

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012023\
 Data File : VU052757.D
 Acq On : 20 Jan 2023 12:59
 Operator : JC/MD
 Sample : MDL07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

Quant Time: Jan 21 01:20:25 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	195810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	322370	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	296589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	131194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	144665	51.299	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.600%
35) Dibromofluoromethane	5.282	113	113291	50.470	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.940%
50) Toluene-d8	7.893	98	393796	46.780	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.560%
62) 4-Bromofluorobenzene	10.629	95	132992	43.249	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.500%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	984	0.426	ug/l	98
3) Chloromethane	1.520	50	1853	0.781	ug/l	95
4) Vinyl Chloride	1.604	62	988	0.418	ug/l	97
5) Bromomethane	1.858	94	834	0.714	ug/l #	76
6) Chloroethane	1.932	64	752	0.503	ug/l	97
7) Trichlorofluoromethane	2.134	101	1719	0.472	ug/l	88
8) Diethyl Ether	2.369	74	672	0.507	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.575	101	1026	0.487	ug/l #	76
10) Methyl Iodide	2.719	142	1269	0.733	ug/l #	82
11) Tert butyl alcohol	3.305	59	956m	1.990	ug/l	
12) 1,1-Dichloroethene	2.578	96	849	0.408	ug/l	95
13) Acrolein	2.491	56	1393	2.949	ug/l	98
14) Allyl chloride	2.919	41	1068	0.326	ug/l	99
15) Acrylonitrile	3.324	53	2772m	2.091	ug/l	
16) Acetone	2.639	43	3520	2.619	ug/l	88
17) Carbon Disulfide	2.793	76	3777	0.605	ug/l #	92
18) Methyl Acetate	2.954	43	1712	0.460	ug/l #	77
19) Methyl tert-butyl Ether	3.362	73	3112	0.441	ug/l #	90
20) Methylene Chloride	3.044	84	2682	0.887	ug/l	94
21) trans-1,2-Dichloroethene	3.353	96	1075	0.479	ug/l #	81
22) Diisopropyl ether	3.986	45	2950	0.432	ug/l #	51
23) Vinyl Acetate	3.964	43	10225	1.953	ug/l	99
24) 1,1-Dichloroethane	3.867	63	1791	0.414	ug/l #	82
25) 2-Butanone	4.726	43	3300m	1.904	ug/l	
26) 2,2-Dichloropropane	4.665	77	1734	0.488	ug/l	84
27) cis-1,2-Dichloroethene	4.665	96	1068	0.433	ug/l	98
28) Bromochloromethane	4.967	49	801	0.443	ug/l #	57
29) Tetrahydrofuran	5.070	42	2087	2.074	ug/l	93
30) Chloroform	5.086	83	2490	0.538	ug/l	92
31) Cyclohexane	5.372	56	5742	1.453	ug/l #	37
32) 1,1,1-Trichloroethane	5.305	97	1685	0.445	ug/l #	52
36) 1,1-Dichloropropene	5.523	75	1417	0.440	ug/l #	88
37) Ethyl Acetate	4.829	43	1517m	0.433	ug/l	
38) Carbon Tetrachloride	5.514	117	1268	0.383	ug/l	97
39) Methylcyclohexane	6.755	83	1567	0.418	ug/l	93
40) Benzene	5.771	78	4405	0.453	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.989	41	548	0.324	ug/l #	66
42) 1,2-Dichloroethane	5.793	62	1782	0.507	ug/l	84
43) Isopropyl Acetate	5.919	43	2150	0.441	ug/l #	84
44) Trichloroethene	6.539	130	1235	0.513	ug/l	88
45) 1,2-Dichloropropane	6.787	63	1215	0.484	ug/l	92
46) Dibromomethane	6.919	93	920	0.530	ug/l #	76
47) Bromodichloromethane	7.102	83	1897	0.546	ug/l #	93
48) Methyl methacrylate	6.960	41	805	0.362	ug/l	89
49) 1,4-Dioxane	7.031	88	188	4.363	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	6078	1.924	ug/l	99
52) Toluene	7.967	92	2714	0.461	ug/l	97
53) t-1,3-Dichloropropene	8.211	75	1556	0.429	ug/l	91
54) cis-1,3-Dichloropropene	7.604	75	1637	0.423	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	1052	0.438	ug/l	91
56) Ethyl methacrylate	8.337	69	1237	0.366	ug/l #	90
57) 1,3-Dichloropropane	8.581	76	1587	0.377	ug/l	99
59) 2-Hexanone	8.690	43	4867	2.000	ug/l	99
60) Dibromochloromethane	8.806	129	1022	0.388	ug/l	95
61) 1,2-Dibromoethane	8.922	107	1028	0.408	ug/l #	51
64) Tetrachloroethene	8.549	164	1038	0.504	ug/l	84
65) Chlorobenzene	9.443	112	3166	0.504	ug/l	92
66) 1,1,1,2-Tetrachloroethane	9.536	131	947	0.403	ug/l #	65
67) Ethyl Benzene	9.568	91	4405	0.415	ug/l	93
68) m/p-Xylenes	9.693	106	3221	0.782	ug/l	97
69) o-Xylene	10.099	106	1549	0.394	ug/l	99
70) Styrene	10.118	104	2195	0.340	ug/l	94
71) Bromoform	10.291	173	769	0.391	ug/l #	84
73) Isopropylbenzene	10.484	105	3858	0.446	ug/l	95
74) N-amyl acetate	10.324	43	1505	0.457	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	10.777	83	1670	0.488	ug/l #	88
76) 1,2,3-Trichloropropane	10.822	75	1965m	0.549	ug/l	
77) Bromobenzene	10.780	156	1356	0.607	ug/l	93
78) n-propylbenzene	10.902	91	4690	0.461	ug/l	98
79) 2-Chlorotoluene	10.983	91	3402	0.542	ug/l	92
80) 1,3,5-Trimethylbenzene	11.086	105	3087	0.430	ug/l	93
81) trans-1,4-Dichloro-2-b...	10.546	75	273m	0.296	ug/l	
82) 4-Chlorotoluene	11.095	91	3187	0.445	ug/l	100
83) tert-Butylbenzene	11.417	119	3173	0.431	ug/l	92
84) 1,2,4-Trimethylbenzene	11.465	105	3102	0.435	ug/l	98
85) sec-Butylbenzene	11.639	105	3884	0.431	ug/l	93
86) p-Isopropyltoluene	11.790	119	3393	0.442	ug/l	91
87) 1,3-Dichlorobenzene	11.745	146	2155	0.506	ug/l	95
88) 1,4-Dichlorobenzene	11.832	146	2740m	0.625	ug/l	
89) n-Butylbenzene	12.208	91	3047	0.463	ug/l	88
90) Hexachloroethane	12.475	117	656	0.446	ug/l	97
91) 1,2-Dichlorobenzene	12.214	146	2150	0.500	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.996	75	263	0.370	ug/l	95
93) 1,2,4-Trichlorobenzene	13.841	180	1685	0.671	ug/l	94
94) Hexachlorobutadiene	14.018	225	803	0.577	ug/l	92
95) Naphthalene	14.092	128	4300	0.604	ug/l #	91
96) 1,2,3-Trichlorobenzene	14.327	180	1688	0.678	ug/l	95

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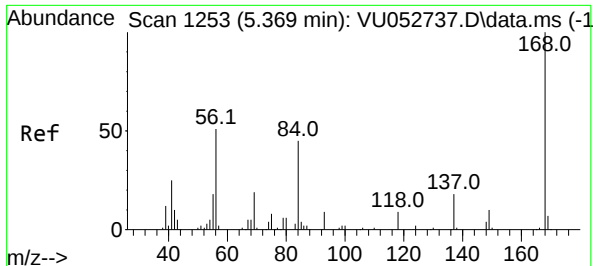
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

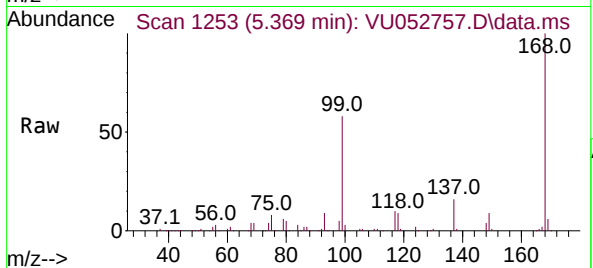
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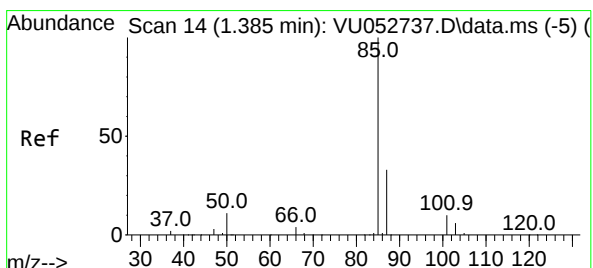
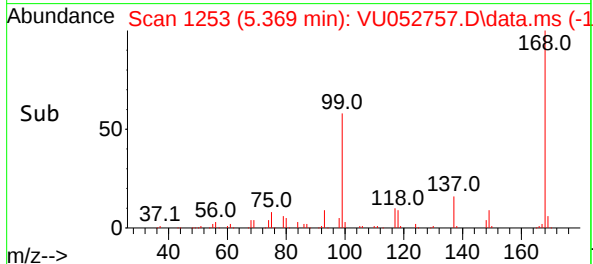
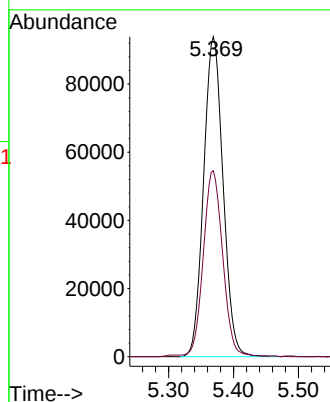


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU052757.D
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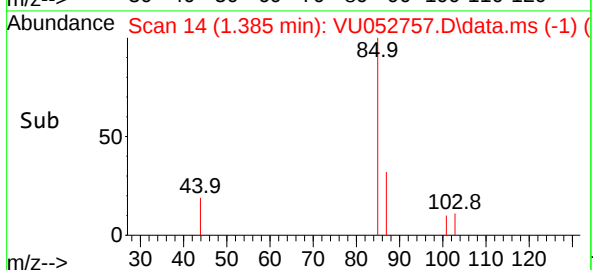
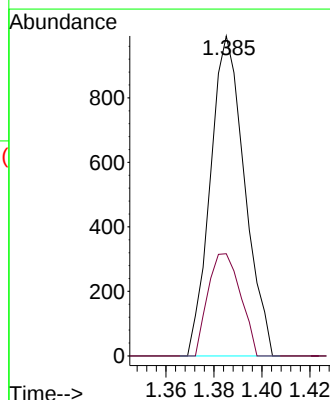
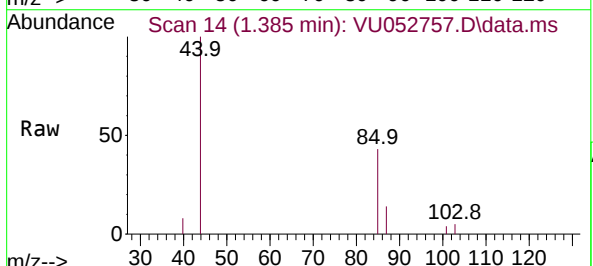


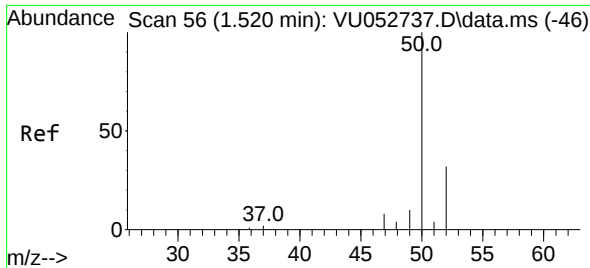
Tgt Ion:168 Resp: 195810
Ion Ratio Lower Upper
168 100
99 58.2 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 0.426 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

Tgt Ion: 85 Resp: 984
Ion Ratio Lower Upper
85 100
87 32.0 16.6 49.7

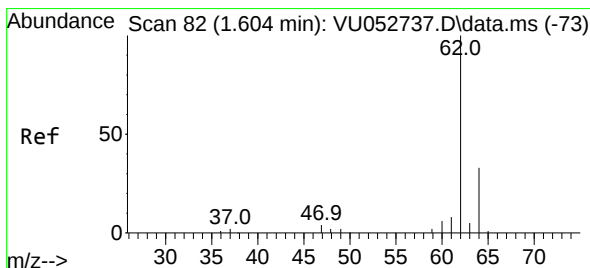
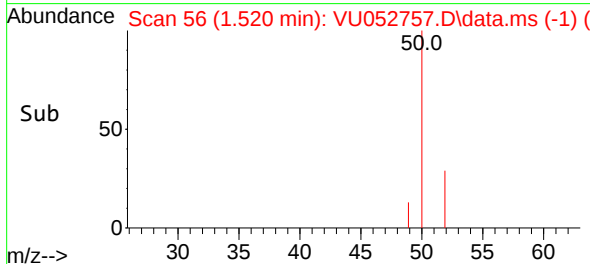
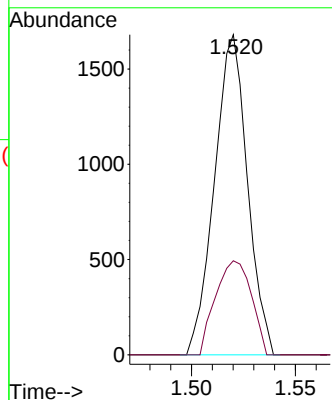
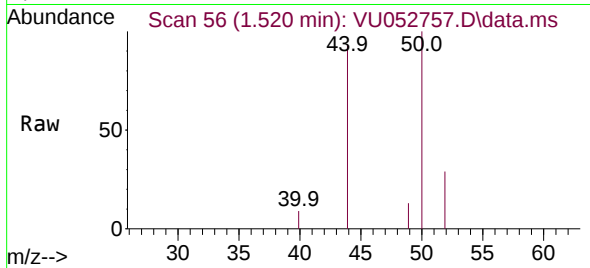




#3
Chloromethane
Concen: 0.781 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

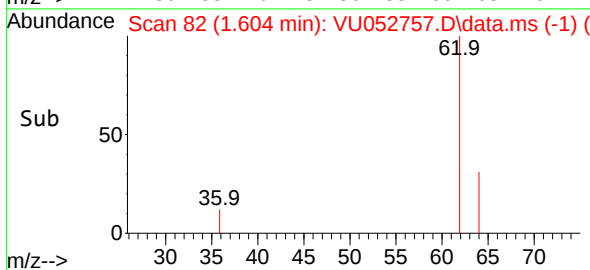
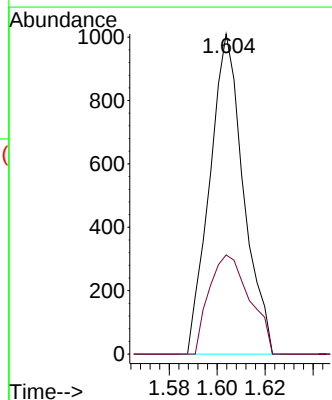
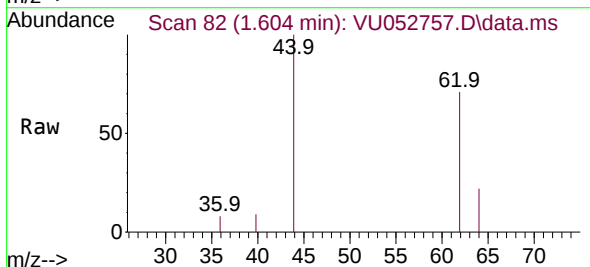
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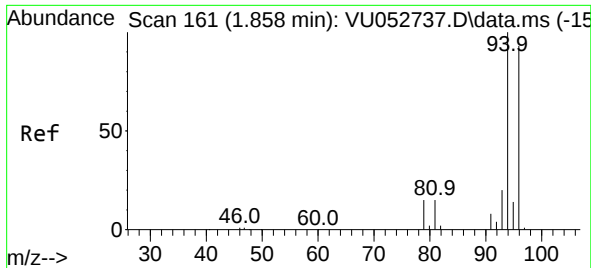
Tgt Ion: 50 Resp: 1853
Ion Ratio Lower Upper
50 100
52 29.4 25.8 38.6



#4
Vinyl Chloride
Concen: 0.418 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

Tgt Ion: 62 Resp: 988
Ion Ratio Lower Upper
62 100
64 31.0 26.1 39.1

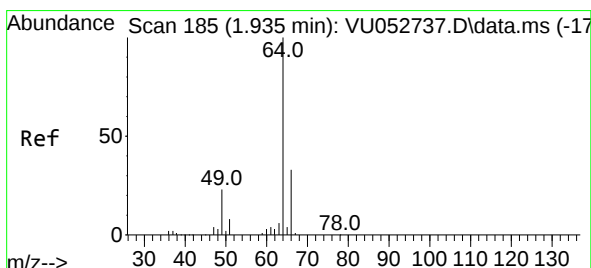
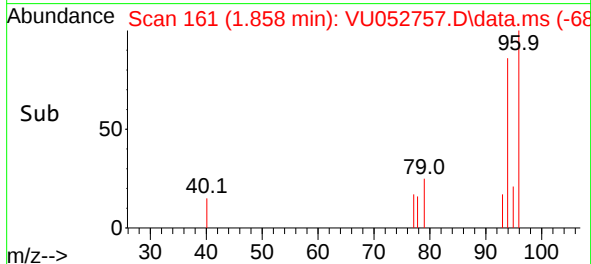
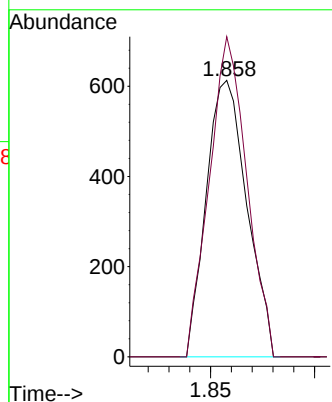
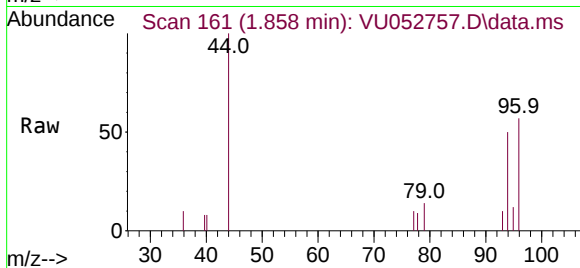




#5
Bromomethane
Concen: 0.714 ug/l
RT: 1.858 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

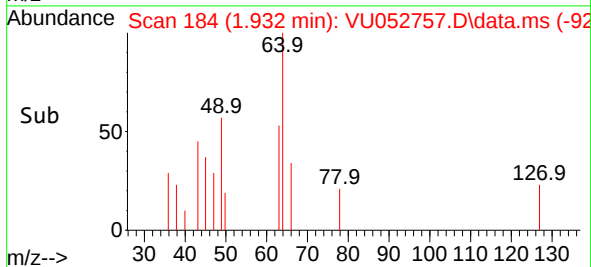
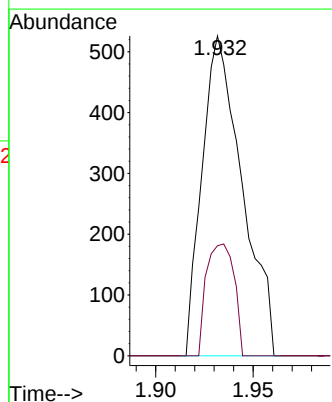
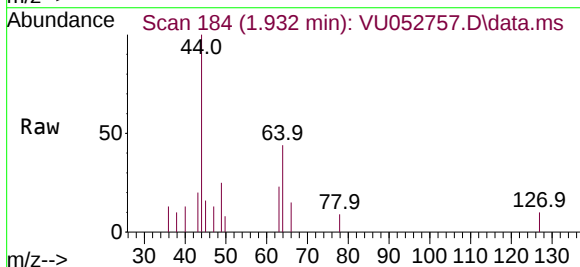
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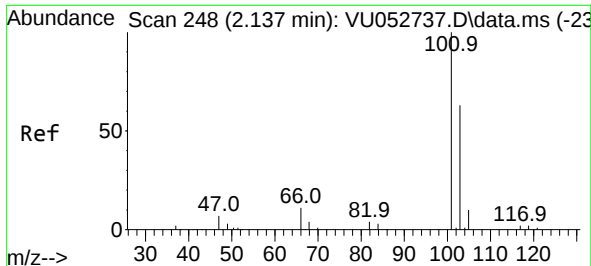
Tgt Ion: 94 Resp: 834
Ion Ratio Lower Upper
94 100
96 115.8 74.3 111.5#



#6
Chloroethane
Concen: 0.503 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

Tgt Ion: 64 Resp: 752
Ion Ratio Lower Upper
64 100
66 34.4 26.1 39.1

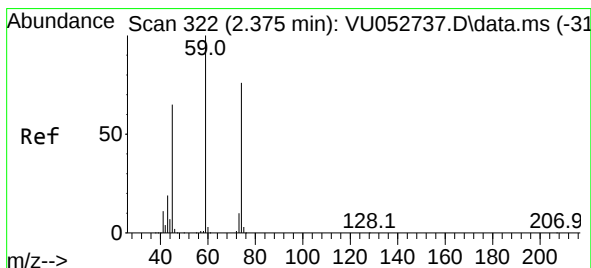
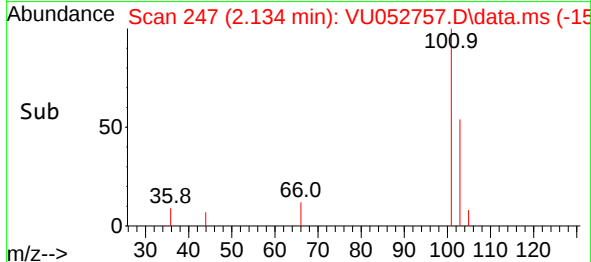
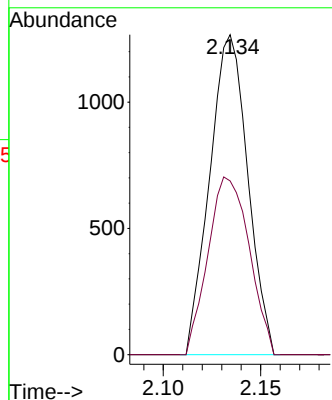
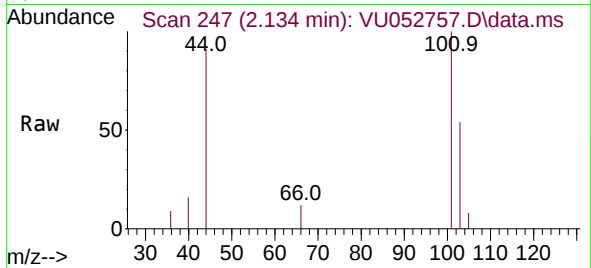




#7
Trichlorofluoromethane
Concen: 0.472 ug/l
RT: 2.134 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

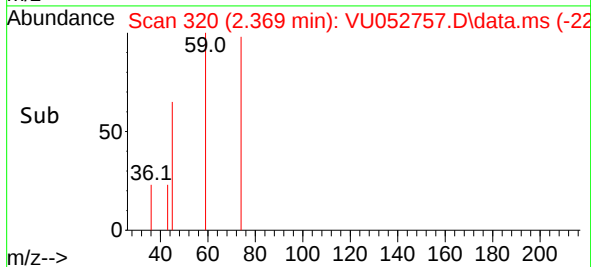
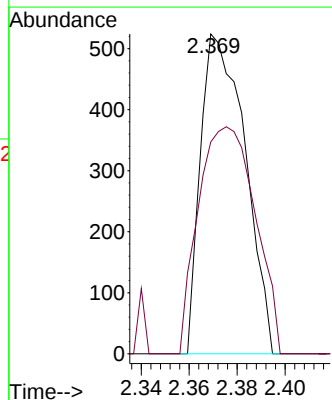
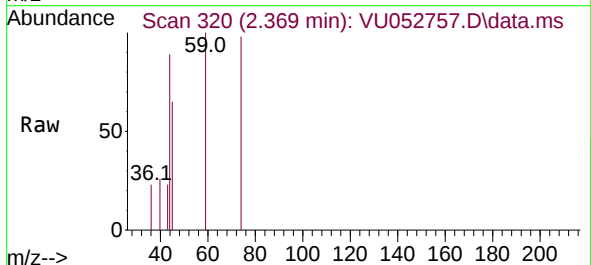
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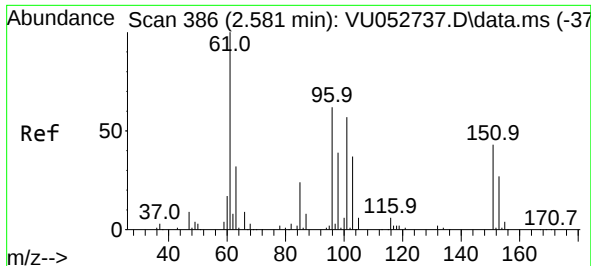
Tgt Ion:101 Resp: 1719
Ion Ratio Lower Upper
101 100
103 54.3 50.7 76.1



#8
Diethyl Ether
Concen: 0.507 ug/l
RT: 2.369 min Scan# 320
Delta R.T. -0.006 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

Tgt Ion: 74 Resp: 672
Ion Ratio Lower Upper
74 100
45 91.2 42.4 127.3

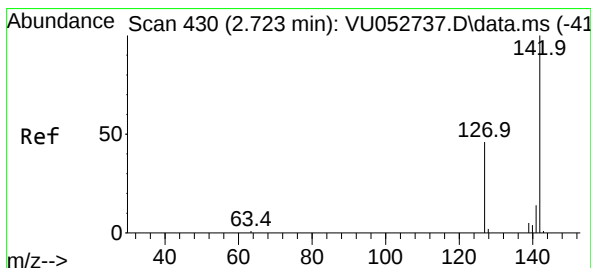
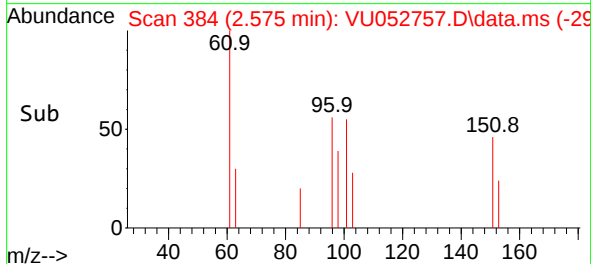
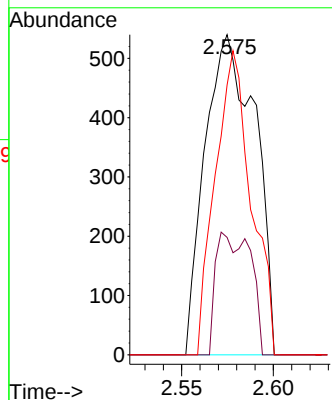
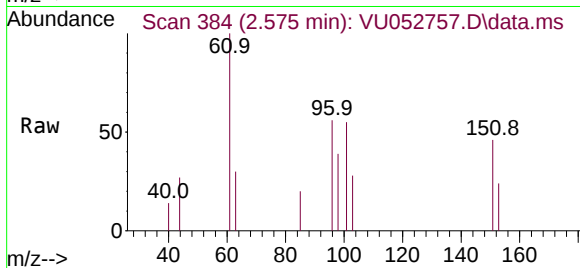




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.487 ug/l
RT: 2.575 min Scan# 31
Delta R.T. -0.006 min
Lab File: VU052757.D
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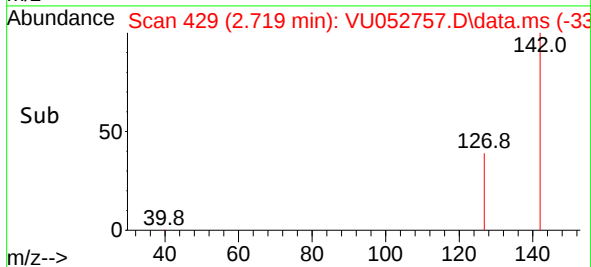
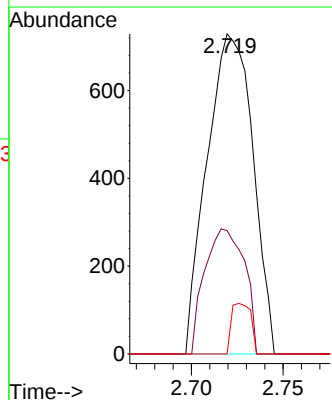
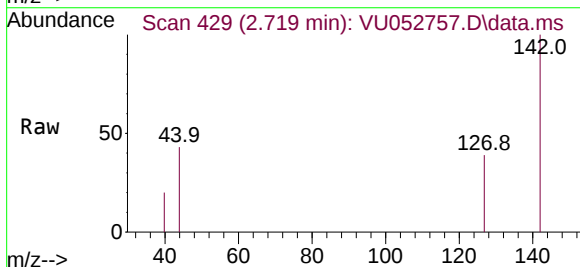
Instrument :
MSVOA_U
ClientSampleId :
MDL07

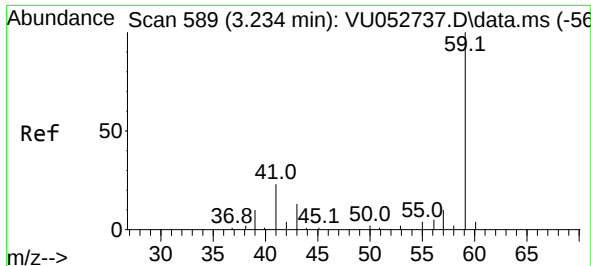
Tgt Ion:101 Resp: 1026
Ion Ratio Lower Upper
101 100
85 13.8 35.1 52.7#
151 68.1 61.9 92.9



#10
Methyl Iodide
Concen: 0.733 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.004 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

Tgt Ion:142 Resp: 1269
Ion Ratio Lower Upper
142 100
127 33.8 36.3 54.5#
141 6.6 11.8 17.6#

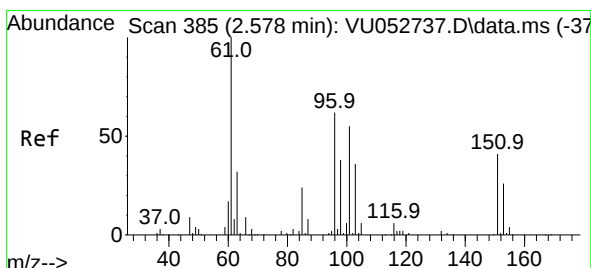
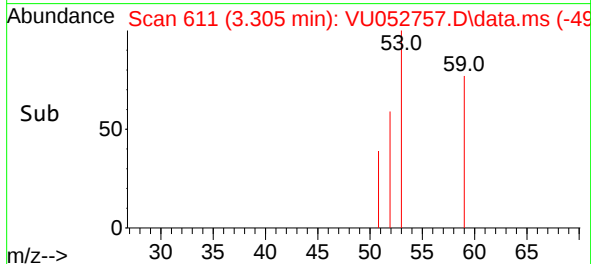
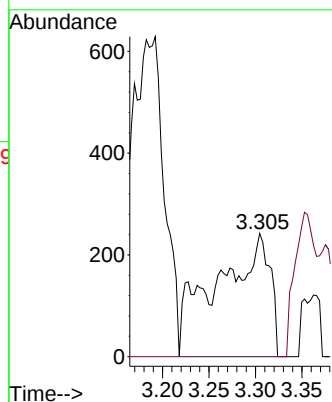
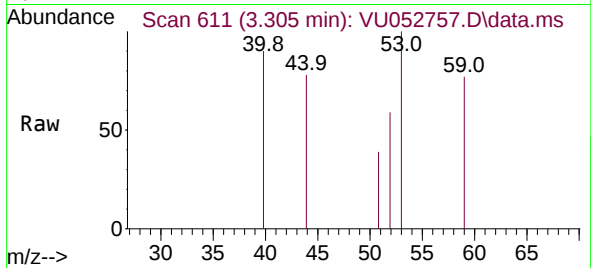




#11
Tert butyl alcohol
Concen: 1.990 ug/l m
RT: 3.305 min Scan# 611
Delta R.T. 0.071 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

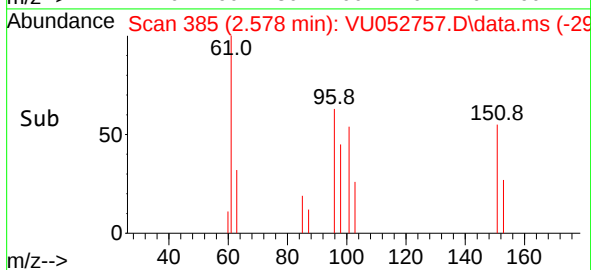
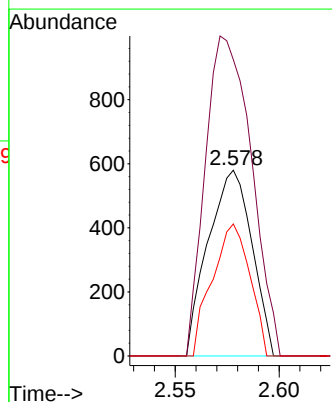
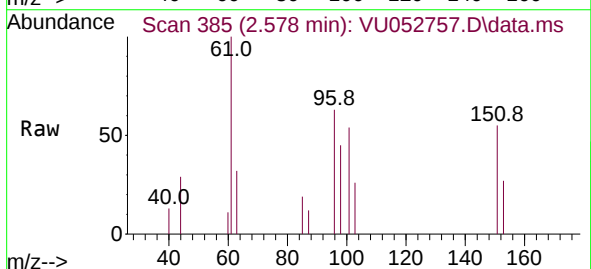
Instrument :
MSVOA_U
ClientSampleId :
MDL07

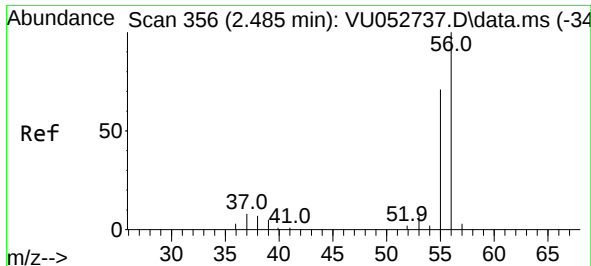
Tgt Ion: 59 Resp: 956
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 0.408 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

Tgt Ion: 96 Resp: 849
Ion Ratio Lower Upper
96 100
61 159.5 129.8 194.6
98 71.0 49.9 74.9





#13

Acrolein

Concen: 2.949 ug/l

RT: 2.491 min Scan# 3

Delta R.T. 0.006 min

Lab File: VU052757.D

Acq: 20 Jan 2023 12:59

Instrument :

MSVOA_U

ClientSampleId :

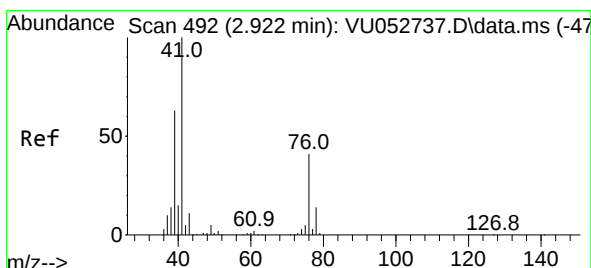
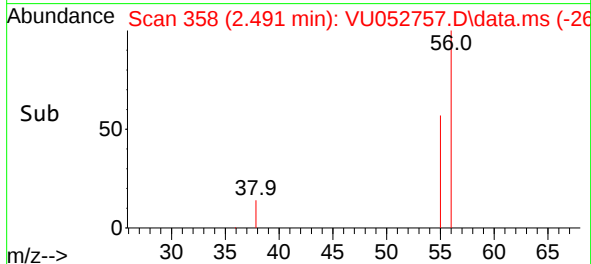
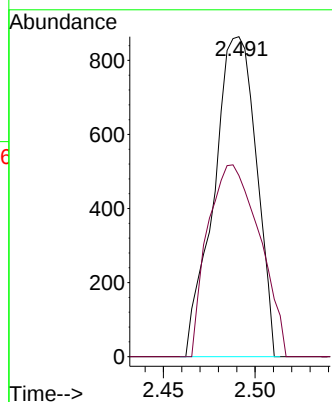
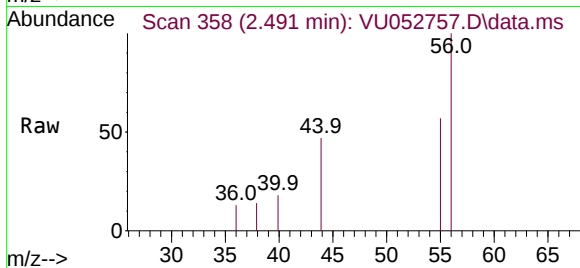
MDL07

Tgt Ion: 56 Resp: 1393

Ion Ratio Lower Upper

56 100

55 72.9 57.2 85.8



#14

Allyl chloride

Concen: 0.326 ug/l

RT: 2.919 min Scan# 491

Delta R.T. -0.003 min

Lab File: VU052757.D

Acq: 20 Jan 2023 12:59

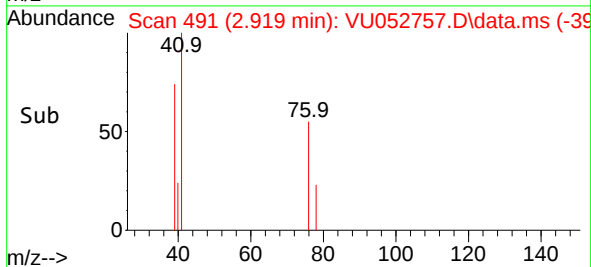
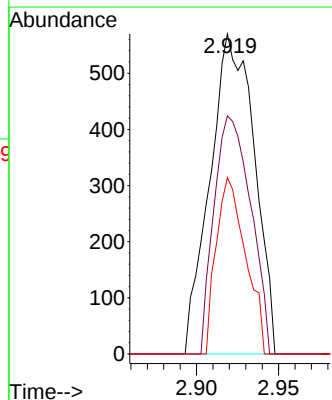
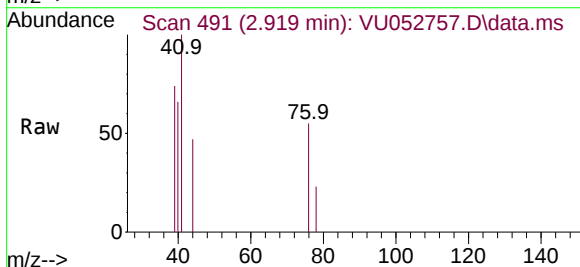
Tgt Ion: 41 Resp: 1068

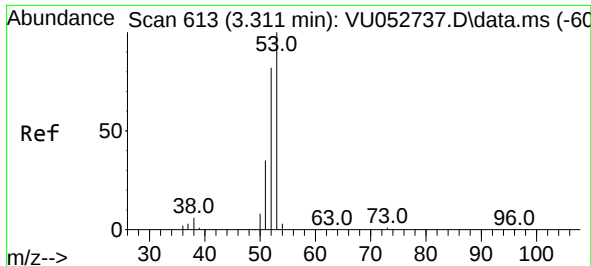
Ion Ratio Lower Upper

41 100

39 61.7 48.2 72.2

76 36.6 29.4 44.0

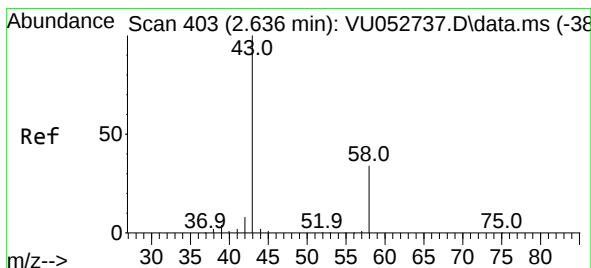
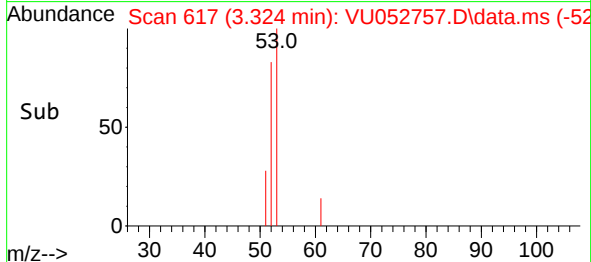
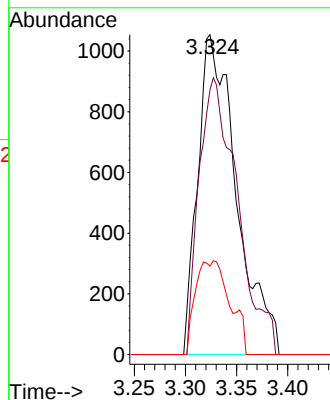
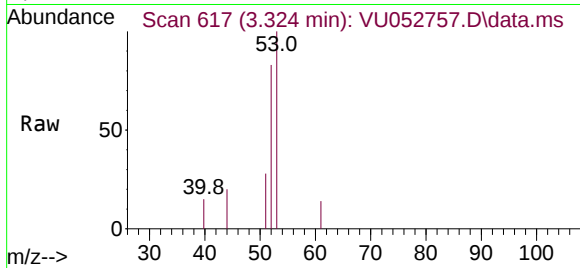




#15
Acrylonitrile
Concen: 2.091 ug/l m
RT: 3.324 min Scan# 613
Delta R.T. 0.013 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

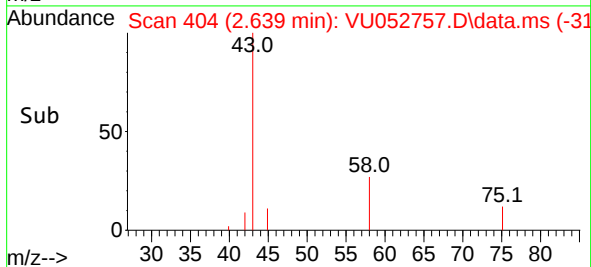
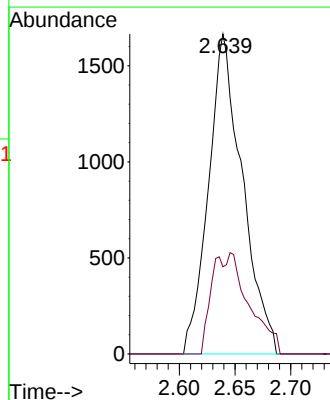
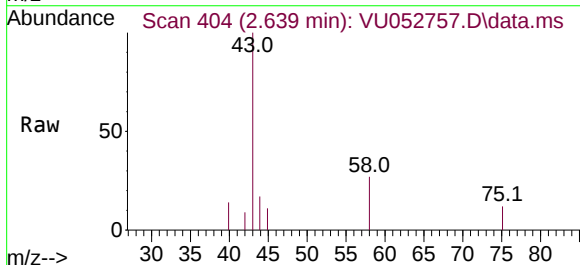
Instrument :
MSVOA_U
ClientSampleId :
MDL07

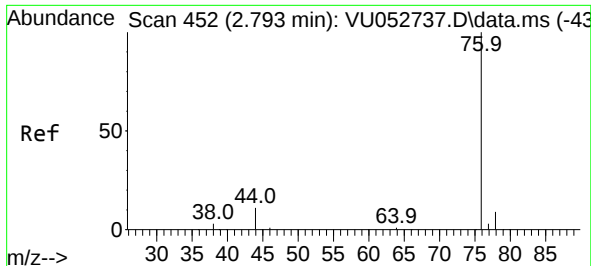
Tgt Ion: 53 Resp: 2772
Ion Ratio Lower Upper
53 100
52 85.9 64.9 97.3
51 11.9 27.6 41.4#



#16
Acetone
Concen: 2.619 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.003 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

Tgt Ion: 43 Resp: 3520
Ion Ratio Lower Upper
43 100
58 27.3 27.1 40.7

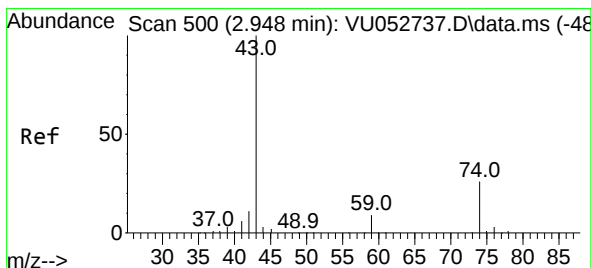
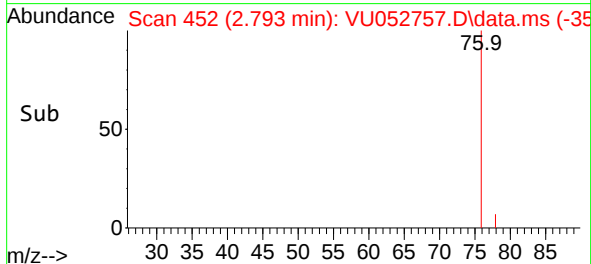
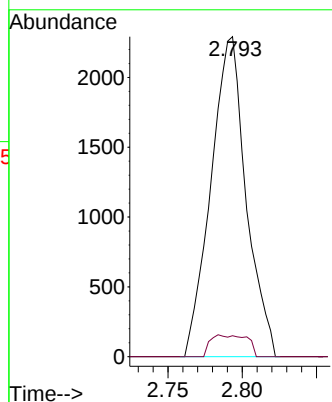
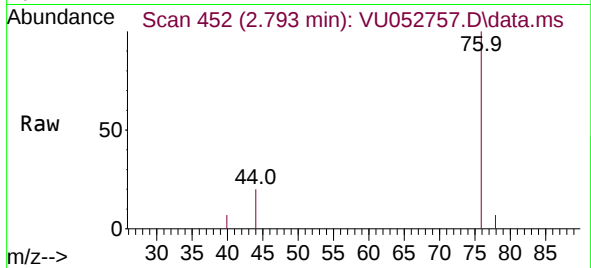




#17
Carbon Disulfide
Concen: 0.605 ug/l
RT: 2.793 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

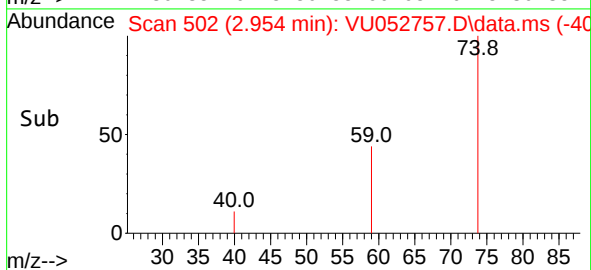
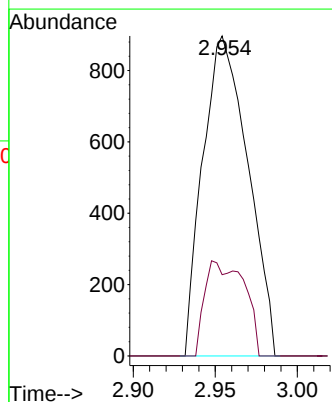
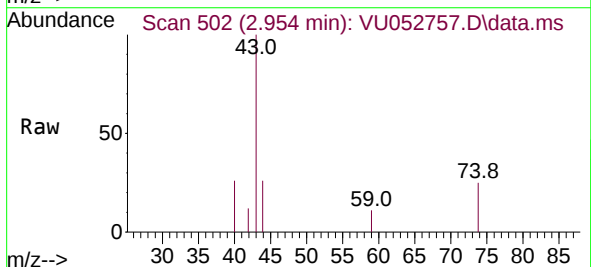
Instrument :
MSVOA_U
ClientSampleId :
MDL07

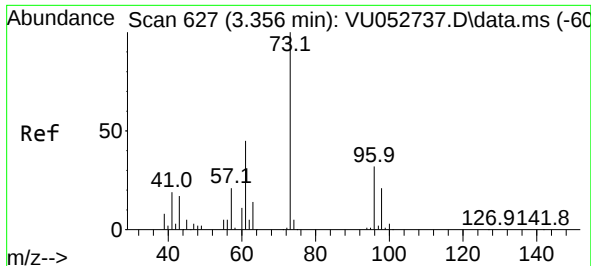
Tgt Ion: 76 Resp: 3777
Ion Ratio Lower Upper
76 100
78 6.5 7.4 11.2#



#18
Methyl Acetate
Concen: 0.460 ug/l
RT: 2.954 min Scan# 502
Delta R.T. 0.007 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

Tgt Ion: 43 Resp: 1712
Ion Ratio Lower Upper
43 100
74 14.7 21.1 31.7#

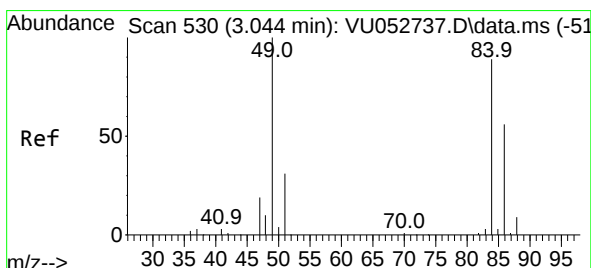
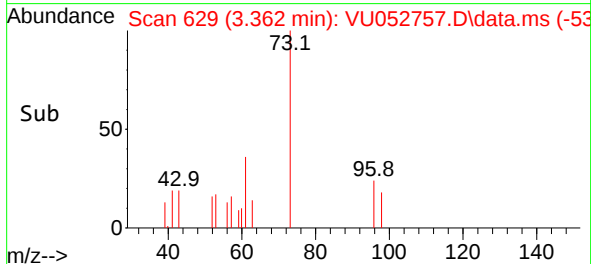
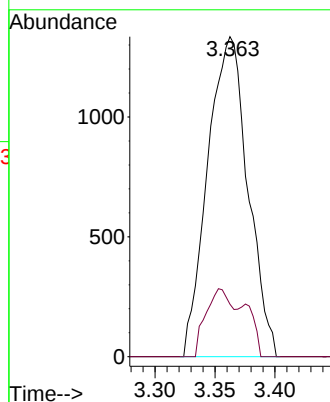
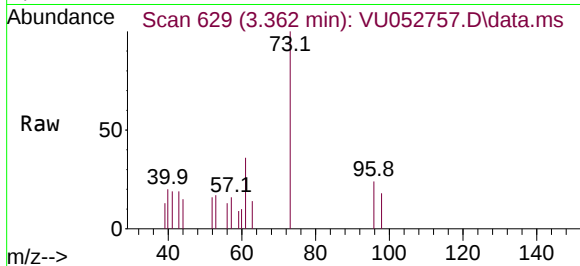




#19
Methyl tert-butyl Ether
Concen: 0.441 ug/l
RT: 3.362 min Scan# 61
Delta R.T. 0.007 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

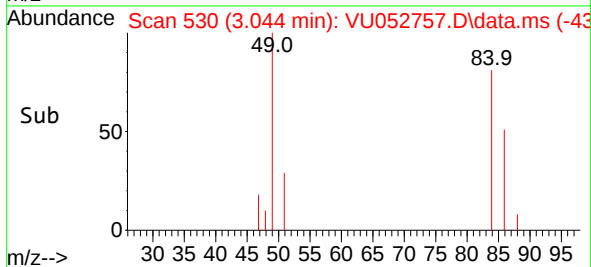
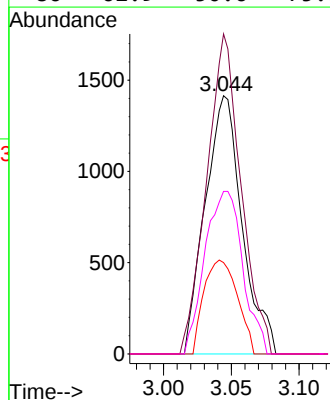
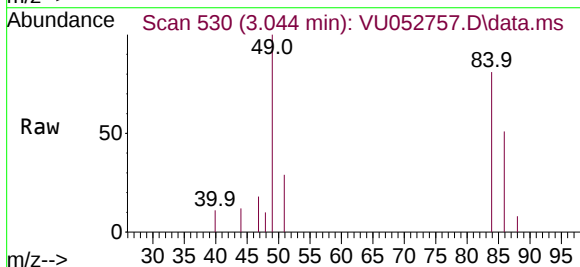
Instrument :
MSVOA_U
ClientSampleId :
MDL07

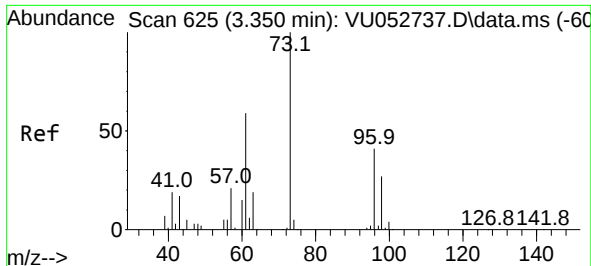
Tgt Ion: 73 Resp: 3112
Ion Ratio Lower Upper
73 100
57 16.4 16.9 25.3#



#20
Methylene Chloride
Concen: 0.887 ug/l
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

Tgt Ion: 84 Resp: 2682
Ion Ratio Lower Upper
84 100
49 123.9 90.2 135.4
51 35.3 28.1 42.1
86 62.9 50.6 75.8

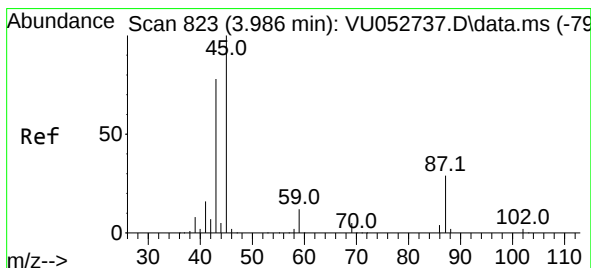
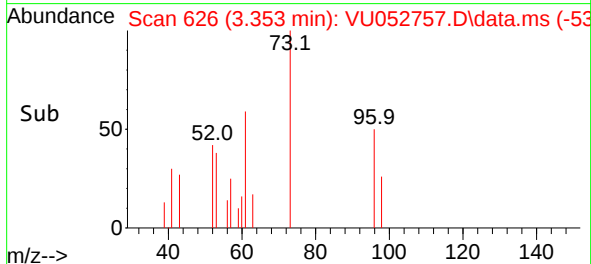
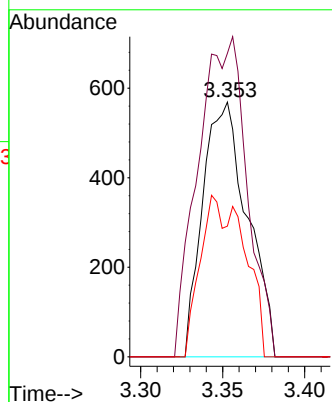
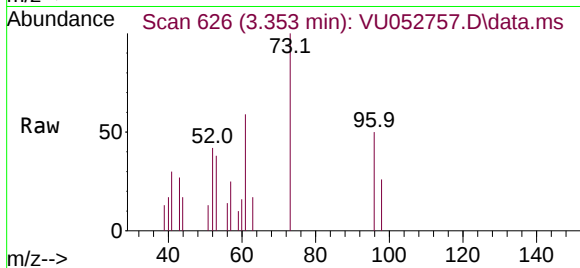




#21
trans-1,2-Dichloroethene
Concen: 0.479 ug/l
RT: 3.353 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

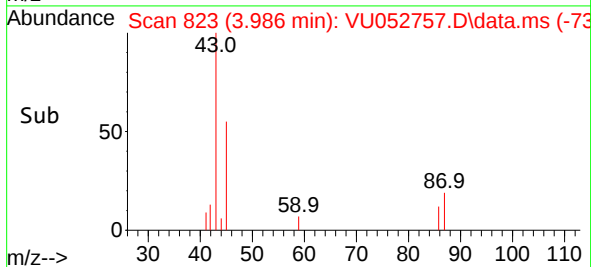
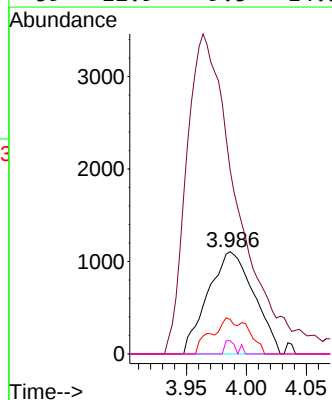
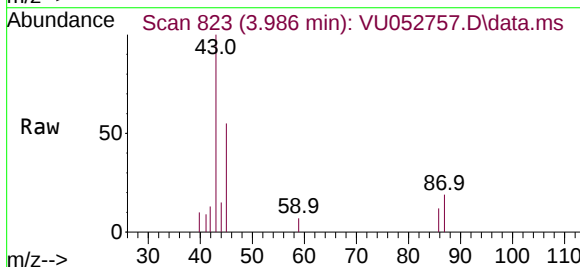
Instrument :
MSVOA_U
ClientSampleId :
MDL07

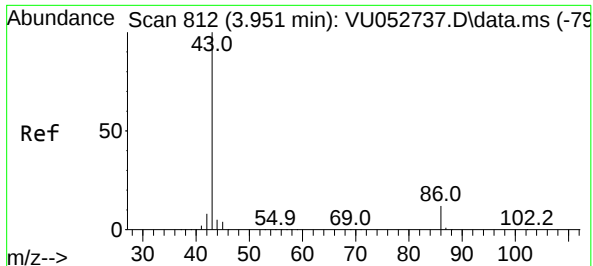
Tgt Ion: 96 Resp: 1075
Ion Ratio Lower Upper
96 100
61 119.2 114.7 172.1
98 51.3 52.4 78.6#



#22
Diisopropyl ether
Concen: 0.432 ug/l
RT: 3.986 min Scan# 823
Delta R.T. 0.000 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

Tgt Ion: 45 Resp: 2950
Ion Ratio Lower Upper
45 100
43 143.3 64.6 97.0#
87 33.8 23.2 34.8
59 12.9 9.5 14.3

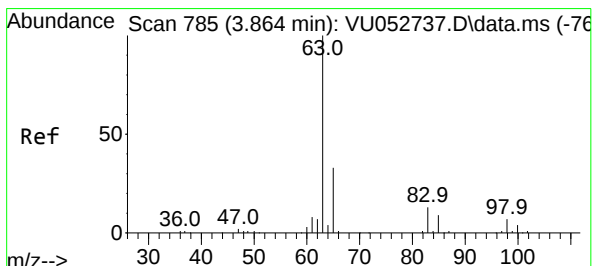
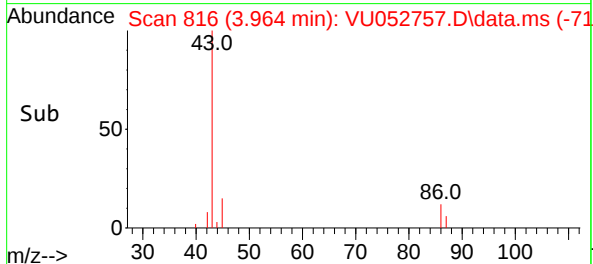
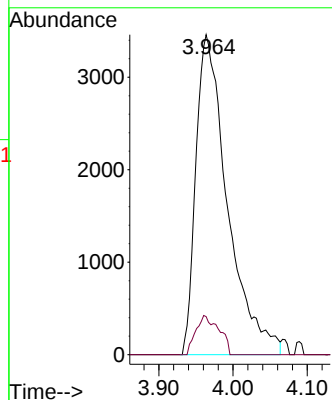
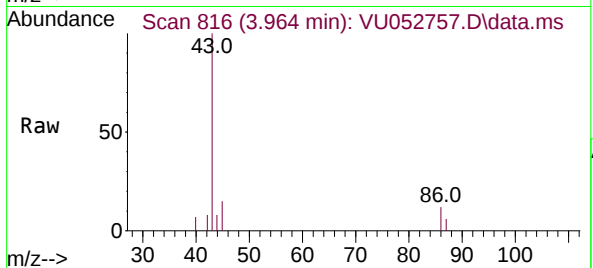




#23
 Vinyl Acetate
 Concen: 1.953 ug/l
 RT: 3.964 min Scan# 812
 Delta R.T. 0.013 min
 Lab File: VU052757.D
 Acq: 20 Jan 2023 12:59

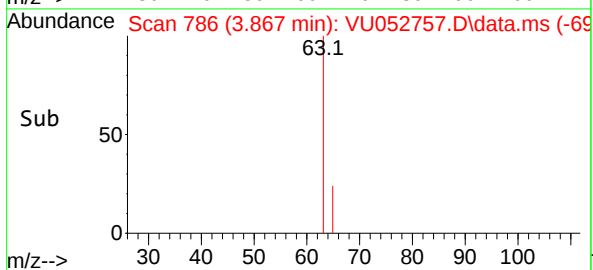
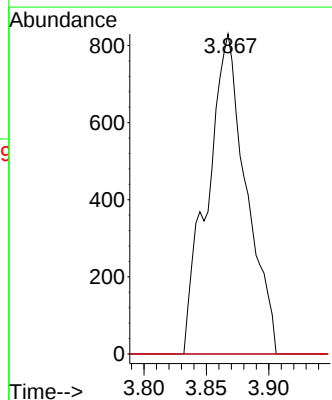
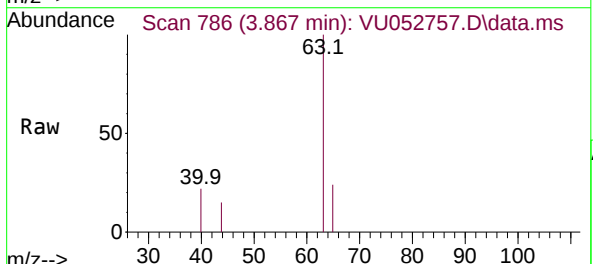
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

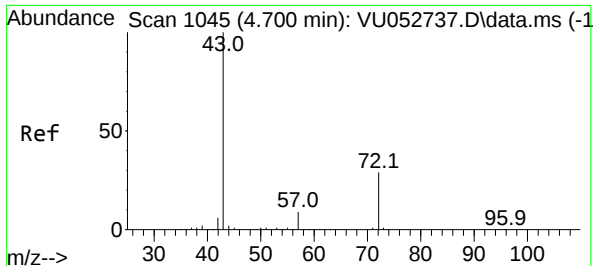
Tgt Ion: 43 Resp: 10225
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 0.414 ug/l
 RT: 3.867 min Scan# 786
 Delta R.T. 0.003 min
 Lab File: VU052757.D
 Acq: 20 Jan 2023 12:59

Tgt Ion: 63 Resp: 1791
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.9#
 100 0.0 2.2 6.6#





#25

2-Butanone

Concen: 1.904 ug/l m

RT: 4.726 min Scan# 1

Delta R.T. 0.026 min

Lab File: VU052757.D

Acq: 20 Jan 2023 12:59

Instrument :

MSVOA_U

ClientSampleId :

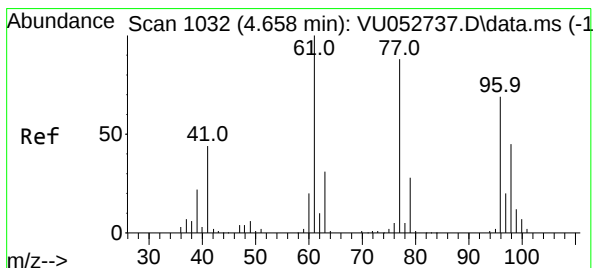
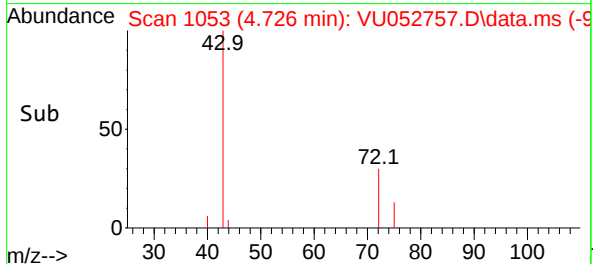
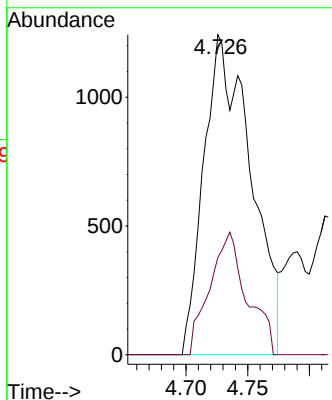
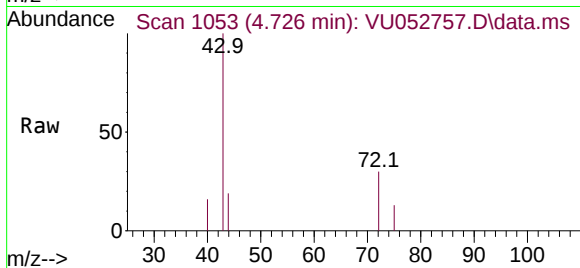
MDL07

Tgt Ion: 43 Resp: 3300

Ion Ratio Lower Upper

43 100

72 30.4 23.3 34.9



#26

2,2-Dichloropropane

Concen: 0.488 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.007 min

Lab File: VU052757.D

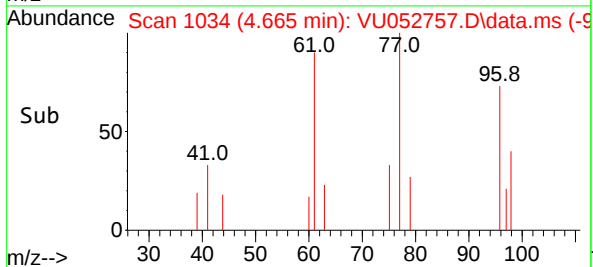
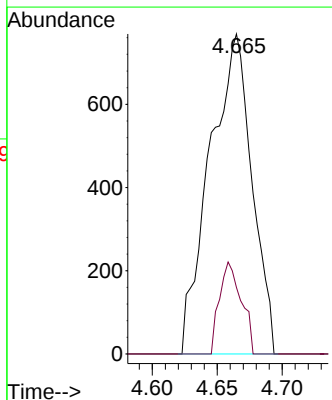
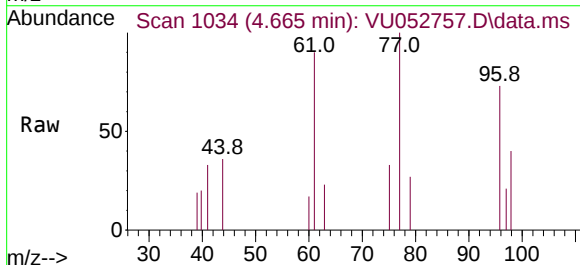
Acq: 20 Jan 2023 12:59

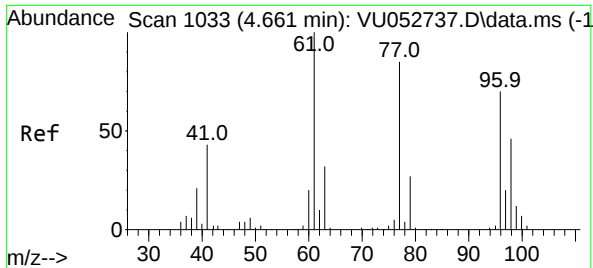
Tgt Ion: 77 Resp: 1734

Ion Ratio Lower Upper

77 100

97 14.9 11.3 33.8

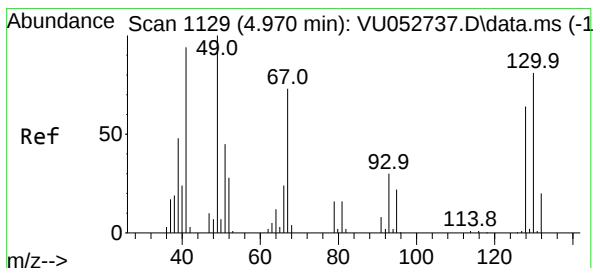
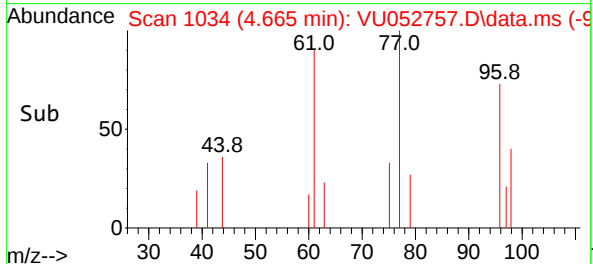
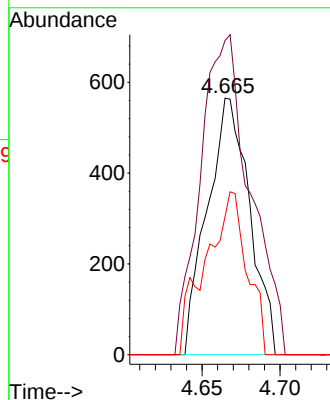
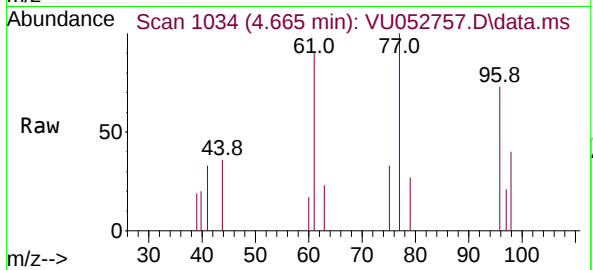




#27
 cis-1,2-Dichloroethene
 Concen: 0.433 ug/l
 RT: 4.665 min Scan# 1033
 Delta R.T. 0.003 min
 Lab File: VU052757.D
 Acq: 20 Jan 2023 12:59

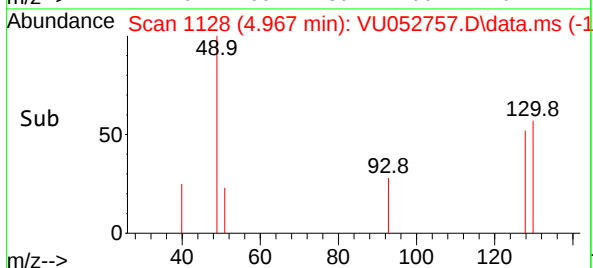
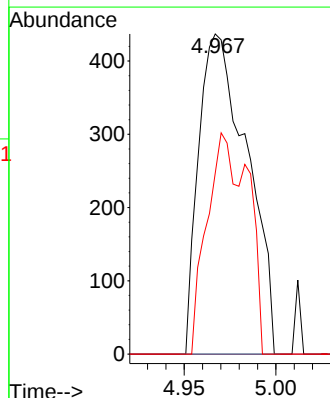
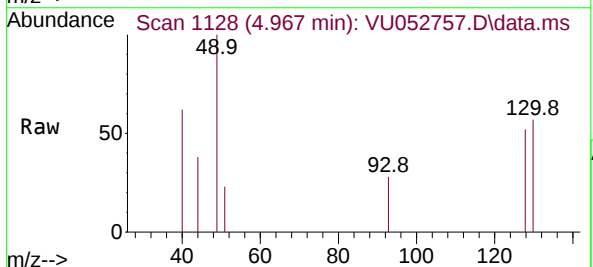
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

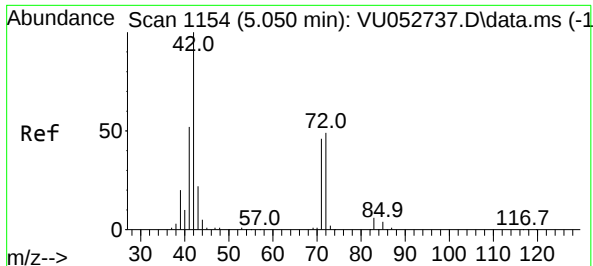
Tgt Ion: 96	Resp:	1068
Ion	Ratio	Lower Upper
96	100	
61	146.3	0.0 287.2
98	62.4	0.0 128.4



#28
 Bromochloromethane
 Concen: 0.443 ug/l
 RT: 4.967 min Scan# 1128
 Delta R.T. -0.003 min
 Lab File: VU052757.D
 Acq: 20 Jan 2023 12:59

Tgt Ion: 49	Resp:	801
Ion	Ratio	Lower Upper
49	100	
129	0.0	0.0 4.6
130	42.6	65.5 98.3





#29

Tetrahydrofuran

Concen: 2.074 ug/l

RT: 5.070 min Scan# 1160

Delta R.T. 0.019 min

Lab File: VU052757.D

Acq: 20 Jan 2023 12:59

Instrument :

MSVOA_U

ClientSampleId :

MDL07

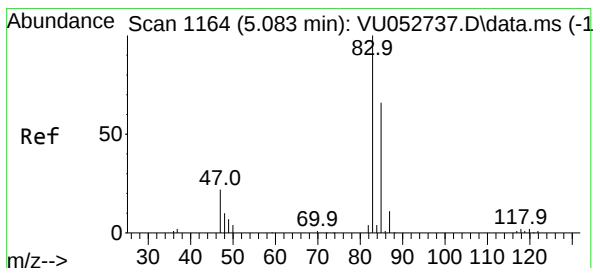
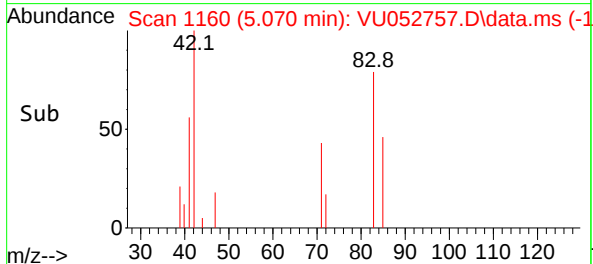
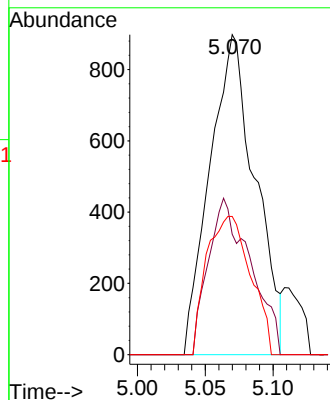
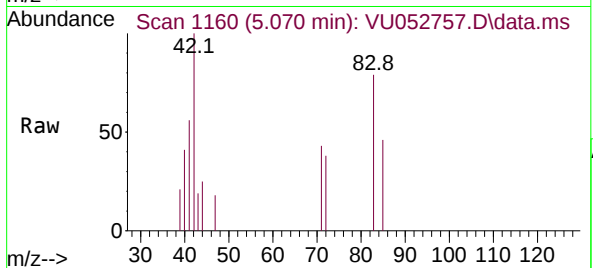
Tgt Ion: 42 Resp: 2087

Ion Ratio Lower Upper

42 100

72 45.5 40.5 60.7

71 41.9 37.4 56.0



#30

Chloroform

Concen: 0.538 ug/l

RT: 5.086 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU052757.D

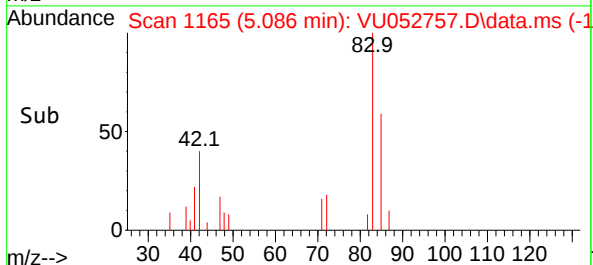
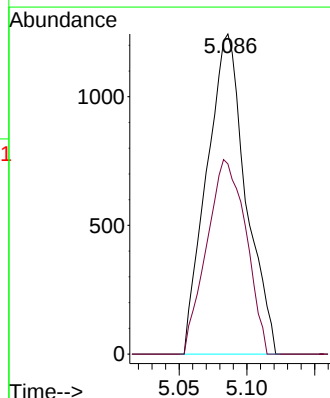
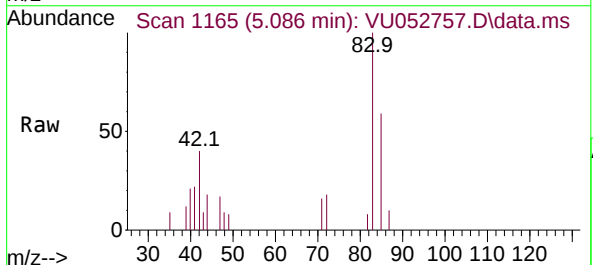
Acq: 20 Jan 2023 12:59

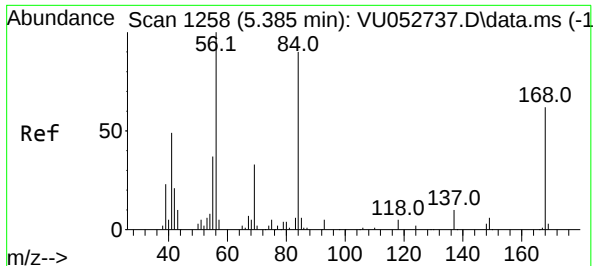
Tgt Ion: 83 Resp: 2490

Ion Ratio Lower Upper

83 100

85 59.4 52.6 79.0

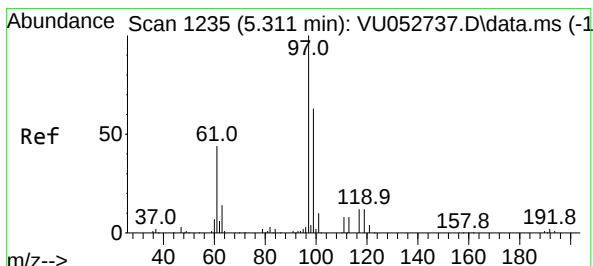
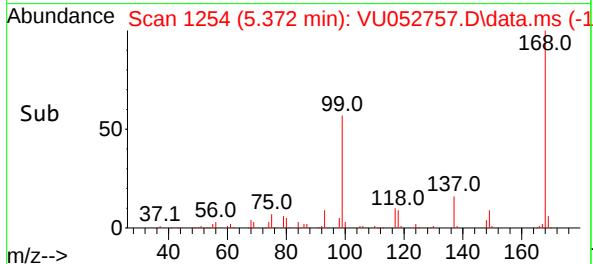
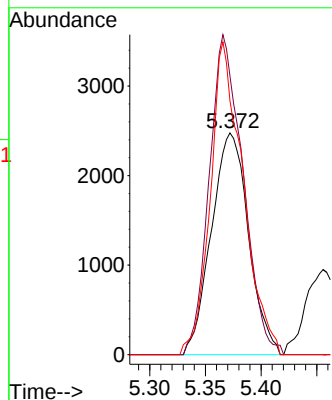
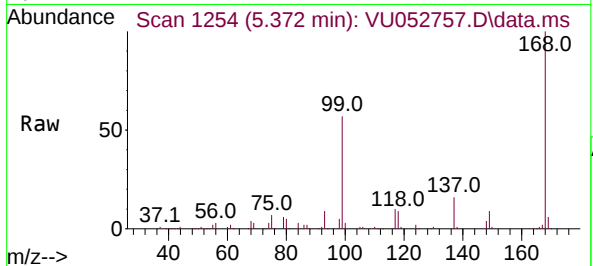




#31
Cyclohexane
Concen: 1.453 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.013 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

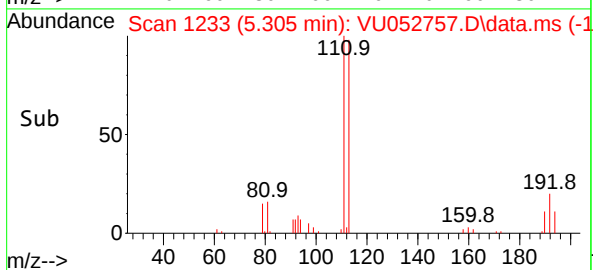
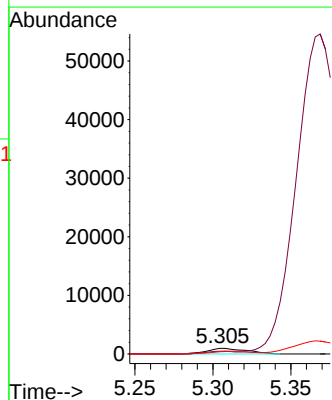
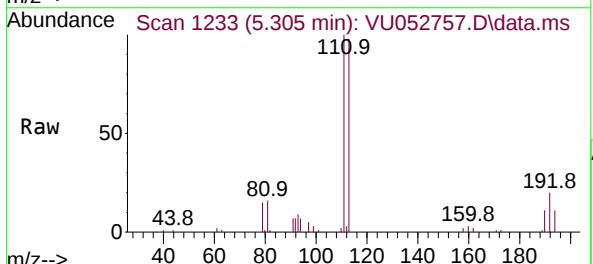
Instrument :
MSVOA_U
ClientSampleId :
MDL07

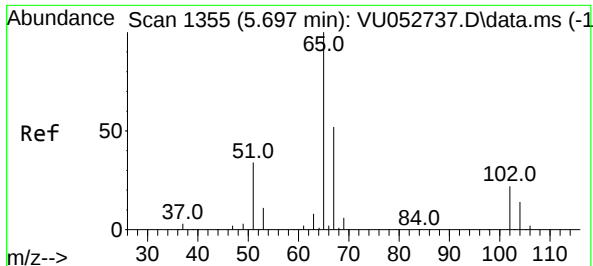
Tgt Ion: 56 Resp: 5742
Ion Ratio Lower Upper
56 100
69 125.7 26.2 39.2#
84 114.6 72.2 108.4#



#32
1,1,1-Trichloroethane
Concen: 0.445 ug/l
RT: 5.305 min Scan# 1233
Delta R.T. -0.006 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

Tgt Ion: 97 Resp: 1685
Ion Ratio Lower Upper
97 100
99 0.0 50.5 75.7#
61 44.4 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 51.299 ug/l

RT: 5.697 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU052757.D

Acq: 20 Jan 2023 12:59

Instrument :

MSVOA_U

ClientSampleId :

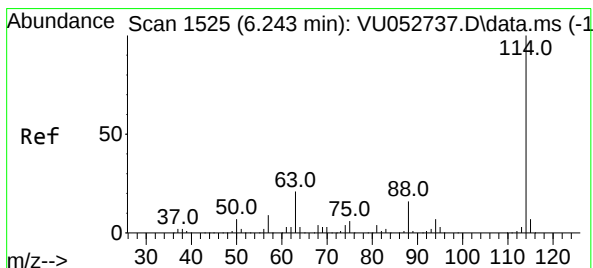
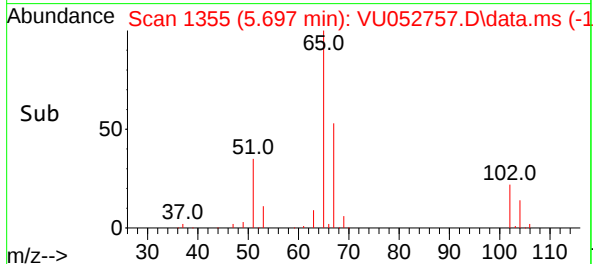
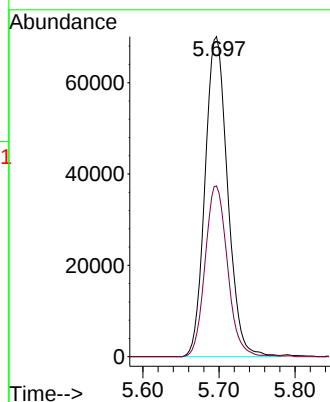
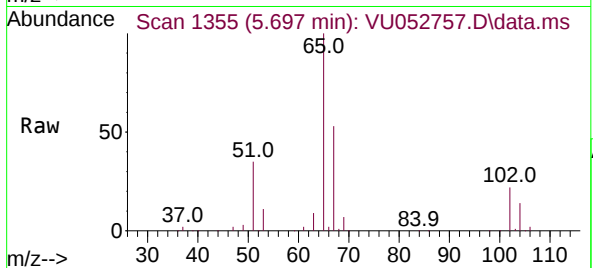
MDL07

Tgt Ion: 65 Resp: 144665

Ion Ratio Lower Upper

65 100

67 53.0 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: VU052757.D

Acq: 20 Jan 2023 12:59

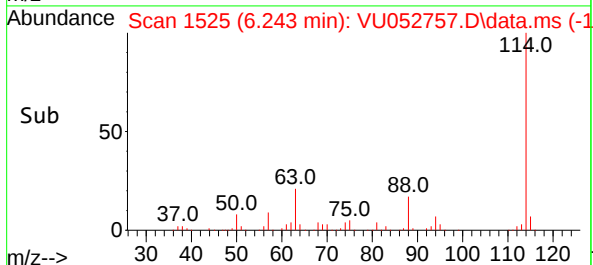
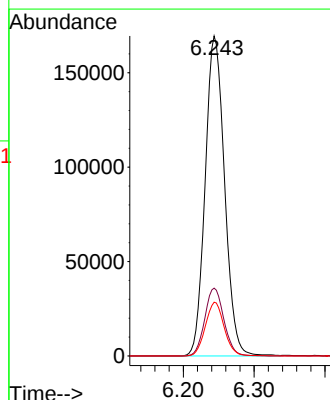
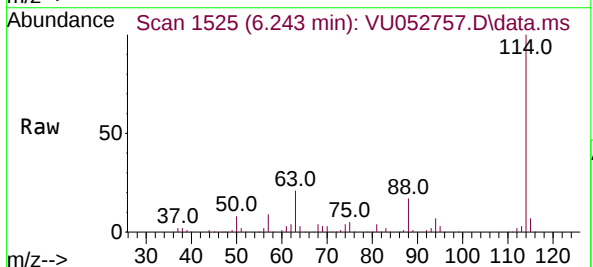
Tgt Ion: 114 Resp: 322370

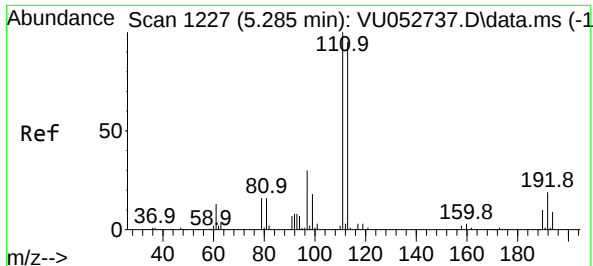
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.4

88 16.8 0.0 32.8

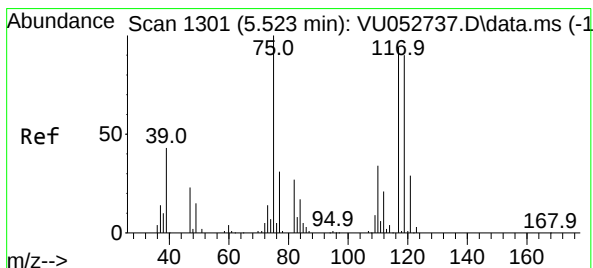
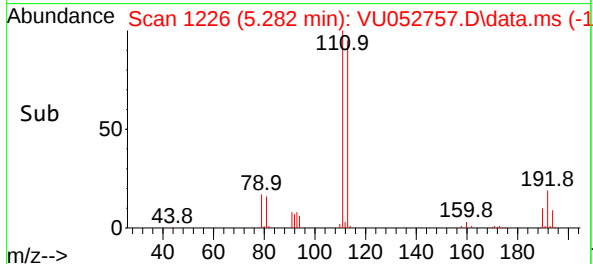
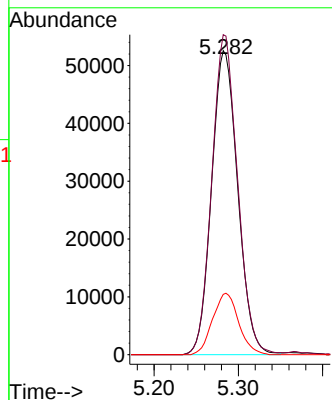
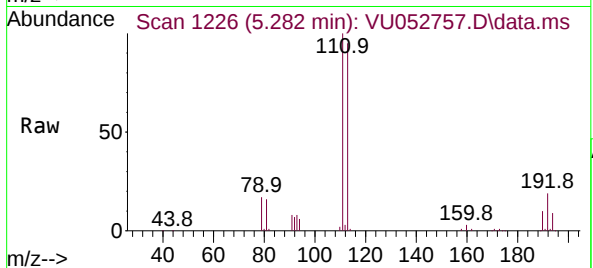




#35
Dibromofluoromethane
Concen: 50.470 ug/l
RT: 5.282 min Scan# 113
Delta R.T. -0.003 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

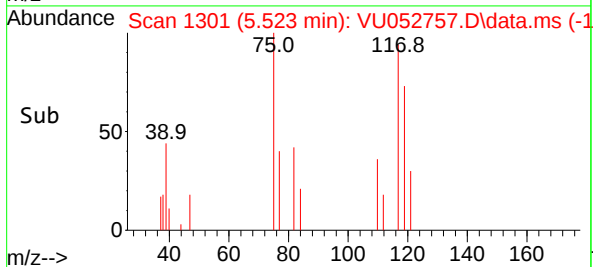
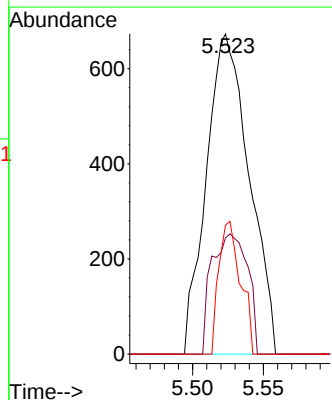
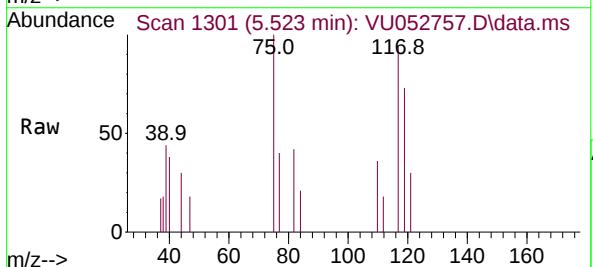
Instrument :
MSVOA_U
ClientSampleId :
MDL07

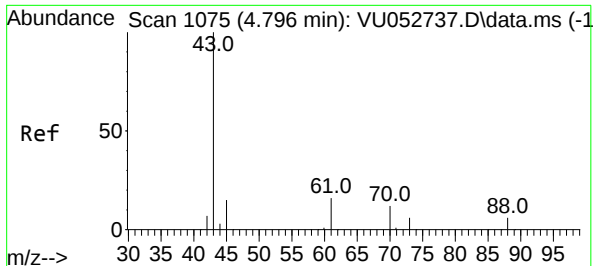
Tgt Ion:113 Resp: 113291
Ion Ratio Lower Upper
113 100
111 103.7 81.2 121.8
192 20.1 15.7 23.5



#36
1,1-Dichloropropene
Concen: 0.440 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

Tgt Ion: 75 Resp: 1417
Ion Ratio Lower Upper
75 100
110 31.2 17.1 51.2
77 21.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 0.433 ug/l m

RT: 4.829 min Scan# 1

Delta R.T. 0.032 min

Lab File: VU052757.D

Acq: 20 Jan 2023 12:59

Instrument :

MSVOA_U

ClientSampleId :

MDL07

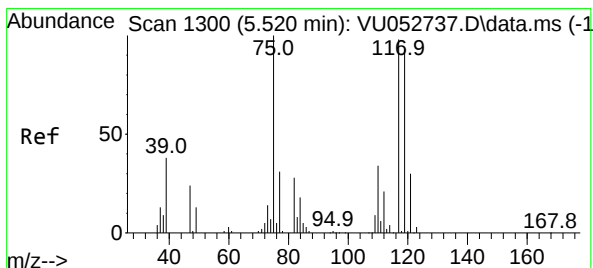
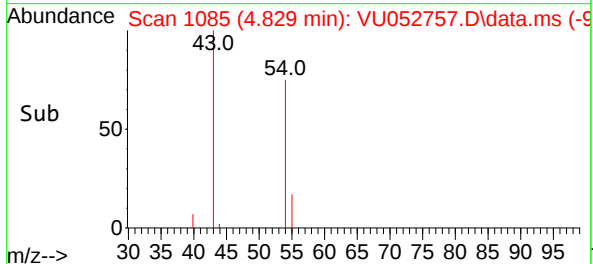
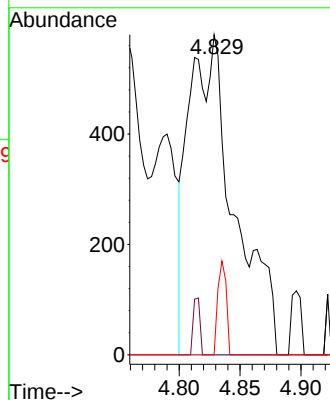
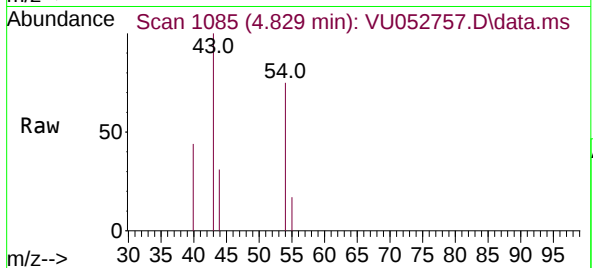
Tgt Ion: 43 Resp: 1517

Ion Ratio Lower Upper

43 100

61 0.0 12.2 18.4#

70 0.0 8.9 13.3#



#38

Carbon Tetrachloride

Concen: 0.383 ug/l

RT: 5.514 min Scan# 1298

Delta R.T. -0.006 min

Lab File: VU052757.D

Acq: 20 Jan 2023 12:59

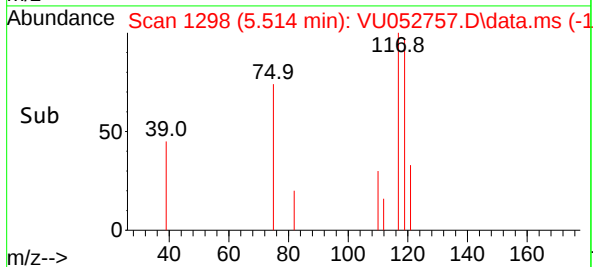
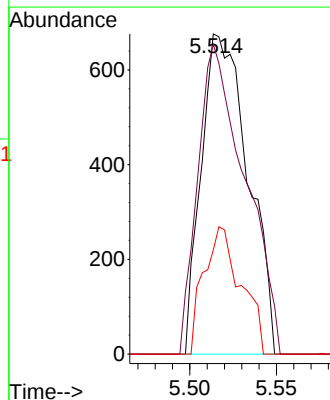
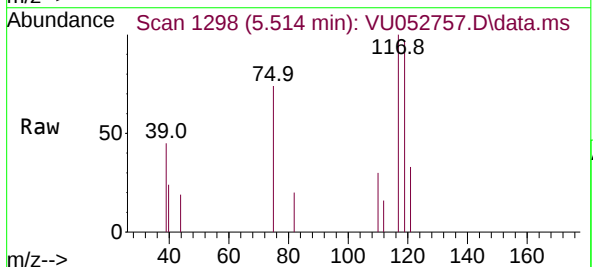
Tgt Ion: 117 Resp: 1268

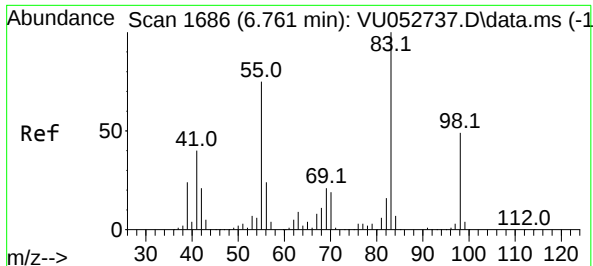
Ion Ratio Lower Upper

117 100

119 96.7 75.6 113.4

121 32.5 24.2 36.4





#39

Methylcyclohexane

Concen: 0.418 ug/l

RT: 6.755 min Scan# 1

Delta R.T. -0.006 min

Lab File: VU052757.D

Acq: 20 Jan 2023 12:59

Instrument :

MSVOA_U

ClientSampleId :

MDL07

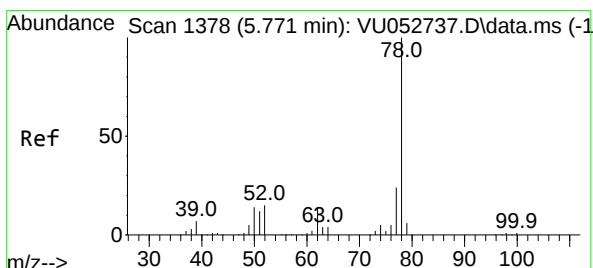
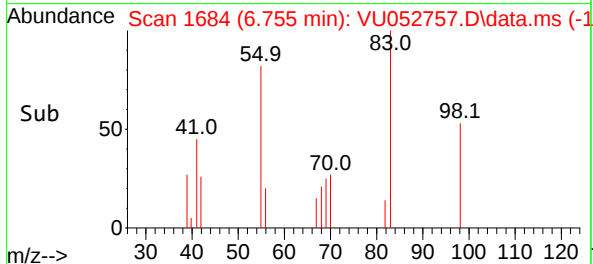
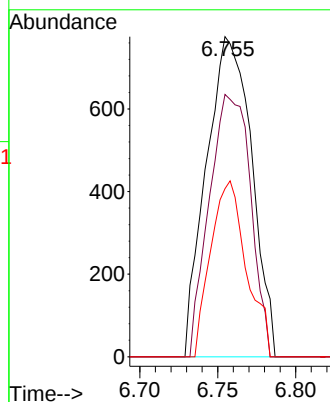
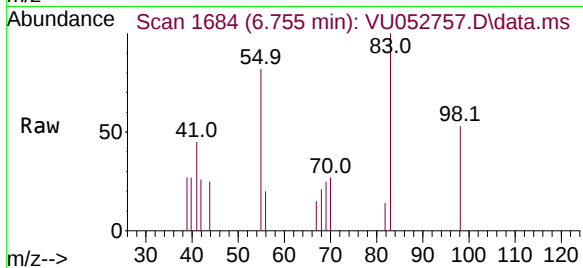
Tgt Ion: 83 Resp: 1567

Ion Ratio Lower Upper

83 100

55 81.9 60.4 90.6

98 52.5 38.9 58.3



#40

Benzene

Concen: 0.453 ug/l

RT: 5.771 min Scan# 1378

Delta R.T. 0.000 min

Lab File: VU052757.D

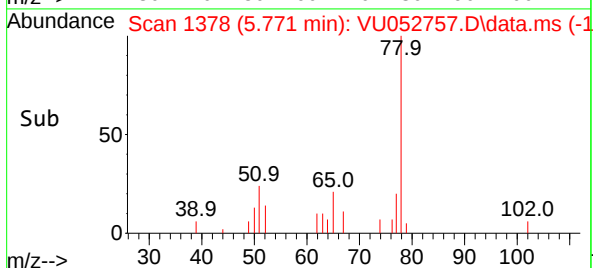
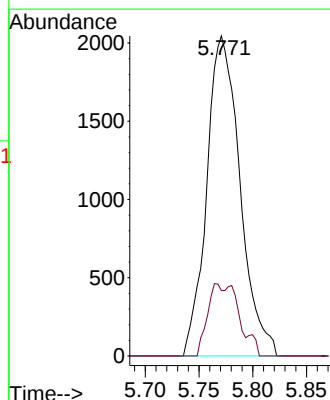
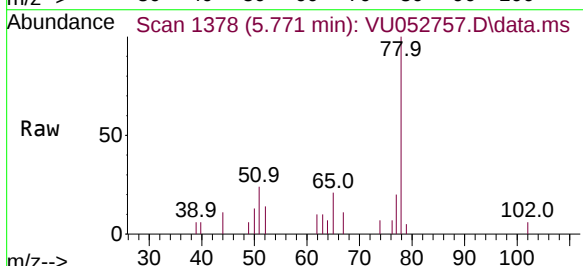
Acq: 20 Jan 2023 12:59

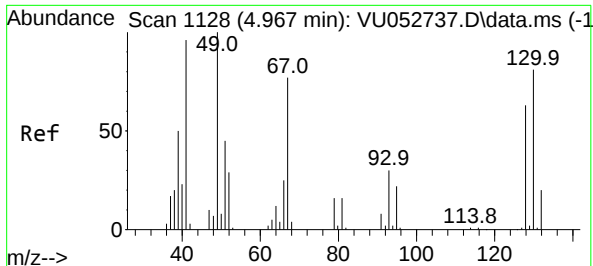
Tgt Ion: 78 Resp: 4405

Ion Ratio Lower Upper

78 100

77 20.5 18.9 28.3

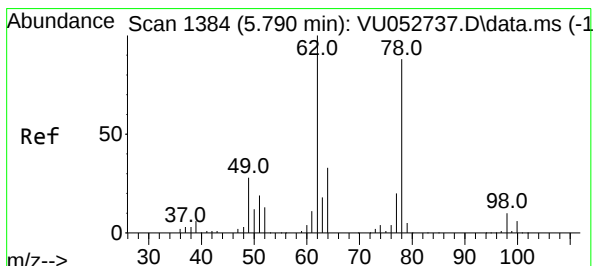
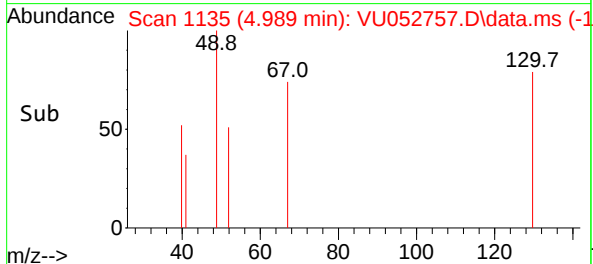
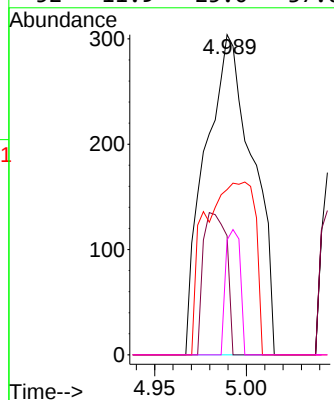
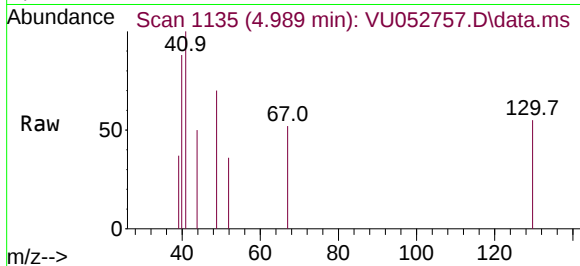




#41
Methacrylonitrile
Concen: 0.324 ug/l
RT: 4.989 min Scan# 1135
Delta R.T. 0.023 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

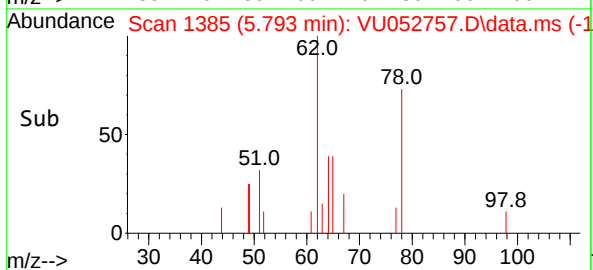
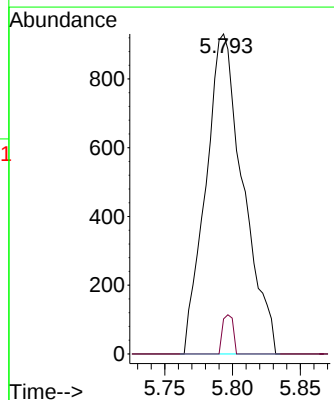
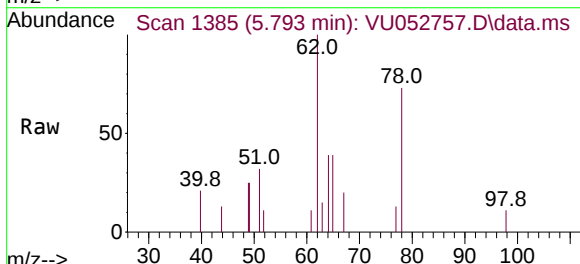
Instrument :
MSVOA_U
ClientSampleId :
MDL07

Tgt Ion: 41	Resp: 548
Ion Ratio	Lower Upper
41 100	
39 21.5	42.2 63.2#
67 56.8	65.0 97.6#
52 11.9	25.0 37.6#



#42
1,2-Dichloroethane
Concen: 0.507 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.003 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

Tgt Ion: 62	Resp: 1782
Ion Ratio	Lower Upper
62 100	
98 3.5	0.0 19.0





#43

Isopropyl Acetate

Concen: 0.441 ug/l

RT: 5.919 min Scan# 1420

Delta R.T. 0.013 min

Lab File: VU052757.D

Acq: 20 Jan 2023 12:59

Instrument :

MSVOA_U

ClientSampleId :

MDL07

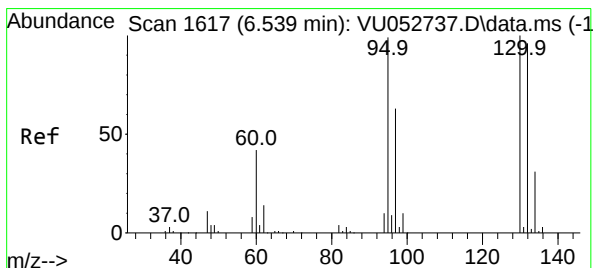
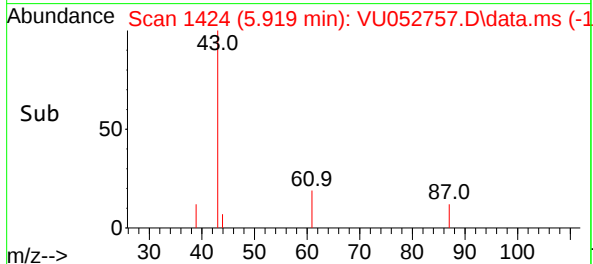
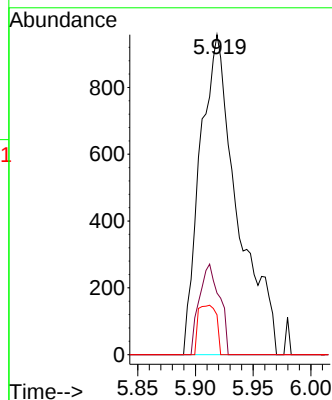
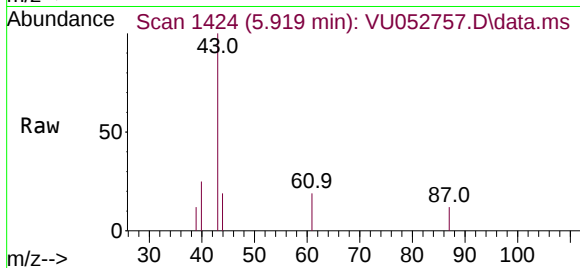
Tgt Ion: 43 Resp: 2150

Ion Ratio Lower Upper

43 100

61 15.3 18.1 27.1#

87 7.4 11.7 17.5#



#44

Trichloroethene

Concen: 0.513 ug/l

RT: 6.539 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VU052757.D

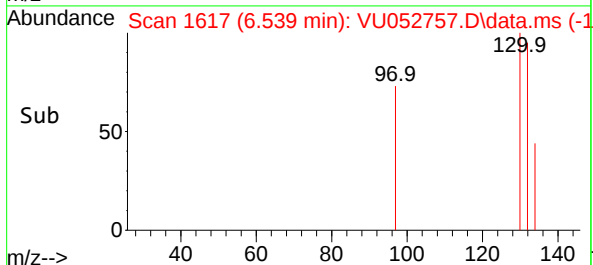
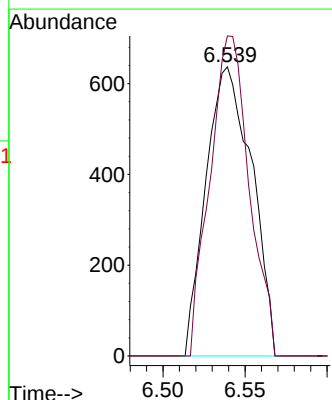
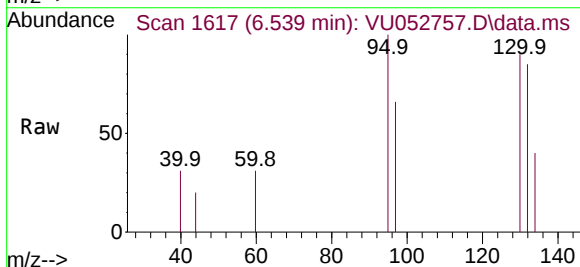
Acq: 20 Jan 2023 12:59

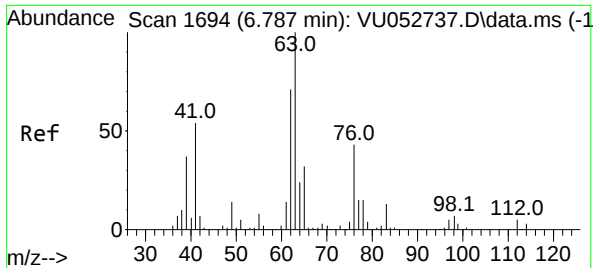
Tgt Ion:130 Resp: 1235

Ion Ratio Lower Upper

130 100

95 110.7 0.0 198.2





#45

1,2-Dichloropropane

Concen: 0.484 ug/l

RT: 6.787 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052757.D

Acq: 20 Jan 2023 12:59

Instrument :

MSVOA_U

ClientSampleId :

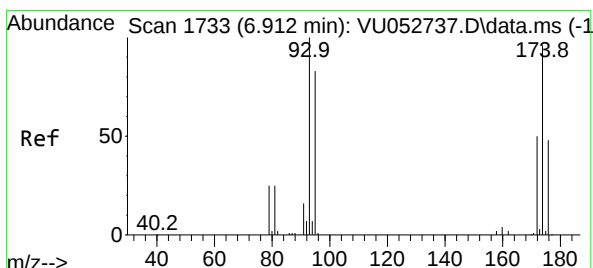
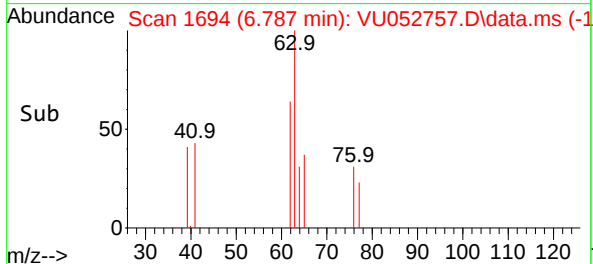
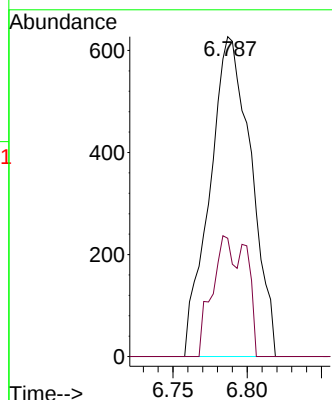
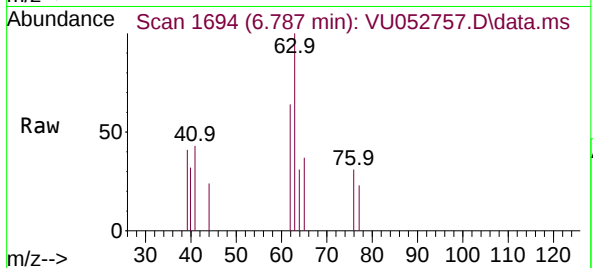
MDL07

Tgt Ion: 63 Resp: 1215

Ion Ratio Lower Upper

63 100

65 37.0 26.0 39.0



#46

Dibromomethane

Concen: 0.530 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.007 min

Lab File: VU052757.D

Acq: 20 Jan 2023 12:59

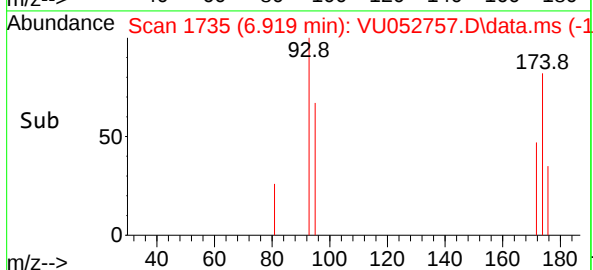
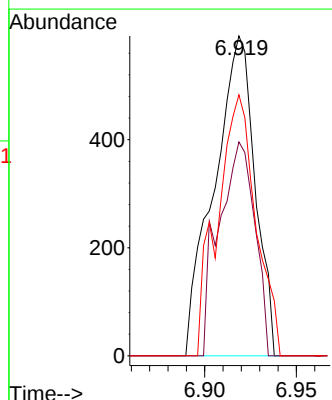
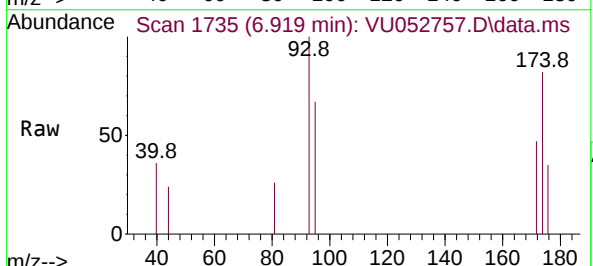
Tgt Ion: 93 Resp: 920

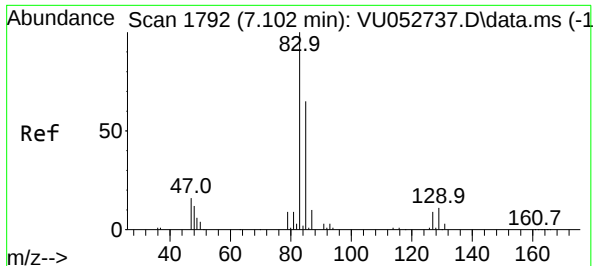
Ion Ratio Lower Upper

93 100

95 58.6 66.6 99.8#

174 76.6 78.6 117.8#





#47

Bromodichloromethane

Concen: 0.546 ug/l

RT: 7.102 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052757.D

Acq: 20 Jan 2023 12:59

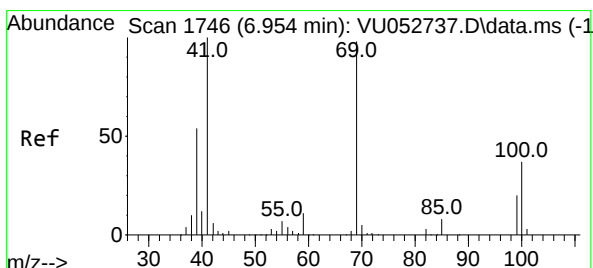
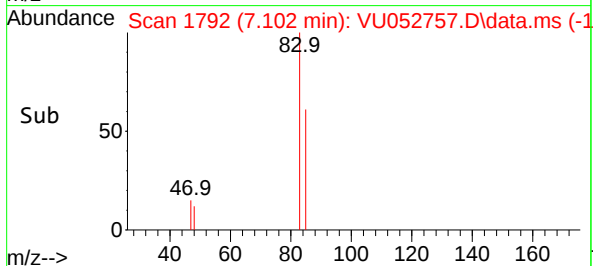
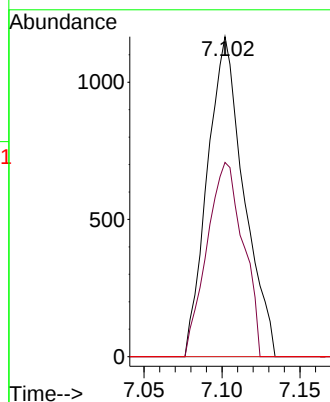
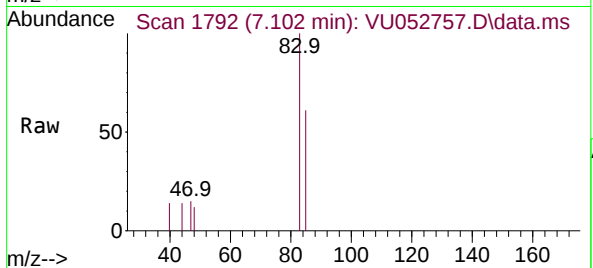
Instrument :

MSVOA_U

ClientSampleId :

MDL07

Tgt Ion: 83	Resp:	1897
Ion	Ratio	Lower Upper
83	100	
85	60.7	51.6 77.4
127	0.0	6.9 10.3



#48

Methyl methacrylate

Concen: 0.362 ug/l

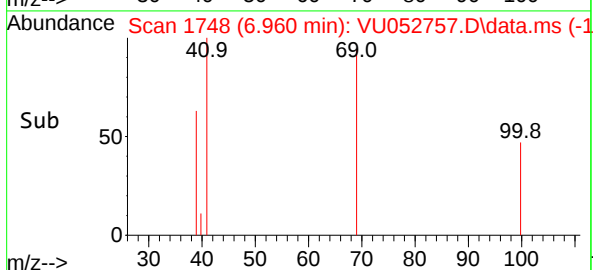
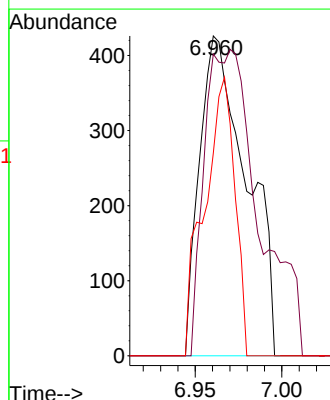
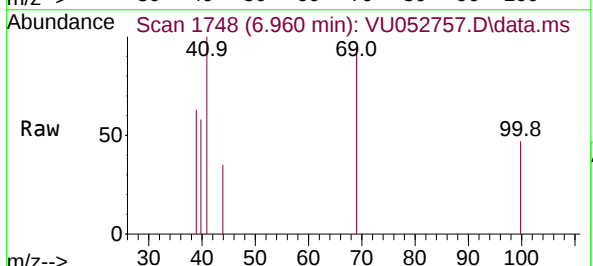
RT: 6.960 min Scan# 1748

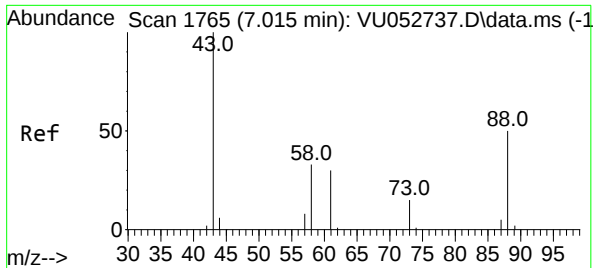
Delta R.T. 0.006 min

Lab File: VU052757.D

Acq: 20 Jan 2023 12:59

Tgt Ion: 41	Resp:	805
Ion	Ratio	Lower Upper
41	100	
69	110.8	77.2 115.8
39	56.4	42.9 64.3





#49

1,4-Dioxane

Concen: 4.363 ug/l

RT: 7.031 min Scan# 11

Delta R.T. 0.016 min

Lab File: VU052757.D

Acq: 20 Jan 2023 12:59

Instrument :

MSVOA_U

ClientSampleId :

MDL07

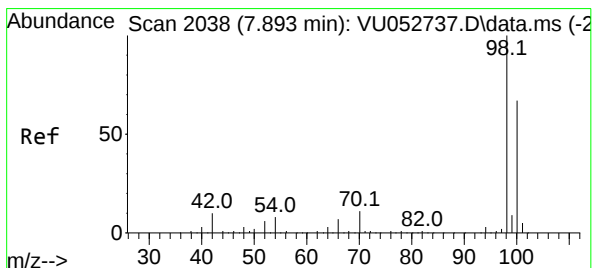
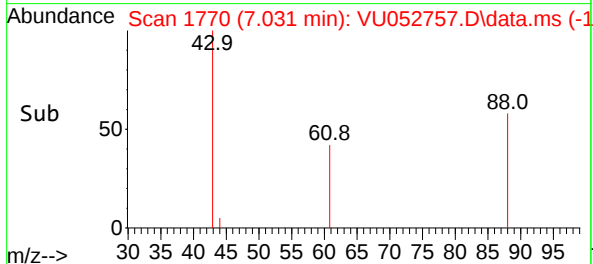
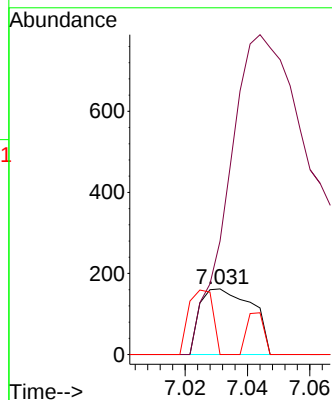
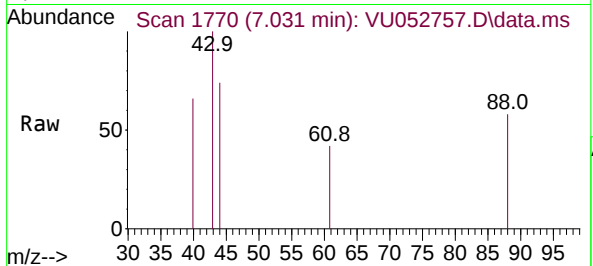
Tgt Ion: 88 Resp: 188

Ion Ratio Lower Upper

88 100

43 0.0 374.7 562.1#

58 45.7 59.2 88.8#



#50

Toluene-d8

Concen: 46.780 ug/l

RT: 7.893 min Scan# 2038

Delta R.T. 0.000 min

Lab File: VU052757.D

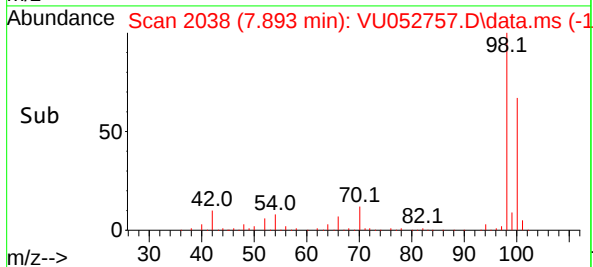
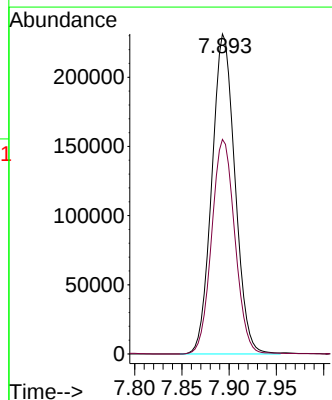
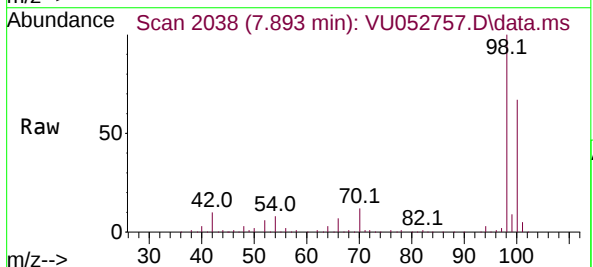
Acq: 20 Jan 2023 12:59

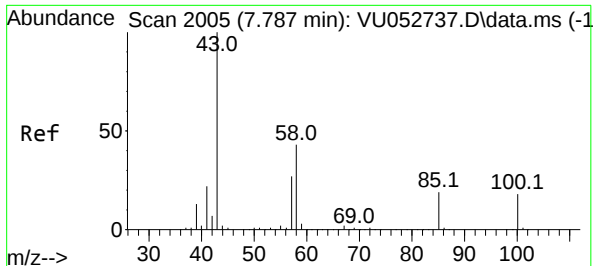
Tgt Ion: 98 Resp: 393796

Ion Ratio Lower Upper

98 100

100 67.4 53.7 80.5





#51

4-Methyl-2-Pentanone

Concen: 1.924 ug/l

RT: 7.790 min Scan# 2005

Delta R.T. 0.003 min

Lab File: VU052757.D

Acq: 20 Jan 2023 12:59

Instrument :

MSVOA_U

ClientSampleId :

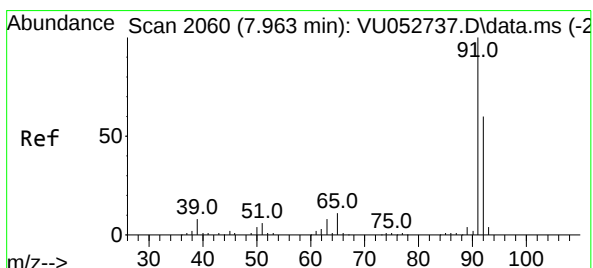
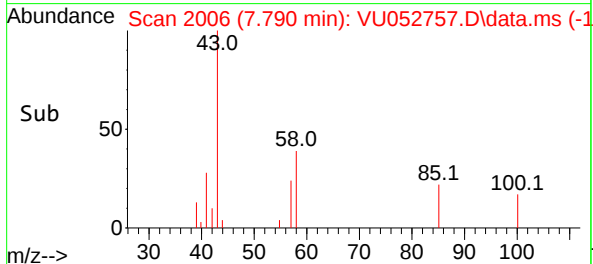
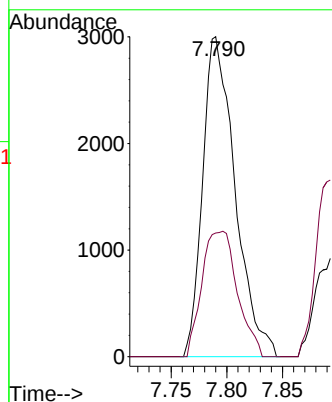
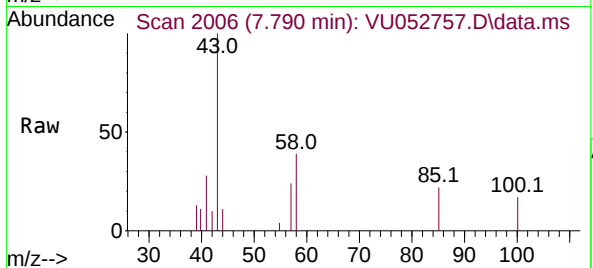
MDL07

Tgt Ion: 43 Resp: 6078

Ion Ratio Lower Upper

43 100

58 42.8 34.6 52.0



#52

Toluene

Concen: 0.461 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU052757.D

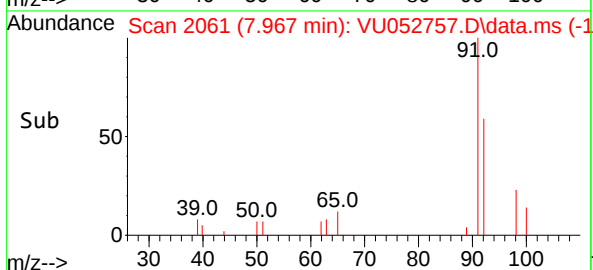
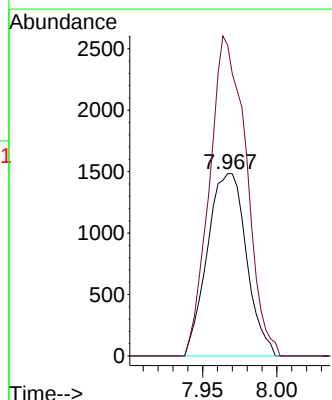
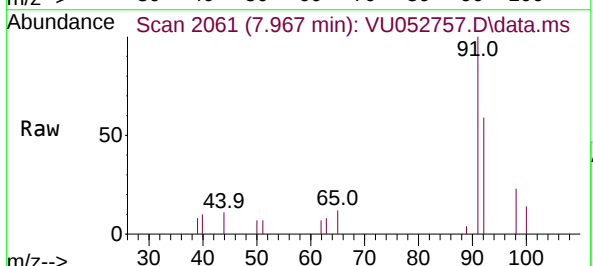
Acq: 20 Jan 2023 12:59

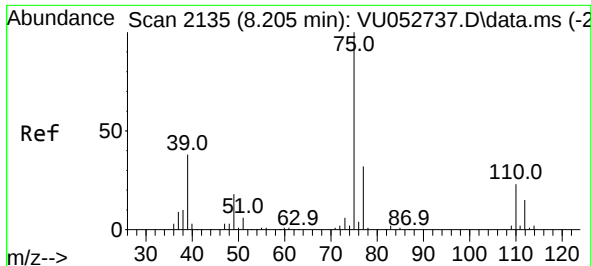
Tgt Ion: 92 Resp: 2714

Ion Ratio Lower Upper

92 100

91 164.7 134.9 202.3





#53

t-1,3-Dichloropropene

Concen: 0.429 ug/l

RT: 8.211 min Scan# 2135

Delta R.T. 0.007 min

Lab File: VU052757.D

Acq: 20 Jan 2023 12:59

Instrument :

MSVOA_U

ClientSampleId :

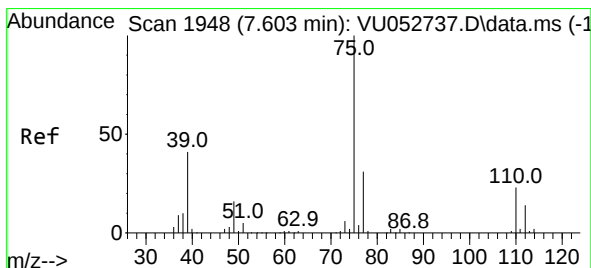
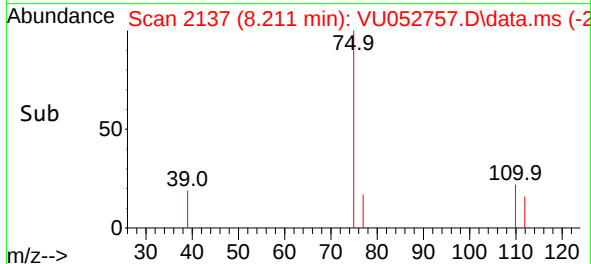
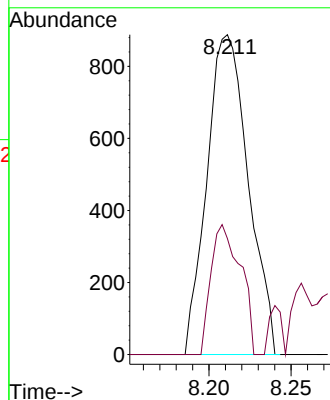
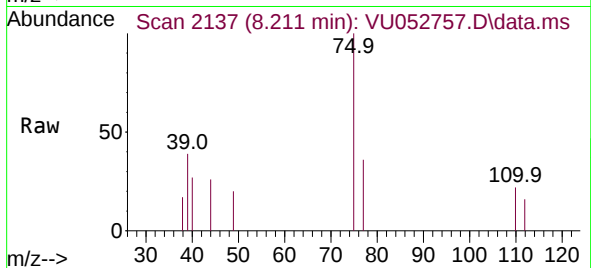
MDL07

Tgt Ion: 75 Resp: 1556

Ion Ratio Lower Upper

75 100

77 36.3 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 0.423 ug/l

RT: 7.604 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VU052757.D

Acq: 20 Jan 2023 12:59

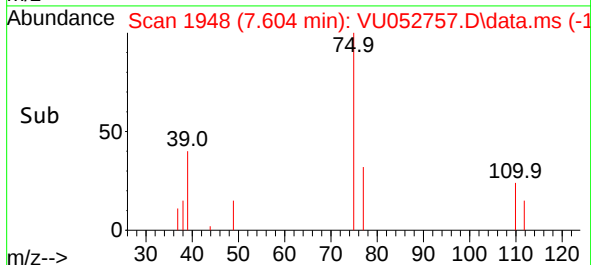
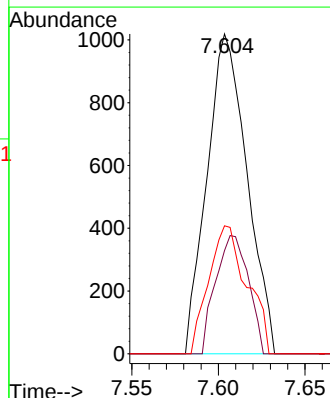
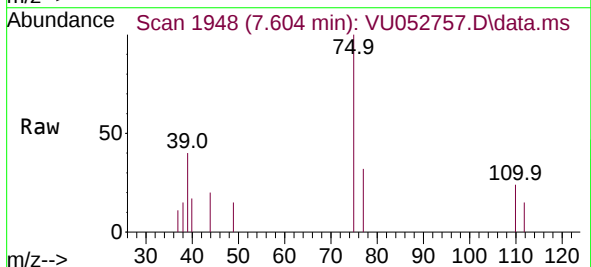
Tgt Ion: 75 Resp: 1637

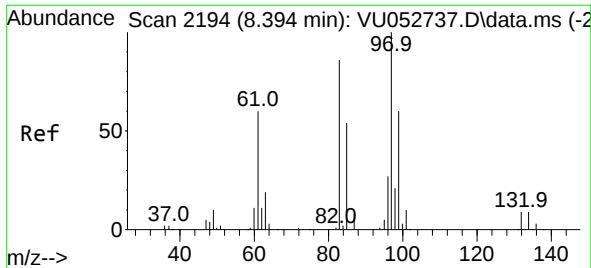
Ion Ratio Lower Upper

75 100

77 32.3 25.0 37.6

39 40.0 32.9 49.3

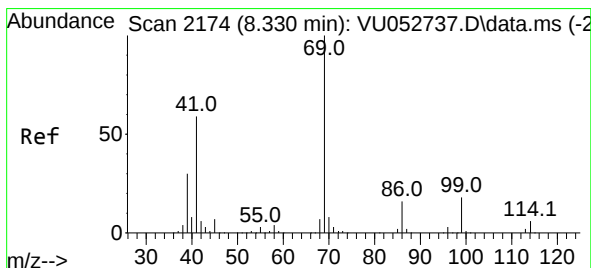
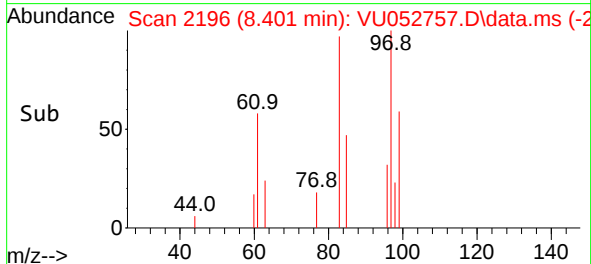
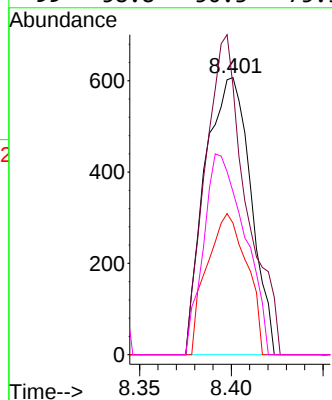
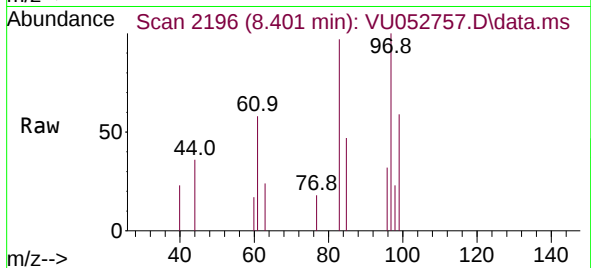




#55
1,1,2-Trichloroethane
Concen: 0.438 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. 0.007 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

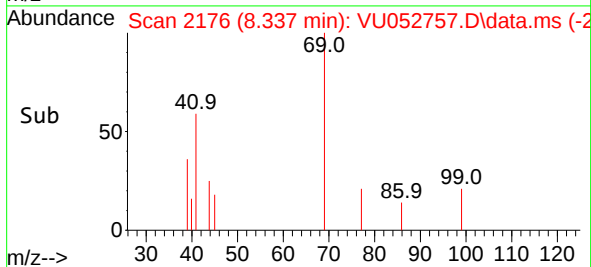
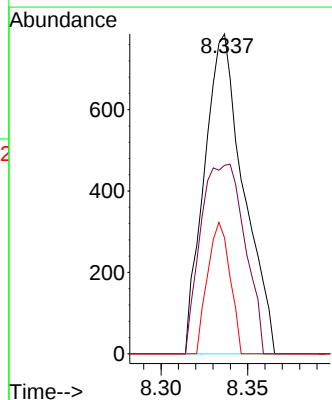
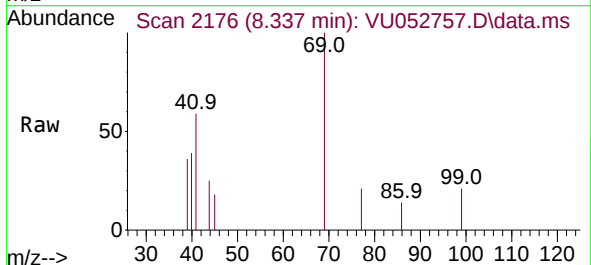
Instrument :
MSVOA_U
ClientSampleId :
MDL07

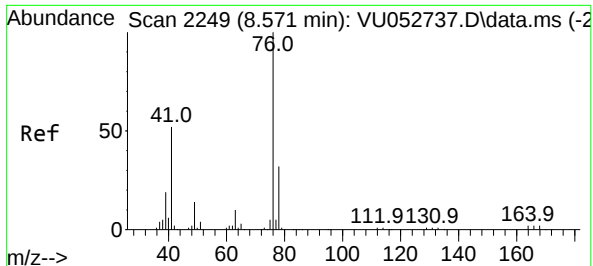
Tgt Ion: 97	Resp: 1052
Ion Ratio	Lower Upper
97 100	
83 96.9	69.2 103.8
85 47.4	43.8 65.8
99 58.8	50.3 75.5



#56
Ethyl methacrylate
Concen: 0.366 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. 0.007 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

Tgt Ion: 69	Resp: 1237
Ion Ratio	Lower Upper
69 100	
41 66.5	47.6 71.4
39 23.4	24.3 36.5#

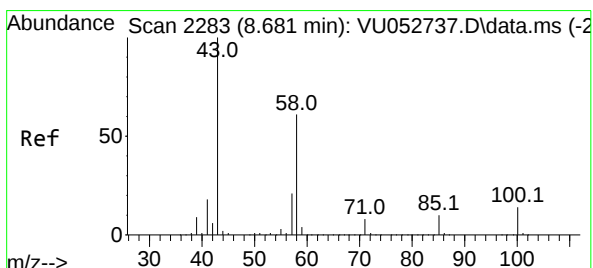
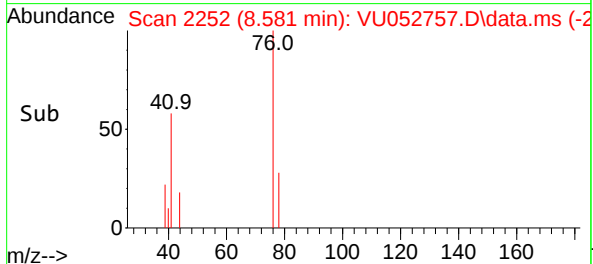
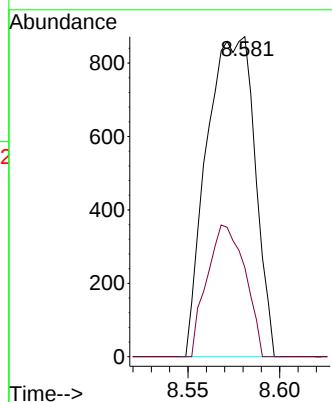
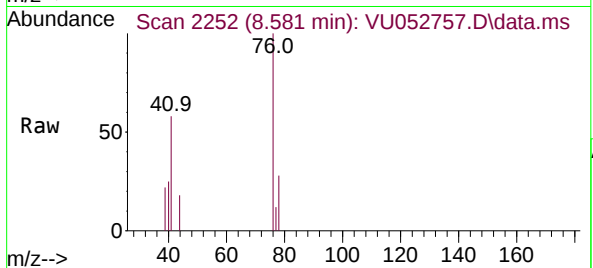




#57
1,3-Dichloropropane
Concen: 0.377 ug/l
RT: 8.581 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

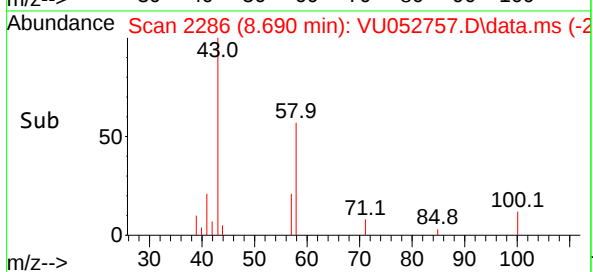
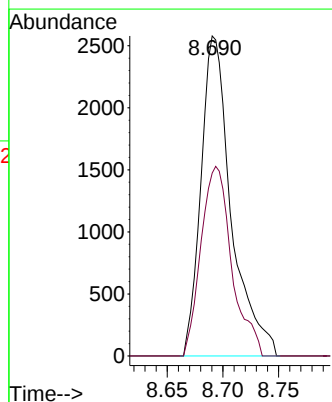
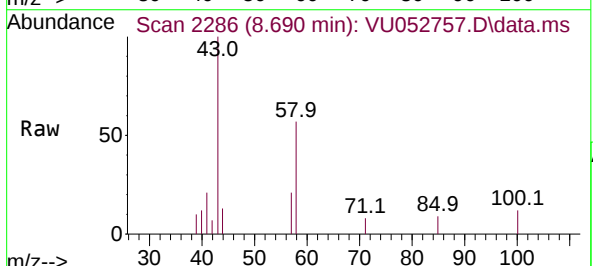
Instrument :
MSVOA_U
ClientSampleId :
MDL07

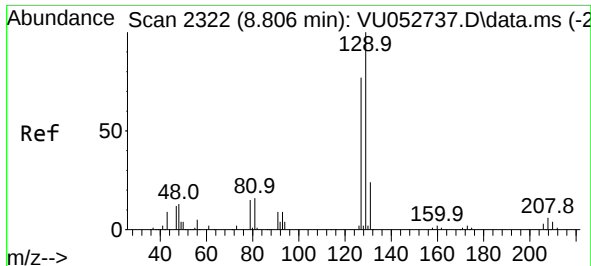
Tgt Ion: 76 Resp: 1587
Ion Ratio Lower Upper
76 100
78 32.5 26.2 39.4



#59
2-Hexanone
Concen: 2.000 ug/l
RT: 8.690 min Scan# 2286
Delta R.T. 0.010 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

Tgt Ion: 43 Resp: 4867
Ion Ratio Lower Upper
43 100
58 60.3 29.8 89.5

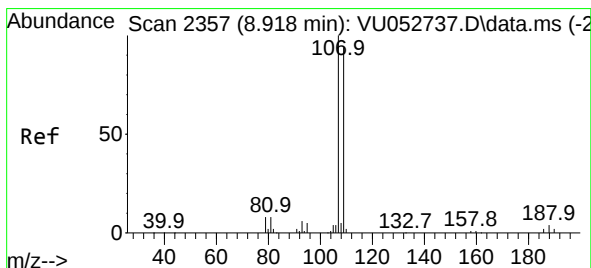
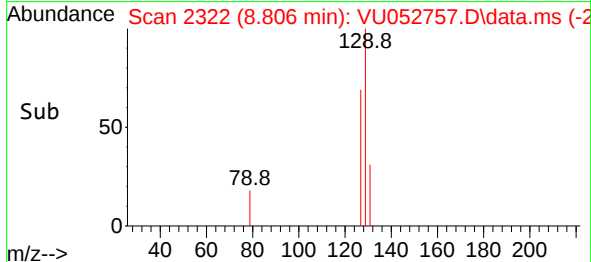
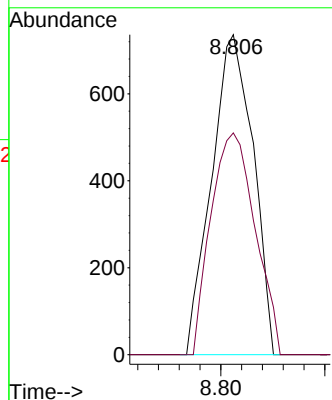
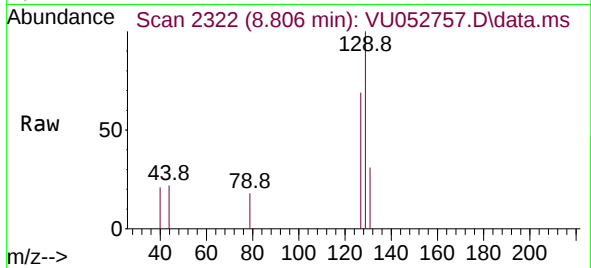




#60
Dibromochloromethane
Concen: 0.388 ug/l
RT: 8.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

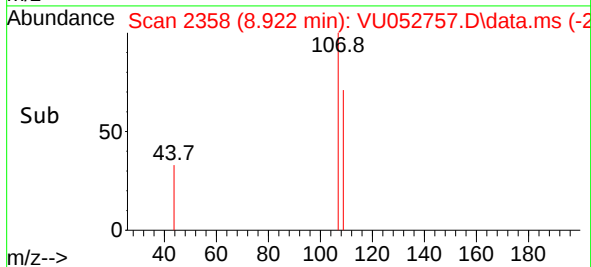
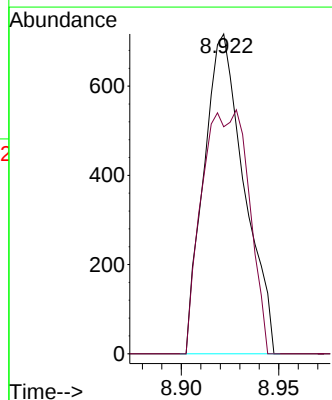
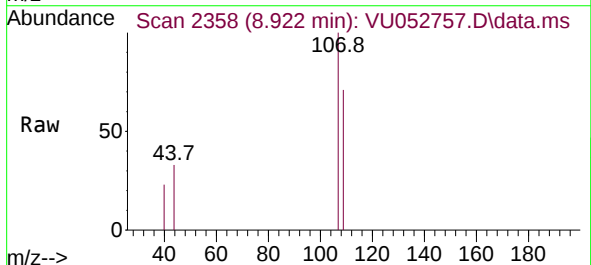
Instrument :
MSVOA_U
ClientSampleId :
MDL07

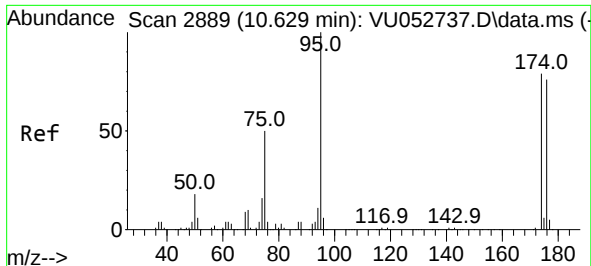
Tgt Ion:129 Resp: 1022
Ion Ratio Lower Upper
129 100
127 73.8 39.1 117.2



#61
1,2-Dibromoethane
Concen: 0.408 ug/l
RT: 8.922 min Scan# 2358
Delta R.T. 0.003 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

Tgt Ion:107 Resp: 1028
Ion Ratio Lower Upper
107 100
109 46.6 75.0 112.6#

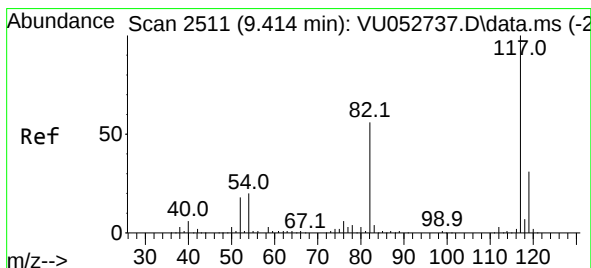
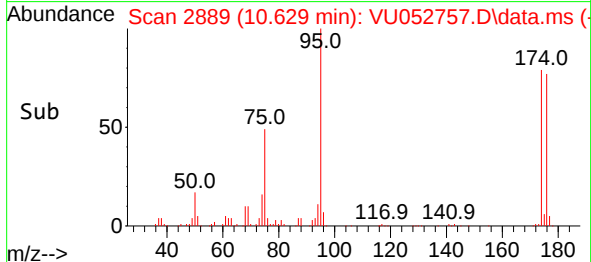
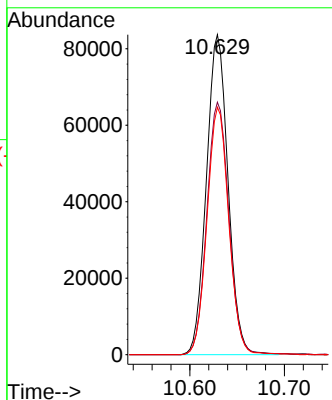
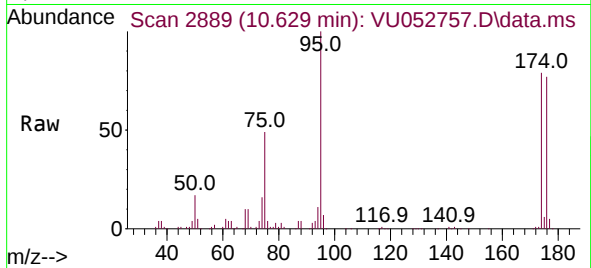




#62
4-Bromofluorobenzene
Concen: 43.249 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.000 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

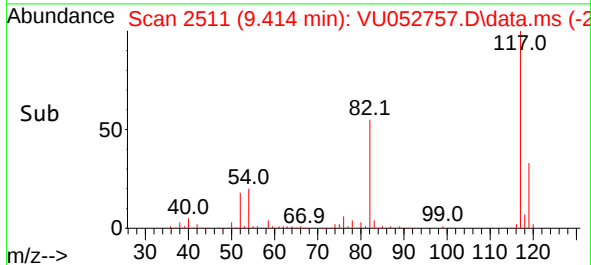
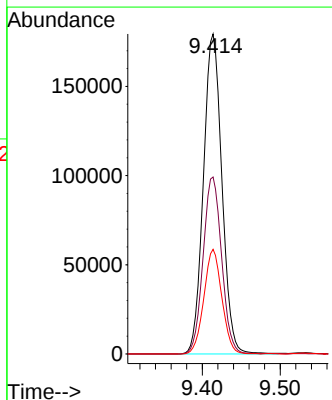
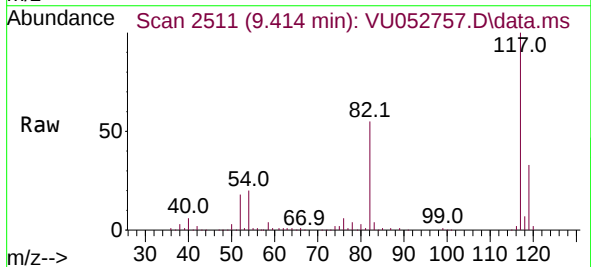
Instrument :
MSVOA_U
ClientSampleId :
MDL07

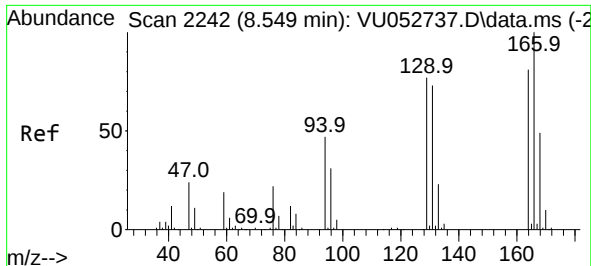
Tgt Ion: 95 Resp: 132992
Ion Ratio Lower Upper
95 100
174 80.7 0.0 158.6
176 77.9 0.0 150.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

Tgt Ion: 117 Resp: 296589
Ion Ratio Lower Upper
117 100
82 55.3 44.7 67.1
119 32.7 25.0 37.6

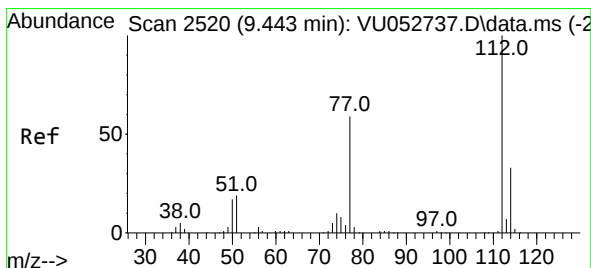
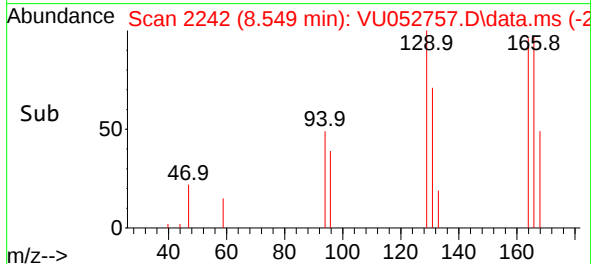
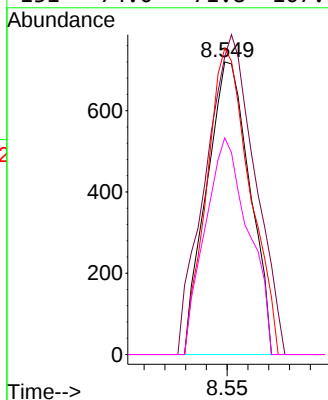
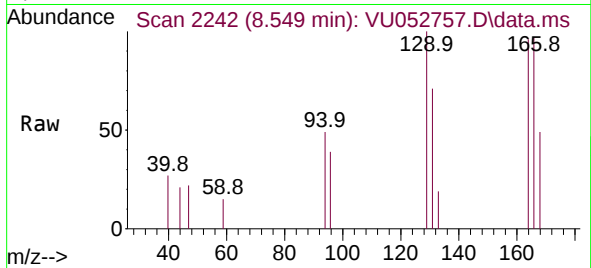




#64
Tetrachloroethene
Concen: 0.504 ug/l
RT: 8.549 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

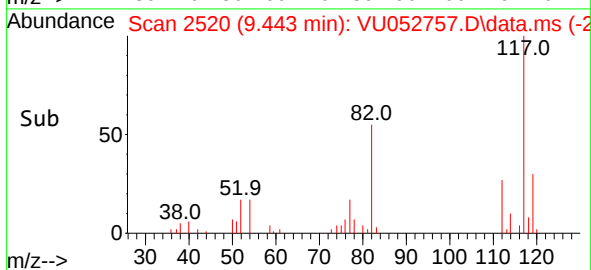
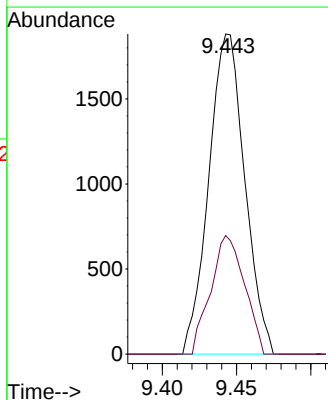
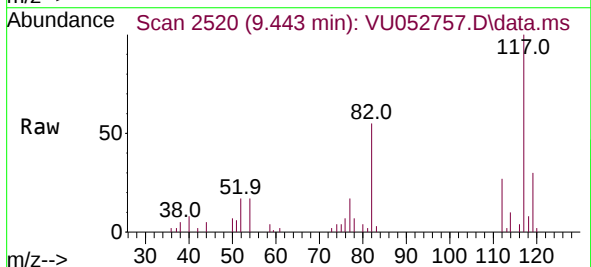
Instrument :
MSVOA_U
ClientSampleId :
MDL07

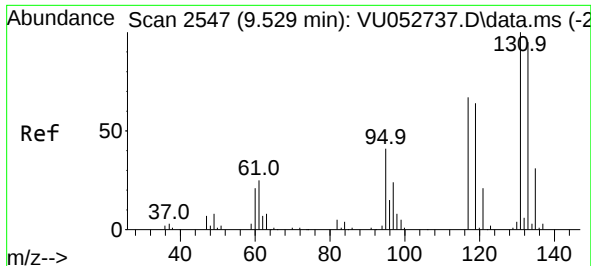
Tgt Ion:164	Resp:	1038	
Ion	Ratio	Lower	Upper
164	100		
166	101.8	98.9	148.3
129	104.6	76.0	114.0
131	74.0	71.8	107.6



#65
Chlorobenzene
Concen: 0.504 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

Tgt Ion:112	Resp:	3166	
Ion	Ratio	Lower	Upper
112	100		
114	37.0	26.1	39.1

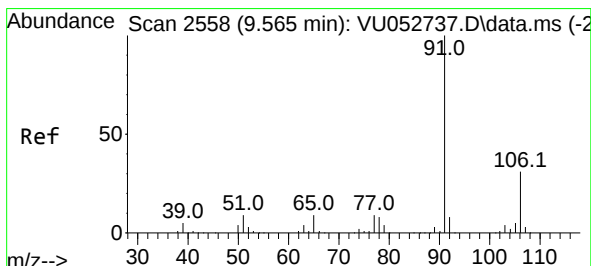
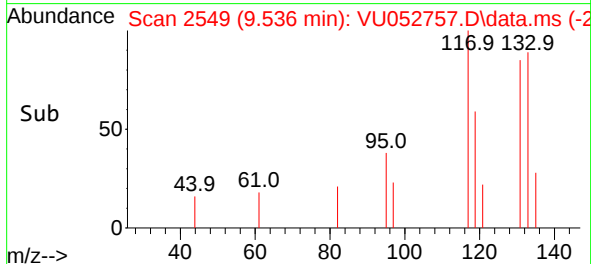
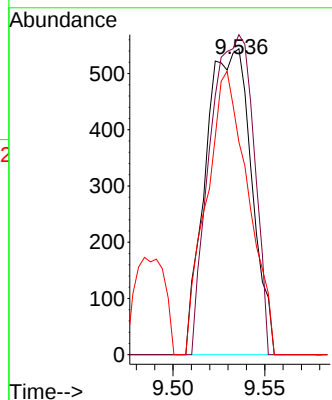
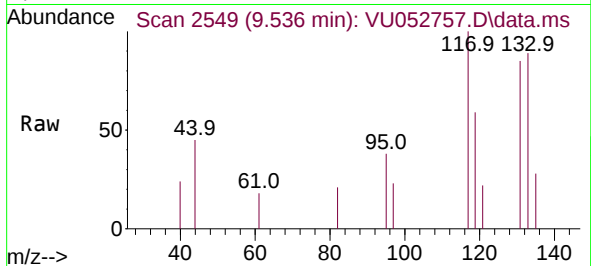




#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.403 ug/l
 RT: 9.536 min Scan# 2549
 Delta R.T. 0.007 min
 Lab File: VU052757.D
 Acq: 20 Jan 2023 12:59

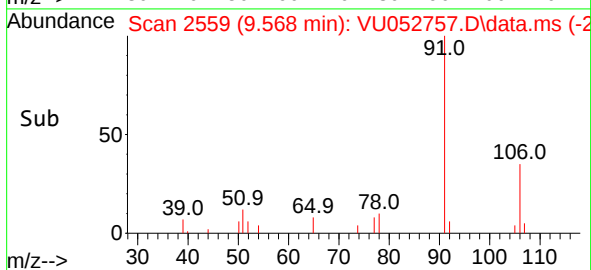
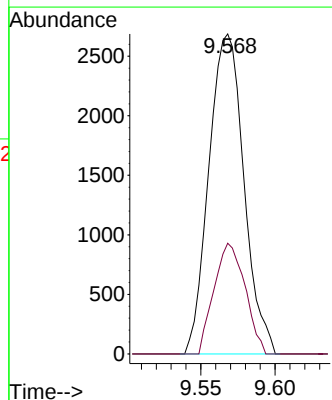
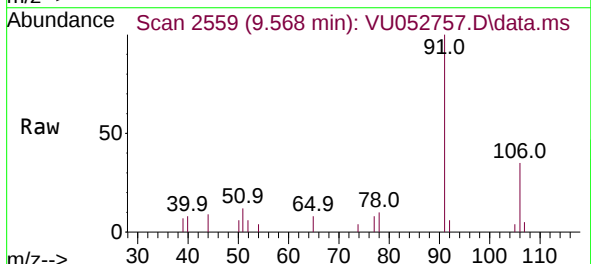
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

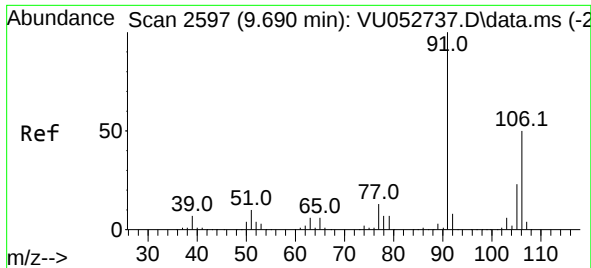
Tgt Ion:131 Resp: 947
 Ion Ratio Lower Upper
 131 100
 133 99.7 48.4 145.0
 119 0.0 32.1 96.3#



#67
 Ethyl Benzene
 Concen: 0.415 ug/l
 RT: 9.568 min Scan# 2559
 Delta R.T. 0.003 min
 Lab File: VU052757.D
 Acq: 20 Jan 2023 12:59

Tgt Ion: 91 Resp: 4405
 Ion Ratio Lower Upper
 91 100
 106 34.6 24.6 37.0

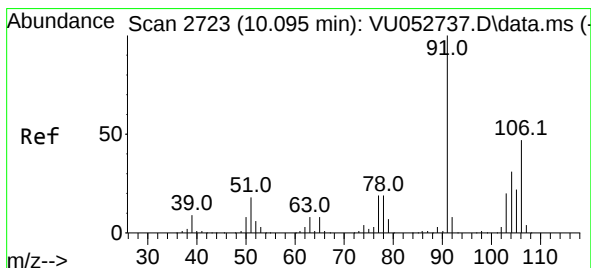
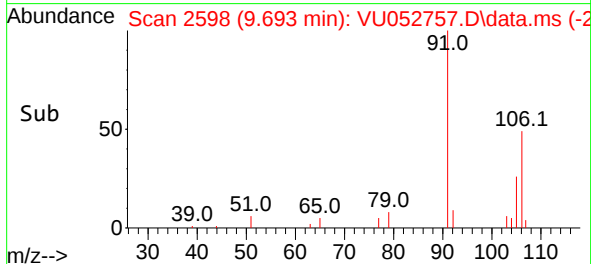
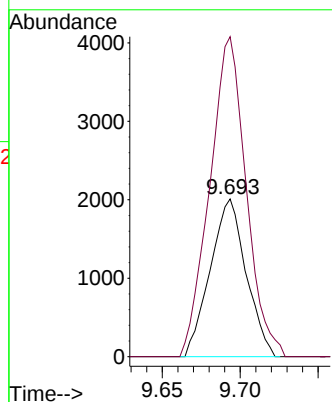
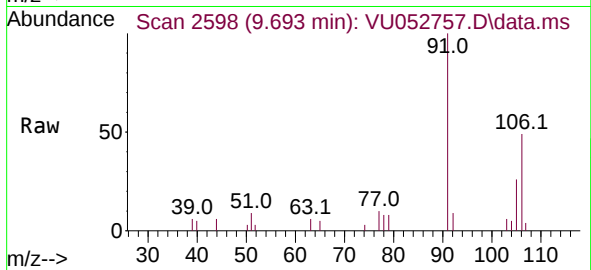




#68
m/p-Xylenes
Concen: 0.782 ug/l
RT: 9.693 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

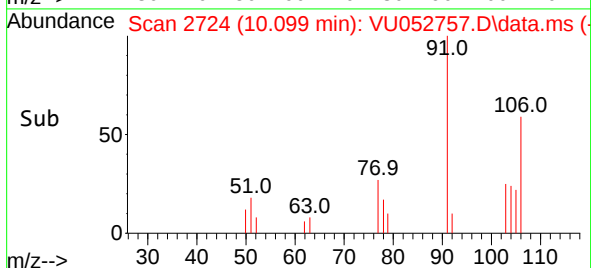
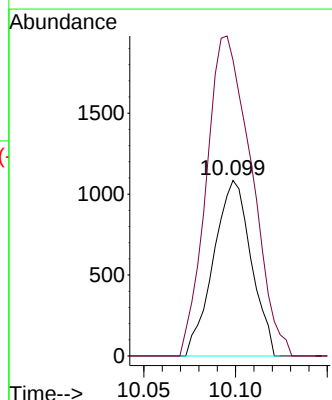
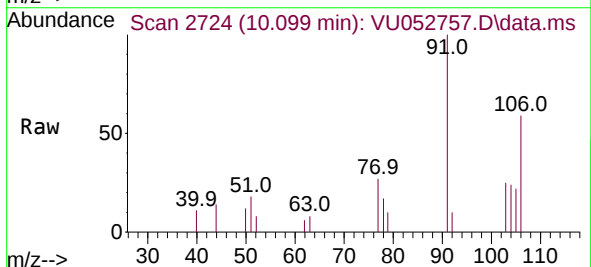
Instrument :
MSVOA_U
ClientSampleId :
MDL07

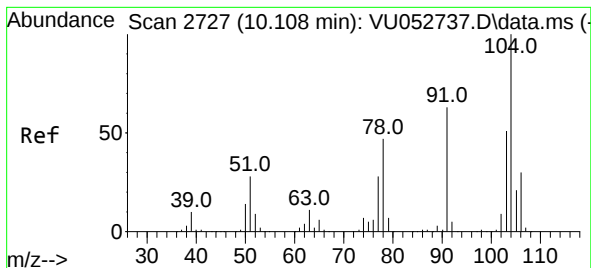
Tgt Ion:106 Resp: 3221
Ion Ratio Lower Upper
106 100
91 205.8 160.8 241.2



#69
o-Xylene
Concen: 0.394 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. 0.003 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

Tgt Ion:106 Resp: 1549
Ion Ratio Lower Upper
106 100
91 217.5 107.9 323.7





#70

Styrene

Concen: 0.340 ug/l

RT: 10.118 min Scan# 21

Delta R.T. 0.010 min

Lab File: VU052757.D

Acq: 20 Jan 2023 12:59

Instrument :

MSVOA_U

ClientSampleId :

MDL07

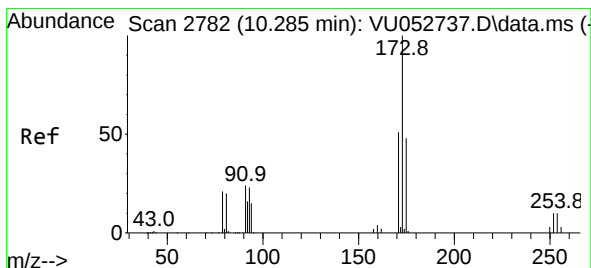
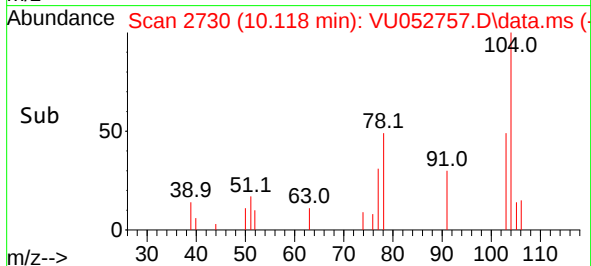
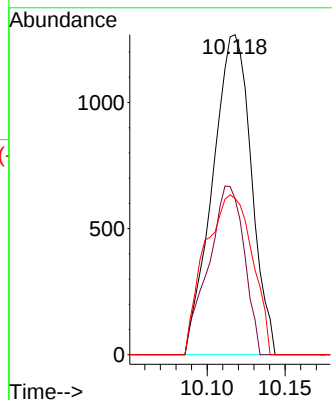
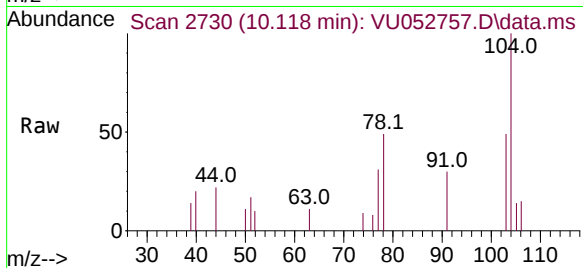
Tgt Ion:104 Resp: 2195

Ion Ratio Lower Upper

104 100

78 48.6 39.9 59.9

103 60.8 43.4 65.2



#71

Bromoform

Concen: 0.391 ug/l

RT: 10.291 min Scan# 2784

Delta R.T. 0.007 min

Lab File: VU052757.D

Acq: 20 Jan 2023 12:59

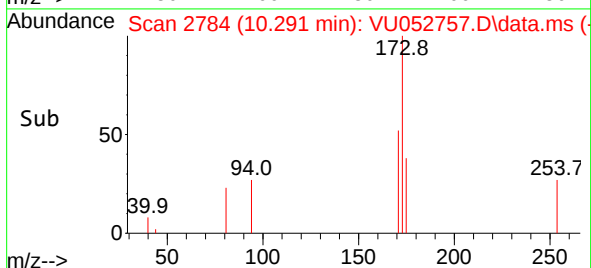
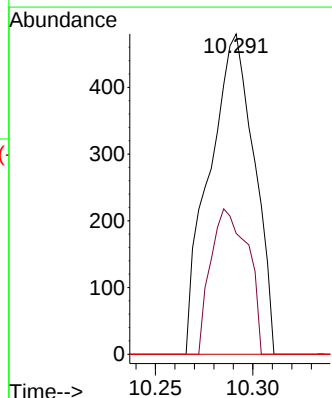
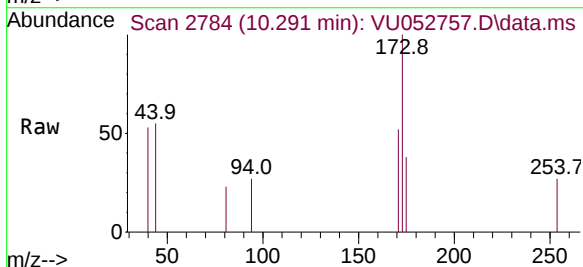
Tgt Ion:173 Resp: 769

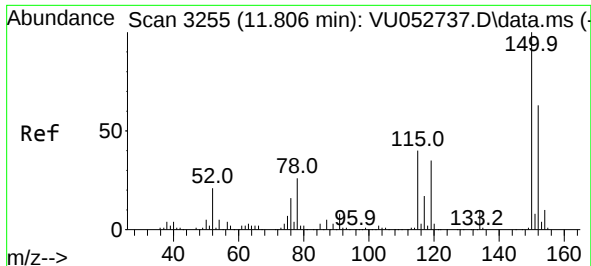
Ion Ratio Lower Upper

173 100

175 37.6 24.1 72.2

254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.809 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU052757.D

Acq: 20 Jan 2023 12:59

Instrument :

MSVOA_U

ClientSampleId :

MDL07

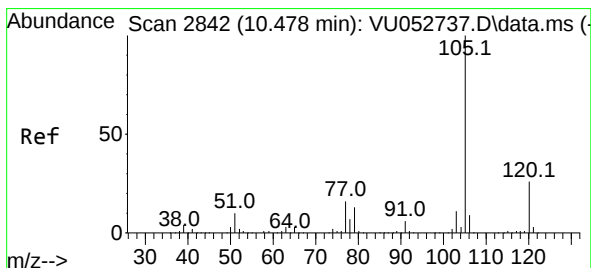
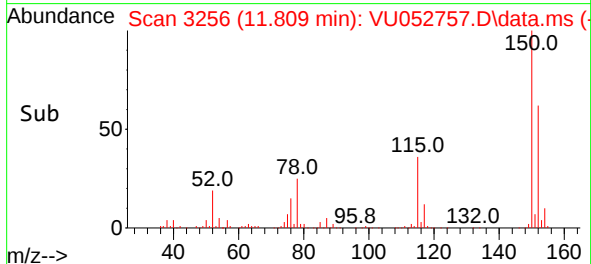
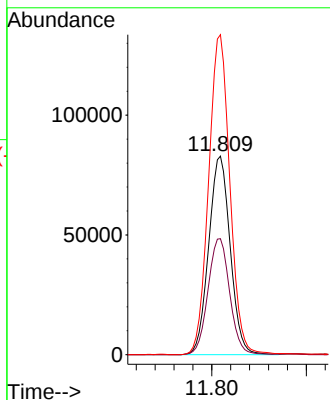
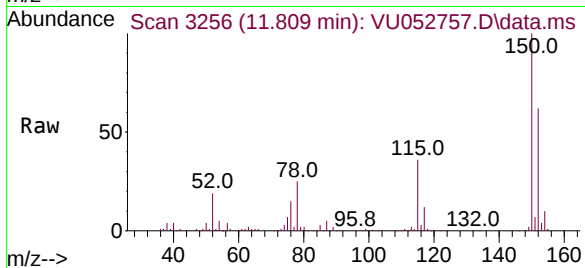
Tgt Ion:152 Resp: 131194

Ion Ratio Lower Upper

152 100

115 58.8 41.7 125.1

150 159.4 0.0 349.2



#73

Isopropylbenzene

Concen: 0.446 ug/l

RT: 10.484 min Scan# 2844

Delta R.T. 0.007 min

Lab File: VU052757.D

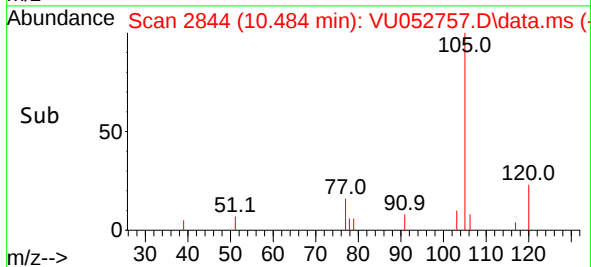
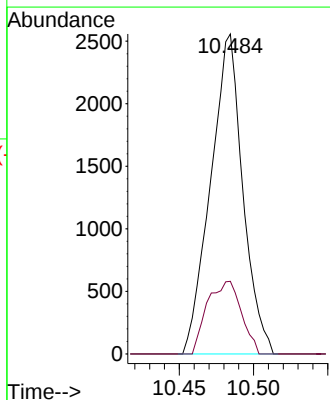
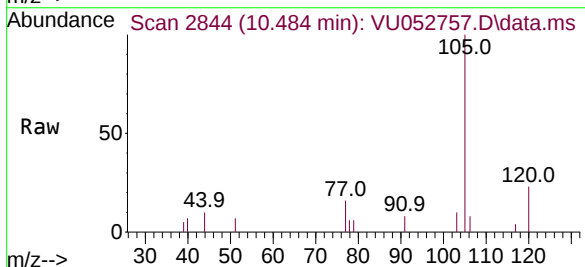
Acq: 20 Jan 2023 12:59

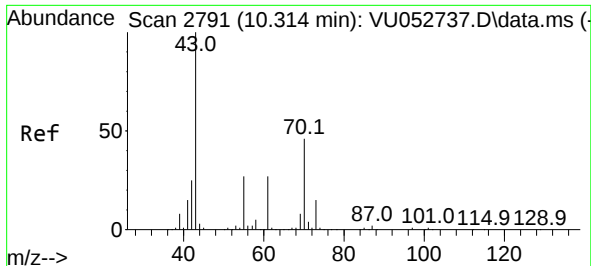
Tgt Ion:105 Resp: 3858

Ion Ratio Lower Upper

105 100

120 24.0 13.2 39.5

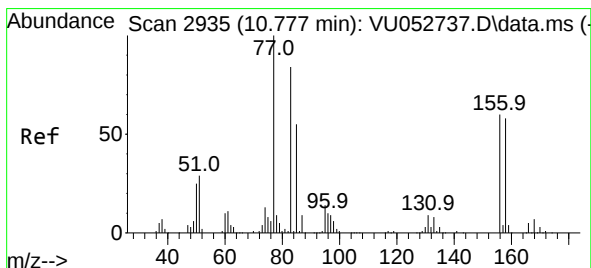
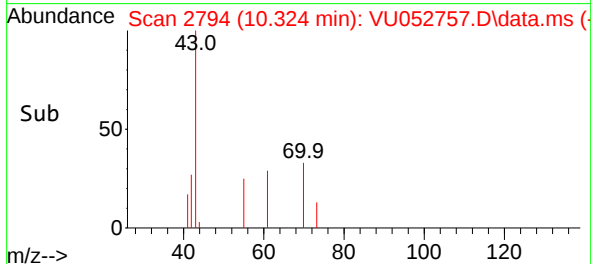
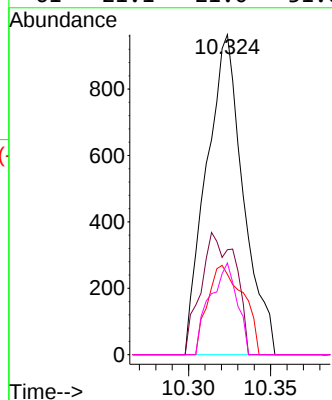
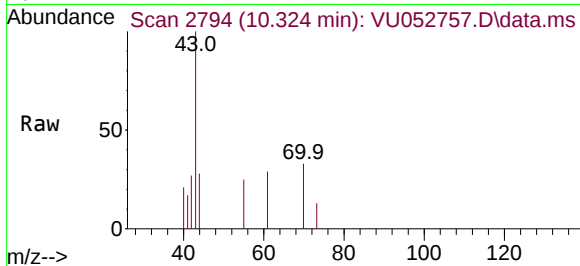




#74
N-amy1 acetate
Concen: 0.457 ug/l
RT: 10.324 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

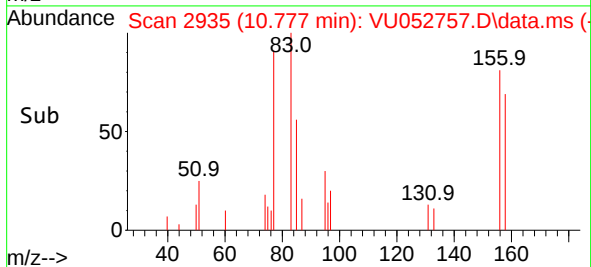
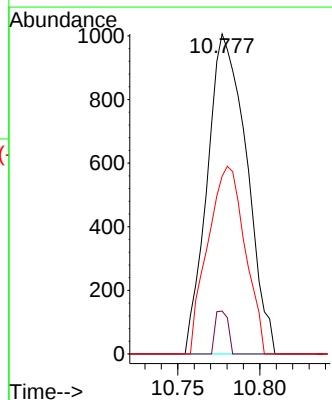
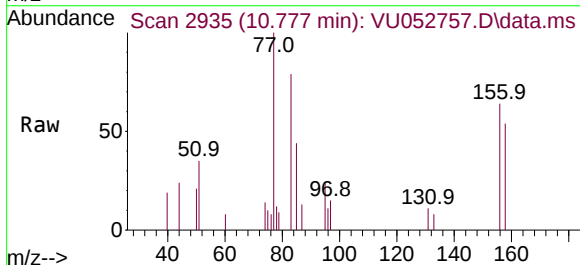
Instrument :
MSVOA_U
ClientSampleId :
MDL07

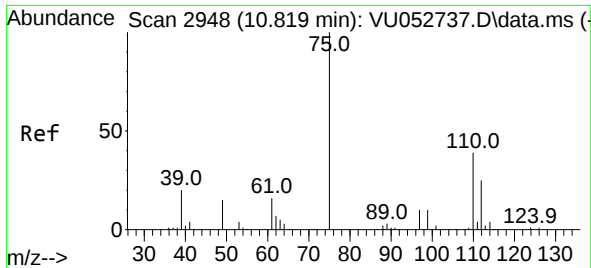
Tgt Ion: 43	Resp: 1505
Ion Ratio	Lower Upper
43	100
70	35.7 37.9 56.9#
55	26.7 21.9 32.9
61	21.1 21.0 31.6



#75
1,1,2,2-Tetrachloroethane
Concen: 0.488 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

Tgt Ion: 83	Resp: 1670
Ion Ratio	Lower Upper
83	100
131	4.4 5.0 14.9#
85	55.6 32.3 96.8

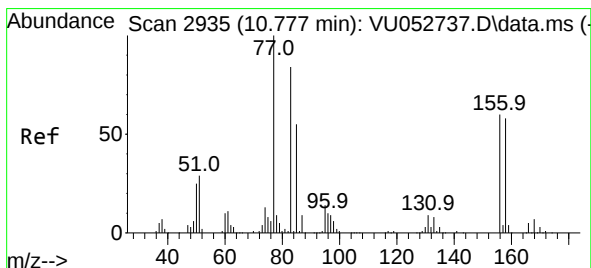
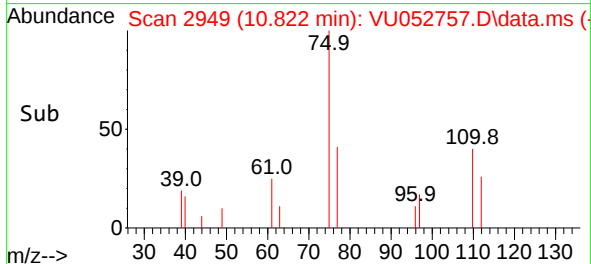
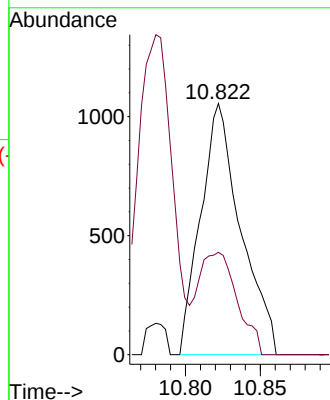
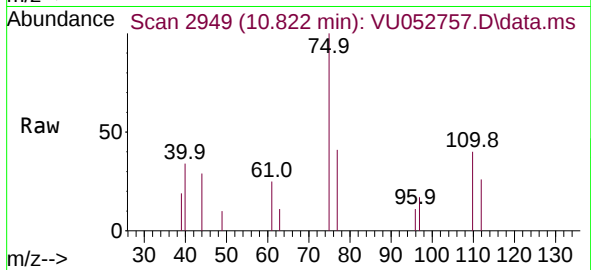




#76
1,2,3-Trichloropropane
Concen: 0.549 ug/l m
RT: 10.822 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

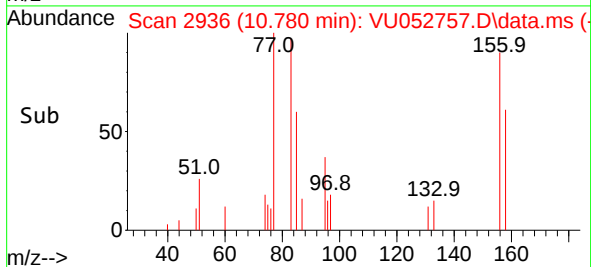
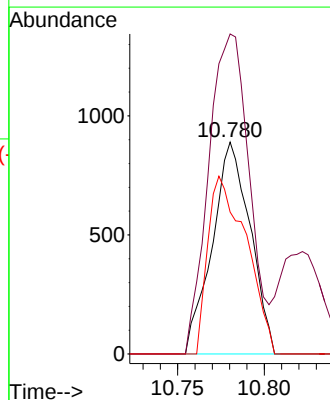
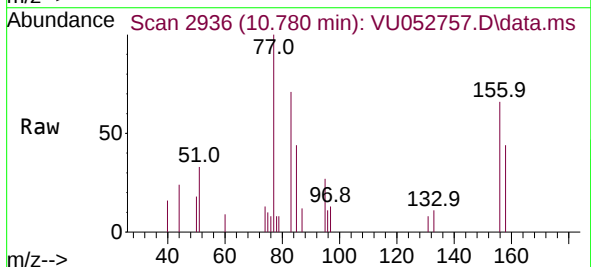
Instrument :
MSVOA_U
ClientSampleId :
MDL07

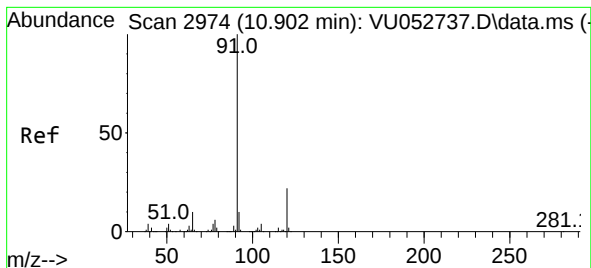
Tgt Ion: 75 Resp: 1965
Ion Ratio Lower Upper
75 100
77 42.8 15.0 45.1



#77
Bromobenzene
Concen: 0.607 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

Tgt Ion: 156 Resp: 1356
Ion Ratio Lower Upper
156 100
77 161.6 83.8 251.4
158 85.0 48.7 146.1





#78

n-propylbenzene

Concen: 0.461 ug/l

RT: 10.902 min Scan# 2974

Delta R.T. 0.000 min

Lab File: VU052757.D

Acq: 20 Jan 2023 12:59

Instrument :

MSVOA_U

ClientSampleId :

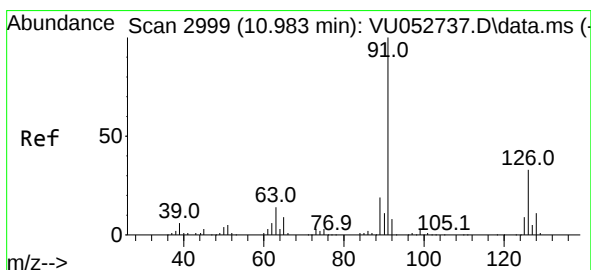
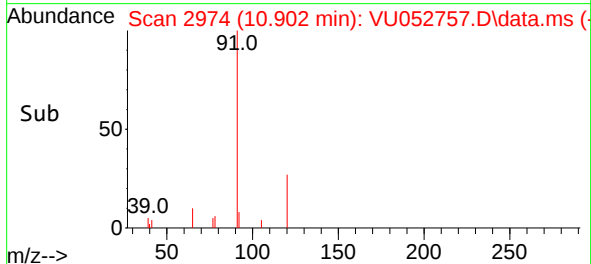
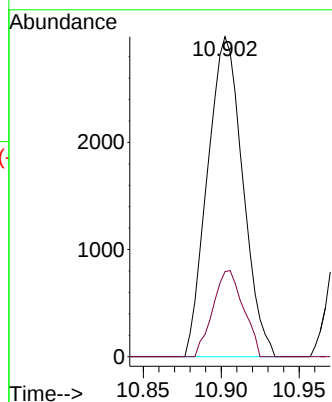
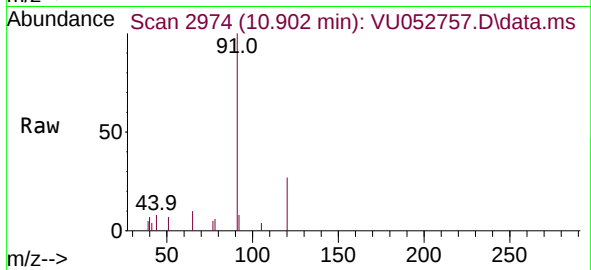
MDL07

Tgt Ion: 91 Resp: 4690

Ion Ratio Lower Upper

91 100

120 23.3 11.3 33.8



#79

2-Chlorotoluene

Concen: 0.542 ug/l

RT: 10.983 min Scan# 2999

Delta R.T. 0.000 min

Lab File: VU052757.D

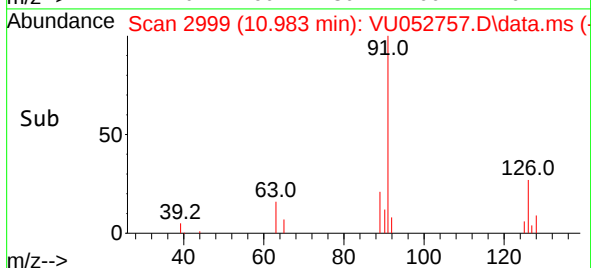
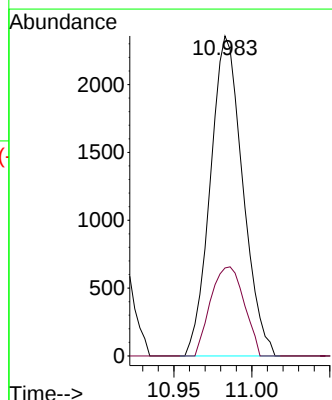
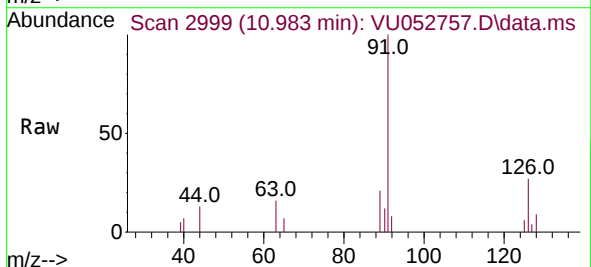
Acq: 20 Jan 2023 12:59

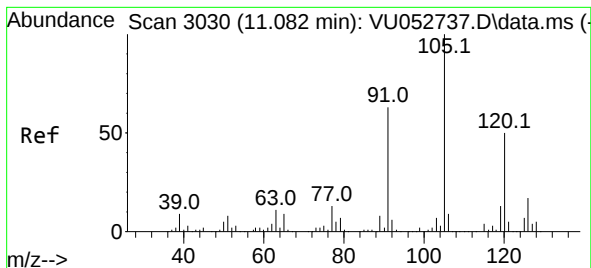
Tgt Ion: 91 Resp: 3402

Ion Ratio Lower Upper

91 100

126 28.7 16.7 50.0





#80

1,3,5-Trimethylbenzene

Concen: 0.430 ug/l

RT: 11.086 min Scan# 3030

Delta R.T. 0.003 min

Lab File: VU052757.D

Acq: 20 Jan 2023 12:59

Instrument :

MSVOA_U

ClientSampleId :

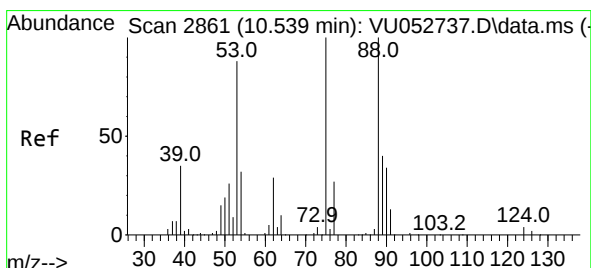
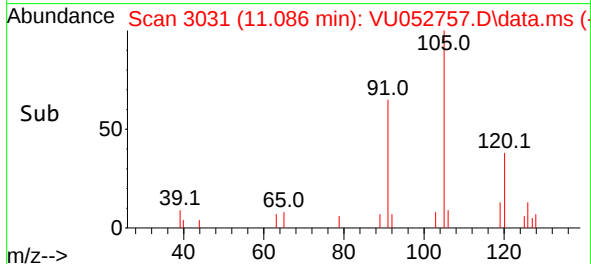
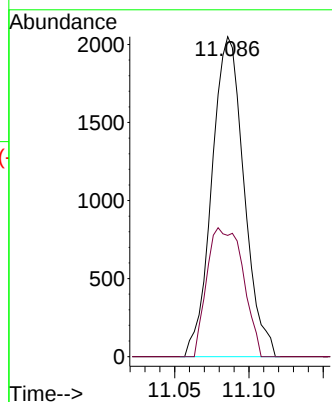
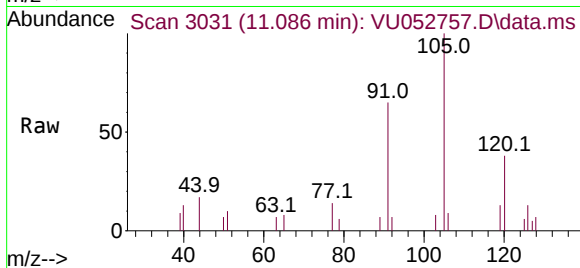
MDL07

Tgt Ion:105 Resp: 3087

Ion Ratio Lower Upper

105 100

120 45.2 25.1 75.2



#81

trans-1,4-Dichloro-2-butene

Concen: 0.296 ug/l m

RT: 10.546 min Scan# 2863

Delta R.T. 0.007 min

Lab File: VU052757.D

Acq: 20 Jan 2023 12:59

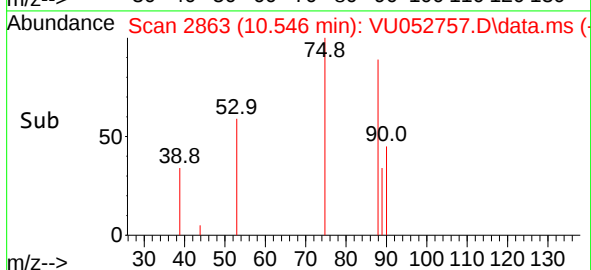
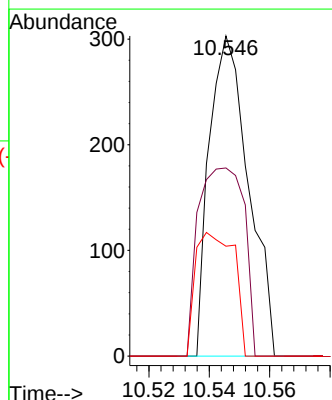
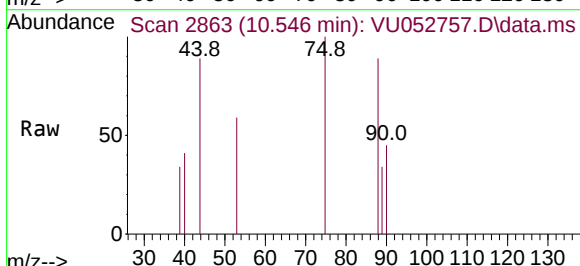
Tgt Ion: 75 Resp: 273

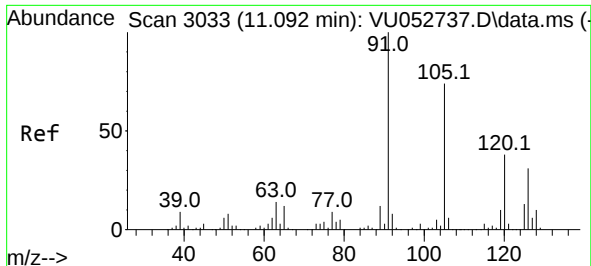
Ion Ratio Lower Upper

75 100

53 7.0 72.4 108.6#

89 0.0 35.0 52.4#

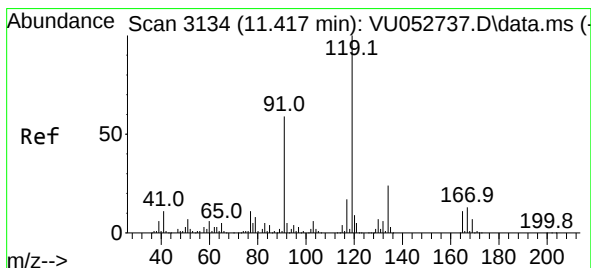
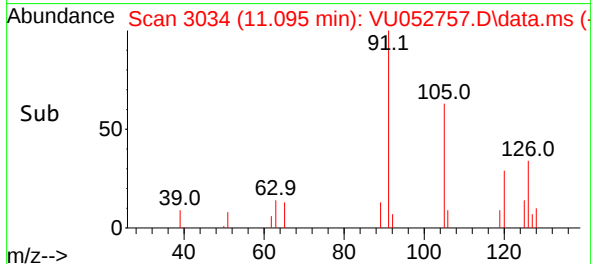
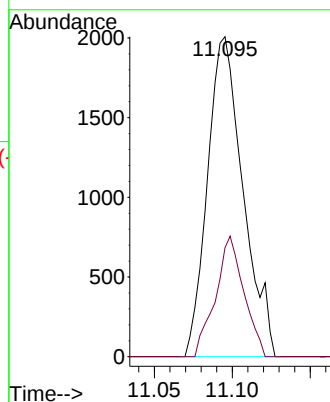
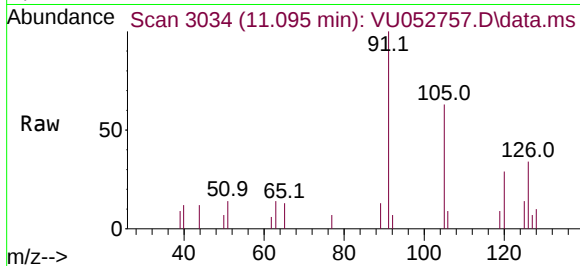




#82
4-Chlorotoluene
Concen: 0.445 ug/l
RT: 11.095 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

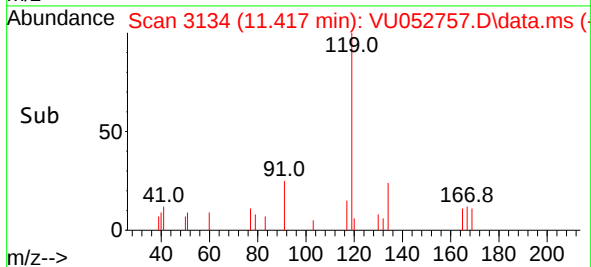
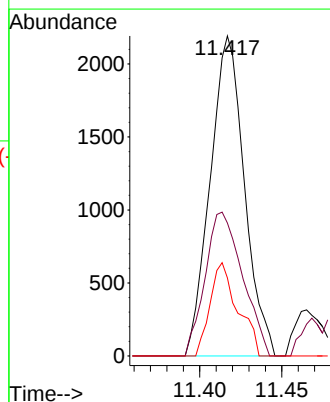
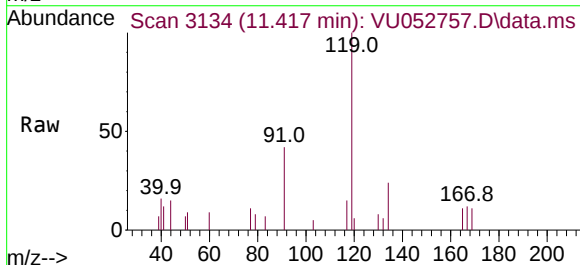
Instrument :
MSVOA_U
ClientSampleId :
MDL07

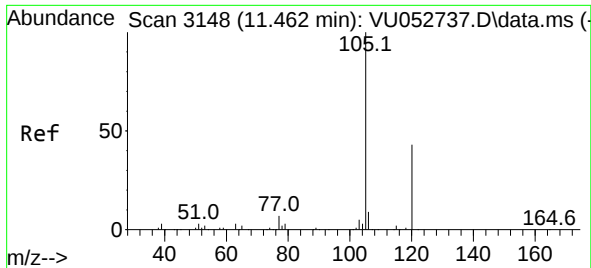
Tgt Ion: 91 Resp: 3187
Ion Ratio Lower Upper
91 100
126 29.9 14.9 44.7



#83
tert-Butylbenzene
Concen: 0.431 ug/l
RT: 11.417 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

Tgt Ion: 119 Resp: 3173
Ion Ratio Lower Upper
119 100
91 49.2 28.4 85.2
134 23.6 11.5 34.5

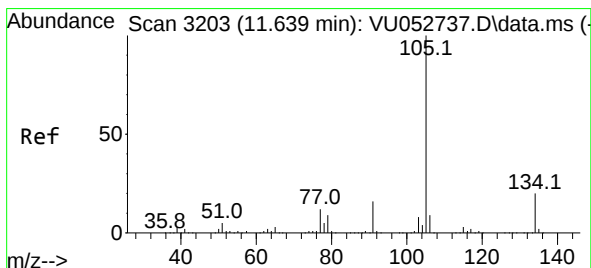
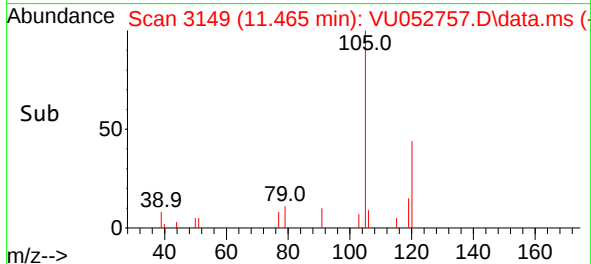
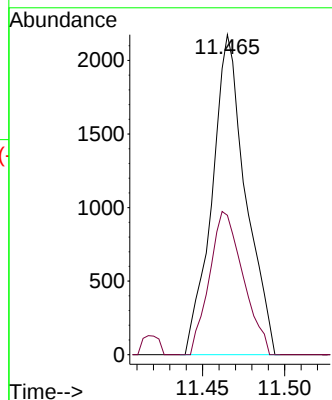
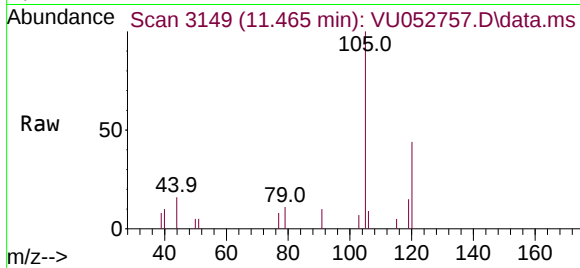




#84
1,2,4-Trimethylbenzene
Concen: 0.435 ug/l
RT: 11.465 min Scan# 3148
Delta R.T. 0.003 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

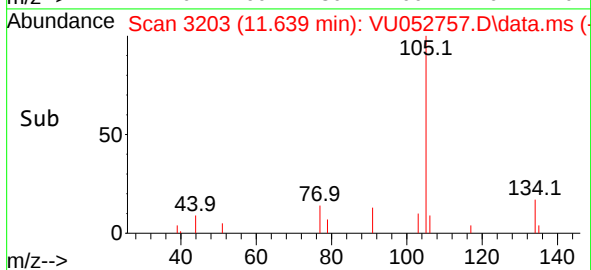
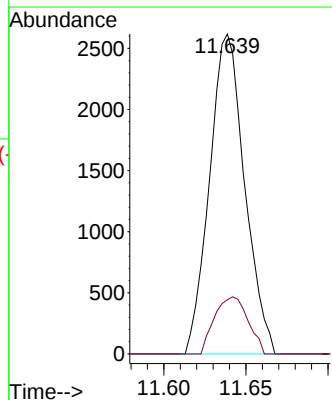
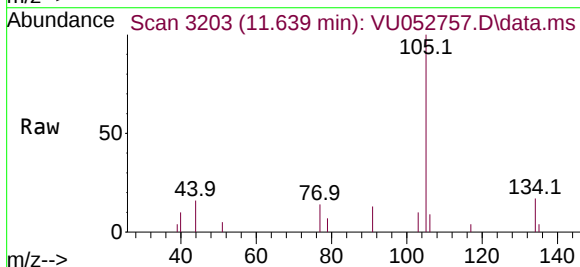
Instrument :
MSVOA_U
ClientSampleId :
MDL07

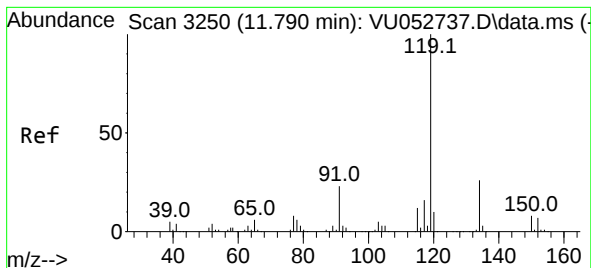
Tgt Ion:105 Resp: 3102
Ion Ratio Lower Upper
105 100
120 44.9 23.2 69.5



#85
sec-Butylbenzene
Concen: 0.431 ug/l
RT: 11.639 min Scan# 3203
Delta R.T. 0.000 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

Tgt Ion:105 Resp: 3884
Ion Ratio Lower Upper
105 100
134 17.0 10.1 30.3





#86

p-Isopropyltoluene

Concen: 0.442 ug/l

RT: 11.790 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU052757.D

Acq: 20 Jan 2023 12:59

Instrument :

MSVOA_U

ClientSampleId :

MDL07

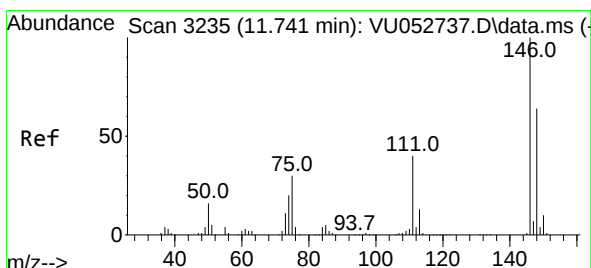
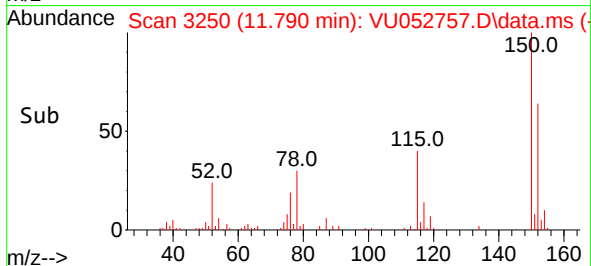
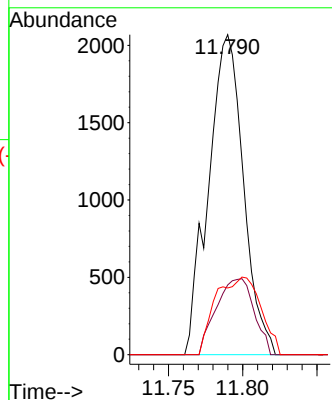
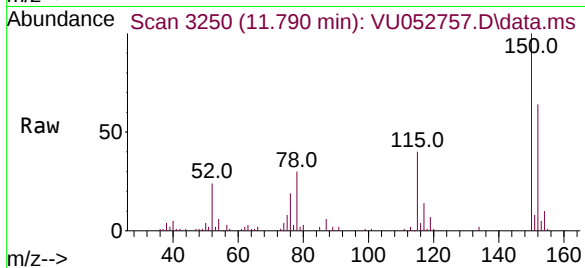
Tgt Ion:119 Resp: 3393

Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.1

91 31.4 11.5 34.5



#87

1,3-Dichlorobenzene

Concen: 0.506 ug/l

RT: 11.745 min Scan# 3236

Delta R.T. 0.004 min

Lab File: VU052757.D

Acq: 20 Jan 2023 12:59

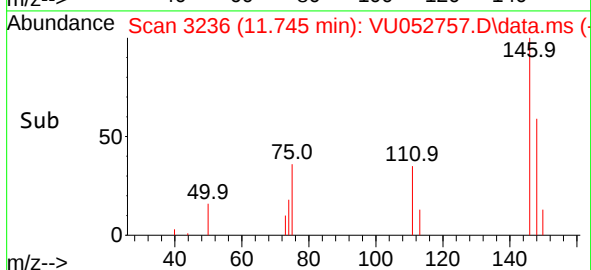
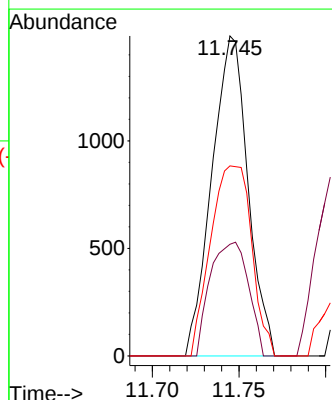
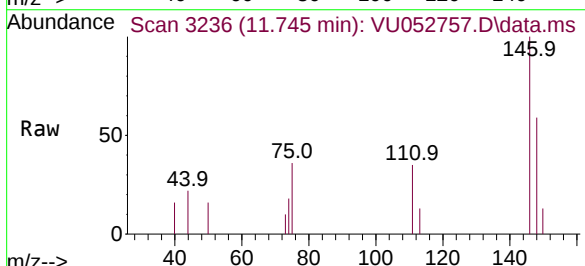
Tgt Ion:146 Resp: 2155

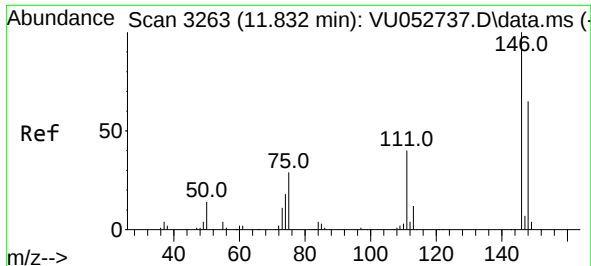
Ion Ratio Lower Upper

146 100

111 37.6 20.1 60.2

148 67.6 31.6 94.7

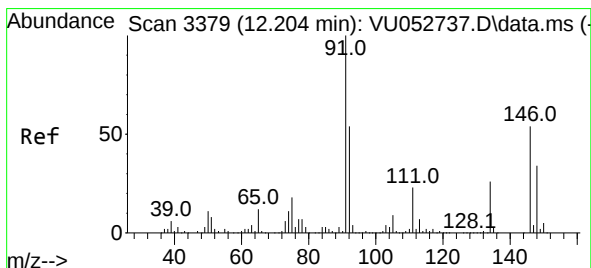
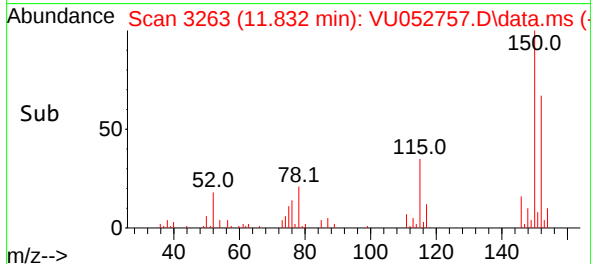
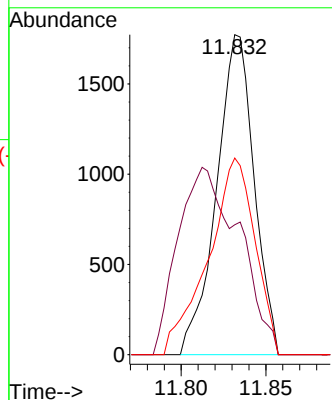
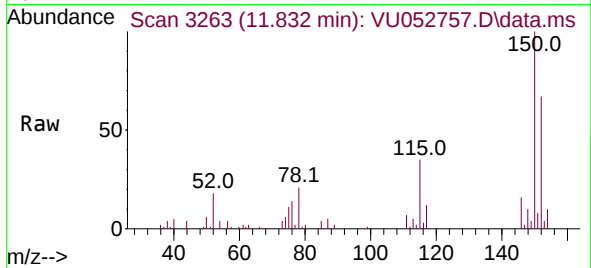




#88
1,4-Dichlorobenzene
Concen: 0.625 ug/l m
RT: 11.832 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

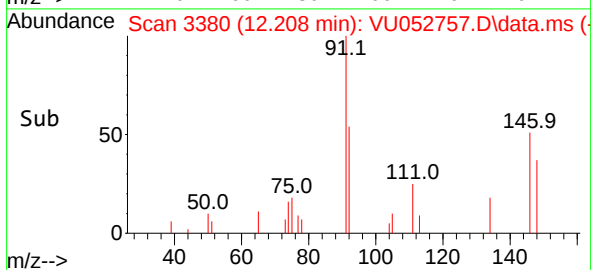
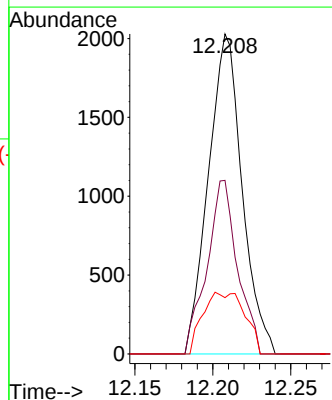
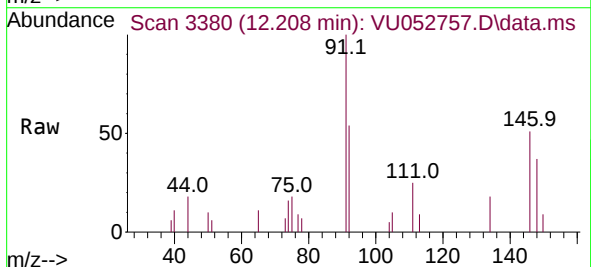
Instrument :
MSVOA_U
ClientSampleId :
MDL07

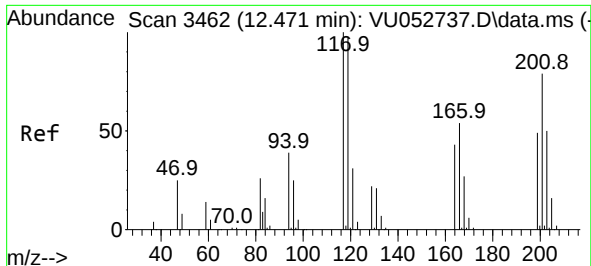
Tgt Ion:146 Resp: 2740
Ion Ratio Lower Upper
146 100
111 29.6 20.3 61.0
148 53.1 32.3 96.8



#89
n-Butylbenzene
Concen: 0.463 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. 0.004 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

Tgt Ion: 91 Resp: 3047
Ion Ratio Lower Upper
91 100
92 49.2 26.8 80.3
134 13.4 13.1 39.3

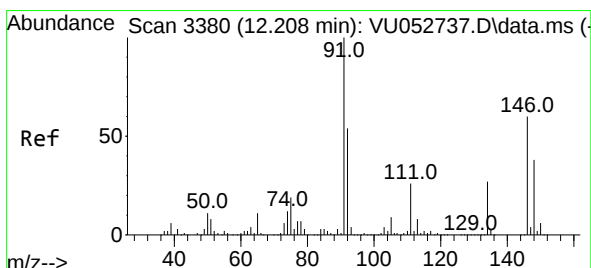
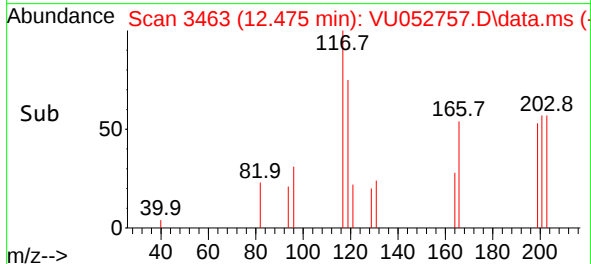
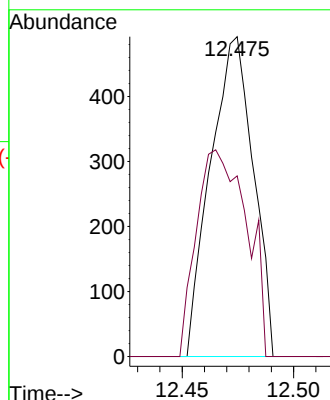
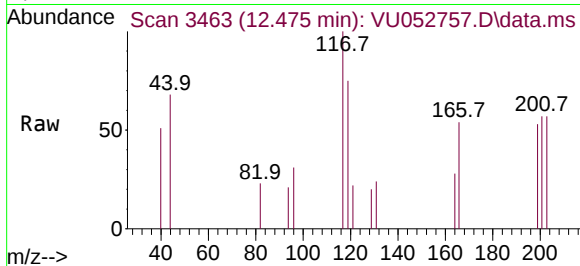




#90
Hexachloroethane
Concen: 0.446 ug/l
RT: 12.475 min Scan# 3462
Delta R.T. 0.003 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

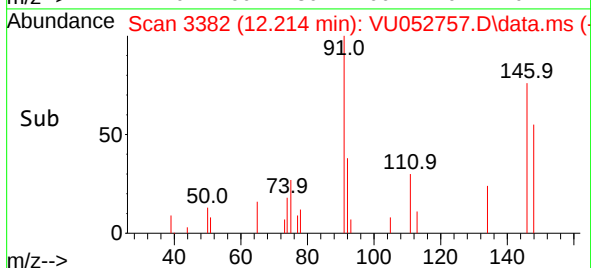
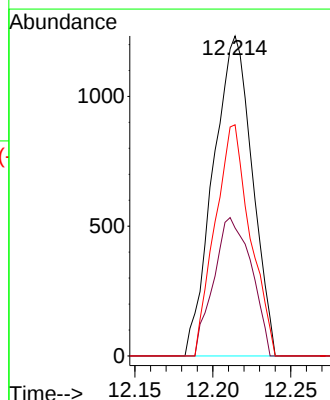
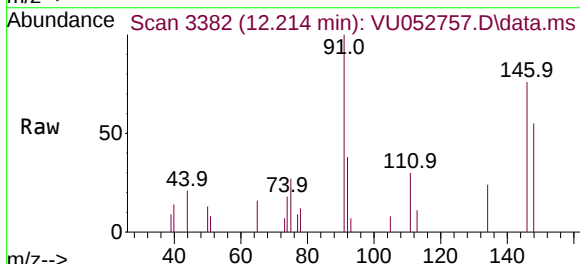
Instrument :
MSVOA_U
ClientSampleId :
MDL07

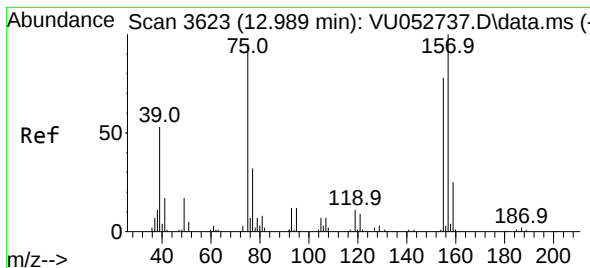
Tgt Ion:117 Resp: 656
Ion Ratio Lower Upper
117 100
201 75.9 39.3 117.9



#91
1,2-Dichlorobenzene
Concen: 0.500 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.007 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

Tgt Ion:146 Resp: 2150
Ion Ratio Lower Upper
146 100
111 41.7 21.1 63.1
148 64.9 31.4 94.0

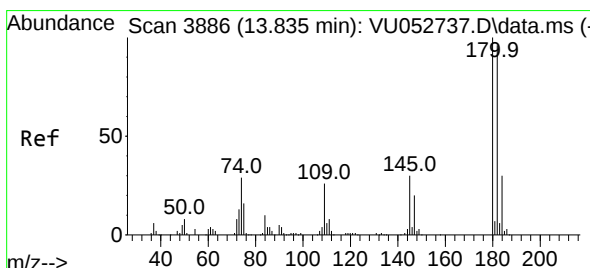
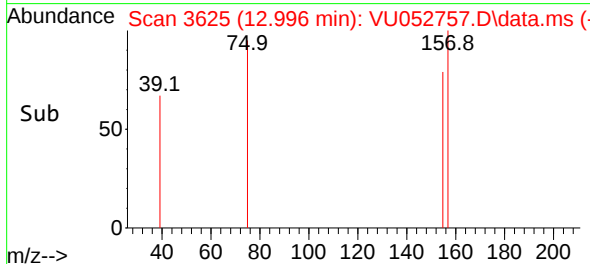
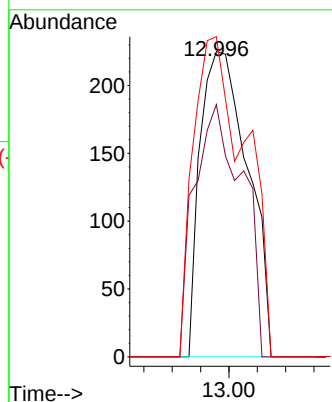
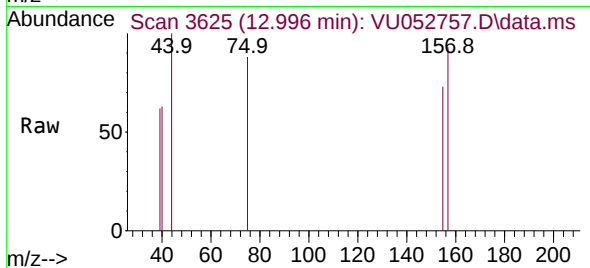




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.370 ug/l
RT: 12.996 min Scan# 30
Delta R.T. 0.007 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

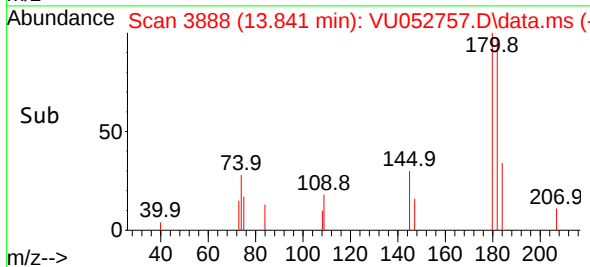
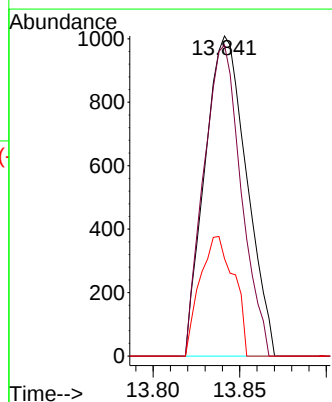
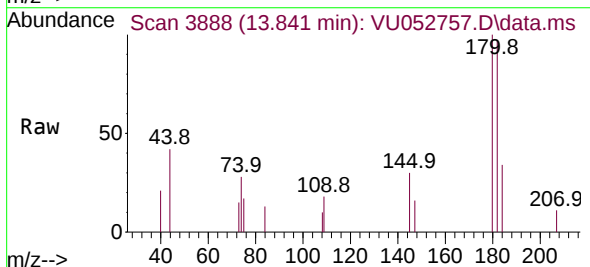
Instrument :
MSVOA_U
ClientSampleId :
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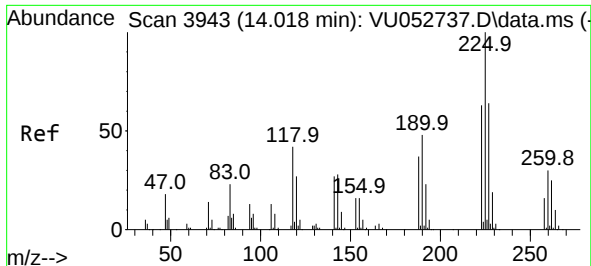
Tgt Ion: 75 Resp: 263
Ion Ratio Lower Upper
75 100
155 83.7 41.4 124.4
157 114.8 53.4 160.2



#93
1,2,4-Trichlorobenzene
Concen: 0.671 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.007 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

Tgt Ion:180 Resp: 1685
Ion Ratio Lower Upper
180 100
182 87.1 47.4 142.3
145 30.4 14.9 44.5

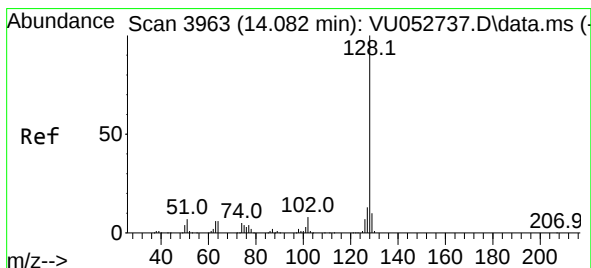
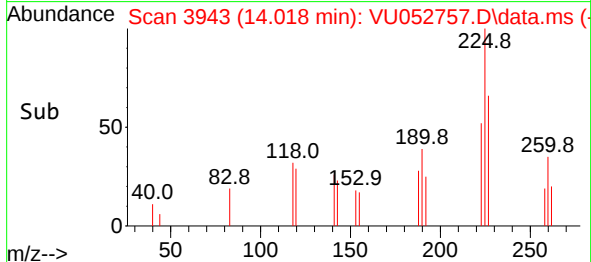
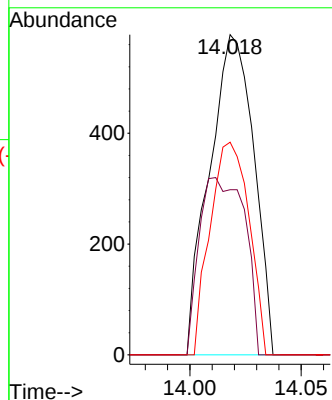
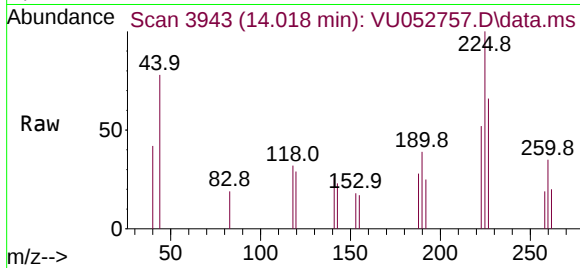




#94
Hexachlorobutadiene
Concen: 0.577 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. 0.000 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

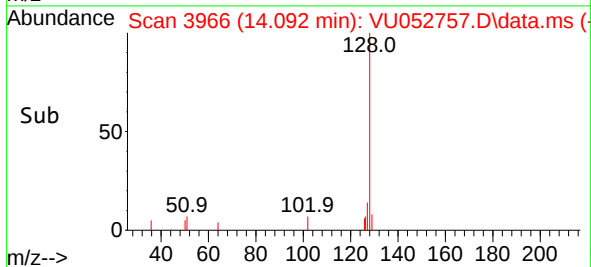
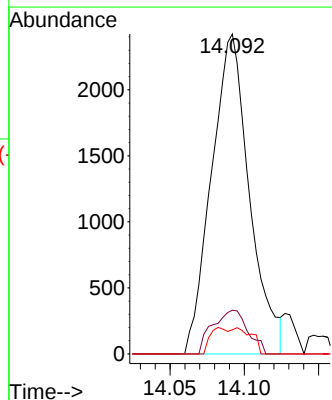
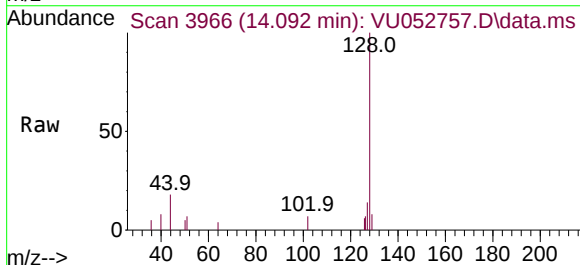
Instrument :
MSVOA_U
ClientSampleId :
MDL07

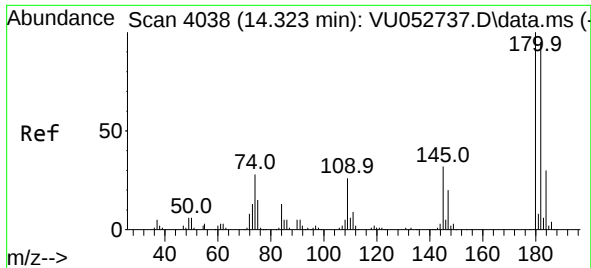
Tgt Ion:225	Resp:	803
Ion Ratio	Lower	Upper
225	100	
223	56.4	31.8 95.3
227	58.0	31.8 95.4



#95
Naphthalene
Concen: 0.604 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.010 min
Lab File: VU052757.D
Acq: 20 Jan 2023 12:59

Tgt Ion:128	Resp:	4300
Ion Ratio	Lower	Upper
128	100	
127	12.7	10.3 15.5
129	3.9	8.6 13.0#





#96

1,2,3-Trichlorobenzene

Concen: 0.678 ug/l

RT: 14.327 min Scan# 4038

Delta R.T. 0.003 min

Lab File: VU052757.D

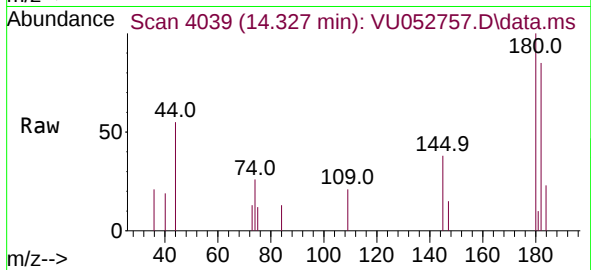
Acq: 20 Jan 2023 12:59

Instrument :

MSVOA_U

ClientSampleId :

MDL07



Tgt Ion:180 Resp: 1688

Ion	Ratio	Lower	Upper
180	100		
182	89.9	48.1	144.3
145	31.4	15.8	47.4

