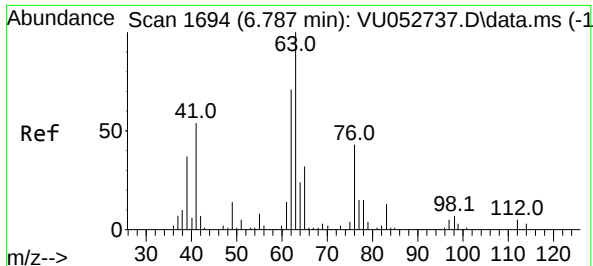
Tgt Ion:130 Resp: 6062

Ion Ratio Lower Upper

130 100

95 107.2 0.0 198.2





#45

1,2-Dichloropropane

Concen: 2.521 ug/l

RT: 6.787 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052758.D

Acq: 20 Jan 2023 13:22

Instrument :

MSVOA_U

ClientSampleId :

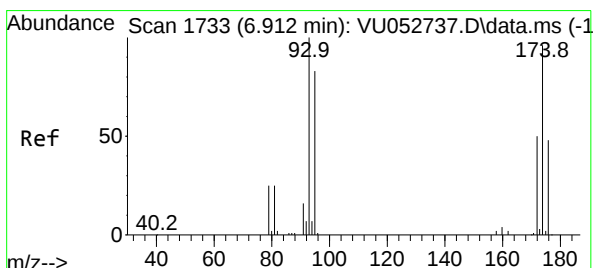
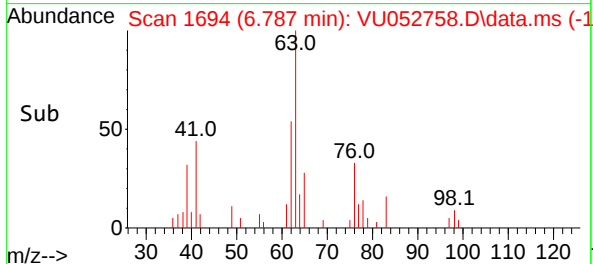
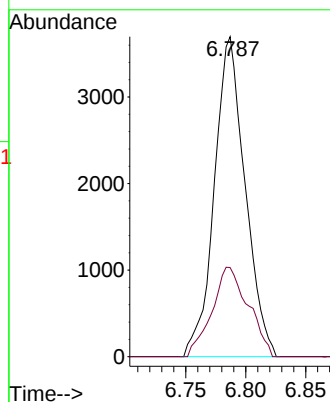
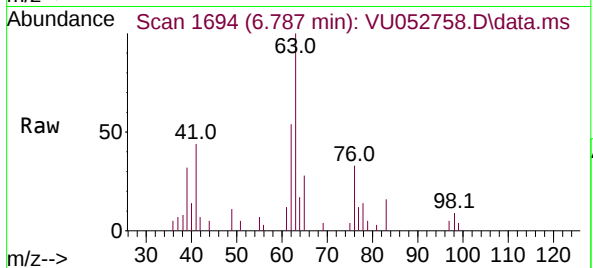
MDL06

Tgt Ion: 63 Resp: 6586

Ion Ratio Lower Upper

63 100

65 27.9 26.0 39.0



#46

Dibromomethane

Concen: 2.608 ug/l

RT: 6.915 min Scan# 1734

Delta R.T. 0.003 min

Lab File: VU052758.D

Acq: 20 Jan 2023 13:22

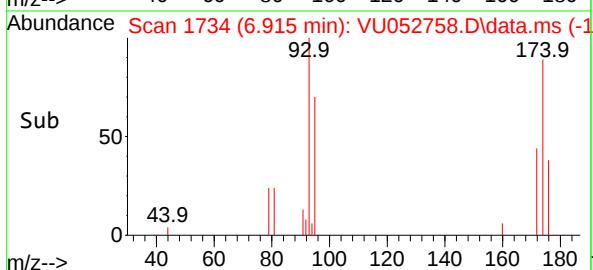
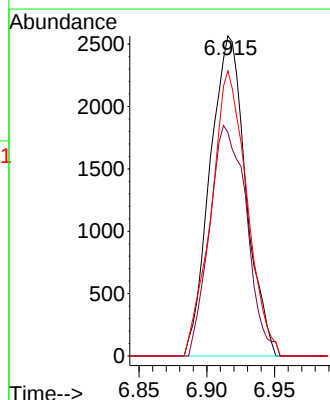
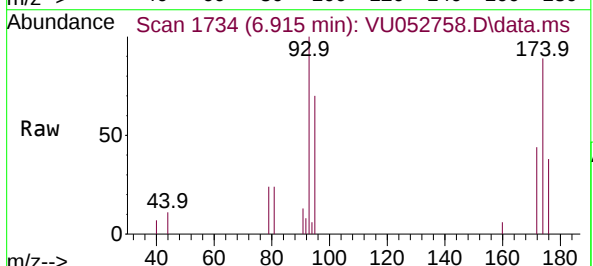
Tgt Ion: 93 Resp: 4718

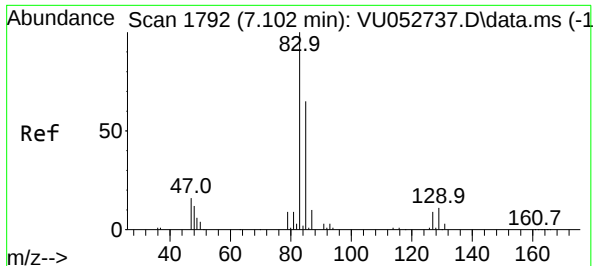
Ion Ratio Lower Upper

93 100

95 74.4 66.6 99.8

174 88.6 78.6 117.8

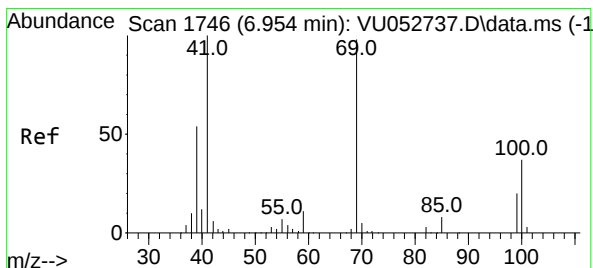
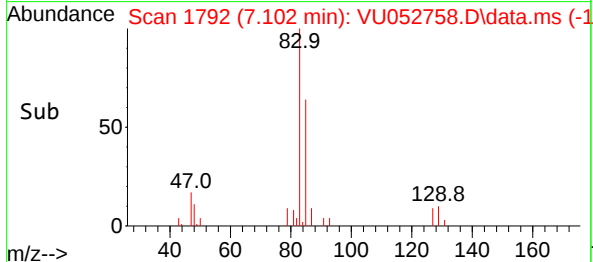
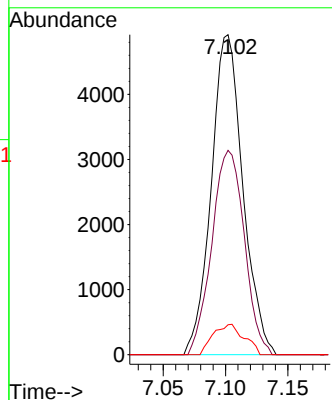
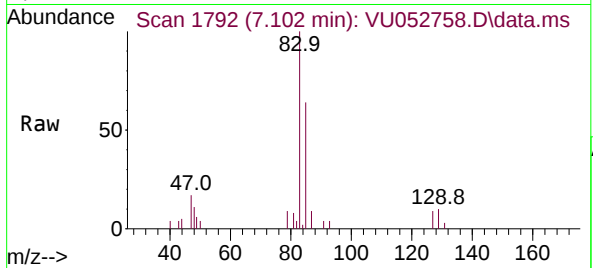




#47
Bromodichloromethane
Concen: 2.401 ug/l
RT: 7.102 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

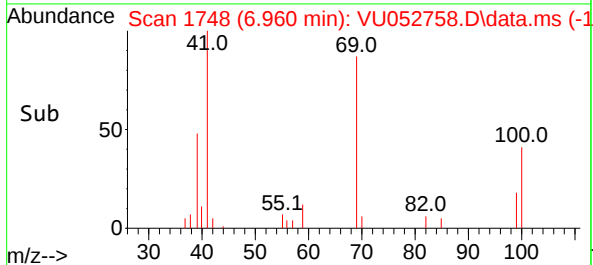
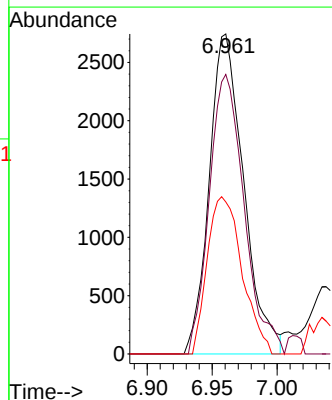
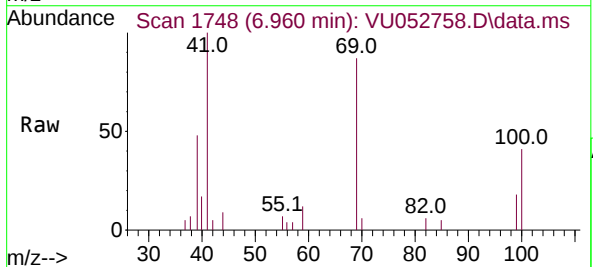
Instrument :
MSVOA_U
ClientSampleId :
MDL06

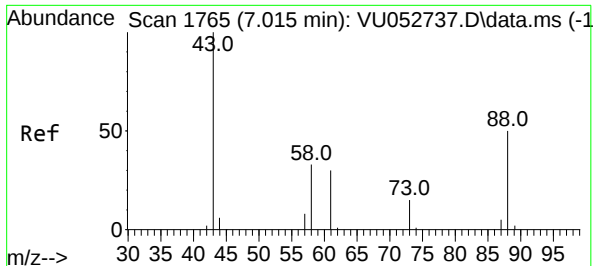
Tgt Ion: 83 Resp: 8693
Ion Ratio Lower Upper
83 100
85 63.9 51.6 77.4
127 9.4 6.9 10.3



#48
Methyl methacrylate
Concen: 2.187 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. 0.006 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

Tgt Ion: 41 Resp: 5065
Ion Ratio Lower Upper
41 100
69 88.3 77.2 115.8
39 49.7 42.9 64.3





#49

1,4-Dioxane

Concen: 53.476 ug/l

RT: 7.009 min Scan# 1

Delta R.T. -0.006 min

Lab File: VU052758.D

Acq: 20 Jan 2023 13:22

Instrument :

MSVOA_U

ClientSampleId :

MDL06

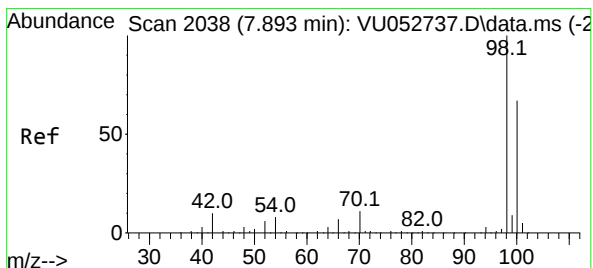
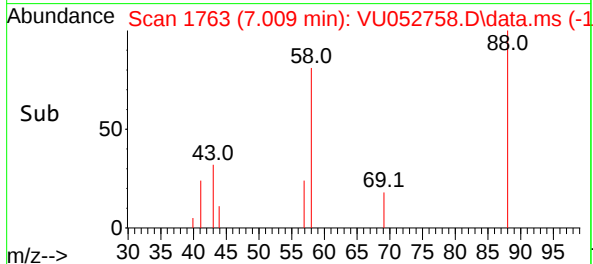
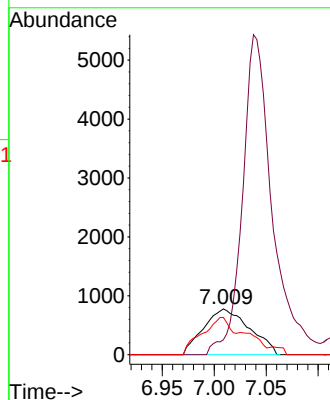
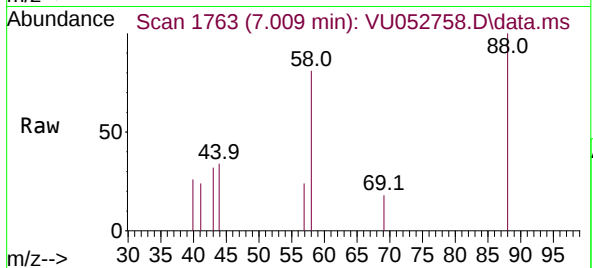
Tgt Ion: 88 Resp: 2400

Ion Ratio Lower Upper

88 100

43 0.0 374.7 562.1#

58 52.8 59.2 88.8#



#50

Toluene-d8

Concen: 47.944 ug/l

RT: 7.893 min Scan# 2038

Delta R.T. 0.000 min

Lab File: VU052758.D

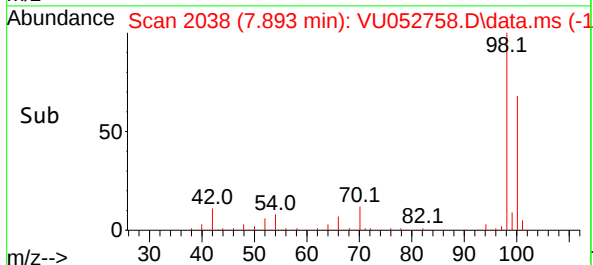
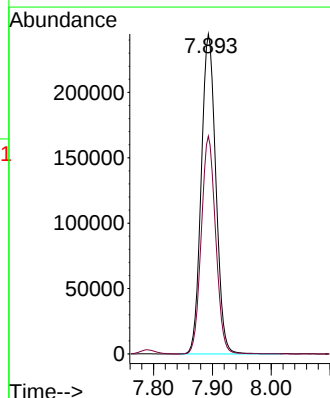
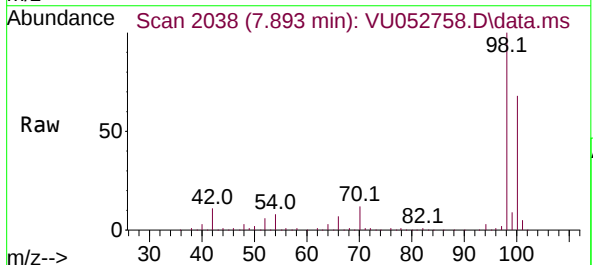
Acq: 20 Jan 2023 13:22

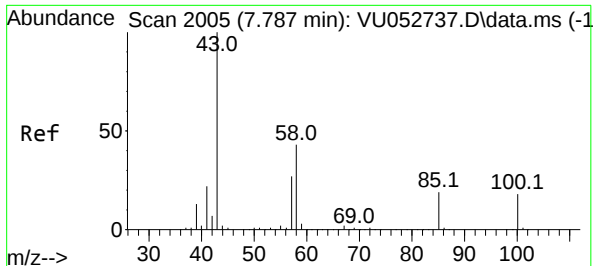
Tgt Ion: 98 Resp: 420368

Ion Ratio Lower Upper

98 100

100 67.1 53.7 80.5





#51

4-Methyl-2-Pentanone

Concen: 11.136 ug/l

RT: 7.787 min Scan# 2005

Delta R.T. 0.000 min

Lab File: VU052758.D

Acq: 20 Jan 2023 13:22

Instrument :

MSVOA_U

ClientSampleId :

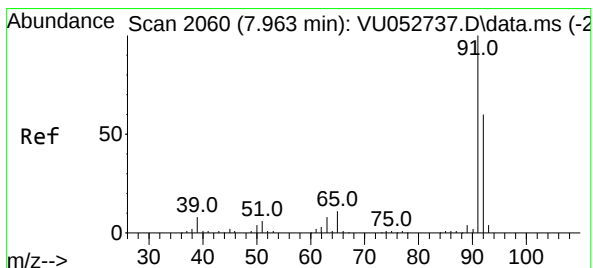
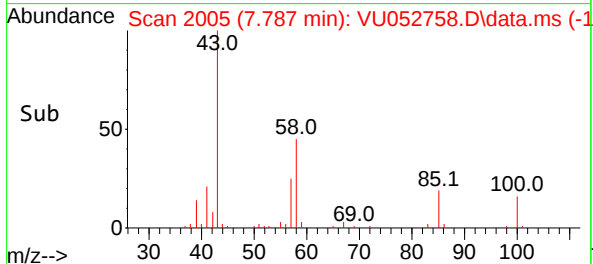
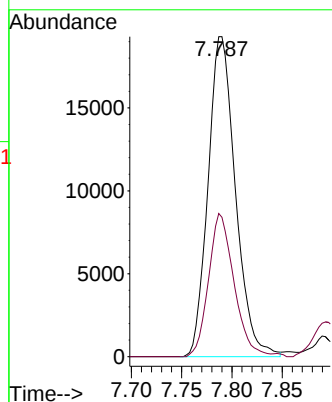
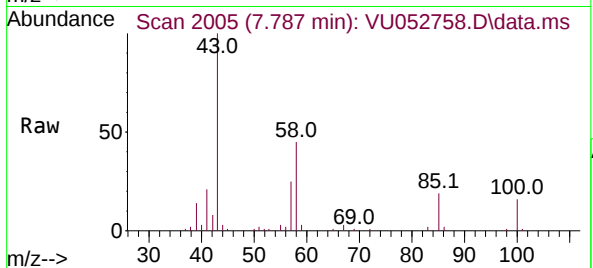
MDL06

Tgt Ion: 43 Resp: 36632

Ion Ratio Lower Upper

43 100

58 41.4 34.6 52.0



#52

Toluene

Concen: 2.516 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU052758.D

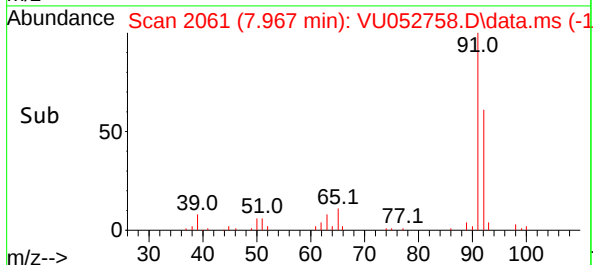
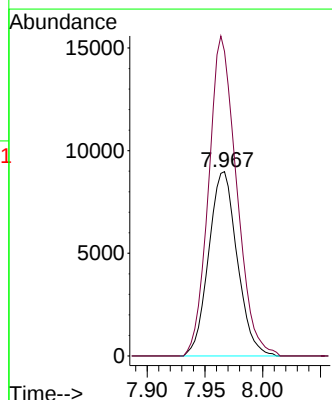
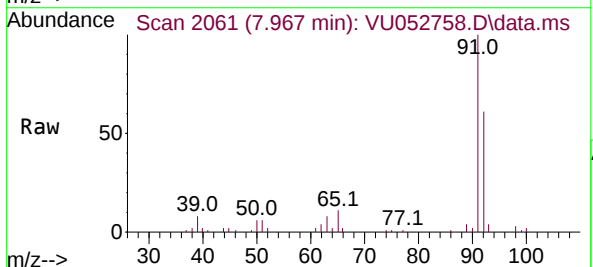
Acq: 20 Jan 2023 13:22

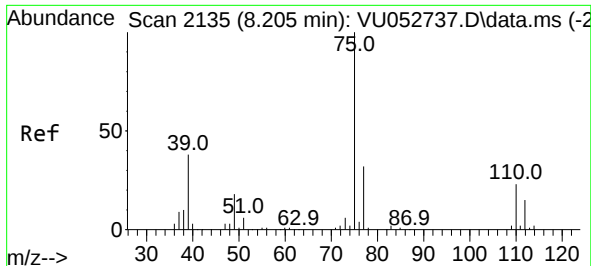
Tgt Ion: 92 Resp: 15413

Ion Ratio Lower Upper

92 100

91 170.3 134.9 202.3





#53

t-1,3-Dichloropropene

Concen: 2.357 ug/l

RT: 8.208 min Scan# 2135

Delta R.T. 0.003 min

Lab File: VU052758.D

Acq: 20 Jan 2023 13:22

Instrument :

MSVOA_U

ClientSampleId :

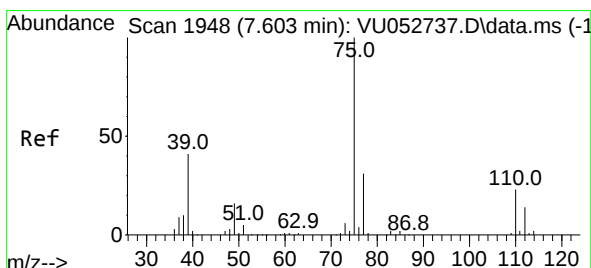
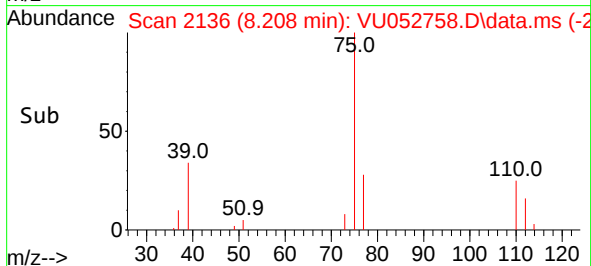
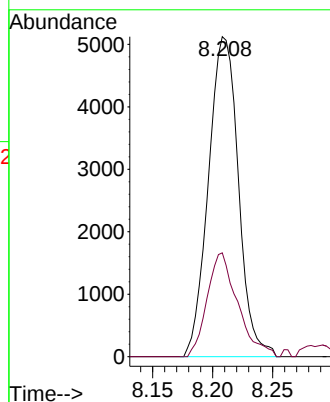
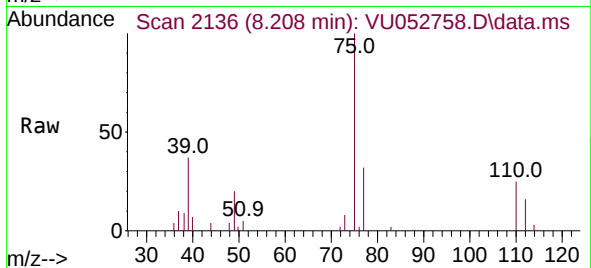
MDL06

Tgt Ion: 75 Resp: 8913

Ion Ratio Lower Upper

75 100

77 32.5 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 2.215 ug/l

RT: 7.604 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VU052758.D

Acq: 20 Jan 2023 13:22

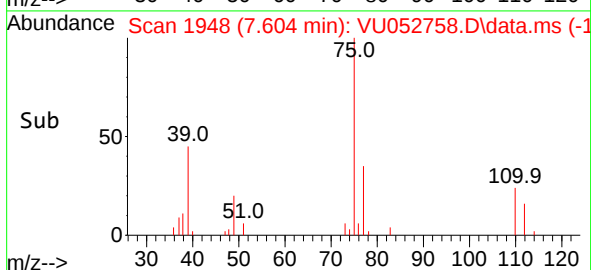
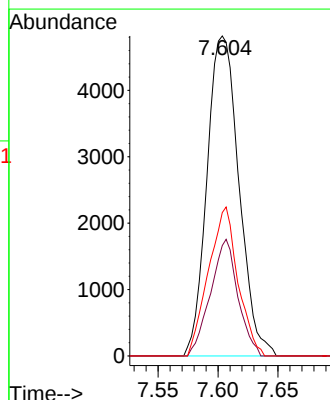
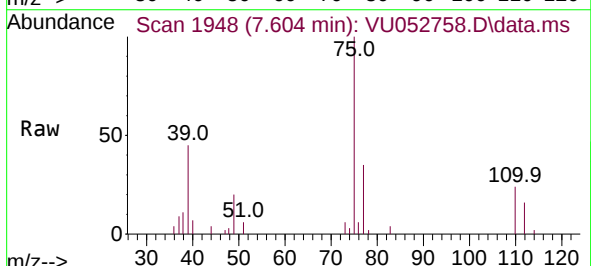
Tgt Ion: 75 Resp: 8933

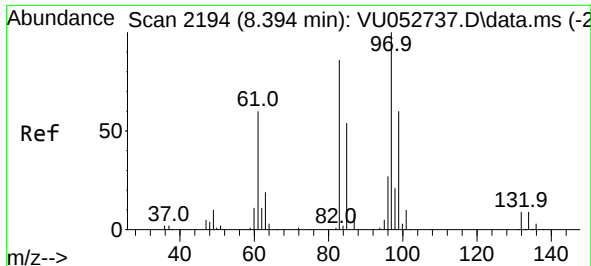
Ion Ratio Lower Upper

75 100

77 34.5 25.0 37.6

39 44.8 32.9 49.3

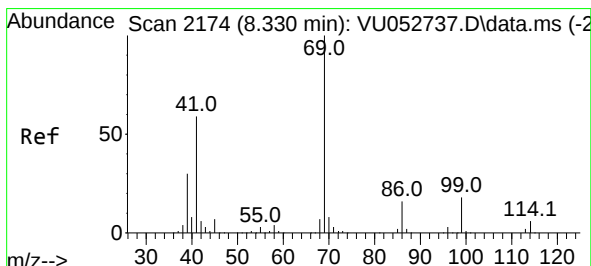
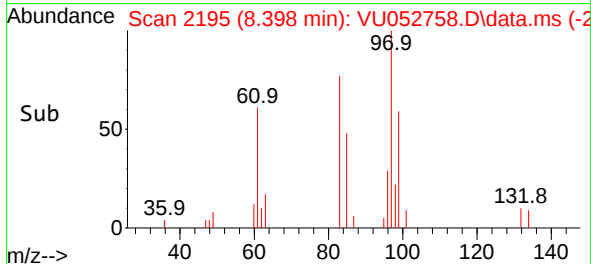
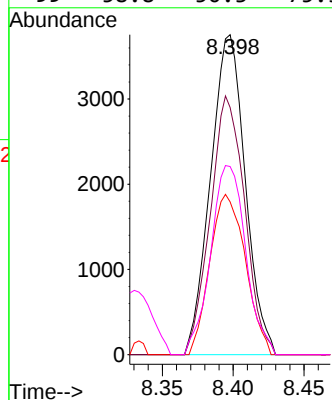
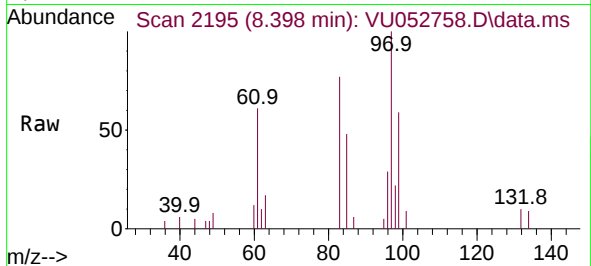




#55
1,1,2-Trichloroethane
Concen: 2.560 ug/l
RT: 8.398 min Scan# 2195
Delta R.T. 0.004 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

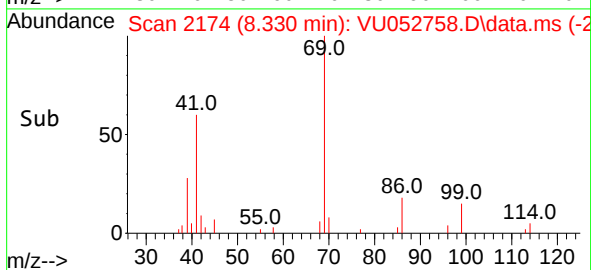
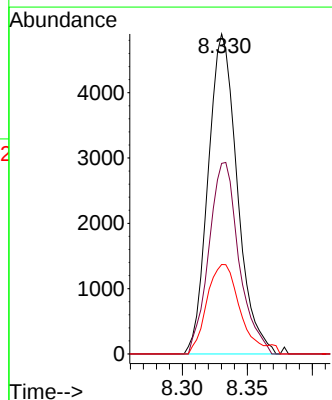
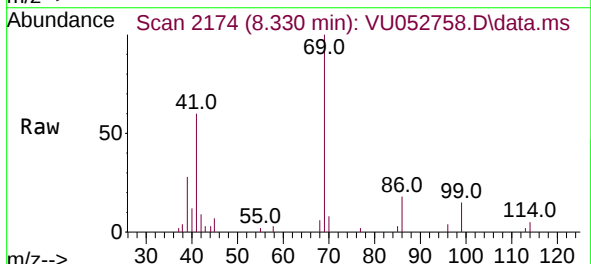
Instrument :
MSVOA_U
ClientSampleId :
MDL06

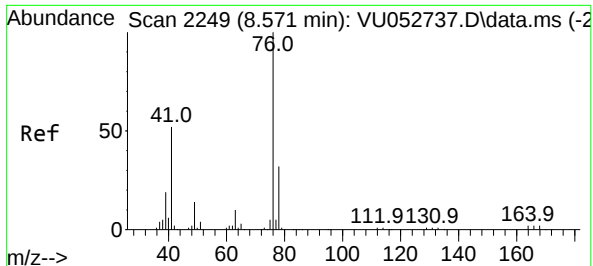
Tgt Ion:	97	Resp:	6402
Ion	Ratio	Lower	Upper
97	100		
83	77.2	69.2	103.8
85	47.7	43.8	65.8
99	58.8	50.3	75.5



#56
Ethyl methacrylate
Concen: 2.169 ug/l
RT: 8.330 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

Tgt Ion:	69	Resp:	7637
Ion	Ratio	Lower	Upper
69	100		
41	61.7	47.6	71.4
39	32.1	24.3	36.5

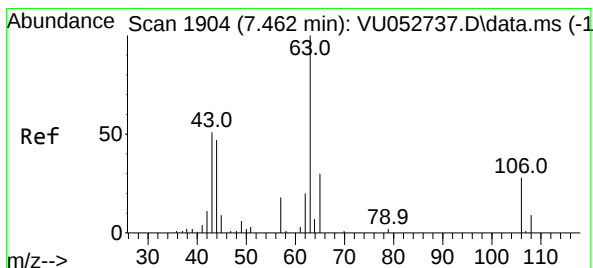
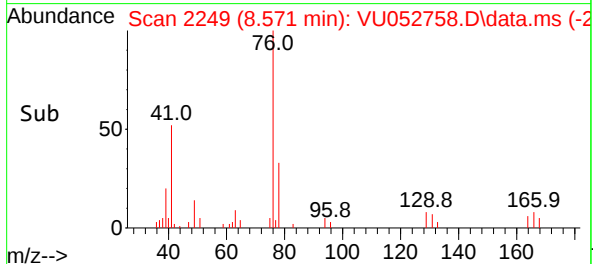
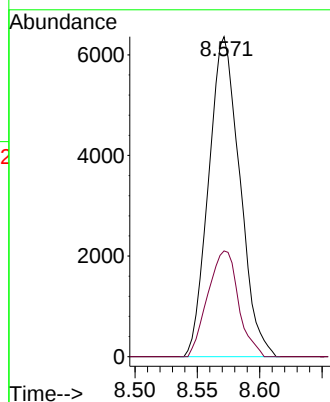
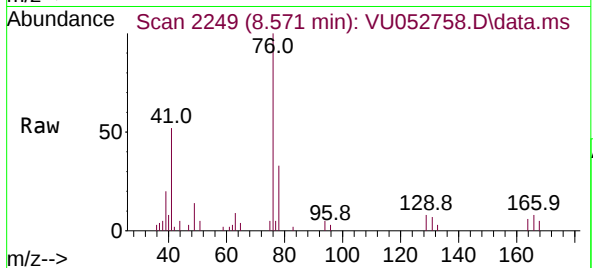




#57
 1,3-Dichloropropane
 Concen: 2.523 ug/l
 RT: 8.571 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU052758.D
 Acq: 20 Jan 2023 13:22

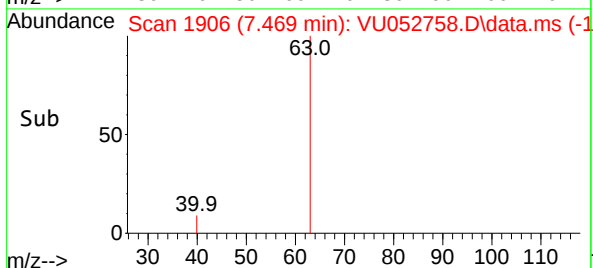
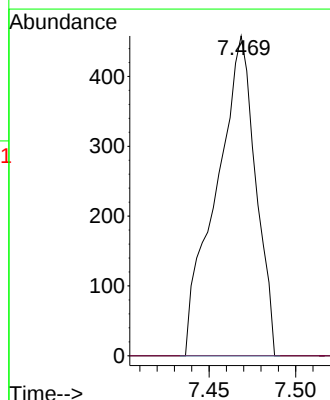
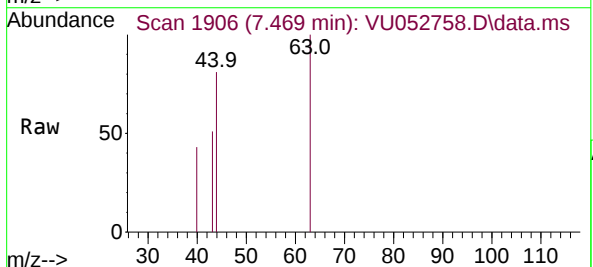
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

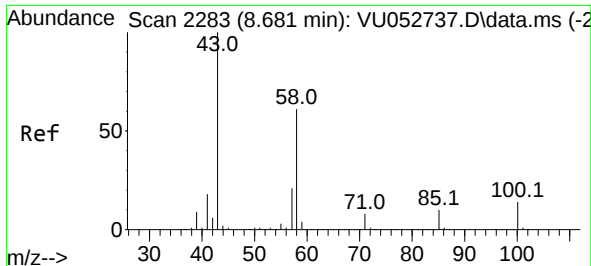
Tgt Ion: 76 Resp: 11064
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 6.782 ug/l
 RT: 7.469 min Scan# 1906
 Delta R.T. 0.007 min
 Lab File: VU052758.D
 Acq: 20 Jan 2023 13:22

Tgt Ion: 63 Resp: 725
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.2 34.8#





#59

2-Hexanone

Concen: 10.955 ug/l

RT: 8.684 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU052758.D

Acq: 20 Jan 2023 13:22

Instrument :

MSVOA_U

ClientSampleId :

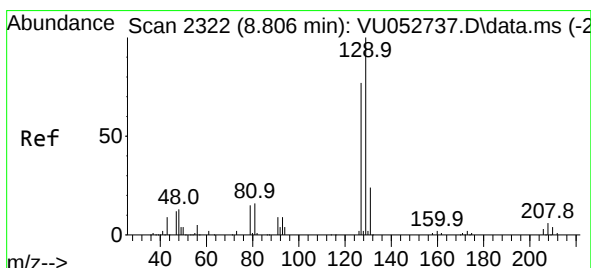
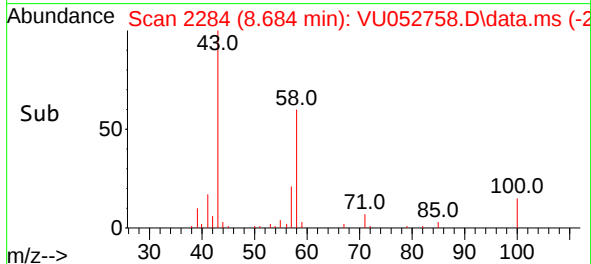
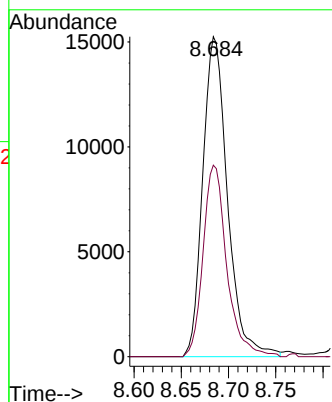
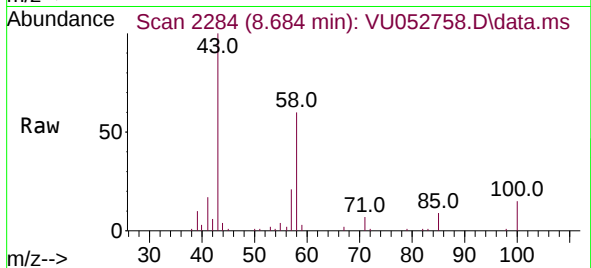
MDL06

Tgt Ion: 43 Resp: 27762

Ion Ratio Lower Upper

43 100

58 57.3 29.8 89.5



#60

Dibromochloromethane

Concen: 2.285 ug/l

RT: 8.806 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VU052758.D

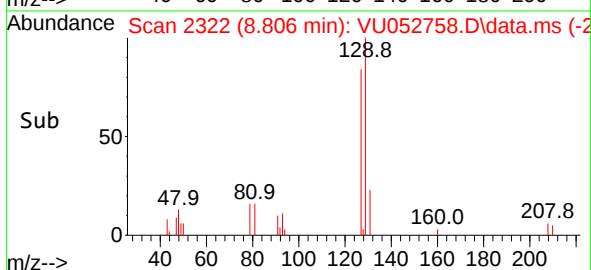
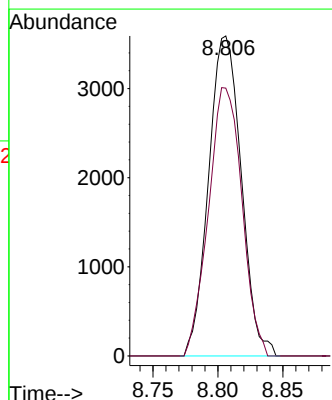
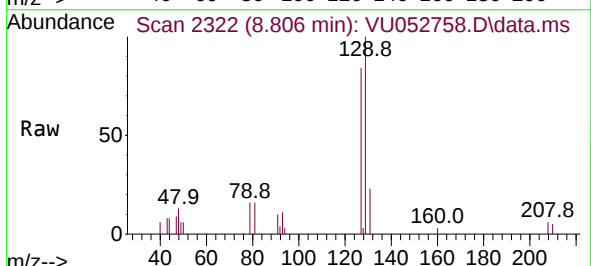
Acq: 20 Jan 2023 13:22

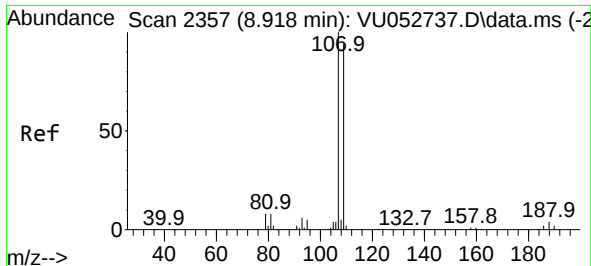
Tgt Ion: 129 Resp: 6275

Ion Ratio Lower Upper

129 100

127 85.8 39.1 117.2

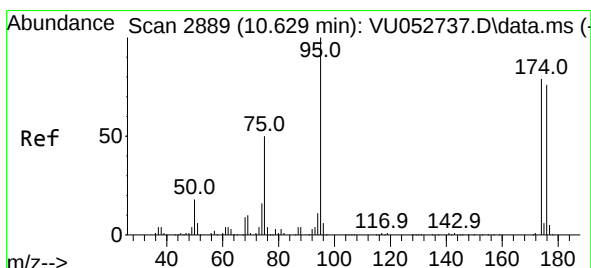
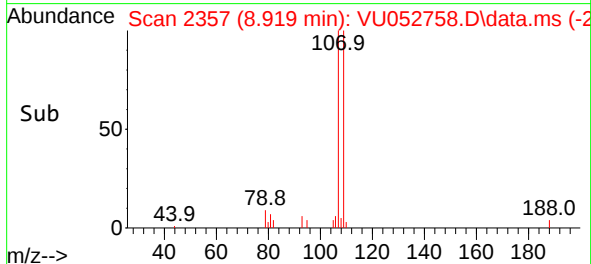
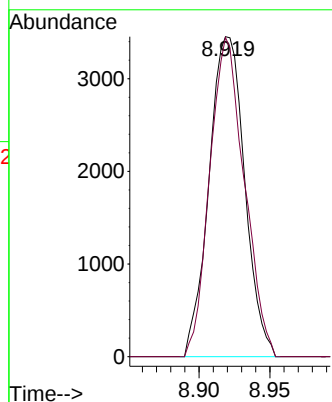
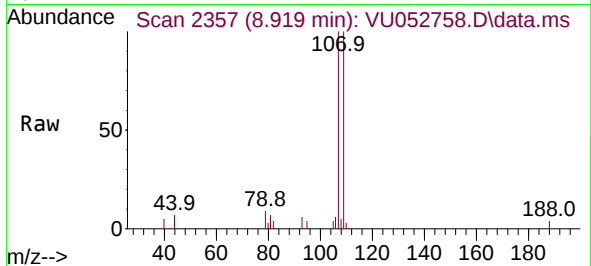




#61
1,2-Dibromoethane
Concen: 2.303 ug/l
RT: 8.919 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

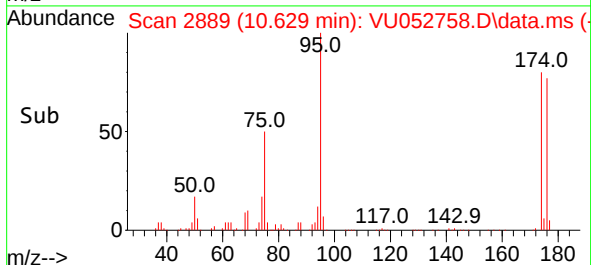
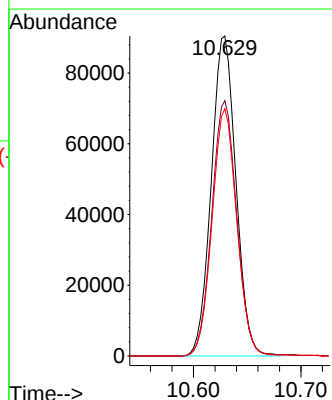
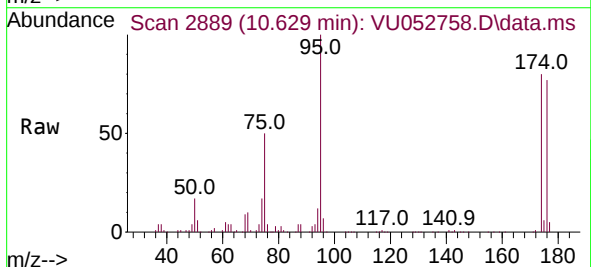
Instrument :
MSVOA_U
ClientSampleId :
MDL06

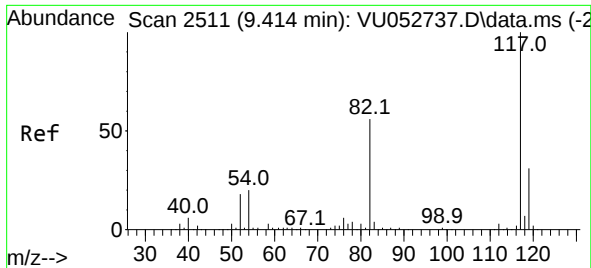
Tgt Ion:107 Resp: 6047
Ion Ratio Lower Upper
107 100
109 96.8 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 44.989 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.000 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

Tgt Ion: 95 Resp: 144091
Ion Ratio Lower Upper
95 100
174 81.1 0.0 158.6
176 77.3 0.0 150.6

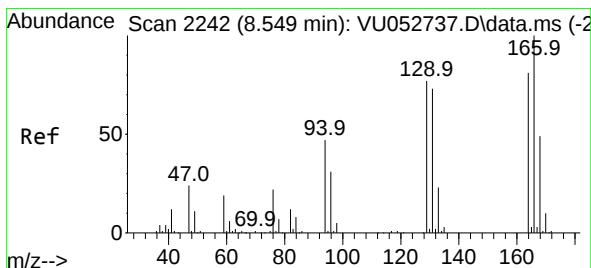
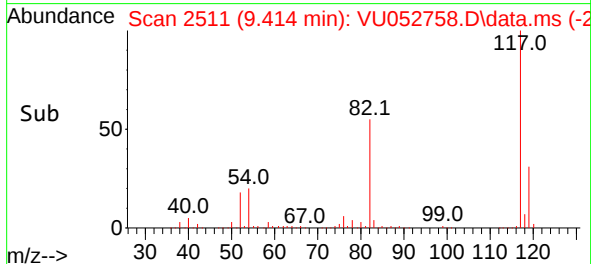
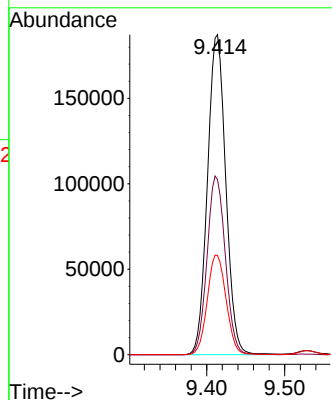
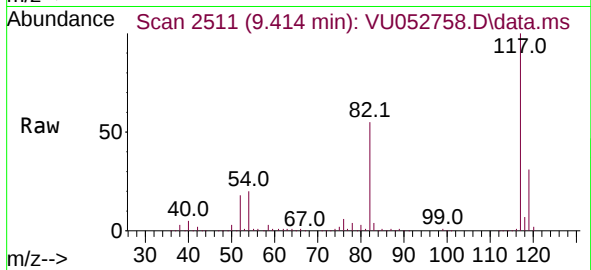




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

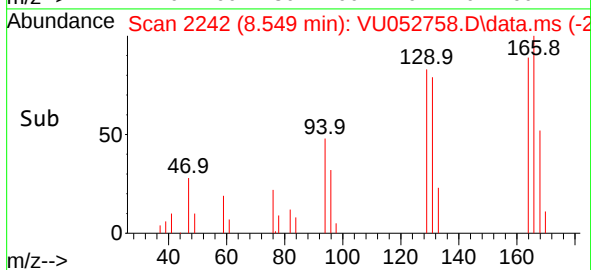
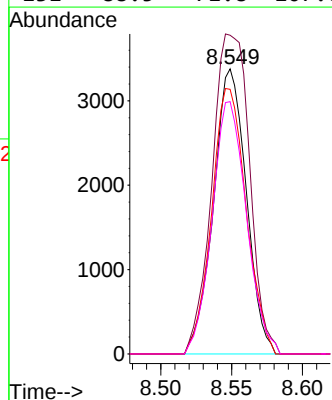
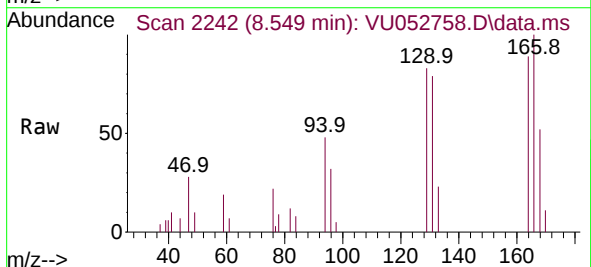
Instrument :
MSVOA_U
ClientSampleId :
MDL06

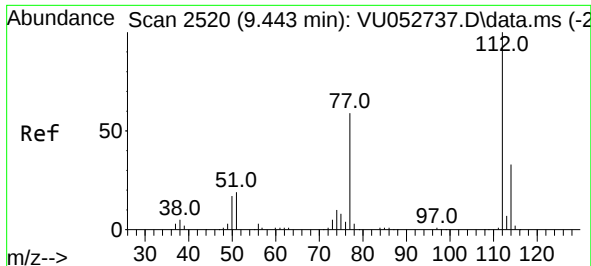
Tgt Ion:117 Resp: 305400
Ion Ratio Lower Upper
117 100
82 54.8 44.7 67.1
119 31.0 25.0 37.6



#64
Tetrachloroethene
Concen: 2.564 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

Tgt Ion:164 Resp: 5439
Ion Ratio Lower Upper
164 100
166 111.8 98.9 148.3
129 92.8 76.0 114.0
131 88.5 71.8 107.6

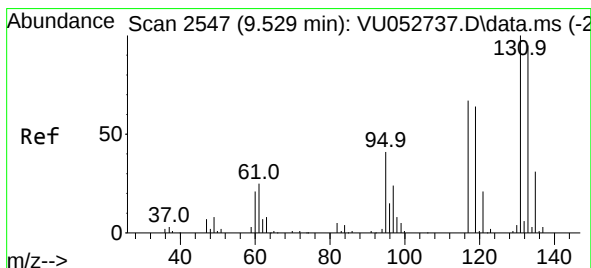
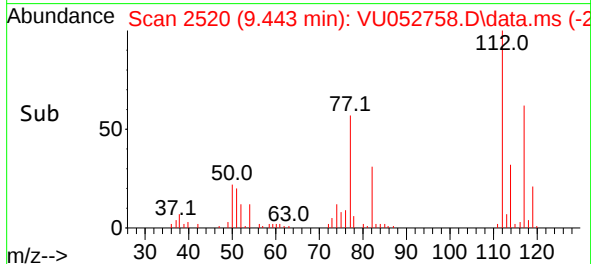
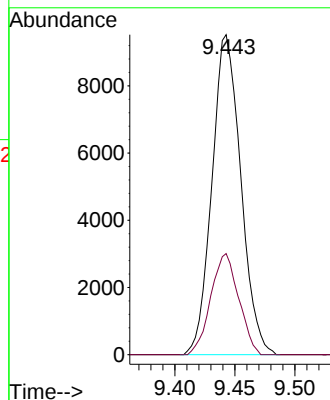
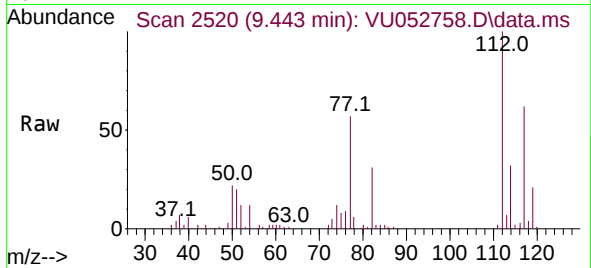




#65
Chlorobenzene
Concen: 2.461 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

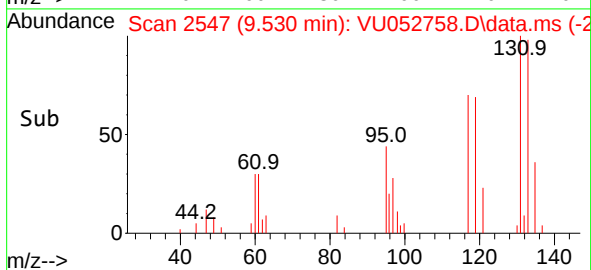
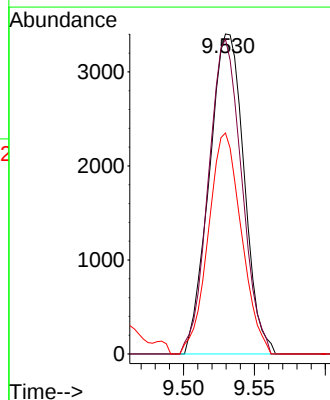
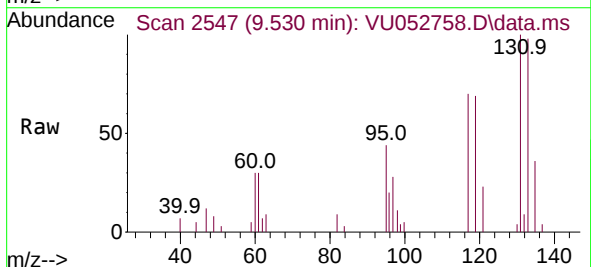
Instrument :
MSVOA_U
ClientSampleId :
MDL06

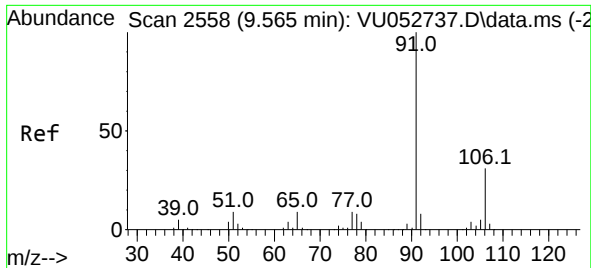
Tgt Ion:112 Resp: 15904
Ion Ratio Lower Upper
112 100
114 31.6 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 2.402 ug/l
RT: 9.530 min Scan# 2547
Delta R.T. 0.000 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

Tgt Ion:131 Resp: 5820
Ion Ratio Lower Upper
131 100
133 93.8 48.4 145.0
119 65.7 32.1 96.3





#67

Ethyl Benzene

Concen: 2.315 ug/l

RT: 9.565 min Scan# 2558

Delta R.T. 0.000 min

Lab File: VU052758.D

Acq: 20 Jan 2023 13:22

Instrument :

MSVOA_U

ClientSampleId :

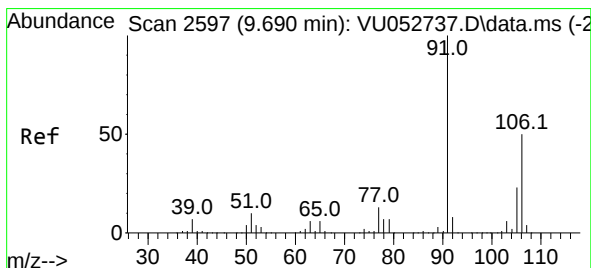
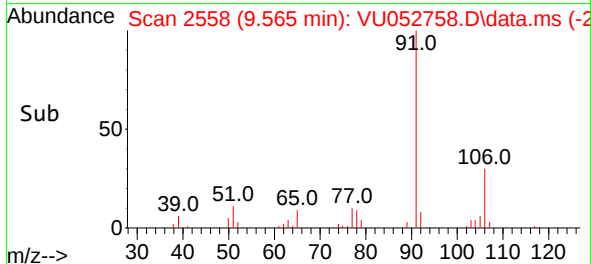
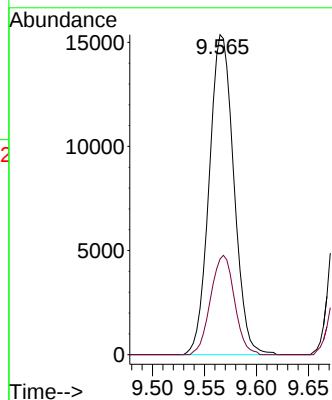
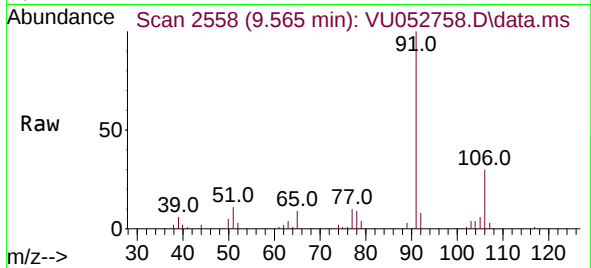
MDL06

Tgt Ion: 91 Resp: 25287

Ion Ratio Lower Upper

91 100

106 29.9 24.6 37.0



#68

m/p-Xylenes

Concen: 4.498 ug/l

RT: 9.690 min Scan# 2597

Delta R.T. 0.000 min

Lab File: VU052758.D

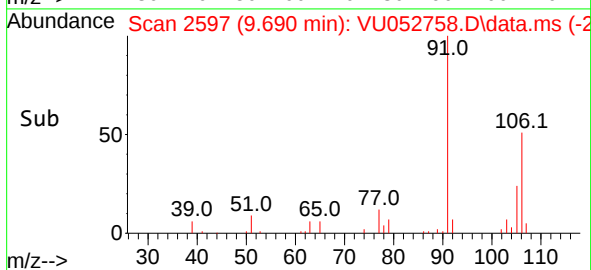
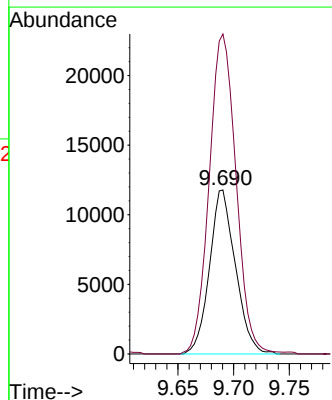
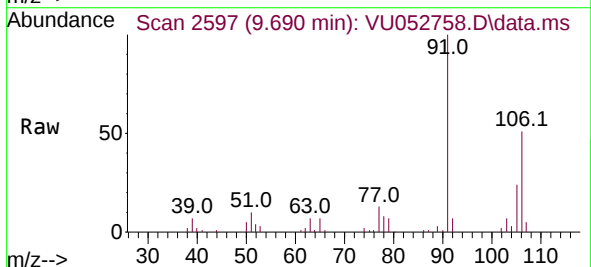
Acq: 20 Jan 2023 13:22

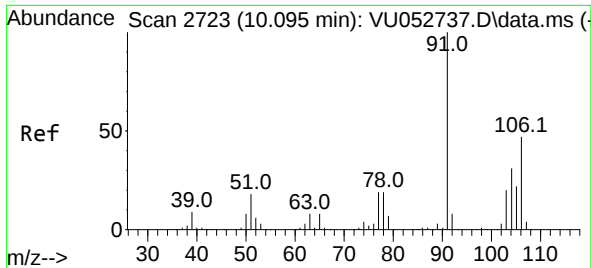
Tgt Ion: 106 Resp: 19078

Ion Ratio Lower Upper

106 100

91 202.3 160.8 241.2

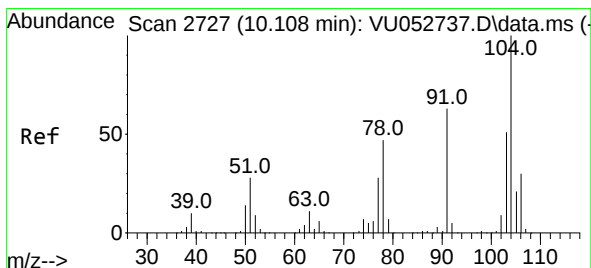
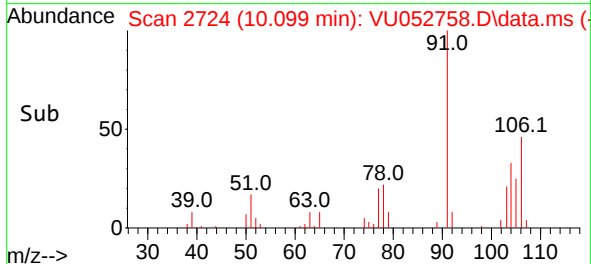
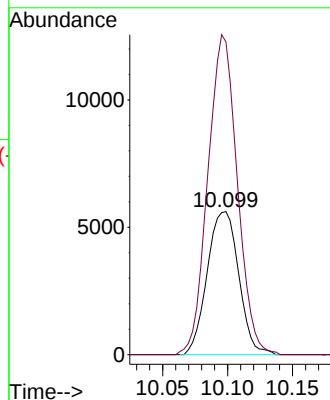
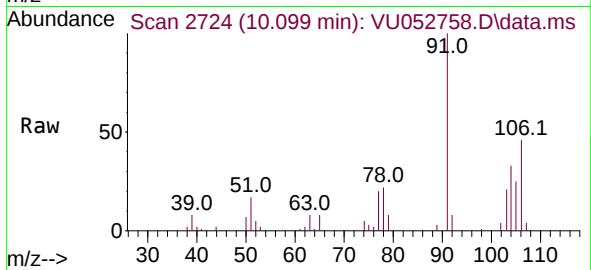




#69
o-Xylene
Concen: 2.341 ug/l
RT: 10.099 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

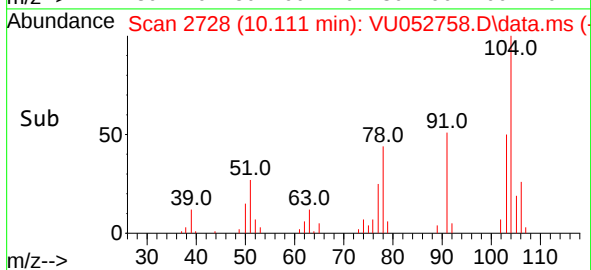
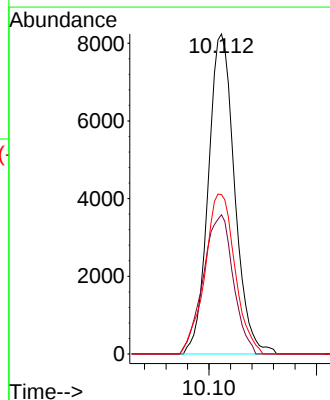
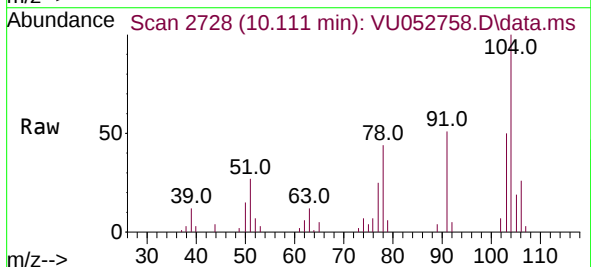
Instrument :
MSVOA_U
ClientSampleId :
MDL06

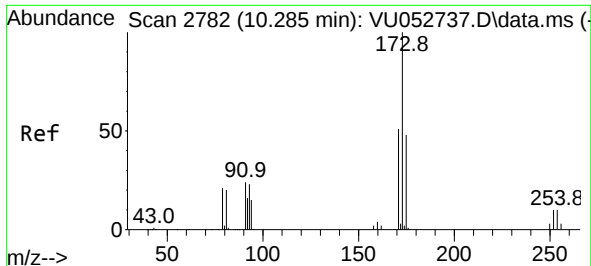
Tgt Ion:106 Resp: 9478
Ion Ratio Lower Upper
106 100
91 208.9 107.9 323.7



#70
Styrene
Concen: 2.106 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.003 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

Tgt Ion:104 Resp: 13986
Ion Ratio Lower Upper
104 100
78 49.6 39.9 59.9
103 57.2 43.4 65.2

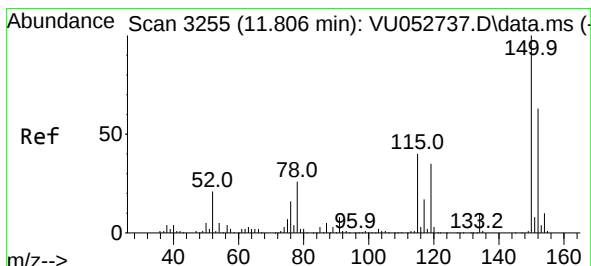
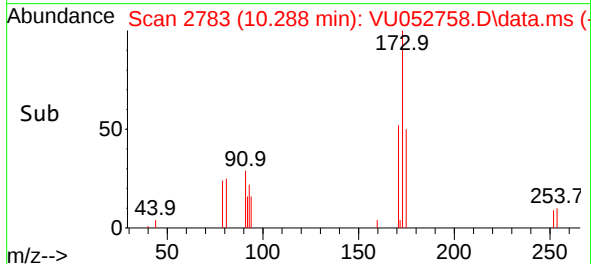
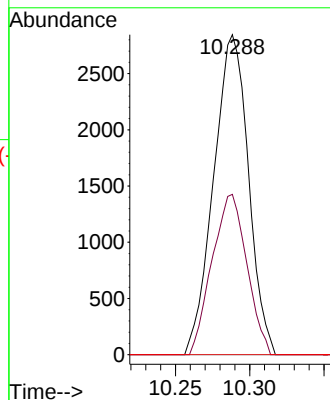
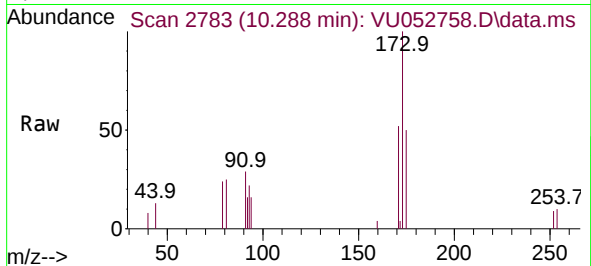




#71
Bromoform
Concen: 2.288 ug/l
RT: 10.288 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

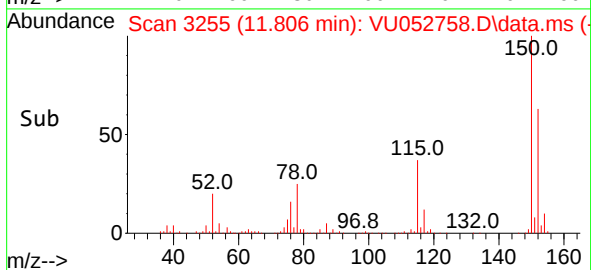
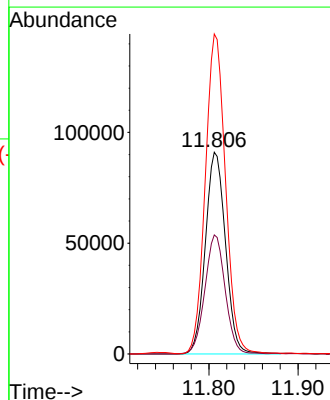
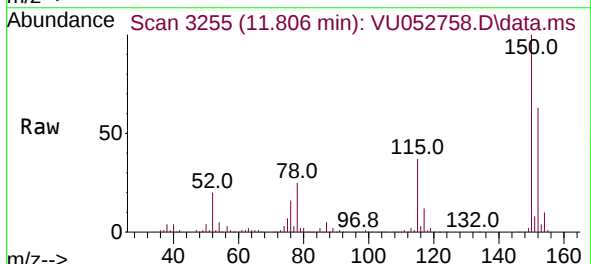
Instrument :
MSVOA_U
ClientSampleId :
MDL06

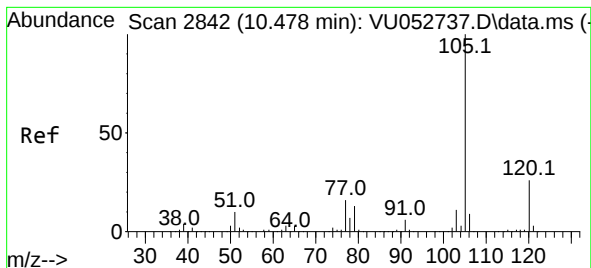
Tgt Ion:173 Resp: 4630
Ion Ratio Lower Upper
173 100
175 50.1 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.806 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

Tgt Ion:152 Resp: 142698
Ion Ratio Lower Upper
152 100
115 59.7 41.7 125.1
150 158.6 0.0 349.2





#73

Isopropylbenzene

Concen: 2.416 ug/l

RT: 10.481 min Scan# 2842

Delta R.T. 0.003 min

Lab File: VU052758.D

Acq: 20 Jan 2023 13:22

Instrument :

MSVOA_U

ClientSampleId :

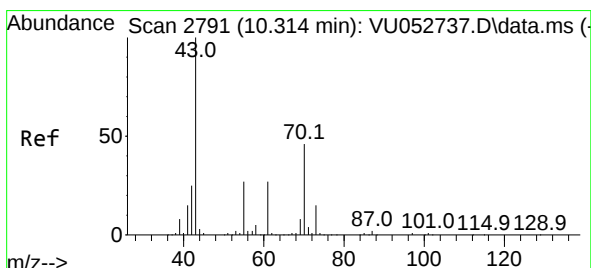
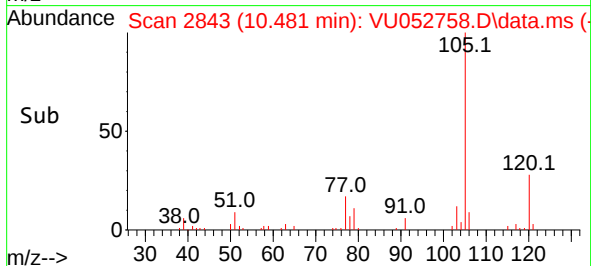
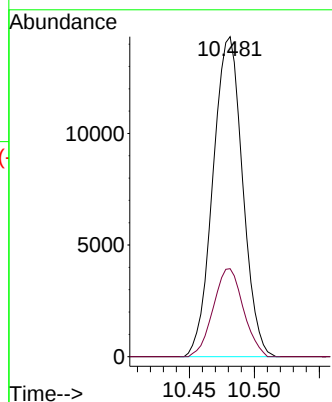
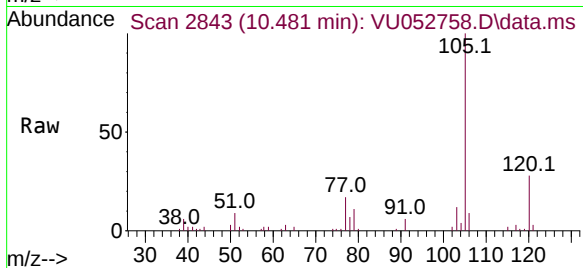
MDL06

Tgt Ion:105 Resp: 22716

Ion Ratio Lower Upper

105 100

120 27.9 13.2 39.5



#74

N-amy1 acetate

Concen: 2.196 ug/l

RT: 10.317 min Scan# 2792

Delta R.T. 0.003 min

Lab File: VU052758.D

Acq: 20 Jan 2023 13:22

Tgt Ion: 43 Resp: 7863

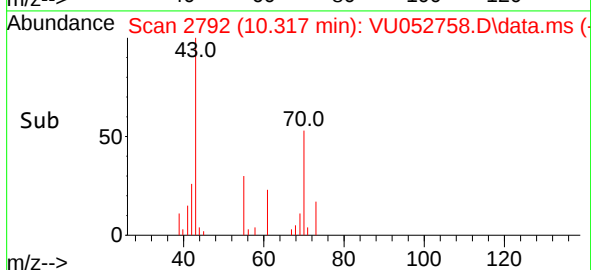
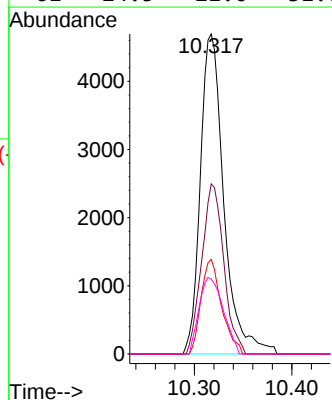
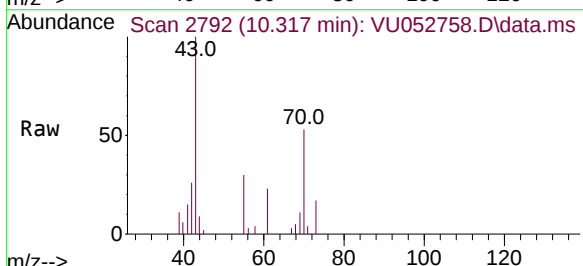
Ion Ratio Lower Upper

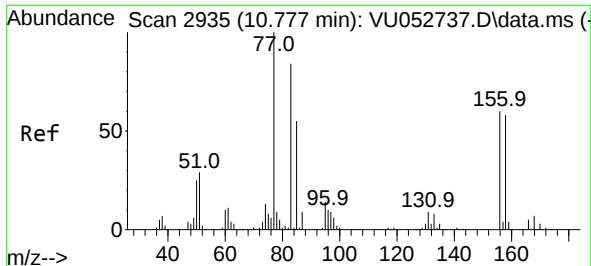
43 100

70 49.8 37.9 56.9

55 25.8 21.9 32.9

61 24.5 21.0 31.6

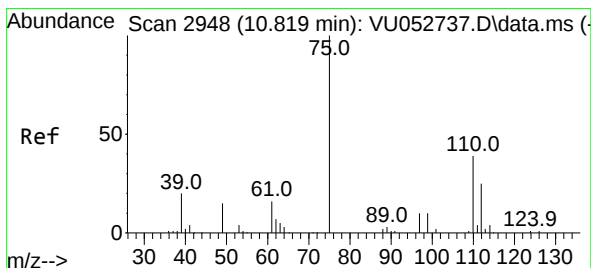
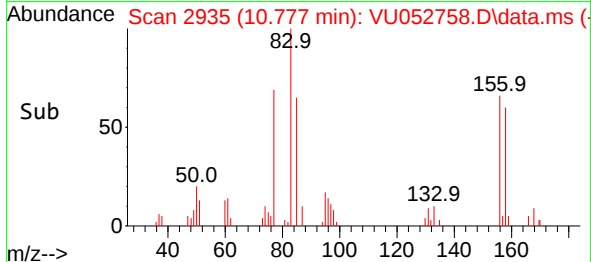
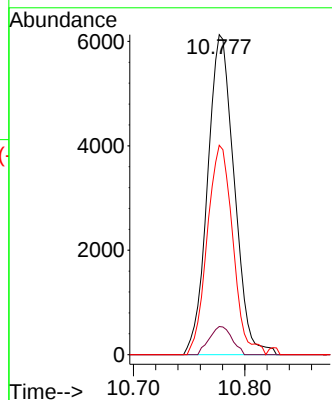
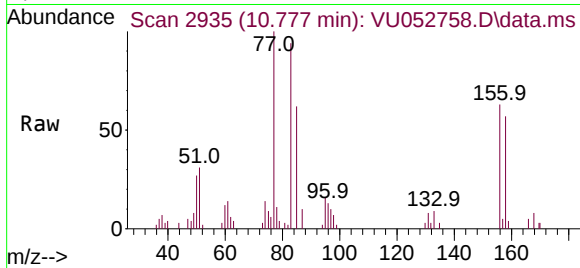




#75
 1,1,2,2-Tetrachloroethane
 Concen: 2.735 ug/l
 RT: 10.777 min Scan# 2935
 Delta R.T. 0.000 min
 Lab File: VU052758.D
 Acq: 20 Jan 2023 13:22

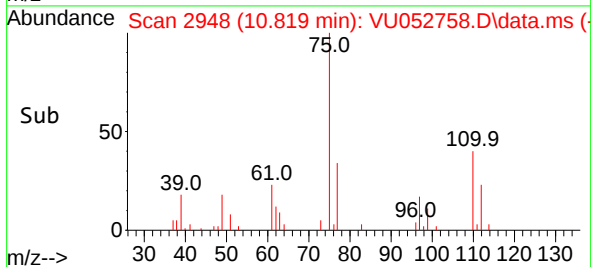
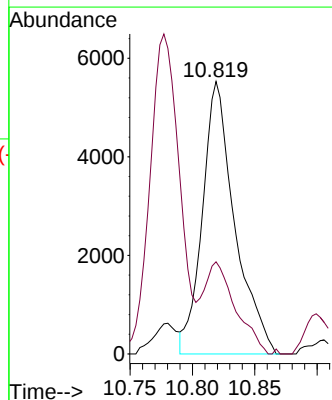
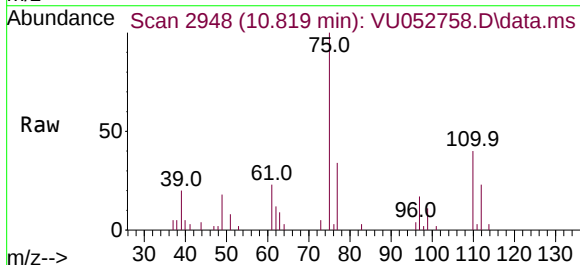
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

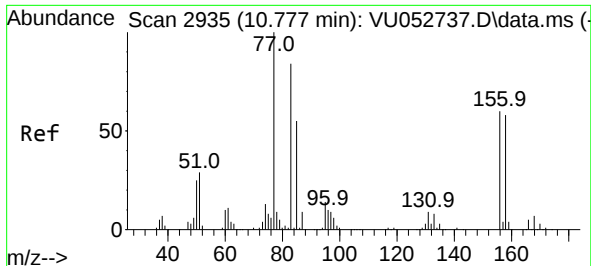
Tgt Ion: 83 Resp: 10185
 Ion Ratio Lower Upper
 83 100
 131 7.4 5.0 14.9
 85 62.9 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 2.562 ug/l
 RT: 10.819 min Scan# 2948
 Delta R.T. 0.000 min
 Lab File: VU052758.D
 Acq: 20 Jan 2023 13:22

Tgt Ion: 75 Resp: 9975
 Ion Ratio Lower Upper
 75 100
 77 31.3 15.0 45.1

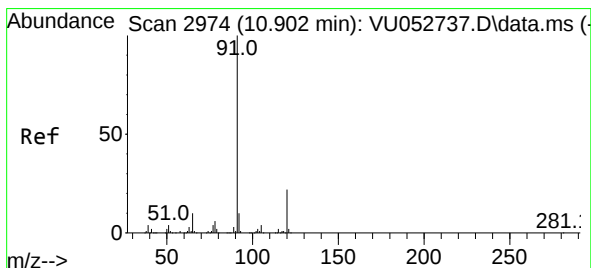
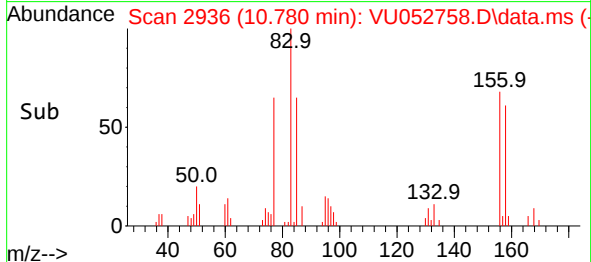
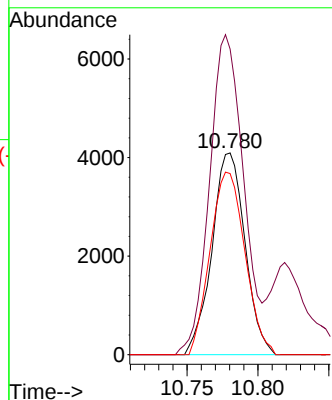
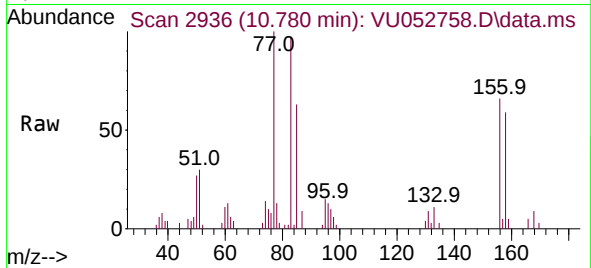




#77
Bromobenzene
Concen: 2.731 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

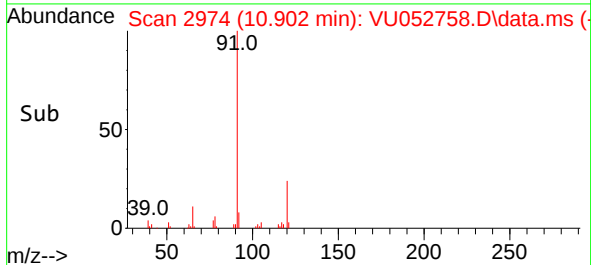
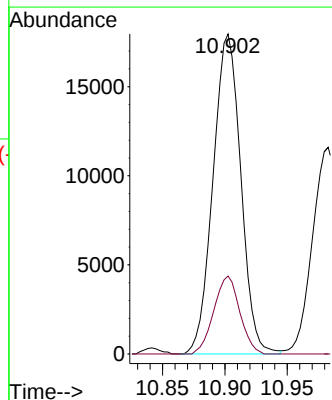
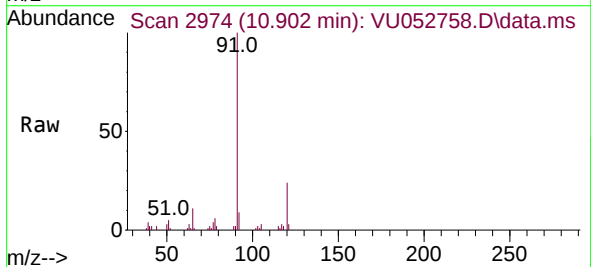
Instrument :
MSVOA_U
ClientSampleId :
MDL06

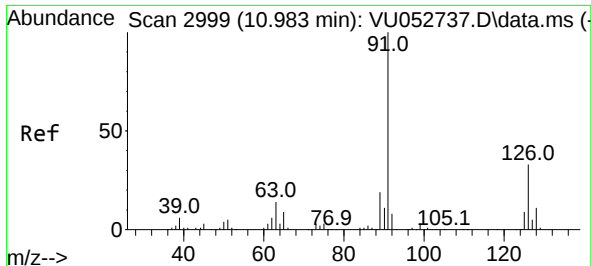
Tgt Ion:156 Resp: 6641
Ion Ratio Lower Upper
156 100
77 162.5 83.8 251.4
158 95.4 48.7 146.1



#78
n-propylbenzene
Concen: 2.519 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. 0.000 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

Tgt Ion: 91 Resp: 27855
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.8

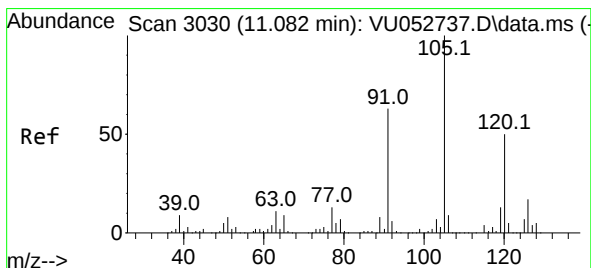
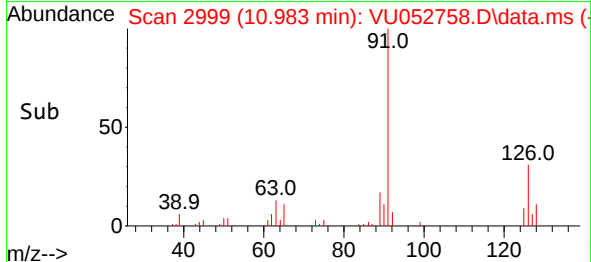
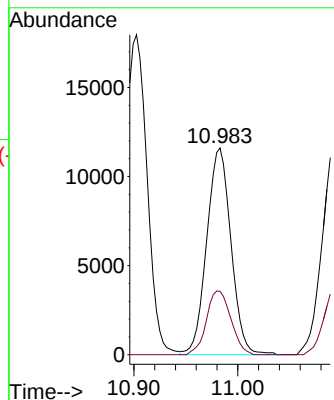
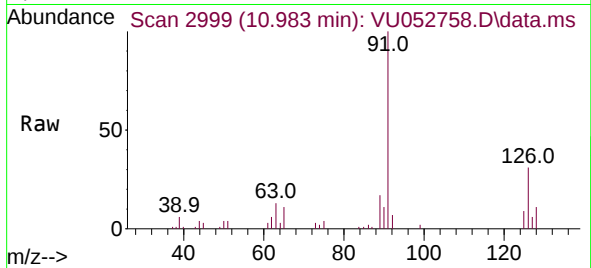




#79
2-Chlorotoluene
Concen: 2.753 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. 0.000 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

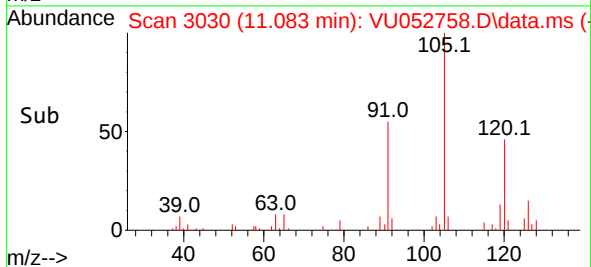
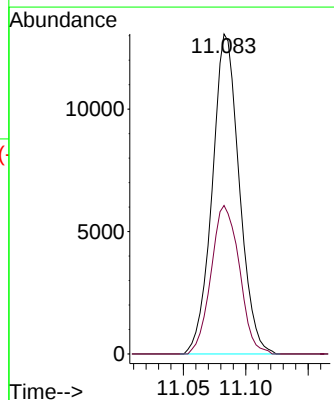
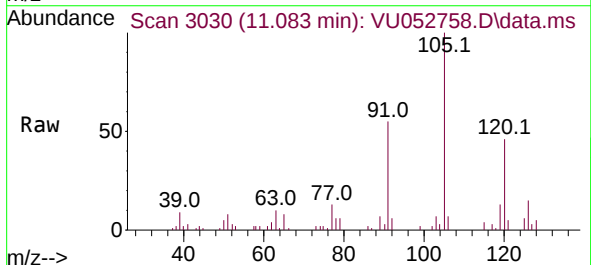
Instrument :
MSVOA_U
ClientSampleId :
MDL06

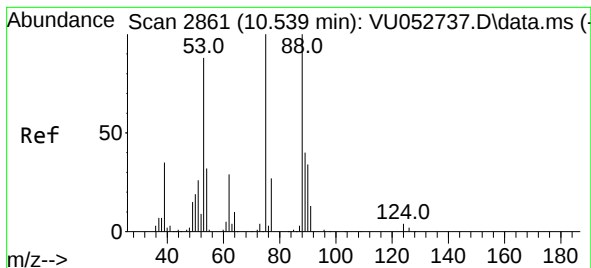
Tgt Ion: 91 Resp: 18809
Ion Ratio Lower Upper
91 100
126 31.0 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 2.527 ug/l
RT: 11.083 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

Tgt Ion: 105 Resp: 19737
Ion Ratio Lower Upper
105 100
120 48.6 25.1 75.2

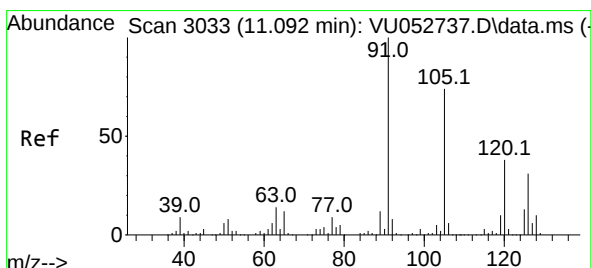
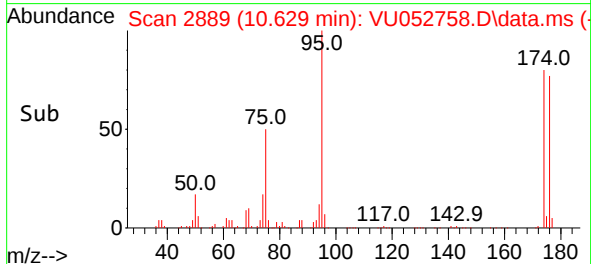
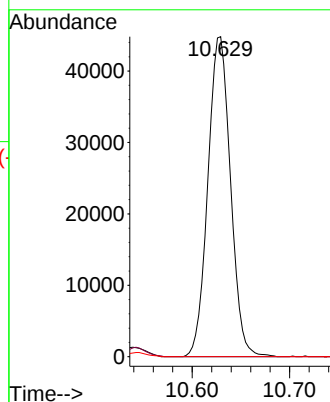
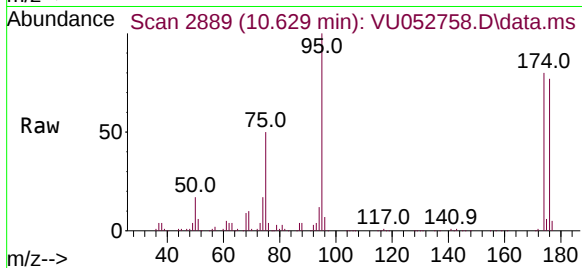




#81
trans-1,4-Dichloro-2-butene
Concen: 72.126 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.090 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

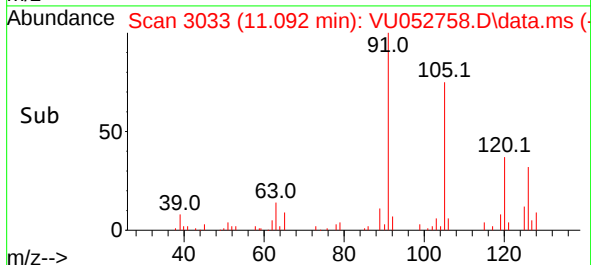
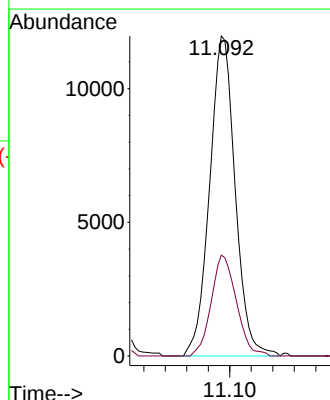
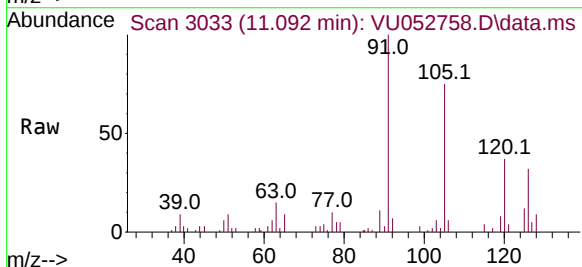
Instrument :
MSVOA_U
ClientSampleId :
MDL06

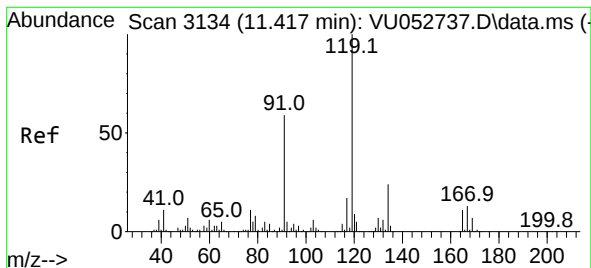
Tgt Ion: 75 Resp: 72279
Ion Ratio Lower Upper
75 100
53 0.0 72.4 108.6#
89 0.0 35.0 52.4#



#82
4-Chlorotoluene
Concen: 2.537 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU052758.D
Acq: 20 Jan 2023 13:22

Tgt Ion: 91 Resp: 19759
Ion Ratio Lower Upper
91 100
126 31.0 14.9 44.7





#83

tert-Butylbenzene

Concen: 2.431 ug/l

RT: 11.417 min Scan# 3134

Delta R.T. 0.000 min

Lab File: VU052758.D

Acq: 20 Jan 2023 13:22

Instrument :

MSVOA_U

ClientSampleId :

MDL06

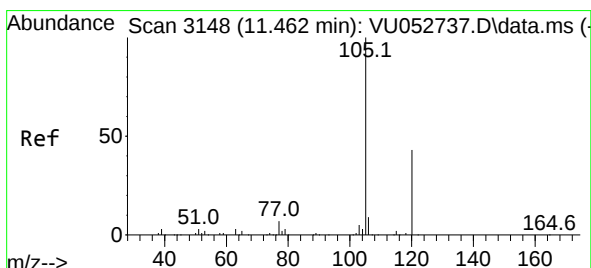
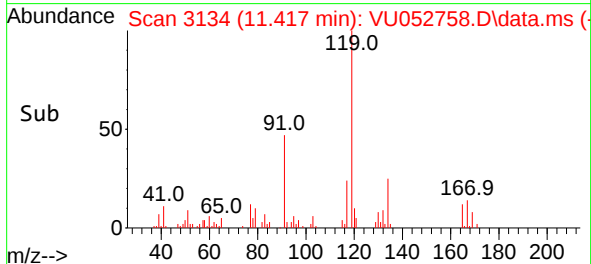
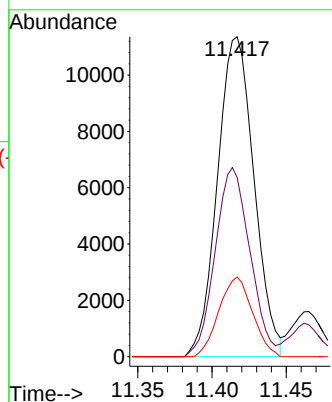
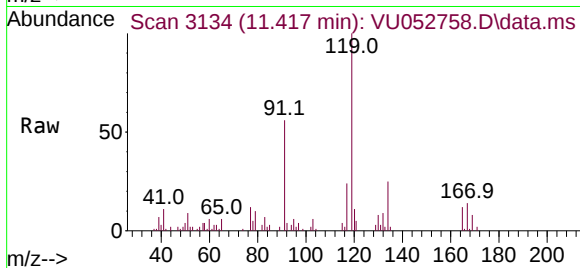
Tgt Ion:119 Resp: 19487

Ion Ratio Lower Upper

119 100

91 56.1 28.4 85.2

134 22.8 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 2.394 ug/l

RT: 11.462 min Scan# 3148

Delta R.T. 0.000 min

Lab File: VU052758.D

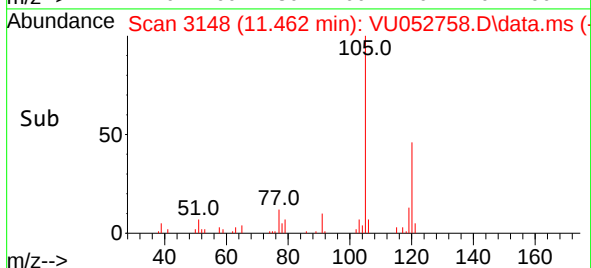
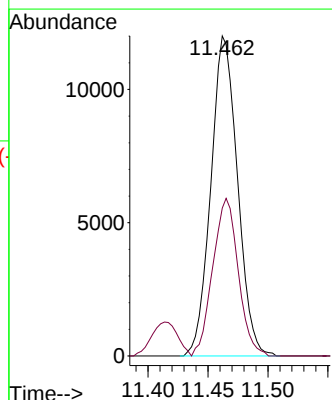
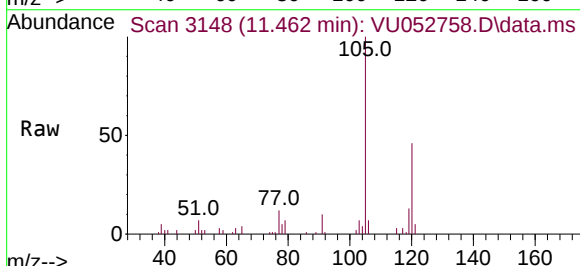
Acq: 20 Jan 2023 13:22

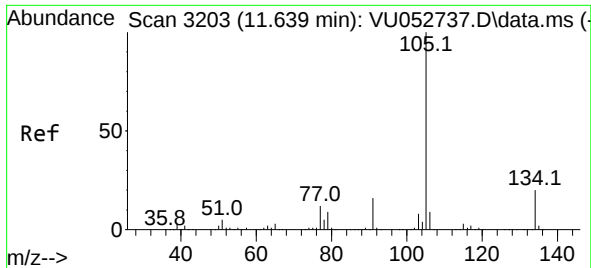
Tgt Ion:105 Resp: 18560

Ion Ratio Lower Upper

105 100

120 47.0 23.2 69.5

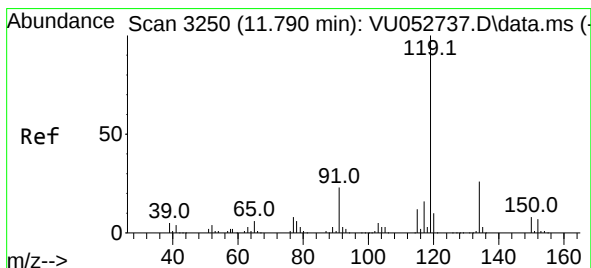
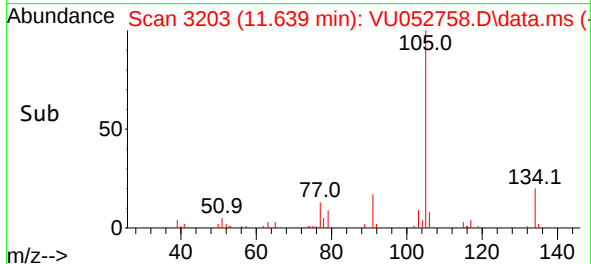
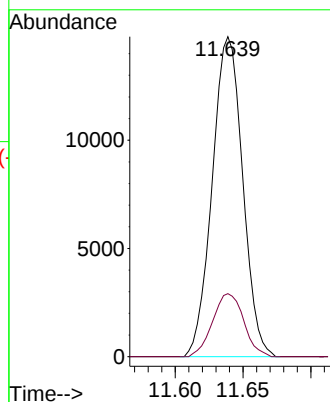
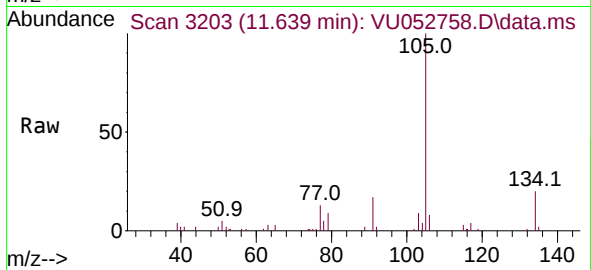




#85
 sec-Butylbenzene
 Concen: 2.351 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU052758.D
 Acq: 20 Jan 2023 13:22

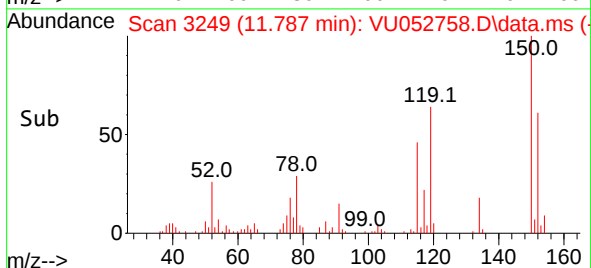
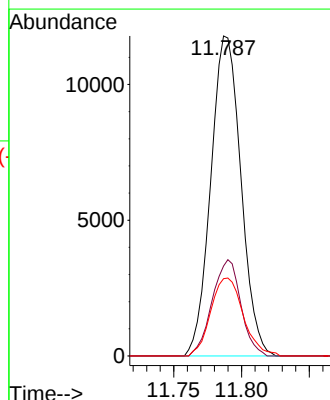
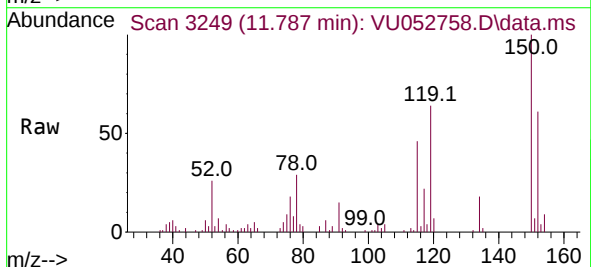
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

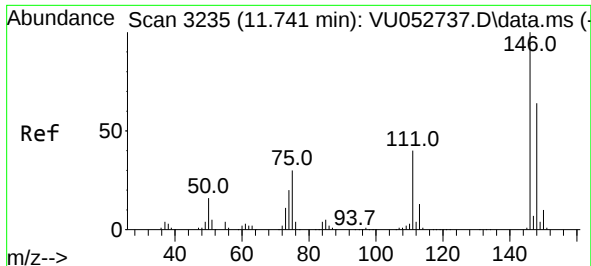
Tgt Ion:105 Resp: 23071
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 2.182 ug/l
 RT: 11.787 min Scan# 3249
 Delta R.T. -0.003 min
 Lab File: VU052758.D
 Acq: 20 Jan 2023 13:22

Tgt Ion:119 Resp: 18209
 Ion Ratio Lower Upper
 119 100
 134 28.5 13.1 39.1
 91 26.2 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 2.582 ug/l

RT: 11.742 min Scan# 3235

Delta R.T. 0.001 min

Lab File: VU052758.D

Acq: 20 Jan 2023 13:22

Instrument :

MSVOA_U

ClientSampleId :

MDL06

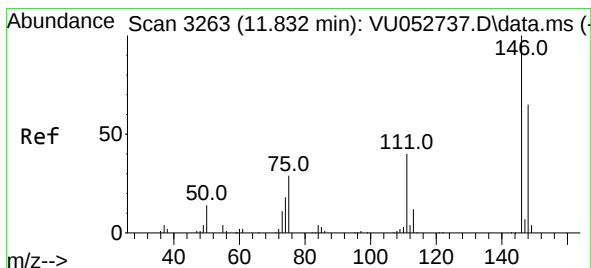
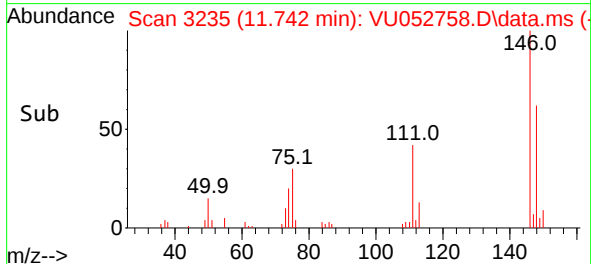
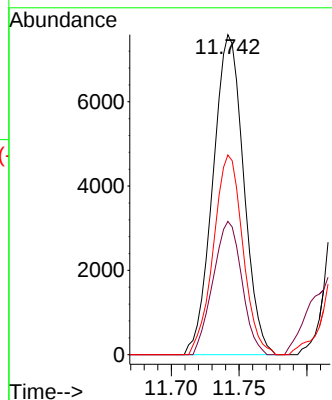
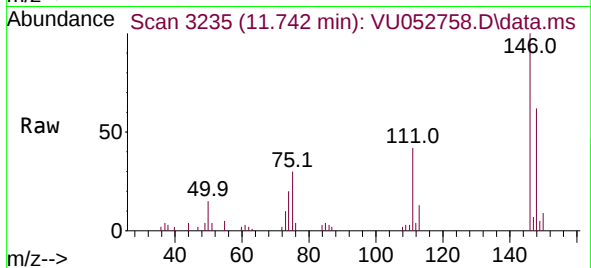
Tgt Ion:146 Resp: 11965

Ion Ratio Lower Upper

146 100

111 39.0 20.1 60.2

148 59.8 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 2.882 ug/l

RT: 11.832 min Scan# 3263

Delta R.T. 0.000 min

Lab File: VU052758.D

Acq: 20 Jan 2023 13:22

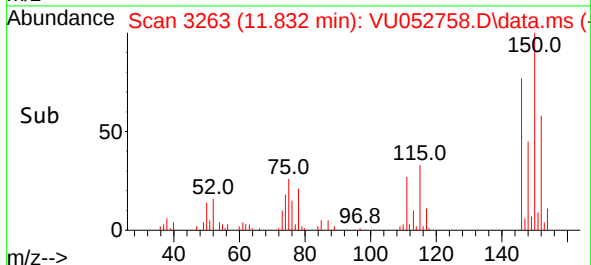
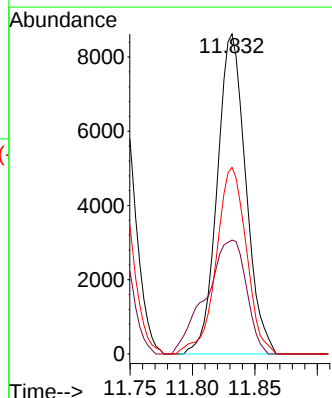
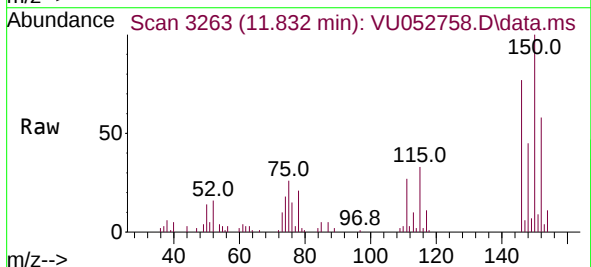
Tgt Ion:146 Resp: 13732

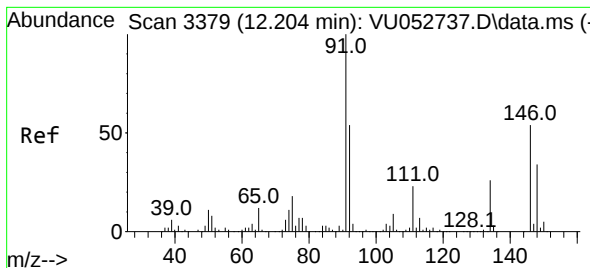
Ion Ratio Lower Upper

146 100

111 50.0 20.3 61.0

148 61.5 32.3 96.8





#89

n-Butylbenzene

Concen: 2.132 ug/l

RT: 12.205 min Scan# 3379

Delta R.T. 0.001 min

Lab File: VU052758.D

Acq: 20 Jan 2023 13:22

Instrument :

MSVOA_U

ClientSampleId :

MDL06

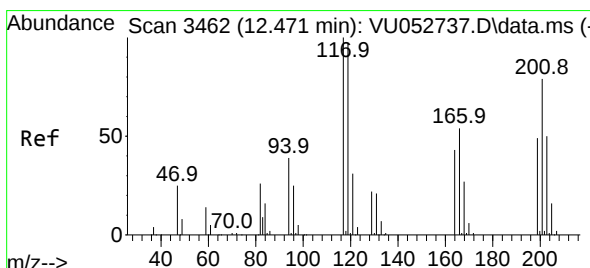
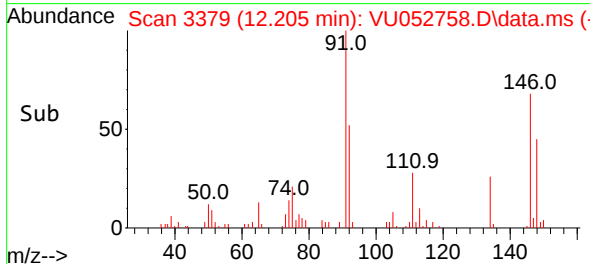
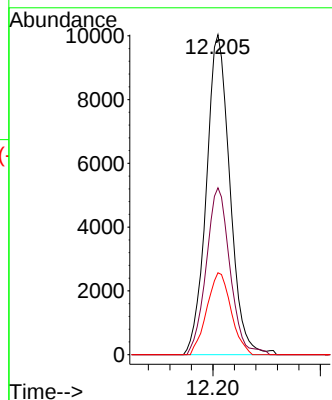
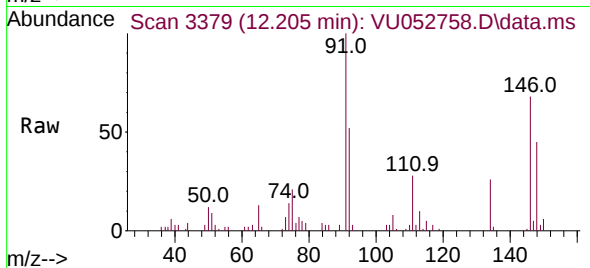
Tgt Ion: 91 Resp: 15264

Ion Ratio Lower Upper

91 100

92 52.7 26.8 80.3

134 26.3 13.1 39.3



#90

Hexachloroethane

Concen: 2.292 ug/l

RT: 12.472 min Scan# 3462

Delta R.T. 0.000 min

Lab File: VU052758.D

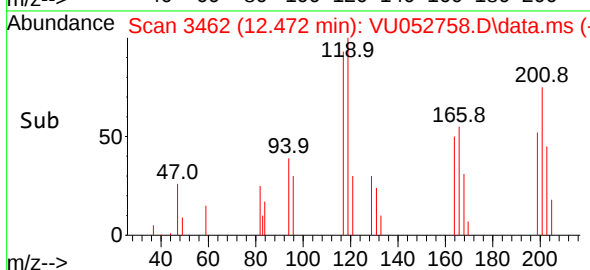
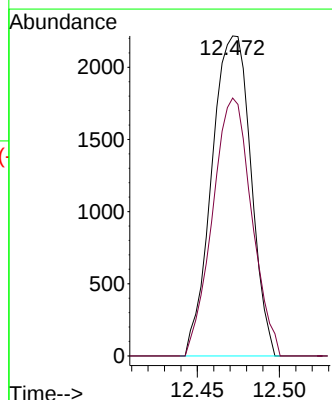
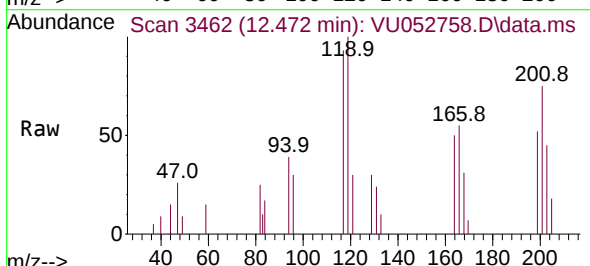
Acq: 20 Jan 2023 13:22

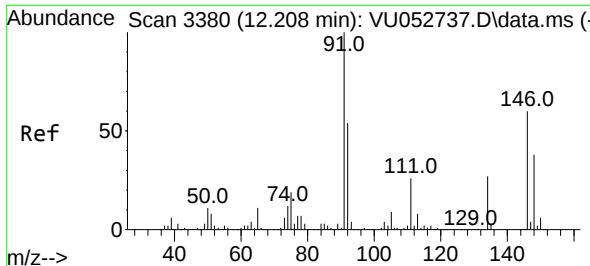
Tgt Ion: 117 Resp: 3668

Ion Ratio Lower Upper

117 100

201 80.6 39.3 117.9





#91

1,2-Dichlorobenzene

Concen: 2.552 ug/l

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU052758.D

Acq: 20 Jan 2023 13:22

Instrument :

MSVOA_U

ClientSampleId :

MDL06

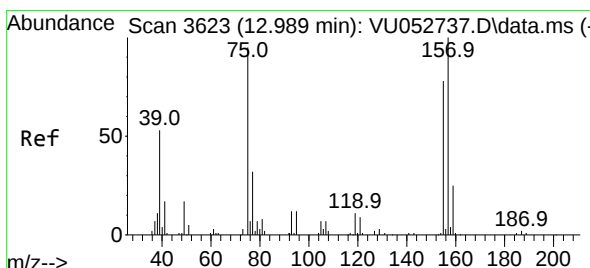
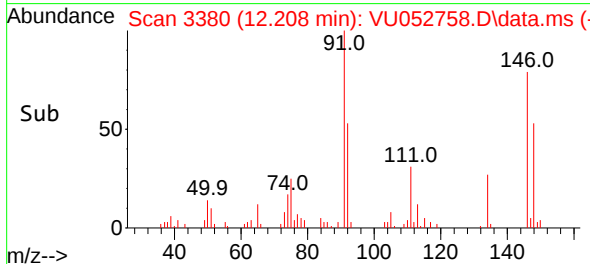
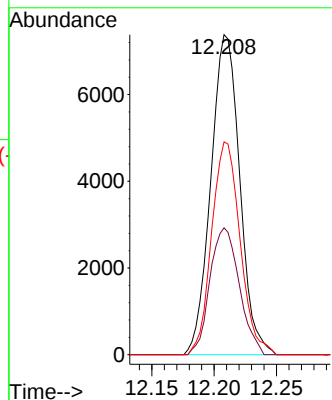
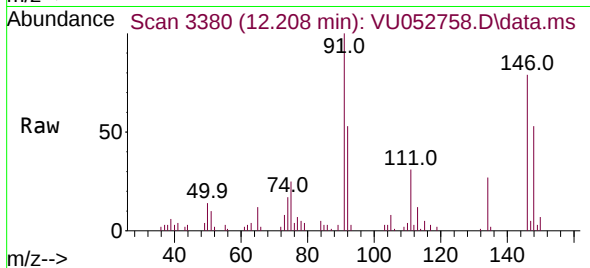
Tgt Ion:146 Resp: 11926

Ion Ratio Lower Upper

146 100

111 40.2 21.1 63.1

148 65.5 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.642 ug/l

RT: 12.992 min Scan# 3624

Delta R.T. 0.003 min

Lab File: VU052758.D

Acq: 20 Jan 2023 13:22

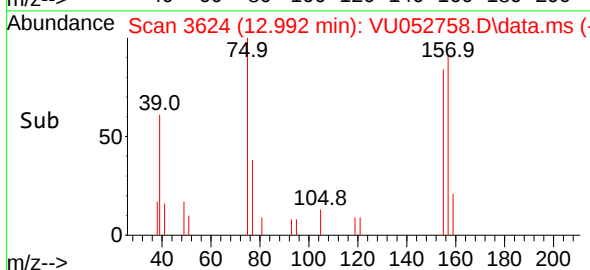
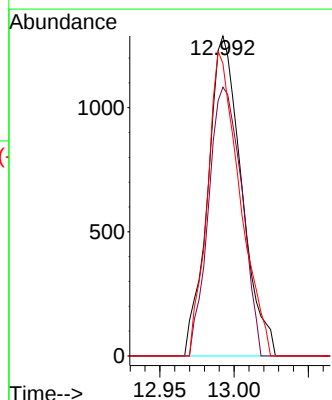
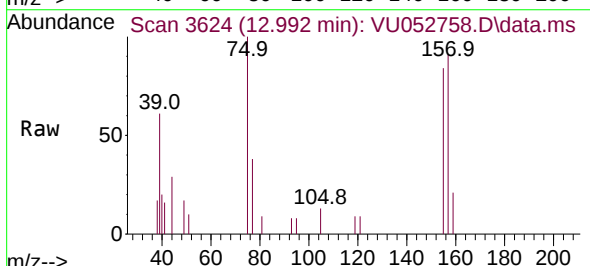
Tgt Ion: 75 Resp: 2042

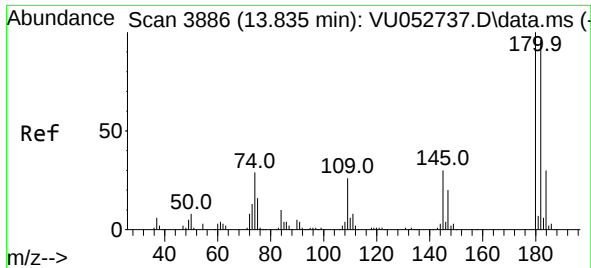
Ion Ratio Lower Upper

75 100

155 82.3 41.4 124.4

157 91.0 53.4 160.2





#93

1,2,4-Trichlorobenzene

Concen: 2.176 ug/l

RT: 13.838 min Scan# 3886

Delta R.T. 0.003 min

Lab File: VU052758.D

Acq: 20 Jan 2023 13:22

Instrument :

MSVOA_U

ClientSampleId :

MDL06

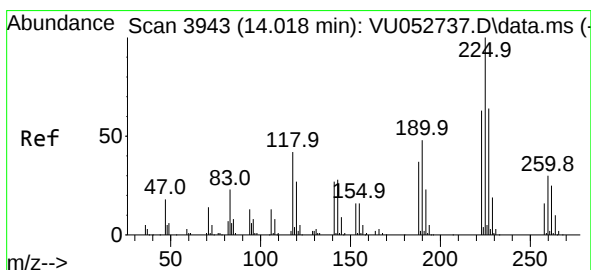
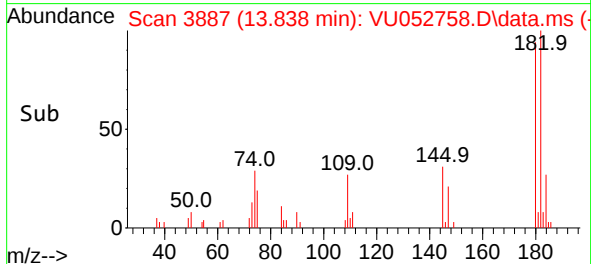
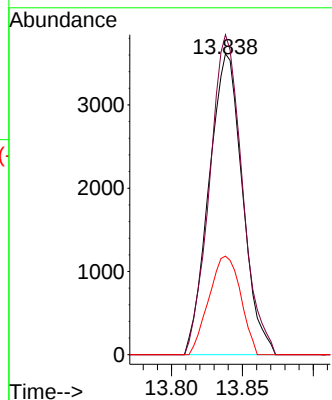
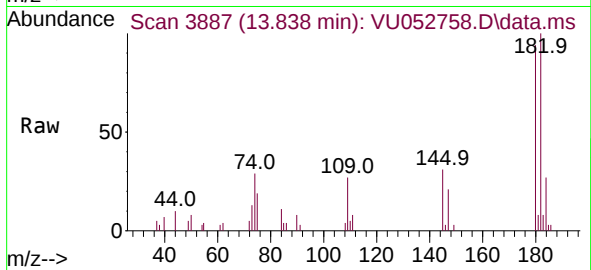
Tgt Ion:180 Resp: 5939

Ion Ratio Lower Upper

180 100

182 103.4 47.4 142.3

145 30.9 14.9 44.5



#94

Hexachlorobutadiene

Concen: 2.438 ug/l

RT: 14.018 min Scan# 3943

Delta R.T. 0.000 min

Lab File: VU052758.D

Acq: 20 Jan 2023 13:22

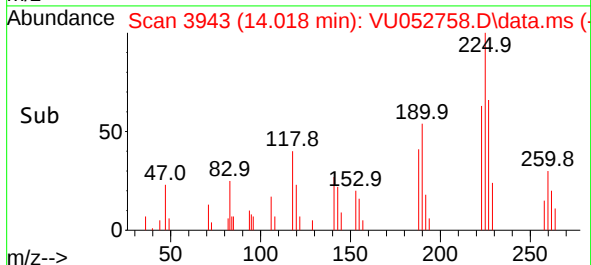
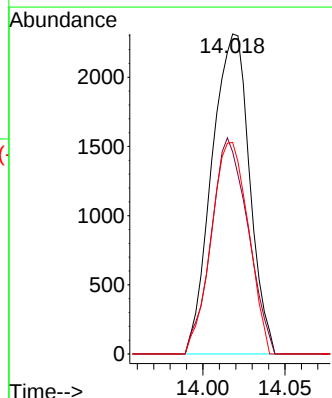
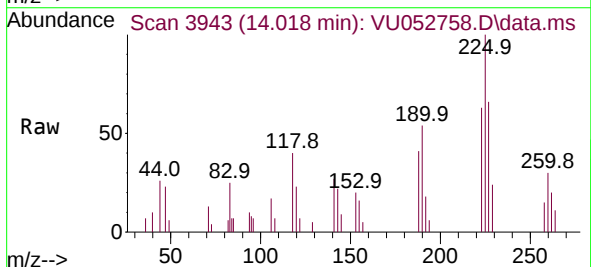
Tgt Ion:225 Resp: 3688

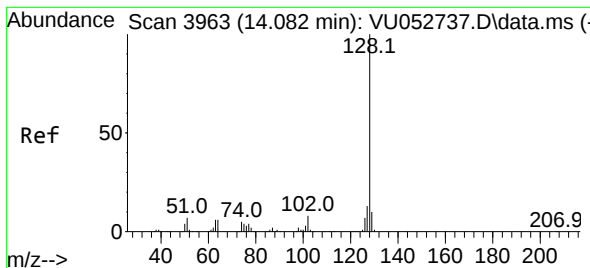
Ion Ratio Lower Upper

225 100

223 65.9 31.8 95.3

227 65.2 31.8 95.4





#95

Naphthalene

Concen: 2.126 ug/l

RT: 14.086 min Scan# 3963

Delta R.T. 0.004 min

Lab File: VU052758.D

Acq: 20 Jan 2023 13:22

Instrument :

MSVOA_U

ClientSampleId :

MDL06

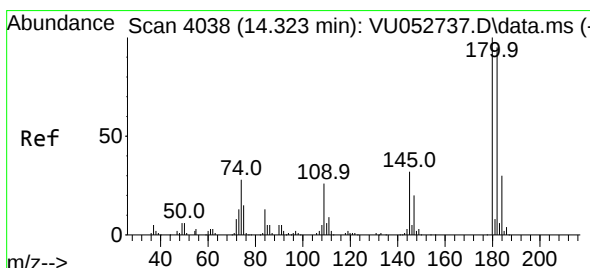
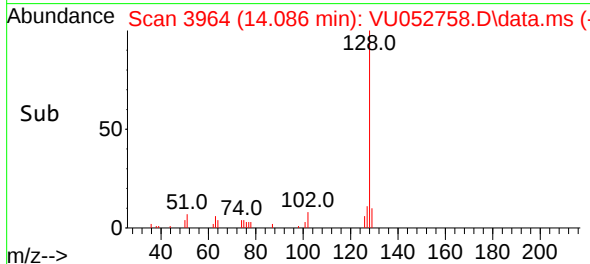
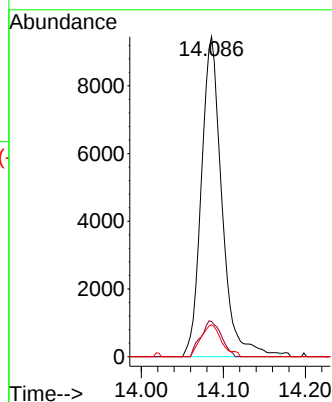
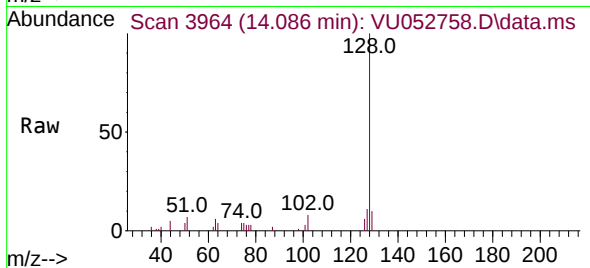
Tgt Ion:128 Resp: 16465

Ion Ratio Lower Upper

128 100

127 11.1 10.3 15.5

129 10.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 2.296 ug/l

RT: 14.327 min Scan# 4039

Delta R.T. 0.003 min

Lab File: VU052758.D

Acq: 20 Jan 2023 13:22

Tgt Ion:180 Resp: 6222

Ion Ratio Lower Upper

180 100

182 98.9 48.1 144.3

145 28.4 15.8 47.4

