

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012023\
 Data File : VU052759.D
 Acq On : 20 Jan 2023 13:45
 Operator : JC/MD
 Sample : MDL07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

Quant Time: Jan 21 01:21:53 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	197430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	328422	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	301417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	139179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	145445	51.153	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.300%
35) Dibromofluoromethane	5.282	113	115844	50.657	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.320%
50) Toluene-d8	7.893	98	408719	47.658	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.320%
62) 4-Bromofluorobenzene	10.629	95	141605	45.201	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	5565	2.390	ug/l	99
3) Chloromethane	1.520	50	7114	2.975	ug/l	95
4) Vinyl Chloride	1.604	62	6470	2.713	ug/l	95
5) Bromomethane	1.858	94	3481	2.956	ug/l	98
6) Chloroethane	1.932	64	3674	2.437	ug/l	98
7) Trichlorofluoromethane	2.131	101	9952	2.710	ug/l	97
8) Diethyl Ether	2.375	74	3445	2.577	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.575	101	5175	2.437	ug/l	97
10) Methyl Iodide	2.719	142	4315	2.473	ug/l	98
11) Tert butyl alcohol	3.269	59	187	0.386	ug/l #	88
12) 1,1-Dichloroethene	2.575	96	5479	2.609	ug/l	87
13) Acrolein	2.488	56	7112	14.930	ug/l	99
14) Allyl chloride	2.919	41	8044	2.432	ug/l	97
15) Acrylonitrile	3.317	53	16396	12.265	ug/l	99
16) Acetone	2.639	43	15848	11.695	ug/l	94
17) Carbon Disulfide	2.787	76	16722	2.658	ug/l	97
18) Methyl Acetate	2.951	43	9387	2.503	ug/l	96
19) Methyl tert-butyl Ether	3.356	73	18255	2.566	ug/l	95
20) Methylene Chloride	3.047	84	8305	2.723	ug/l	96
21) trans-1,2-Dichloroethene	3.350	96	5904	2.608	ug/l	89
22) Diisopropyl ether	3.989	45	16273	2.366	ug/l #	67
23) Vinyl Acetate	3.951	43	61175	11.590	ug/l	98
24) 1,1-Dichloroethane	3.870	63	11373	2.607	ug/l	96
25) 2-Butanone	4.713	43	19598	11.214	ug/l	96
26) 2,2-Dichloropropane	4.661	77	8962	2.504	ug/l	97
27) cis-1,2-Dichloroethene	4.661	96	6524	2.625	ug/l	97
28) Bromochloromethane	4.970	49	4408	2.421	ug/l #	97
29) Tetrahydrofuran	5.060	42	12402	12.224	ug/l	96
30) Chloroform	5.086	83	11311	2.425	ug/l	100
31) Cyclohexane	5.378	56	13129	3.295	ug/l #	61
32) 1,1,1-Trichloroethane	5.311	97	9921	2.597	ug/l	95
36) 1,1-Dichloropropene	5.523	75	7951	2.423	ug/l	97
37) Ethyl Acetate	4.813	43	7949	2.229	ug/l #	91
38) Carbon Tetrachloride	5.517	117	7797	2.310	ug/l	95
39) Methylcyclohexane	6.758	83	9182	2.405	ug/l	91
40) Benzene	5.771	78	24518	2.475	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	3871	2.243	ug/l #	93
42) 1,2-Dichloroethane	5.790	62	9644	2.696	ug/l	97
43) Isopropyl Acetate	5.909	43	12293	2.473	ug/l	95
44) Trichloroethene	6.539	130	6085	2.483	ug/l	94
45) 1,2-Dichloropropane	6.787	63	6642	2.599	ug/l	99
46) Dibromomethane	6.915	93	4336	2.450	ug/l	98
47) Bromodichloromethane	7.102	83	8629	2.437	ug/l	97
48) Methyl methacrylate	6.960	41	5300	2.339	ug/l	91
49) 1,4-Dioxane	7.028	88	2222	50.617	ug/l #	89
51) 4-Methyl-2-Pentanone	7.793	43	36413	11.316	ug/l	100
52) Toluene	7.967	92	14691	2.452	ug/l	96
53) t-1,3-Dichloropropene	8.208	75	8365	2.261	ug/l	93
54) cis-1,3-Dichloropropene	7.603	75	8659	2.195	ug/l	96
55) 1,1,2-Trichloroethane	8.394	97	5860	2.396	ug/l	89
56) Ethyl methacrylate	8.333	69	7775	2.258	ug/l	97
57) 1,3-Dichloropropane	8.571	76	10226	2.384	ug/l	96
58) 2-Chloroethyl Vinyl ether	7.465	63	661	6.321	ug/l #	46
59) 2-Hexanone	8.687	43	27955	11.278	ug/l	94
60) Dibromochloromethane	8.806	129	6182	2.302	ug/l	97
61) 1,2-Dibromoethane	8.922	107	6753	2.630	ug/l	89
64) Tetrachloroethene	8.552	164	5443	2.599	ug/l	97
65) Chlorobenzene	9.443	112	16390	2.570	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.529	131	5904	2.469	ug/l	97
67) Ethyl Benzene	9.568	91	24335	2.258	ug/l	99
68) m/p-Xylenes	9.690	106	18522	4.425	ug/l	97
69) o-Xylene	10.098	106	8741	2.187	ug/l	91
70) Styrene	10.111	104	14184	2.164	ug/l	98
71) Bromoform	10.288	173	4602	2.305	ug/l #	98
73) Isopropylbenzene	10.481	105	22502	2.454	ug/l	98
74) N-amyl acetate	10.320	43	8371	2.396	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.780	83	9917	2.730	ug/l	98
76) 1,2,3-Trichloropropane	10.819	75	10767	2.835	ug/l	100
77) Bromobenzene	10.780	156	6638	2.799	ug/l	98
78) n-propylbenzene	10.902	91	26903	2.495	ug/l	98
79) 2-Chlorotoluene	10.983	91	18148	2.723	ug/l	96
80) 1,3,5-Trimethylbenzene	11.082	105	18554	2.436	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.629	75	71157	72.801	ug/l #	13
82) 4-Chlorotoluene	11.095	91	19711	2.595	ug/l	96
83) tert-Butylbenzene	11.417	119	19202	2.456	ug/l	98
84) 1,2,4-Trimethylbenzene	11.465	105	18130	2.398	ug/l	98
85) sec-Butylbenzene	11.639	105	22426	2.343	ug/l	96
86) p-Isopropyltoluene	11.790	119	18179	2.234	ug/l	97
87) 1,3-Dichlorobenzene	11.741	146	12137	2.685	ug/l	99
88) 1,4-Dichlorobenzene	11.832	146	12537	2.697	ug/l	90
89) n-Butylbenzene	12.204	91	15709	2.250	ug/l	95
90) Hexachloroethane	12.471	117	3522	2.256	ug/l	89
91) 1,2-Dichlorobenzene	12.211	146	12086	2.651	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.995	75	1897	2.517	ug/l	94
93) 1,2,4-Trichlorobenzene	13.838	180	6379	2.396	ug/l	95
94) Hexachlorobutadiene	14.015	225	3694	2.503	ug/l	98
95) Naphthalene	14.085	128	16393	2.171	ug/l	99
96) 1,2,3-Trichlorobenzene	14.327	180	5972	2.260	ug/l	93

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

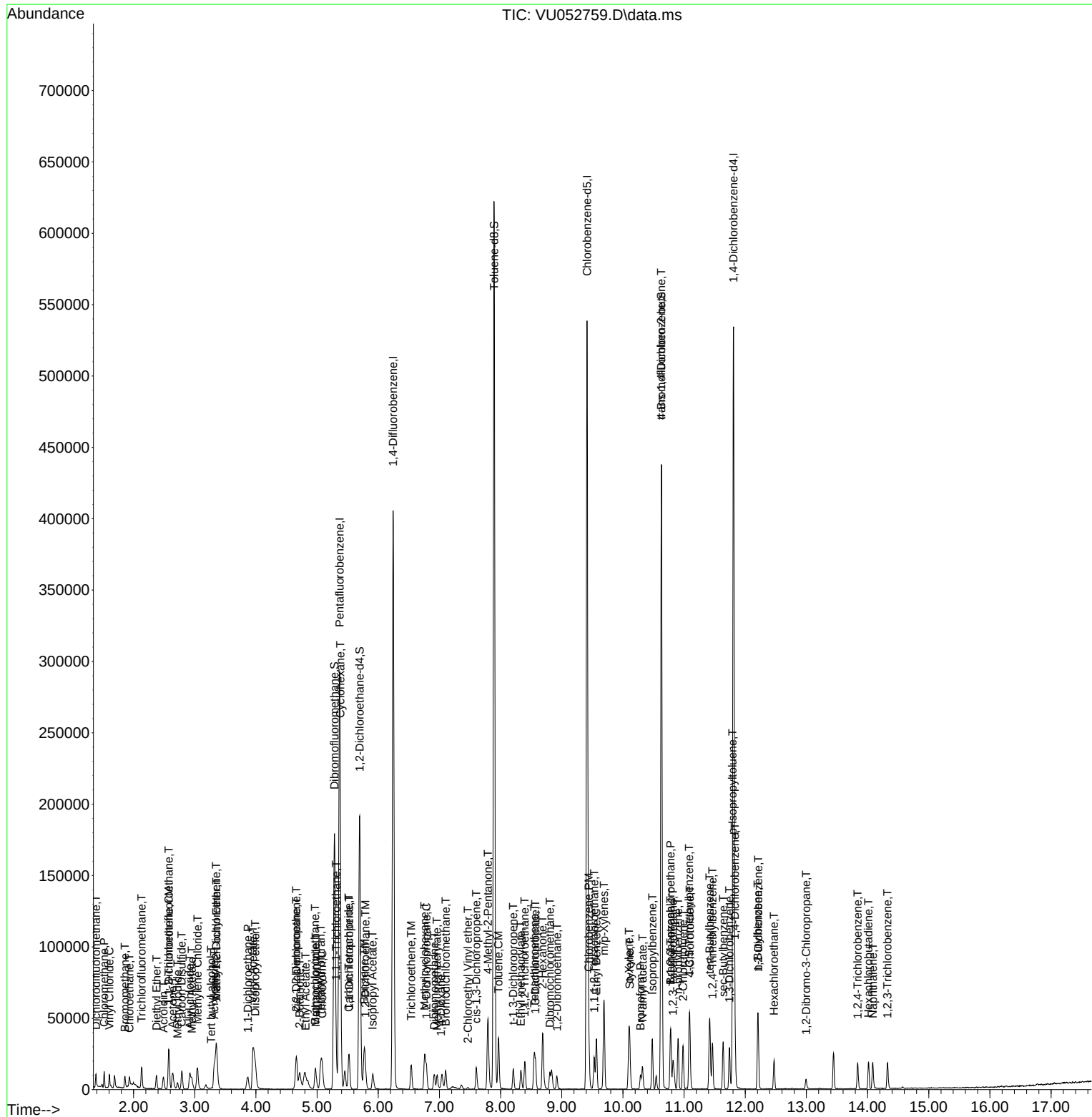
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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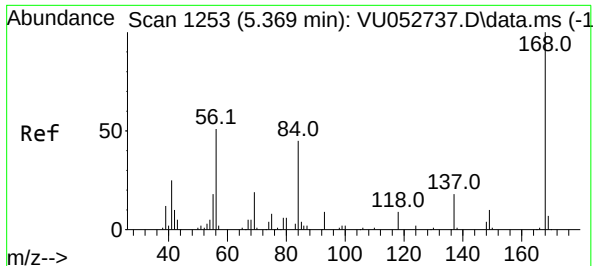
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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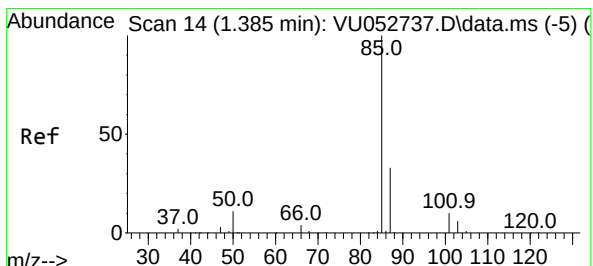
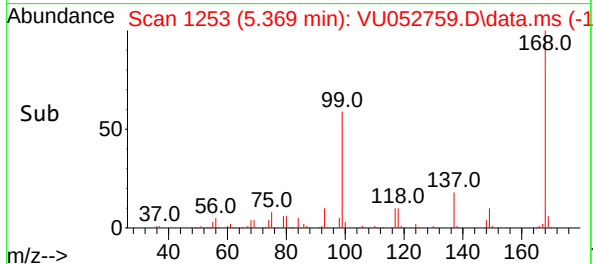
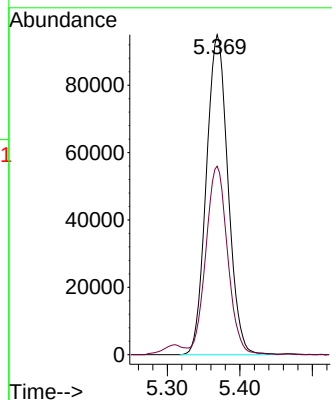
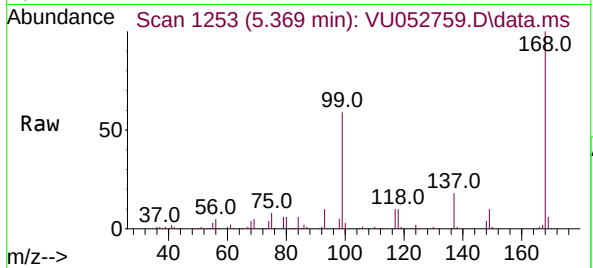




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.000 min
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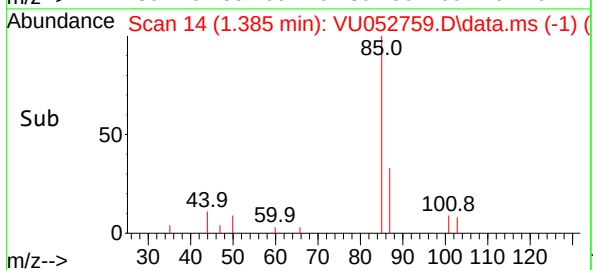
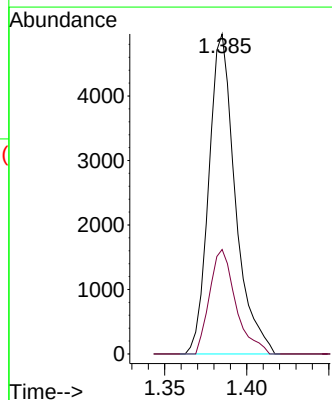
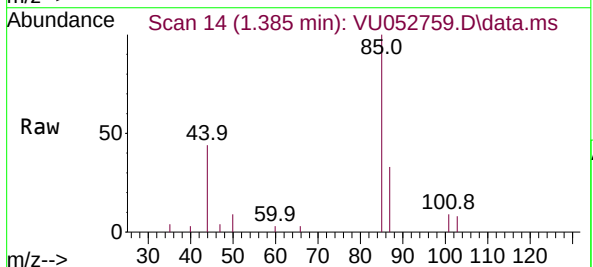
Instrument :
MSVOA_U
ClientSampleId :
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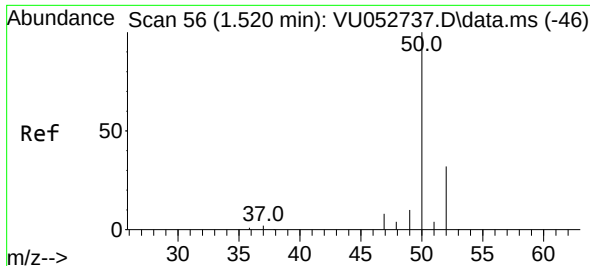
Tgt Ion:168 Resp: 197430
Ion Ratio Lower Upper
168 100
99 58.8 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 2.390 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

Tgt Ion: 85 Resp: 5565
Ion Ratio Lower Upper
85 100
87 32.6 16.6 49.7

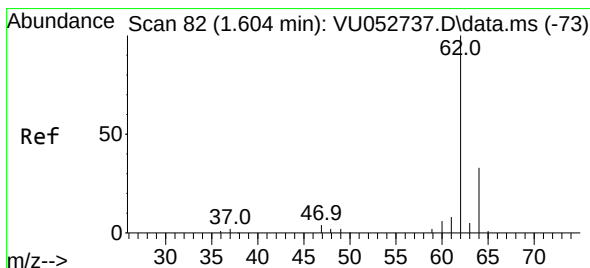
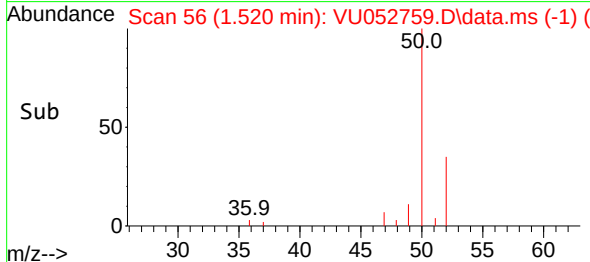
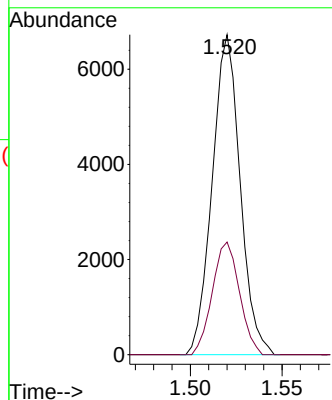
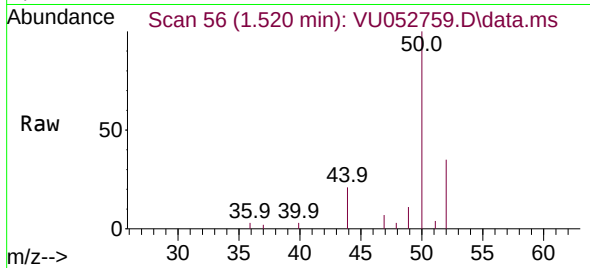




#3
Chloromethane
Concen: 2.975 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU052759.D
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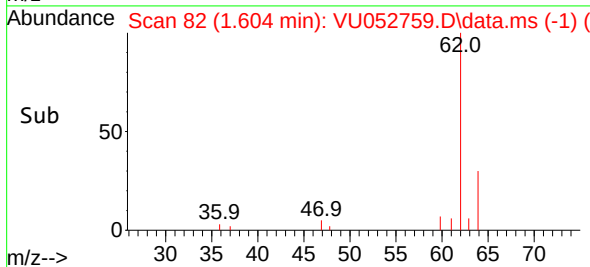
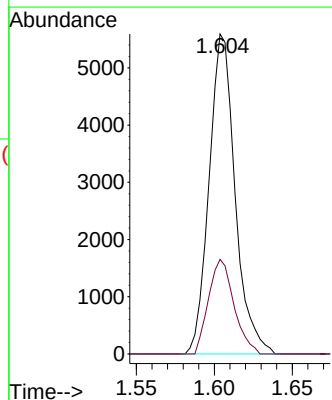
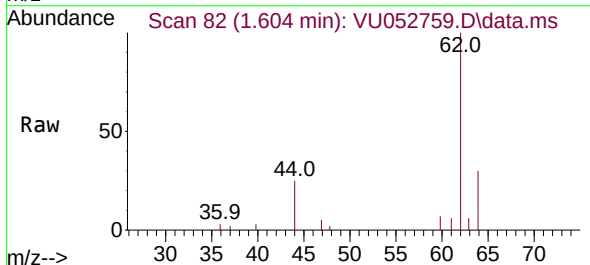
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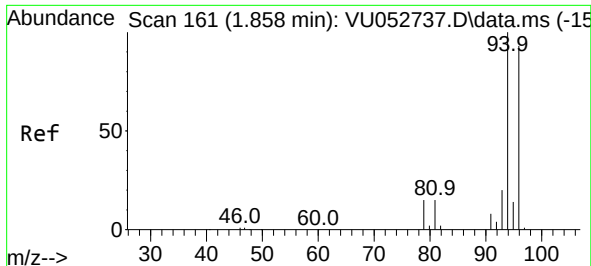
Tgt Ion: 50 Resp: 7114
Ion Ratio Lower Upper
50 100
52 35.2 25.8 38.6



#4
Vinyl Chloride
Concen: 2.713 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

Tgt Ion: 62 Resp: 6470
Ion Ratio Lower Upper
62 100
64 29.5 26.1 39.1

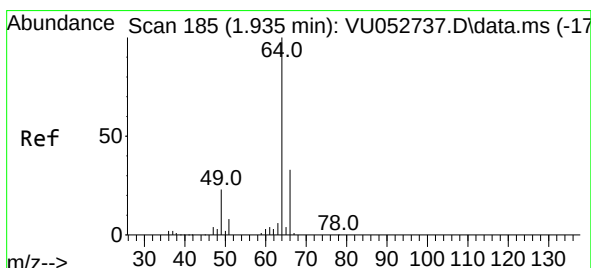
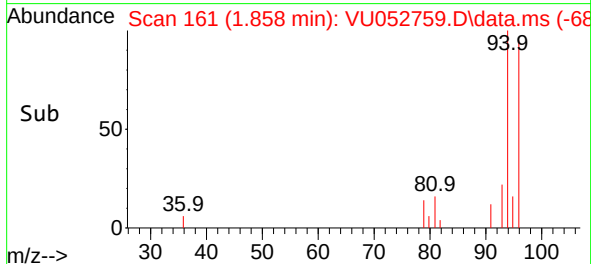
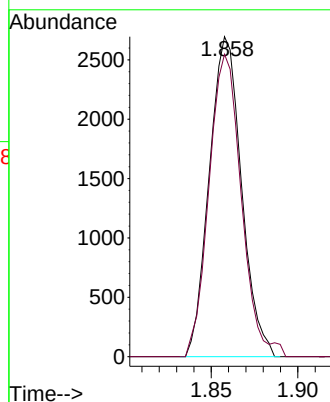
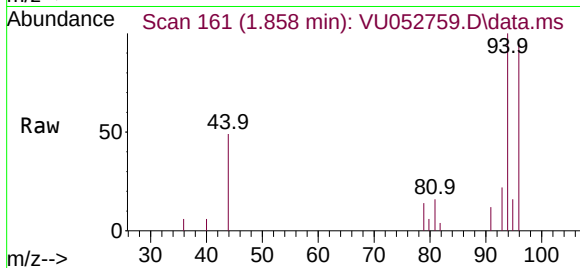




#5
Bromomethane
Concen: 2.956 ug/l
RT: 1.858 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

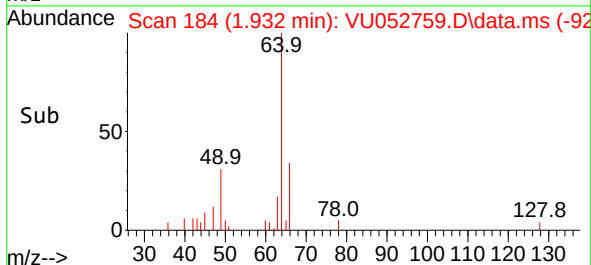
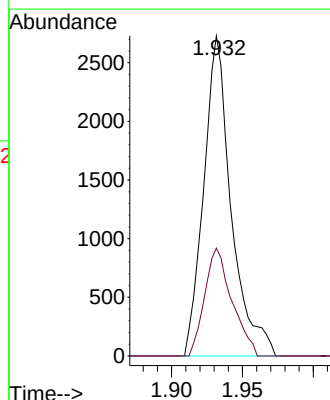
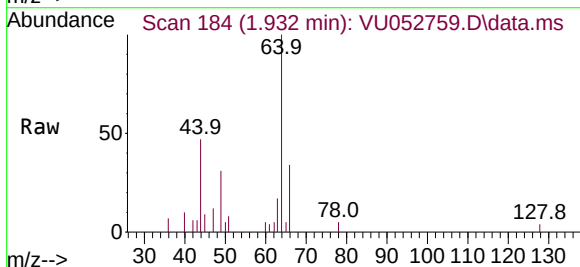
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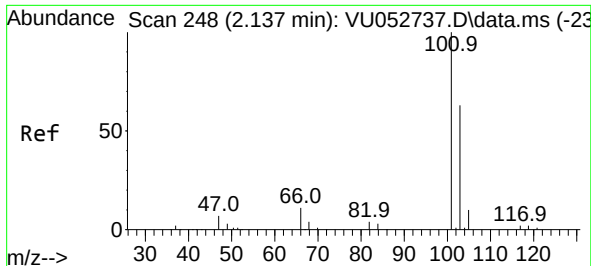
Tgt Ion: 94 Resp: 3481
Ion Ratio Lower Upper
94 100
96 94.5 74.3 111.5



#6
Chloroethane
Concen: 2.437 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

Tgt Ion: 64 Resp: 3674
Ion Ratio Lower Upper
64 100
66 33.7 26.1 39.1

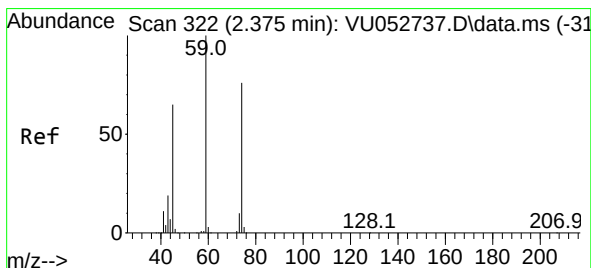
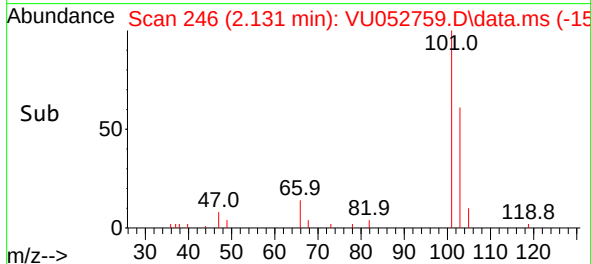
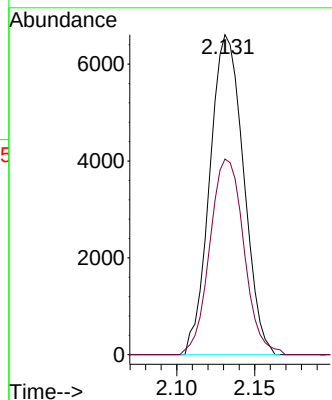
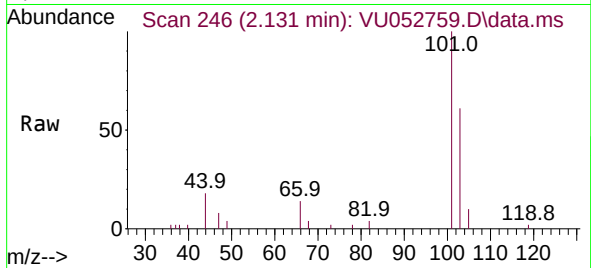




#7
Trichlorofluoromethane
Concen: 2.710 ug/l
RT: 2.131 min Scan# 248
Delta R.T. -0.006 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

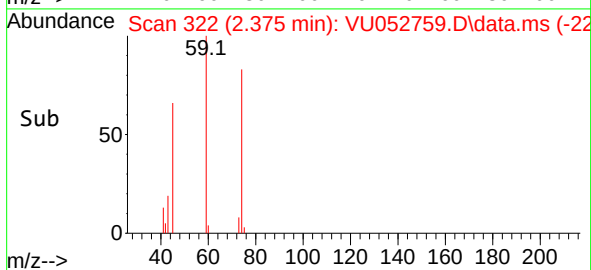
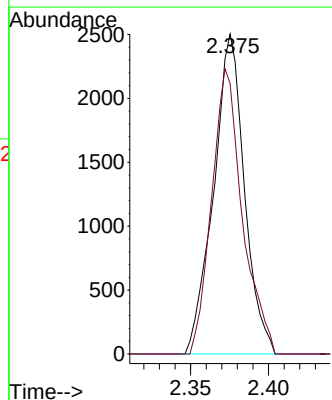
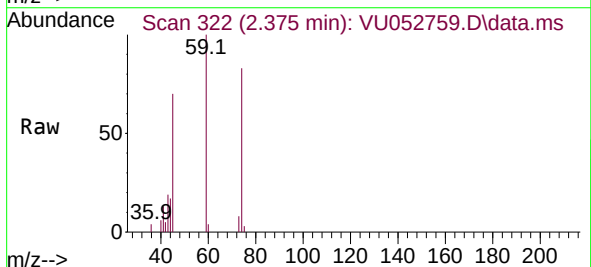
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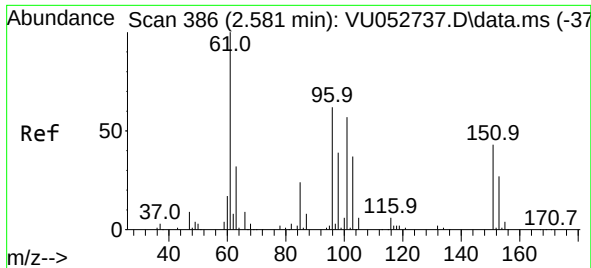
Tgt Ion:101 Resp: 9952
Ion Ratio Lower Upper
101 100
103 61.2 50.7 76.1



#8
Diethyl Ether
Concen: 2.577 ug/l
RT: 2.375 min Scan# 322
Delta R.T. 0.000 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

Tgt Ion: 74 Resp: 3445
Ion Ratio Lower Upper
74 100
45 88.7 42.4 127.3

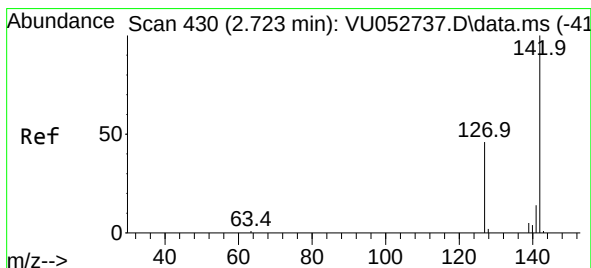
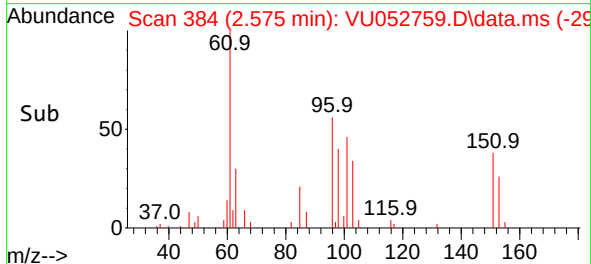
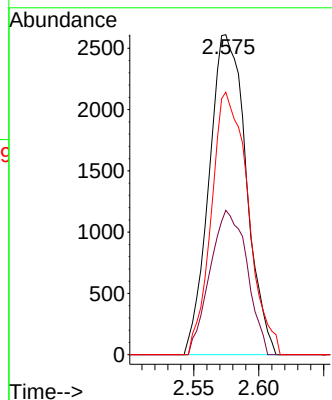
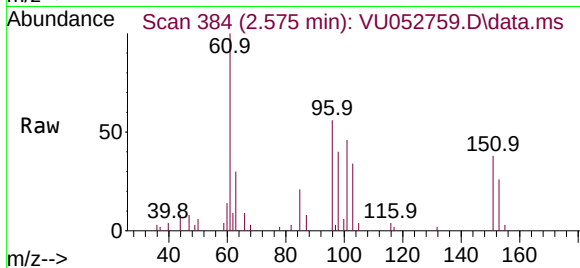




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.437 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.006 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

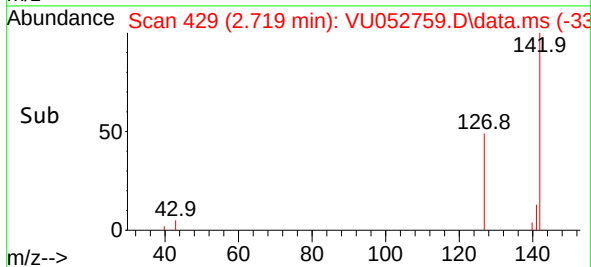
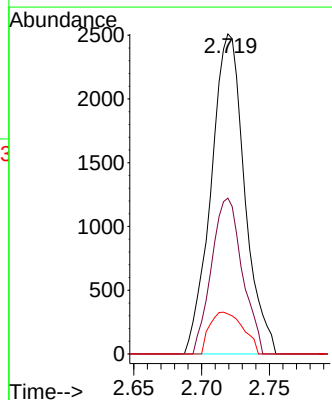
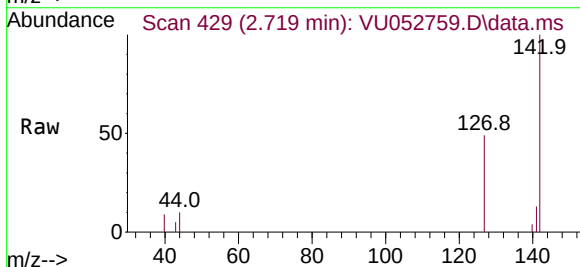
Instrument :
MSVOA_U
ClientSampleId :
MDL07

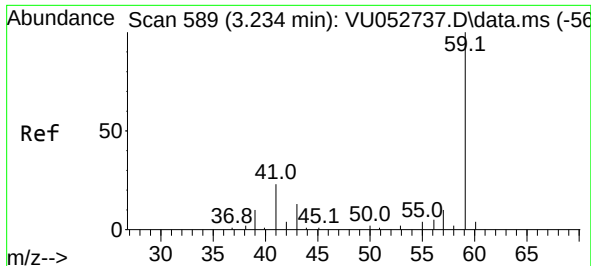
Tgt Ion:	101	Resp:	5175
Ion	Ratio	Lower	Upper
101	100		
85	45.0	35.1	52.7
151	81.1	61.9	92.9



#10
Methyl Iodide
Concen: 2.473 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.004 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

Tgt Ion:	142	Resp:	4315
Ion	Ratio	Lower	Upper
142	100		
127	44.8	36.3	54.5
141	13.0	11.8	17.6





#11

Tert butyl alcohol

Concen: 0.386 ug/l

RT: 3.269 min Scan# 60

Delta R.T. 0.035 min

Lab File: VU052759.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

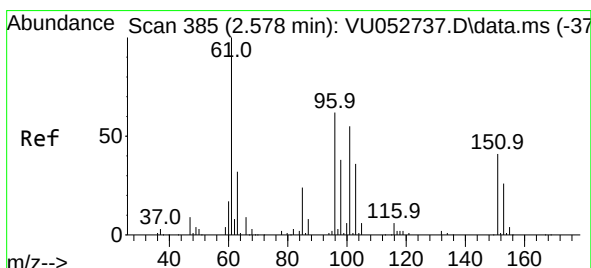
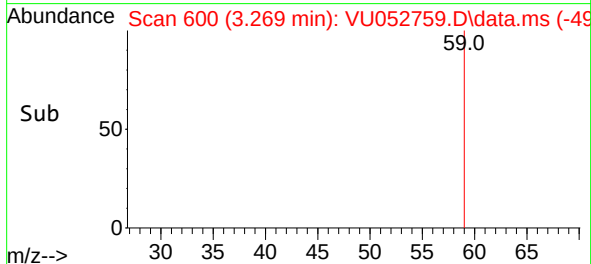
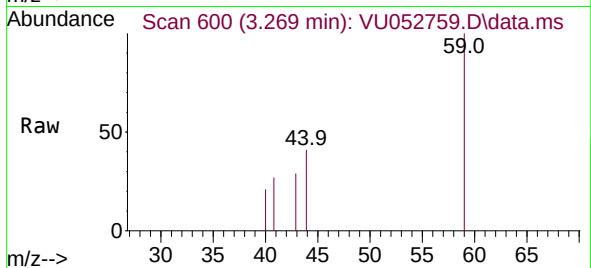
MDL07

Tgt Ion: 59 Resp: 187

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 2.609 ug/l

RT: 2.575 min Scan# 384

Delta R.T. -0.003 min

Lab File: VU052759.D

Acq: 20 Jan 2023 13:45

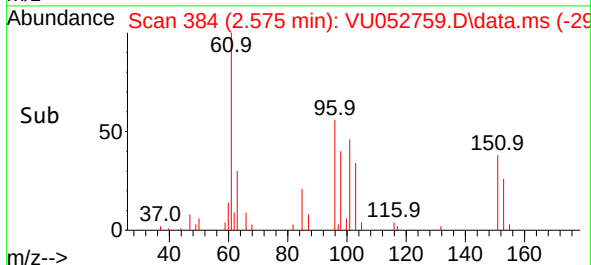
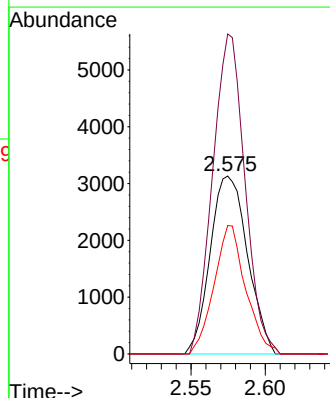
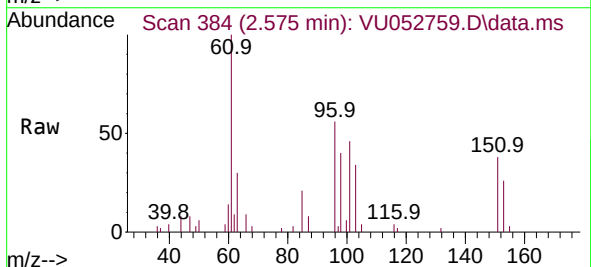
Tgt Ion: 96 Resp: 5479

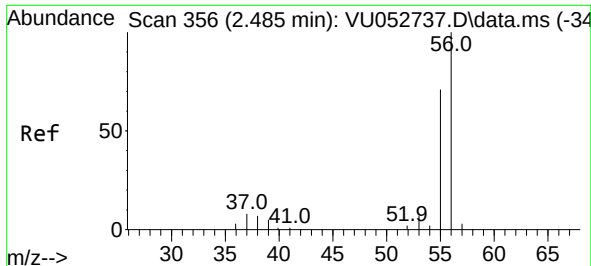
Ion Ratio Lower Upper

96 100

61 179.8 129.8 194.6

98 72.2 49.9 74.9





#13

Acrolein

Concen: 14.930 ug/l

RT: 2.488 min Scan# 356

Delta R.T. 0.003 min

Lab File: VU052759.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

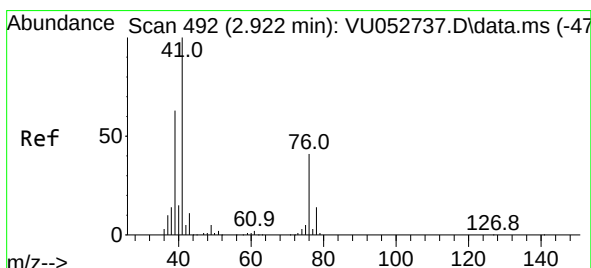
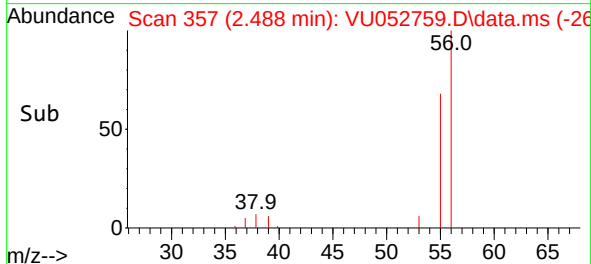
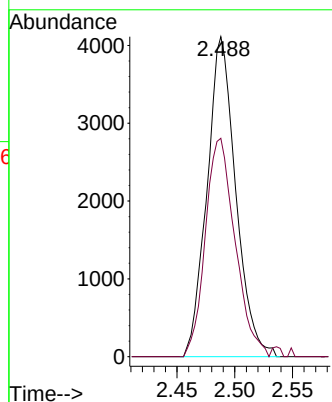
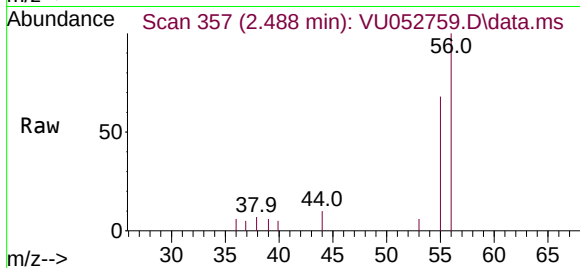
MDL07

Tgt Ion: 56 Resp: 7112

Ion Ratio Lower Upper

56 100

55 70.6 57.2 85.8



#14

Allyl chloride

Concen: 2.432 ug/l

RT: 2.919 min Scan# 491

Delta R.T. -0.003 min

Lab File: VU052759.D

Acq: 20 Jan 2023 13:45

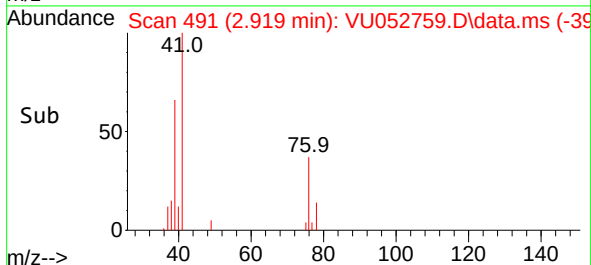
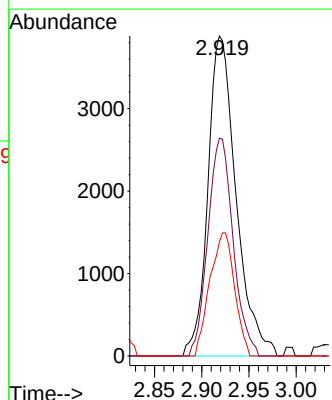
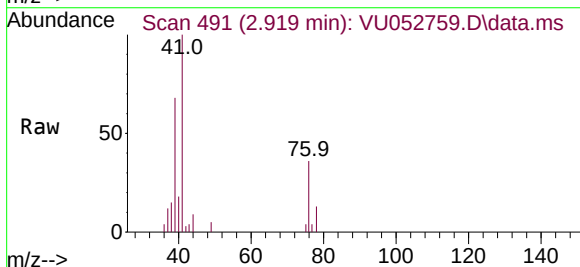
Tgt Ion: 41 Resp: 8044

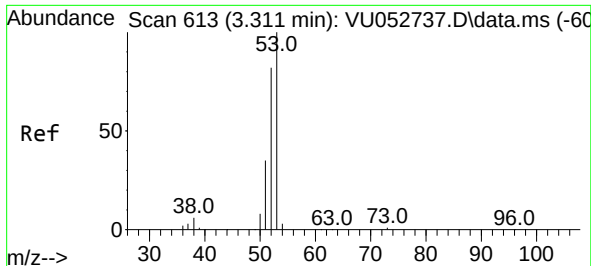
Ion Ratio Lower Upper

41 100

39 61.1 48.2 72.2

76 33.7 29.4 44.0

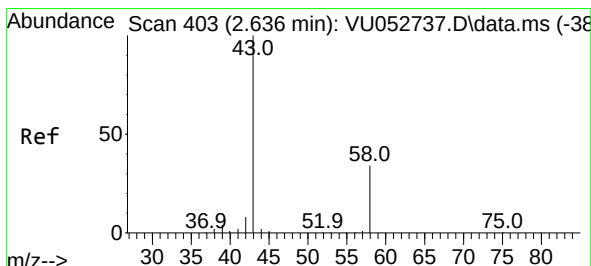
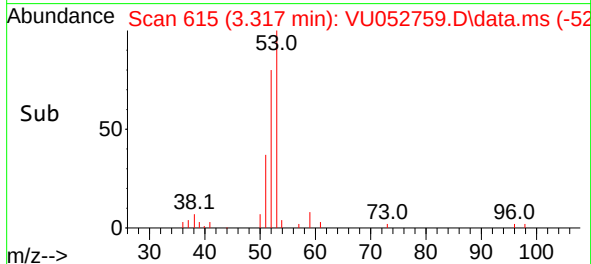
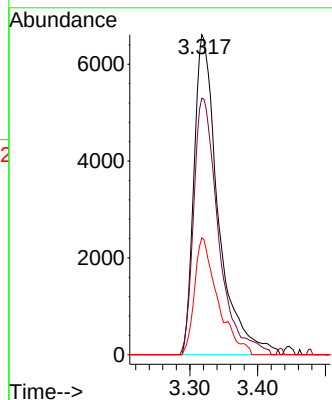
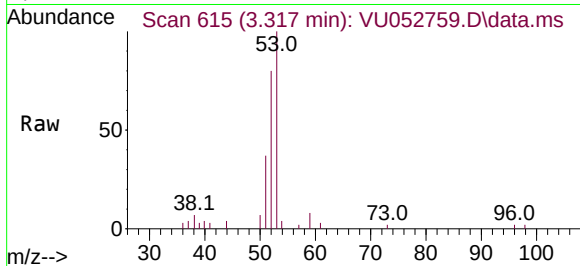




#15
Acrylonitrile
Concen: 12.265 ug/l
RT: 3.317 min Scan# 613
Delta R.T. 0.006 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

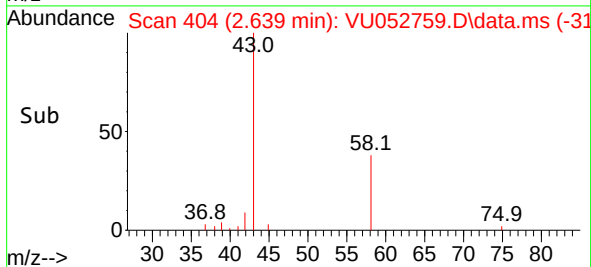
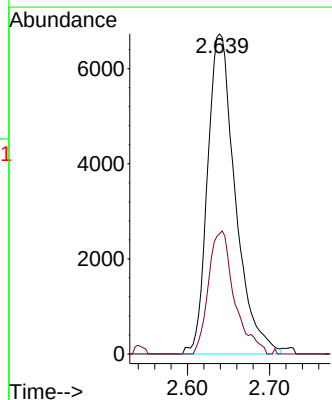
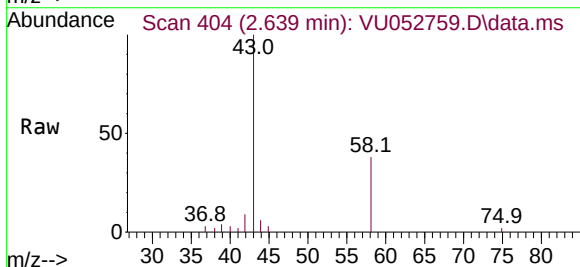
Instrument :
MSVOA_U
ClientSampleId :
MDL07

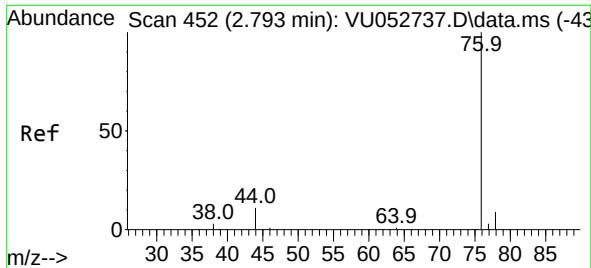
Tgt Ion: 53	Resp:	16396
Ion	Ratio	Lower Upper
53	100	
52	81.9	64.9 97.3
51	34.9	27.6 41.4



#16
Acetone
Concen: 11.695 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.003 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

Tgt Ion: 43	Resp:	15848
Ion	Ratio	Lower Upper
43	100	
58	37.6	27.1 40.7

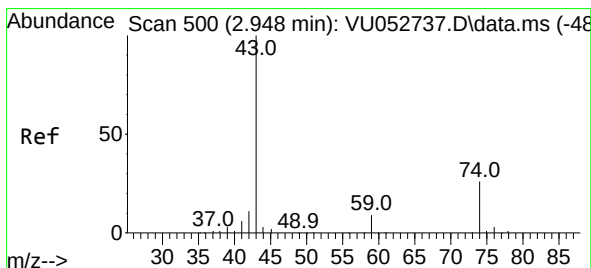
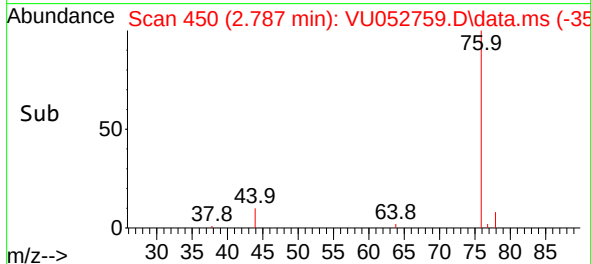
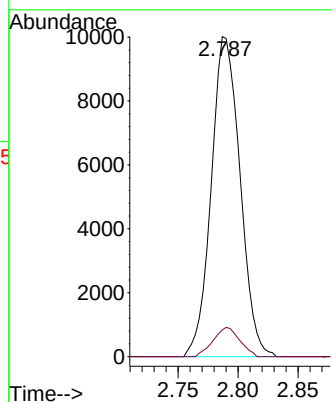
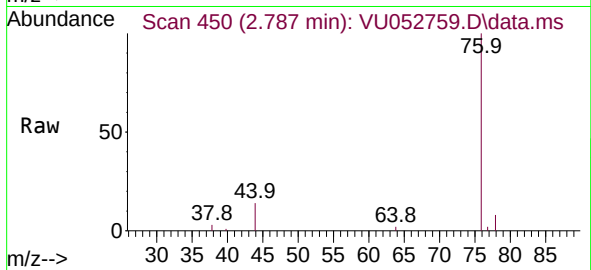




#17
Carbon Disulfide
Concen: 2.658 ug/l
RT: 2.787 min Scan# 41
Delta R.T. -0.006 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

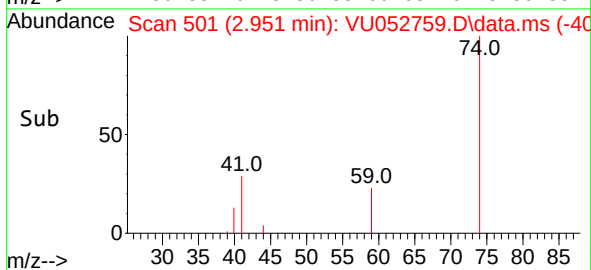
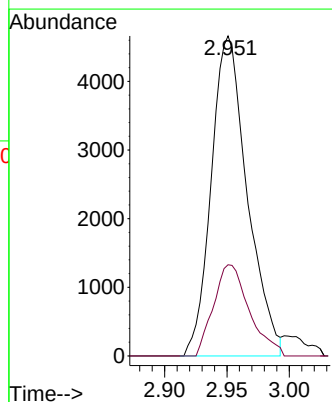
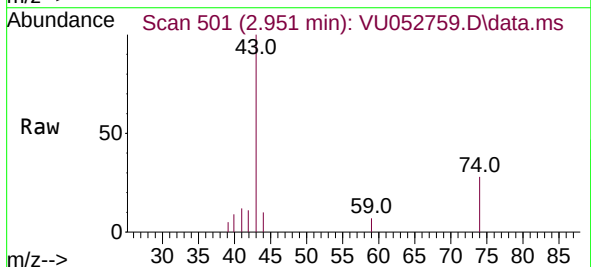
Instrument :
MSVOA_U
ClientSampleId :
MDL07

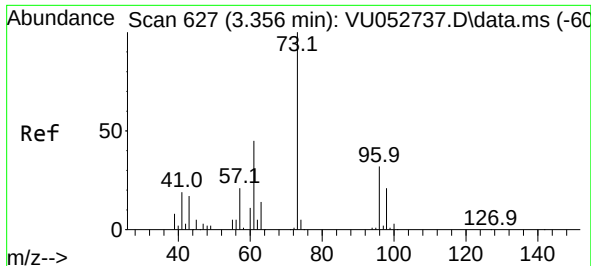
Tgt Ion: 76 Resp: 16722
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.2



#18
Methyl Acetate
Concen: 2.503 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

Tgt Ion: 43 Resp: 9387
Ion Ratio Lower Upper
43 100
74 28.2 21.1 31.7





#19

Methyl tert-butyl Ether

Concen: 2.566 ug/l

RT: 3.356 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU052759.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

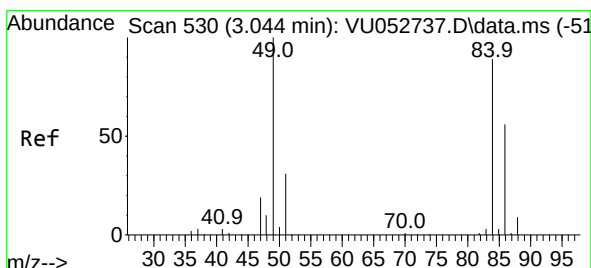
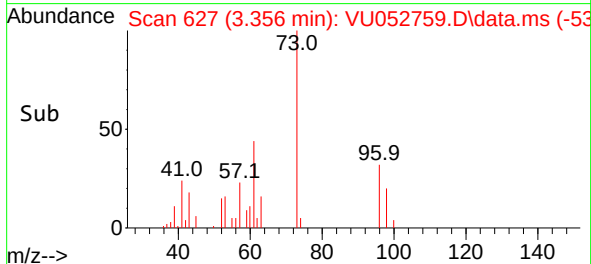
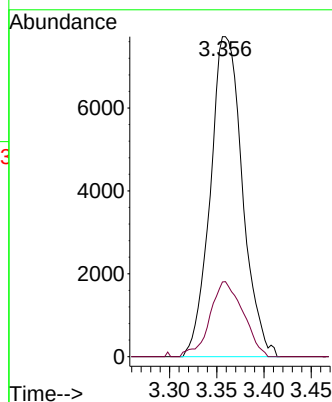
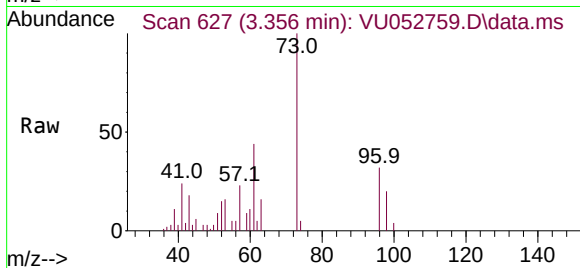
MDL07

Tgt Ion: 73 Resp: 18255

Ion Ratio Lower Upper

73 100

57 23.4 16.9 25.3



#20

Methylene Chloride

Concen: 2.723 ug/l

RT: 3.047 min Scan# 531

Delta R.T. 0.003 min

Lab File: VU052759.D

Acq: 20 Jan 2023 13:45

Tgt Ion: 84 Resp: 8305

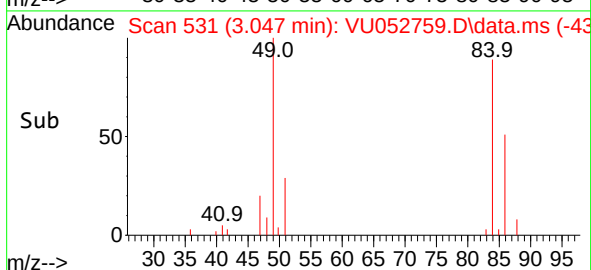
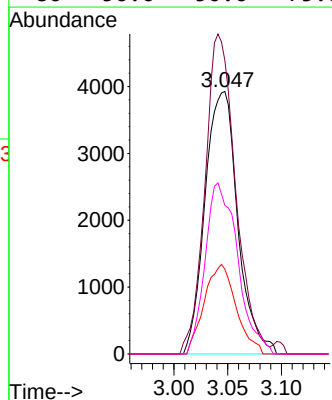
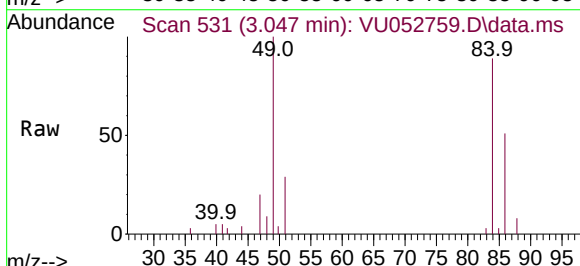
Ion Ratio Lower Upper

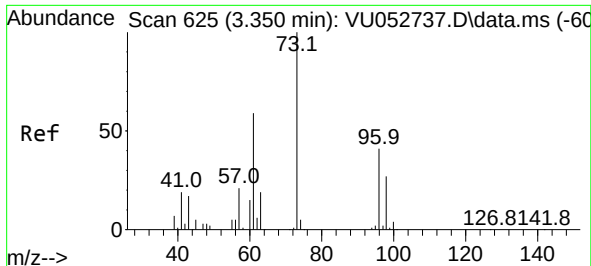
84 100

49 111.8 90.2 135.4

51 32.3 28.1 42.1

86 56.6 50.6 75.8

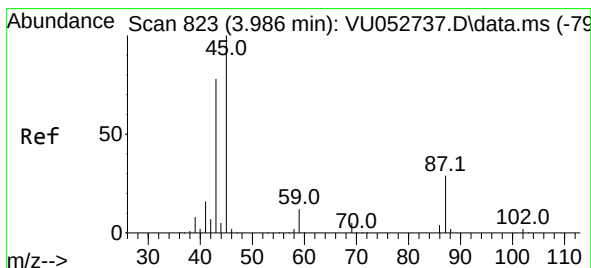
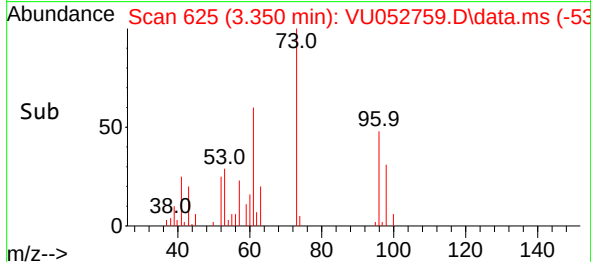
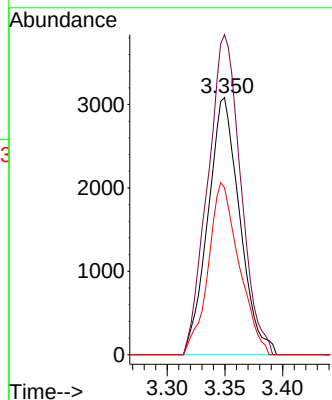
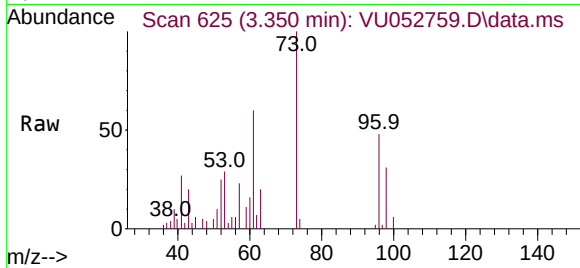




#21
trans-1,2-Dichloroethene
Concen: 2.608 ug/l
RT: 3.350 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

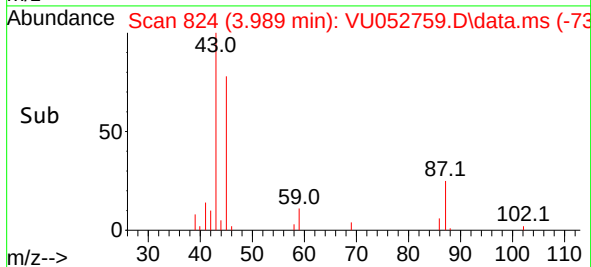
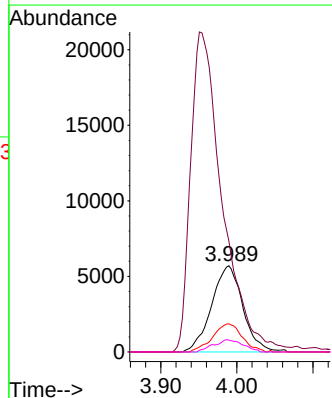
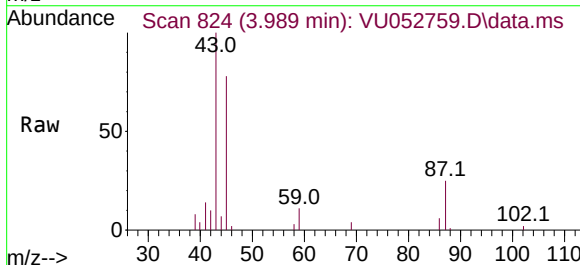
Instrument :
MSVOA_U
ClientSampleId :
MDL07

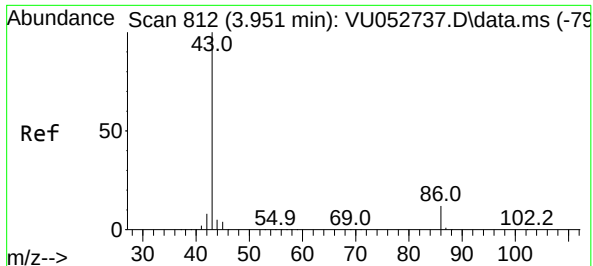
Tgt Ion: 96 Resp: 5904
Ion Ratio Lower Upper
96 100
61 124.5 114.7 172.1
98 64.9 52.4 78.6



#22
Diisopropyl ether
Concen: 2.366 ug/l
RT: 3.989 min Scan# 824
Delta R.T. 0.003 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

Tgt Ion: 45 Resp: 16273
Ion Ratio Lower Upper
45 100
43 121.6 64.6 97.0#
87 32.6 23.2 34.8
59 13.8 9.5 14.3

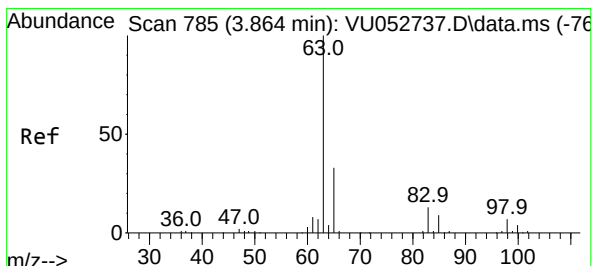
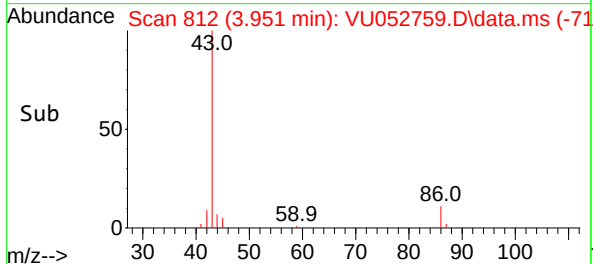
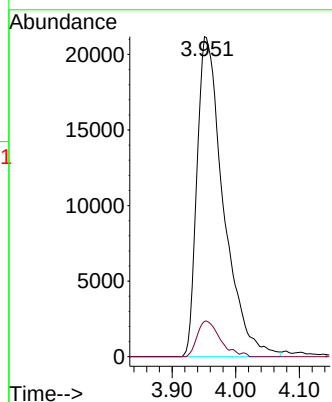
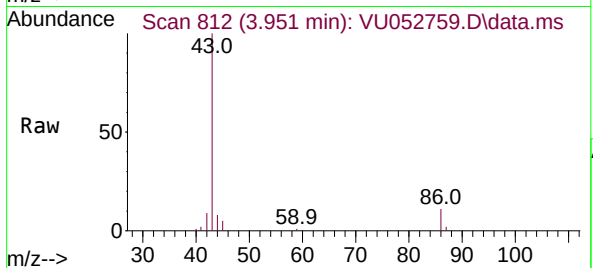




#23
 Vinyl Acetate
 Concen: 11.590 ug/l
 RT: 3.951 min Scan# 812
 Delta R.T. -0.000 min
 Lab File: VU052759.D
 Acq: 20 Jan 2023 13:45

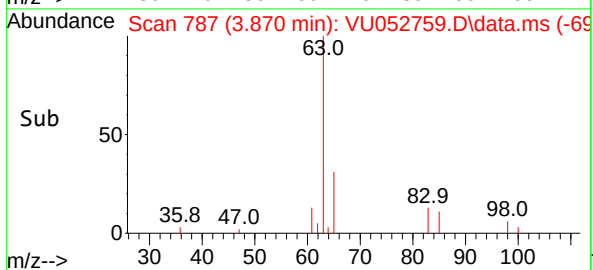
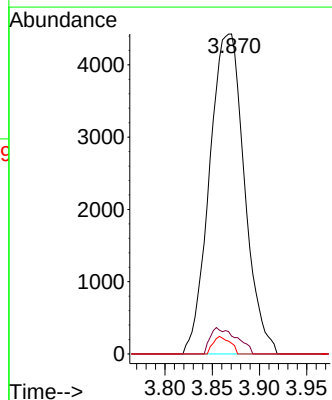
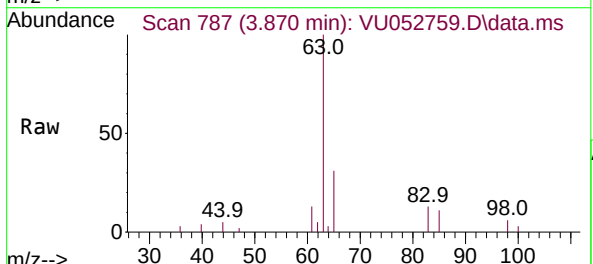
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

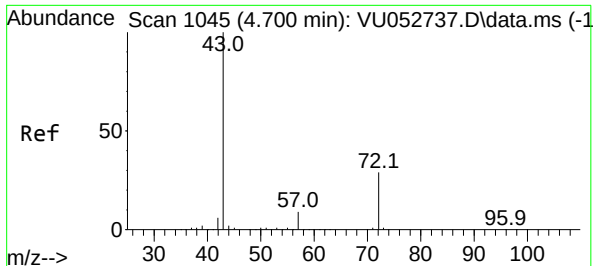
Tgt Ion: 43 Resp: 61175
 Ion Ratio Lower Upper
 43 100
 86 11.0 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 2.607 ug/l
 RT: 3.870 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VU052759.D
 Acq: 20 Jan 2023 13:45

Tgt Ion: 63 Resp: 11373
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.6 10.9
 100 3.4 2.2 6.6





#25

2-Butanone

Concen: 11.214 ug/l

RT: 4.713 min Scan# 1049

Delta R.T. 0.013 min

Lab File: VU052759.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

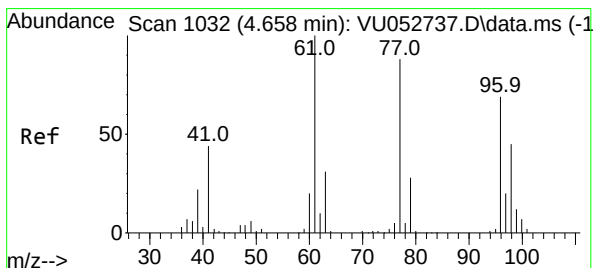
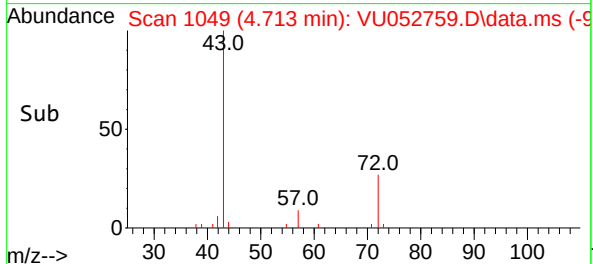
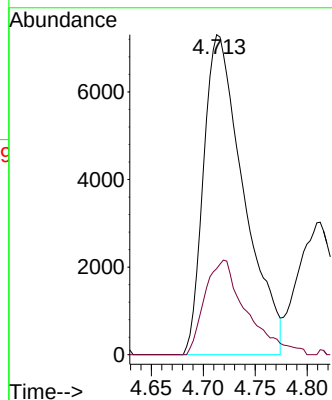
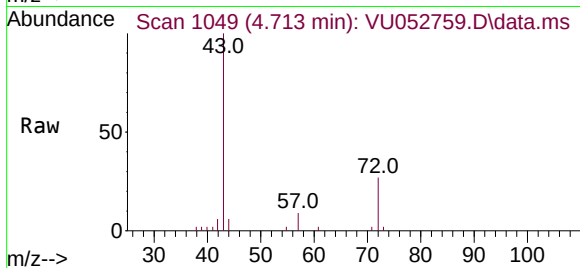
MDL07

Tgt Ion: 43 Resp: 19598

Ion Ratio Lower Upper

43 100

72 26.9 23.3 34.9



#26

2,2-Dichloropropane

Concen: 2.504 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VU052759.D

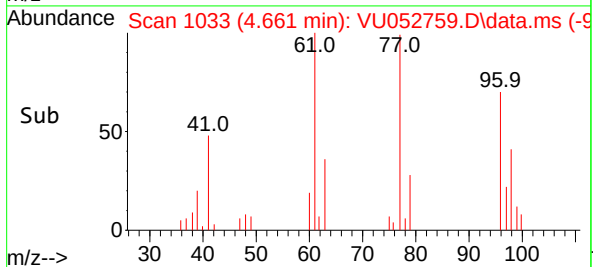
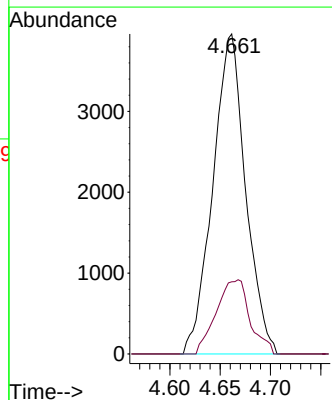
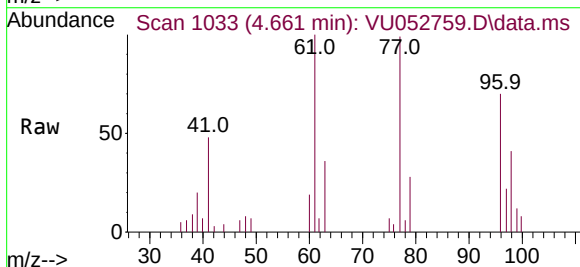
Acq: 20 Jan 2023 13:45

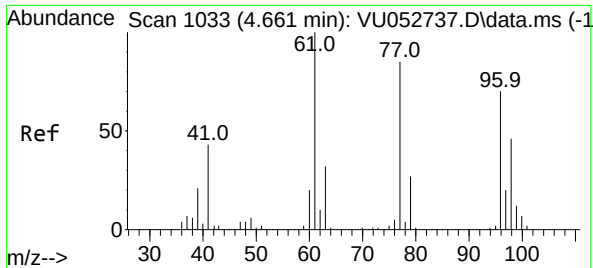
Tgt Ion: 77 Resp: 8962

Ion Ratio Lower Upper

77 100

97 23.8 11.3 33.8

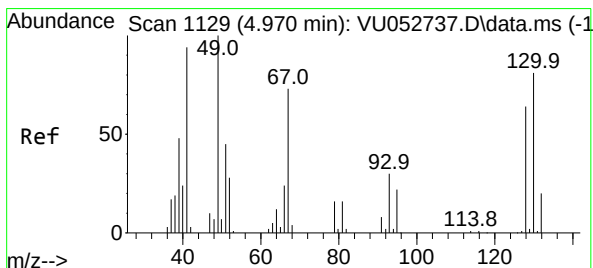
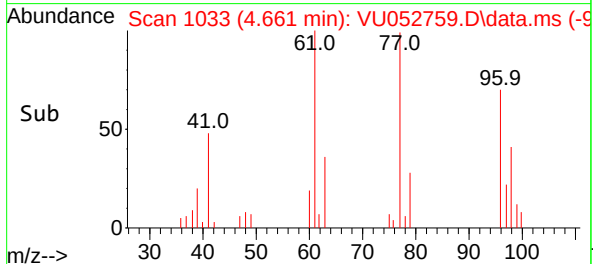
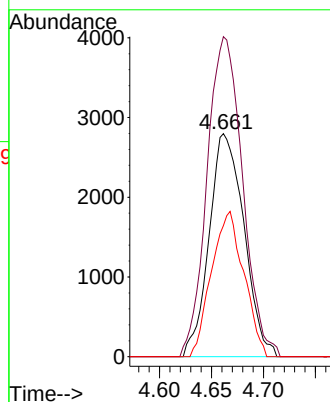
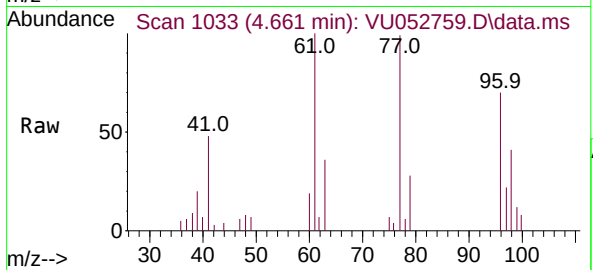




#27
 cis-1,2-Dichloroethene
 Concen: 2.625 ug/l
 RT: 4.661 min Scan# 1033
 Delta R.T. -0.000 min
 Lab File: VU052759.D
 Acq: 20 Jan 2023 13:45

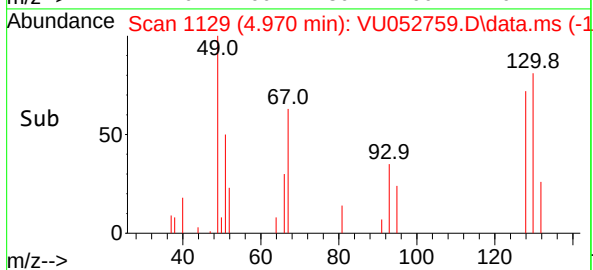
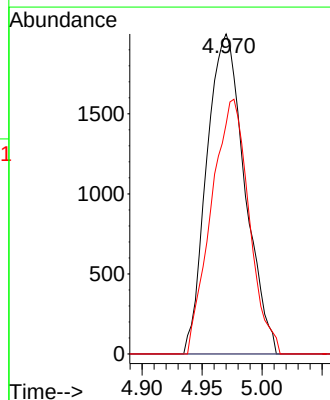
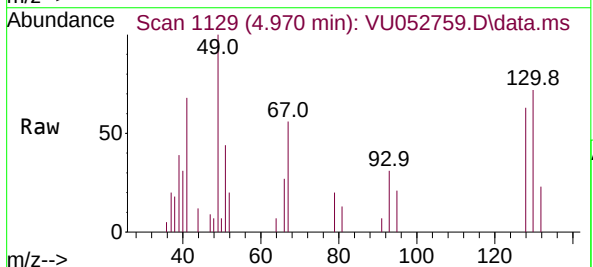
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

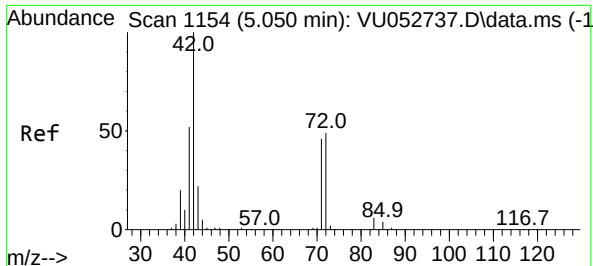
Tgt Ion: 96	Resp: 6524		
Ion Ratio	Lower	Upper	
96	100		
61	146.4	0.0	287.2
98	60.5	0.0	128.4



#28
 Bromochloromethane
 Concen: 2.421 ug/l
 RT: 4.970 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VU052759.D
 Acq: 20 Jan 2023 13:45

Tgt Ion: 49	Resp: 4408
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 4.6
130 79.1	65.5 98.3





#29

Tetrahydrofuran

Concen: 12.224 ug/l

RT: 5.060 min Scan# 1157

Delta R.T. 0.010 min

Lab File: VU052759.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

MDL07

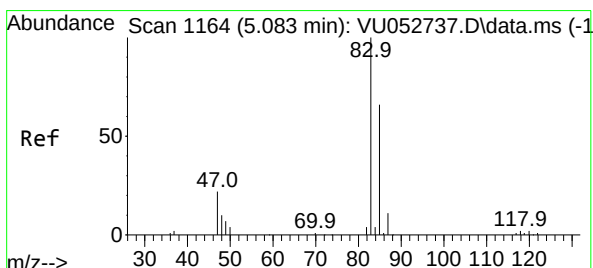
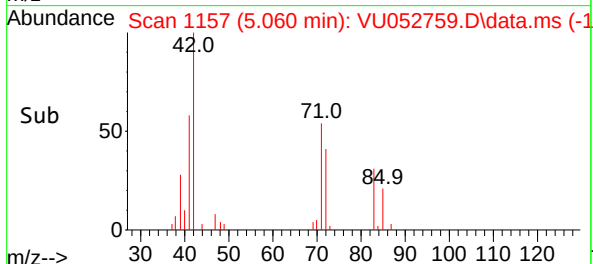
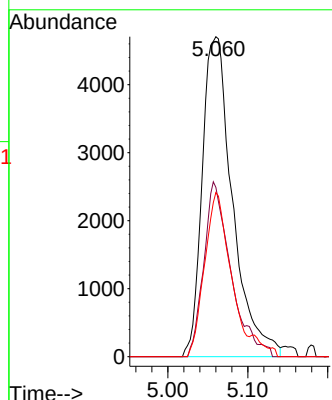
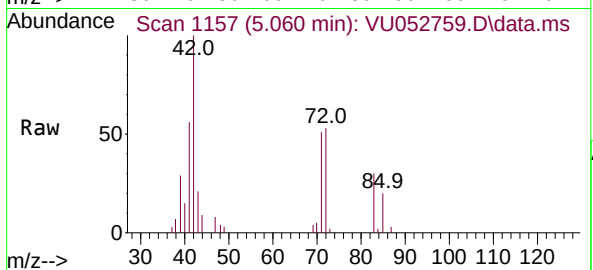
Tgt Ion: 42 Resp: 12402

Ion Ratio Lower Upper

42 100

72 48.7 40.5 60.7

71 43.4 37.4 56.0



#30

Chloroform

Concen: 2.425 ug/l

RT: 5.086 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU052759.D

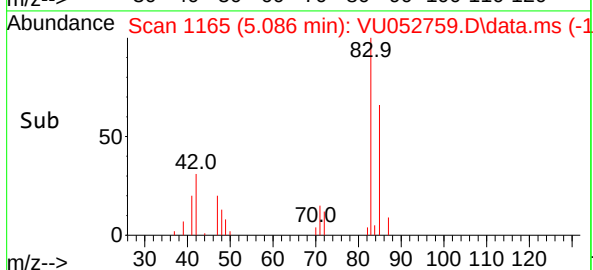
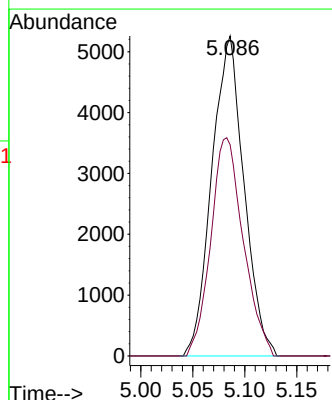
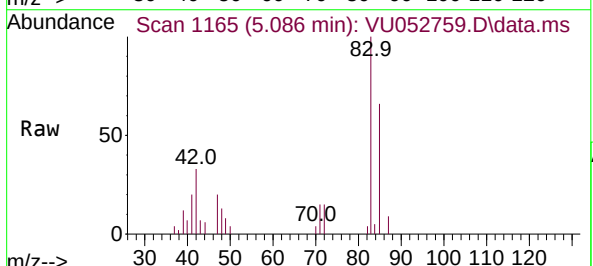
Acq: 20 Jan 2023 13:45

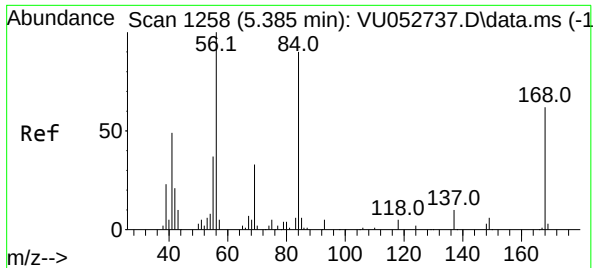
Tgt Ion: 83 Resp: 11311

Ion Ratio Lower Upper

83 100

85 66.0 52.6 79.0

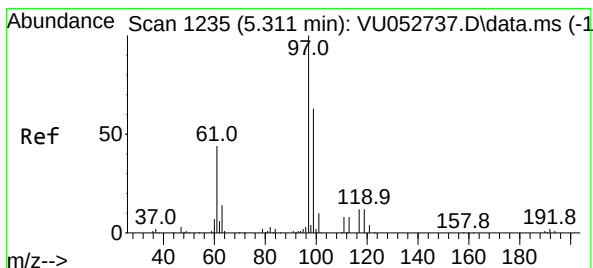
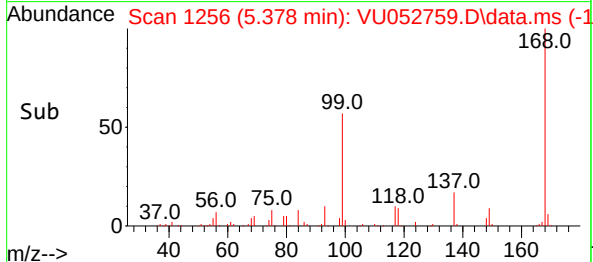
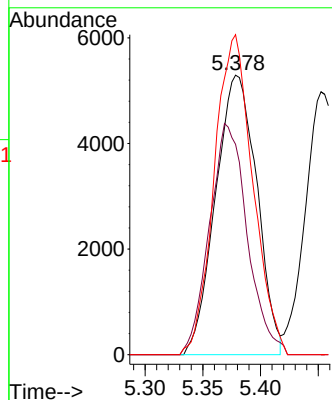
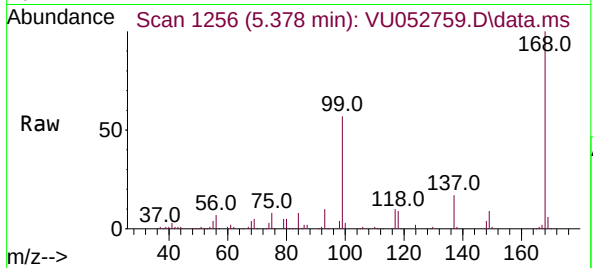




#31
Cyclohexane
Concen: 3.295 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.006 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

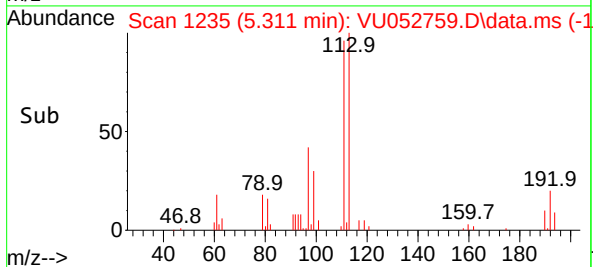
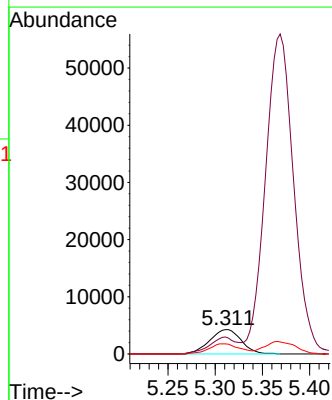
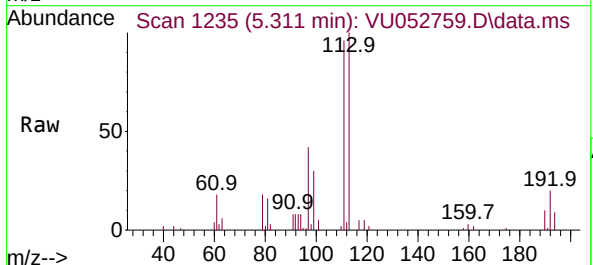
Instrument :
MSVOA_U
ClientSampleId :
MDL07

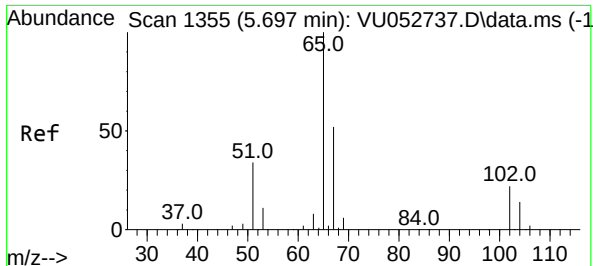
Tgt Ion: 56 Resp: 13129
Ion Ratio Lower Upper
56 100
69 75.3 26.2 39.2#
84 114.5 72.2 108.4#



#32
1,1,1-Trichloroethane
Concen: 2.597 ug/l
RT: 5.311 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

Tgt Ion: 97 Resp: 9921
Ion Ratio Lower Upper
97 100
99 59.1 50.5 75.7
61 40.7 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 51.153 ug/l

RT: 5.697 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052759.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

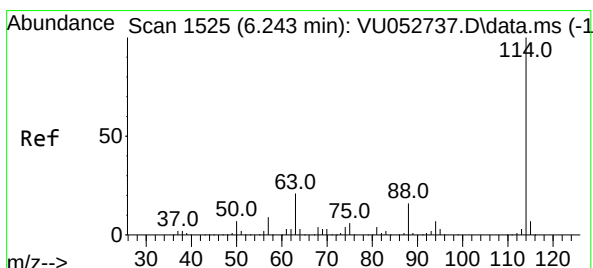
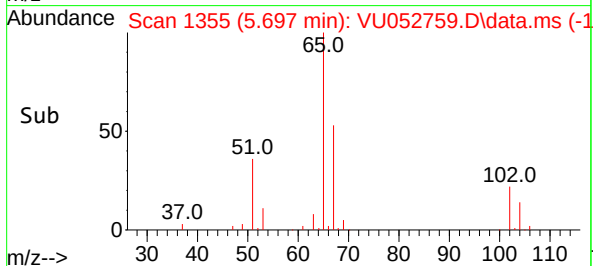
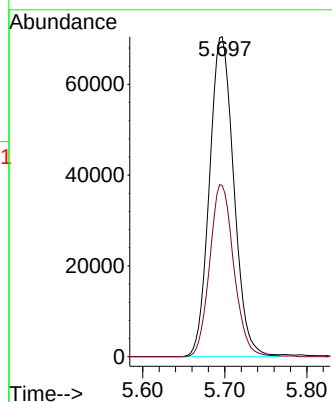
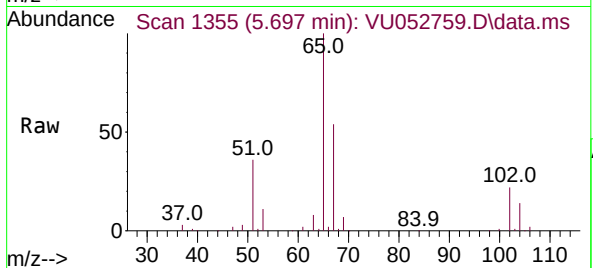
MDL07

Tgt Ion: 65 Resp: 145445

Ion Ratio Lower Upper

65 100

67 53.3 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.243 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VU052759.D

Acq: 20 Jan 2023 13:45

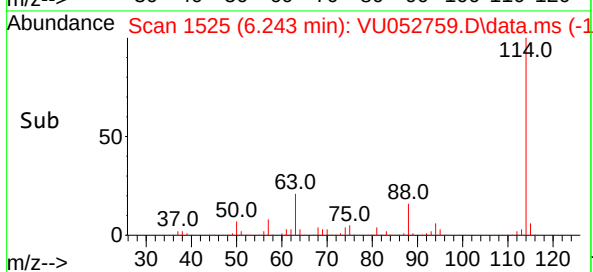
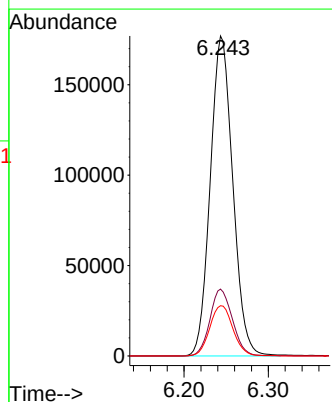
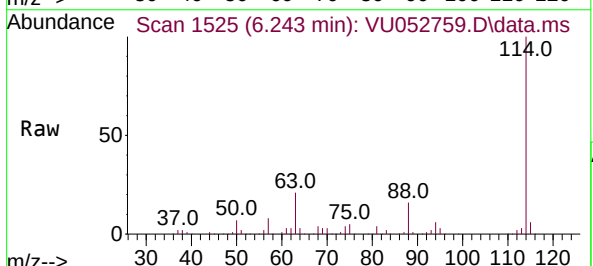
Tgt Ion: 114 Resp: 328422

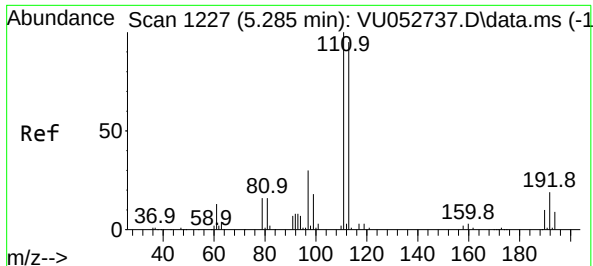
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.4

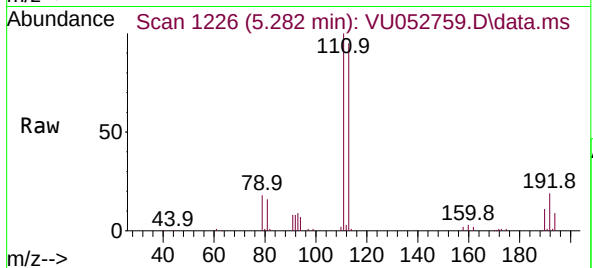
88 15.7 0.0 32.8



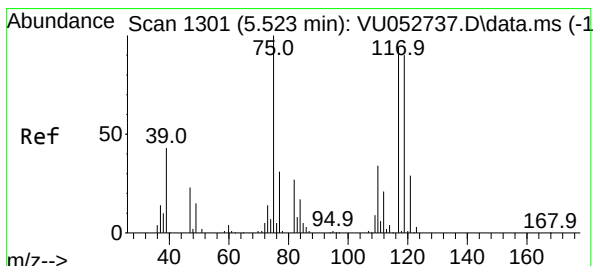
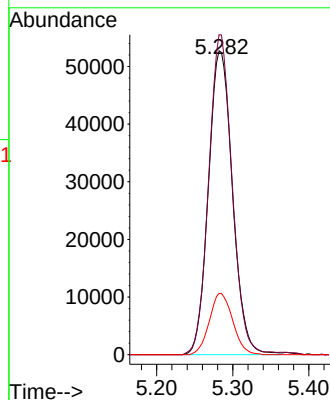
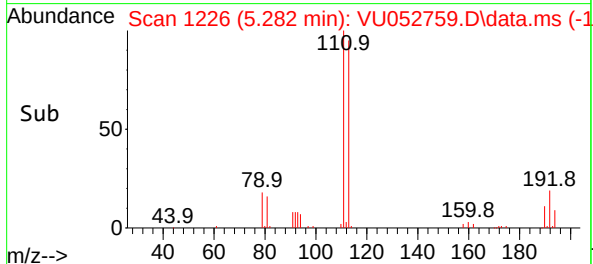


#35
Dibromofluoromethane
Concen: 50.657 ug/l
RT: 5.282 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

Instrument :
MSVOA_U
ClientSampleId :
MDL07

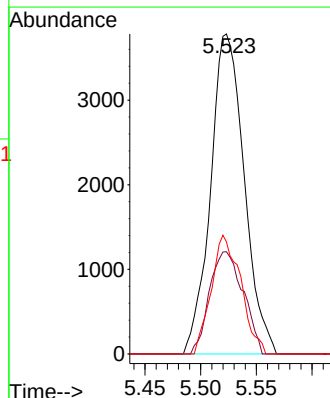
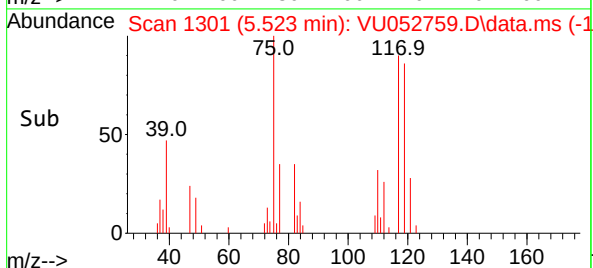
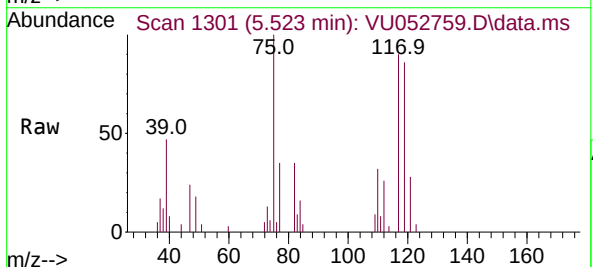


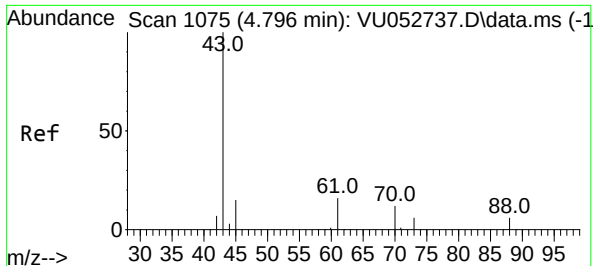
Tgt Ion:113 Resp: 115844
Ion Ratio Lower Upper
113 100
111 102.3 81.2 121.8
192 19.6 15.7 23.5



#36
1,1-Dichloropropene
Concen: 2.423 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

Tgt Ion: 75 Resp: 7951
Ion Ratio Lower Upper
75 100
110 31.9 17.1 51.2
77 32.7 25.0 37.4

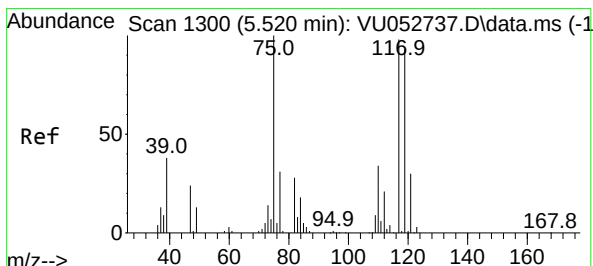
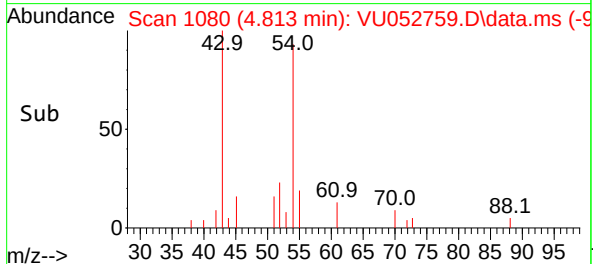
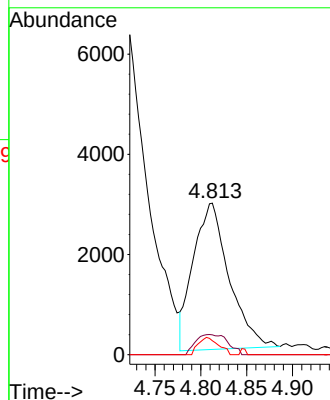
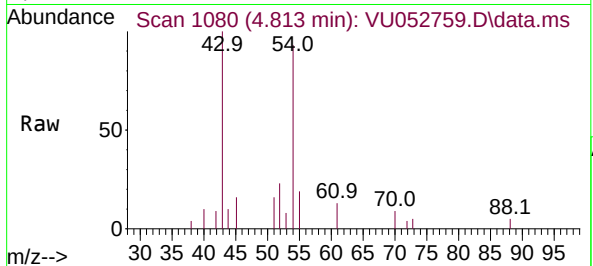




#37
Ethyl Acetate
Concen: 2.229 ug/l
RT: 4.813 min Scan# 1080
Delta R.T. 0.016 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

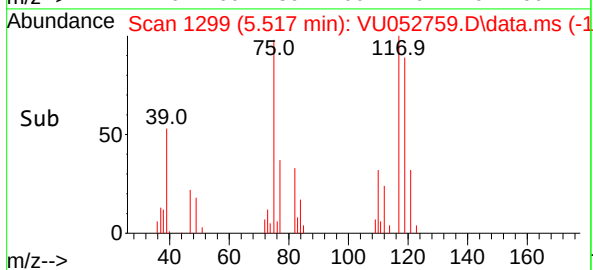
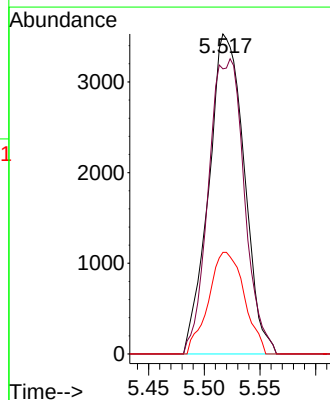
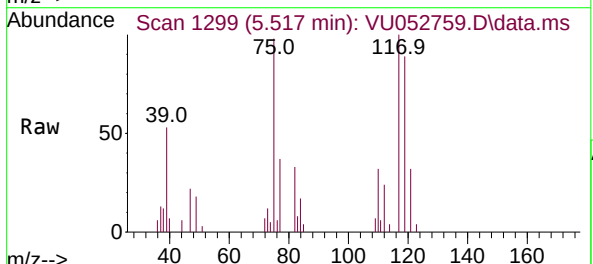
Instrument :
MSVOA_U
ClientSampleId :
MDL07

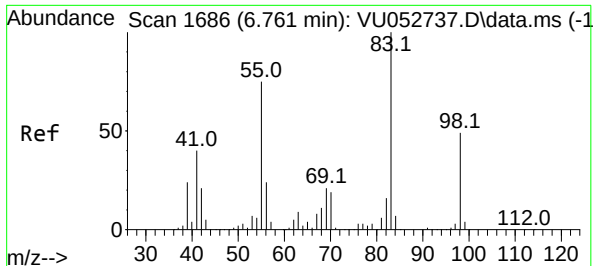
Tgt Ion: 43 Resp: 7949
Ion Ratio Lower Upper
43 100
61 12.3 12.2 18.4
70 6.6 8.9 13.3#



#38
Carbon Tetrachloride
Concen: 2.310 ug/l
RT: 5.517 min Scan# 1299
Delta R.T. -0.003 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

Tgt Ion: 117 Resp: 7797
Ion Ratio Lower Upper
117 100
119 89.1 75.6 113.4
121 31.8 24.2 36.4





#39

Methylcyclohexane

Concen: 2.405 ug/l

RT: 6.758 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU052759.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

MDL07

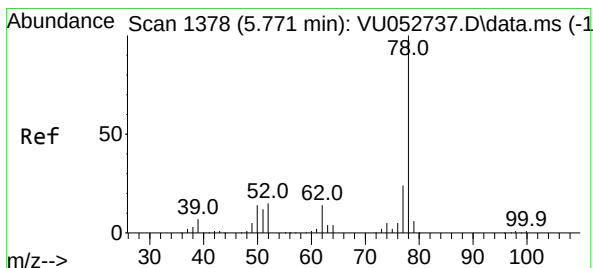
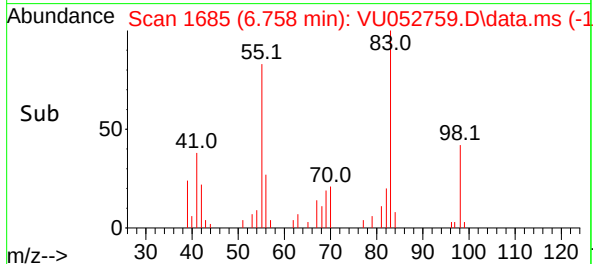
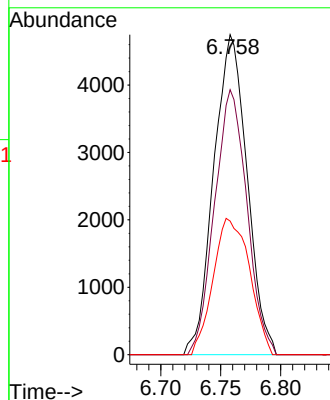
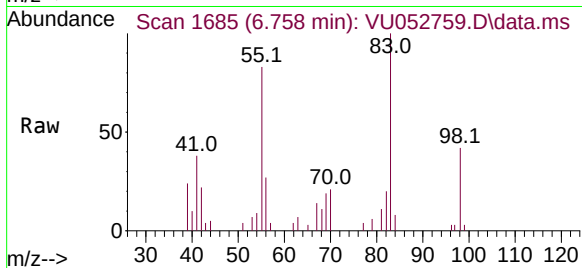
Tgt Ion: 83 Resp: 9182

Ion Ratio Lower Upper

83 100

55 82.8 60.4 90.6

98 41.8 38.9 58.3



#40

Benzene

Concen: 2.475 ug/l

RT: 5.771 min Scan# 1378

Delta R.T. -0.000 min

Lab File: VU052759.D

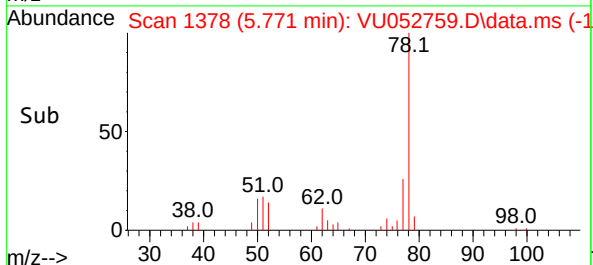
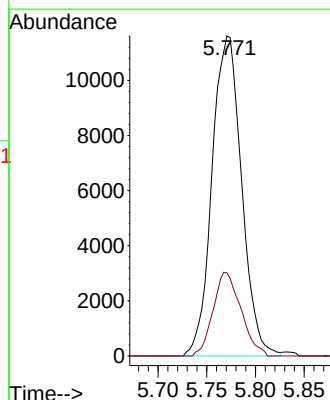
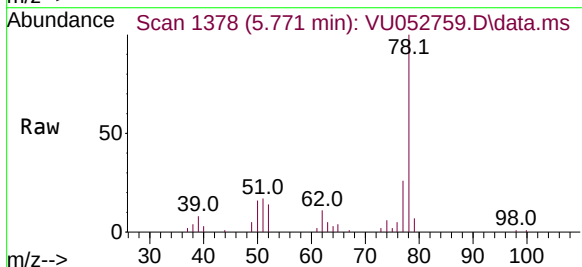
Acq: 20 Jan 2023 13:45

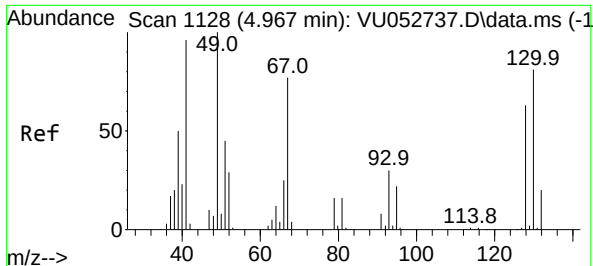
Tgt Ion: 78 Resp: 24518

Ion Ratio Lower Upper

78 100

77 26.0 18.9 28.3



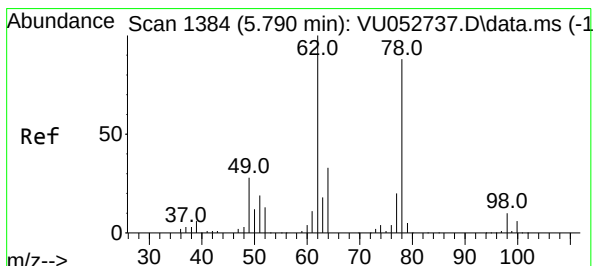
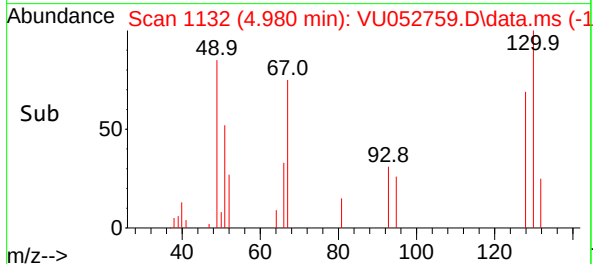
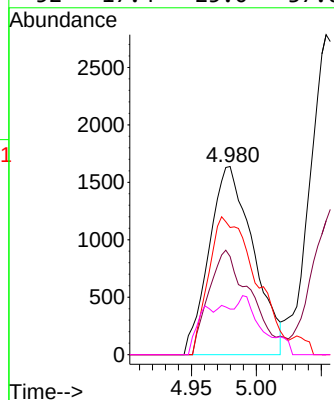
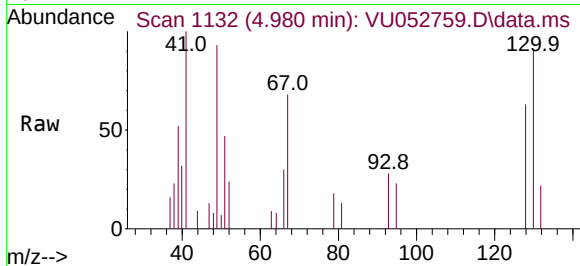


#41
Methacrylonitrile
Concen: 2.243 ug/l
RT: 4.980 min Scan# 1128
Delta R.T. 0.013 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Tgt Ion: 41 Resp: 3871

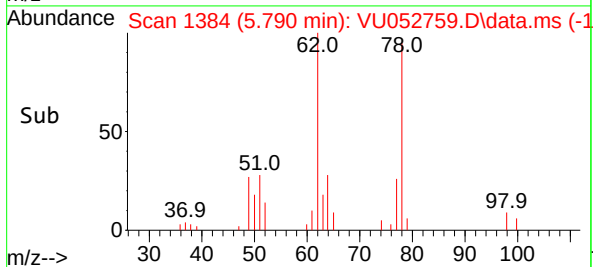
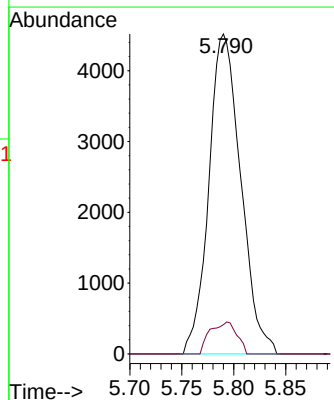
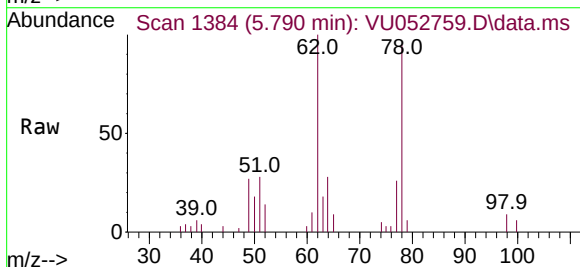
Ion	Ratio	Lower	Upper
41	100		
39	54.0	42.2	63.2
67	78.4	65.0	97.6
52	17.4	25.0	37.6

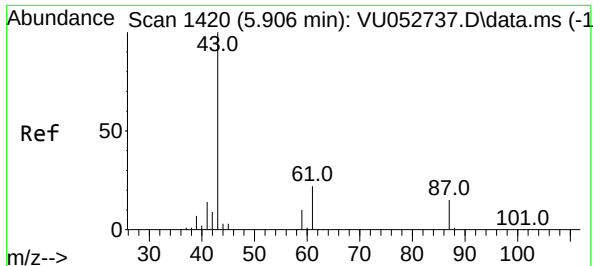


#42
1,2-Dichloroethane
Concen: 2.696 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

Tgt Ion: 62 Resp: 9644

Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	19.0





#43

Isopropyl Acetate

Concen: 2.473 ug/l

RT: 5.909 min Scan# 1420

Delta R.T. 0.003 min

Lab File: VU052759.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

MDL07

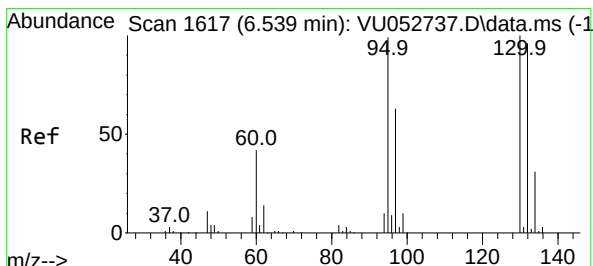
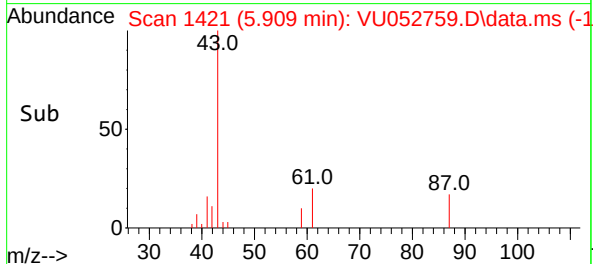
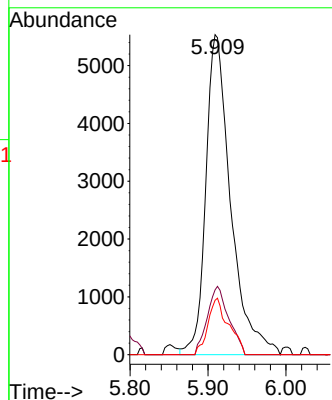
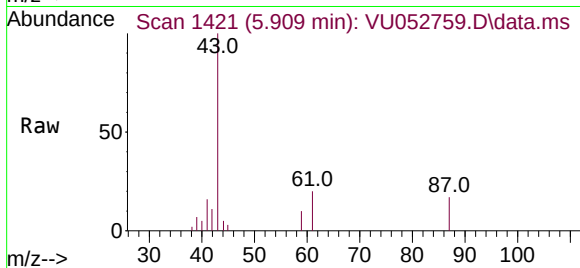
Tgt Ion: 43 Resp: 12293

Ion Ratio Lower Upper

43 100

61 18.5 18.1 27.1

87 14.6 11.7 17.5



#44

Trichloroethene

Concen: 2.483 ug/l

RT: 6.539 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VU052759.D

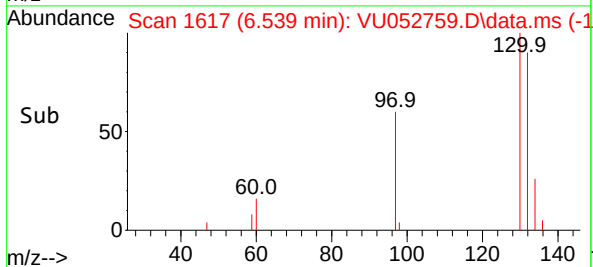
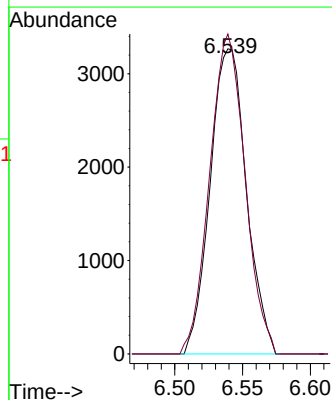
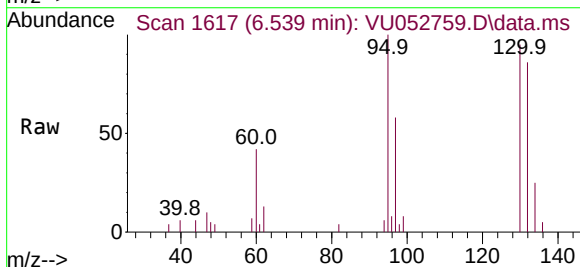
Acq: 20 Jan 2023 13:45

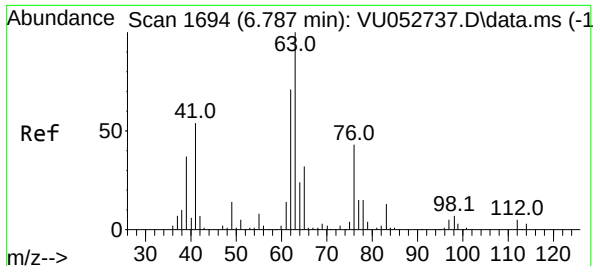
Tgt Ion:130 Resp: 6085

Ion Ratio Lower Upper

130 100

95 104.9 0.0 198.2





#45

1,2-Dichloropropane

Concen: 2.599 ug/l

RT: 6.787 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052759.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

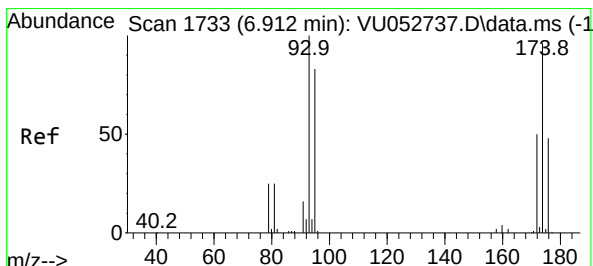
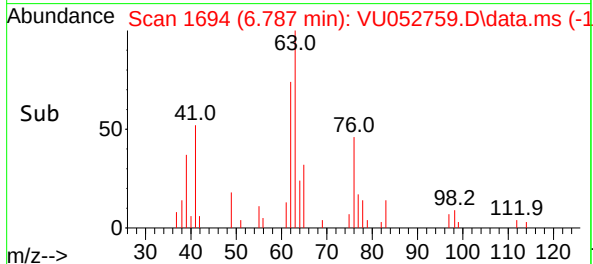
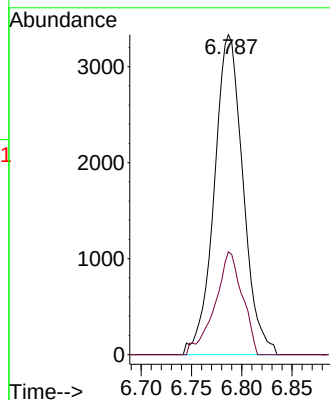
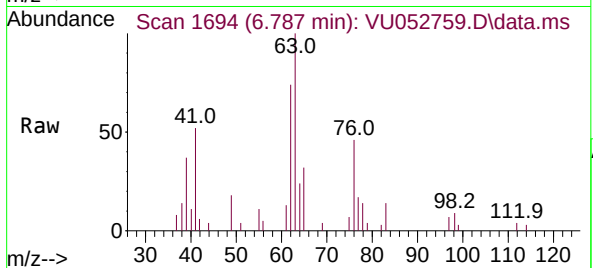
MDL07

Tgt Ion: 63 Resp: 6642

Ion Ratio Lower Upper

63 100

65 32.2 26.0 39.0



#46

Dibromomethane

Concen: 2.450 ug/l

RT: 6.915 min Scan# 1734

Delta R.T. 0.003 min

Lab File: VU052759.D

Acq: 20 Jan 2023 13:45

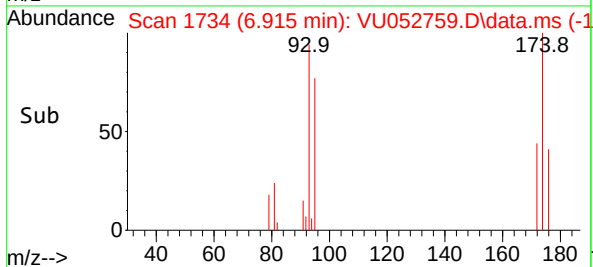
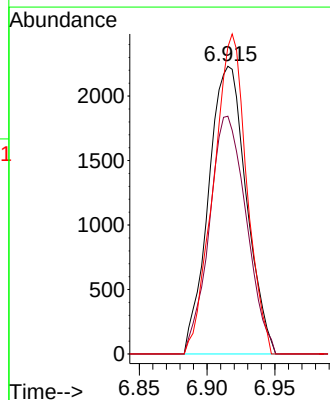
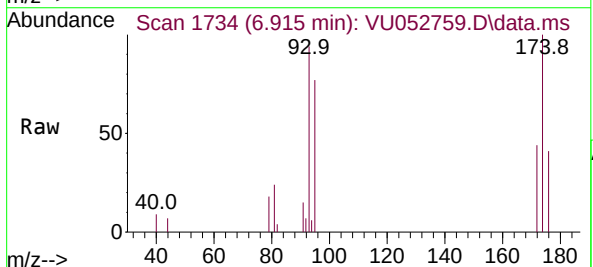
Tgt Ion: 93 Resp: 4336

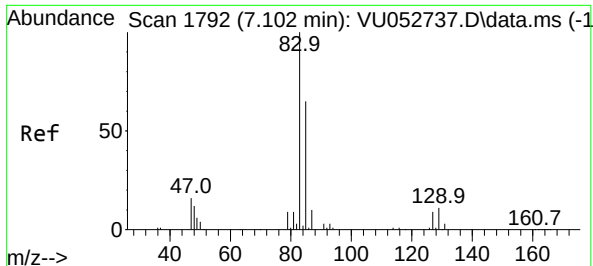
Ion Ratio Lower Upper

93 100

95 80.7 66.6 99.8

174 97.5 78.6 117.8

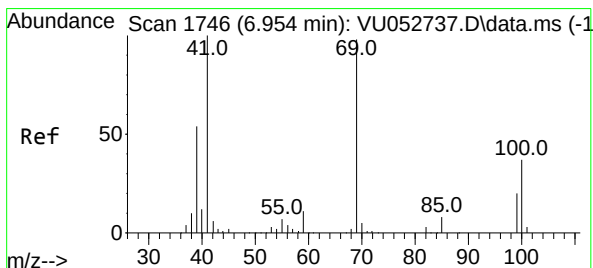
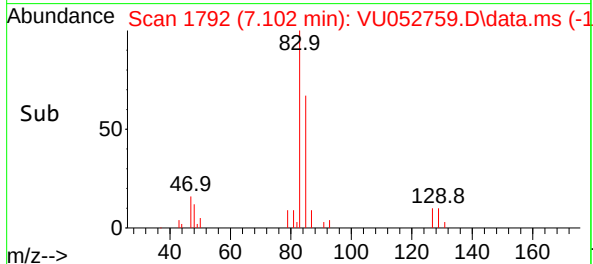
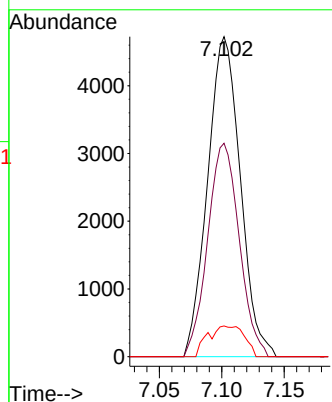
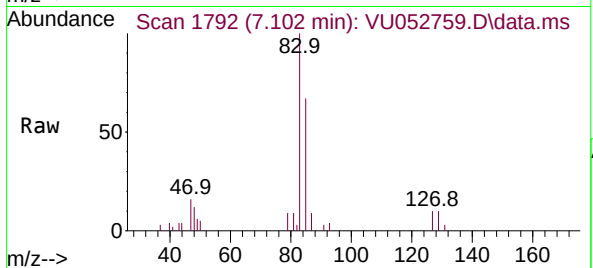




#47
Bromodichloromethane
Concen: 2.437 ug/l
RT: 7.102 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

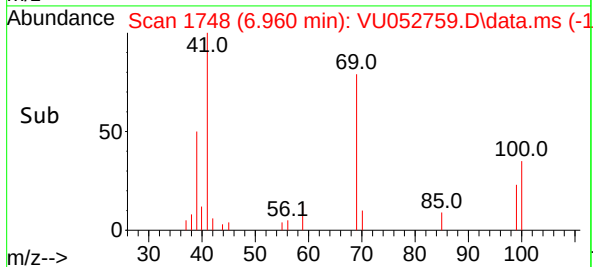
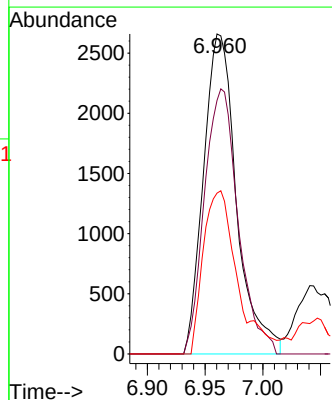
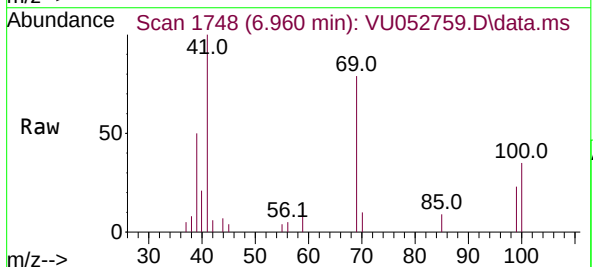
Instrument :
MSVOA_U
ClientSampleId :
MDL07

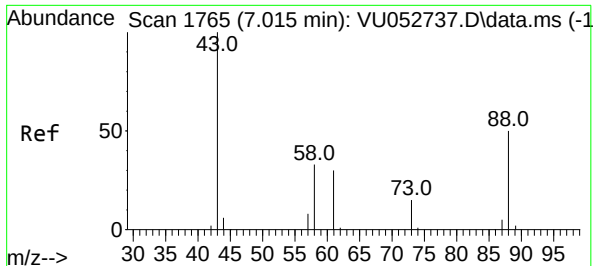
Tgt Ion: 83 Resp: 8629
Ion Ratio Lower Upper
83 100
85 66.7 51.6 77.4
127 9.6 6.9 10.3



#48
Methyl methacrylate
Concen: 2.339 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. 0.006 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

Tgt Ion: 41 Resp: 5300
Ion Ratio Lower Upper
41 100
69 84.4 77.2 115.8
39 52.2 42.9 64.3





#49

1,4-Dioxane

Concen: 50.617 ug/l

RT: 7.028 min Scan# 1

Delta R.T. 0.013 min

Lab File: VU052759.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

MDL07

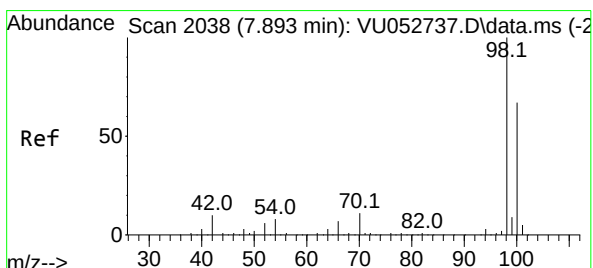
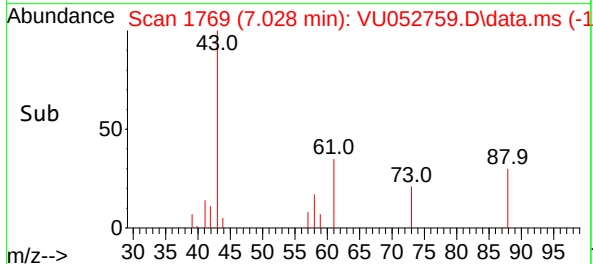
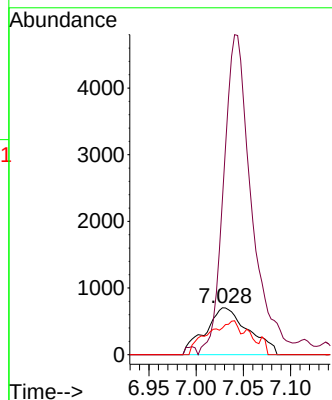
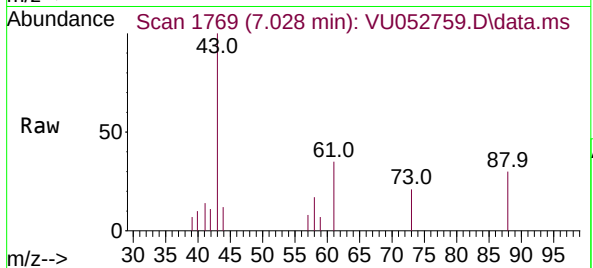
Tgt Ion: 88 Resp: 2222

Ion Ratio Lower Upper

88 100

43 442.9 374.7 562.1

58 54.7 59.2 88.8#



#50

Toluene-d8

Concen: 47.658 ug/l

RT: 7.893 min Scan# 2038

Delta R.T. -0.000 min

Lab File: VU052759.D

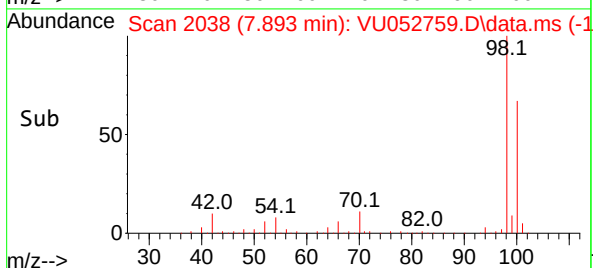
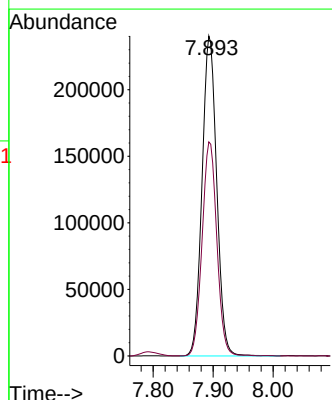
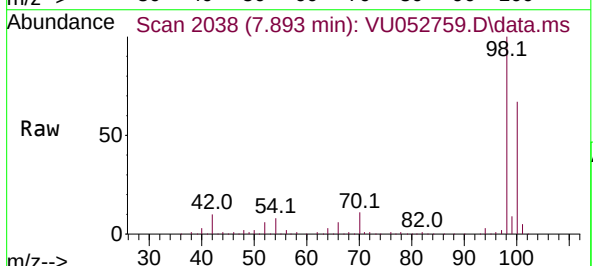
Acq: 20 Jan 2023 13:45

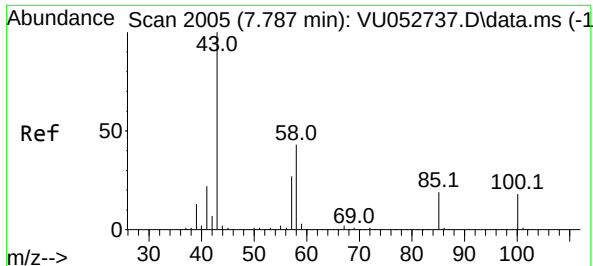
Tgt Ion: 98 Resp: 408719

Ion Ratio Lower Upper

98 100

100 67.2 53.7 80.5





#51

4-Methyl-2-Pentanone

Concen: 11.316 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.006 min

Lab File: VU052759.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

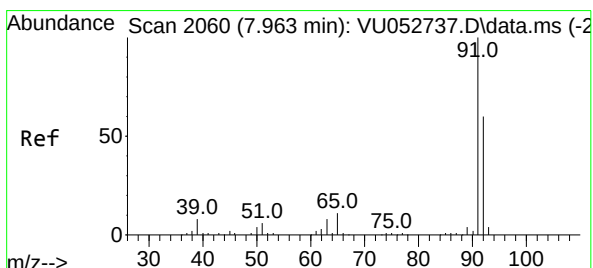
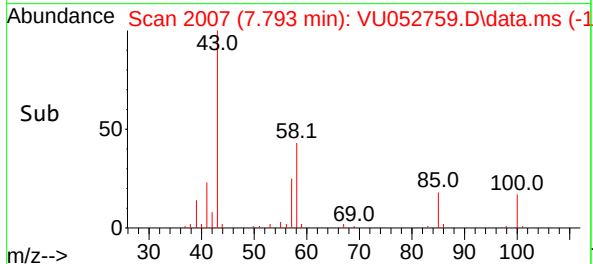
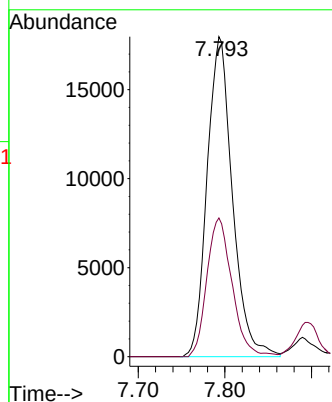
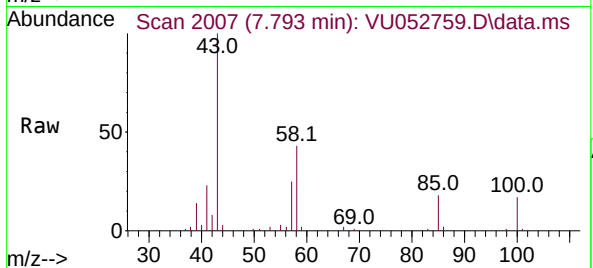
MDL07

Tgt Ion: 43 Resp: 36413

Ion Ratio Lower Upper

43 100

58 43.2 34.6 52.0



#52

Toluene

Concen: 2.452 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU052759.D

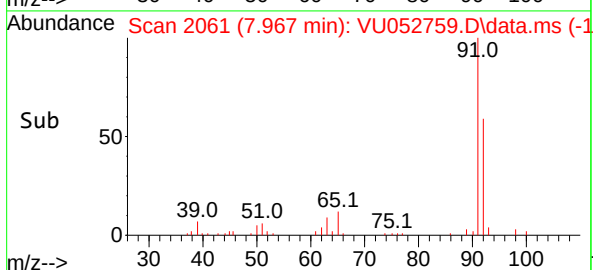
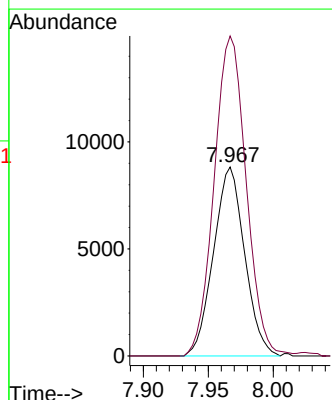
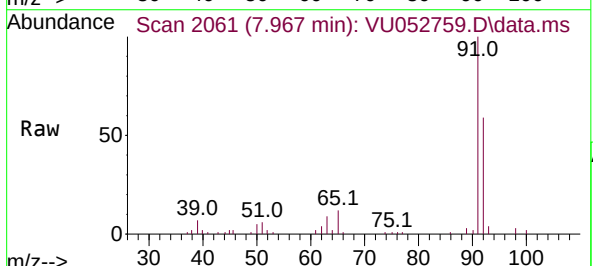
Acq: 20 Jan 2023 13:45

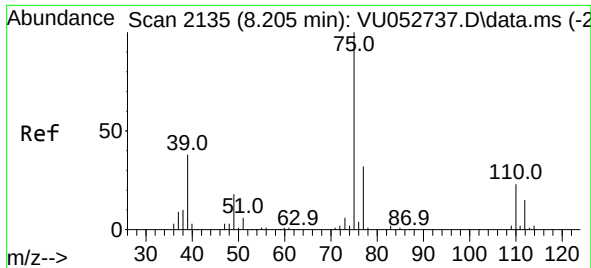
Tgt Ion: 92 Resp: 14691

Ion Ratio Lower Upper

92 100

91 174.5 134.9 202.3





#53

t-1,3-Dichloropropene

Concen: 2.261 ug/l

RT: 8.208 min Scan# 2135

Delta R.T. 0.003 min

Lab File: VU052759.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

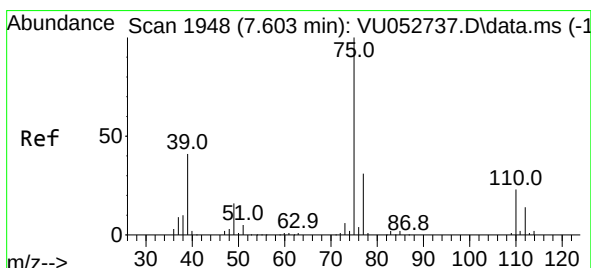
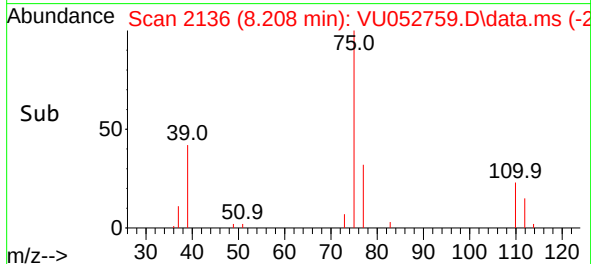
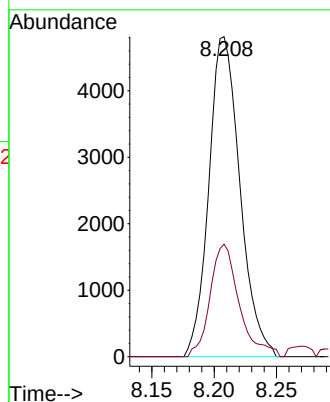
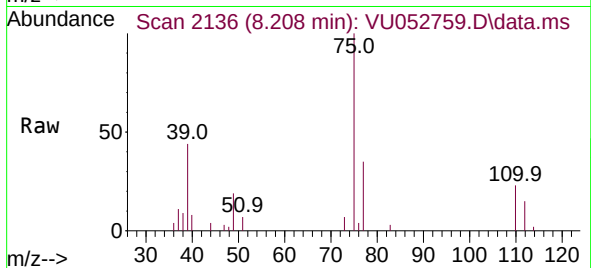
MDL07

Tgt Ion: 75 Resp: 8365

Ion Ratio Lower Upper

75 100

77 35.1 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 2.195 ug/l

RT: 7.603 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VU052759.D

Acq: 20 Jan 2023 13:45

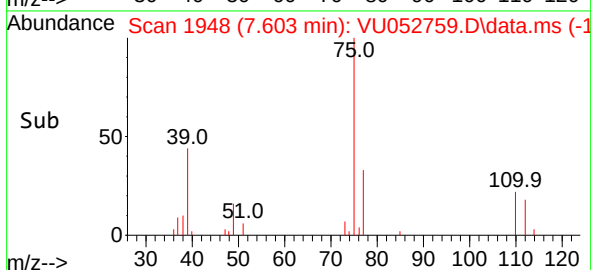
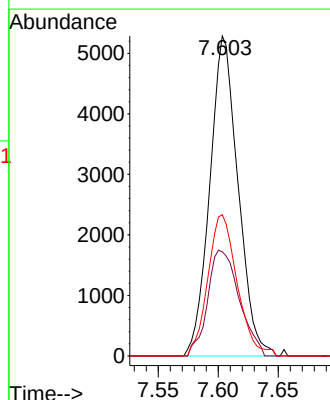
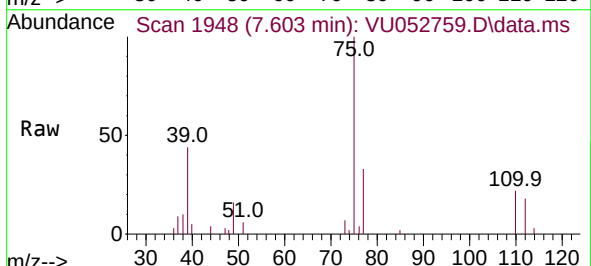
Tgt Ion: 75 Resp: 8659

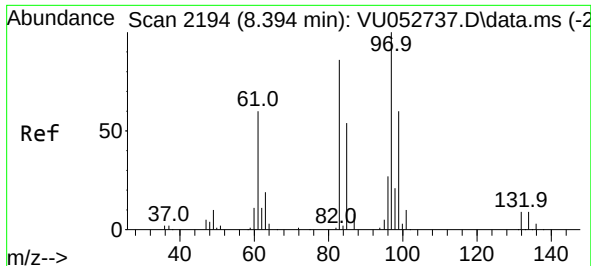
Ion Ratio Lower Upper

75 100

77 32.5 25.0 37.6

39 44.2 32.9 49.3

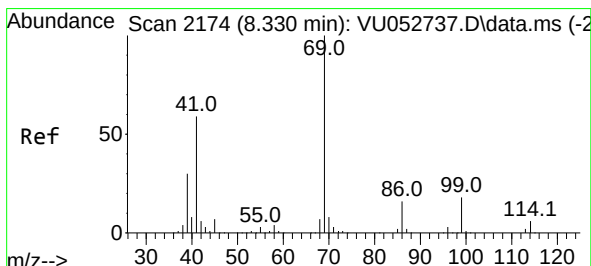
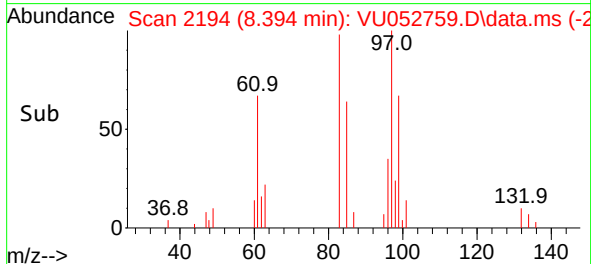
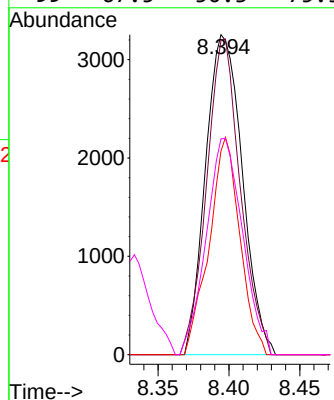
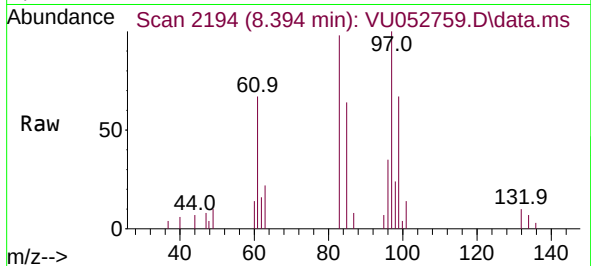




#55
1,1,2-Trichloroethane
Concen: 2.396 ug/l
RT: 8.394 min Scan# 2194
Delta R.T. 0.000 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

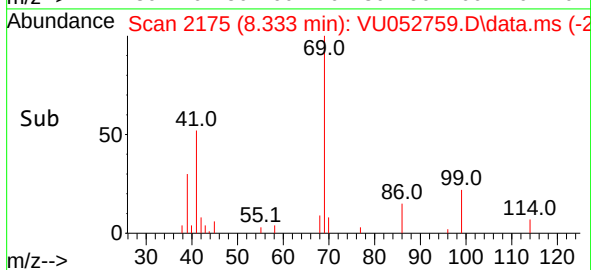
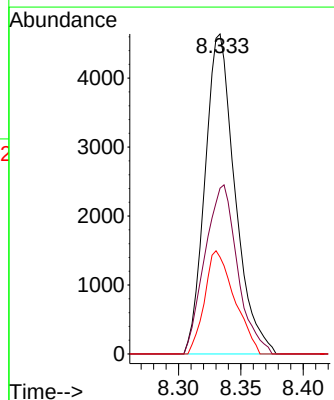
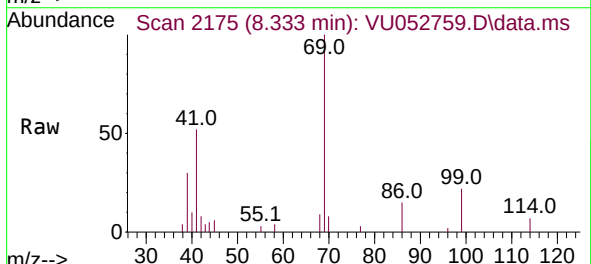
Instrument :
MSVOA_U
ClientSampleId :
MDL07

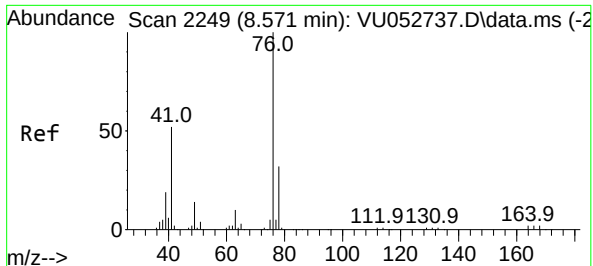
Tgt Ion: 97	Resp: 5860
Ion Ratio	Lower Upper
97 100	
83 98.2	69.2 103.8
85 63.6	43.8 65.8
99 67.5	50.3 75.5



#56
Ethyl methacrylate
Concen: 2.258 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. 0.003 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

Tgt Ion: 69	Resp: 7775		
Ion Ratio	Lower	Upper	
69 100			
41 57.4	47.6	71.4	
39 32.0	24.3	36.5	





#57

1,3-Dichloropropane

Concen: 2.384 ug/l

RT: 8.571 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052759.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

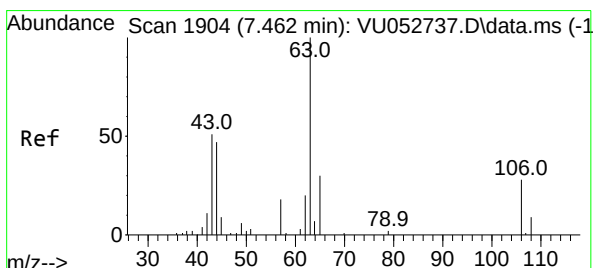
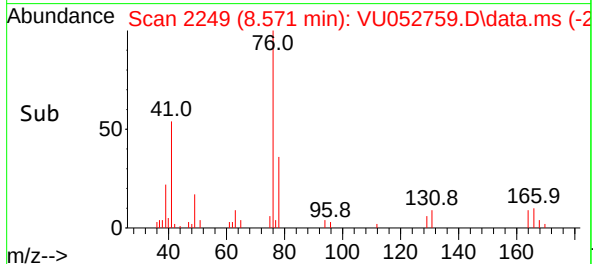
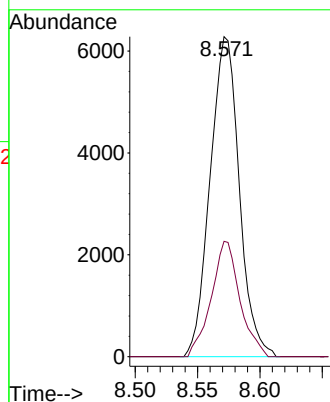
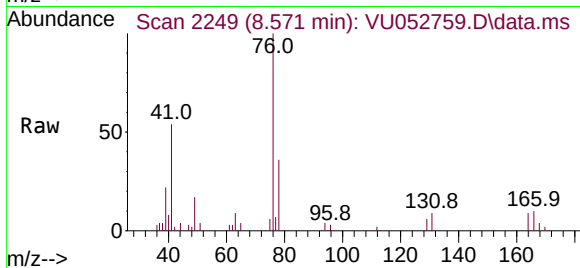
MDL07

Tgt Ion: 76 Resp: 10226

Ion Ratio Lower Upper

76 100

78 35.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 6.321 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.003 min

Lab File: VU052759.D

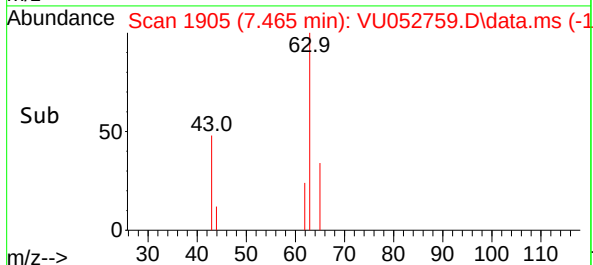
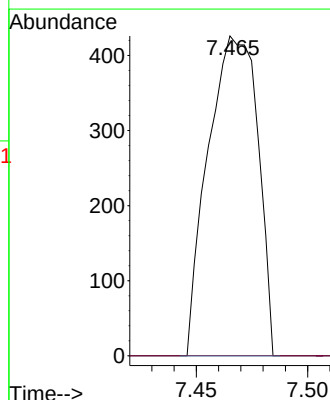
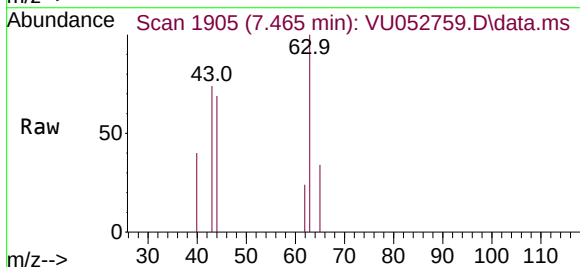
Acq: 20 Jan 2023 13:45

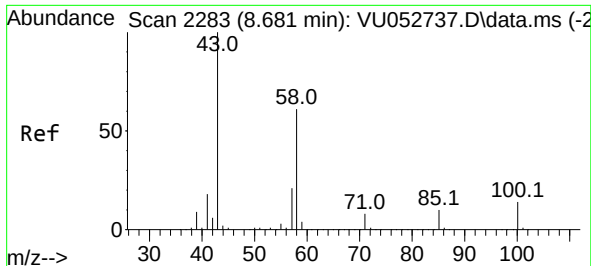
Tgt Ion: 63 Resp: 661

Ion Ratio Lower Upper

63 100

106 0.0 23.2 34.8#





#59

2-Hexanone

Concen: 11.278 ug/l

RT: 8.687 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU052759.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

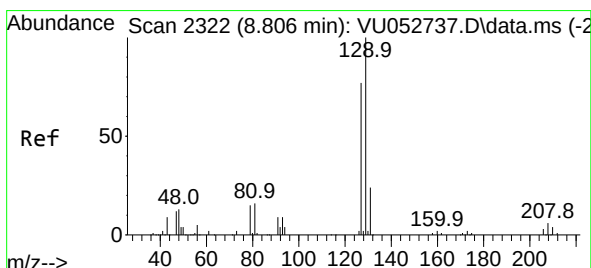
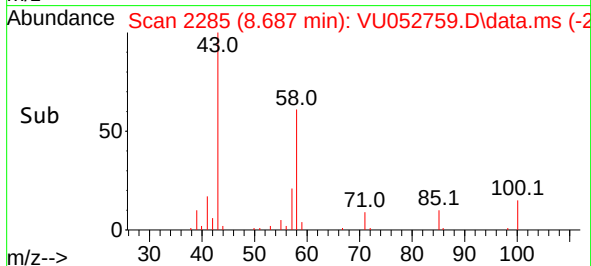
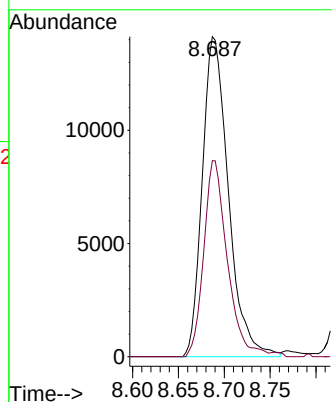
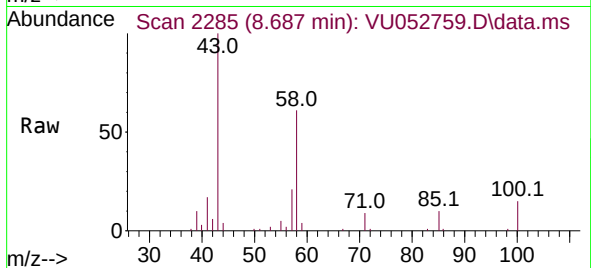
MDL07

Tgt Ion: 43 Resp: 27955

Ion Ratio Lower Upper

43 100

58 55.3 29.8 89.5



#60

Dibromochloromethane

Concen: 2.302 ug/l

RT: 8.806 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VU052759.D

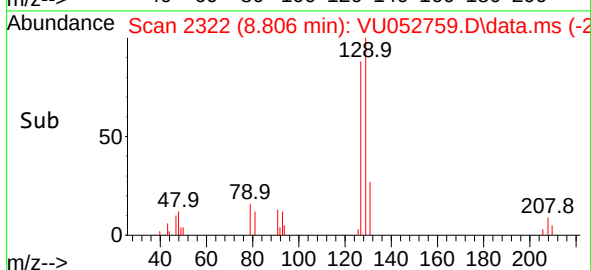
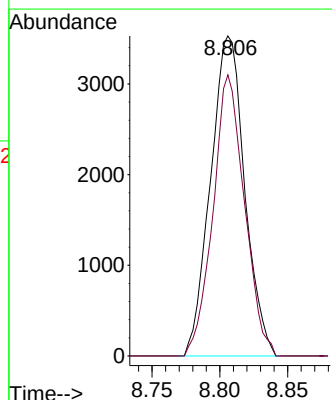
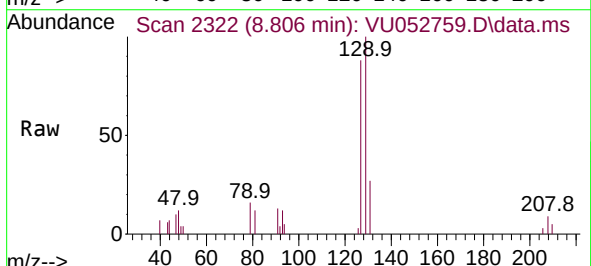
Acq: 20 Jan 2023 13:45

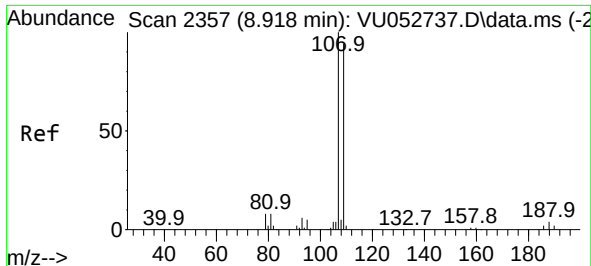
Tgt Ion: 129 Resp: 6182

Ion Ratio Lower Upper

129 100

127 80.9 39.1 117.2

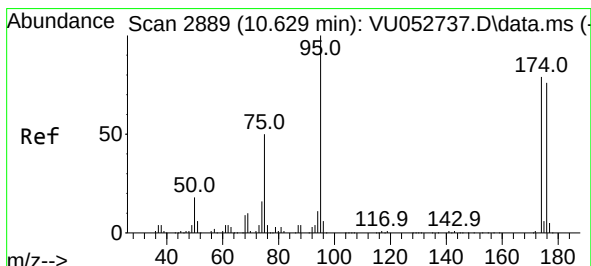
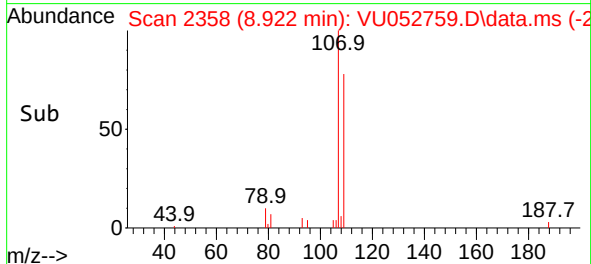
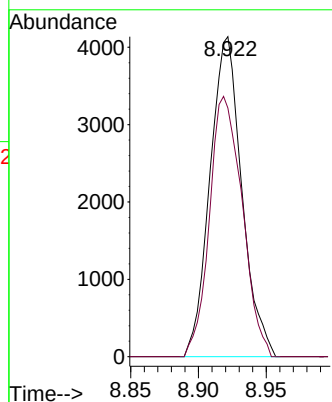
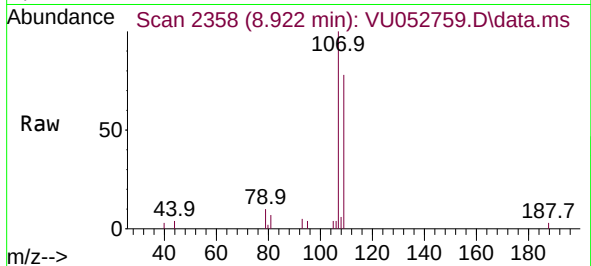




#61
1,2-Dibromoethane
Concen: 2.630 ug/l
RT: 8.922 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

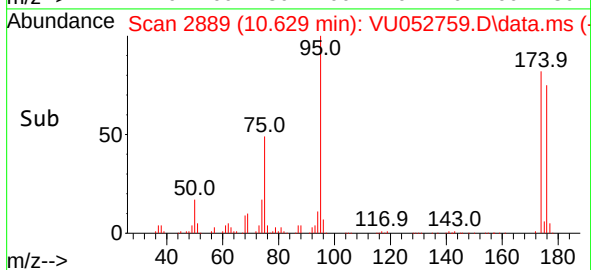
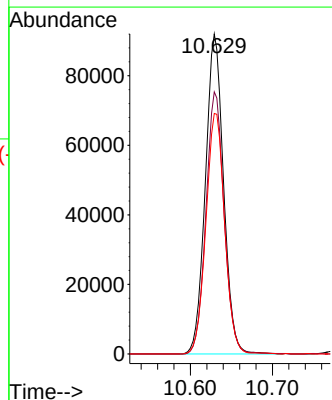
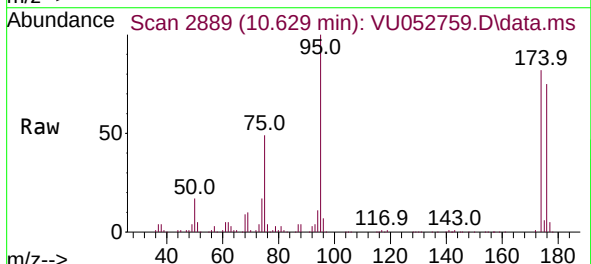
Instrument :
MSVOA_U
ClientSampleId :
MDL07

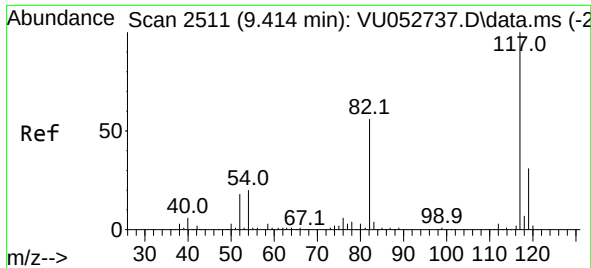
Tgt Ion:107 Resp: 6753
Ion Ratio Lower Upper
107 100
109 83.6 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 45.201 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.000 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

Tgt Ion: 95 Resp: 141605
Ion Ratio Lower Upper
95 100
174 82.0 0.0 158.6
176 77.6 0.0 150.6

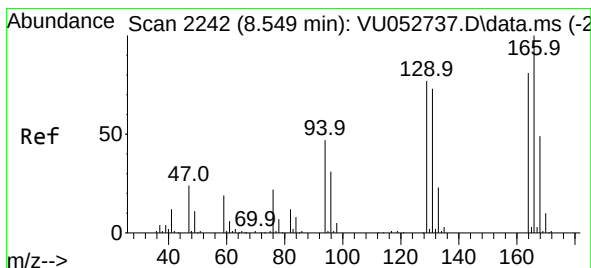
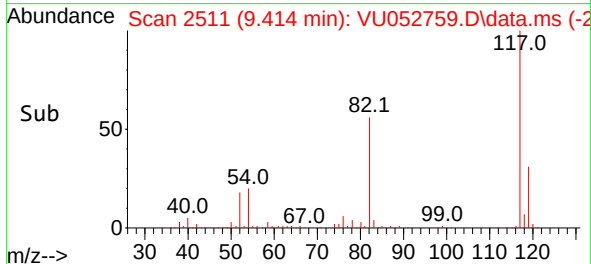
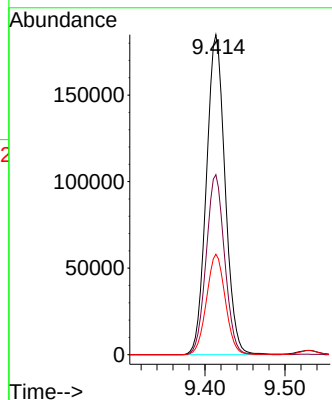
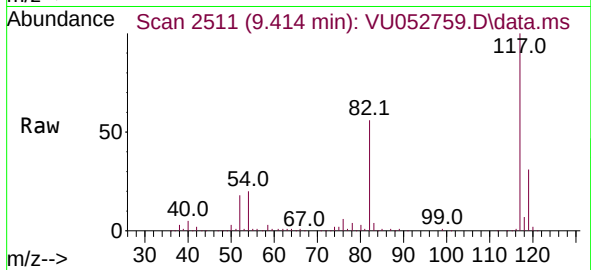




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

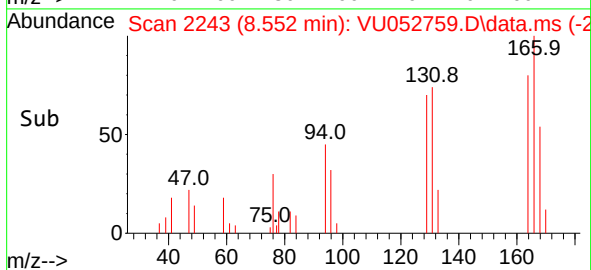
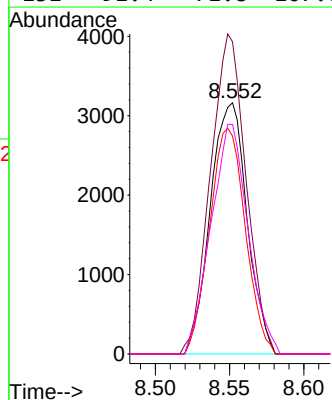
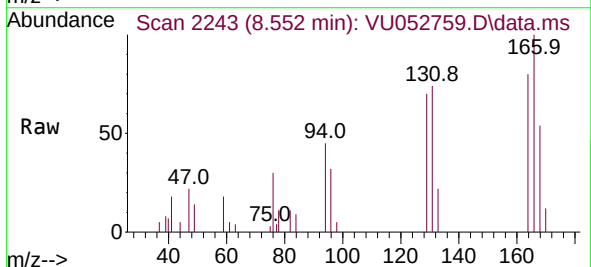
Instrument :
MSVOA_U
ClientSampleId :
MDL07

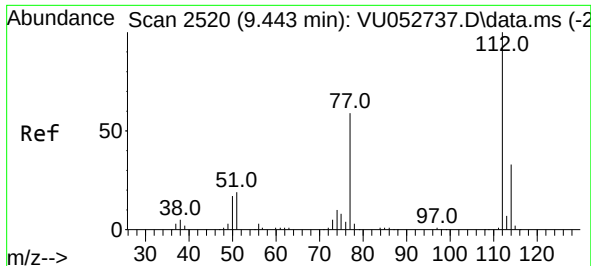
Tgt Ion:117 Resp: 301417
Ion Ratio Lower Upper
117 100
82 56.2 44.7 67.1
119 31.4 25.0 37.6



#64
Tetrachloroethene
Concen: 2.599 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.003 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

Tgt Ion:164 Resp: 5443
Ion Ratio Lower Upper
164 100
166 124.3 98.9 148.3
129 86.8 76.0 114.0
131 91.4 71.8 107.6





#65

Chlorobenzene

Concen: 2.570 ug/l

RT: 9.443 min Scan# 2520

Delta R.T. 0.000 min

Lab File: VU052759.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

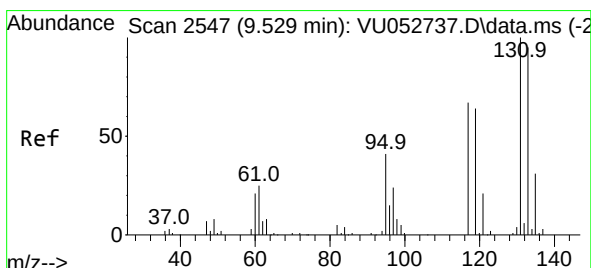
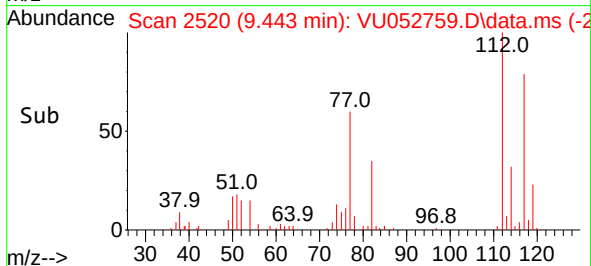
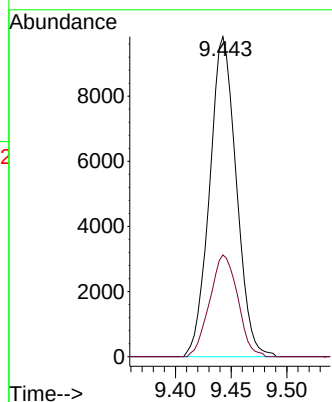
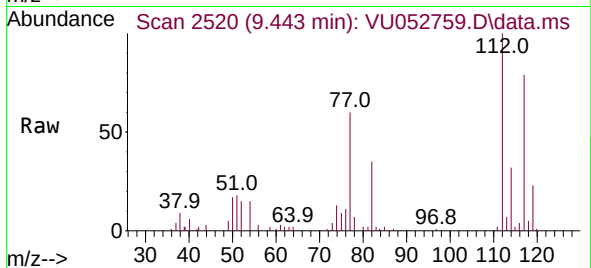
MDL07

Tgt Ion:112 Resp: 16390

Ion Ratio Lower Upper

112 100

114 31.8 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 2.469 ug/l

RT: 9.529 min Scan# 2547

Delta R.T. 0.000 min

Lab File: VU052759.D

Acq: 20 Jan 2023 13:45

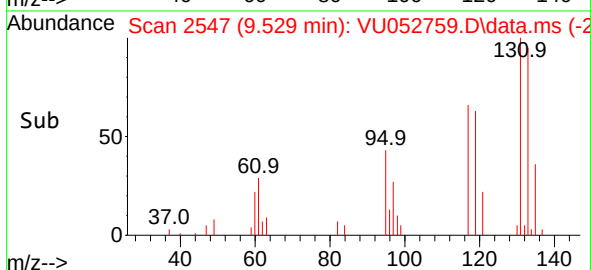
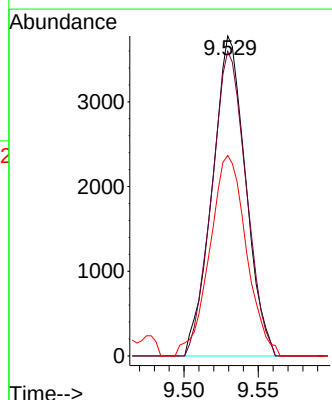
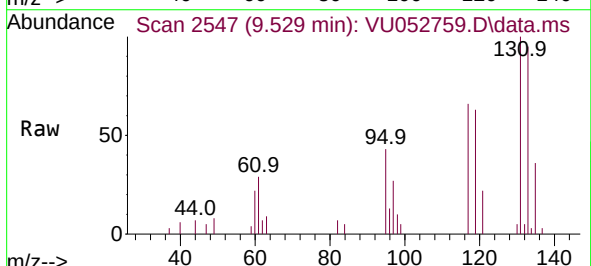
Tgt Ion:131 Resp: 5904

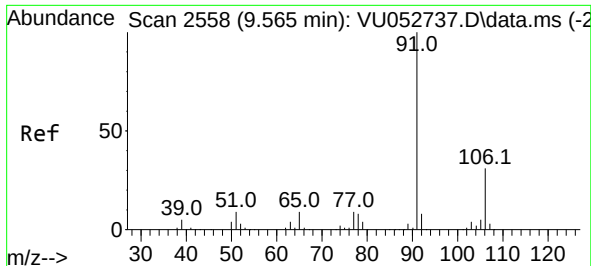
Ion Ratio Lower Upper

131 100

133 97.8 48.4 145.0

119 68.5 32.1 96.3





#67

Ethyl Benzene

Concen: 2.258 ug/l

RT: 9.568 min Scan# 2558

Delta R.T. 0.003 min

Lab File: VU052759.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

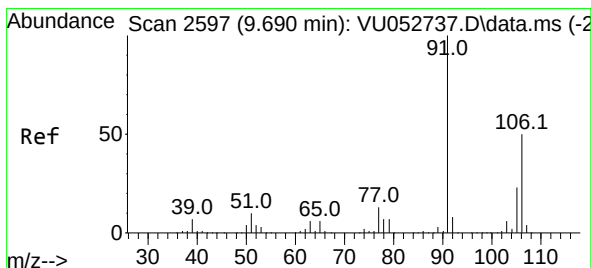
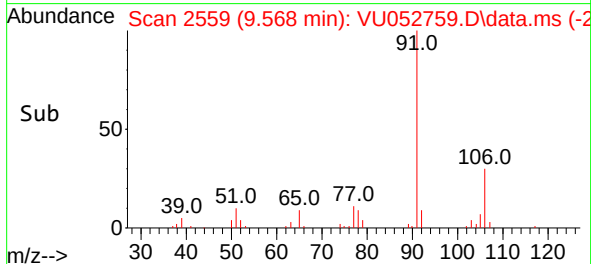
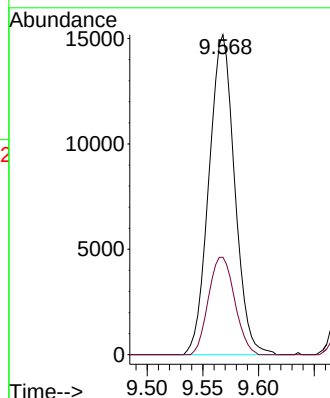
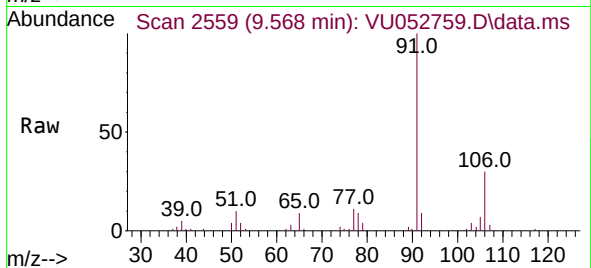
MDL07

Tgt Ion: 91 Resp: 24335

Ion Ratio Lower Upper

91 100

106 30.5 24.6 37.0



#68

m/p-Xylenes

Concen: 4.425 ug/l

RT: 9.690 min Scan# 2597

Delta R.T. 0.000 min

Lab File: VU052759.D

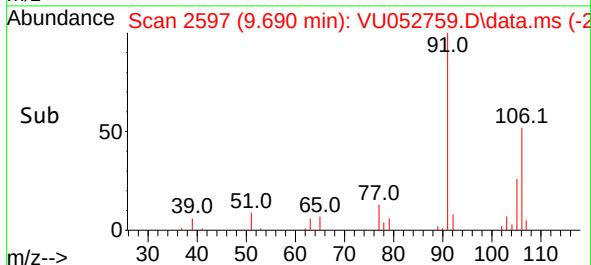
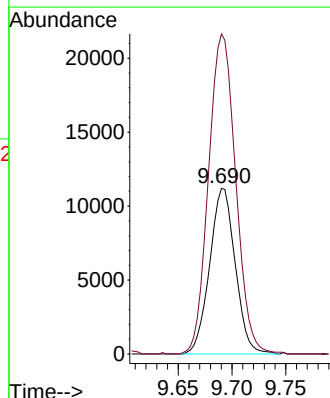
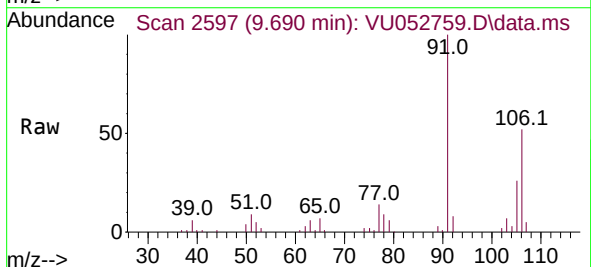
Acq: 20 Jan 2023 13:45

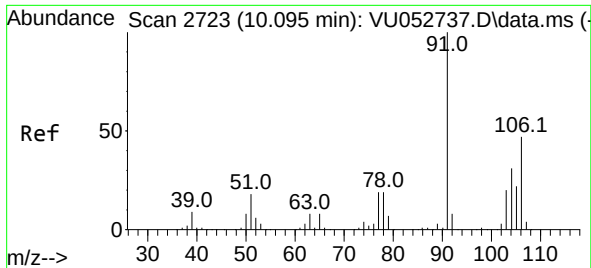
Tgt Ion:106 Resp: 18522

Ion Ratio Lower Upper

106 100

91 205.3 160.8 241.2

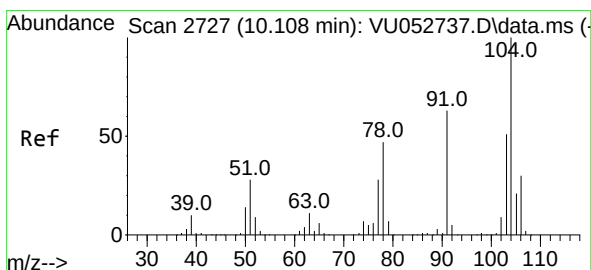
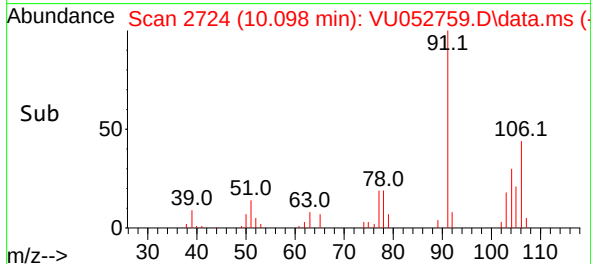
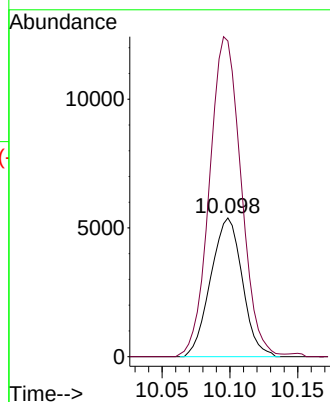
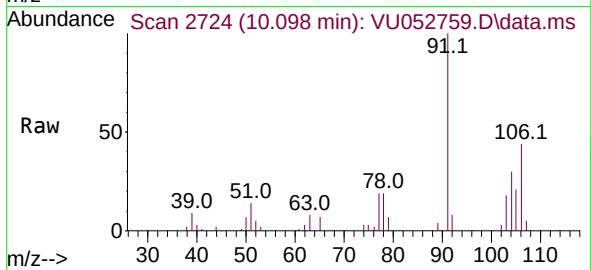




#69
o-Xylene
Concen: 2.187 ug/l
RT: 10.098 min Scan# 2723
Delta R.T. 0.003 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

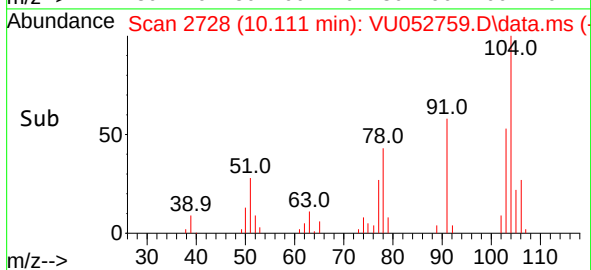
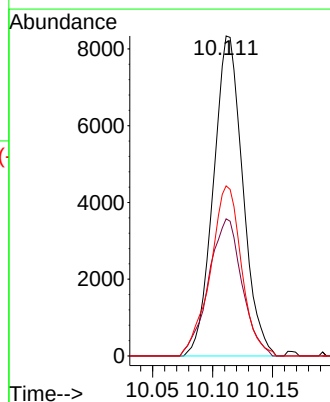
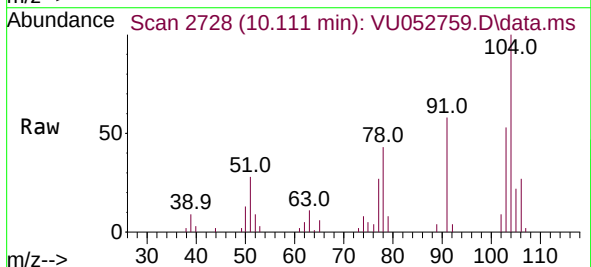
Instrument :
MSVOA_U
ClientSampleId :
MDL07

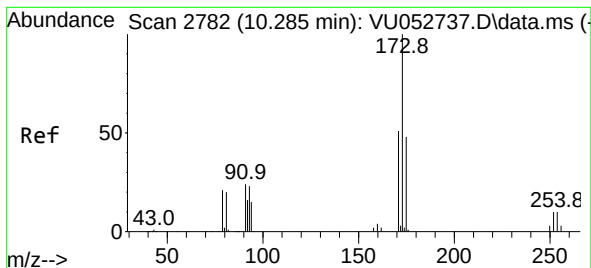
Tgt Ion:106 Resp: 8741
Ion Ratio Lower Upper
106 100
91 230.4 107.9 323.7



#70
Styrene
Concen: 2.164 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.003 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

Tgt Ion:104 Resp: 14184
Ion Ratio Lower Upper
104 100
78 48.7 39.9 59.9
103 56.4 43.4 65.2





#71

Bromoform

Concen: 2.305 ug/l

RT: 10.288 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU052759.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

MDL07

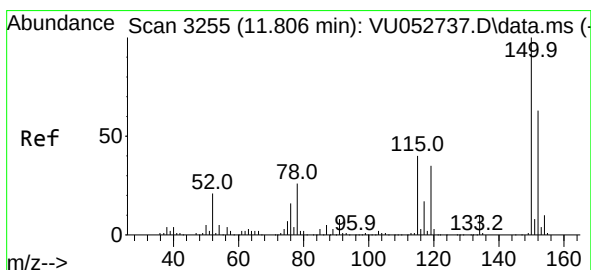
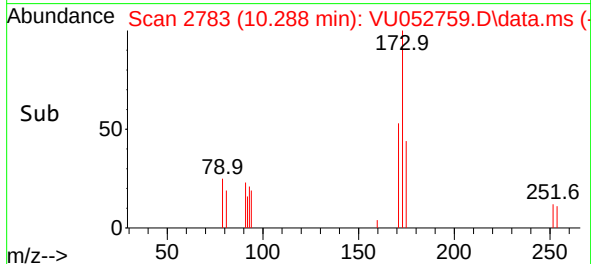
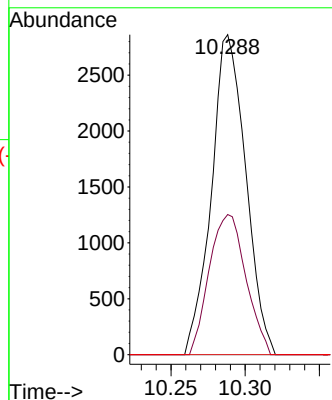
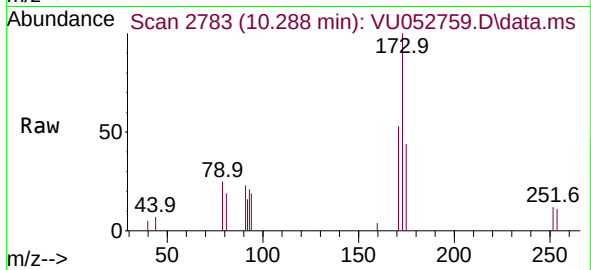
Tgt Ion:173 Resp: 4602

Ion Ratio Lower Upper

173 100

175 46.7 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# 3256

Delta R.T. 0.003 min

Lab File: VU052759.D

Acq: 20 Jan 2023 13:45

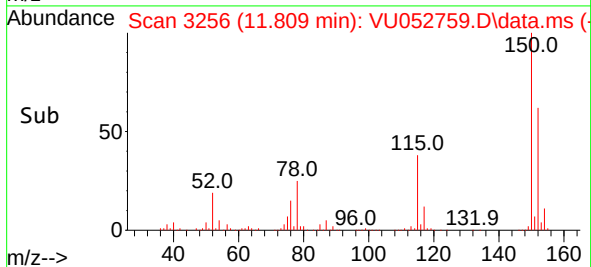
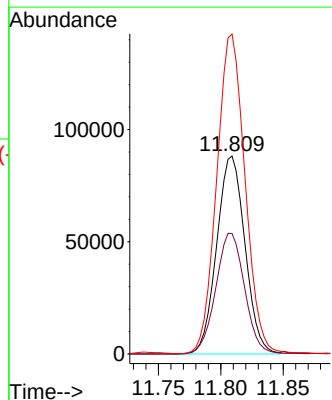
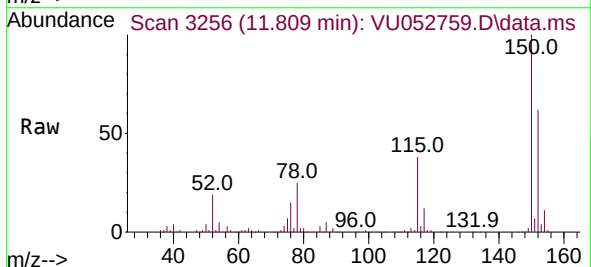
Tgt Ion:152 Resp: 139179

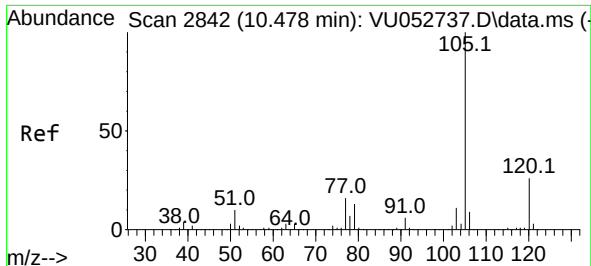
Ion Ratio Lower Upper

152 100

115 62.3 41.7 125.1

150 162.0 0.0 349.2

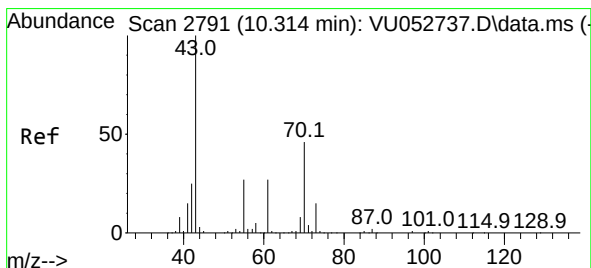
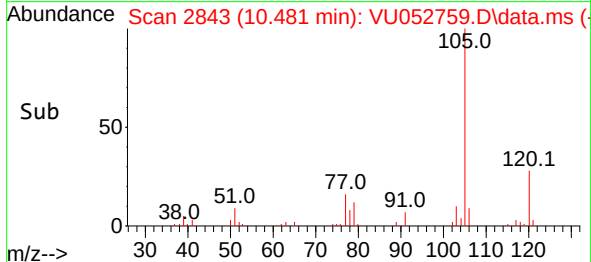
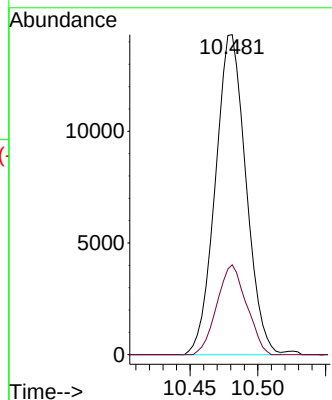
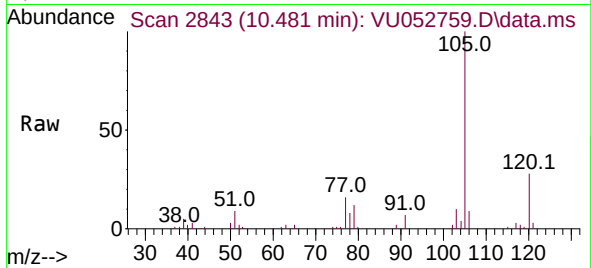




#73
Isopropylbenzene
Concen: 2.454 ug/l
RT: 10.481 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

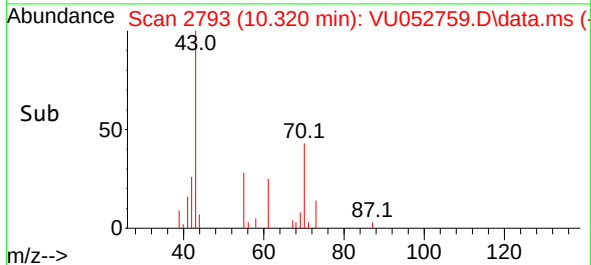
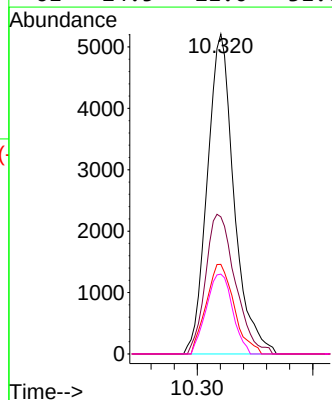
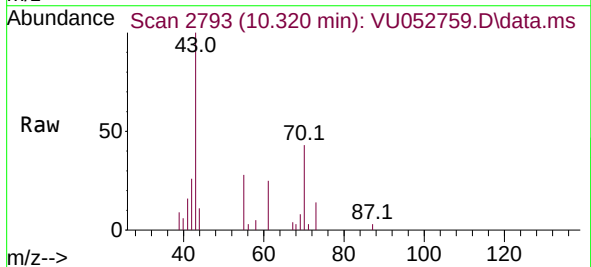
Instrument :
MSVOA_U
ClientSampleId :
MDL07

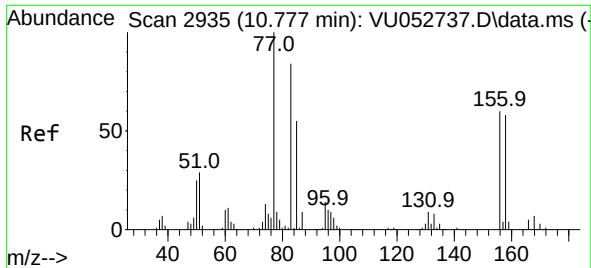
Tgt Ion:105 Resp: 22502
Ion Ratio Lower Upper
105 100
120 27.1 13.2 39.5



#74
N-ethyl acetate
Concen: 2.396 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. 0.006 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

Tgt Ion: 43 Resp: 8371
Ion Ratio Lower Upper
43 100
70 48.5 37.9 56.9
55 29.2 21.9 32.9
61 24.5 21.0 31.6

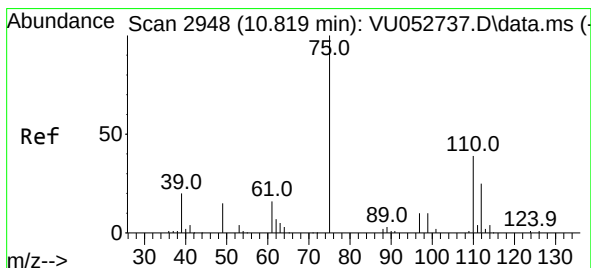
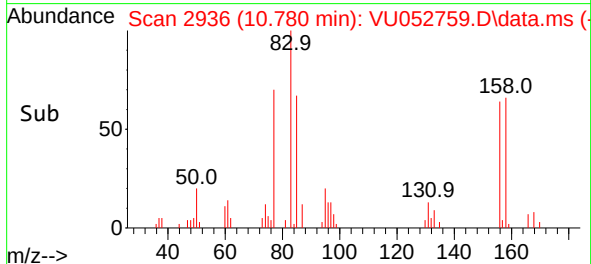
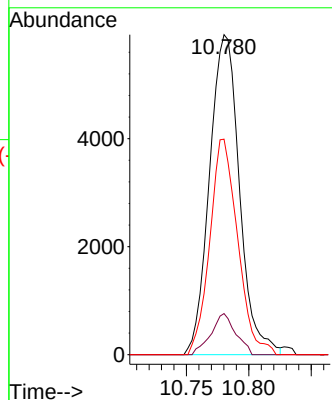
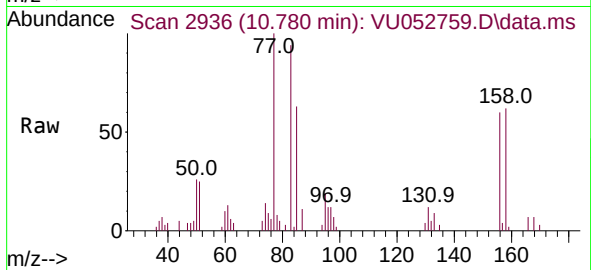




#75
1,1,2,2-Tetrachloroethane
Concen: 2.730 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

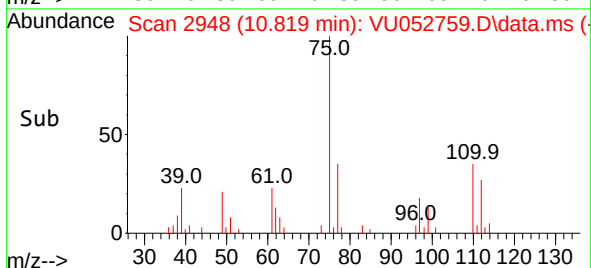
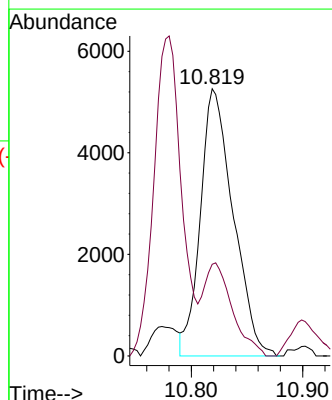
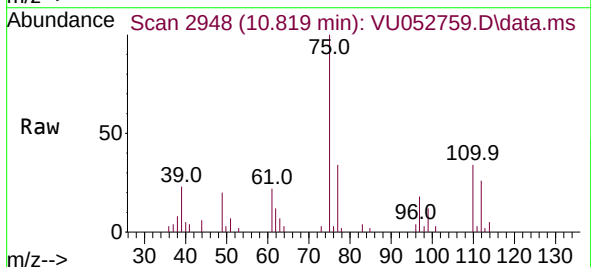
Instrument :
MSVOA_U
ClientSampleId :
MDL07

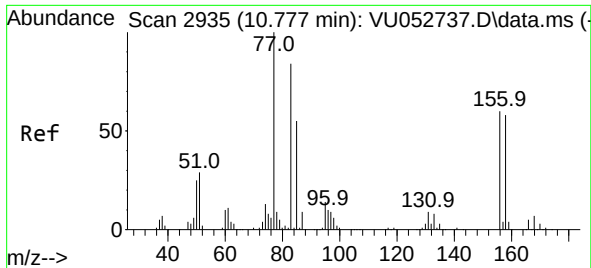
Tgt Ion: 83 Resp: 9917
Ion Ratio Lower Upper
83 100
131 10.6 5.0 14.9
85 62.7 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 2.835 ug/l
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

Tgt Ion: 75 Resp: 10767
Ion Ratio Lower Upper
75 100
77 30.4 15.0 45.1

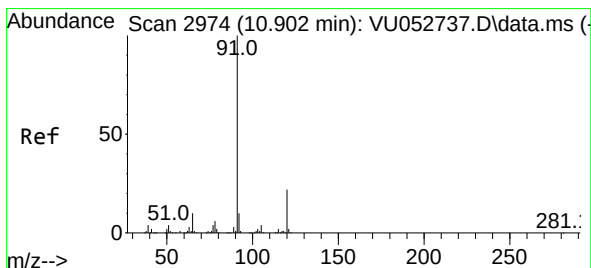
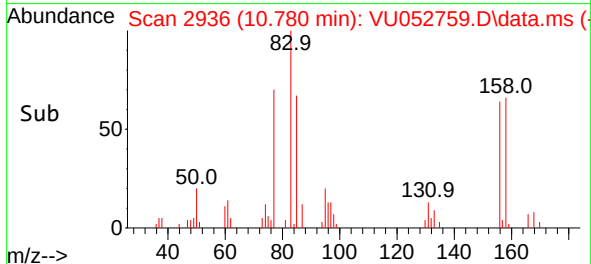
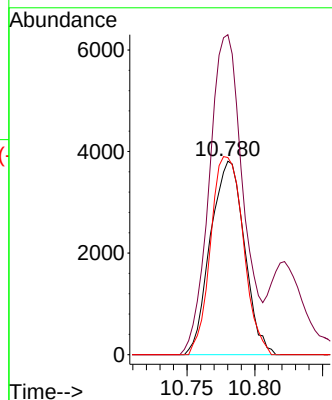
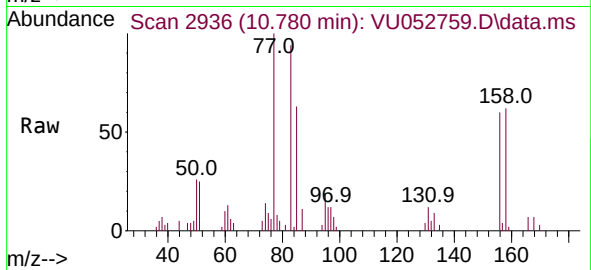




#77
Bromobenzene
Concen: 2.799 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

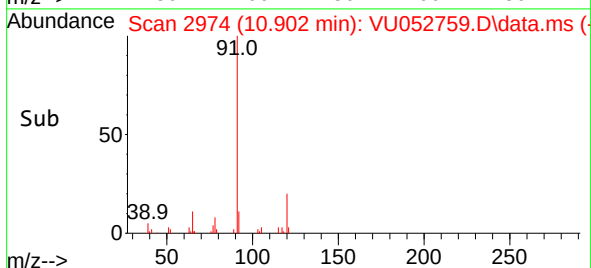
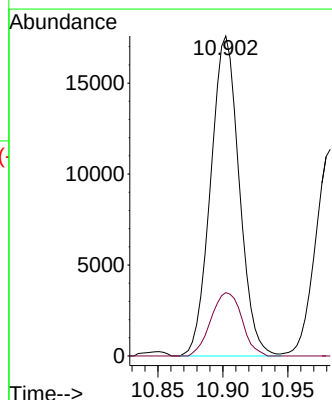
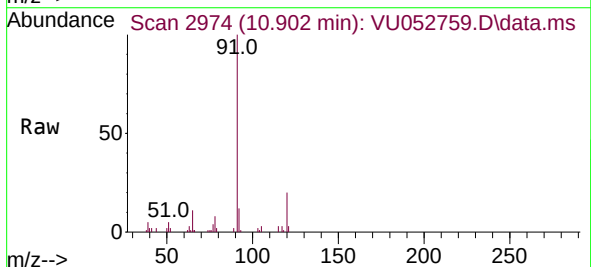
Instrument :
MSVOA_U
ClientSampleId :
MDL07

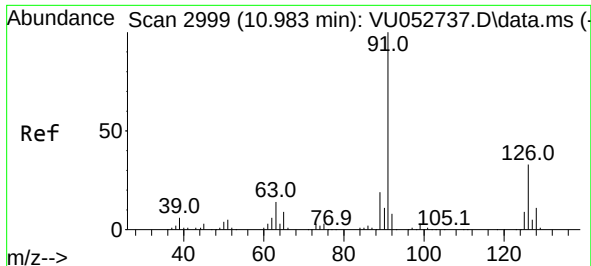
Tgt Ion:156 Resp: 6638
Ion Ratio Lower Upper
156 100
77 164.2 83.8 251.4
158 98.3 48.7 146.1



#78
n-propylbenzene
Concen: 2.495 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. 0.000 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

Tgt Ion: 91 Resp: 26903
Ion Ratio Lower Upper
91 100
120 21.4 11.3 33.8

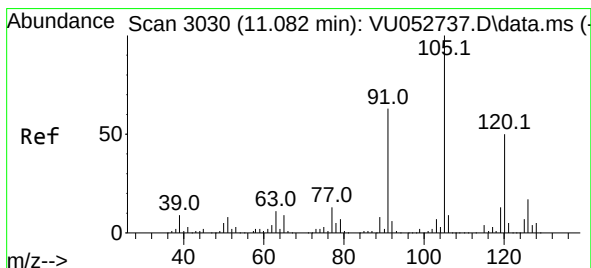
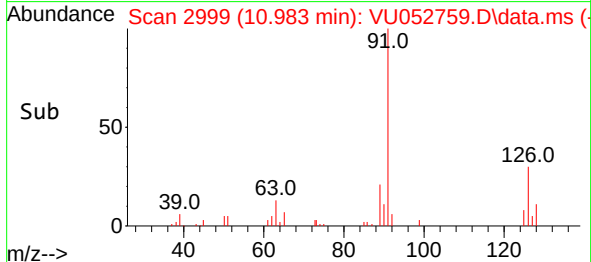
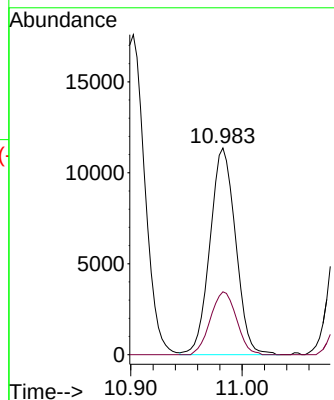
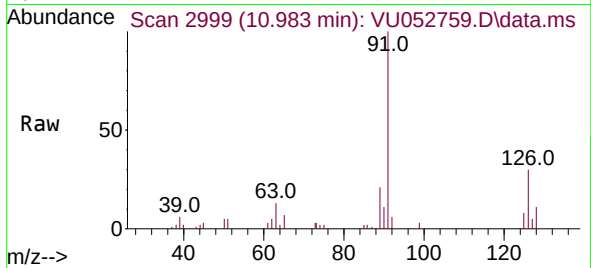




#79
2-Chlorotoluene
Concen: 2.723 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. 0.000 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

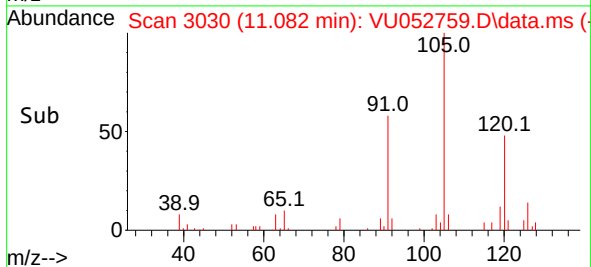
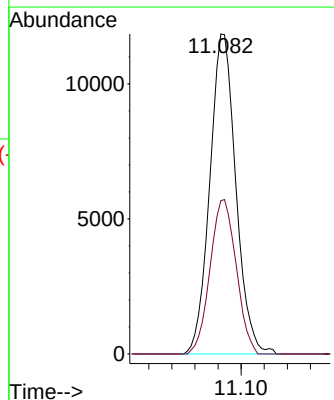
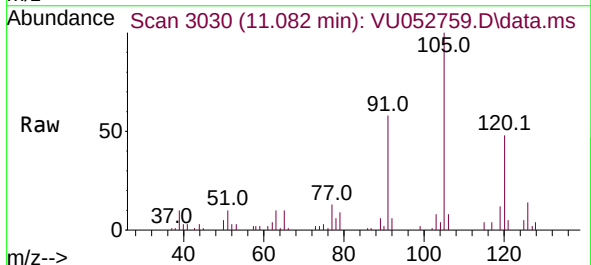
Instrument :
MSVOA_U
ClientSampleId :
MDL07

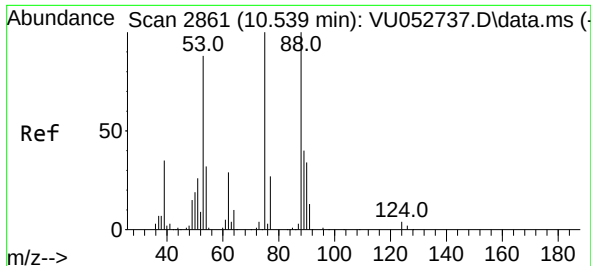
Tgt Ion: 91 Resp: 18148
Ion Ratio Lower Upper
91 100
126 31.0 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 2.436 ug/l
RT: 11.082 min Scan# 3030
Delta R.T. -0.000 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

Tgt Ion: 105 Resp: 18554
Ion Ratio Lower Upper
105 100
120 48.3 25.1 75.2

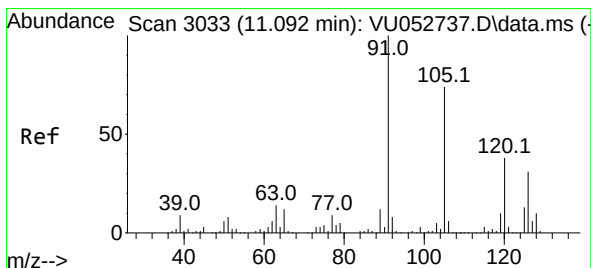
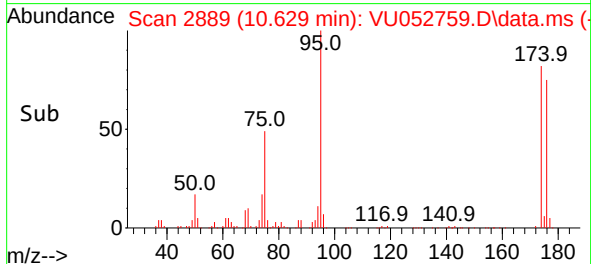
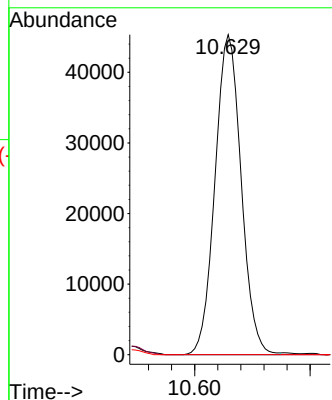
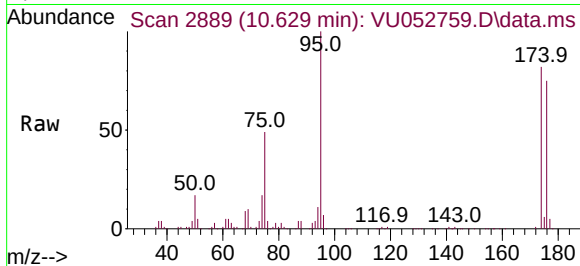




#81
trans-1,4-Dichloro-2-butene
Concen: 72.801 ug/l
RT: 10.629 min Scan# 21
Delta R.T. 0.090 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

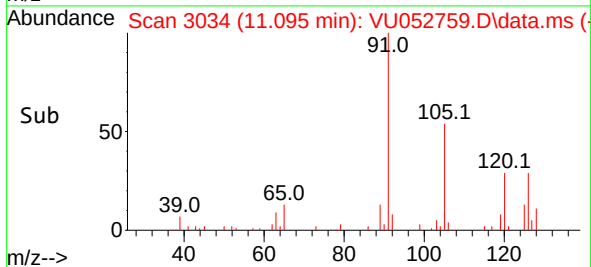
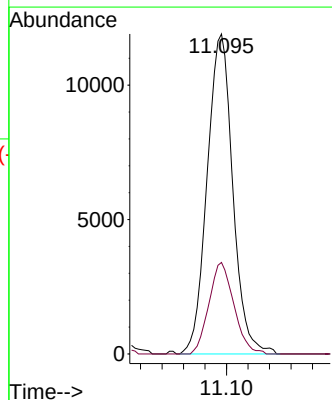
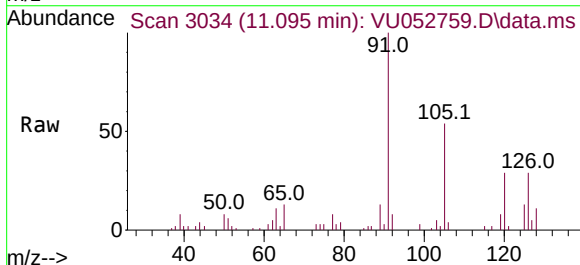
Instrument :
MSVOA_U
ClientSampleId :
MDL07

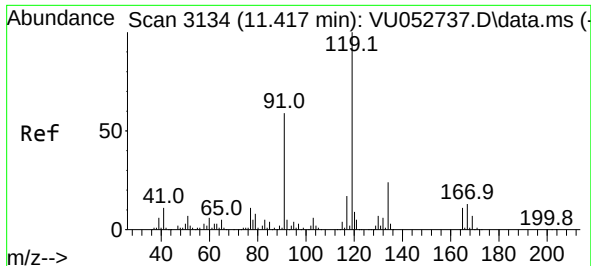
Tgt Ion: 75 Resp: 71157
Ion Ratio Lower Upper
75 100
53 0.0 72.4 108.6#
89 0.0 35.0 52.4#



#82
4-Chlorotoluene
Concen: 2.595 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.003 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

Tgt Ion: 91 Resp: 19711
Ion Ratio Lower Upper
91 100
126 27.8 14.9 44.7

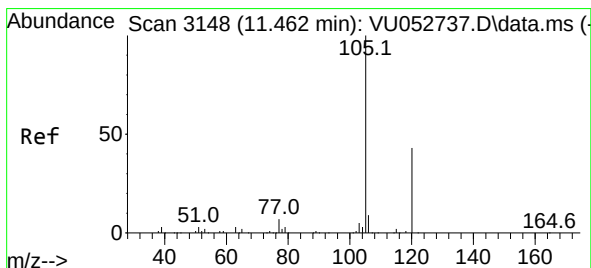
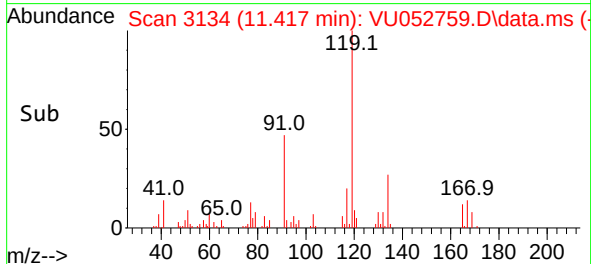
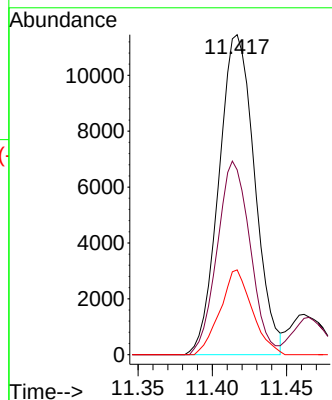
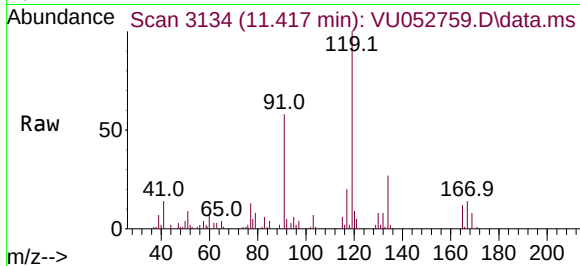




#83
 tert-Butylbenzene
 Concen: 2.456 ug/l
 RT: 11.417 min Scan# 3134
 Delta R.T. 0.000 min
 Lab File: VU052759.D
 Acq: 20 Jan 2023 13:45

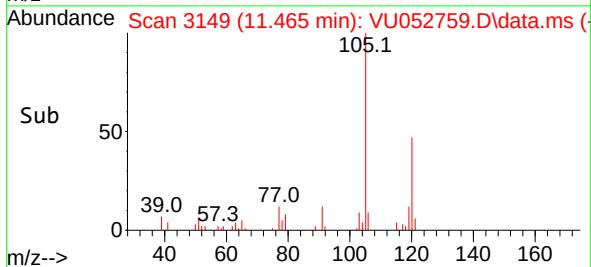
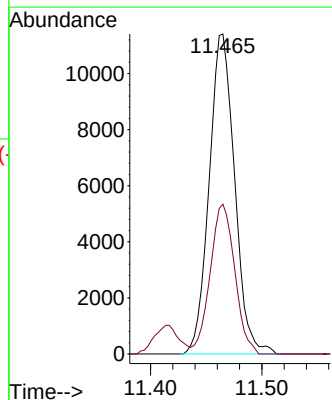
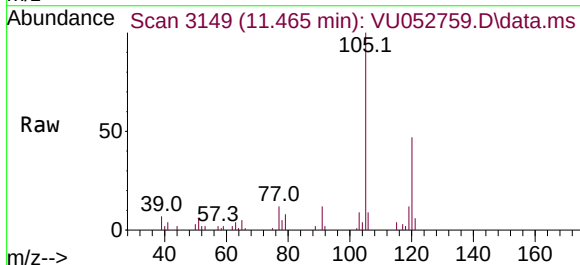
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

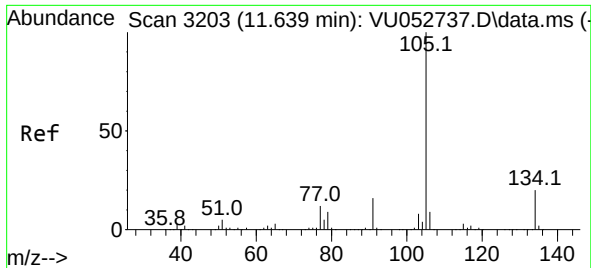
Tgt Ion:	119	Resp:	19202
Ion	Ratio	Lower	Upper
119	100		
91	55.6	28.4	85.2
134	23.7	11.5	34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 2.398 ug/l
 RT: 11.465 min Scan# 3149
 Delta R.T. 0.003 min
 Lab File: VU052759.D
 Acq: 20 Jan 2023 13:45

Tgt Ion:	105	Resp:	18130
Ion	Ratio	Lower	Upper
105	100		
120	45.2	23.2	69.5

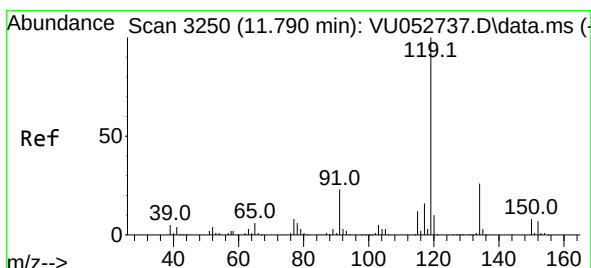
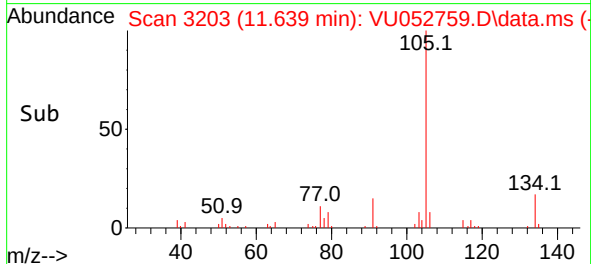
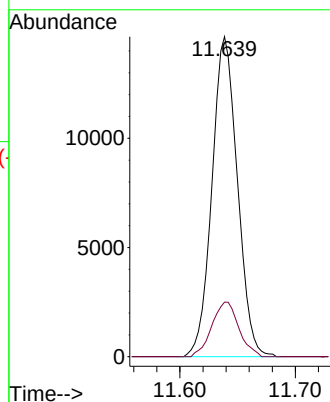
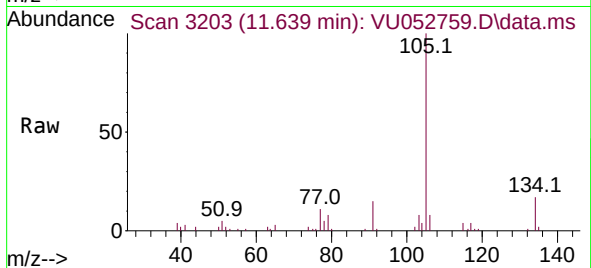




#85
 sec-Butylbenzene
 Concen: 2.343 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU052759.D
 Acq: 20 Jan 2023 13:45

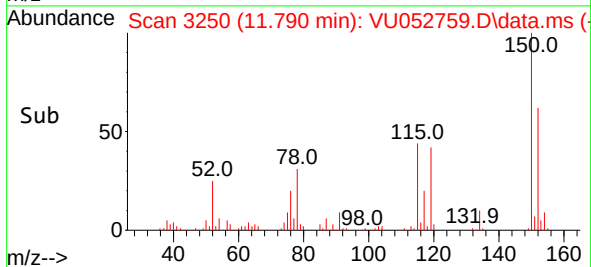
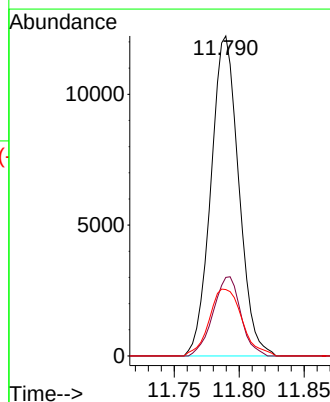
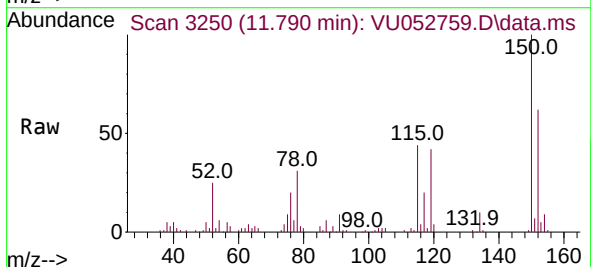
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

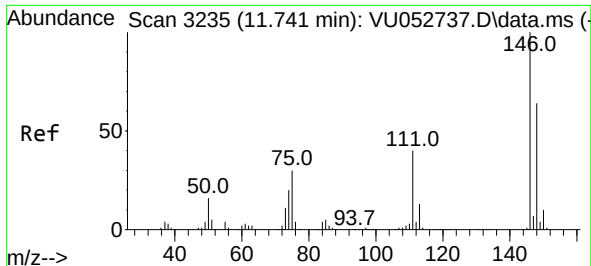
Tgt Ion:105 Resp: 22426
 Ion Ratio Lower Upper
 105 100
 134 18.1 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 2.234 ug/l
 RT: 11.790 min Scan# 3250
 Delta R.T. -0.000 min
 Lab File: VU052759.D
 Acq: 20 Jan 2023 13:45

Tgt Ion:119 Resp: 18179
 Ion Ratio Lower Upper
 119 100
 134 24.6 13.1 39.1
 91 24.7 11.5 34.5

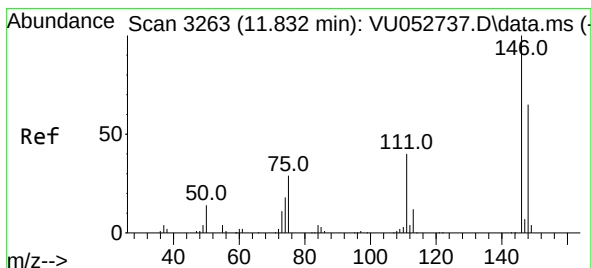
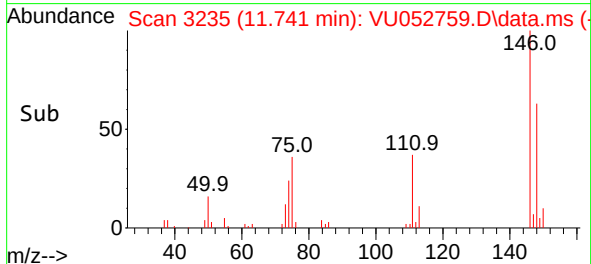
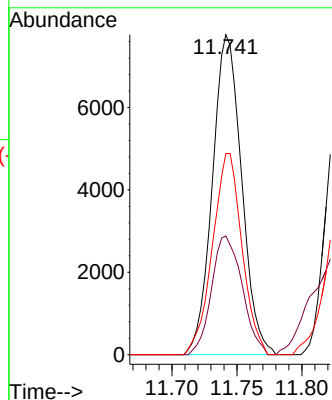
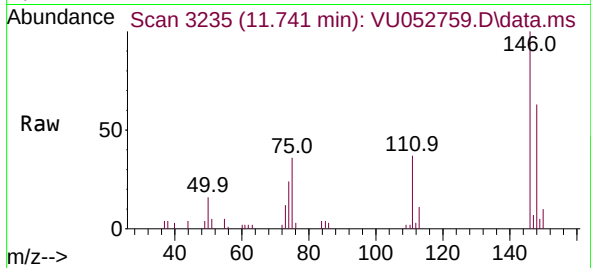




#87
1,3-Dichlorobenzene
Concen: 2.685 ug/l
RT: 11.741 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

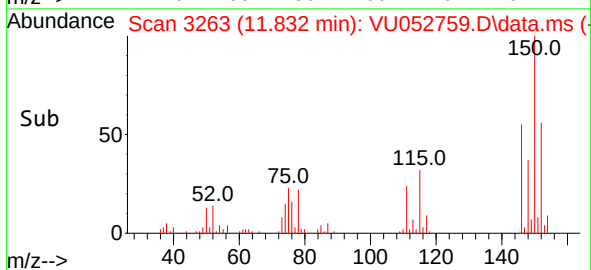
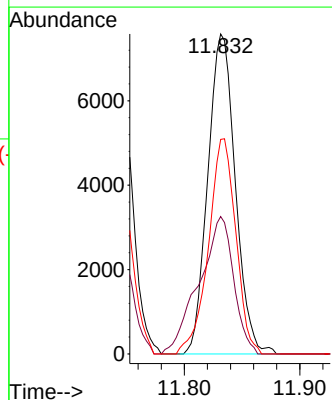
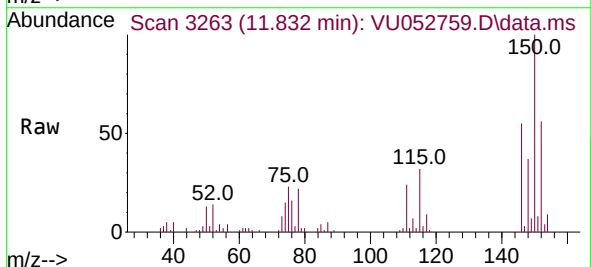
Instrument :
MSVOA_U
ClientSampleId :
MDL07

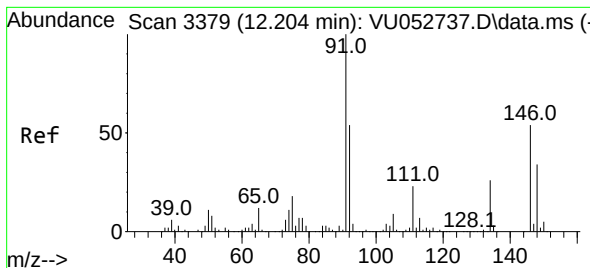
Tgt Ion:146 Resp: 12137
Ion Ratio Lower Upper
146 100
111 38.9 20.1 60.2
148 63.5 31.6 94.7



#88
1,4-Dichlorobenzene
Concen: 2.697 ug/l
RT: 11.832 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

Tgt Ion:146 Resp: 12537
Ion Ratio Lower Upper
146 100
111 53.9 20.3 61.0
148 66.9 32.3 96.8





#89

n-Butylbenzene

Concen: 2.250 ug/l

RT: 12.204 min Scan# 3379

Delta R.T. 0.000 min

Lab File: VU052759.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

MDL07

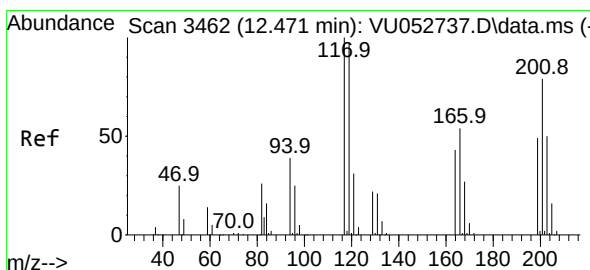
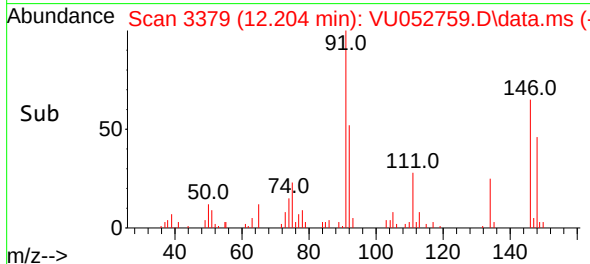
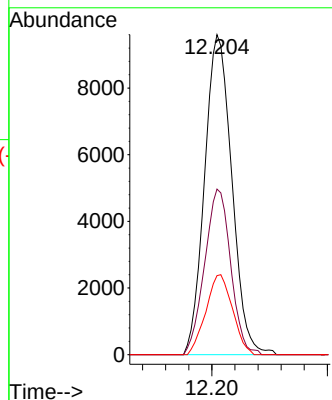
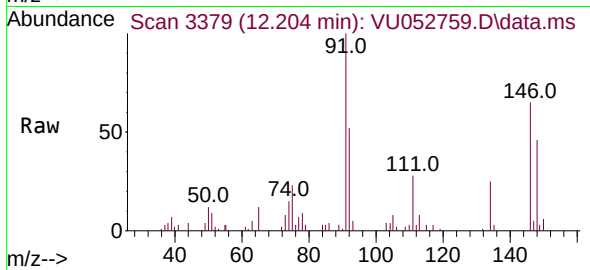
Tgt Ion: 91 Resp: 15709

Ion Ratio Lower Upper

91 100

92 49.6 26.8 80.3

134 24.4 13.1 39.3



#90

Hexachloroethane

Concen: 2.256 ug/l

RT: 12.471 min Scan# 3462

Delta R.T. 0.000 min

Lab File: VU052759.D

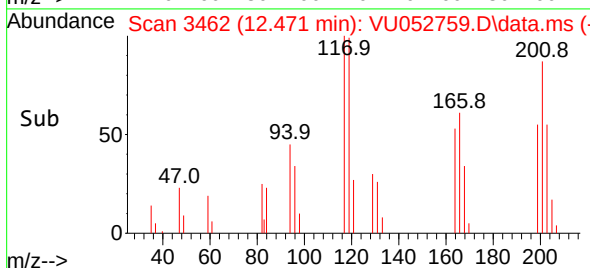
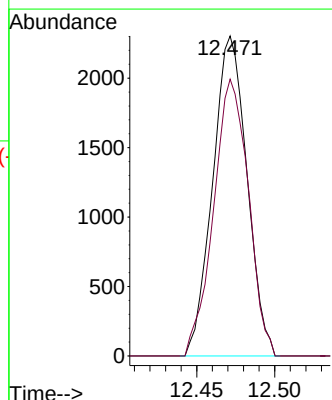
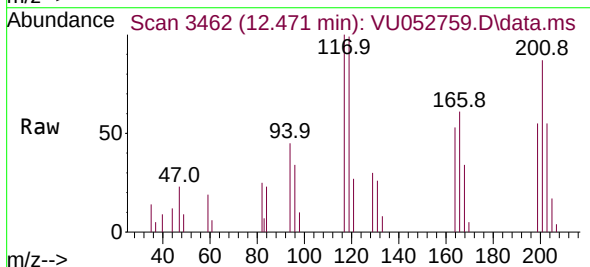
Acq: 20 Jan 2023 13:45

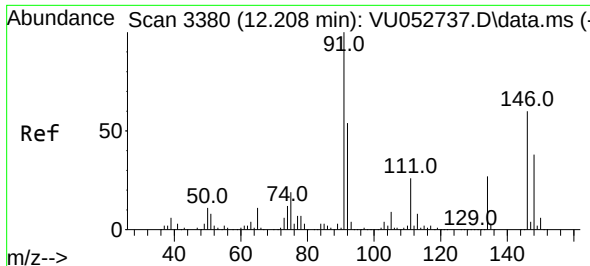
Tgt Ion: 117 Resp: 3522

Ion Ratio Lower Upper

117 100

201 87.9 39.3 117.9





#91

1,2-Dichlorobenzene

Concen: 2.651 ug/l

RT: 12.211 min Scan# 3380

Delta R.T. 0.003 min

Lab File: VU052759.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

MDL07

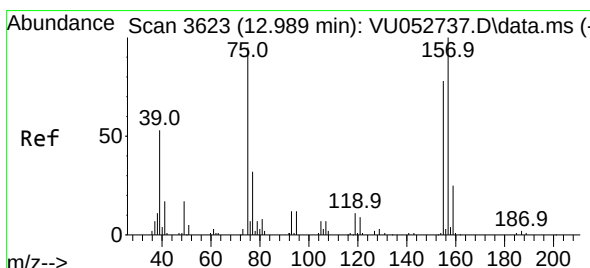
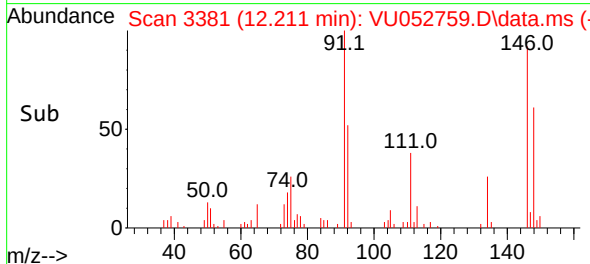
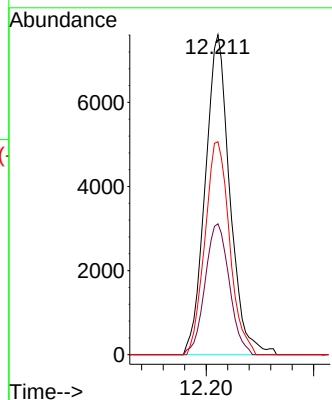
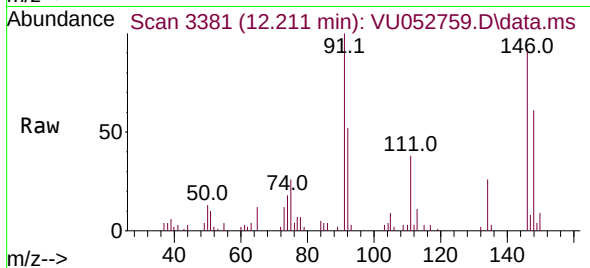
Tgt Ion:146 Resp: 12086

Ion Ratio Lower Upper

146 100

111 40.4 21.1 63.1

148 66.8 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.517 ug/l

RT: 12.995 min Scan# 3625

Delta R.T. 0.006 min

Lab File: VU052759.D

Acq: 20 Jan 2023 13:45

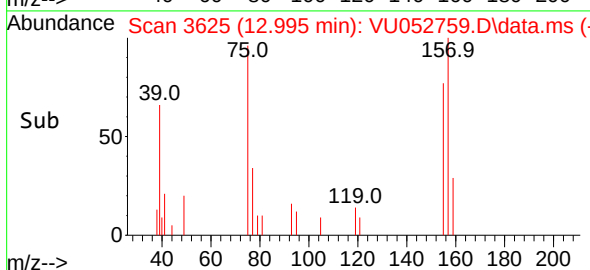
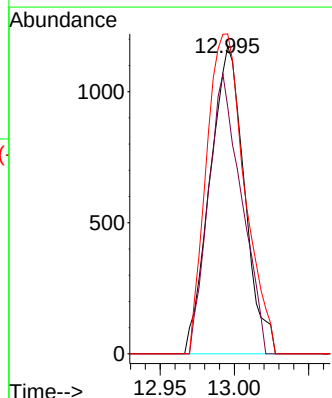
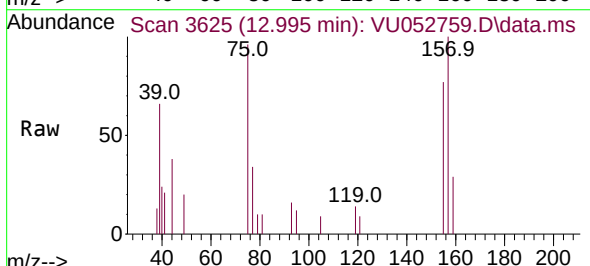
Tgt Ion: 75 Resp: 1897

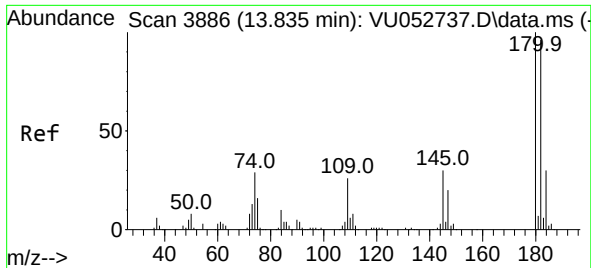
Ion Ratio Lower Upper

75 100

155 87.1 41.4 124.4

157 115.0 53.4 160.2





#93

1,2,4-Trichlorobenzene

Concen: 2.396 ug/l

RT: 13.838 min Scan# 3887

Delta R.T. 0.003 min

Lab File: VU052759.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

MDL07

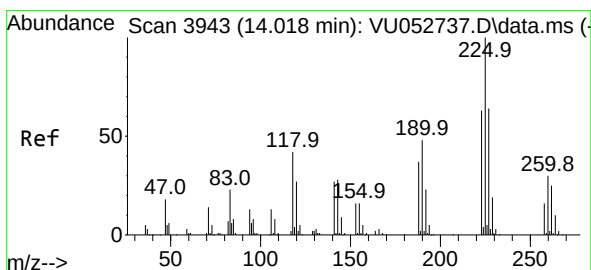
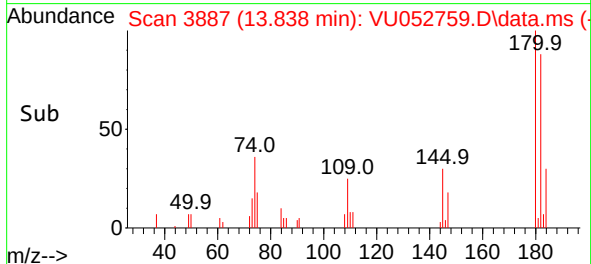
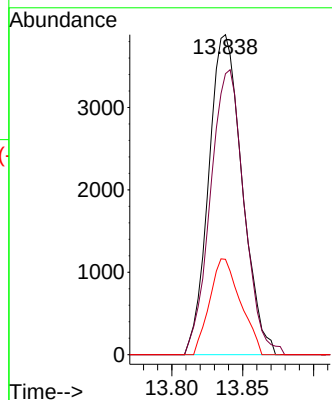
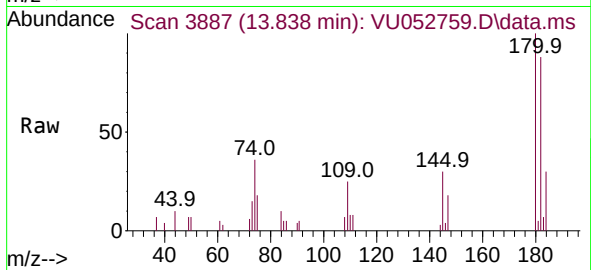
Tgt Ion:180 Resp: 6379

Ion Ratio Lower Upper

180 100

182 89.5 47.4 142.3

145 27.6 14.9 44.5



#94

Hexachlorobutadiene

Concen: 2.503 ug/l

RT: 14.015 min Scan# 3942

Delta R.T. -0.003 min

Lab File: VU052759.D

Acq: 20 Jan 2023 13:45

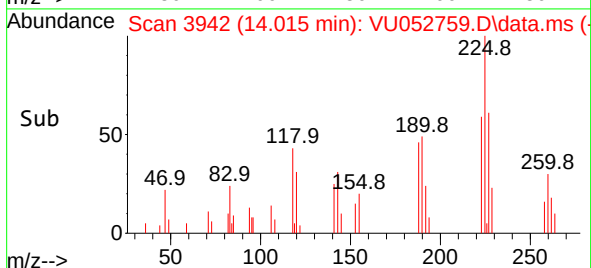
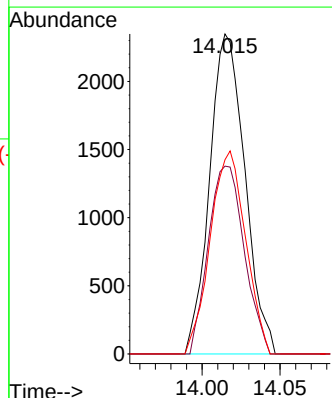
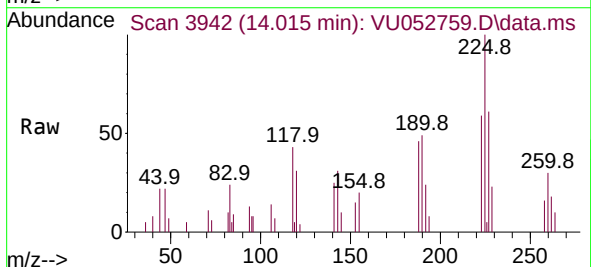
Tgt Ion:225 Resp: 3694

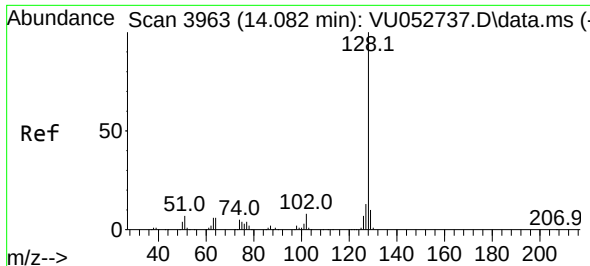
Ion Ratio Lower Upper

225 100

223 59.9 31.8 95.3

227 63.6 31.8 95.4

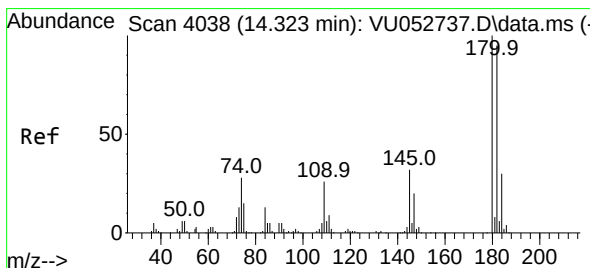
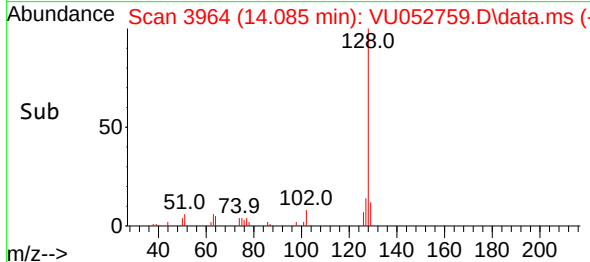
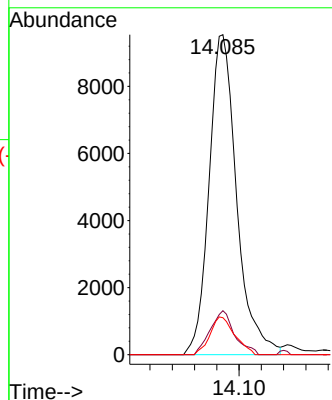
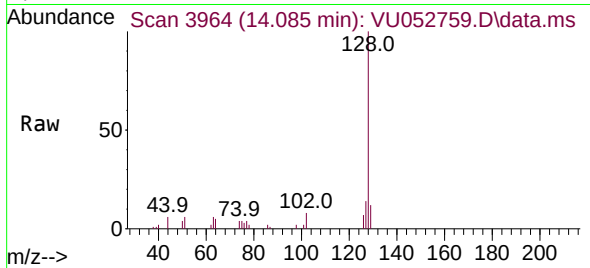




#95
Naphthalene
Concen: 2.171 ug/l
RT: 14.085 min Scan# 3963
Delta R.T. 0.003 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Tgt Ion:	128	Resp:	16393
Ion Ratio	Lower	Upper	
128	100		
127	12.1	10.3	15.5
129	10.5	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 2.260 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. 0.003 min
Lab File: VU052759.D
Acq: 20 Jan 2023 13:45

Tgt Ion:	180	Resp:	5972
Ion Ratio	Lower	Upper	
180	100		
182	104.9	48.1	144.3
145	31.6	15.8	47.4

