

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011923\
 Data File : VU052745.D
 Acq On : 19 Jan 2023 19:07
 Operator : JC/MD
 Sample : MDL04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04

Quant Time: Jan 20 01:35:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011923W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 20 01:35:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	203748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	344983	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	311016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	139267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	152517	51.977	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.960%
35) Dibromofluoromethane	5.285	113	117833	49.053	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.100%
50) Toluene-d8	7.893	98	420572	46.686	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.380%
62) 4-Bromofluorobenzene	10.629	95	143962	43.747	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.500%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	1084	0.451	ug/l	88
3) Chloromethane	1.520	50	2474	1.002	ug/l	94
4) Vinyl Chloride	1.604	62	1146	0.466	ug/l #	84
5) Bromomethane	1.858	94	1070	0.881	ug/l	82
6) Chloroethane	1.935	64	851	0.547	ug/l	92
7) Trichlorofluoromethane	2.134	101	1863	0.492	ug/l	86
8) Diethyl Ether	2.375	74	631	0.457	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.575	101	862	0.393	ug/l	92
10) Methyl Iodide	2.719	142	1292	0.718	ug/l #	96
11) Tert butyl alcohol	3.247	59	86	0.172	ug/l #	88
12) 1,1-Dichloroethene	2.581	96	926	0.427	ug/l	82
13) Acrolein	2.491	56	1541	3.135	ug/l	99
14) Allyl chloride	2.925	41	1158	0.339	ug/l	98
15) Acrylonitrile	3.324	53	3285	2.381	ug/l	96
16) Acetone	2.639	43	3684	2.634	ug/l	94
17) Carbon Disulfide	2.790	76	4603	0.709	ug/l #	92
18) Methyl Acetate	2.951	43	2110	0.545	ug/l	90
19) Methyl tert-butyl Ether	3.359	73	3057	0.416	ug/l	96
20) Methylene Chloride	3.047	84	2399	0.762	ug/l #	90
21) trans-1,2-Dichloroethene	3.350	96	935	0.400	ug/l	96
22) Diisopropyl ether	3.983	45	1369	0.193	ug/l #	66
23) Vinyl Acetate	3.964	43	10727	1.969	ug/l	95
24) 1,1-Dichloroethane	3.867	63	2008	0.446	ug/l #	82
25) 2-Butanone	4.732	43	3530	1.957	ug/l #	89
26) 2,2-Dichloropropane	4.658	77	1489	0.403	ug/l	88
27) cis-1,2-Dichloroethene	4.668	96	1317	0.514	ug/l	90
28) Bromochloromethane	4.961	49	368	0.196	ug/l #	30
29) Tetrahydrofuran	5.067	42	1810	1.729	ug/l	90
30) Chloroform	5.079	83	2388	0.496	ug/l	100
31) Cyclohexane	5.372	56	5837	1.420	ug/l #	16
32) 1,1,1-Trichloroethane	5.308	97	1658	0.421	ug/l #	51
36) 1,1-Dichloropropene	5.520	75	1515	0.440	ug/l	94
37) Ethyl Acetate	4.816	43	1722	0.460	ug/l #	67
38) Carbon Tetrachloride	5.517	117	1378	0.389	ug/l #	84
39) Methylcyclohexane	6.761	83	1866	0.465	ug/l	97
40) Benzene	5.774	78	4404	0.423	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	574	0.317	ug/l #	61
42) 1,2-Dichloroethane	5.790	62	2025	0.539	ug/l	80
43) Isopropyl Acetate	5.915	43	2295	0.439	ug/l #	90
44) Trichloroethene	6.536	130	1282	0.498	ug/l	92
45) 1,2-Dichloropropane	6.790	63	1112	0.414	ug/l #	74
46) Dibromomethane	6.922	93	958	0.515	ug/l #	83
47) Bromodichloromethane	7.105	83	1477	0.397	ug/l #	92
48) Methyl methacrylate	6.964	41	1103	0.463	ug/l #	83
49) 1,4-Dioxane	7.031	88	137	2.971	ug/l #	1
51) 4-Methyl-2-Pentanone	7.793	43	7222	2.137	ug/l	100
52) Toluene	7.967	92	3063	0.487	ug/l	97
53) t-1,3-Dichloropropene	8.211	75	1616	0.416	ug/l	92
54) cis-1,3-Dichloropropene	7.607	75	1709	0.412	ug/l	97
55) 1,1,2-Trichloroethane	8.398	97	1168	0.455	ug/l #	83
56) Ethyl methacrylate	8.337	69	1356	0.375	ug/l	93
57) 1,3-Dichloropropane	8.568	76	1835	0.407	ug/l	93
59) 2-Hexanone	8.690	43	6120	2.350	ug/l	99
60) Dibromochloromethane	8.806	129	1228	0.435	ug/l	99
61) 1,2-Dibromoethane	8.925	107	1097	0.407	ug/l	90
64) Tetrachloroethene	8.552	164	1074	0.497	ug/l	89
65) Chlorobenzene	9.443	112	3247	0.493	ug/l	91
66) 1,1,1,2-Tetrachloroethane	9.533	131	1059	0.429	ug/l #	63
67) Ethyl Benzene	9.571	91	5118	0.460	ug/l	97
68) m/p-Xylenes	9.690	106	4016	0.930	ug/l	89
69) o-Xylene	10.099	106	1726	0.419	ug/l	98
70) Styrene	10.115	104	2902	0.429	ug/l	98
71) Bromoform	10.288	173	922	0.447	ug/l #	90
73) Isopropylbenzene	10.481	105	4170	0.455	ug/l	98
74) N-amyl acetate	10.320	43	2323	0.665	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	10.780	83	1713	0.471	ug/l	97
76) 1,2,3-Trichloropropane	10.629	75	71340	18.771	ug/l #	47
77) Bromobenzene	10.783	156	1359	0.573	ug/l	80
78) n-propylbenzene	10.902	91	6275	0.582	ug/l	97
79) 2-Chlorotoluene	10.983	91	3748	0.562	ug/l	95
80) 1,3,5-Trimethylbenzene	11.086	105	3687	0.484	ug/l	93
81) trans-1,4-Dichloro-2-b...	10.629	75	71340	72.942	ug/l #	13
82) 4-Chlorotoluene	11.092	91	4565	0.601	ug/l	97
83) tert-Butylbenzene	11.414	119	3759	0.481	ug/l	97
84) 1,2,4-Trimethylbenzene	11.465	105	3793	0.501	ug/l	97
85) sec-Butylbenzene	11.639	105	4706	0.491	ug/l	94
86) p-Isopropyltoluene	11.793	119	4134	0.508	ug/l	90
87) 1,3-Dichlorobenzene	11.742	146	3060	0.677	ug/l	89
88) 1,4-Dichlorobenzene	11.742	146	3060	0.658	ug/l	90
89) n-Butylbenzene	12.208	91	4654	0.666	ug/l	96
90) Hexachloroethane	12.475	117	566	0.362	ug/l	96
91) 1,2-Dichlorobenzene	12.214	146	2794	0.613	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.992	75	508	0.674	ug/l	97
93) 1,2,4-Trichlorobenzene	13.841	180	2867	1.076	ug/l	98
94) Hexachlorobutadiene	14.018	225	1117	0.756	ug/l	89
95) Naphthalene	14.086	128	11366	1.504	ug/l	96
96) 1,2,3-Trichlorobenzene	14.330	180	3374	1.276	ug/l	98

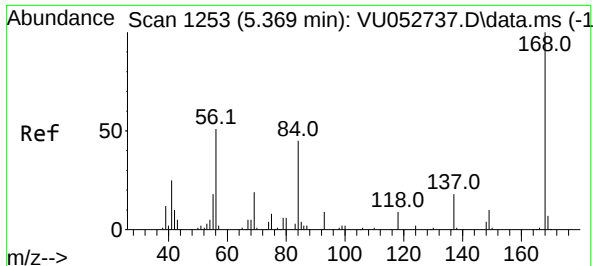
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

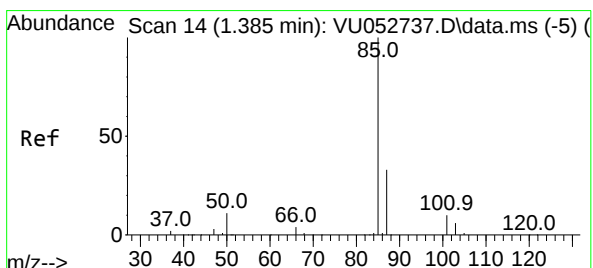
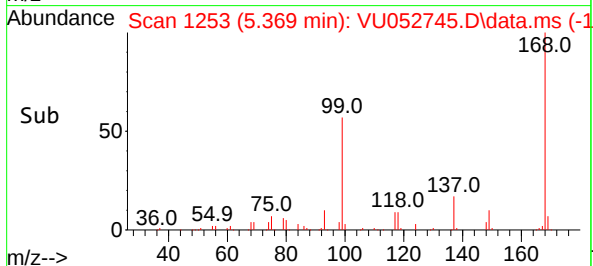
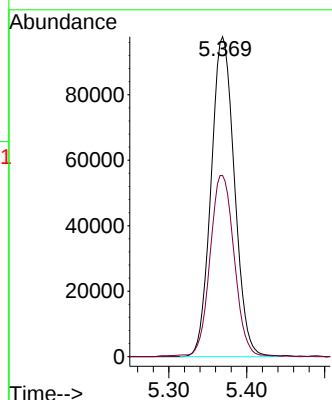
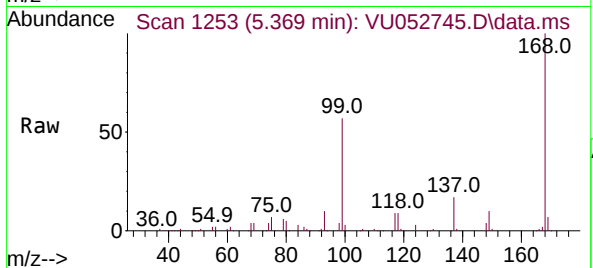
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

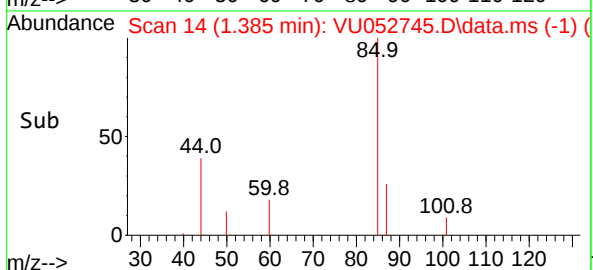
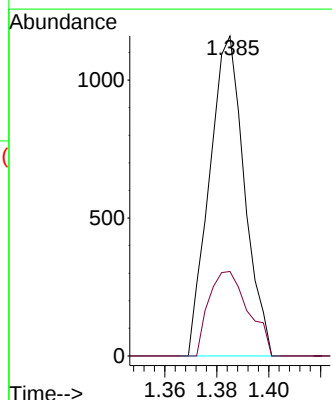
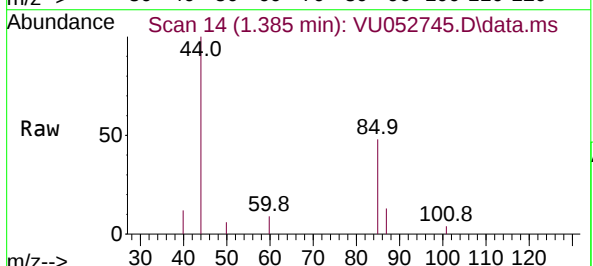
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ClientSampleId :
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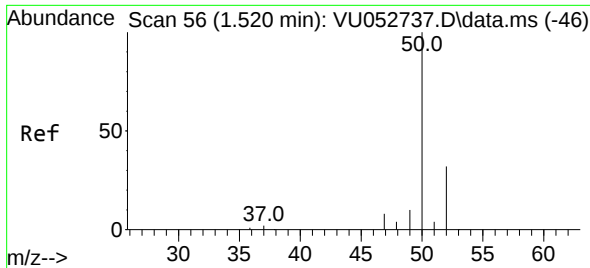
Tgt Ion:168 Resp: 203748
Ion Ratio Lower Upper
168 100
99 56.4 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 0.451 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Tgt Ion: 85 Resp: 1084
Ion Ratio Lower Upper
85 100
87 26.4 16.6 49.7

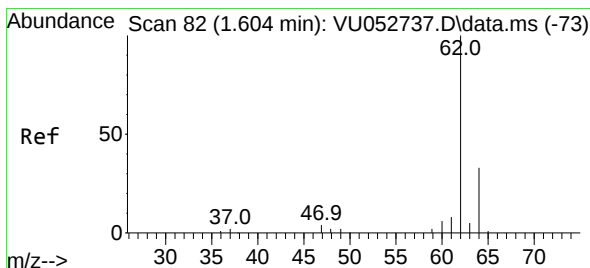
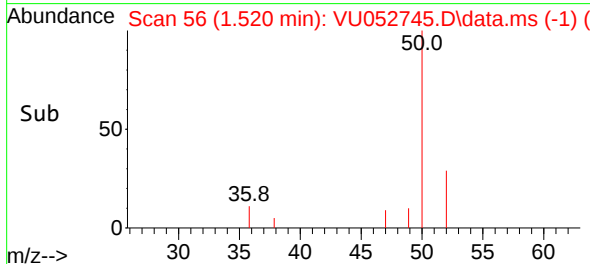
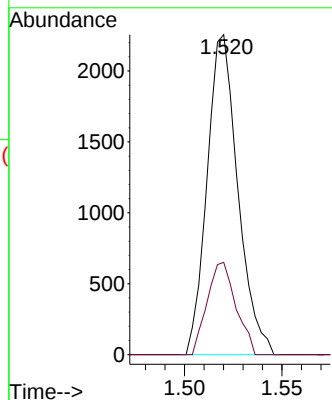
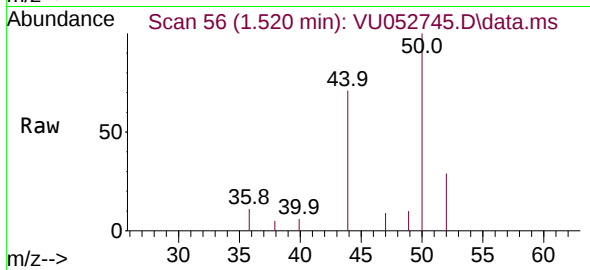




#3
Chloromethane
Concen: 1.002 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

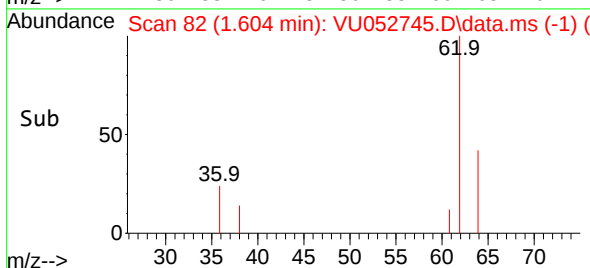
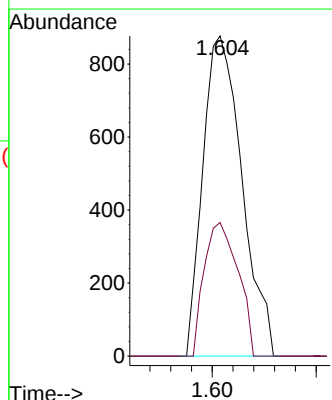
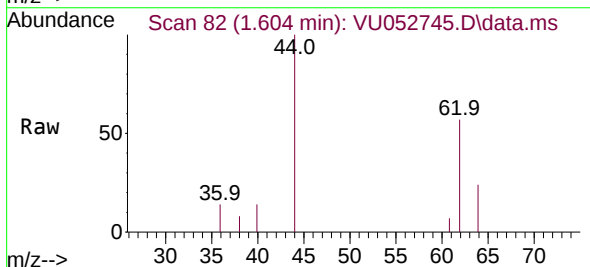
Instrument :
MSVOA_U
ClientSampleId :
MDL04

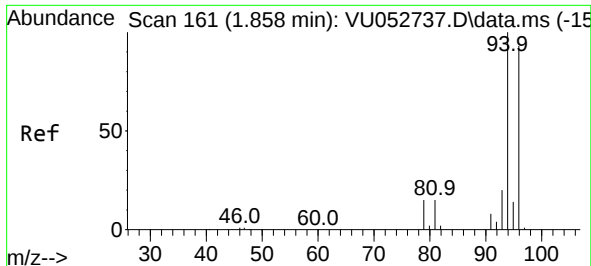
Tgt Ion: 50 Resp: 2474
Ion Ratio Lower Upper
50 100
52 28.9 25.8 38.6



#4
Vinyl Chloride
Concen: 0.466 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Tgt Ion: 62 Resp: 1146
Ion Ratio Lower Upper
62 100
64 41.7 26.1 39.1#



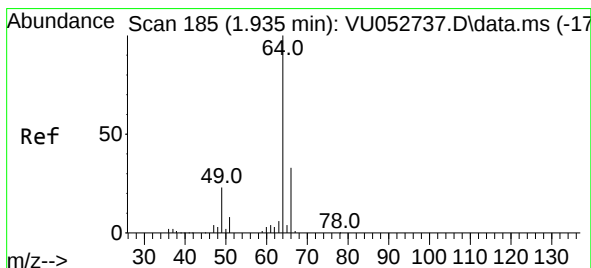
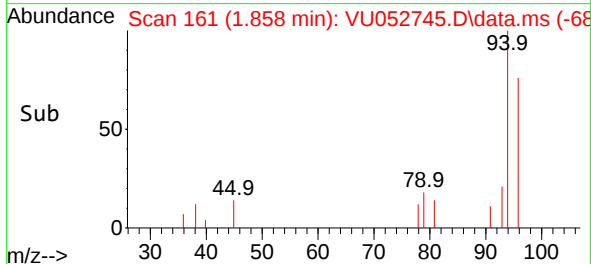
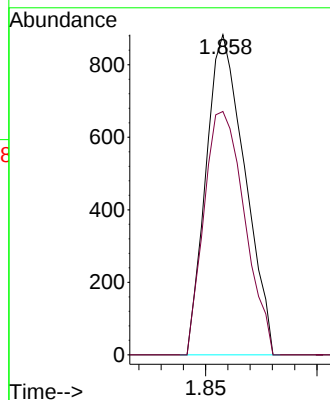
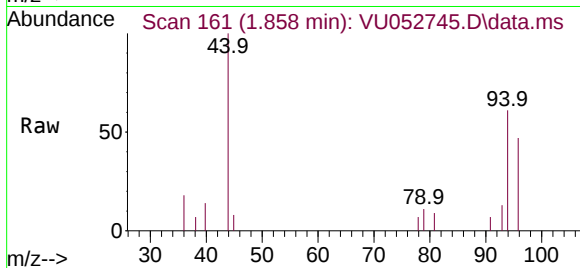


#5
Bromomethane

Concen: 0.881 ug/l
RT: 1.858 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Instrument :
MSVOA_U
ClientSampleId :
MDL04

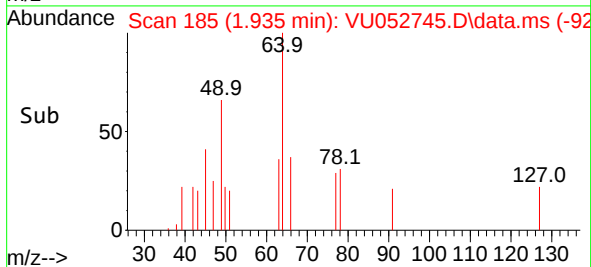
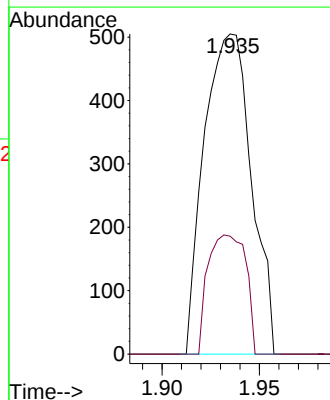
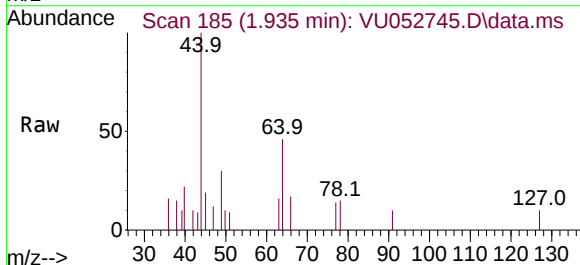
Tgt Ion: 94 Resp: 1070
Ion Ratio Lower Upper
94 100
96 76.0 74.3 111.5

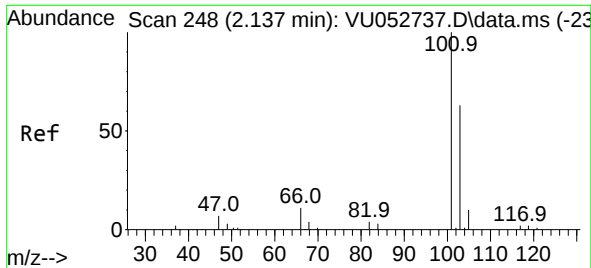


#6

Chloroethane
Concen: 0.547 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Tgt Ion: 64 Resp: 851
Ion Ratio Lower Upper
64 100
66 36.8 26.1 39.1

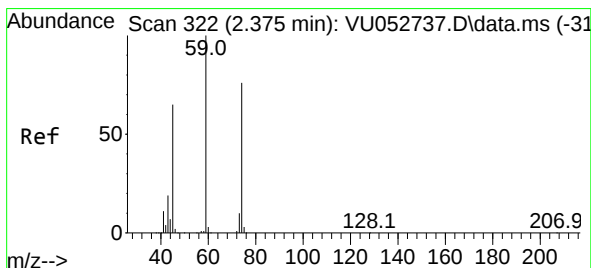
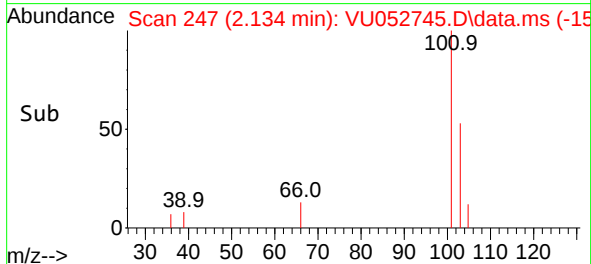
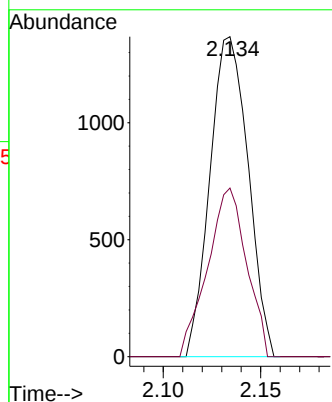
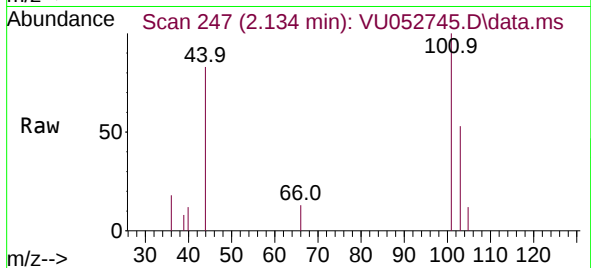




#7
Trichlorofluoromethane
Concen: 0.492 ug/l
RT: 2.134 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

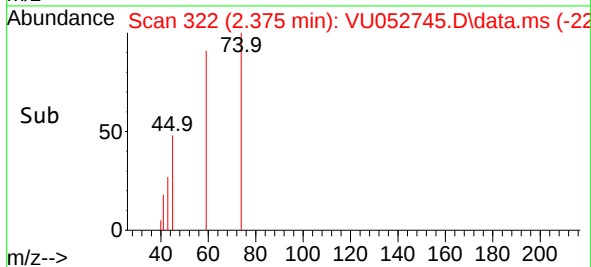
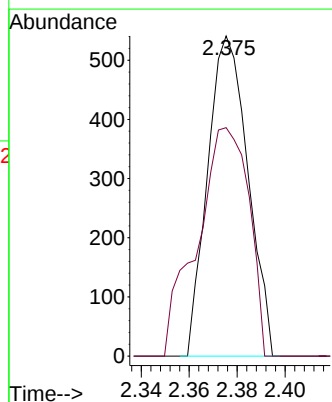
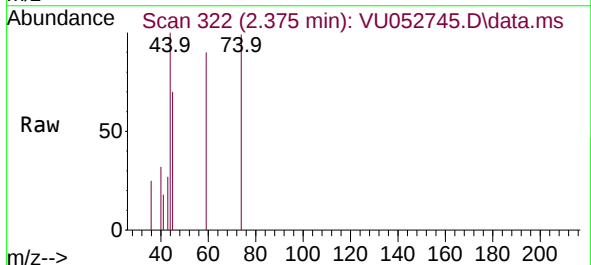
Instrument :
MSVOA_U
ClientSampleId :
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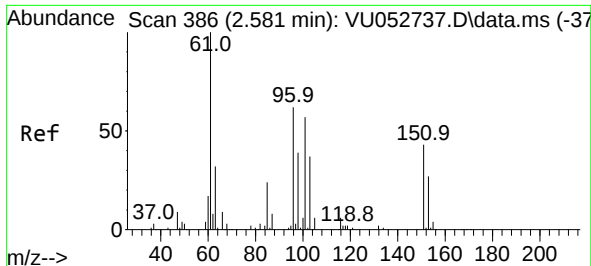
Tgt Ion:101 Resp: 1863
Ion Ratio Lower Upper
101 100
103 52.7 50.7 76.1



#8
Diethyl Ether
Concen: 0.457 ug/l
RT: 2.375 min Scan# 322
Delta R.T. 0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Tgt Ion: 74 Resp: 631
Ion Ratio Lower Upper
74 100
45 91.8 42.4 127.3

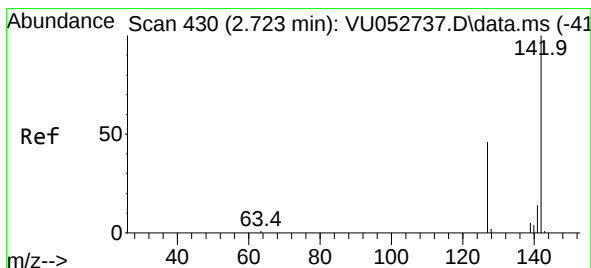
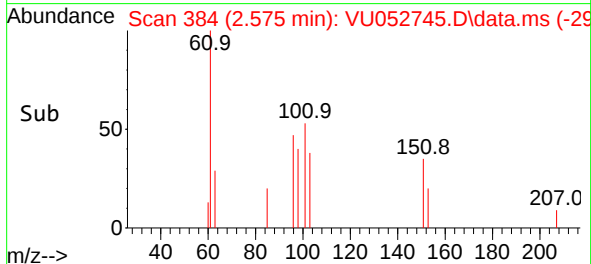
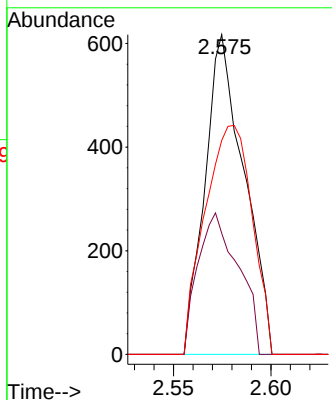
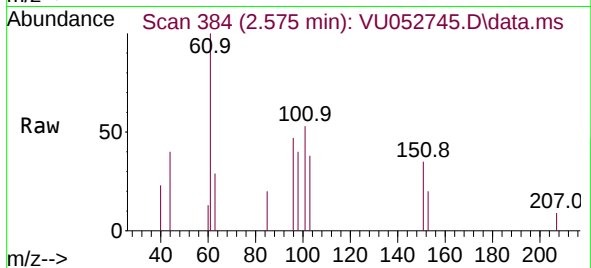




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.393 ug/l
RT: 2.575 min Scan# 386
Delta R.T. -0.006 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

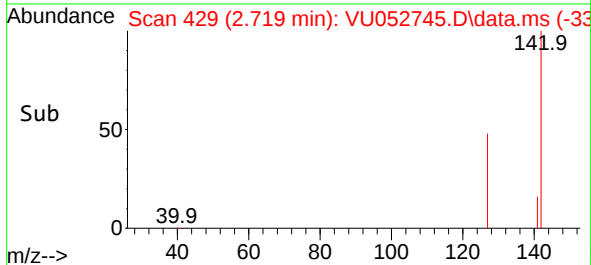
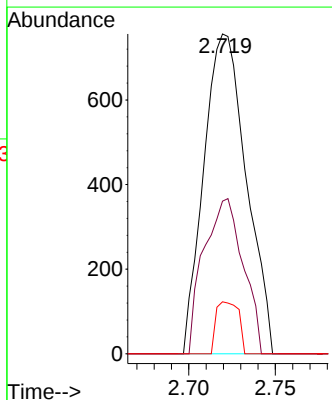
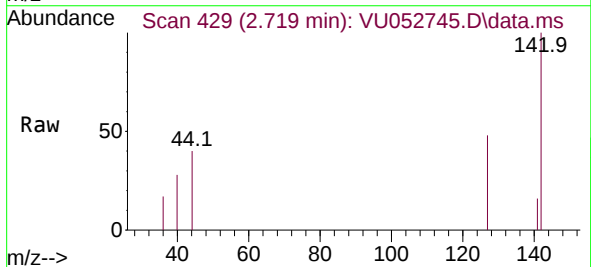
Instrument :
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ClientSampleId :
MDL04

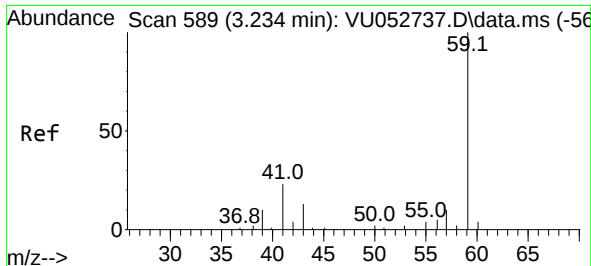
Tgt Ion:101 Resp: 862
Ion Ratio Lower Upper
101 100
85 45.9 35.1 52.7
151 86.5 61.9 92.9



#10
Methyl Iodide
Concen: 0.718 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.004 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Tgt Ion:142 Resp: 1292
Ion Ratio Lower Upper
142 100
127 44.8 36.3 54.5
141 8.6 11.8 17.6#





#11

Tert butyl alcohol

Concen: 0.172 ug/l

RT: 3.247 min Scan# 59

Delta R.T. 0.013 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

Instrument :

MSVOA_U

ClientSampleId :

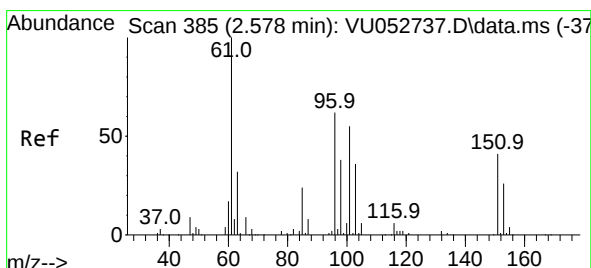
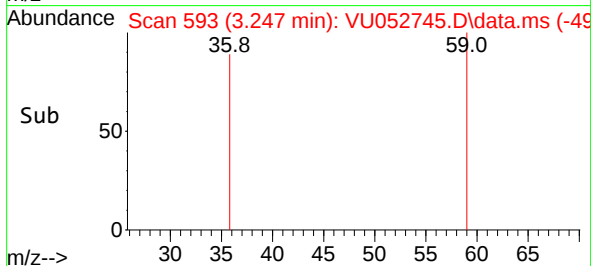
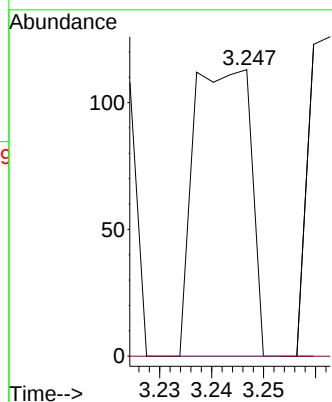
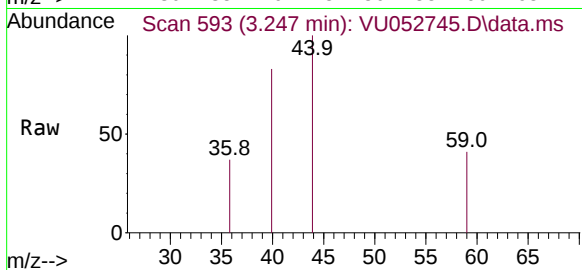
MDL04

Tgt Ion: 59 Resp: 86

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 0.427 ug/l

RT: 2.581 min Scan# 386

Delta R.T. 0.003 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

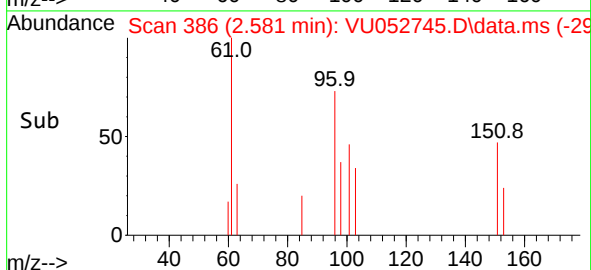
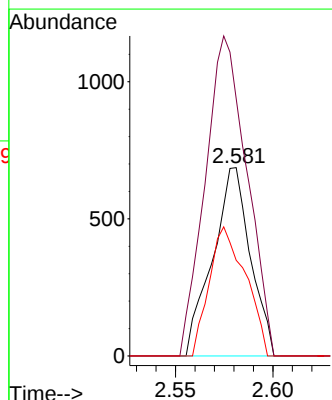
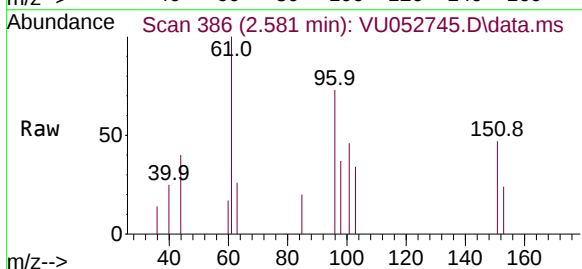
Tgt Ion: 96 Resp: 926

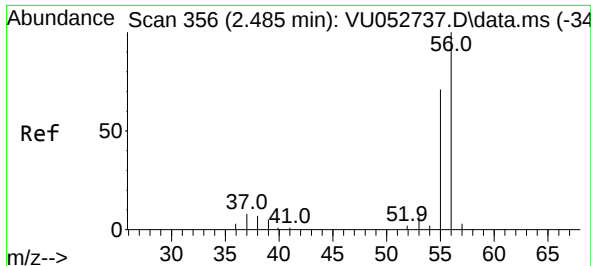
Ion Ratio Lower Upper

96 100

61 136.5 129.8 194.6

98 50.8 49.9 74.9

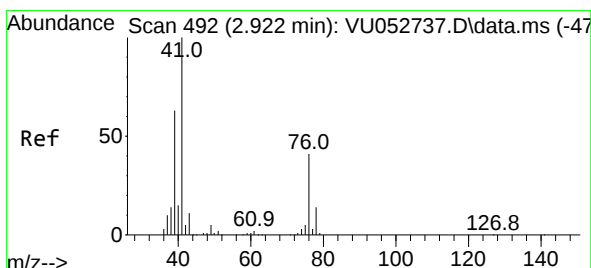
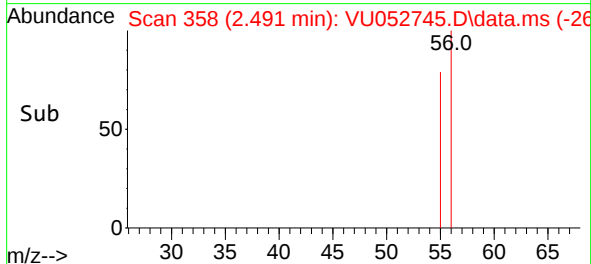
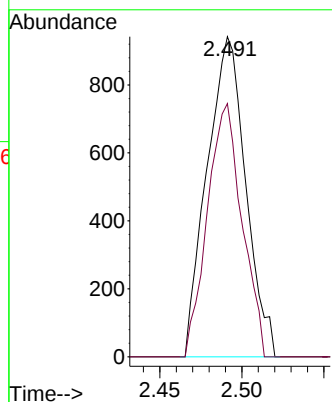
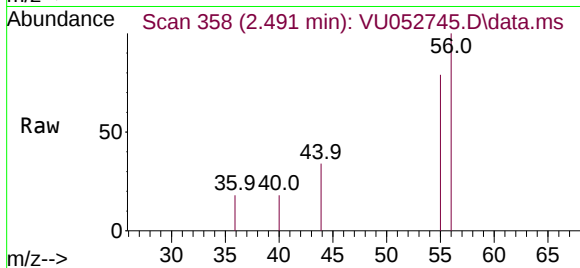




#13
Acrolein
Concen: 3.135 ug/l
RT: 2.491 min Scan# 356
Delta R.T. 0.006 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

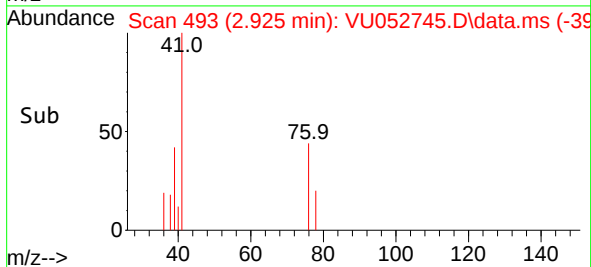
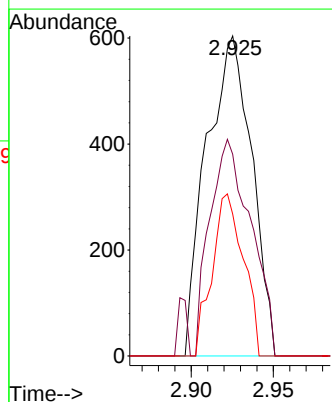
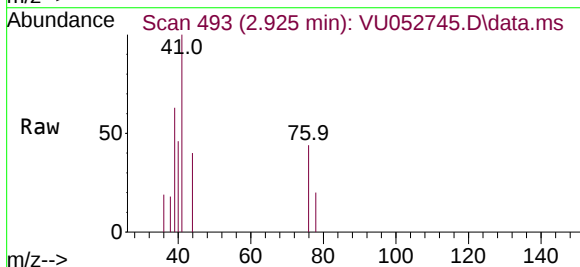
Instrument :
MSVOA_U
ClientSampleId :
MDL04

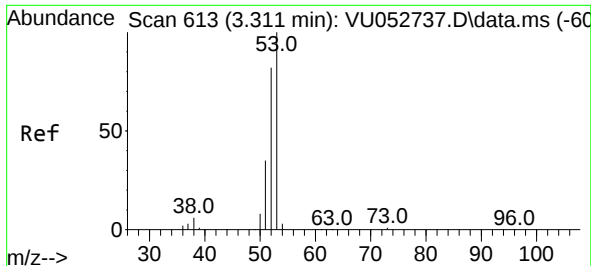
Tgt Ion: 56 Resp: 1541
Ion Ratio Lower Upper
56 100
55 70.7 57.2 85.8



#14
Allyl chloride
Concen: 0.339 ug/l
RT: 2.925 min Scan# 493
Delta R.T. 0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Tgt Ion: 41 Resp: 1158
Ion Ratio Lower Upper
41 100
39 61.8 48.2 72.2
76 35.1 29.4 44.0

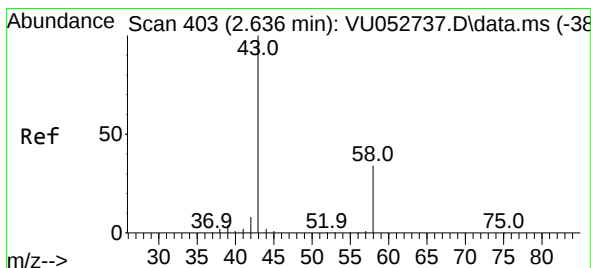
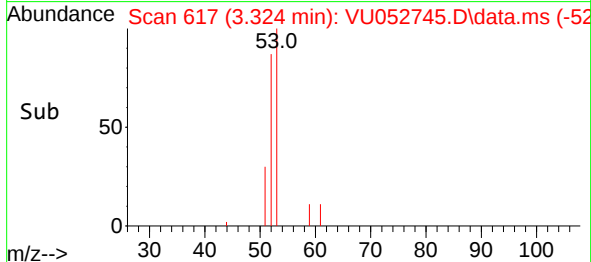
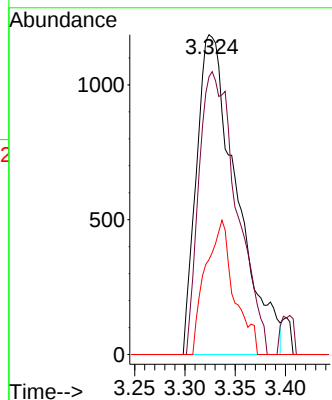
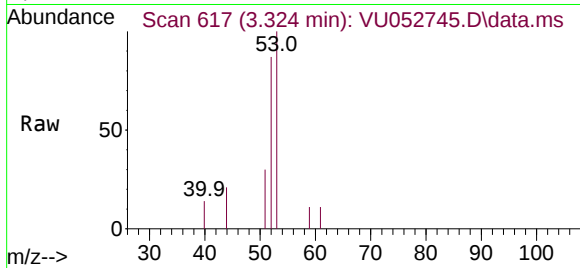




#15
Acrylonitrile
Concen: 2.381 ug/l
RT: 3.324 min Scan# 613
Delta R.T. 0.013 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

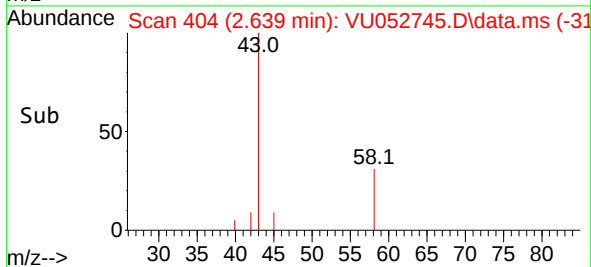
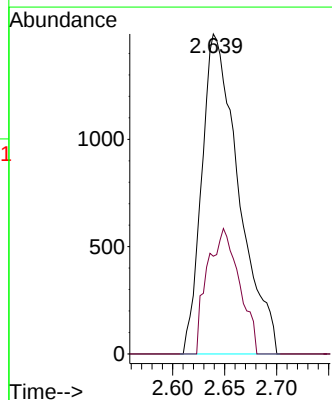
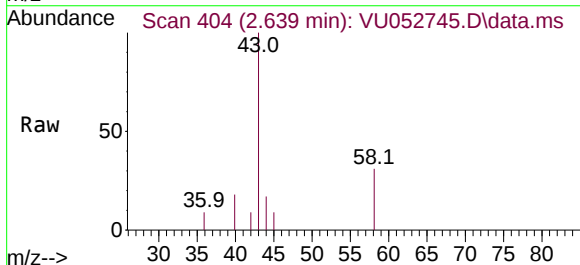
Instrument :
MSVOA_U
ClientSampleId :
MDL04

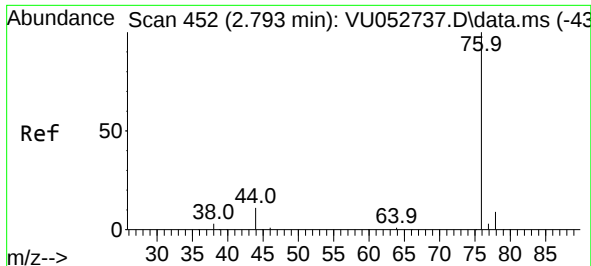
Tgt Ion: 53	Resp: 3285
Ion Ratio	Lower Upper
53 100	
52 83.4	64.9 97.3
51 29.9	27.6 41.4



#16
Acetone
Concen: 2.634 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Tgt Ion: 43	Resp: 3684
Ion Ratio	Lower Upper
43 100	
58 30.5	27.1 40.7

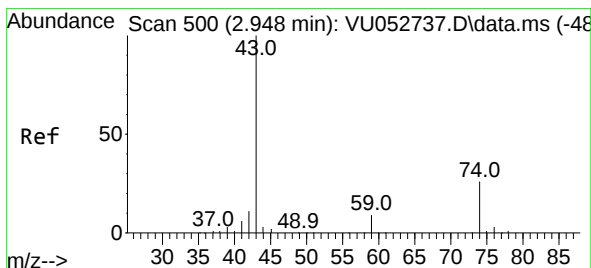
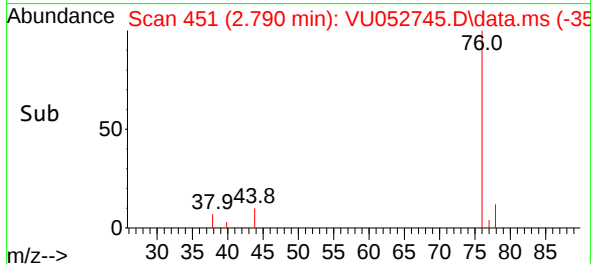
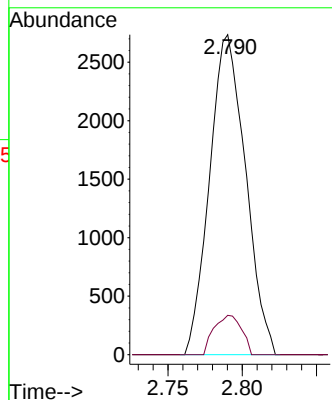
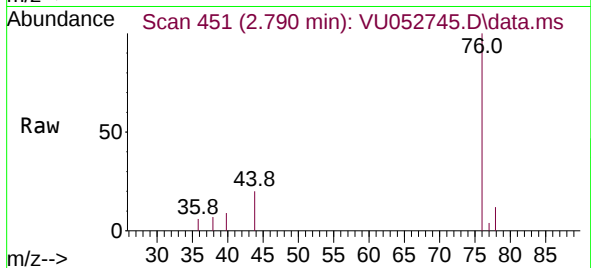




#17
Carbon Disulfide
Concen: 0.709 ug/l
RT: 2.790 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

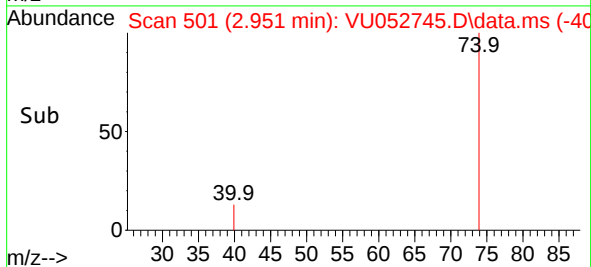
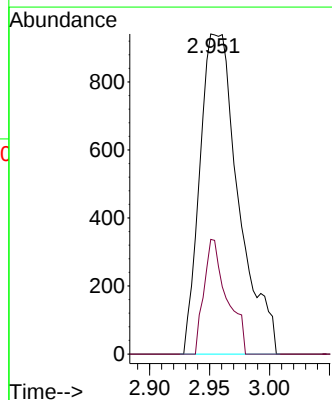
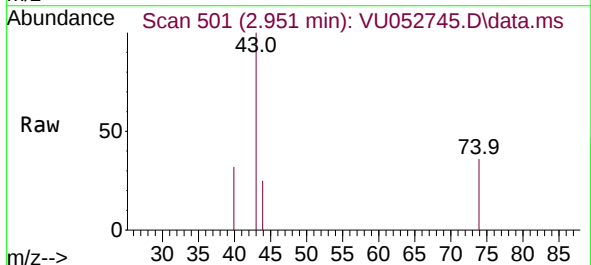
Instrument :
MSVOA_U
ClientSampleId :
MDL04

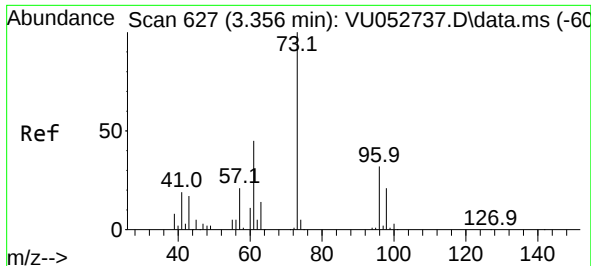
Tgt Ion: 76 Resp: 4603
Ion Ratio Lower Upper
76 100
78 12.3 7.4 11.2#



#18
Methyl Acetate
Concen: 0.545 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Tgt Ion: 43 Resp: 2110
Ion Ratio Lower Upper
43 100
74 21.3 21.1 31.7





#19

Methyl tert-butyl Ether

Concen: 0.416 ug/l

RT: 3.359 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

Instrument :

MSVOA_U

ClientSampleId :

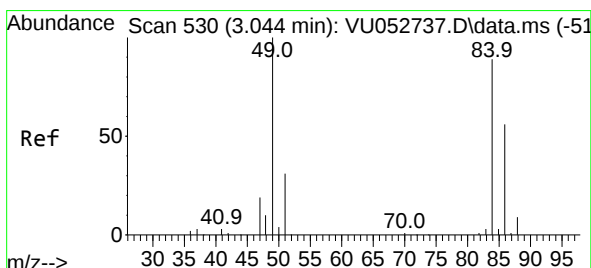
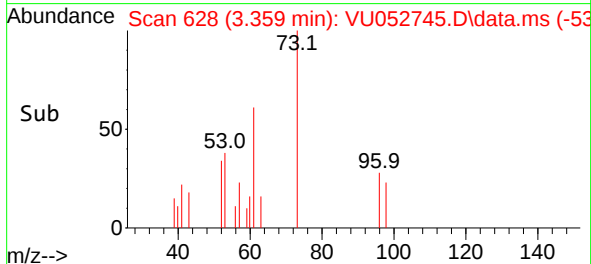
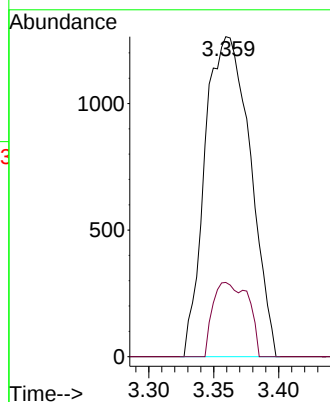
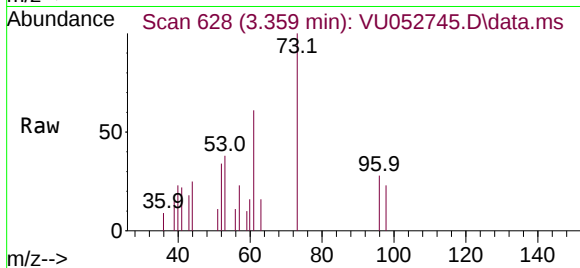
MDL04

Tgt Ion: 73 Resp: 3057

Ion Ratio Lower Upper

73 100

57 23.2 16.9 25.3



#20

Methylene Chloride

Concen: 0.762 ug/l

RT: 3.047 min Scan# 531

Delta R.T. 0.003 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

Tgt Ion: 84 Resp: 2399

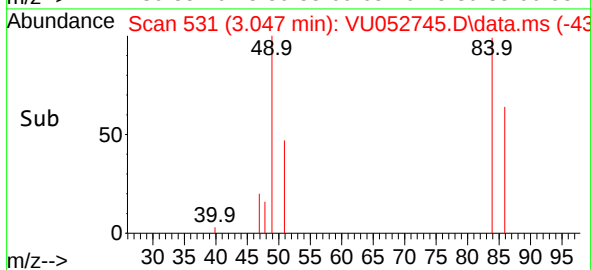
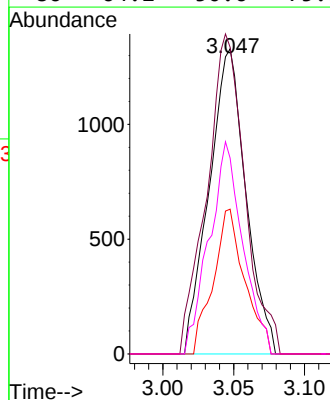
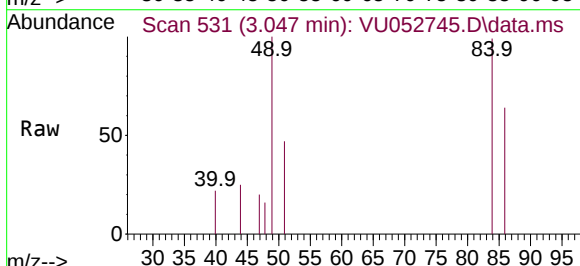
Ion Ratio Lower Upper

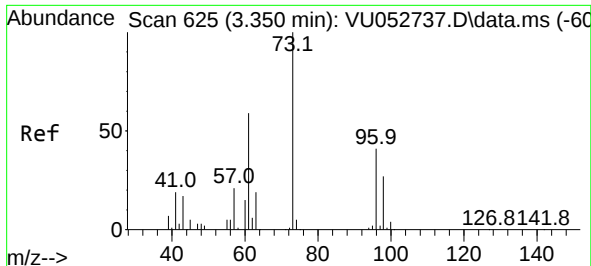
84 100

49 100.5 90.2 135.4

51 47.5 28.1 42.1#

86 64.2 50.6 75.8

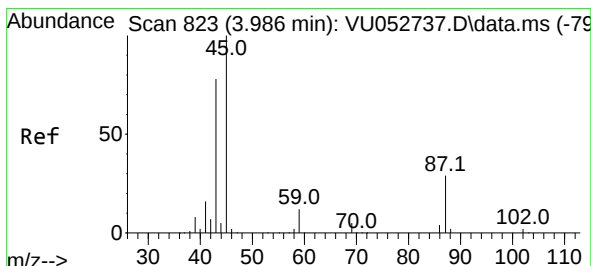
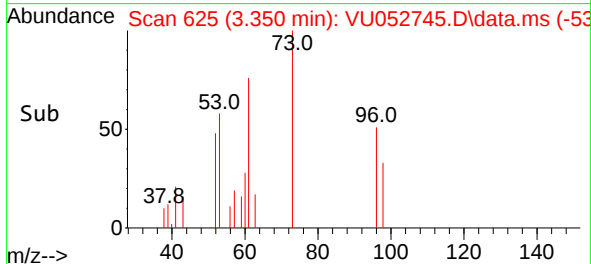
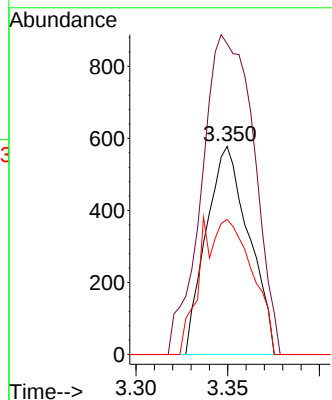
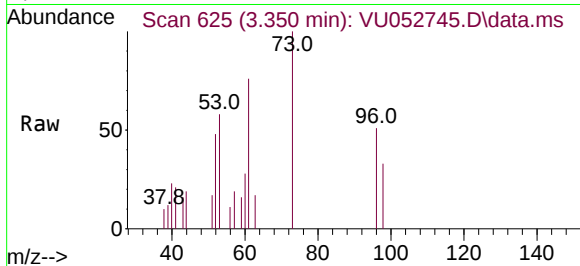




#21
trans-1,2-Dichloroethene
Concen: 0.400 ug/l
RT: 3.350 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

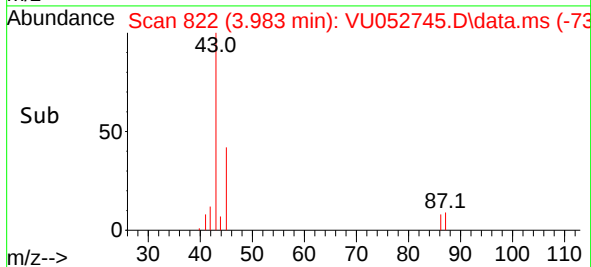
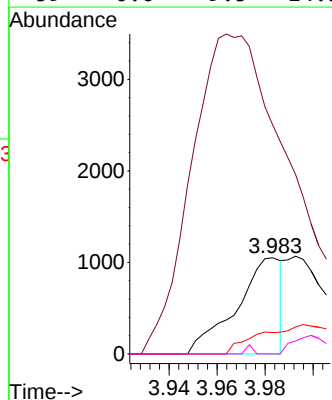
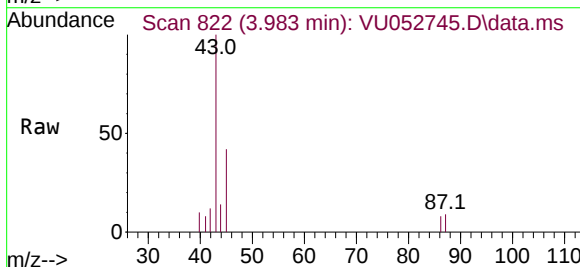
Instrument :
MSVOA_U
ClientSampleId :
MDL04

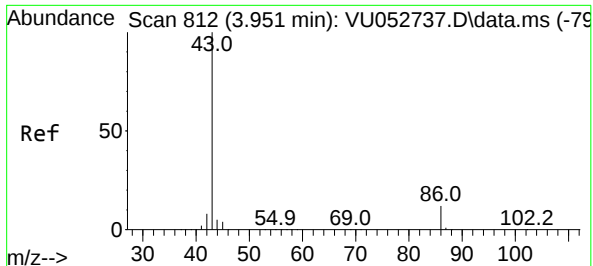
Tgt Ion: 96 Resp: 935
Ion Ratio Lower Upper
96 100
61 149.3 114.7 172.1
98 64.9 52.4 78.6



#22
Diisopropyl ether
Concen: 0.193 ug/l
RT: 3.983 min Scan# 822
Delta R.T. -0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Tgt Ion: 45 Resp: 1369
Ion Ratio Lower Upper
45 100
43 118.5 64.6 97.0#
87 22.3 23.2 34.8#
59 0.0 9.5 14.3#

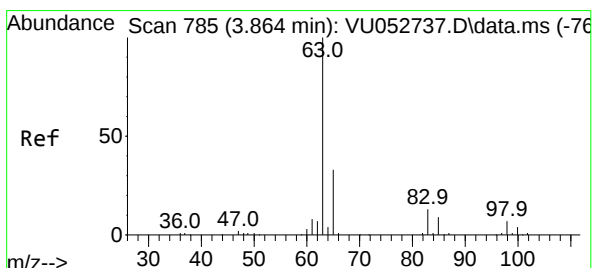
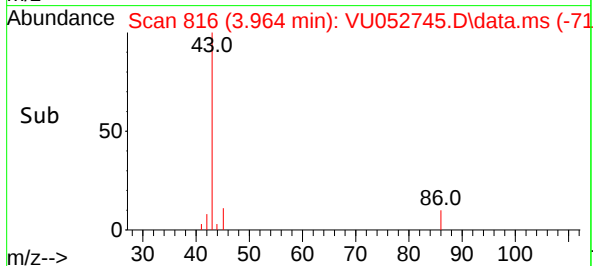
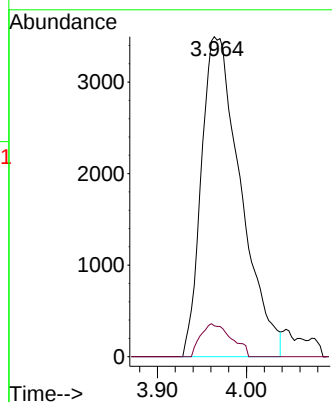
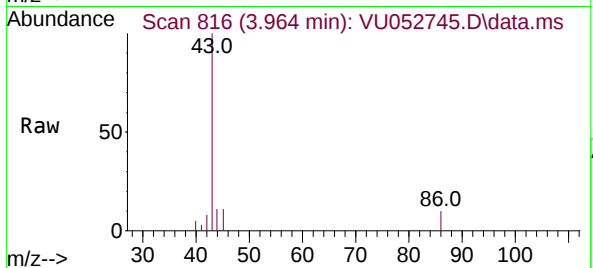




#23
 Vinyl Acetate
 Concen: 1.969 ug/l
 RT: 3.964 min Scan# 812
 Delta R.T. 0.013 min
 Lab File: VU052745.D
 Acq: 19 Jan 2023 19:07

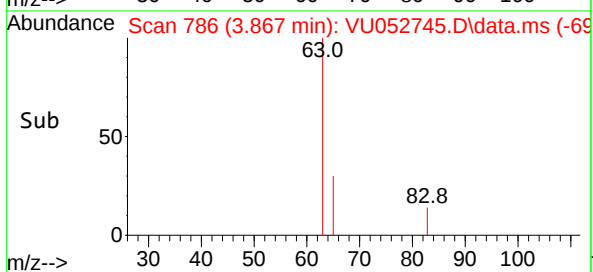
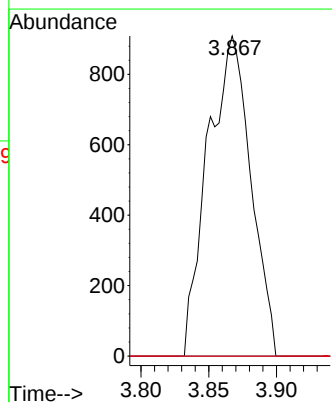
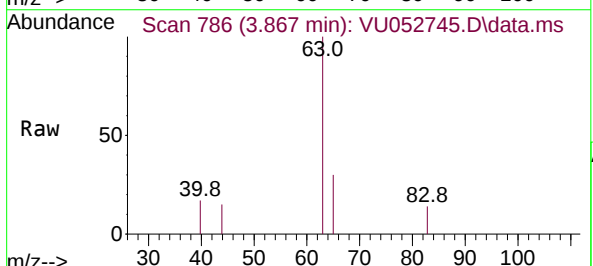
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04

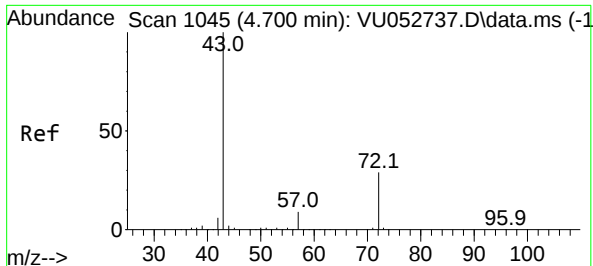
Tgt Ion: 43 Resp: 10727
 Ion Ratio Lower Upper
 43 100
 86 9.7 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 0.446 ug/l
 RT: 3.867 min Scan# 786
 Delta R.T. 0.003 min
 Lab File: VU052745.D
 Acq: 19 Jan 2023 19:07

Tgt Ion: 63 Resp: 2008
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.9#
 100 0.0 2.2 6.6#





#25

2-Butanone

Concen: 1.957 ug/l

RT: 4.732 min Scan# 1055

Delta R.T. 0.032 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

Instrument :

MSVOA_U

ClientSampleId :

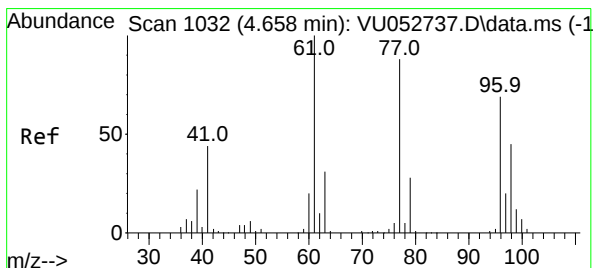
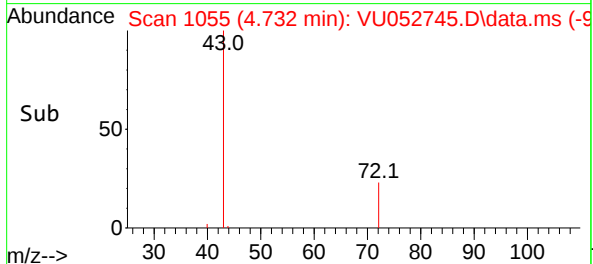
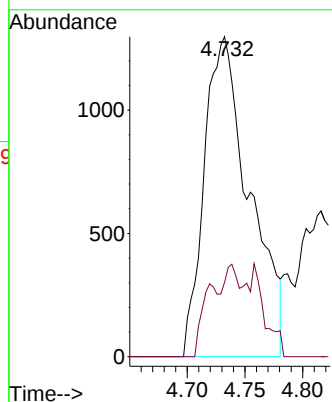
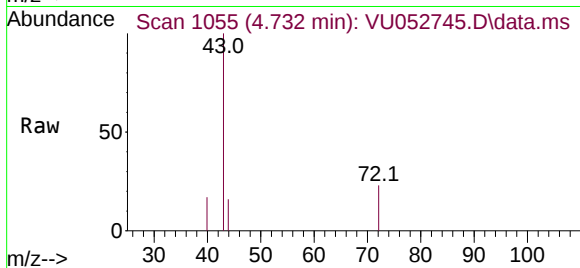
MDL04

Tgt Ion: 43 Resp: 3530

Ion Ratio Lower Upper

43 100

72 23.2 23.3 34.9#



#26

2,2-Dichloropropane

Concen: 0.403 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VU052745.D

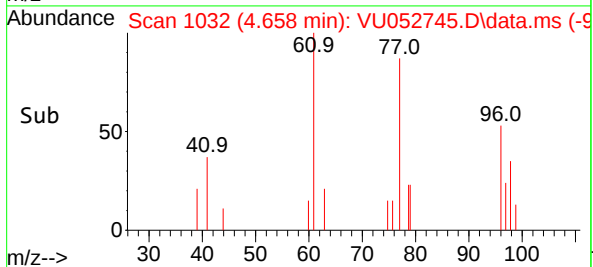
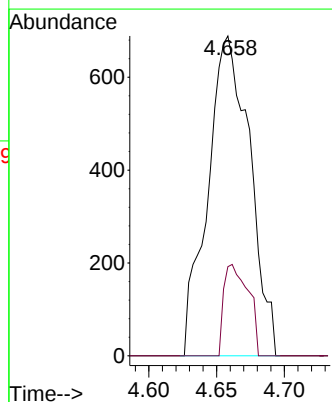
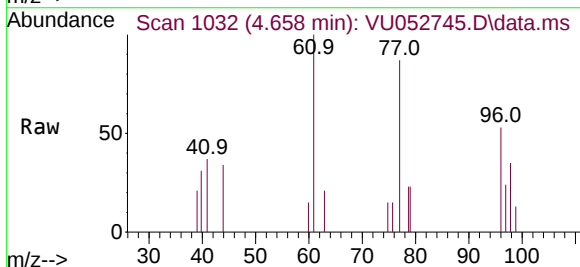
Acq: 19 Jan 2023 19:07

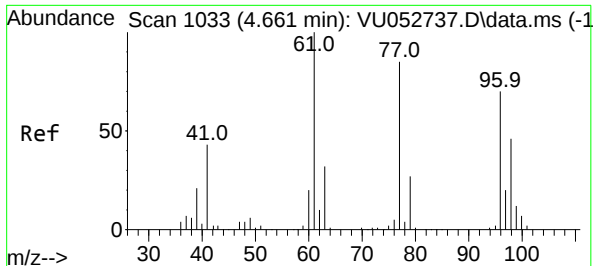
Tgt Ion: 77 Resp: 1489

Ion Ratio Lower Upper

77 100

97 16.6 11.3 33.8

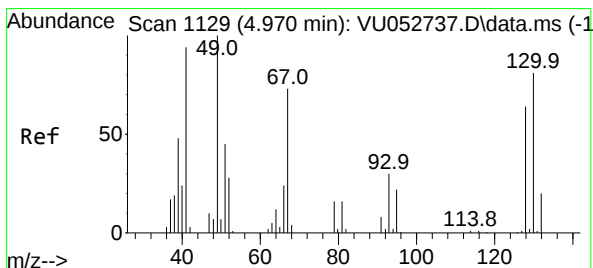
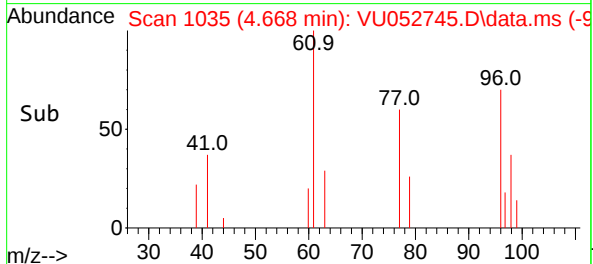
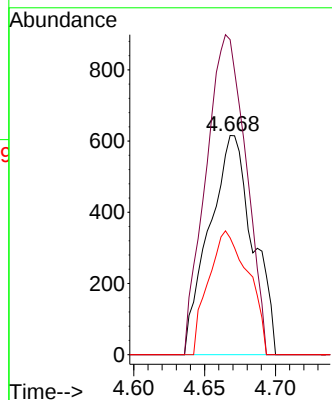
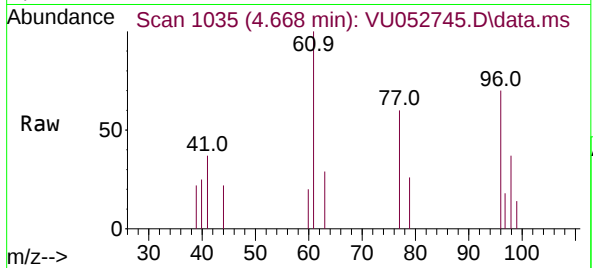




#27
cis-1,2-Dichloroethene
Concen: 0.514 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. 0.007 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

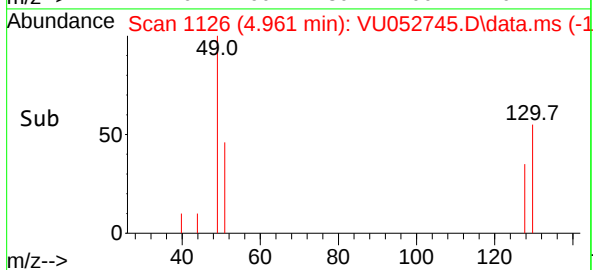
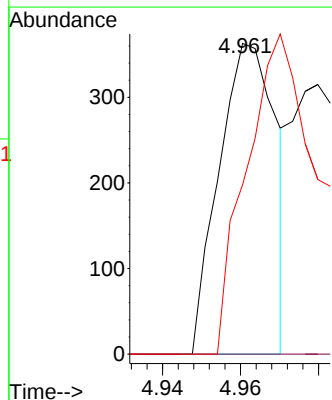
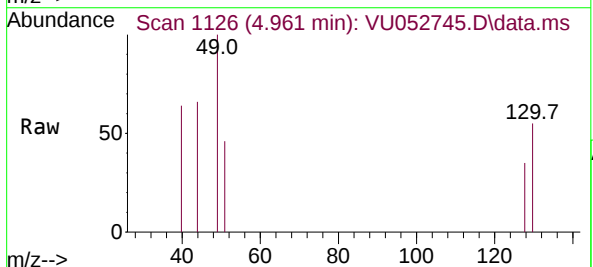
Instrument :
MSVOA_U
ClientSampleId :
MDL04

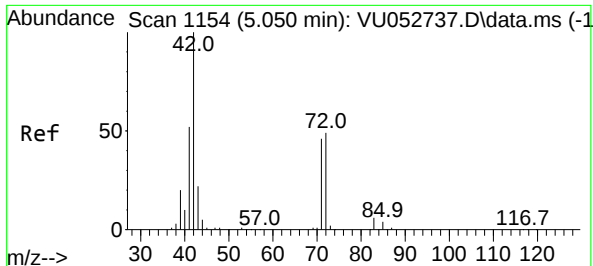
Tgt Ion: 96 Resp: 1317
Ion Ratio Lower Upper
96 100
61 134.1 0.0 287.2
98 51.9 0.0 128.4



#28
Bromochloromethane
Concen: 0.196 ug/l
RT: 4.961 min Scan# 1126
Delta R.T. -0.010 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Tgt Ion: 49 Resp: 368
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 146.5 65.5 98.3#





#29

Tetrahydrofuran

Concen: 1.729 ug/l

RT: 5.067 min Scan# 1159

Delta R.T. 0.016 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

Instrument :

MSVOA_U

ClientSampleId :

MDL04

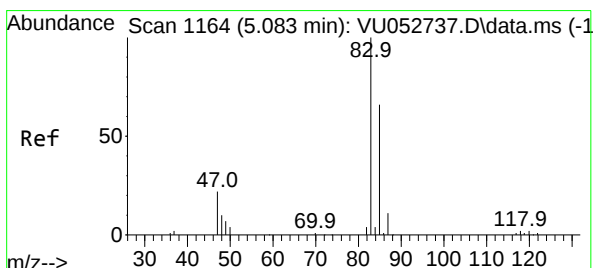
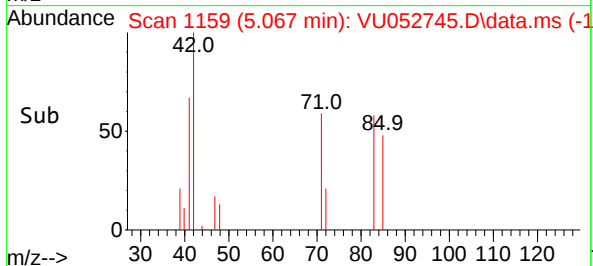
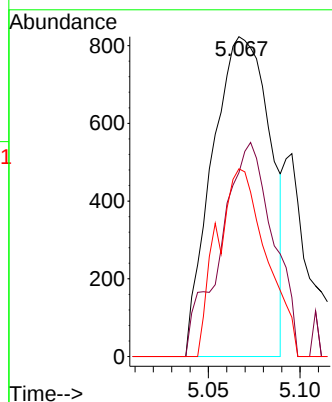
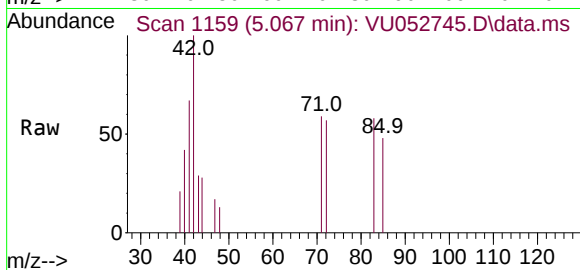
Tgt Ion: 42 Resp: 1810

Ion Ratio Lower Upper

42 100

72 60.6 40.5 60.7

71 49.9 37.4 56.0



#30

Chloroform

Concen: 0.496 ug/l

RT: 5.079 min Scan# 1163

Delta R.T. -0.003 min

Lab File: VU052745.D

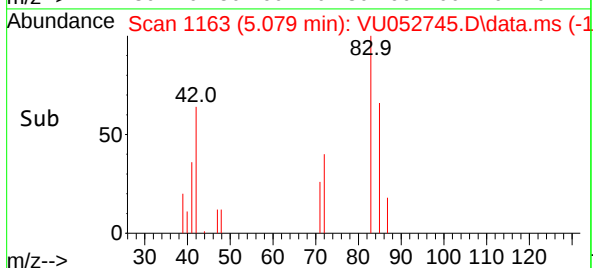
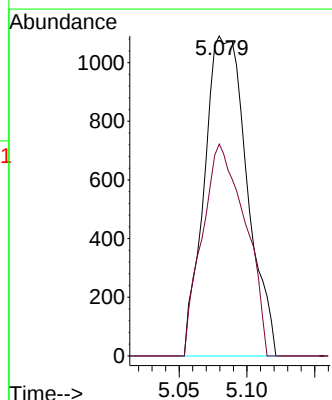
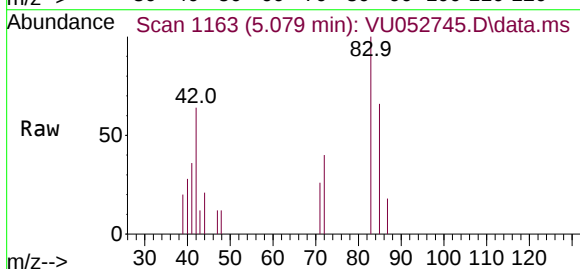
Acq: 19 Jan 2023 19:07

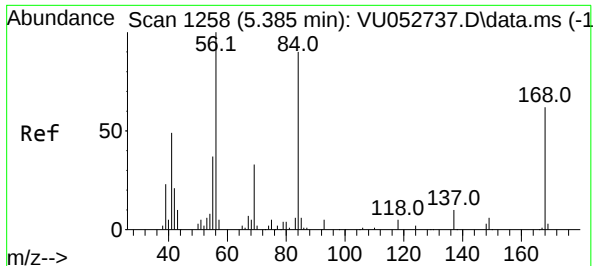
Tgt Ion: 83 Resp: 2388

Ion Ratio Lower Upper

83 100

85 66.2 52.6 79.0

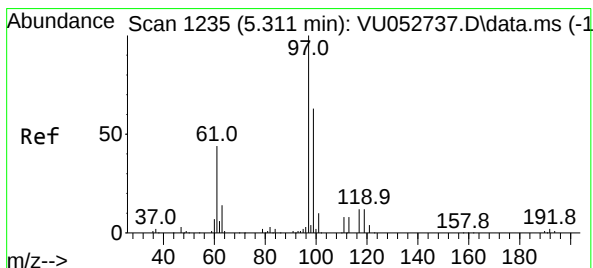
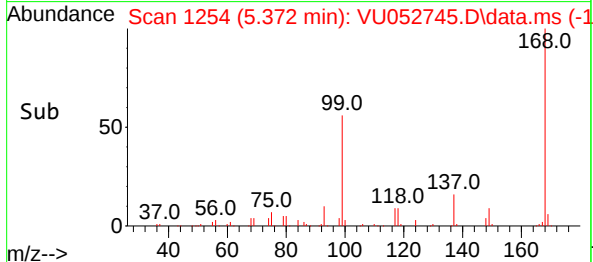
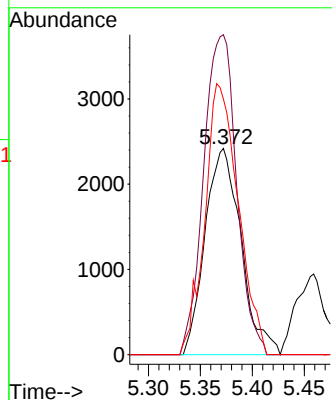
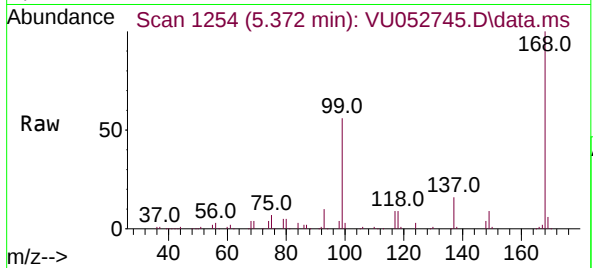




#31
Cyclohexane
Concen: 1.420 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.013 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

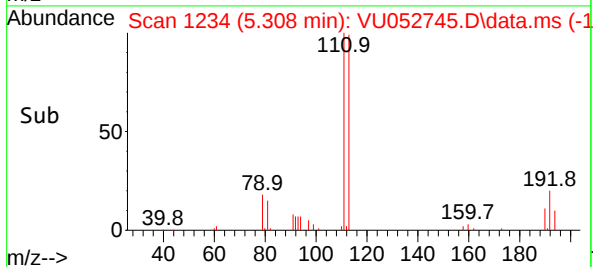
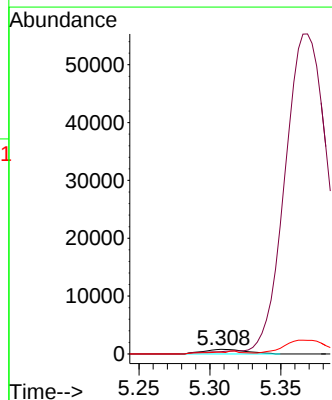
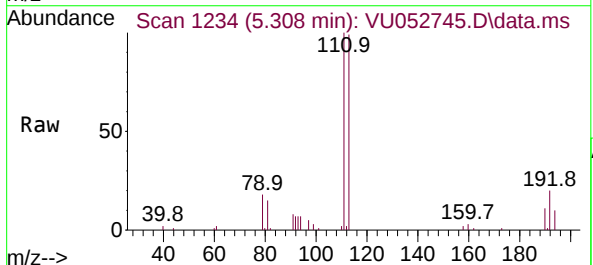
Instrument :
MSVOA_U
ClientSampleId :
MDL04

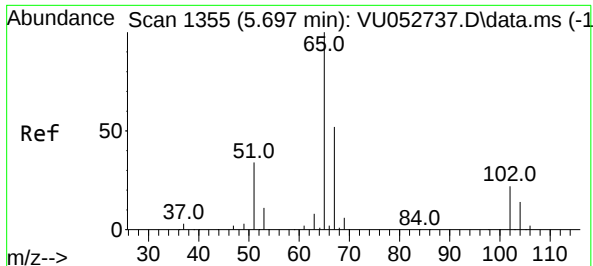
Tgt Ion: 56 Resp: 5837
Ion Ratio Lower Upper
56 100
69 155.2 26.2 39.2#
84 124.0 72.2 108.4#



#32
1,1,1-Trichloroethane
Concen: 0.421 ug/l
RT: 5.308 min Scan# 1234
Delta R.T. -0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Tgt Ion: 97 Resp: 1658
Ion Ratio Lower Upper
97 100
99 0.0 50.5 75.7#
61 45.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 51.977 ug/l

RT: 5.697 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

Instrument :

MSVOA_U

ClientSampleId :

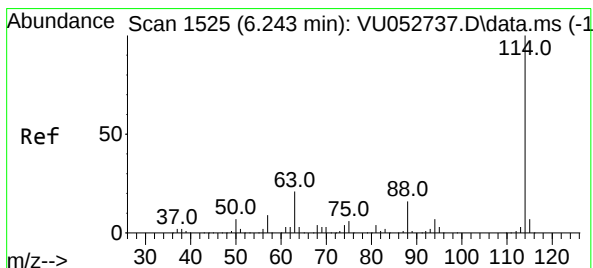
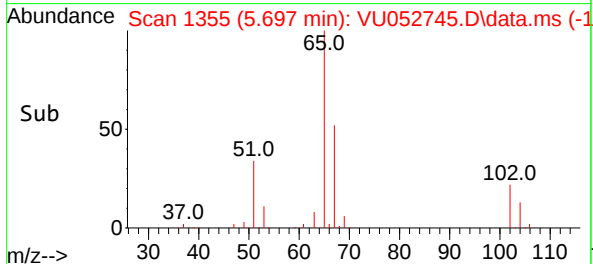
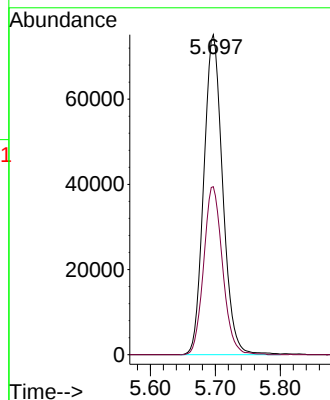
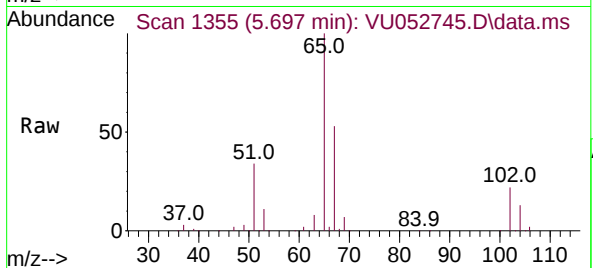
MDL04

Tgt Ion: 65 Resp: 152517

Ion Ratio Lower Upper

65 100

67 52.4 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: VU052745.D

Acq: 19 Jan 2023 19:07

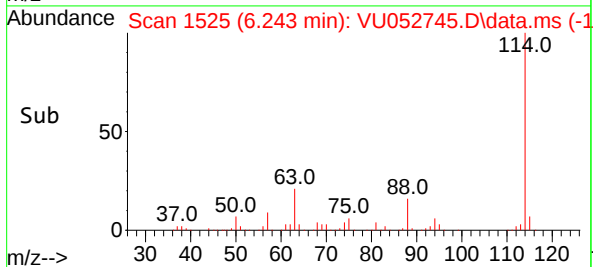
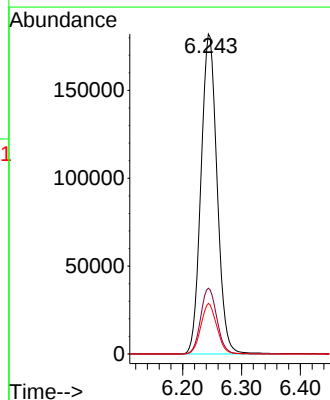
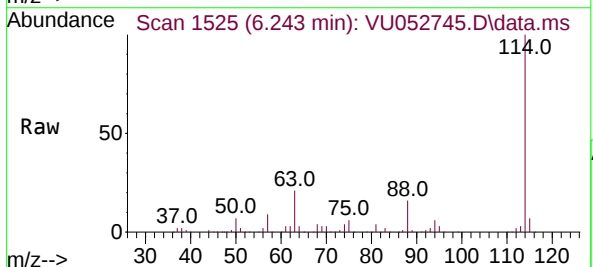
Tgt Ion: 114 Resp: 344983

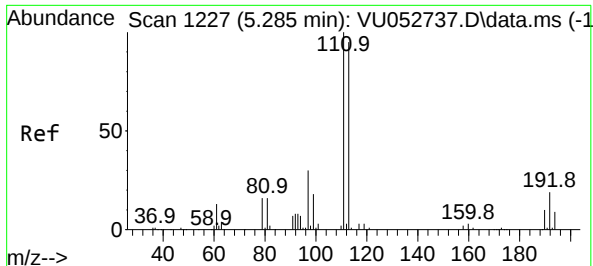
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.4

88 15.8 0.0 32.8

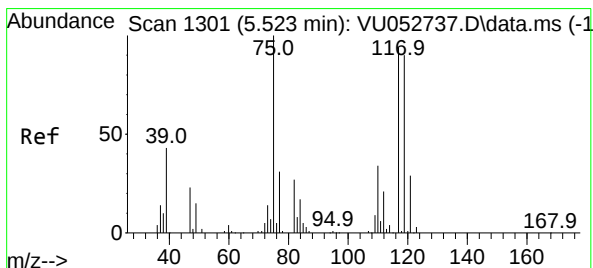
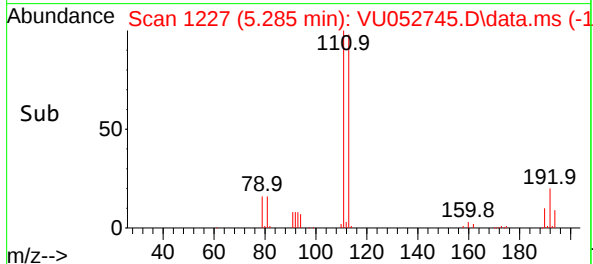
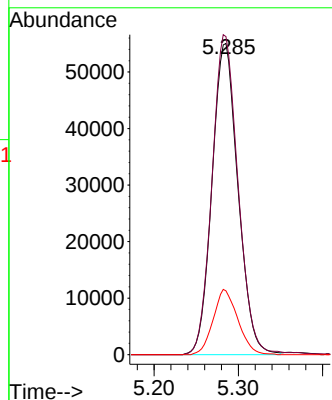
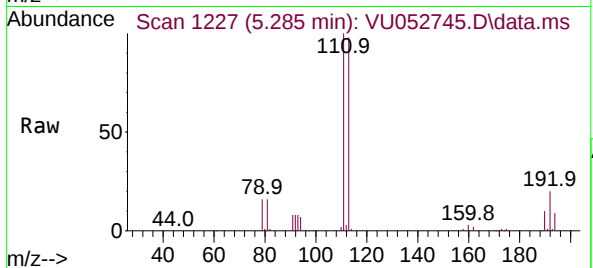




#35
Dibromofluoromethane
Concen: 49.053 ug/l
RT: 5.285 min Scan# 117833
Delta R.T. 0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

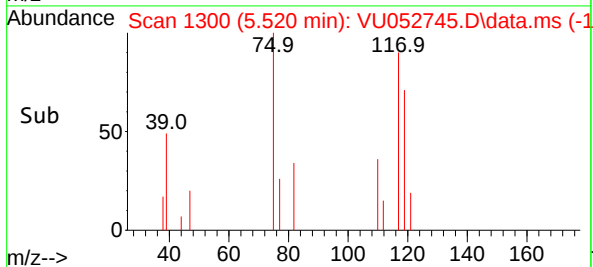
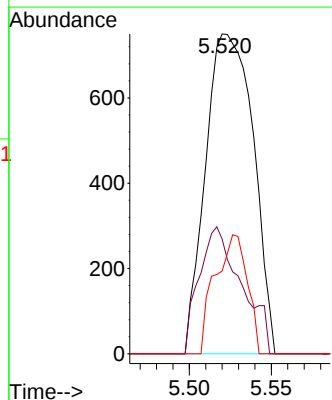
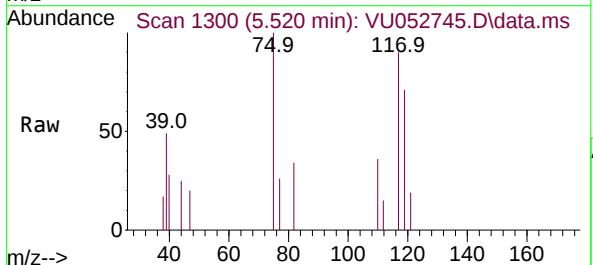
Instrument :
MSVOA_U
ClientSampleId :
MDL04

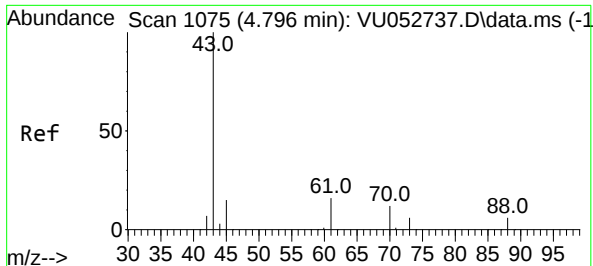
Tgt Ion:113 Resp: 117833
Ion Ratio Lower Upper
113 100
111 103.0 81.2 121.8
192 19.9 15.7 23.5



#36
1,1-Dichloropropene
Concen: 0.440 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. -0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Tgt Ion: 75 Resp: 1515
Ion Ratio Lower Upper
75 100
110 35.2 17.1 51.2
77 25.1 25.0 37.4





#37

Ethyl Acetate

Concen: 0.460 ug/l

RT: 4.816 min Scan# 1

Delta R.T. 0.019 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

Instrument :

MSVOA_U

ClientSampleId :

MDL04

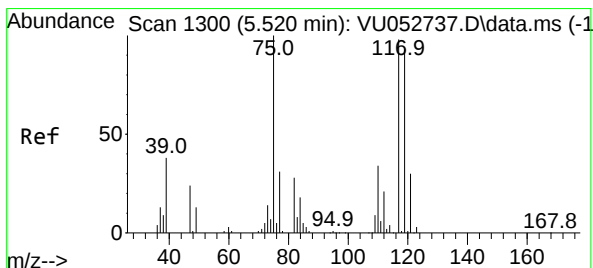
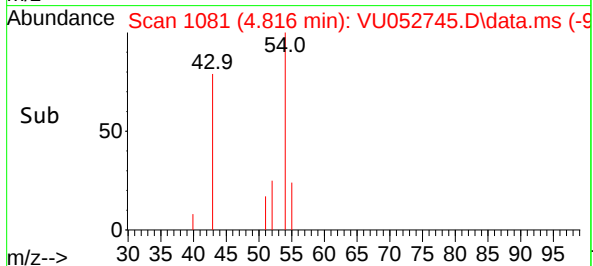
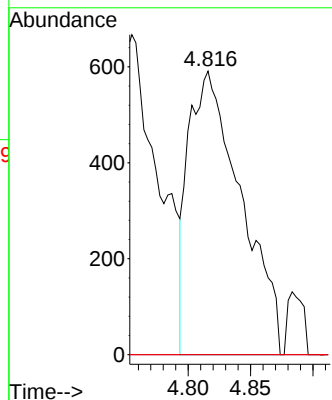
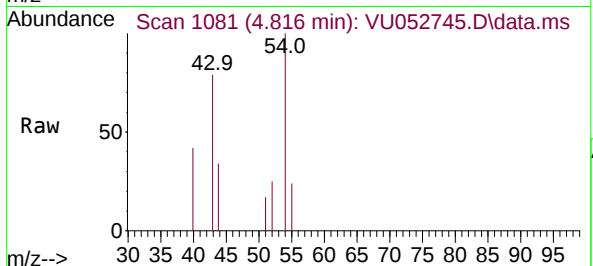
Tgt Ion: 43 Resp: 1722

Ion Ratio Lower Upper

43 100

61 0.0 12.2 18.4#

70 0.0 8.9 13.3#



#38

Carbon Tetrachloride

Concen: 0.389 ug/l

RT: 5.517 min Scan# 1299

Delta R.T. -0.003 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

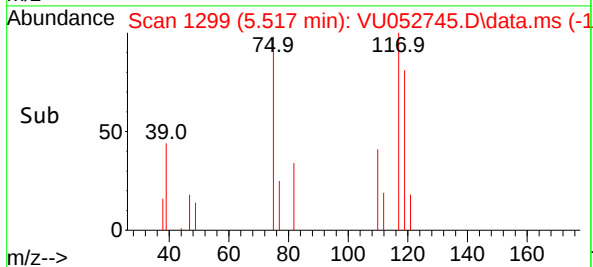
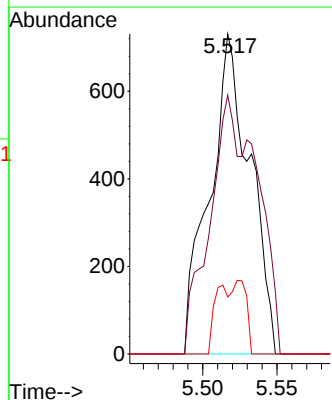
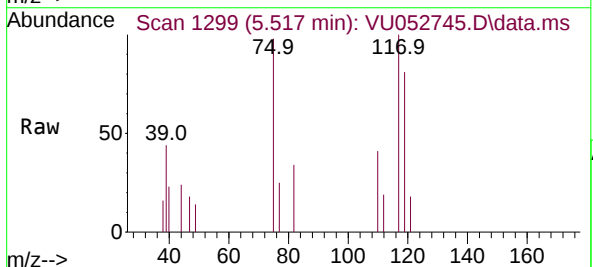
Tgt Ion: 117 Resp: 1378

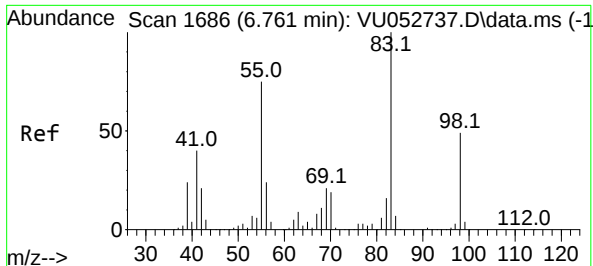
Ion Ratio Lower Upper

117 100

119 80.8 75.6 113.4

121 17.8 24.2 36.4#





#39

Methylcyclohexane

Concen: 0.465 ug/l

RT: 6.761 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

Instrument :

MSVOA_U

ClientSampleId :

MDL04

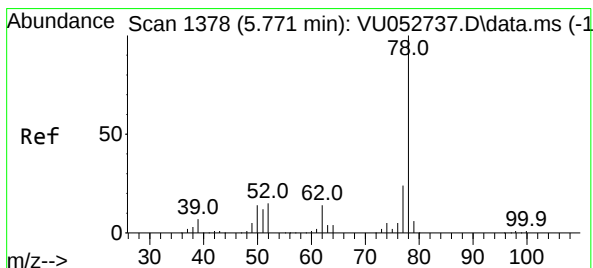
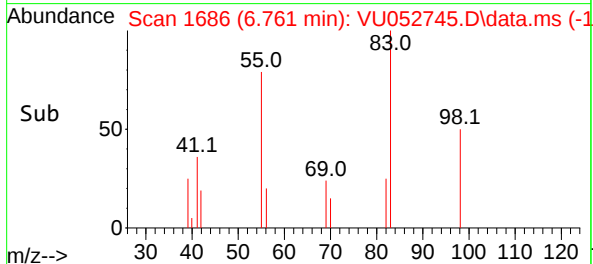
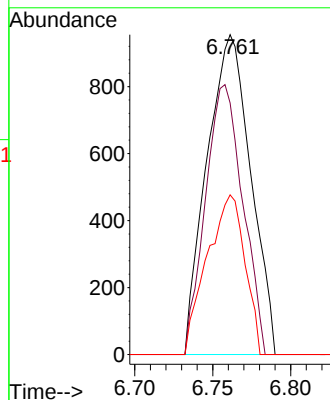
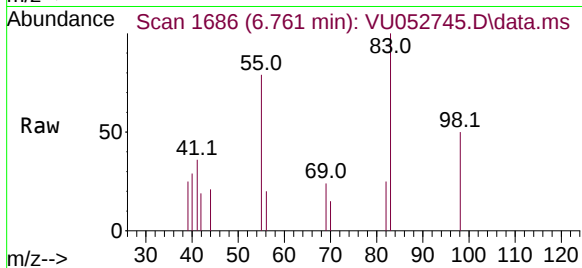
Tgt Ion: 83 Resp: 1866

Ion Ratio Lower Upper

83 100

55 78.6 60.4 90.6

98 49.9 38.9 58.3



#40

Benzene

Concen: 0.423 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. 0.003 min

Lab File: VU052745.D

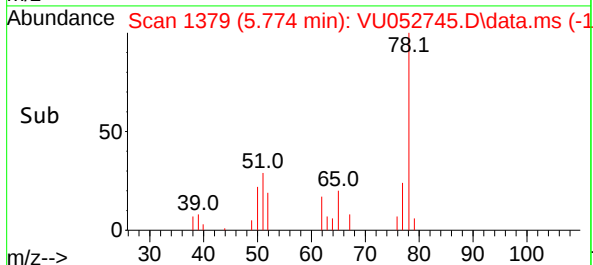
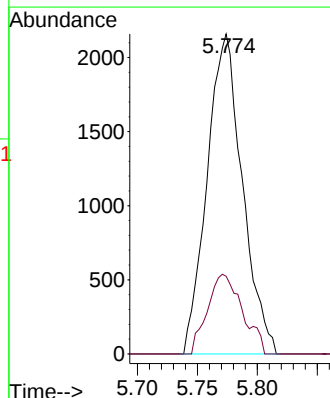
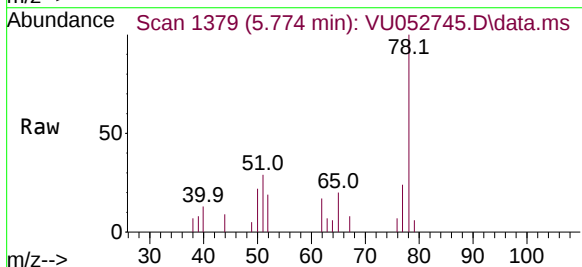
Acq: 19 Jan 2023 19:07

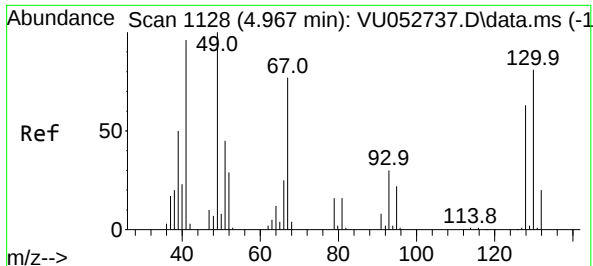
Tgt Ion: 78 Resp: 4404

Ion Ratio Lower Upper

78 100

77 24.3 18.9 28.3

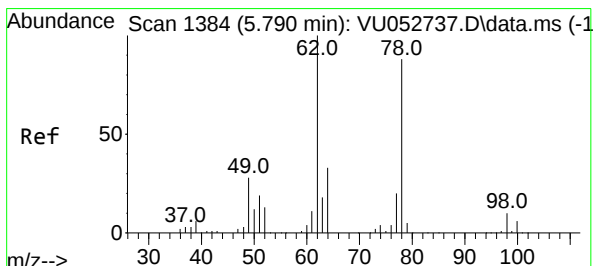
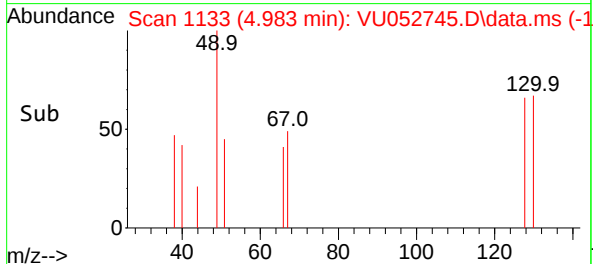
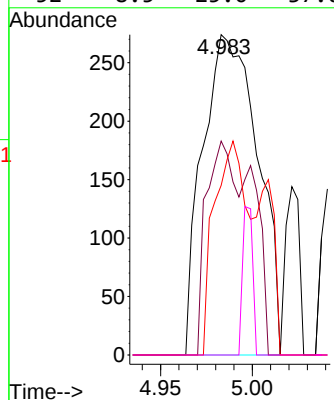
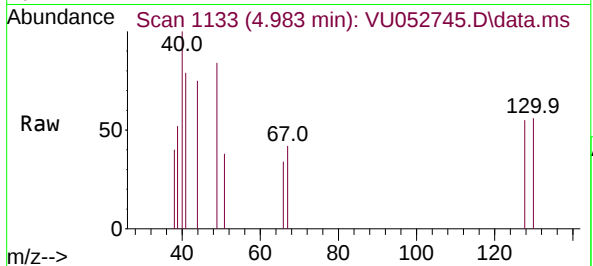




#41
Methacrylonitrile
Concen: 0.317 ug/l
RT: 4.983 min Scan# 1133
Delta R.T. 0.016 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

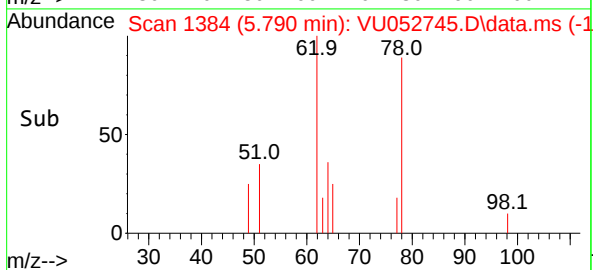
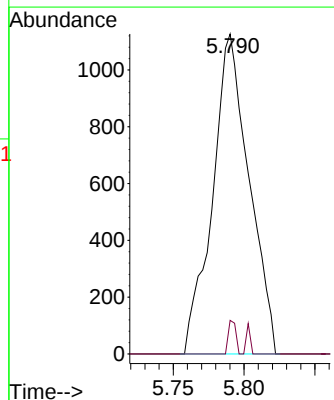
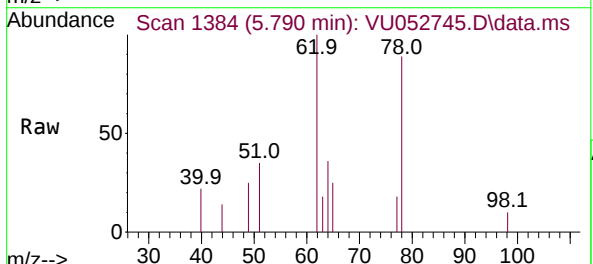
Instrument :
MSVOA_U
ClientSampleId :
MDL04

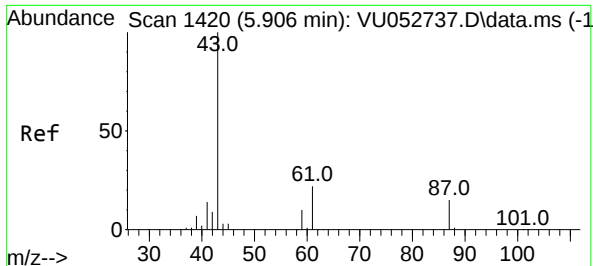
Tgt Ion: 41	Resp: 574
Ion Ratio	Lower Upper
41 100	
39 36.2	42.2 63.2#
67 38.7	65.0 97.6#
52 8.5	25.0 37.6#



#42
1,2-Dichloroethane
Concen: 0.539 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Tgt Ion: 62	Resp:	2025	
Ion	Ratio	Lower	Upper
62	100		
98	2.2	0.0	19.0





#43

Isopropyl Acetate

Concen: 0.439 ug/l

RT: 5.915 min Scan# 1423

Delta R.T. 0.010 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

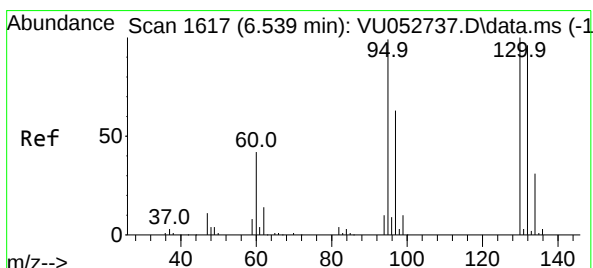
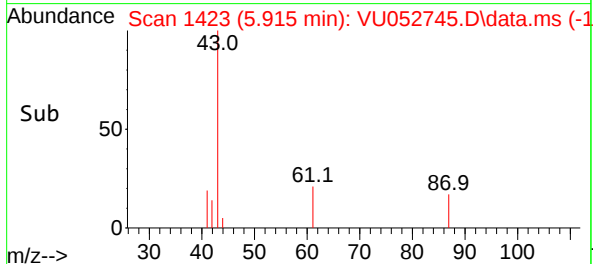
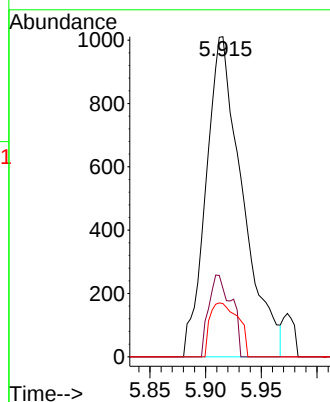
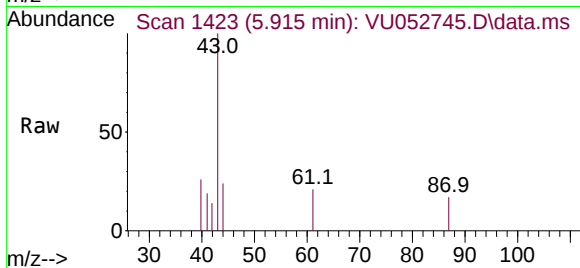
Instrument :

MSVOA_U

ClientSampleId :

MDL04

Tgt Ion: 43	Resp: 2295
Ion Ratio	Lower Upper
43	100
61	15.9 18.1 27.1#
87	12.9 11.7 17.5



#44

Trichloroethene

Concen: 0.498 ug/l

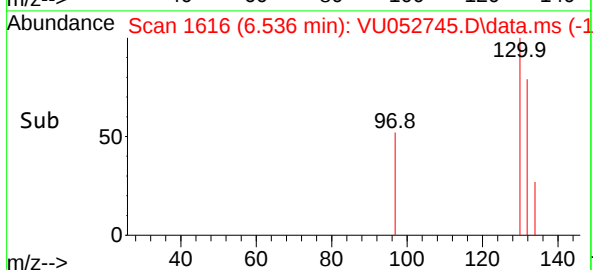
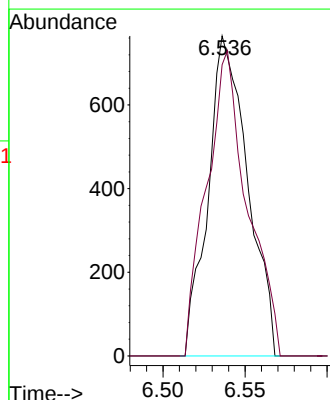
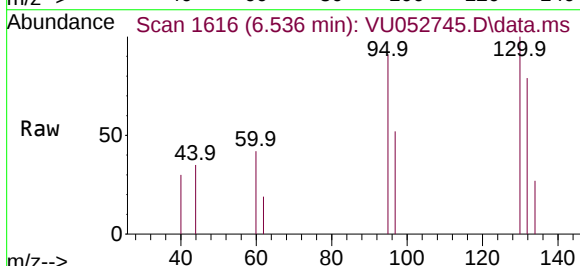
RT: 6.536 min Scan# 1616

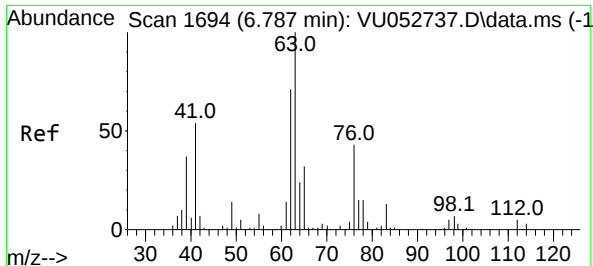
Delta R.T. -0.003 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

Tgt Ion: 130	Resp: 1282
Ion Ratio	Lower Upper
130	100
95	91.0 0.0 198.2





#45

1,2-Dichloropropane

Concen: 0.414 ug/l

RT: 6.790 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

Instrument :

MSVOA_U

ClientSampleId :

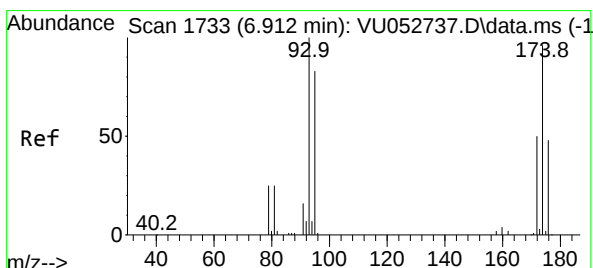
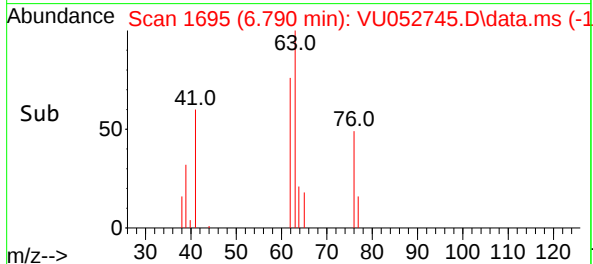
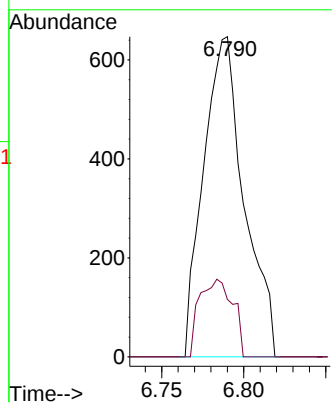
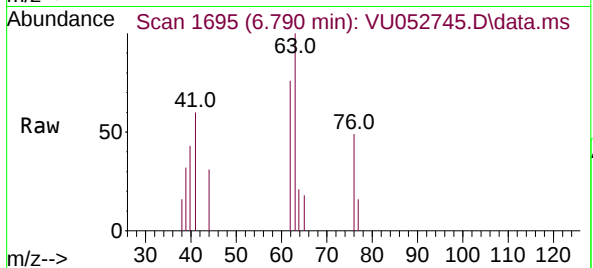
MDL04

Tgt Ion: 63 Resp: 1112

Ion Ratio Lower Upper

63 100

65 17.9 26.0 39.0#



#46

Dibromomethane

Concen: 0.515 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.010 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

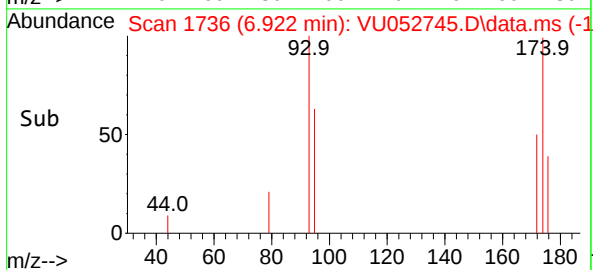
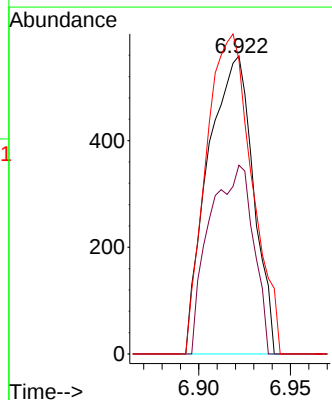
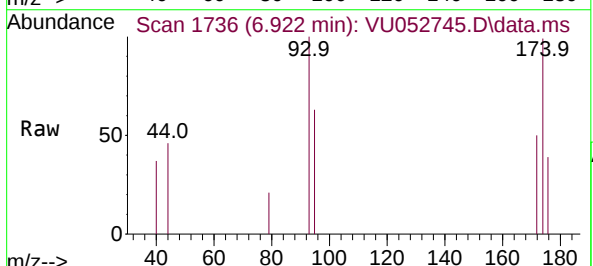
Tgt Ion: 93 Resp: 958

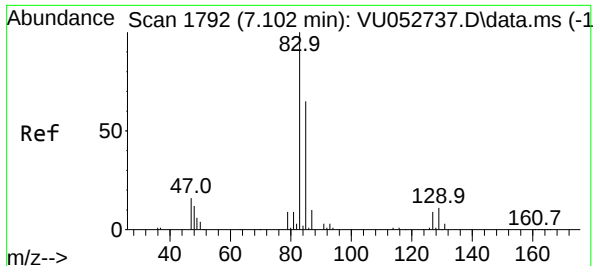
Ion Ratio Lower Upper

93 100

95 61.4 66.6 99.8#

174 108.7 78.6 117.8





#47

Bromodichloromethane

Concen: 0.397 ug/l

RT: 7.105 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

Instrument :

MSVOA_U

ClientSampleId :

MDL04

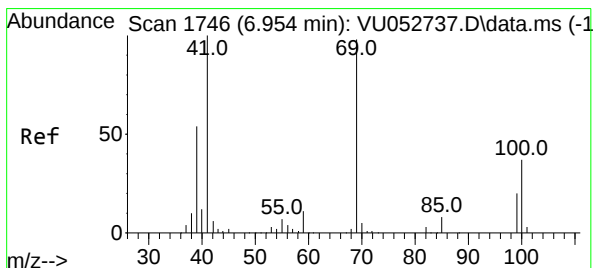
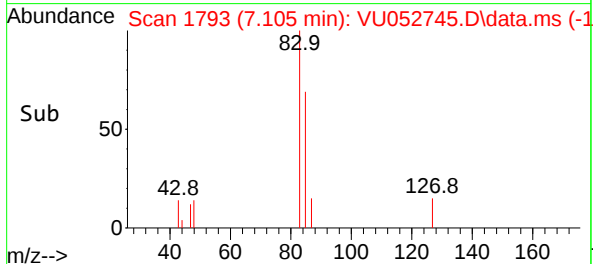
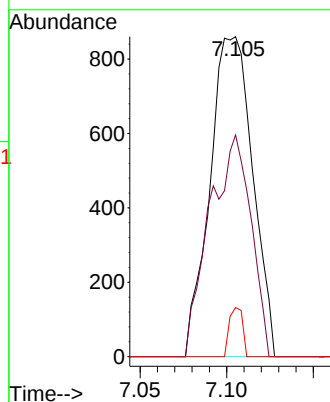
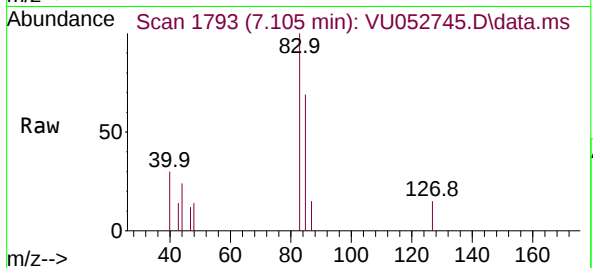
Tgt Ion: 83 Resp: 1477

Ion Ratio Lower Upper

83 100

85 69.3 51.6 77.4

127 15.3 6.9 10.3#



#48

Methyl methacrylate

Concen: 0.463 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. 0.010 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

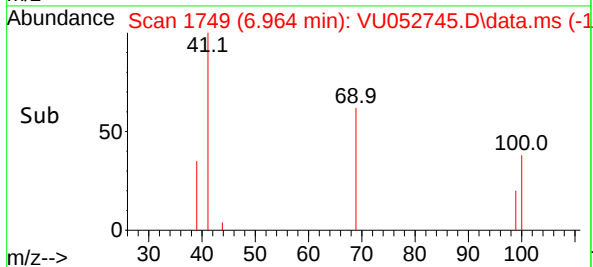
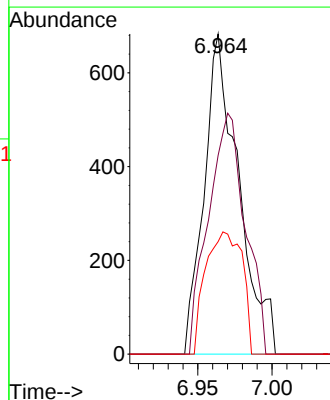
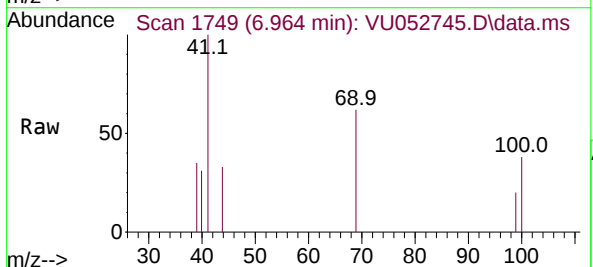
Tgt Ion: 41 Resp: 1103

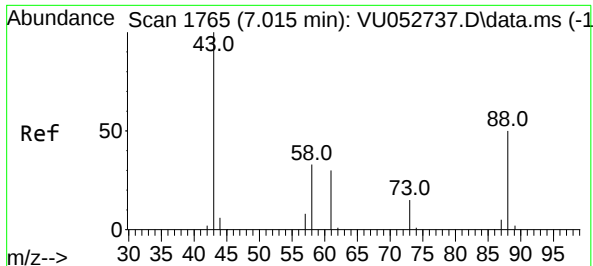
Ion Ratio Lower Upper

41 100

69 80.8 77.2 115.8

39 40.4 42.9 64.3#





#49

1,4-Dioxane

Concen: 2.971 ug/l

RT: 7.031 min Scan# 1

Delta R.T. 0.016 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

Instrument :

MSVOA_U

ClientSampleId :

MDL04

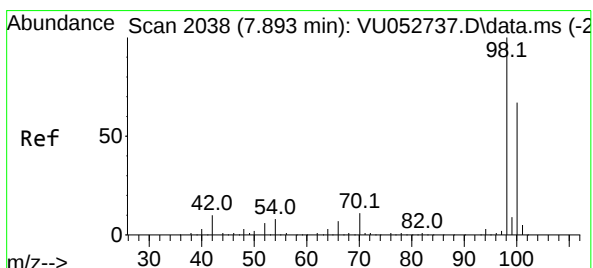
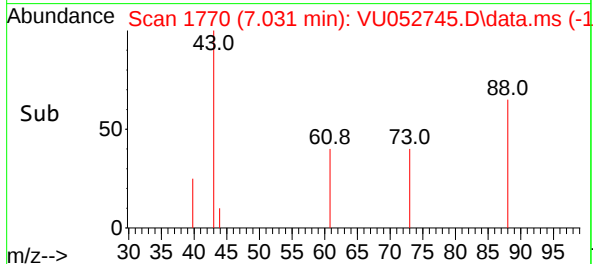
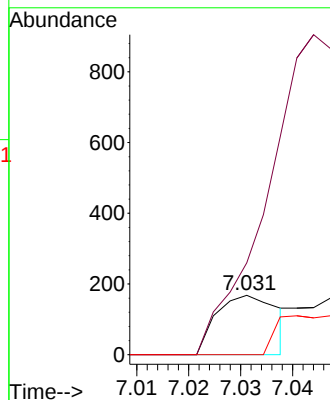
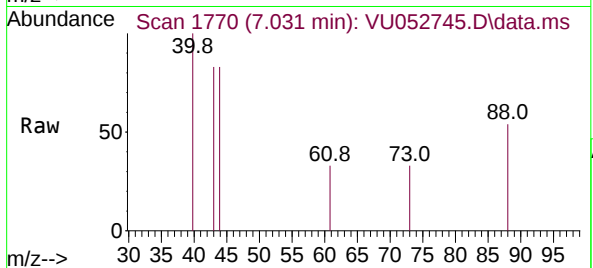
Tgt Ion: 88 Resp: 137

Ion Ratio Lower Upper

88 100

43 0.0 374.7 562.1#

58 0.0 59.2 88.8#



#50

Toluene-d8

Concen: 46.686 ug/l

RT: 7.893 min Scan# 2038

Delta R.T. 0.000 min

Lab File: VU052745.D

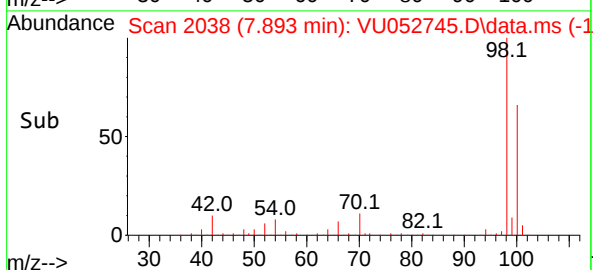
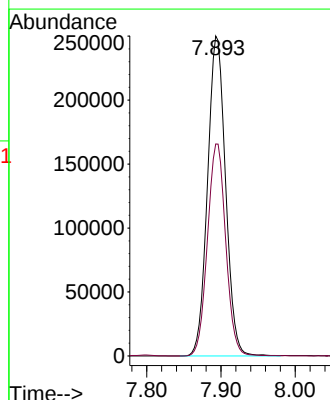
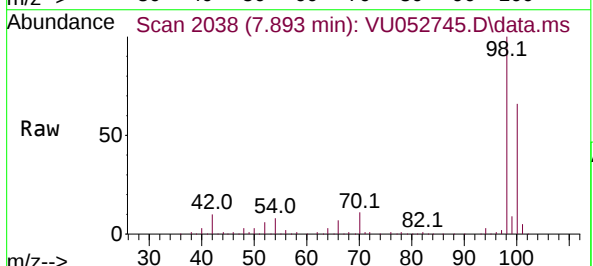
Acq: 19 Jan 2023 19:07

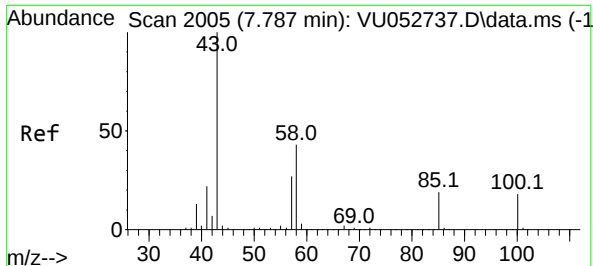
Tgt Ion: 98 Resp: 420572

Ion Ratio Lower Upper

98 100

100 67.2 53.7 80.5





#51

4-Methyl-2-Pentanone

Concen: 2.137 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.007 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

Instrument :

MSVOA_U

ClientSampleId :

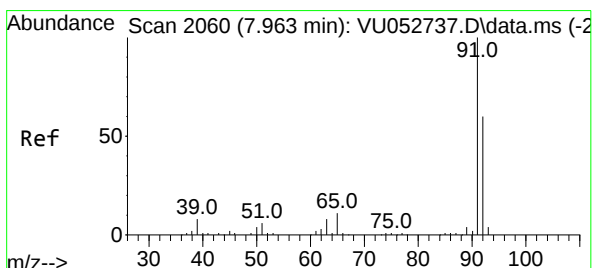
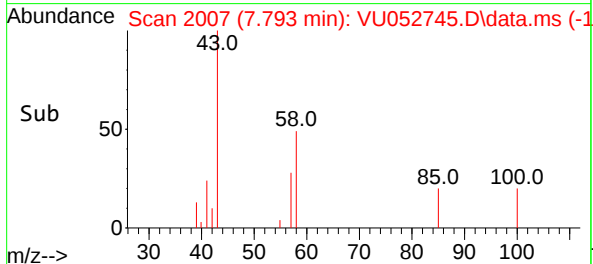
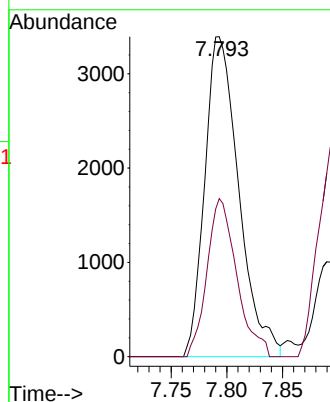
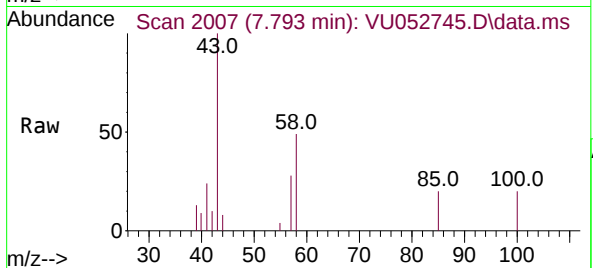
MDL04

Tgt Ion: 43 Resp: 7222

Ion Ratio Lower Upper

43 100

58 43.1 34.6 52.0



#52

Toluene

Concen: 0.487 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU052745.D

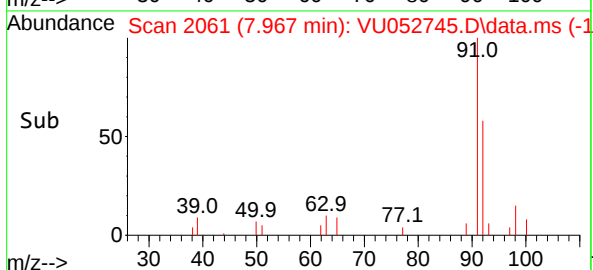
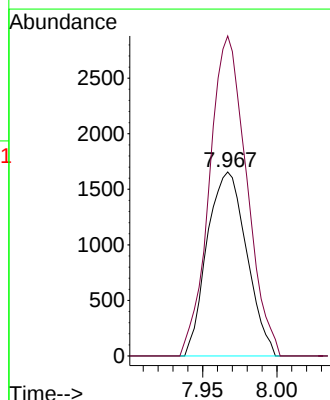
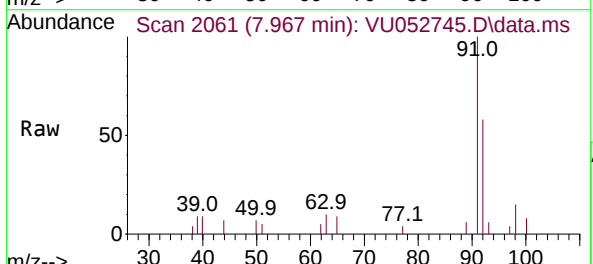
Acq: 19 Jan 2023 19:07

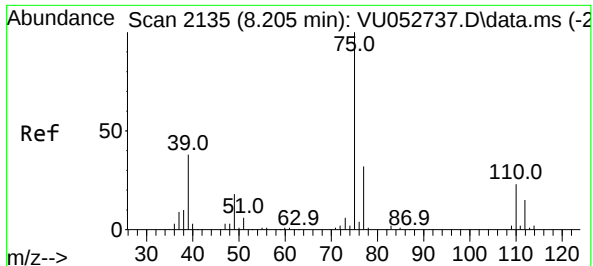
Tgt Ion: 92 Resp: 3063

Ion Ratio Lower Upper

92 100

91 163.9 134.9 202.3





#53

t-1,3-Dichloropropene

Concen: 0.416 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.007 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

Instrument :

MSVOA_U

ClientSampleId :

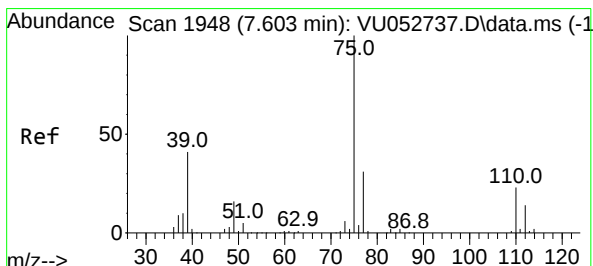
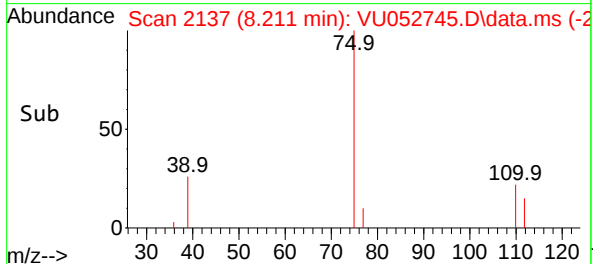
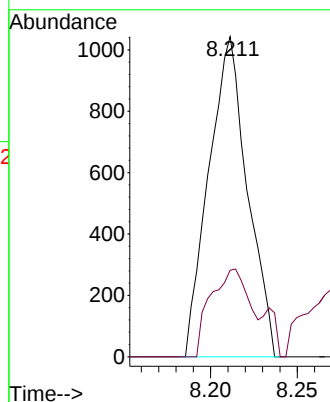
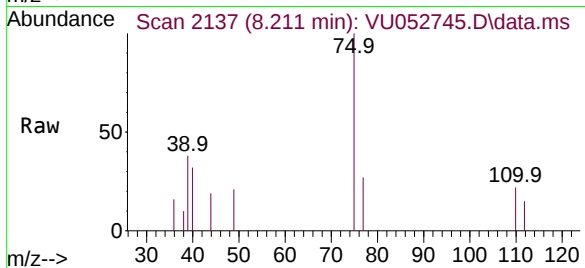
MDL04

Tgt Ion: 75 Resp: 1616

Ion Ratio Lower Upper

75 100

77 27.0 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 0.412 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

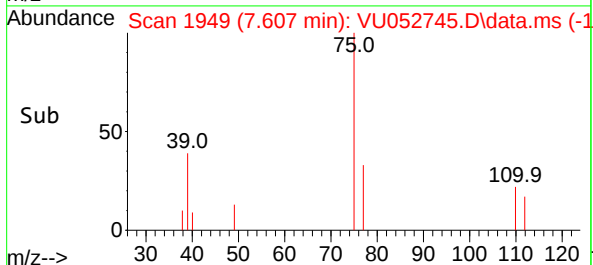
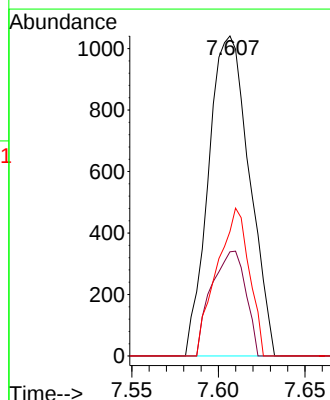
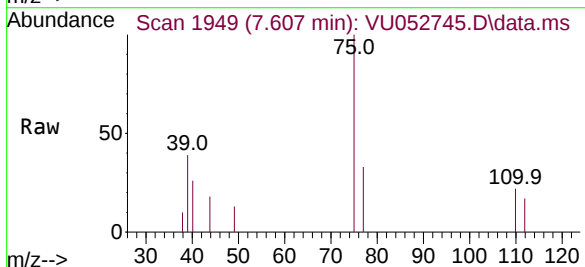
Tgt Ion: 75 Resp: 1709

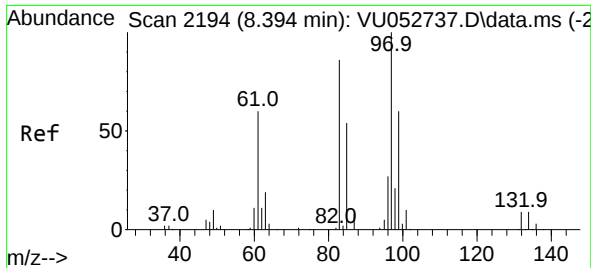
Ion Ratio Lower Upper

75 100

77 32.6 25.0 37.6

39 38.9 32.9 49.3

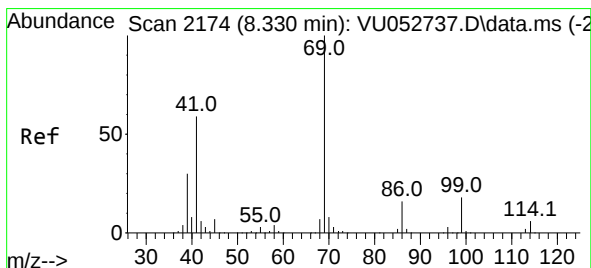
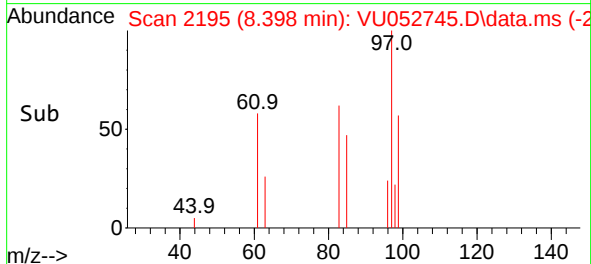
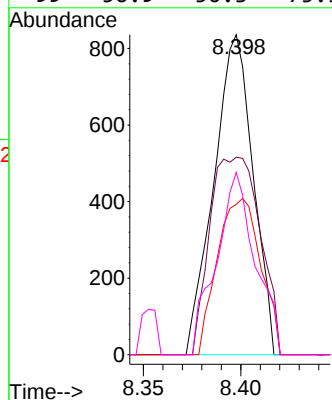
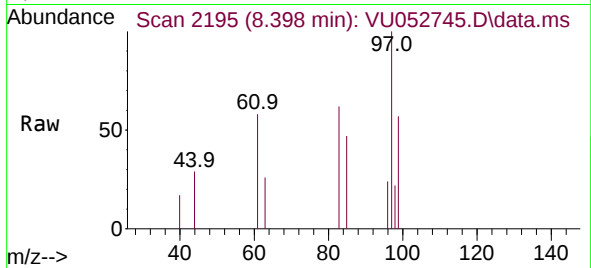




#55
 1,1,2-Trichloroethane
 Concen: 0.455 ug/l
 RT: 8.398 min Scan# 2195
 Delta R.T. 0.004 min
 Lab File: VU052745.D
 Acq: 19 Jan 2023 19:07

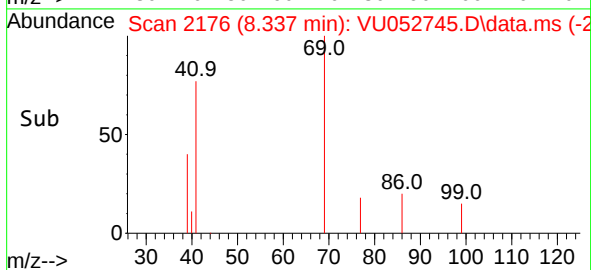
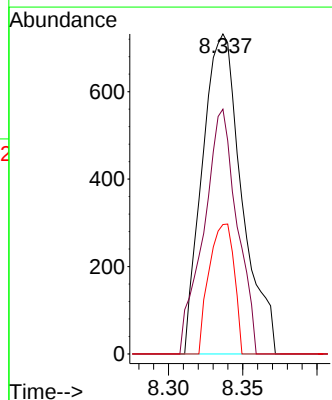
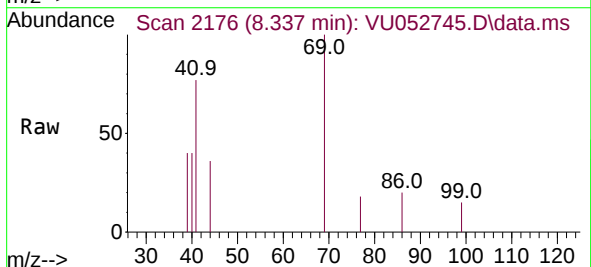
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04

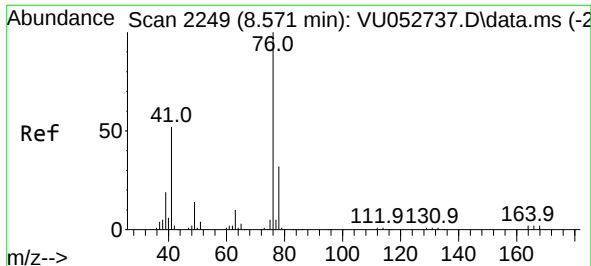
Tgt Ion: 97	Resp:	1168	
Ion	Ratio	Lower	Upper
97	100		
83	61.7	69.2	103.8#
85	47.0	43.8	65.8
99	56.9	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 0.375 ug/l
 RT: 8.337 min Scan# 2176
 Delta R.T. 0.007 min
 Lab File: VU052745.D
 Acq: 19 Jan 2023 19:07

Tgt Ion: 69	Resp: 1356
Ion Ratio	Lower Upper
69 100	
41 64.3	47.6 71.4
39 25.5	24.3 36.5

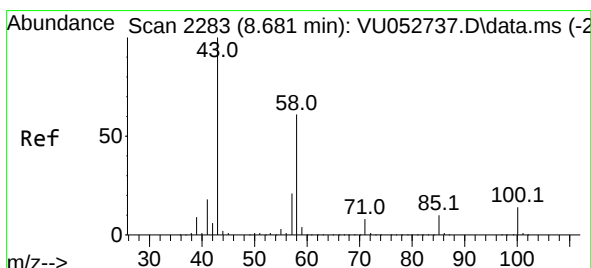
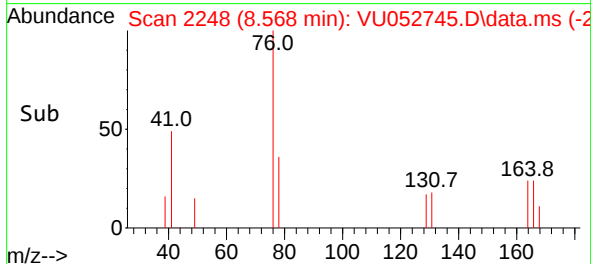
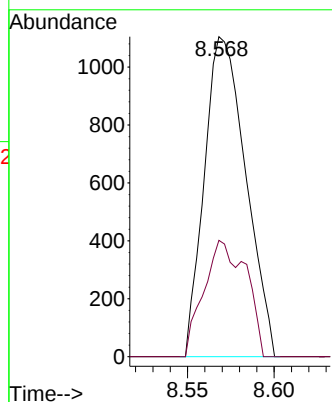
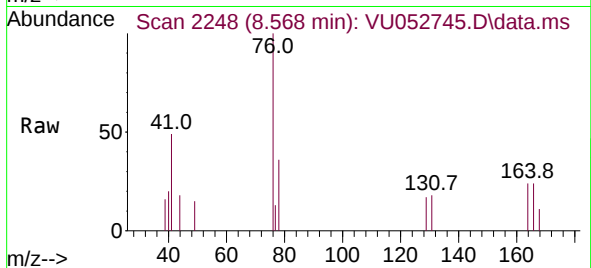




#57
1,3-Dichloropropane
Concen: 0.407 ug/l
RT: 8.568 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

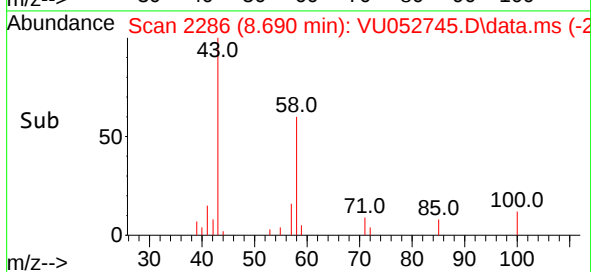
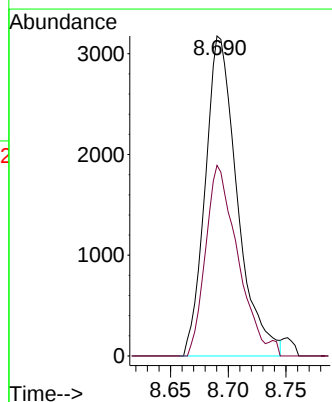
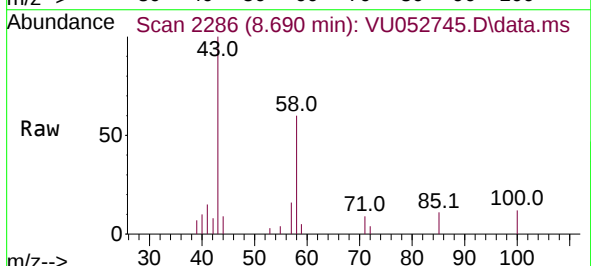
Instrument :
MSVOA_U
ClientSampleId :
MDL04

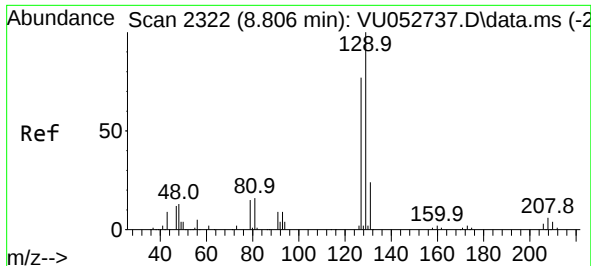
Tgt Ion: 76 Resp: 1835
Ion Ratio Lower Upper
76 100
78 37.0 26.2 39.4



#59
2-Hexanone
Concen: 2.350 ug/l
RT: 8.690 min Scan# 2286
Delta R.T. 0.010 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Tgt Ion: 43 Resp: 6120
Ion Ratio Lower Upper
43 100
58 58.7 29.8 89.5

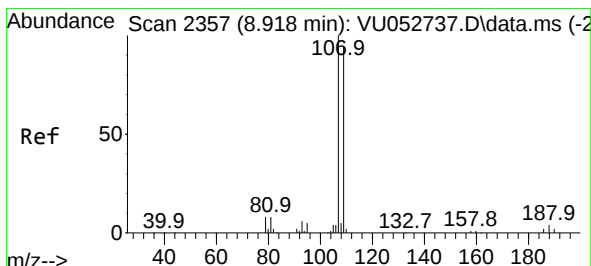
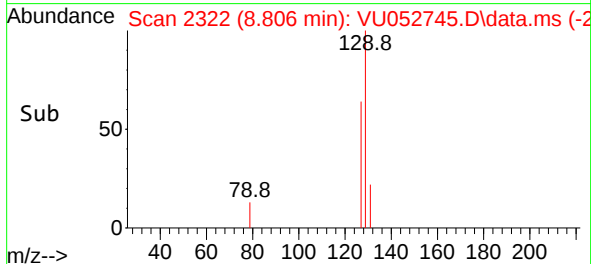
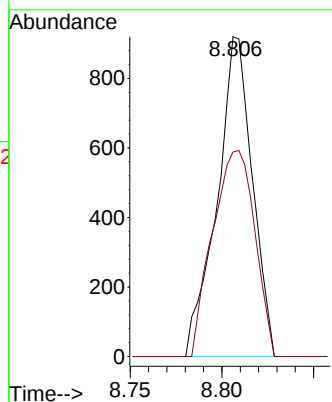
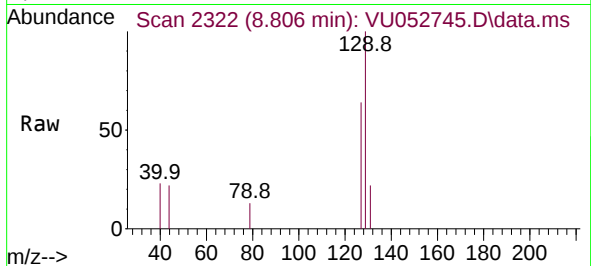




#60
Dibromochloromethane
Concen: 0.435 ug/l
RT: 8.806 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

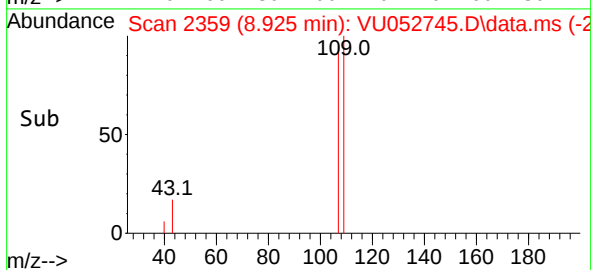
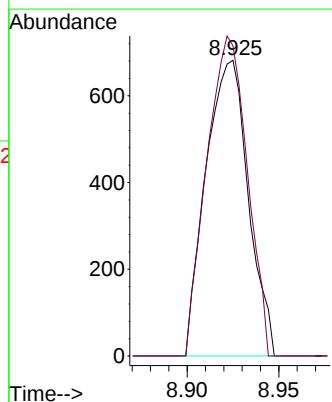
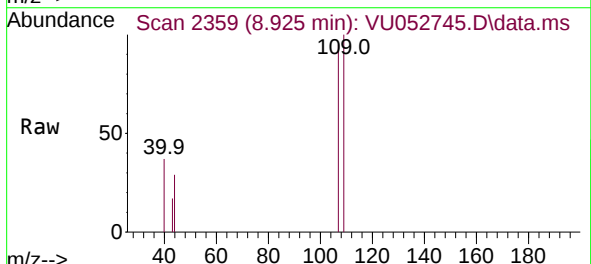
Instrument :
MSVOA_U
ClientSampleId :
MDL04

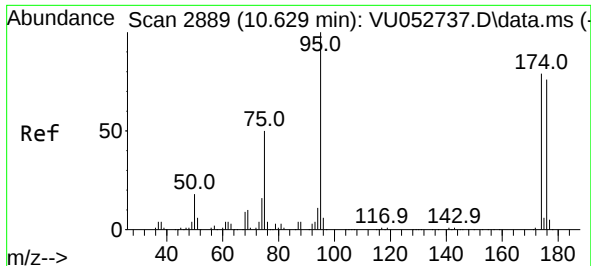
Tgt Ion:129 Resp: 1228
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.2



#61
1,2-Dibromoethane
Concen: 0.407 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.007 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Tgt Ion:107 Resp: 1097
Ion Ratio Lower Upper
107 100
109 103.3 75.0 112.6

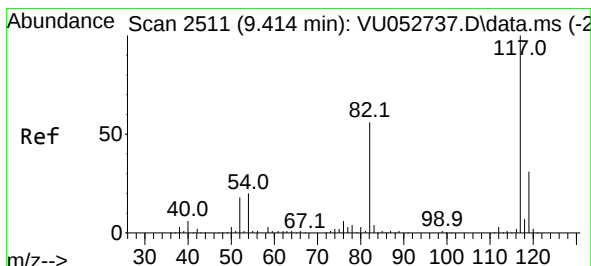
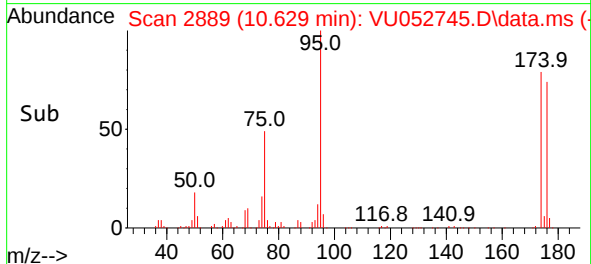
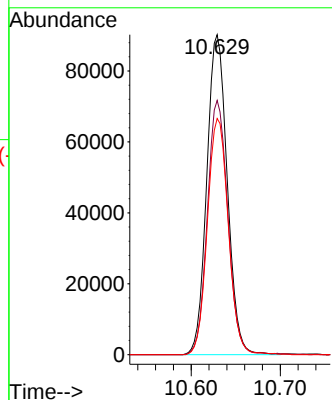
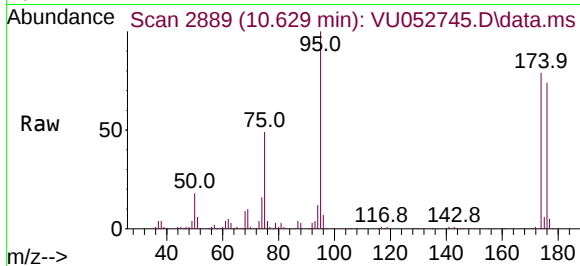




#62
4-Bromofluorobenzene
Concen: 43.747 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

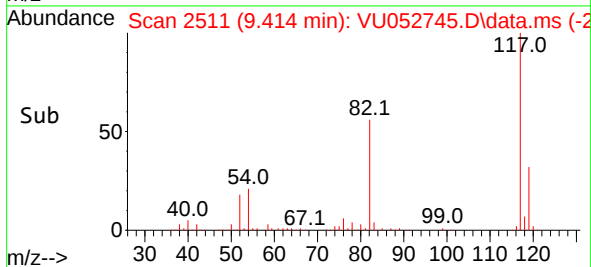
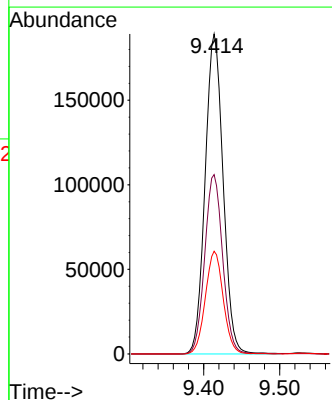
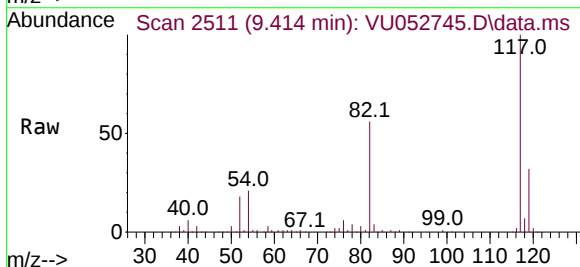
Instrument :
MSVOA_U
ClientSampleId :
MDL04

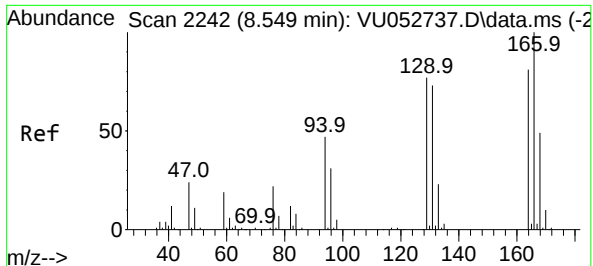
Tgt Ion: 95 Resp: 143962
Ion Ratio Lower Upper
95 100
174 79.6 0.0 158.6
176 75.5 0.0 150.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Tgt Ion: 117 Resp: 311016
Ion Ratio Lower Upper
117 100
82 56.0 44.7 67.1
119 32.1 25.0 37.6

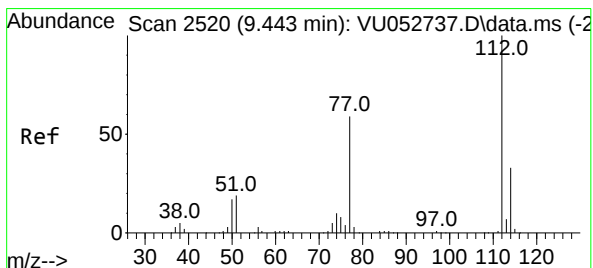
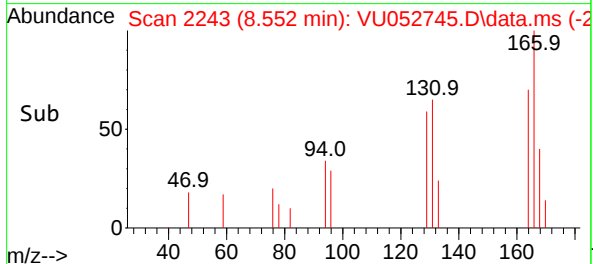
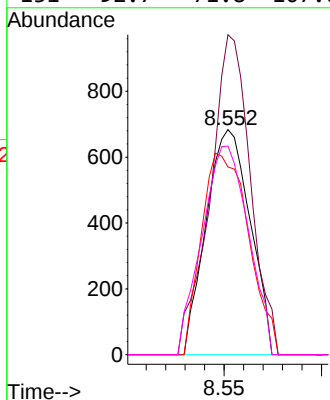
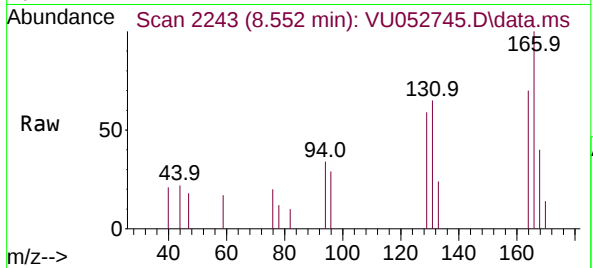




#64
Tetrachloroethene
Concen: 0.497 ug/l
RT: 8.552 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

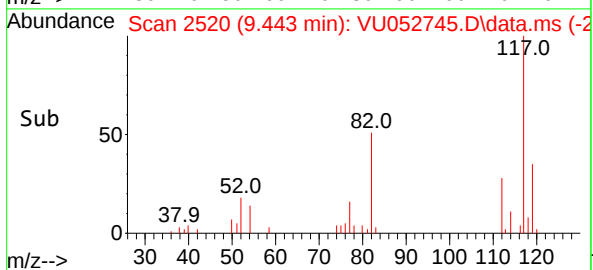
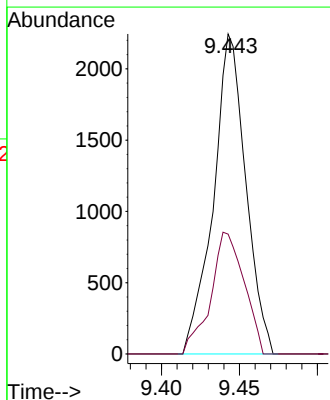
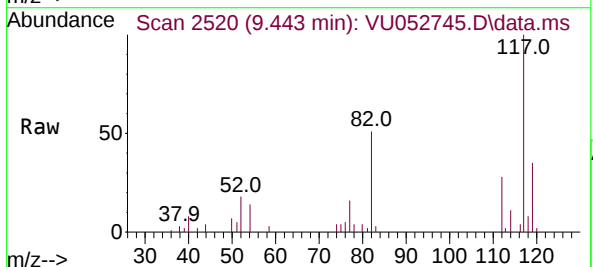
Instrument :
MSVOA_U
ClientSampleId :
MDL04

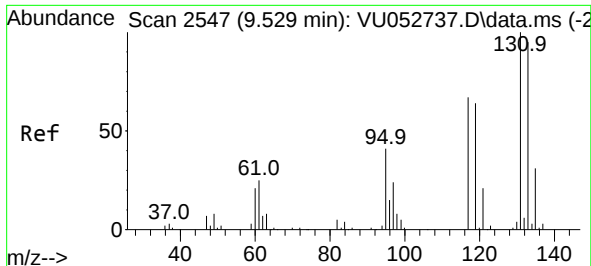
Tgt Ion:164 Resp: 1074
Ion Ratio Lower Upper
164 100
166 142.1 98.9 148.3
129 83.3 76.0 114.0
131 92.7 71.8 107.6



#65
Chlorobenzene
Concen: 0.493 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Tgt Ion:112 Resp: 3247
Ion Ratio Lower Upper
112 100
114 37.5 26.1 39.1

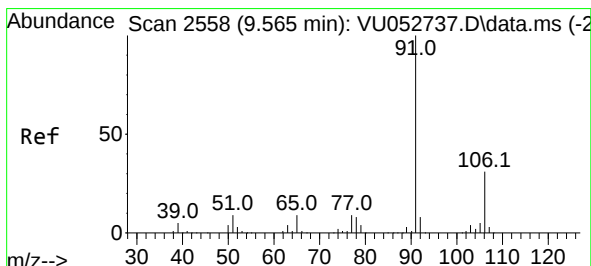
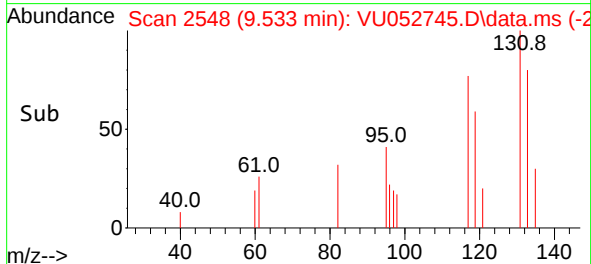
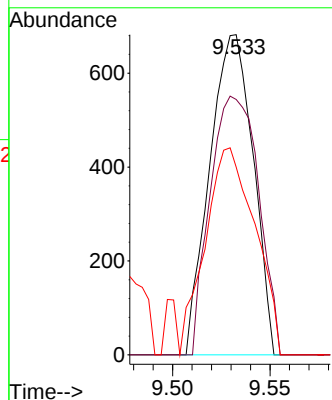
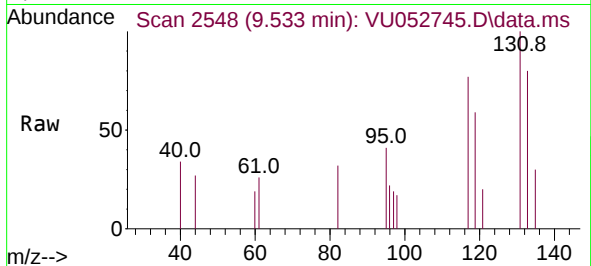




#66
1,1,1,2-Tetrachloroethane
Concen: 0.429 ug/l
RT: 9.533 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

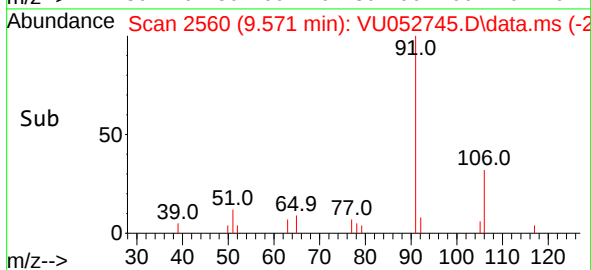
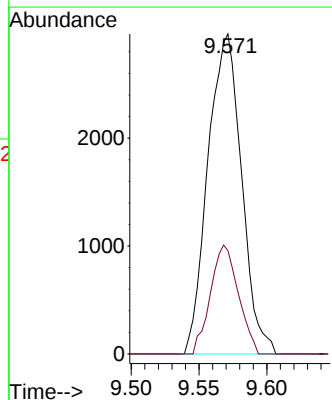
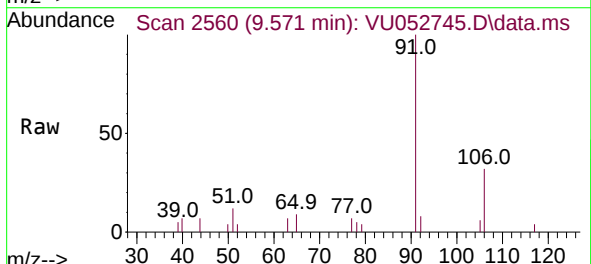
Instrument :
MSVOA_U
ClientSampleId :
MDL04

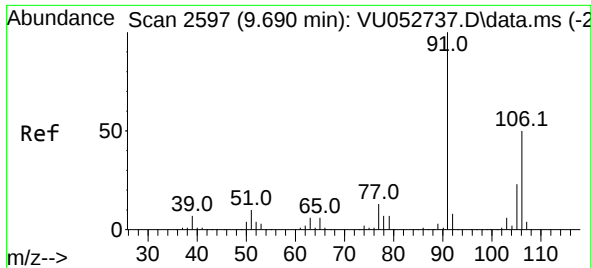
Tgt Ion:131 Resp: 1059
Ion Ratio Lower Upper
131 100
133 90.1 48.4 145.0
119 0.0 32.1 96.3#



#67
Ethyl Benzene
Concen: 0.460 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.007 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Tgt Ion: 91 Resp: 5118
Ion Ratio Lower Upper
91 100
106 32.3 24.6 37.0

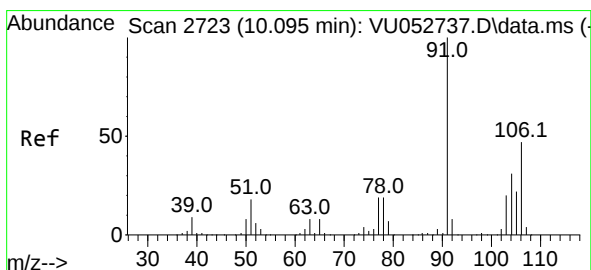
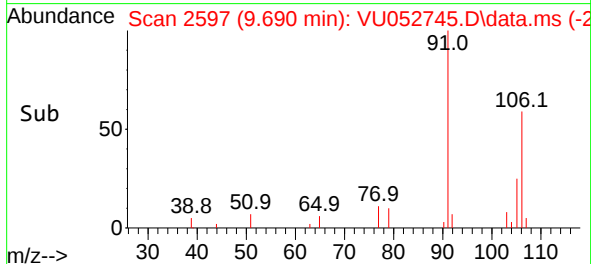
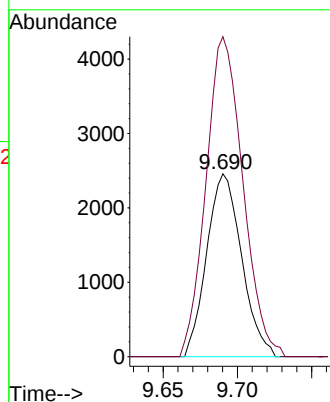
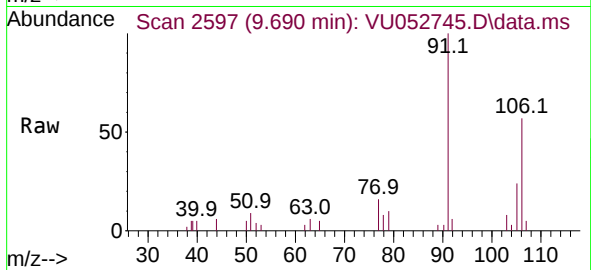




#68
m/p-Xylenes
Concen: 0.930 ug/l
RT: 9.690 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

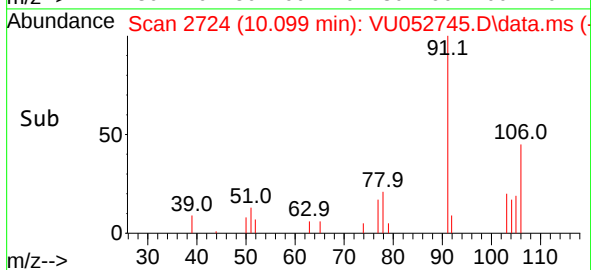
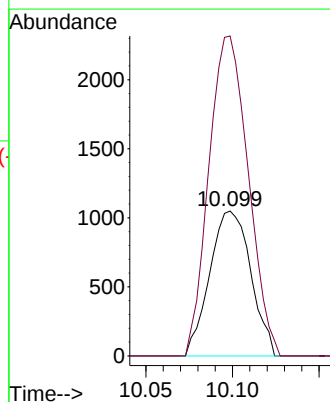
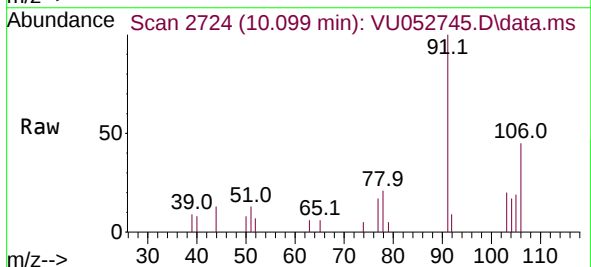
Instrument :
MSVOA_U
ClientSampleId :
MDL04

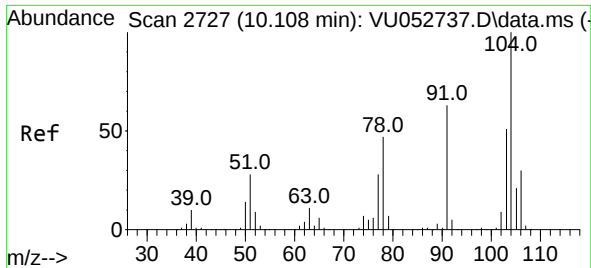
Tgt Ion:106 Resp: 4016
Ion Ratio Lower Upper
106 100
91 184.8 160.8 241.2



#69
o-Xylene
Concen: 0.419 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. 0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Tgt Ion:106 Resp: 1726
Ion Ratio Lower Upper
106 100
91 212.1 107.9 323.7





#70

Styrene

Concen: 0.429 ug/l

RT: 10.115 min Scan# 21

Delta R.T. 0.007 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

Instrument :

MSVOA_U

ClientSampleId :

MDL04

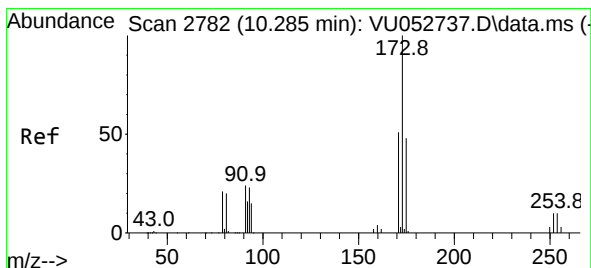
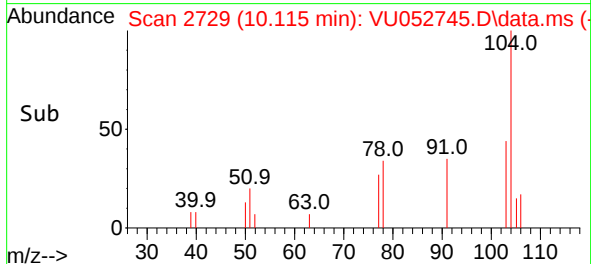
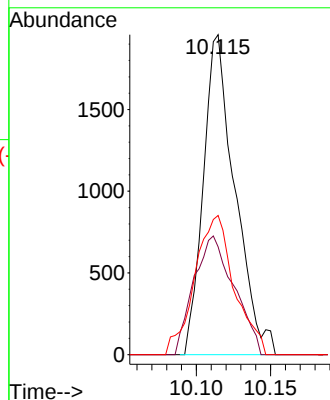
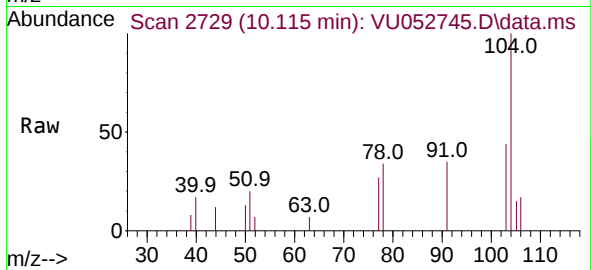
Tgt Ion:104 Resp: 2902

Ion Ratio Lower Upper

104 100

78 47.2 39.9 59.9

103 54.3 43.4 65.2



#71

Bromoform

Concen: 0.447 ug/l

RT: 10.288 min Scan# 2783

Delta R.T. 0.003 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

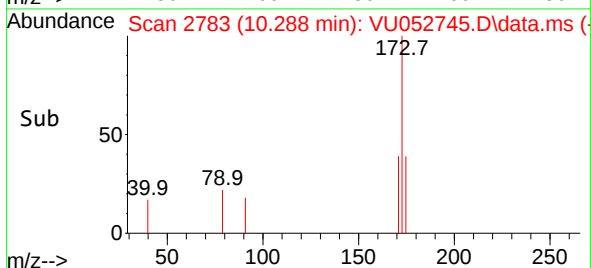
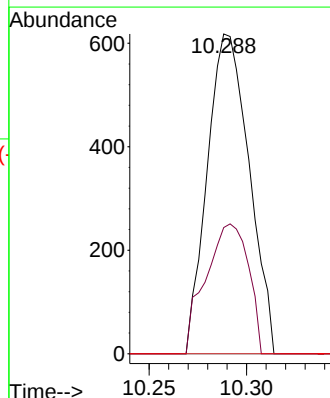
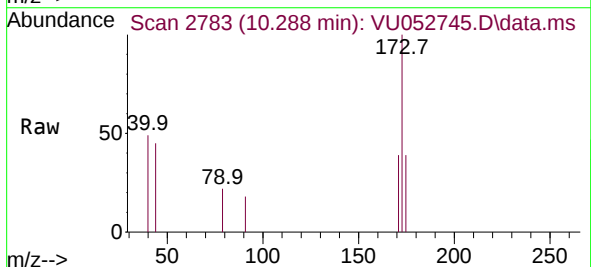
Tgt Ion:173 Resp: 922

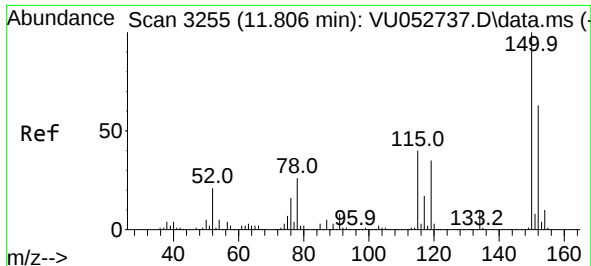
Ion Ratio Lower Upper

173 100

175 41.4 24.1 72.2

254 0.0 0.0 0.0

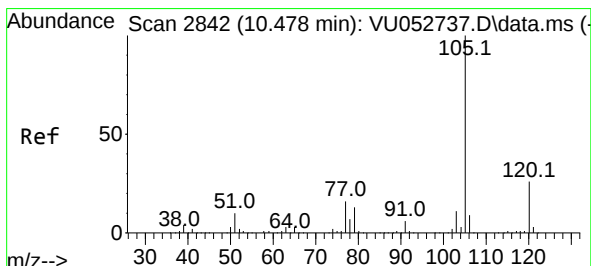
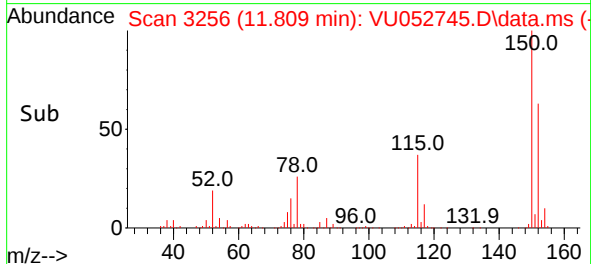
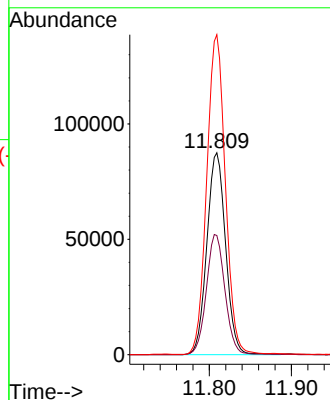
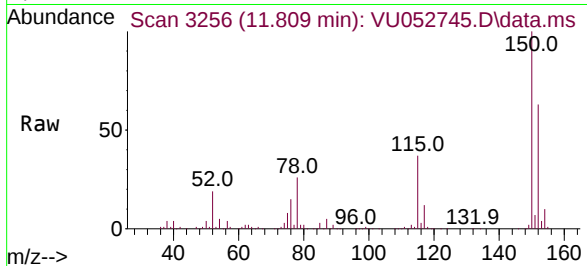




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.809 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

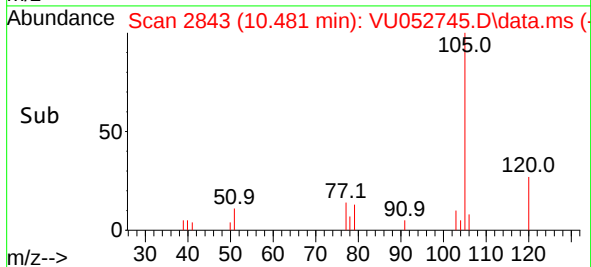
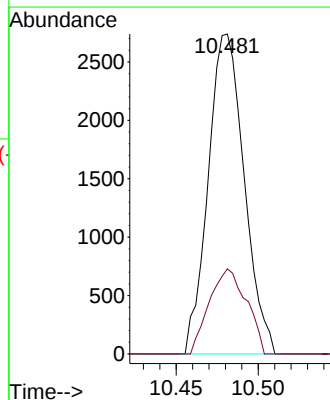
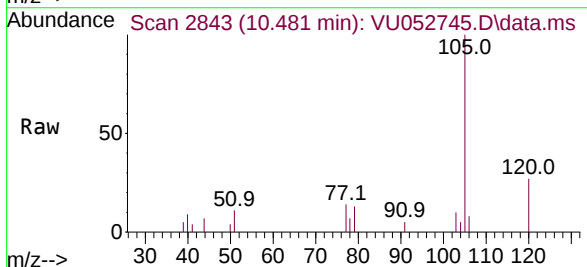
Instrument :
MSVOA_U
ClientSampleId :
MDL04

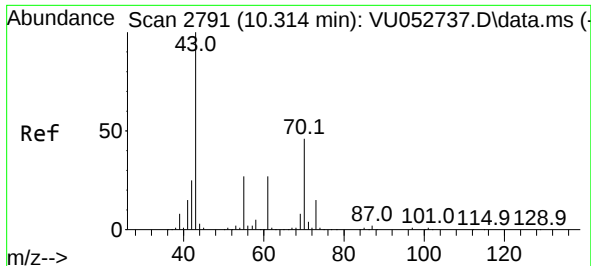
Tgt Ion:152 Resp: 139267
Ion Ratio Lower Upper
152 100
115 58.9 41.7 125.1
150 156.8 0.0 349.2



#73
Isopropylbenzene
Concen: 0.455 ug/l
RT: 10.481 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Tgt Ion:105 Resp: 4170
Ion Ratio Lower Upper
105 100
120 27.5 13.2 39.5

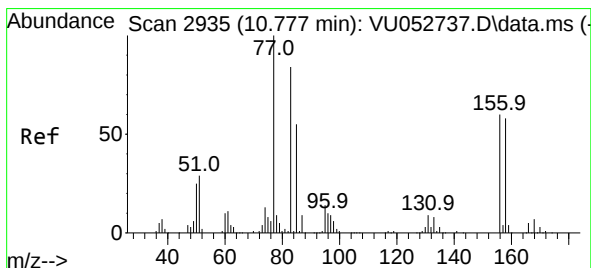
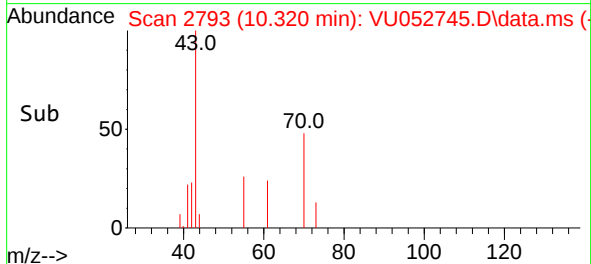
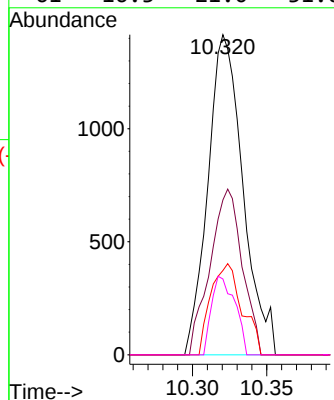
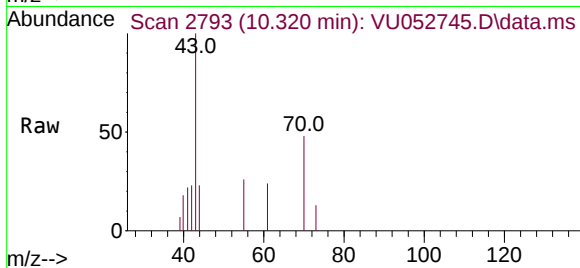




#74
N-amy1 acetate
Concen: 0.665 ug/l
RT: 10.320 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

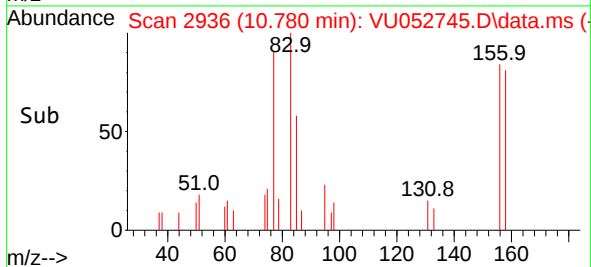
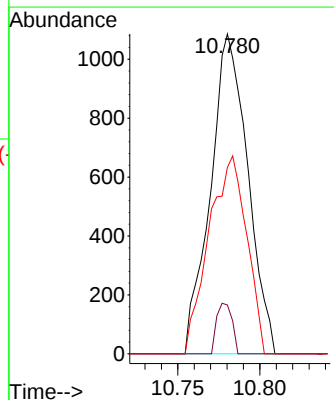
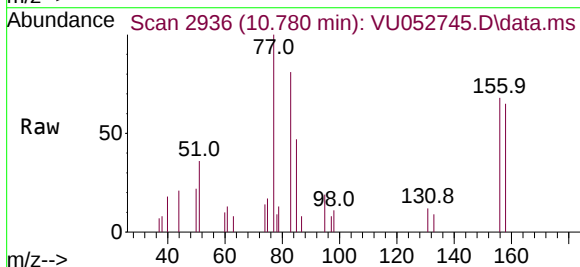
Instrument :
MSVOA_U
ClientSampleId :
MDL04

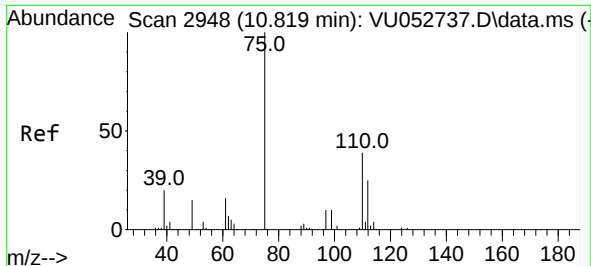
Tgt Ion: 43	Resp: 2323
Ion Ratio	Lower Upper
43 100	
70 47.6	37.9 56.9
55 25.4	21.9 32.9
61 16.3	21.0 31.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.471 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Tgt Ion: 83	Resp: 1713		
Ion Ratio	Lower	Upper	
83 100			
131 6.5	5.0	14.9	
85 62.7	32.3	96.8	

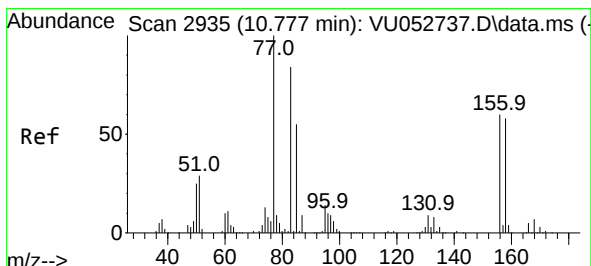
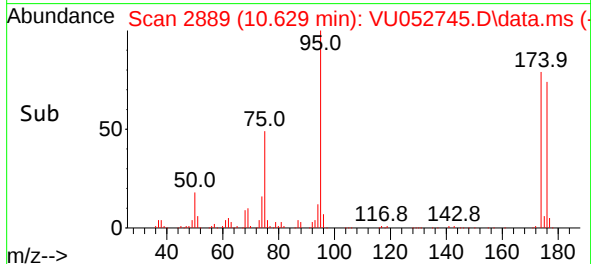
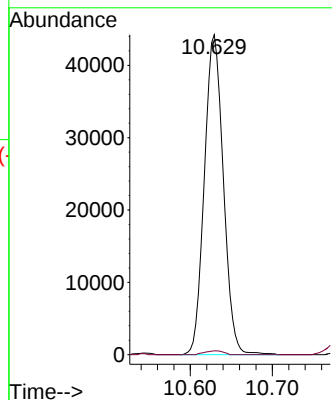
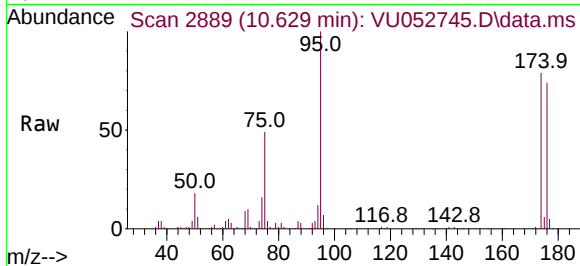




#76
1,2,3-Trichloropropane
Concen: 18.771 ug/l
RT: 10.629 min Scan# 2948
Delta R.T. -0.190 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

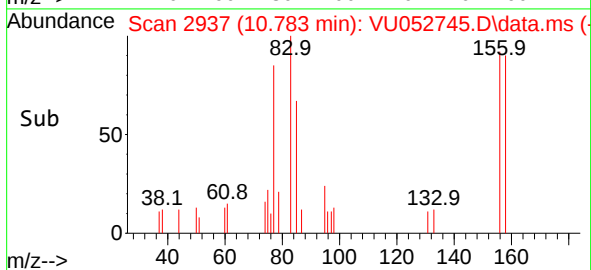
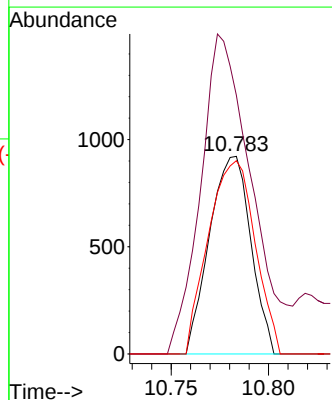
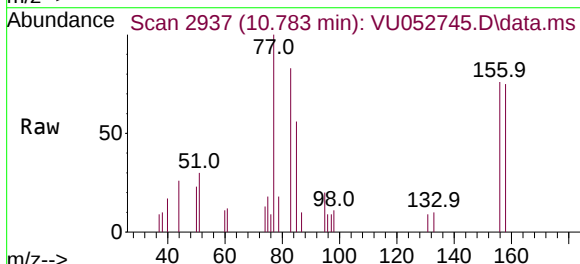
Instrument :
MSVOA_U
ClientSampleId :
MDL04

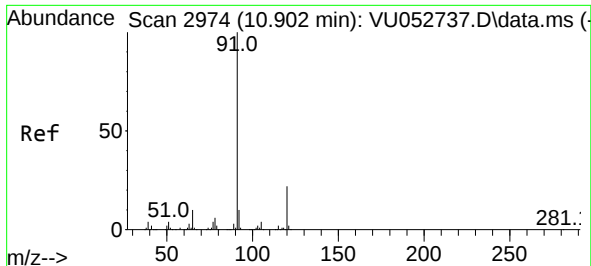
Tgt Ion: 75 Resp: 71340
Ion Ratio Lower Upper
75 100
77 1.2 15.0 45.1#



#77
Bromobenzene
Concen: 0.573 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.007 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Tgt Ion:156 Resp: 1359
Ion Ratio Lower Upper
156 100
77 200.1 83.8 251.4
158 110.6 48.7 146.1

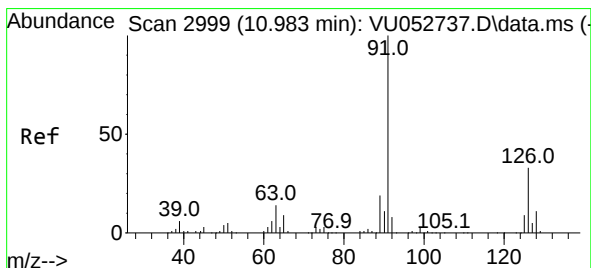
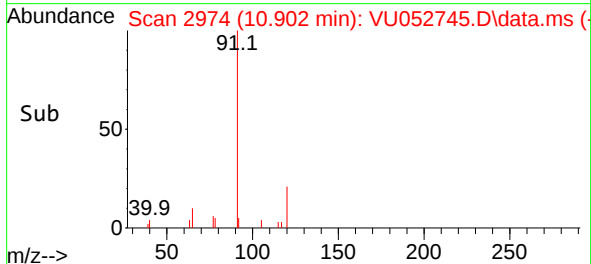
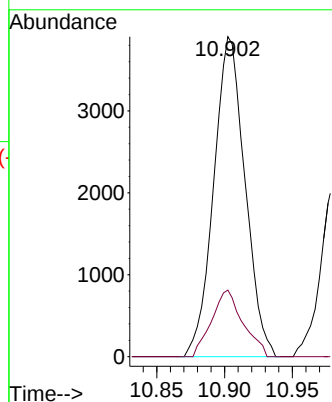
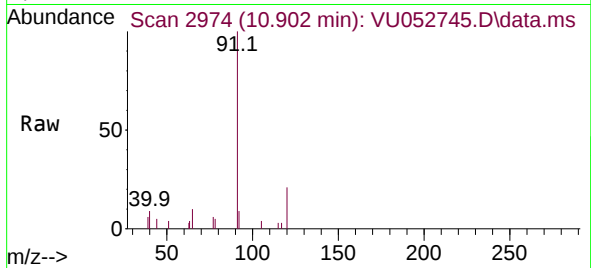




#78
n-propylbenzene
Concen: 0.582 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. 0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

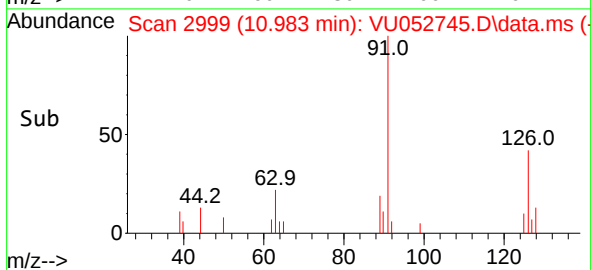
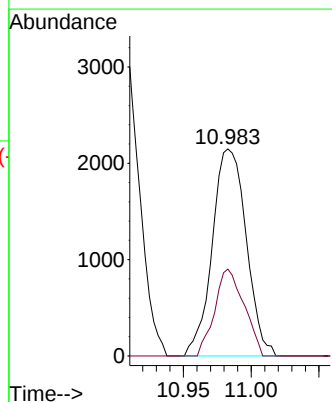
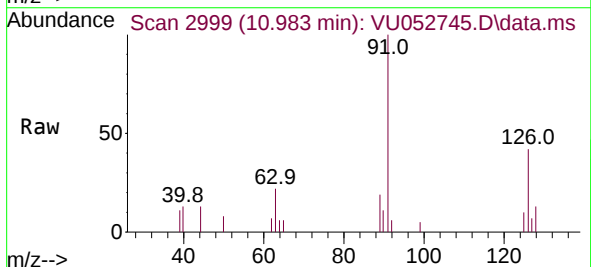
Instrument :
MSVOA_U
ClientSampleId :
MDL04

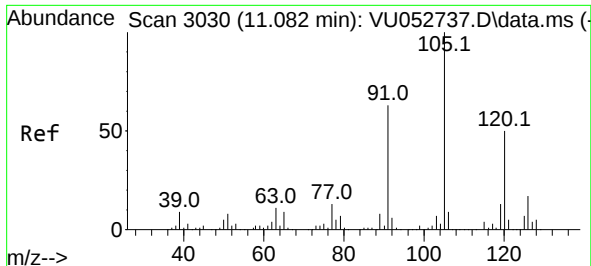
Tgt Ion: 91 Resp: 6275
Ion Ratio Lower Upper
91 100
120 20.8 11.3 33.8



#79
2-Chlorotoluene
Concen: 0.562 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. 0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Tgt Ion: 91 Resp: 3748
Ion Ratio Lower Upper
91 100
126 36.1 16.7 50.0

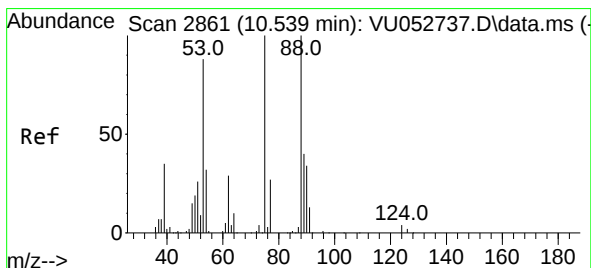
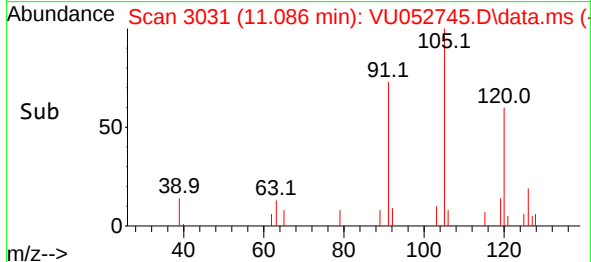
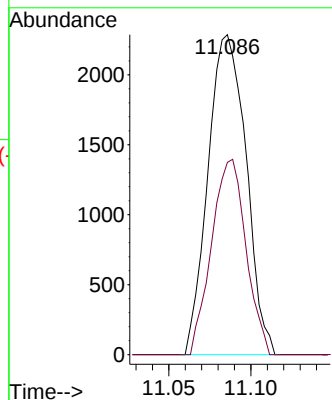
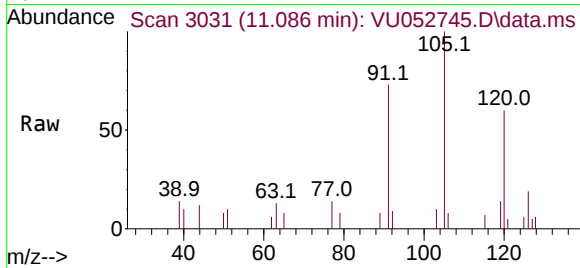




#80
1,3,5-Trimethylbenzene
Concen: 0.484 ug/l
RT: 11.086 min Scan# 3030
Delta R.T. 0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

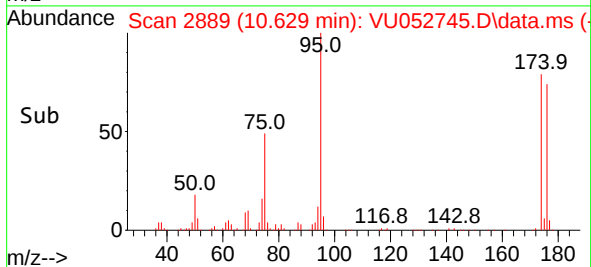
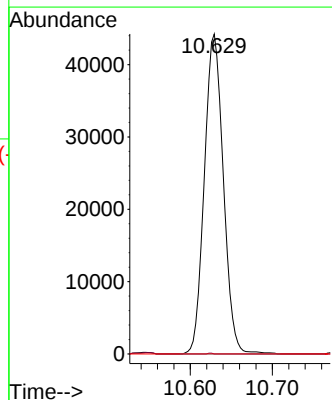
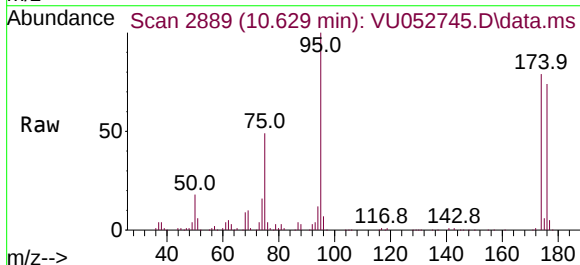
Instrument :
MSVOA_U
ClientSampleId :
MDL04

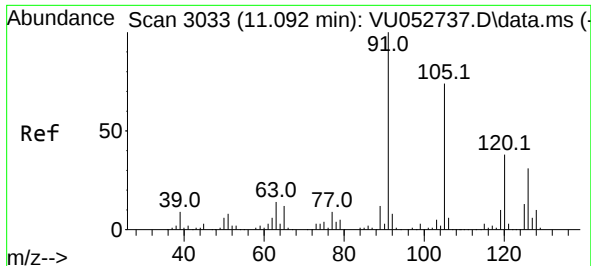
Tgt Ion:105 Resp: 3687
Ion Ratio Lower Upper
105 100
120 55.1 25.1 75.2



#81
trans-1,4-Dichloro-2-butene
Concen: 72.942 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.090 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Tgt Ion: 75 Resp: 71340
Ion Ratio Lower Upper
75 100
53 0.1 72.4 108.6#
89 0.0 35.0 52.4#

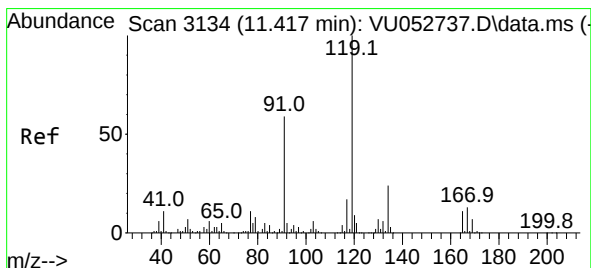
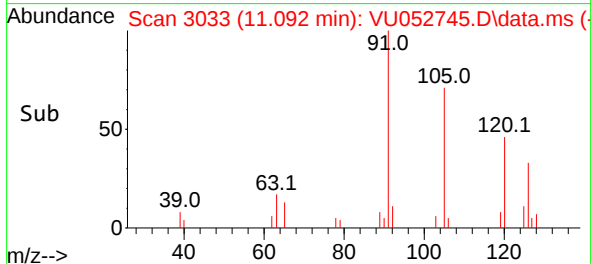
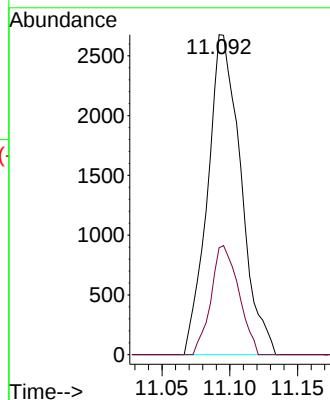
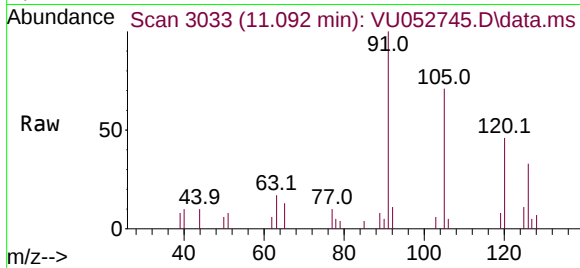




#82
4-Chlorotoluene
Concen: 0.601 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

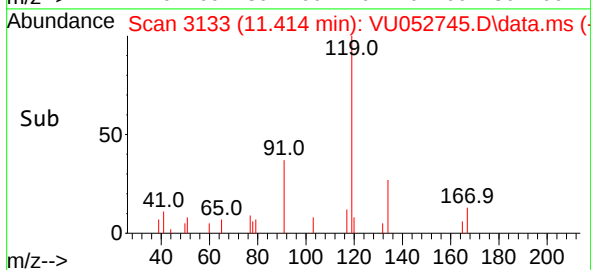
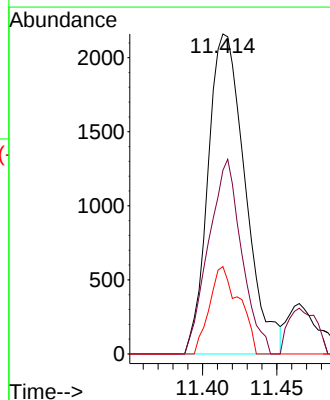
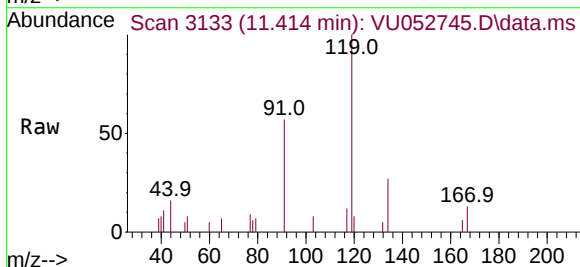
Instrument :
MSVOA_U
ClientSampleId :
MDL04

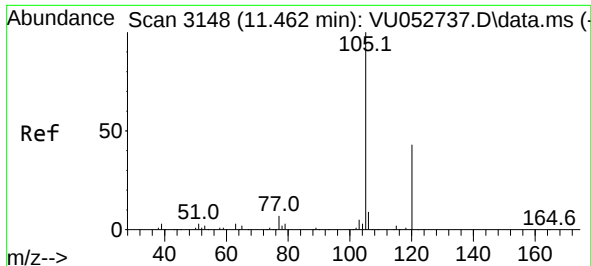
Tgt Ion: 91 Resp: 4565
Ion Ratio Lower Upper
91 100
126 28.4 14.9 44.7



#83
tert-Butylbenzene
Concen: 0.481 ug/l
RT: 11.414 min Scan# 3133
Delta R.T. -0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Tgt Ion: 119 Resp: 3759
Ion Ratio Lower Upper
119 100
91 54.1 28.4 85.2
134 21.8 11.5 34.5

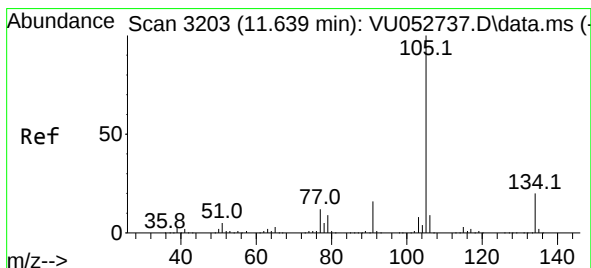
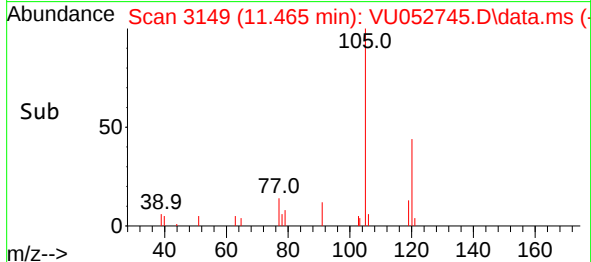
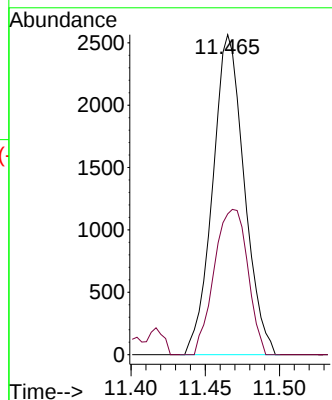
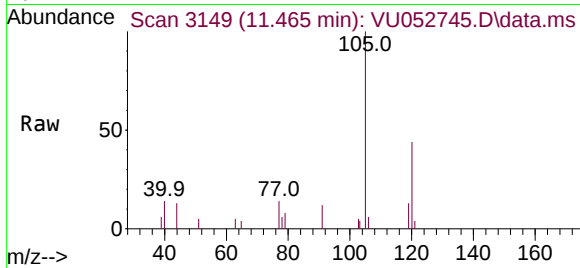




#84
1,2,4-Trimethylbenzene
Concen: 0.501 ug/l
RT: 11.465 min Scan# 3148
Delta R.T. 0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

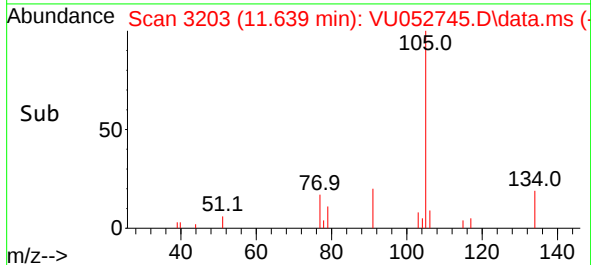
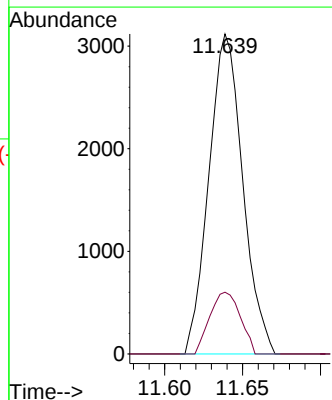
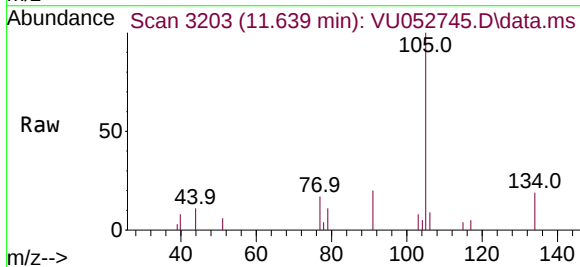
Instrument :
MSVOA_U
ClientSampleId :
MDL04

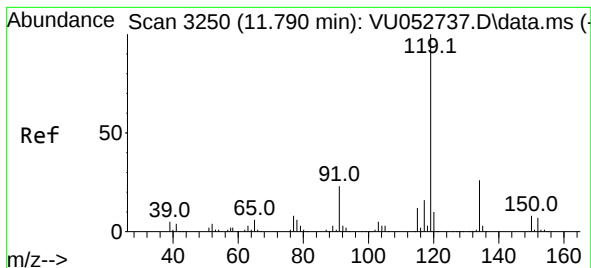
Tgt Ion:105 Resp: 3793
Ion Ratio Lower Upper
105 100
120 48.1 23.2 69.5



#85
sec-Butylbenzene
Concen: 0.491 ug/l
RT: 11.639 min Scan# 3203
Delta R.T. 0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Tgt Ion:105 Resp: 4706
Ion Ratio Lower Upper
105 100
134 17.4 10.1 30.3





#86

p-Isopropyltoluene

Concen: 0.508 ug/l

RT: 11.793 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

Instrument :

MSVOA_U

ClientSampleId :

MDL04

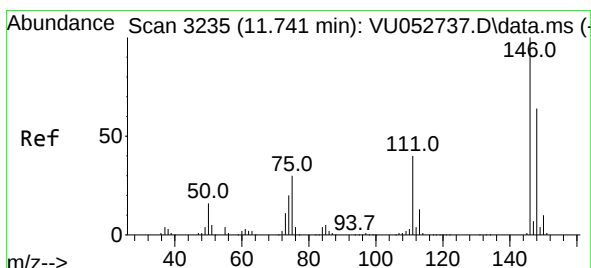
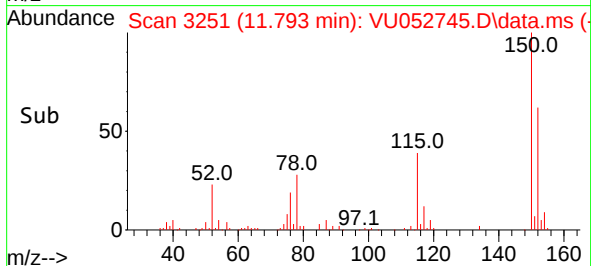
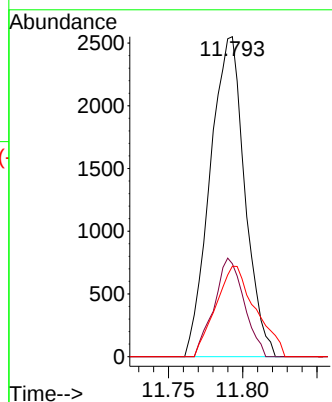
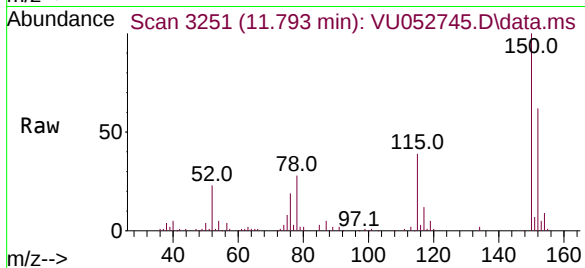
Tgt Ion:119 Resp: 4134

Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.1

91 32.4 11.5 34.5



#87

1,3-Dichlorobenzene

Concen: 0.677 ug/l

RT: 11.742 min Scan# 3235

Delta R.T. 0.001 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

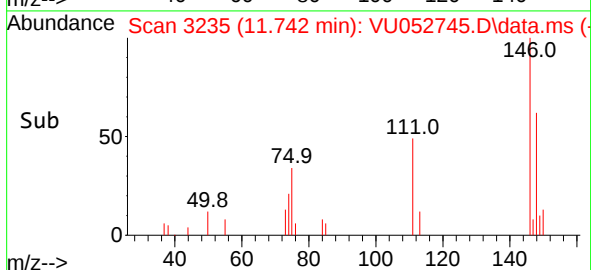
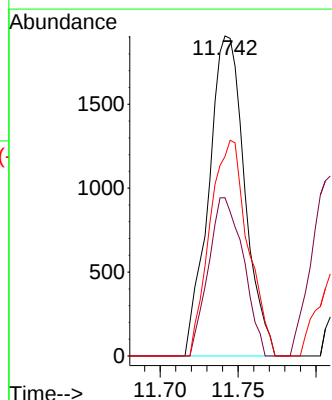
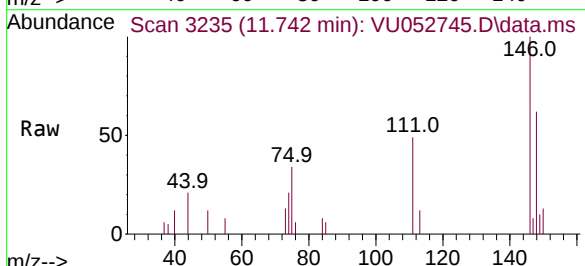
Tgt Ion:146 Resp: 3060

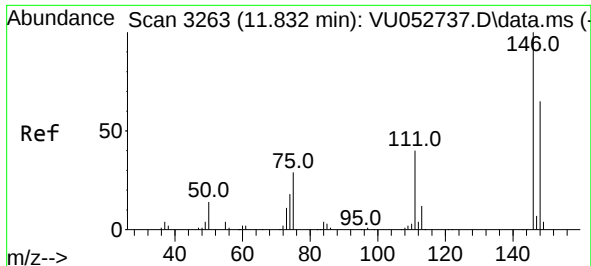
Ion Ratio Lower Upper

146 100

111 48.1 20.1 60.2

148 71.0 31.6 94.7

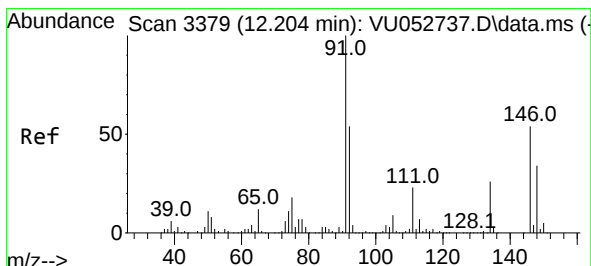
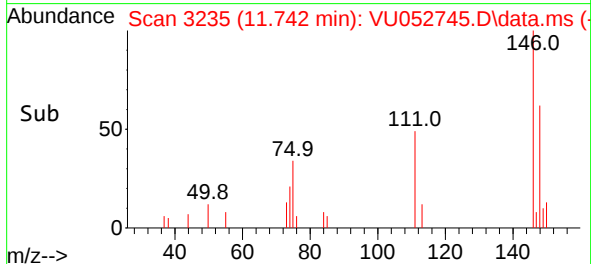
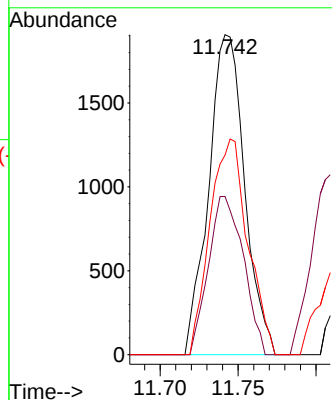
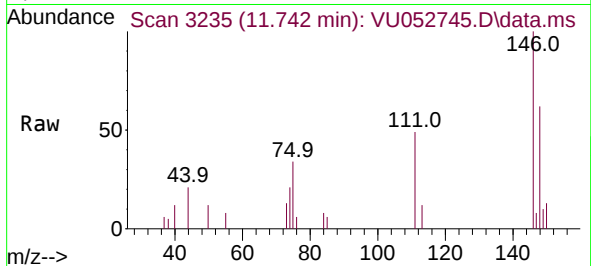




#88
1,4-Dichlorobenzene
Concen: 0.658 ug/l
RT: 11.742 min Scan# 31
Delta R.T. -0.090 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

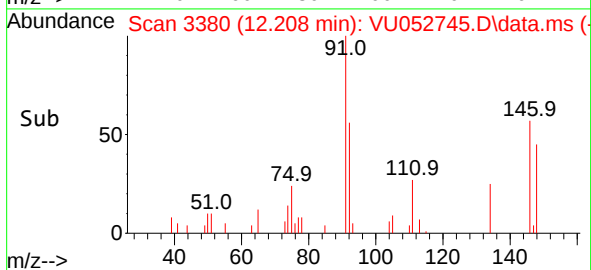
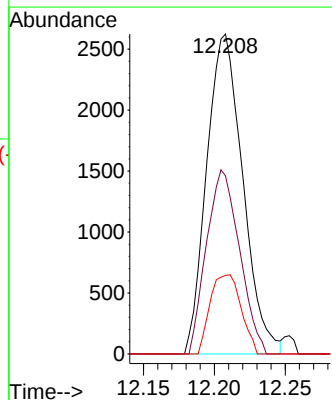
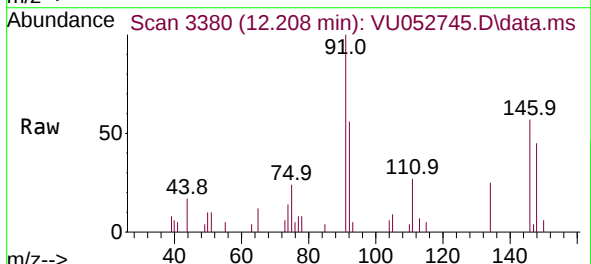
Instrument :
MSVOA_U
ClientSampleId :
MDL04

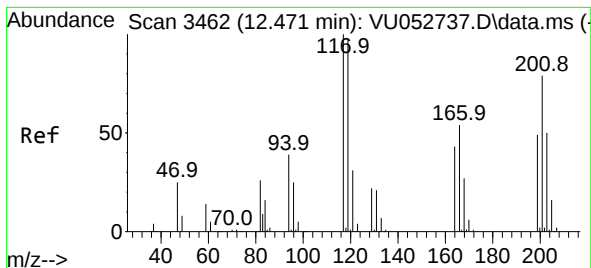
Tgt Ion:146 Resp: 3060
Ion Ratio Lower Upper
146 100
111 48.1 20.3 61.0
148 71.0 32.3 96.8



#89
n-Butylbenzene
Concen: 0.666 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. 0.004 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Tgt Ion: 91 Resp: 4654
Ion Ratio Lower Upper
91 100
92 52.6 26.8 80.3
134 21.1 13.1 39.3





#90

Hexachloroethane

Concen: 0.362 ug/l

RT: 12.475 min Scan# 3462

Delta R.T. 0.003 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

Instrument :

MSVOA_U

ClientSampleId :

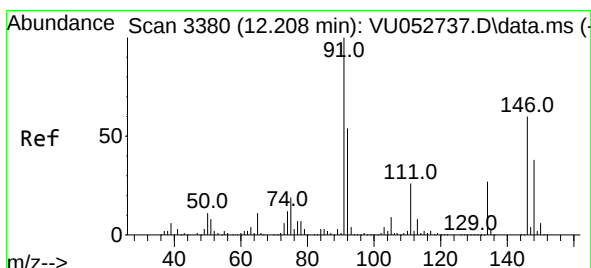
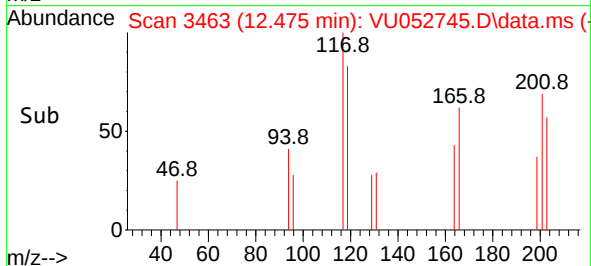
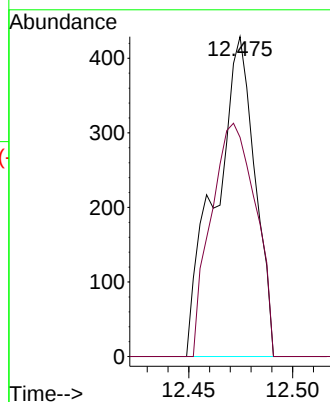
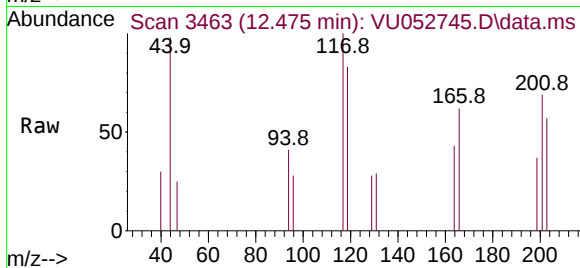
MDL04

Tgt Ion:117 Resp: 566

Ion Ratio Lower Upper

117 100

201 82.5 39.3 117.9



#91

1,2-Dichlorobenzene

Concen: 0.613 ug/l

RT: 12.214 min Scan# 3382

Delta R.T. 0.007 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

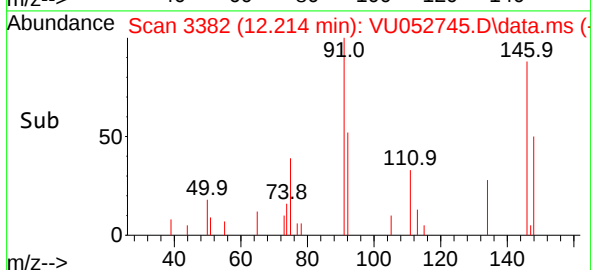
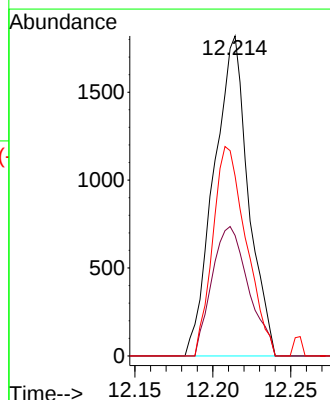
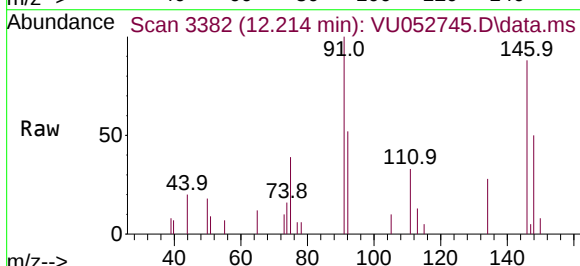
Tgt Ion:146 Resp: 2794

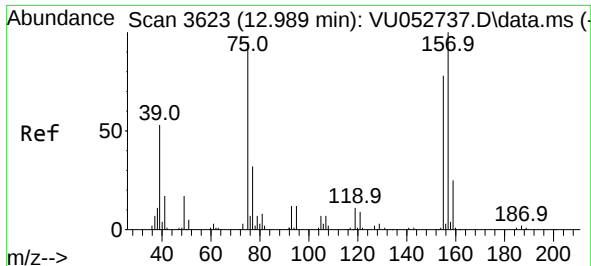
Ion Ratio Lower Upper

146 100

111 42.9 21.1 63.1

148 63.7 31.4 94.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.674 ug/l

RT: 12.992 min Scan# 30

Delta R.T. 0.003 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

Instrument :

MSVOA_U

ClientSampleId :

MDL04

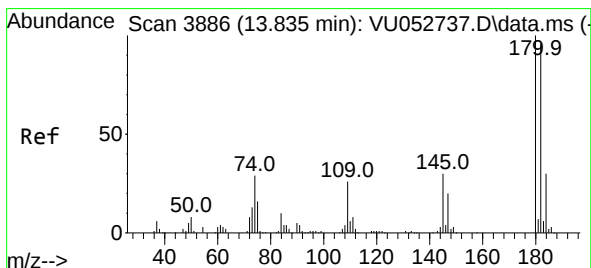
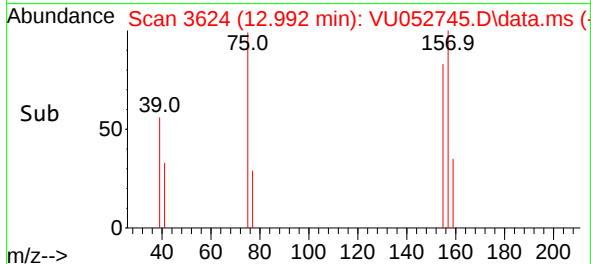
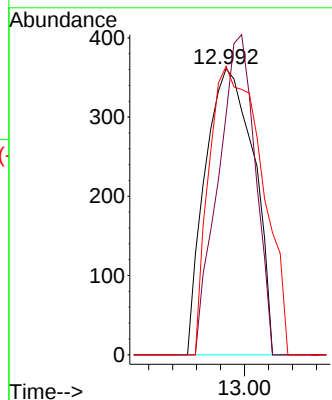
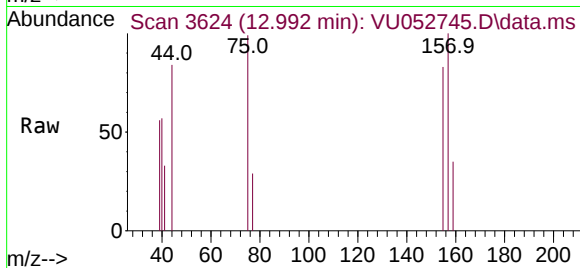
Tgt Ion: 75 Resp: 508

Ion Ratio Lower Upper

75 100

155 85.2 41.4 124.4

157 109.4 53.4 160.2



#93

1,2,4-Trichlorobenzene

Concen: 1.076 ug/l

RT: 13.841 min Scan# 3888

Delta R.T. 0.007 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

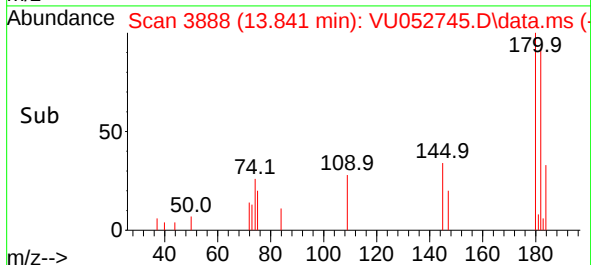
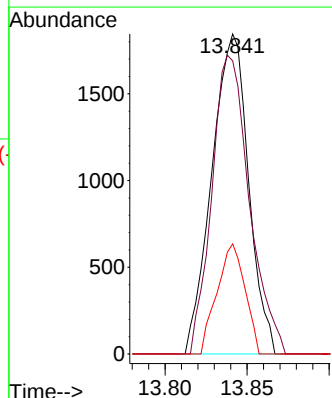
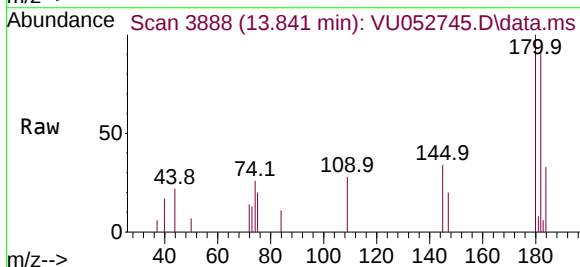
Tgt Ion:180 Resp: 2867

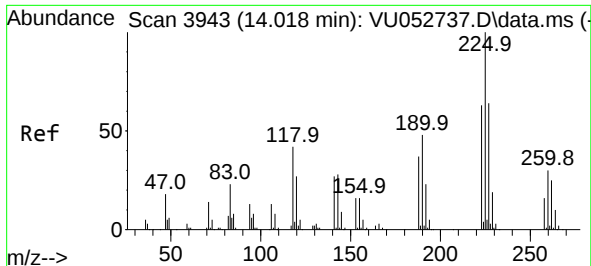
Ion Ratio Lower Upper

180 100

182 95.2 47.4 142.3

145 26.1 14.9 44.5

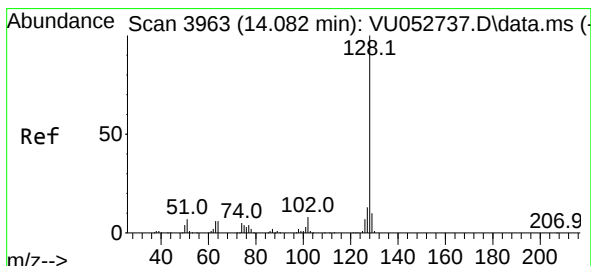
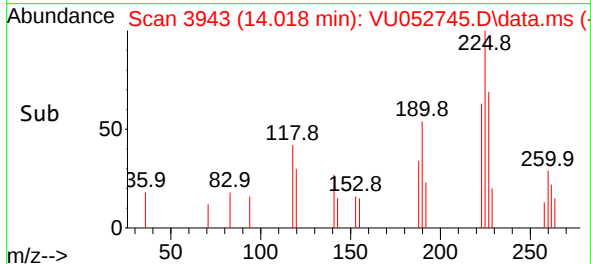
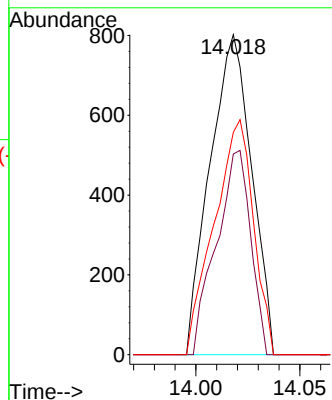
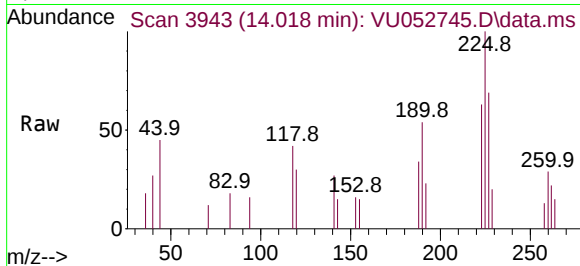




#94
Hexachlorobutadiene
Concen: 0.756 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. 0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

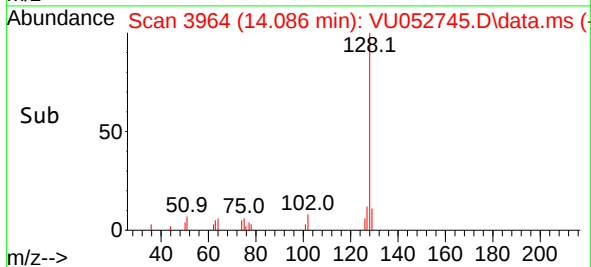
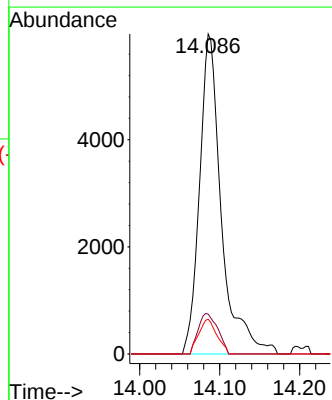
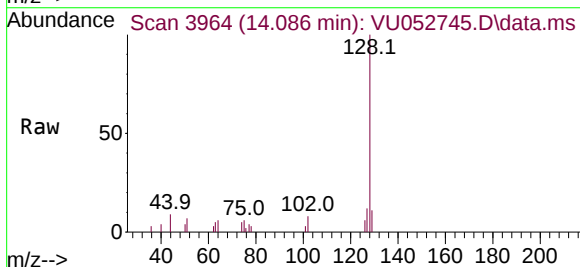
Instrument :
MSVOA_U
ClientSampleId :
MDL04

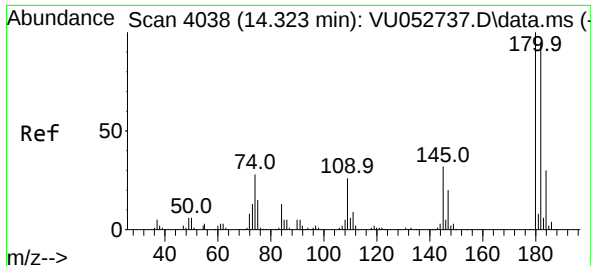
Tgt Ion:	225	Resp:	1117
Ion	Ratio	Lower	Upper
225	100		
223	52.6	31.8	95.3
227	69.4	31.8	95.4



#95
Naphthalene
Concen: 1.504 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. 0.004 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Tgt Ion:	128	Resp:	11366
Ion	Ratio	Lower	Upper
128	100		
127	11.3	10.3	15.5
129	9.0	8.6	13.0





#96

1,2,3-Trichlorobenzene

Concen: 1.276 ug/l

RT: 14.330 min Scan# 40

Delta R.T. 0.007 min

Lab File: VU052745.D

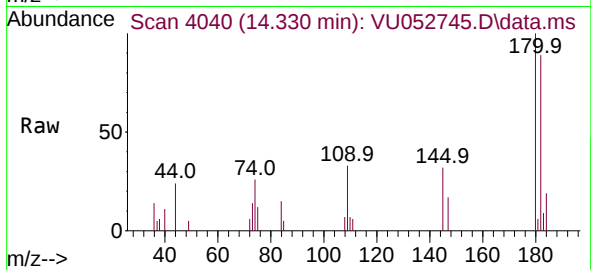
Acq: 19 Jan 2023 19:07

Instrument :

MSVOA_U

ClientSampleId :

MDL04



Tgt Ion:180 Resp: 3374

Ion Ratio Lower Upper

180 100

182 97.2 48.1 144.3

145 33.6 15.8 47.4

