

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011923\
 Data File : VU052746.D
 Acq On : 19 Jan 2023 19:31
 Operator : JC/MD
 Sample : MDL05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

Quant Time: Jan 20 01:36:27 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	207690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.244	114	352409	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	318619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	142545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	153106	51.187	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.380%
35) Dibromofluoromethane	5.282	113	118547	48.310	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.620%
50) Toluene-d8	7.893	98	427424	46.447	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.900%
62) 4-Bromofluorobenzene	10.629	95	142114	42.276	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.560%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	1127	0.460	ug/l	100
3) Chloromethane	1.520	50	2341	0.931	ug/l	96
4) Vinyl Chloride	1.604	62	1181	0.471	ug/l #	67
5) Bromomethane	1.858	94	970	0.783	ug/l	89
6) Chloroethane	1.932	64	828	0.522	ug/l	95
7) Trichlorofluoromethane	2.134	101	1667	0.432	ug/l	100
8) Diethyl Ether	2.376	74	624	0.444	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.569	101	916	0.410	ug/l	94
10) Methyl Iodide	2.716	142	1133	0.617	ug/l #	93
11) Tert butyl alcohol	3.234	59	126	0.247	ug/l #	88
12) 1,1-Dichloroethene	2.578	96	1018	0.461	ug/l #	79
13) Acrolein	2.491	56	1181	2.357	ug/l	93
14) Allyl chloride	2.919	41	1164	0.335	ug/l #	89
15) Acrylonitrile	3.331	53	3362	2.391	ug/l	91
16) Acetone	2.639	43	3509	2.461	ug/l #	86
17) Carbon Disulfide	2.790	76	4086	0.617	ug/l #	87
18) Methyl Acetate	2.958	43	1773	0.449	ug/l #	84
19) Methyl tert-butyl Ether	3.360	73	3265	0.436	ug/l	95
20) Methylene Chloride	3.041	84	2571	0.801	ug/l	98
21) trans-1,2-Dichloroethene	3.353	96	1310	0.550	ug/l	95
22) Diisopropyl ether	3.986	45	2895	0.400	ug/l #	31
23) Vinyl Acetate	3.964	43	11009	1.983	ug/l	98
24) 1,1-Dichloroethane	3.864	63	2186	0.476	ug/l #	82
25) 2-Butanone	4.726	43	3276	1.782	ug/l #	85
26) 2,2-Dichloropropane	4.668	77	1650	0.438	ug/l #	75
27) cis-1,2-Dichloroethene	4.659	96	1383	0.529	ug/l	89
28) Bromochloromethane	4.974	49	817	0.426	ug/l #	47
29) Tetrahydrofuran	5.076	42	2417	2.265	ug/l #	75
30) Chloroform	5.083	83	2712	0.553	ug/l #	81
31) Cyclohexane	5.369	56	5918	1.412	ug/l #	1
32) 1,1,1-Trichloroethane	5.311	97	1861	0.463	ug/l #	49
36) 1,1-Dichloropropene	5.520	75	1649	0.468	ug/l #	78
37) Ethyl Acetate	4.816	43	1196	0.312	ug/l #	71
38) Carbon Tetrachloride	5.520	117	1333	0.368	ug/l	98
39) Methylcyclohexane	6.761	83	2086	0.509	ug/l #	91
40) Benzene	5.771	78	4828	0.454	ug/l	96

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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	628	0.339	ug/l #	51
42) 1,2-Dichloroethane	5.797	62	2078	0.541	ug/l	88
43) Isopropyl Acetate	5.916	43	2184	0.409	ug/l #	82
44) Trichloroethene	6.539	130	1196	0.455	ug/l	79
45) 1,2-Dichloropropane	6.787	63	1088	0.397	ug/l	98
46) Dibromomethane	6.916	93	860	0.453	ug/l	97
47) Bromodichloromethane	7.105	83	1838	0.484	ug/l #	88
48) Methyl methacrylate	6.970	41	740	0.304	ug/l	85
49) 1,4-Dioxane	7.012	88	20	0.425	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	6664	1.930	ug/l	95
52) Toluene	7.967	92	3024	0.470	ug/l	99
53) t-1,3-Dichloropropene	8.208	75	1773	0.447	ug/l	91
54) cis-1,3-Dichloropropene	7.601	75	1812	0.428	ug/l #	89
55) 1,1,2-Trichloroethane	8.395	97	1214	0.463	ug/l #	85
56) Ethyl methacrylate	8.337	69	1331	0.360	ug/l	97
57) 1,3-Dichloropropane	8.575	76	1954	0.425	ug/l	89
58) 2-Chloroethyl Vinyl ether	7.459	63	20	0.178	ug/l #	46
59) 2-Hexanone	8.691	43	5671	2.132	ug/l	92
60) Dibromochloromethane	8.806	129	1157	0.401	ug/l	82
61) 1,2-Dibromoethane	8.919	107	1104	0.401	ug/l	93
64) Tetrachloroethene	8.549	164	1092	0.493	ug/l #	74
65) Chlorobenzene	9.446	112	3437	0.510	ug/l	92
66) 1,1,1,2-Tetrachloroethane	9.526	131	1079	0.427	ug/l #	57
67) Ethyl Benzene	9.568	91	5095	0.447	ug/l	93
68) m/p-Xylenes	9.694	106	3433	0.776	ug/l	92
69) o-Xylene	10.099	106	1763	0.417	ug/l	91
70) Styrene	10.112	104	2715	0.392	ug/l	98
71) Bromoform	10.285	173	917	0.434	ug/l #	87
73) Isopropylbenzene	10.481	105	4184	0.446	ug/l	91
74) N-amyl acetate	10.321	43	1728	0.483	ug/l	93
75) 1,1,2,2-Tetrachloroethane	10.780	83	2223	0.597	ug/l #	92
76) 1,2,3-Trichloropropane	10.629	75	71076	18.272	ug/l #	47
77) Bromobenzene	10.777	156	1337	0.551	ug/l	98
78) n-propylbenzene	10.903	91	5204	0.471	ug/l	96
79) 2-Chlorotoluene	10.983	91	3234	0.474	ug/l	99
80) 1,3,5-Trimethylbenzene	11.083	105	3434	0.440	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.629	75	71076	71.001	ug/l #	13
82) 4-Chlorotoluene	11.096	91	3895	0.501	ug/l	99
83) tert-Butylbenzene	11.414	119	3717	0.464	ug/l	89
84) 1,2,4-Trimethylbenzene	11.465	105	3316	0.428	ug/l	96
85) sec-Butylbenzene	11.636	105	4051	0.413	ug/l	93
86) p-Isopropyltoluene	11.790	119	3337	0.400	ug/l	90
87) 1,3-Dichlorobenzene	11.745	146	2559	0.553	ug/l	95
88) 1,4-Dichlorobenzene	11.745	146	2559	0.538	ug/l	93
89) n-Butylbenzene	12.205	91	3071	0.429	ug/l	95
90) Hexachloroethane	12.465	117	672	0.420	ug/l	95
91) 1,2-Dichlorobenzene	12.211	146	2601	0.557	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.999	75	291	0.377	ug/l	84
93) 1,2,4-Trichlorobenzene	13.841	180	1870	0.686	ug/l	86
94) Hexachlorobutadiene	14.021	225	938	0.621	ug/l	81
95) Naphthalene	14.089	128	5772	0.746	ug/l #	91
96) 1,2,3-Trichlorobenzene	14.327	180	1929	0.713	ug/l	89

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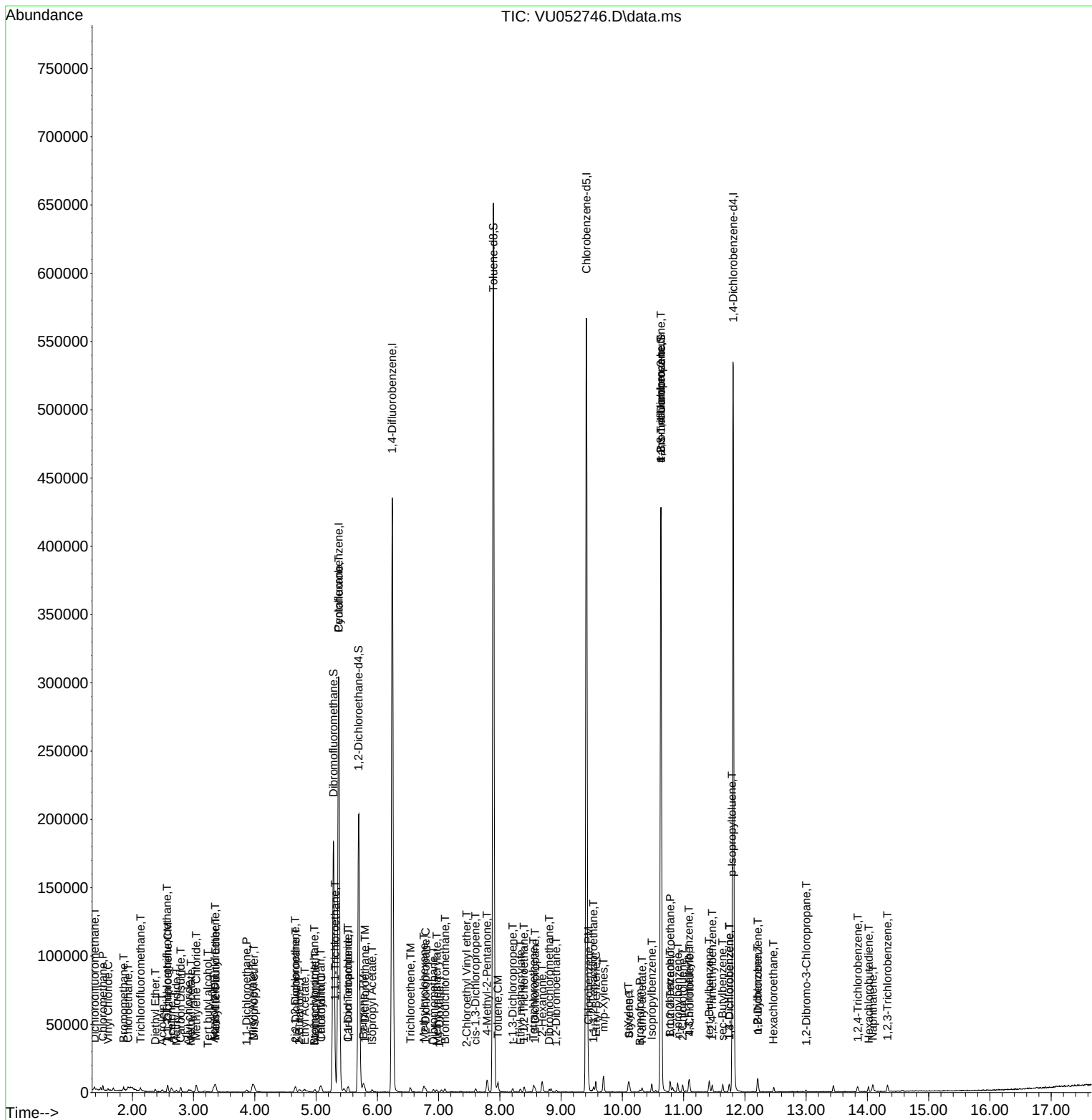
Instrument :
MSVOA_U
ClientSampleId :
MDL05

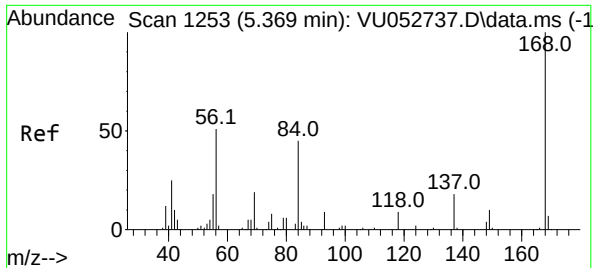
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Quant Title : SW846 8260
QLast Update : Fri Jan 20 01:35:33 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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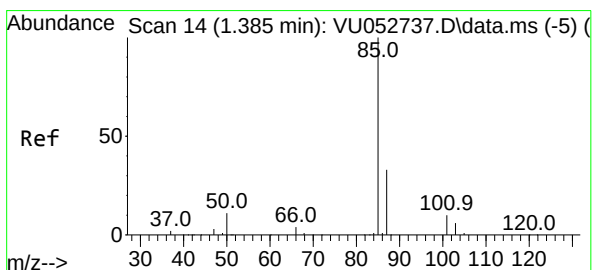
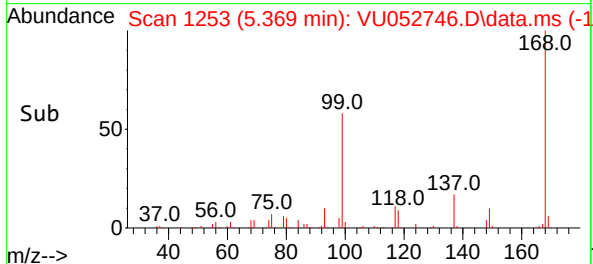
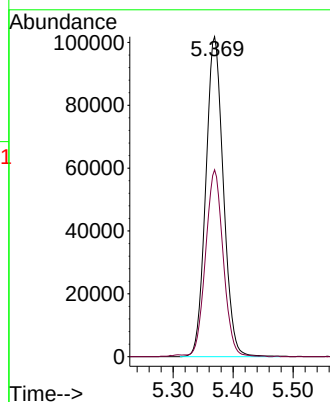
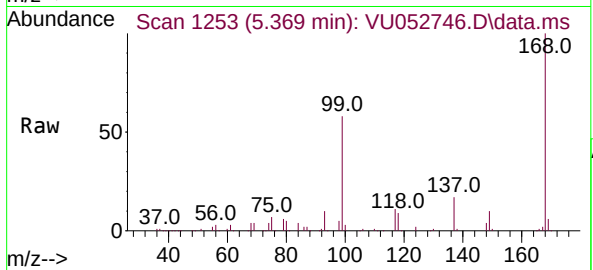




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

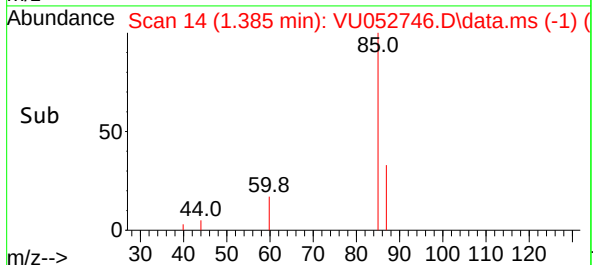
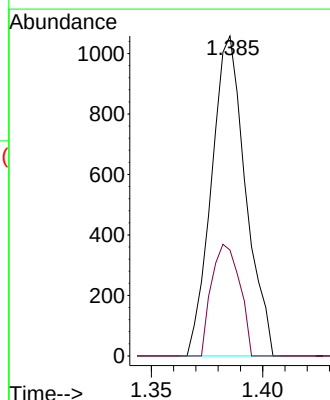
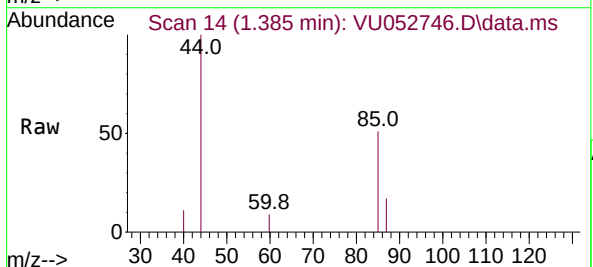
Instrument :
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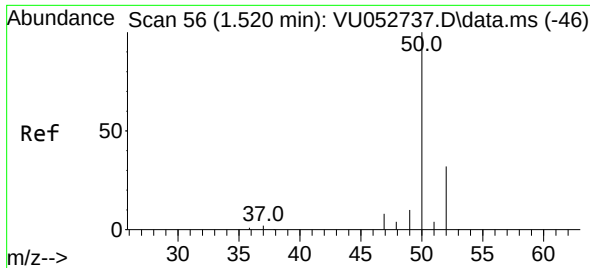
Tgt Ion:168 Resp: 207690
Ion Ratio Lower Upper
168 100
99 58.4 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 0.460 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Tgt Ion: 85 Resp: 1127
Ion Ratio Lower Upper
85 100
87 33.1 16.6 49.7

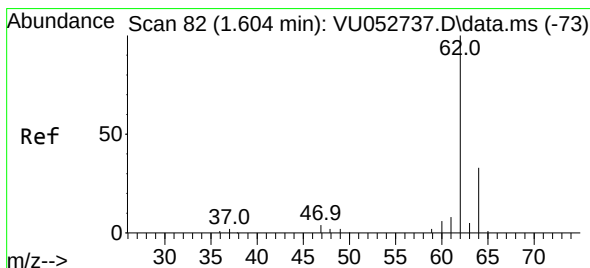
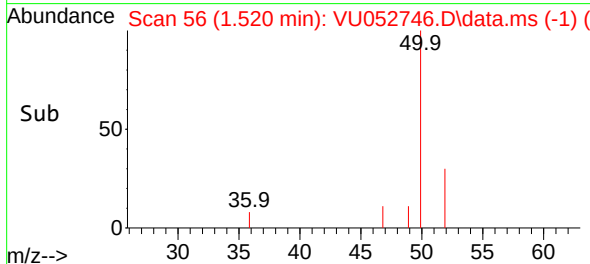
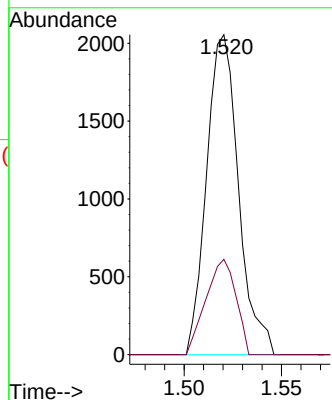
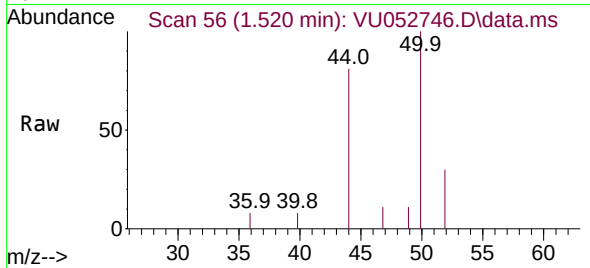




#3
Chloromethane
Concen: 0.931 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

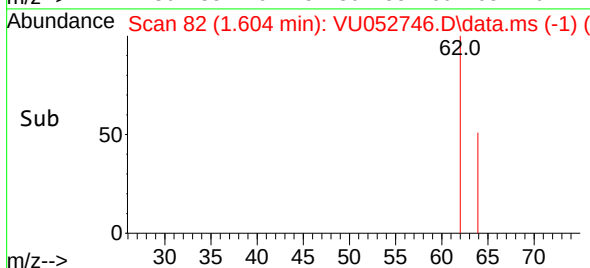
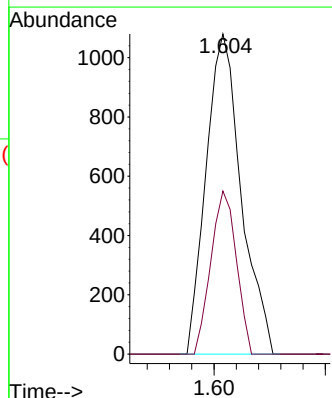
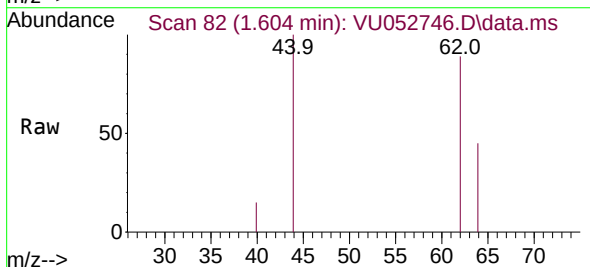
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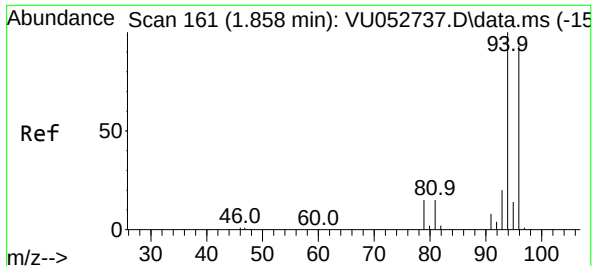
Tgt Ion: 50 Resp: 2341
Ion Ratio Lower Upper
50 100
52 29.8 25.8 38.6



#4
Vinyl Chloride
Concen: 0.471 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Tgt Ion: 62 Resp: 1181
Ion Ratio Lower Upper
62 100
64 50.9 26.1 39.1#

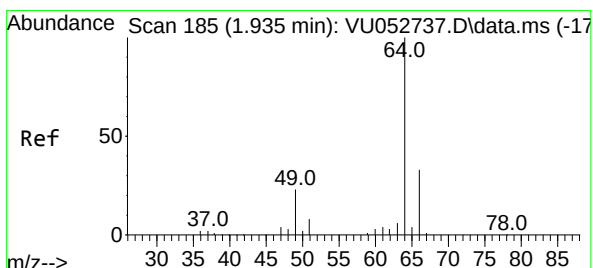
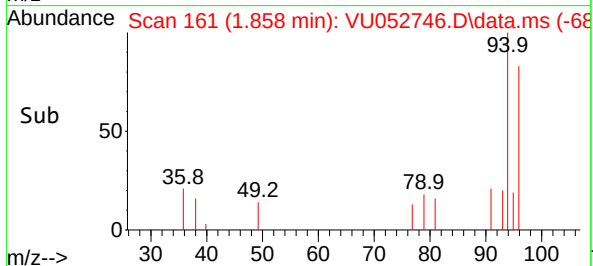
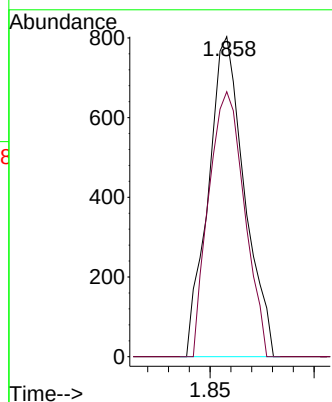
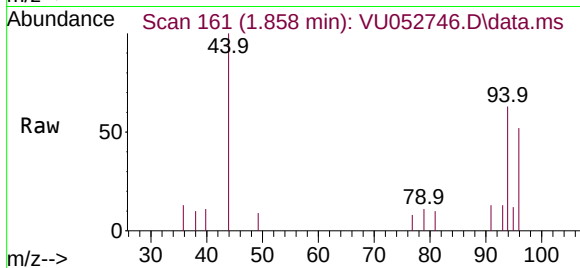




#5
Bromomethane
Concen: 0.783 ug/l
RT: 1.858 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

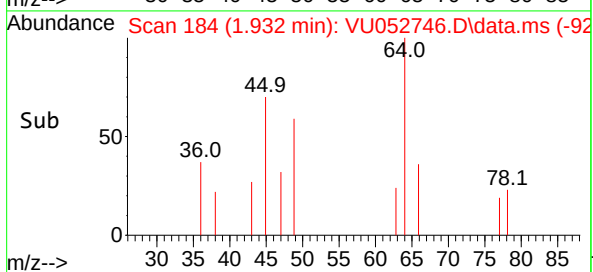
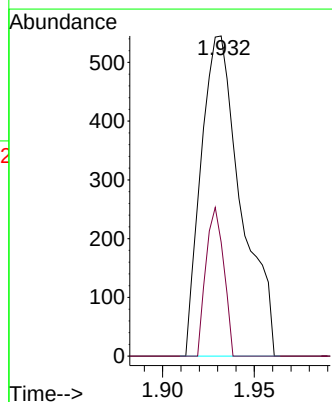
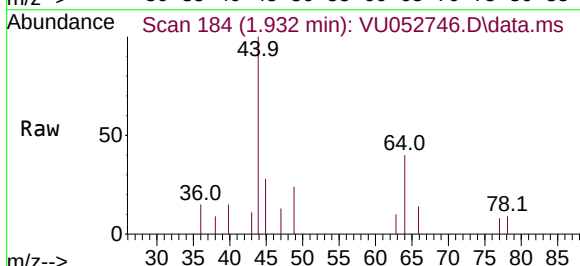
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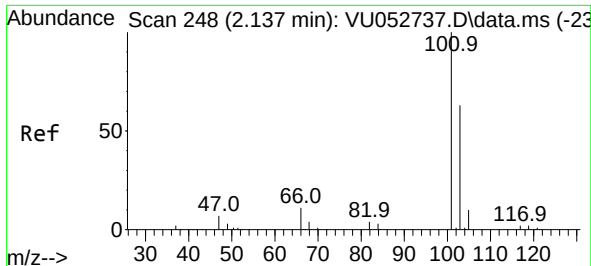
Tgt Ion: 94 Resp: 970
Ion Ratio Lower Upper
94 100
96 82.8 74.3 111.5



#6
Chloroethane
Concen: 0.522 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Tgt Ion: 64 Resp: 828
Ion Ratio Lower Upper
64 100
66 35.6 26.1 39.1

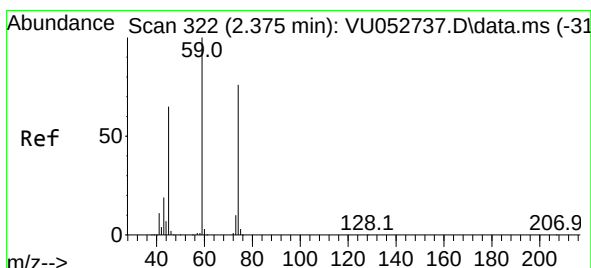
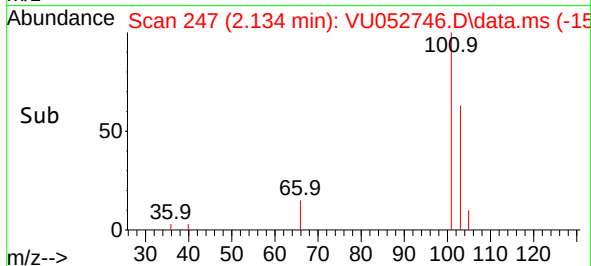
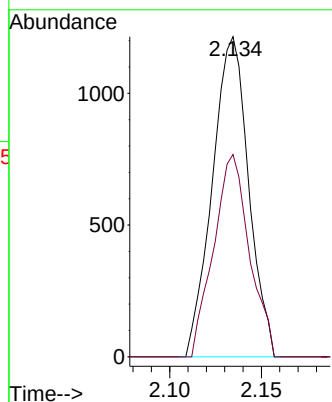
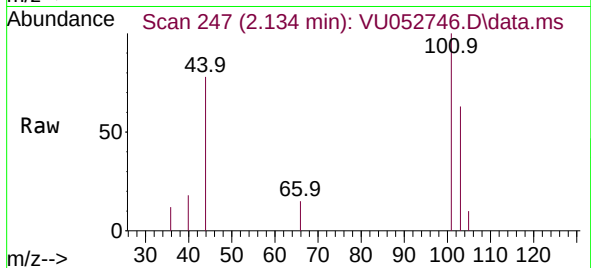




#7
 Trichlorofluoromethane
 Concen: 0.432 ug/l
 RT: 2.134 min Scan# 248
 Delta R.T. -0.003 min
 Lab File: VU052746.D
 Acq: 19 Jan 2023 19:31

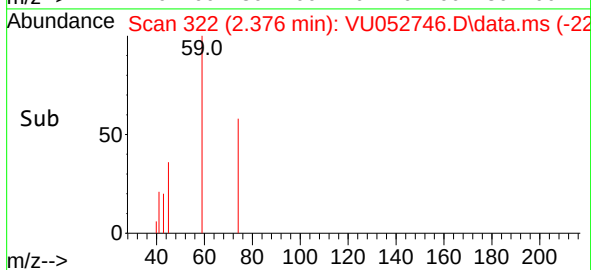
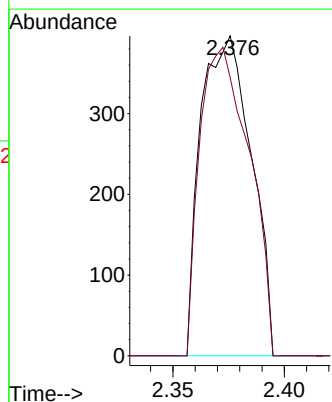
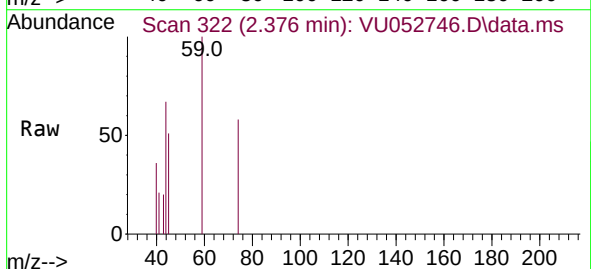
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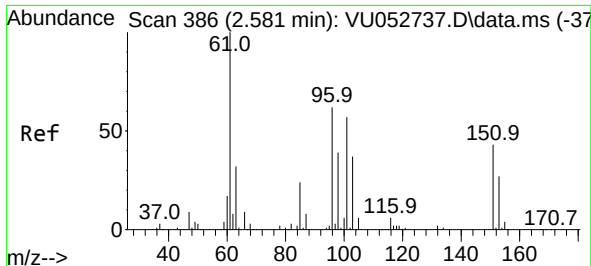
Tgt Ion:101 Resp: 1667
 Ion Ratio Lower Upper
 101 100
 103 63.2 50.7 76.1



#8
 Diethyl Ether
 Concen: 0.444 ug/l
 RT: 2.376 min Scan# 322
 Delta R.T. 0.000 min
 Lab File: VU052746.D
 Acq: 19 Jan 2023 19:31

Tgt Ion: 74 Resp: 624
 Ion Ratio Lower Upper
 74 100
 45 94.9 42.4 127.3

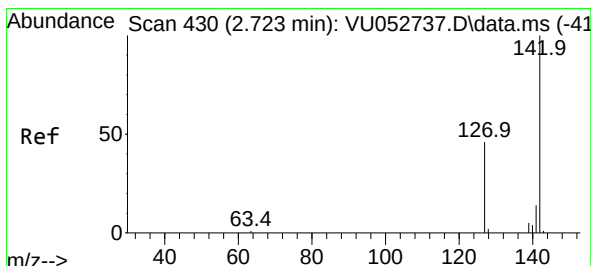
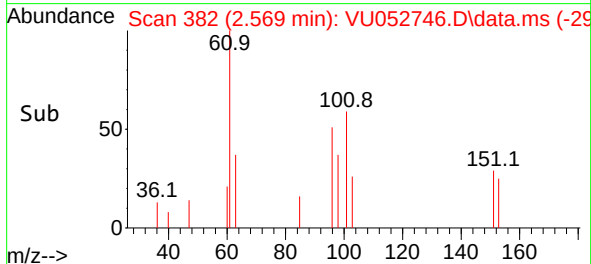
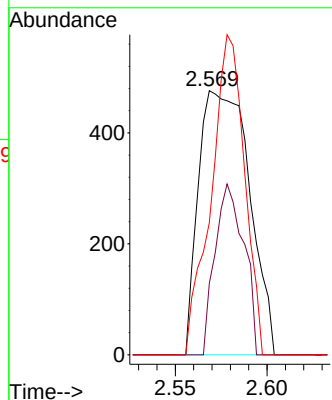
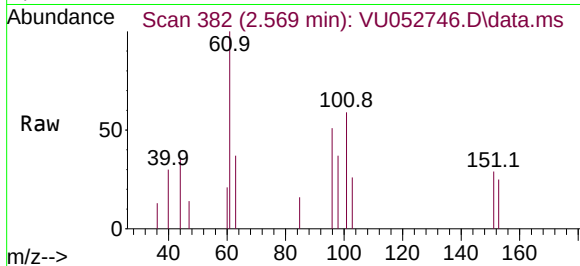




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.410 ug/l
RT: 2.569 min Scan# 31
Delta R.T. -0.013 min
Lab File: VU052746.D
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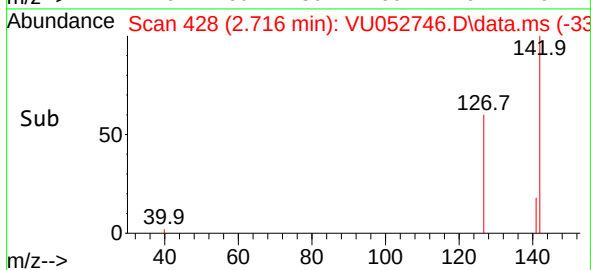
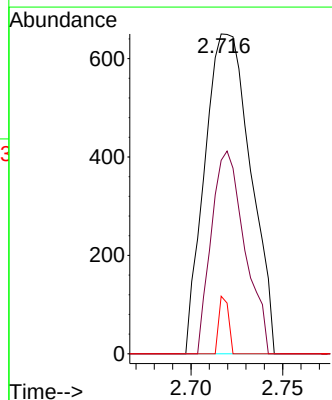
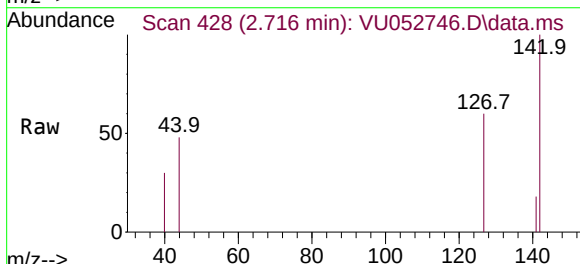
Instrument :
MSVOA_U
ClientSampleId :
MDL05

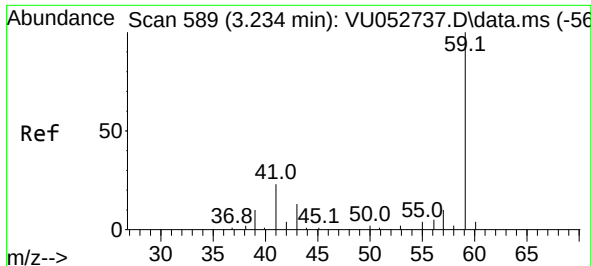
Tgt Ion:101 Resp: 916
Ion Ratio Lower Upper
101 100
85 36.7 35.1 52.7
151 79.7 61.9 92.9



#10
Methyl Iodide
Concen: 0.617 ug/l
RT: 2.716 min Scan# 428
Delta R.T. -0.007 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Tgt Ion:142 Resp: 1133
Ion Ratio Lower Upper
142 100
127 46.2 36.3 54.5
141 3.7 11.8 17.6#





#11

Tert butyl alcohol

Concen: 0.247 ug/l

RT: 3.234 min Scan# 589

Delta R.T. 0.000 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

Instrument :

MSVOA_U

ClientSampleId :

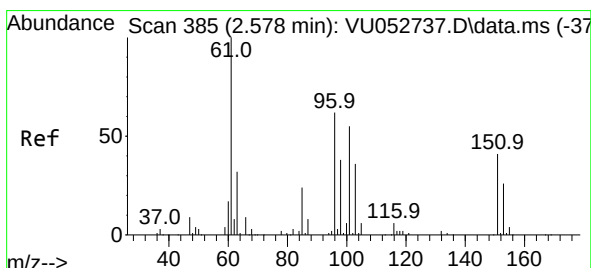
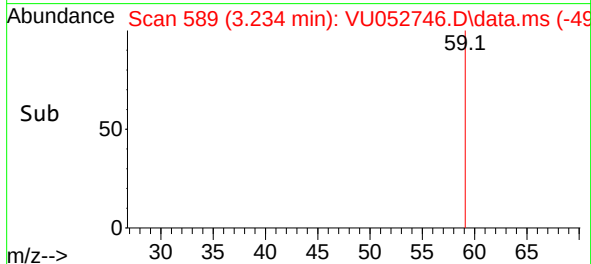
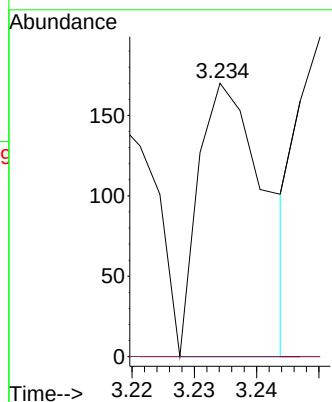
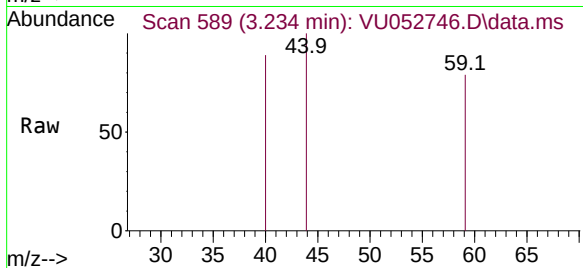
MDL05

Tgt Ion: 59 Resp: 126

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 0.461 ug/l

RT: 2.578 min Scan# 385

Delta R.T. 0.000 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

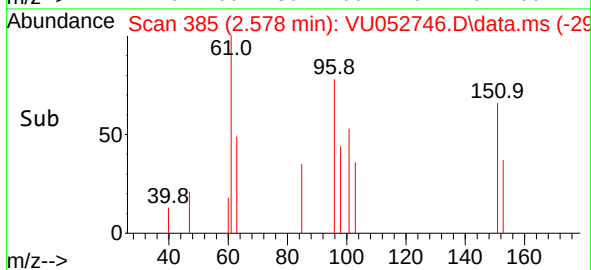
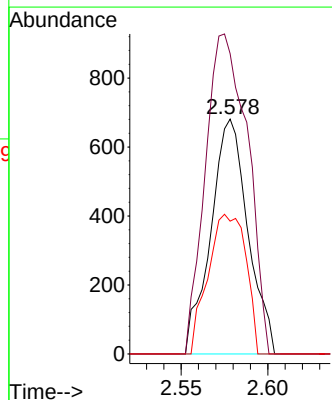
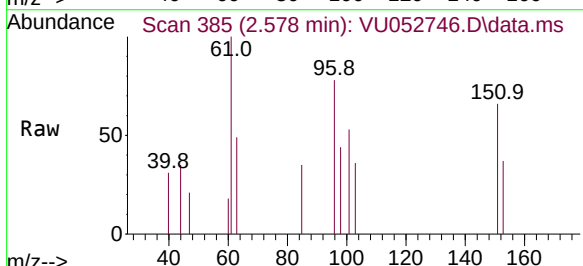
Tgt Ion: 96 Resp: 1018

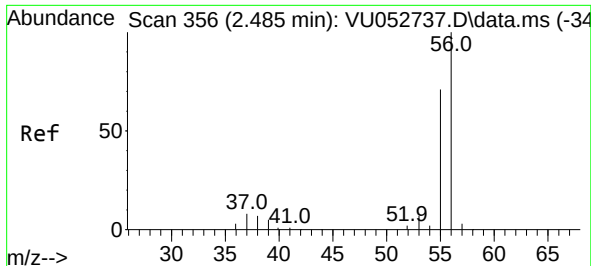
Ion Ratio Lower Upper

96 100

61 127.9 129.8 194.6#

98 56.5 49.9 74.9





#13

Acrolein

Concen: 2.357 ug/l

RT: 2.491 min Scan# 356

Delta R.T. 0.006 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

Instrument :

MSVOA_U

ClientSampleId :

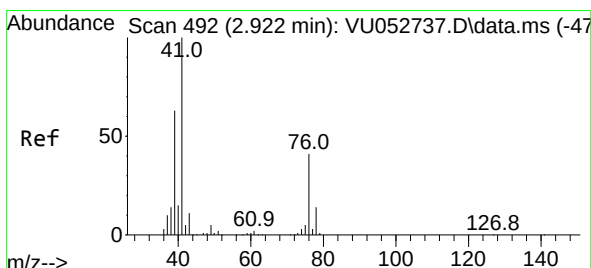
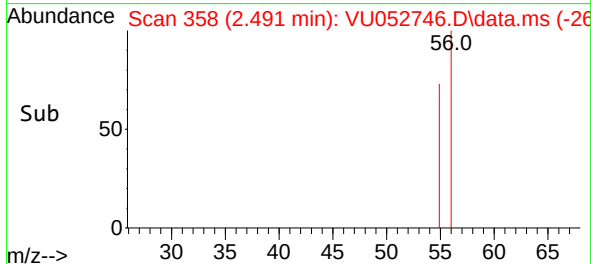
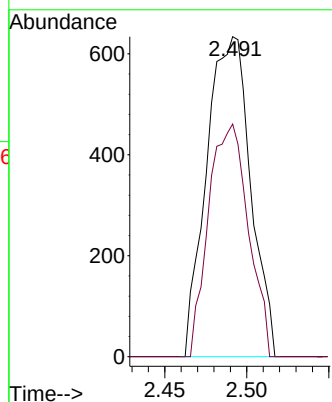
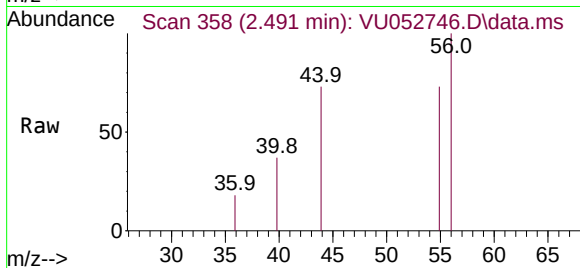
MDL05

Tgt Ion: 56 Resp: 1181

Ion Ratio Lower Upper

56 100

55 65.6 57.2 85.8



#14

Allyl chloride

Concen: 0.335 ug/l

RT: 2.919 min Scan# 491

Delta R.T. -0.003 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

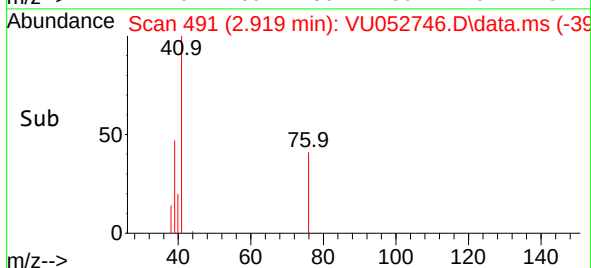
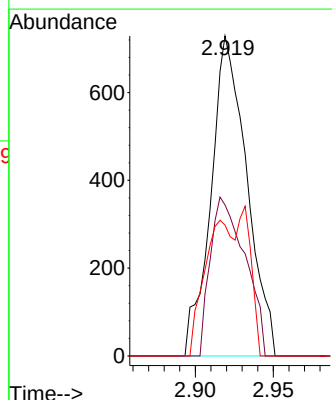
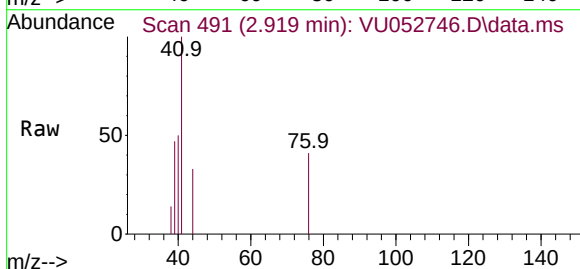
Tgt Ion: 41 Resp: 1164

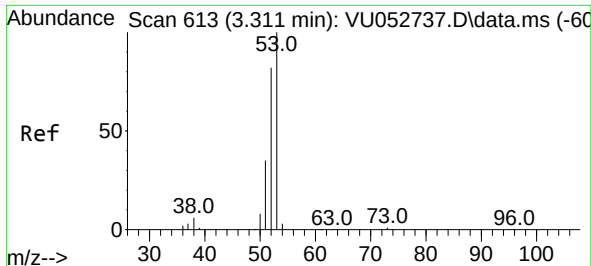
Ion Ratio Lower Upper

41 100

39 48.1 48.2 72.2#

76 35.3 29.4 44.0

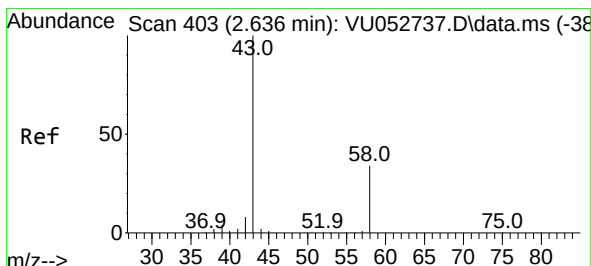
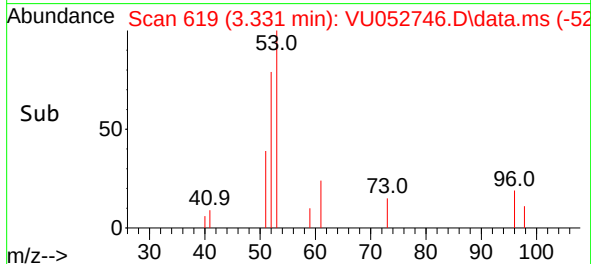
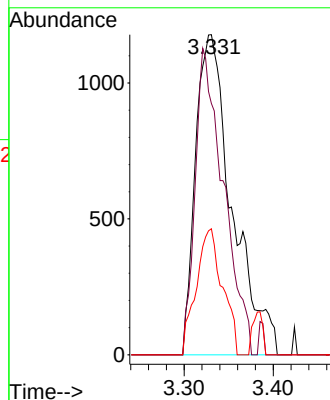
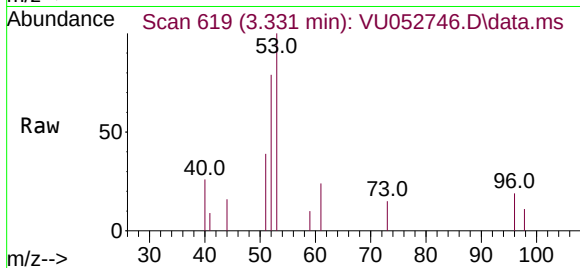




#15
Acrylonitrile
Concen: 2.391 ug/l
RT: 3.331 min Scan# 613
Delta R.T. 0.020 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

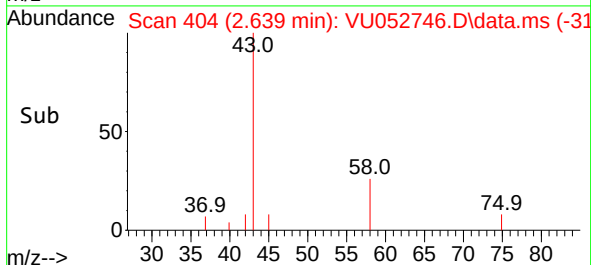
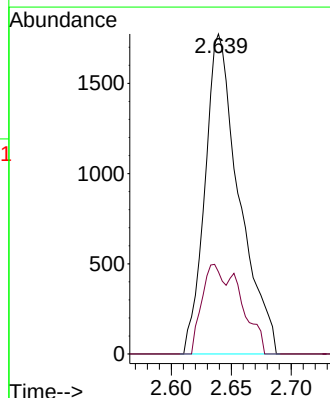
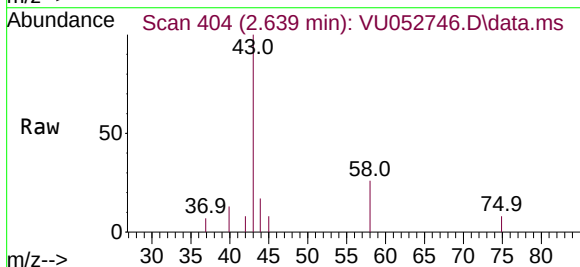
Instrument :
MSVOA_U
ClientSampleId :
MDL05

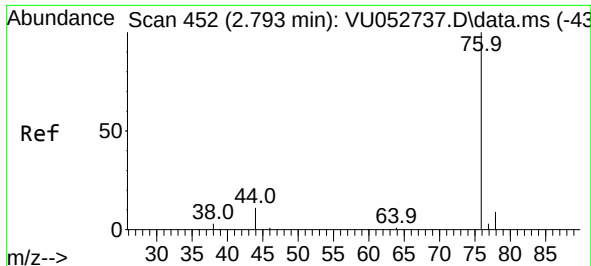
Tgt Ion: 53 Resp: 3362
Ion Ratio Lower Upper
53 100
52 74.1 64.9 97.3
51 28.2 27.6 41.4



#16
Acetone
Concen: 2.461 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.004 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Tgt Ion: 43 Resp: 3509
Ion Ratio Lower Upper
43 100
58 25.6 27.1 40.7#

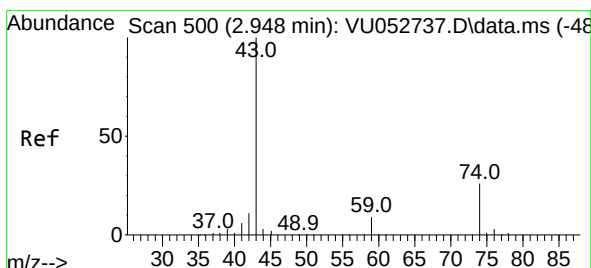
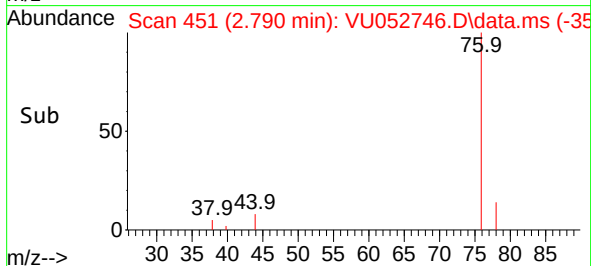
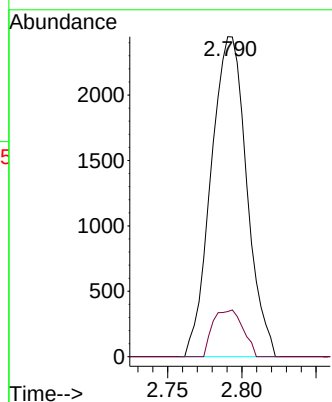
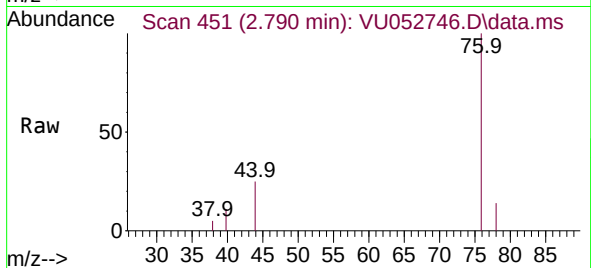




#17
Carbon Disulfide
Concen: 0.617 ug/l
RT: 2.790 min Scan# 411
Delta R.T. -0.003 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

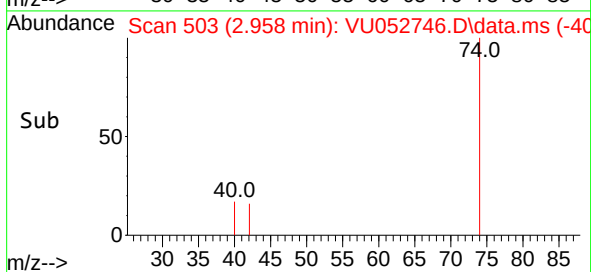
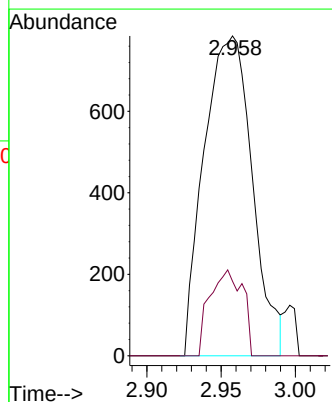
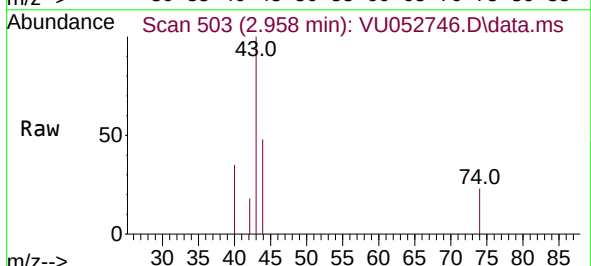
Instrument :
MSVOA_U
ClientSampleId :
MDL05

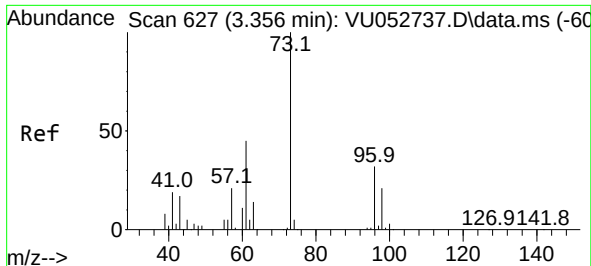
Tgt Ion: 76 Resp: 4086
Ion Ratio Lower Upper
76 100
78 14.1 7.4 11.2#



#18
Methyl Acetate
Concen: 0.449 ug/l
RT: 2.958 min Scan# 503
Delta R.T. 0.010 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Tgt Ion: 43 Resp: 1773
Ion Ratio Lower Upper
43 100
74 18.3 21.1 31.7#

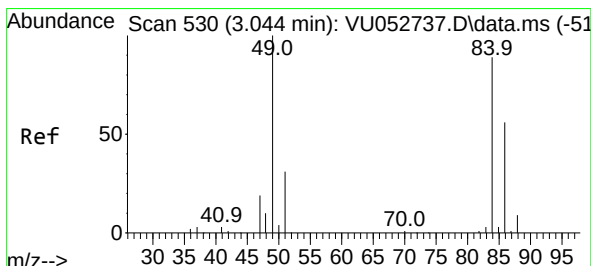
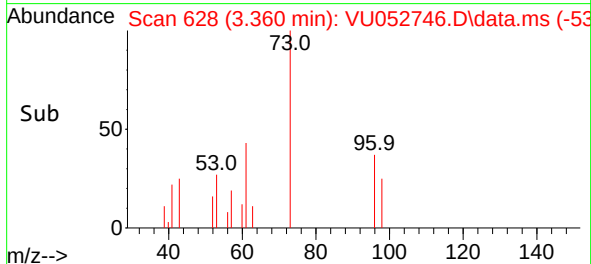
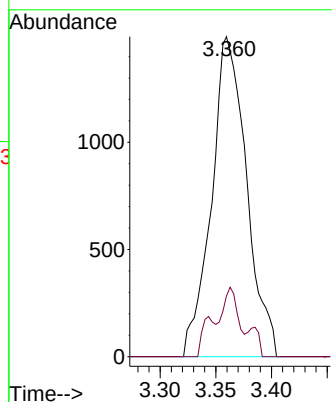
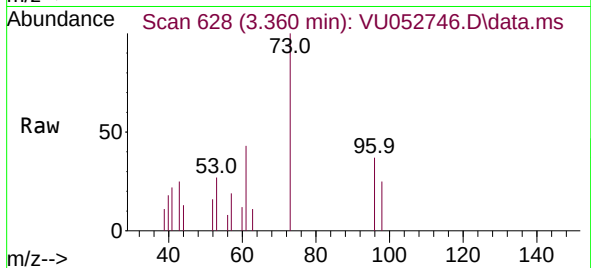




#19
Methyl tert-butyl Ether
Concen: 0.436 ug/l
RT: 3.360 min Scan# 61
Delta R.T. 0.004 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

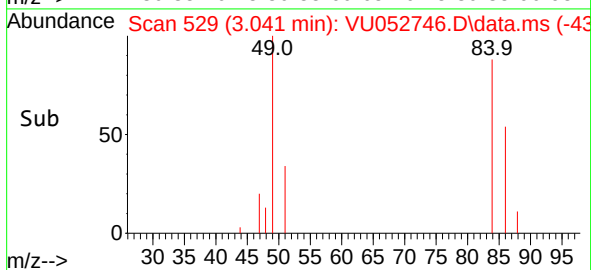
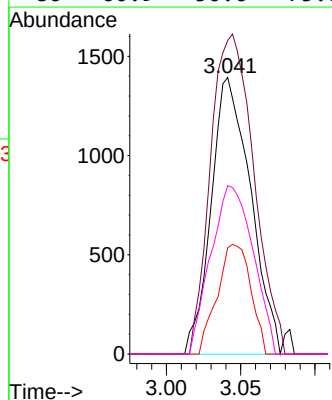
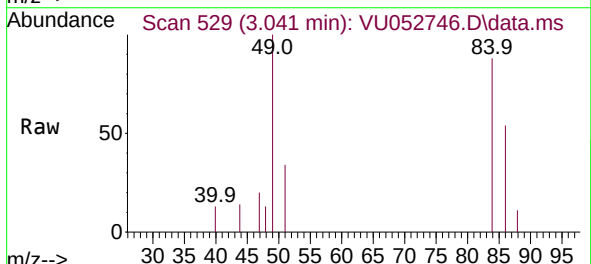
Instrument :
MSVOA_U
ClientSampleId :
MDL05

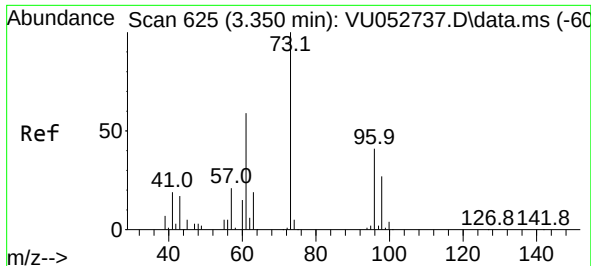
Tgt Ion: 73 Resp: 3265
Ion Ratio Lower Upper
73 100
57 19.0 16.9 25.3



#20
Methylene Chloride
Concen: 0.801 ug/l
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Tgt Ion: 84 Resp: 2571
Ion Ratio Lower Upper
84 100
49 113.3 90.2 135.4
51 38.5 28.1 42.1
86 60.9 50.6 75.8

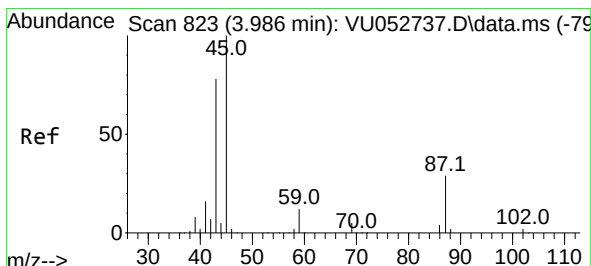
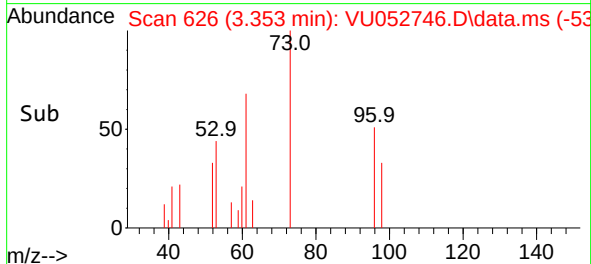
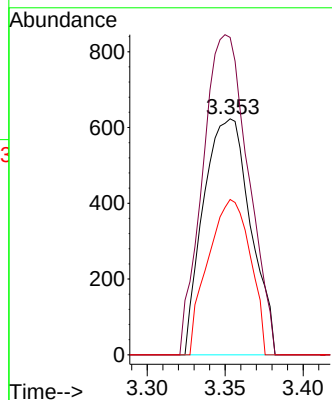
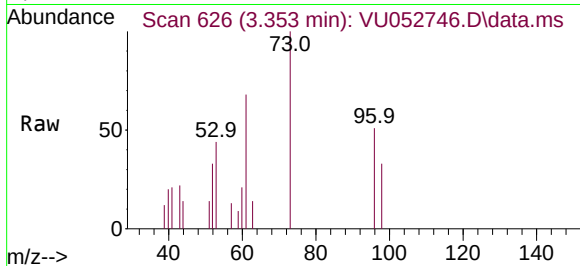




#21
trans-1,2-Dichloroethene
Concen: 0.550 ug/l
RT: 3.353 min Scan# 61
Delta R.T. 0.004 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

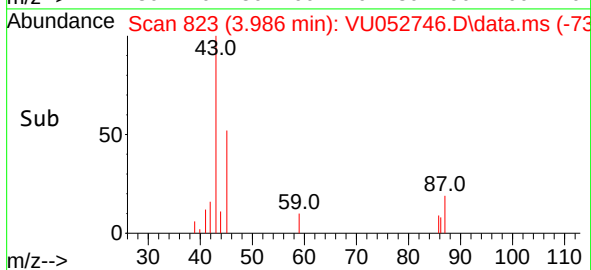
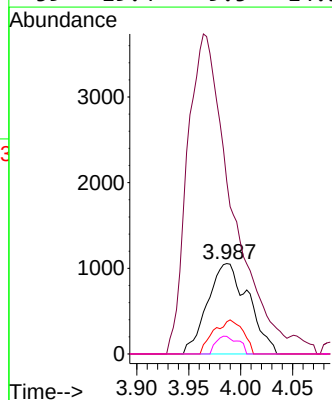
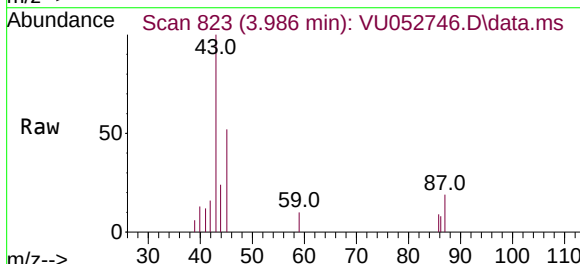
Instrument :
MSVOA_U
ClientSampleId :
MDL05

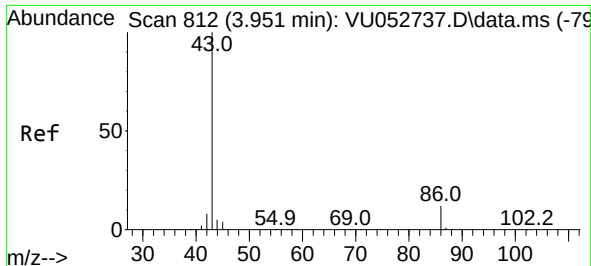
Tgt Ion: 96 Resp: 1310
Ion Ratio Lower Upper
96 100
61 134.5 114.7 172.1
98 65.8 52.4 78.6



#22
Diisopropyl ether
Concen: 0.400 ug/l
RT: 3.986 min Scan# 823
Delta R.T. 0.000 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Tgt Ion: 45 Resp: 2895
Ion Ratio Lower Upper
45 100
43 166.1 64.6 97.0#
87 35.6 23.2 34.8#
59 19.4 9.5 14.3#

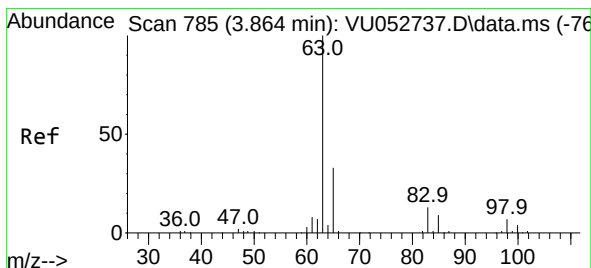
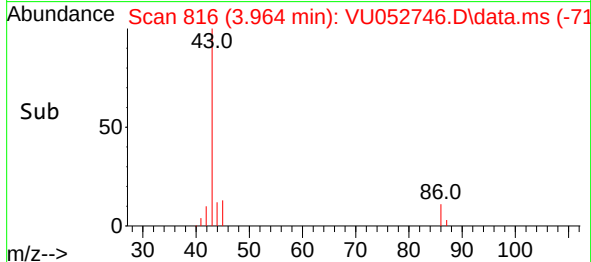
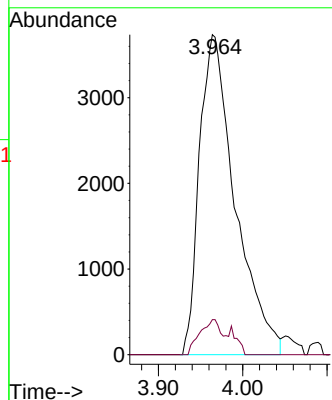
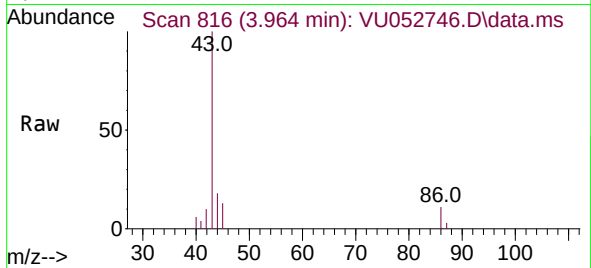




#23
 Vinyl Acetate
 Concen: 1.983 ug/l
 RT: 3.964 min Scan# 812
 Delta R.T. 0.013 min
 Lab File: VU052746.D
 Acq: 19 Jan 2023 19:31

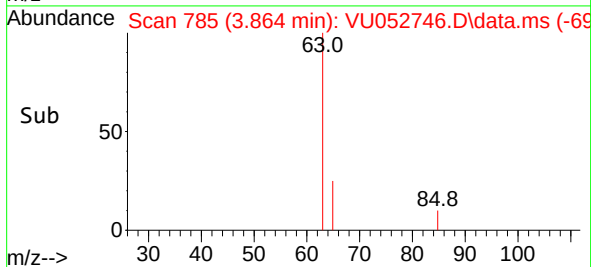
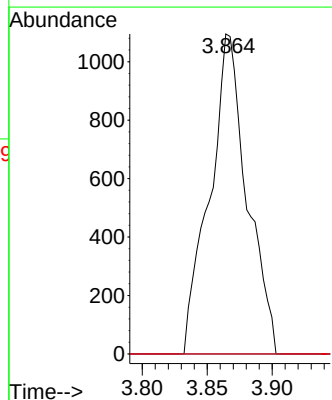
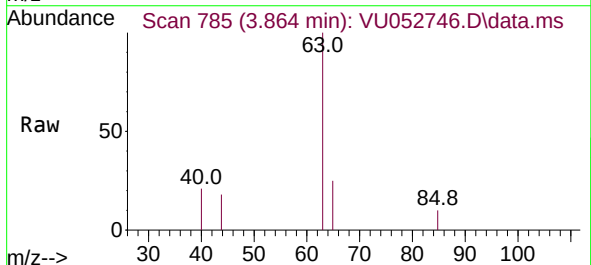
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

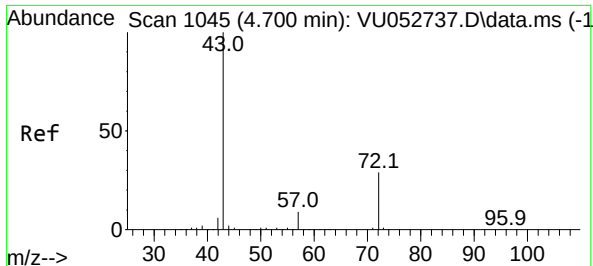
Tgt Ion: 43 Resp: 11009
 Ion Ratio Lower Upper
 43 100
 86 11.0 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 0.476 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VU052746.D
 Acq: 19 Jan 2023 19:31

Tgt Ion: 63 Resp: 2186
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.9#
 100 0.0 2.2 6.6#





#25

2-Butanone

Concen: 1.782 ug/l

RT: 4.726 min Scan# 1053

Delta R.T. 0.026 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

Instrument :

MSVOA_U

ClientSampleId :

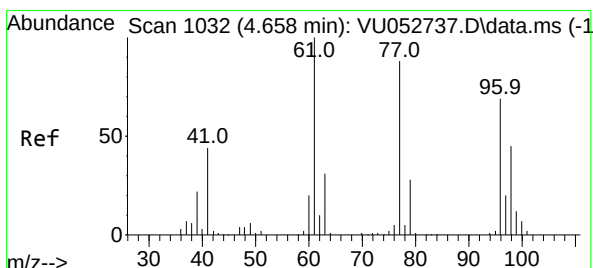
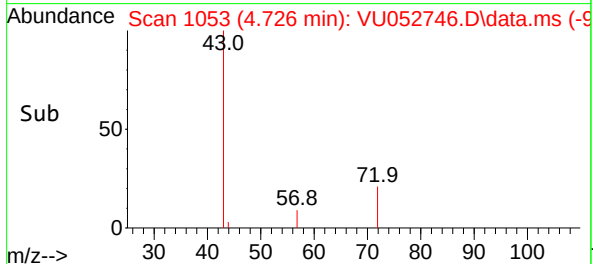
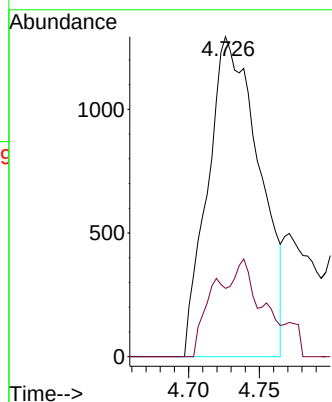
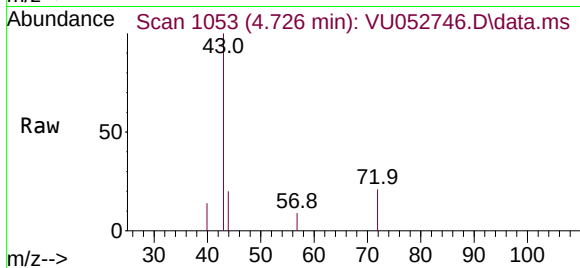
MDL05

Tgt Ion: 43 Resp: 3276

Ion Ratio Lower Upper

43 100

72 21.3 23.3 34.9#



#26

2,2-Dichloropropane

Concen: 0.438 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.010 min

Lab File: VU052746.D

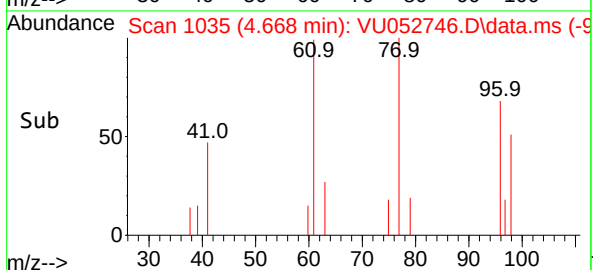
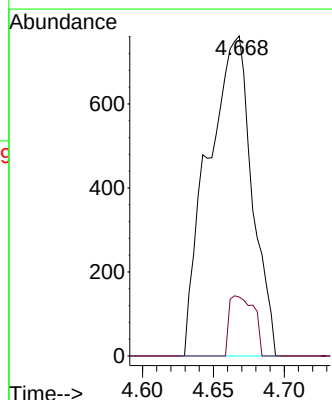
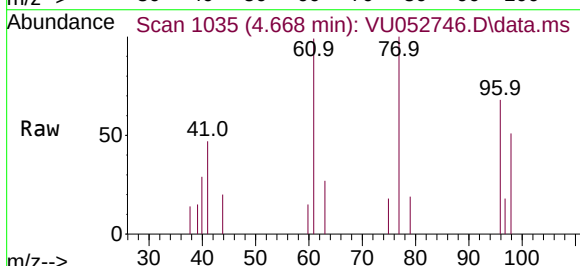
Acq: 19 Jan 2023 19:31

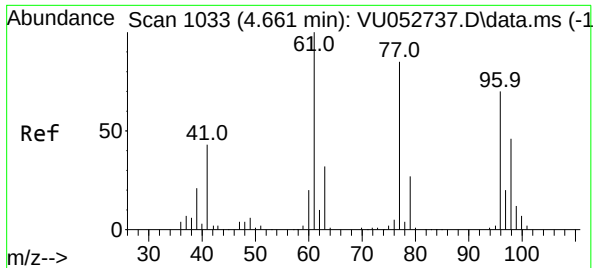
Tgt Ion: 77 Resp: 1650

Ion Ratio Lower Upper

77 100

97 10.5 11.3 33.8#

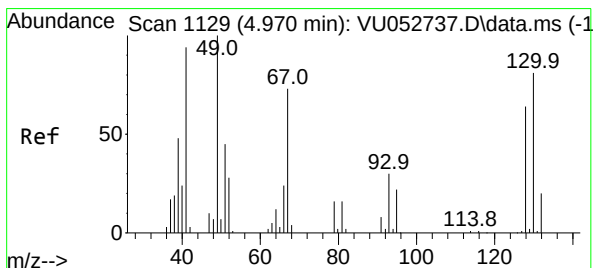
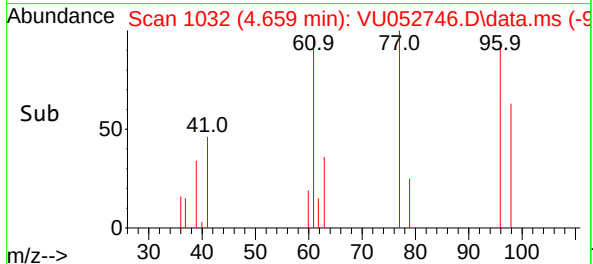
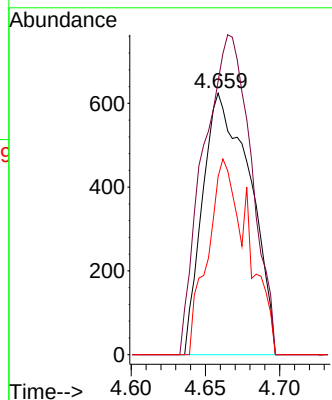
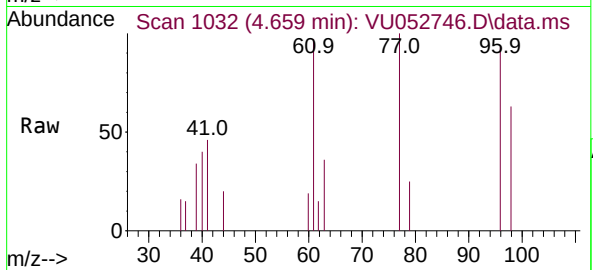




#27
 cis-1,2-Dichloroethene
 Concen: 0.529 ug/l
 RT: 4.659 min Scan# 1130
 Delta R.T. -0.003 min
 Lab File: VU052746.D
 Acq: 19 Jan 2023 19:31

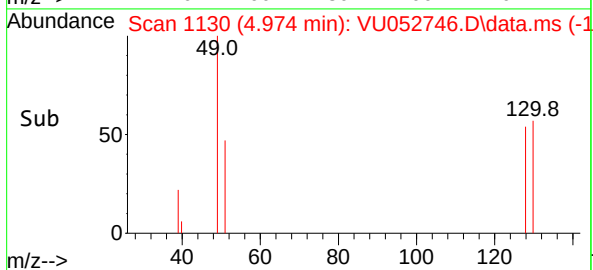
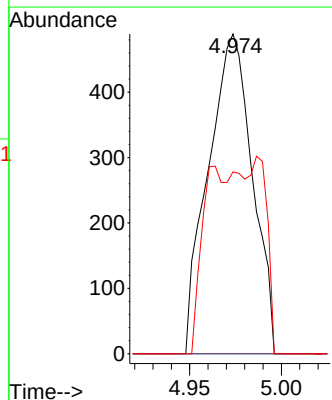
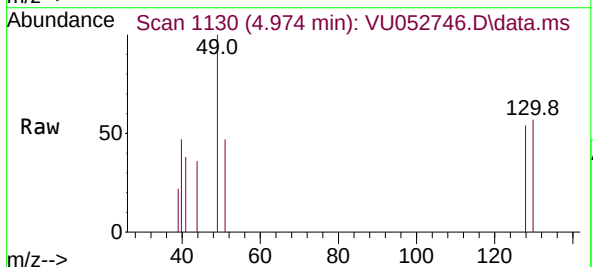
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

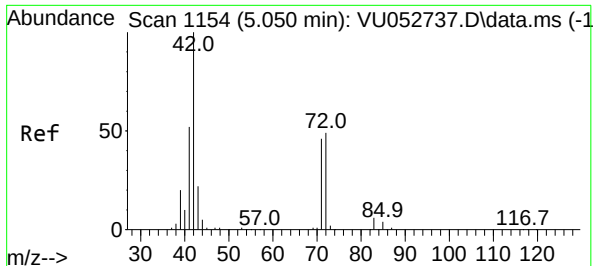
Tgt Ion: 96 Resp: 1383
 Ion Ratio Lower Upper
 96 100
 61 123.9 0.0 287.2
 98 63.9 0.0 128.4



#28
 Bromochloromethane
 Concen: 0.426 ug/l
 RT: 4.974 min Scan# 1130
 Delta R.T. 0.004 min
 Lab File: VU052746.D
 Acq: 19 Jan 2023 19:31

Tgt Ion: 49 Resp: 817
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 33.8 65.5 98.3#





#29

Tetrahydrofuran

Concen: 2.265 ug/l

RT: 5.076 min Scan# 1162

Delta R.T. 0.026 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

Instrument :

MSVOA_U

ClientSampleId :

MDL05

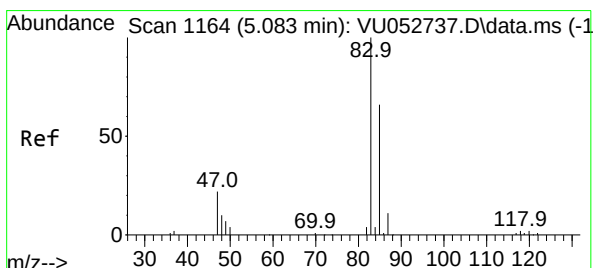
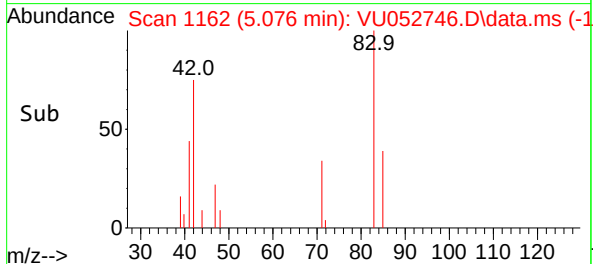
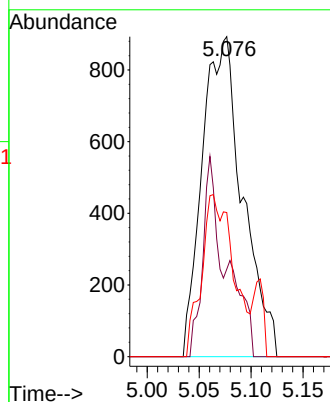
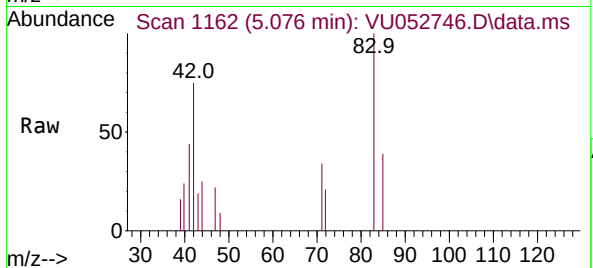
Tgt Ion: 42 Resp: 2417

Ion Ratio Lower Upper

42 100

72 23.5 40.5 60.7#

71 39.9 37.4 56.0



#30

Chloroform

Concen: 0.553 ug/l

RT: 5.083 min Scan# 1164

Delta R.T. 0.000 min

Lab File: VU052746.D

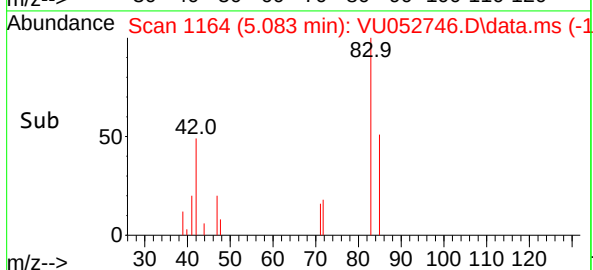
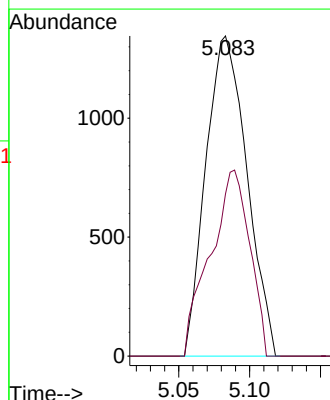
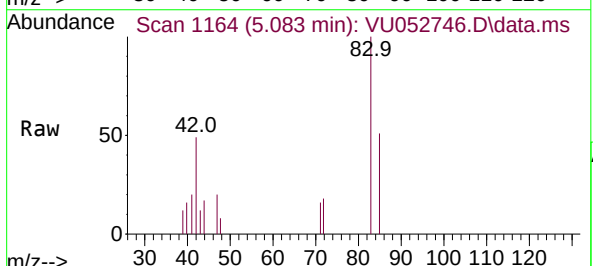
Acq: 19 Jan 2023 19:31

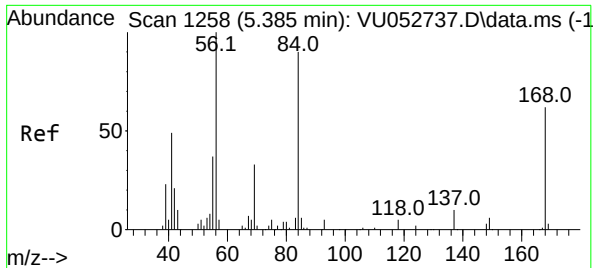
Tgt Ion: 83 Resp: 2712

Ion Ratio Lower Upper

83 100

85 50.6 52.6 79.0#

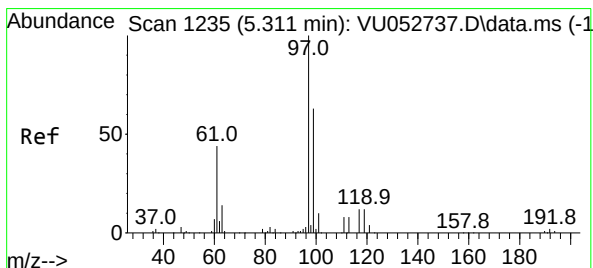
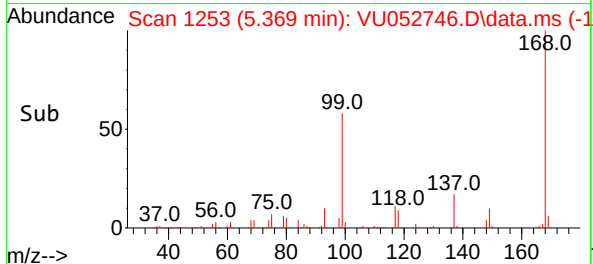
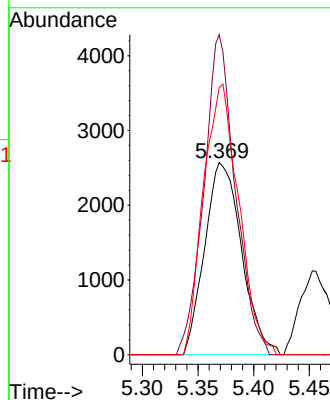
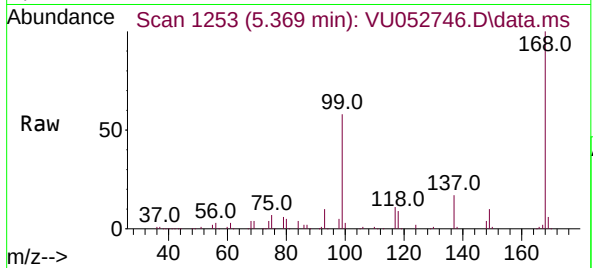




#31
Cyclohexane
Concen: 1.412 ug/l
RT: 5.369 min Scan# 1253
Delta R.T. -0.016 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

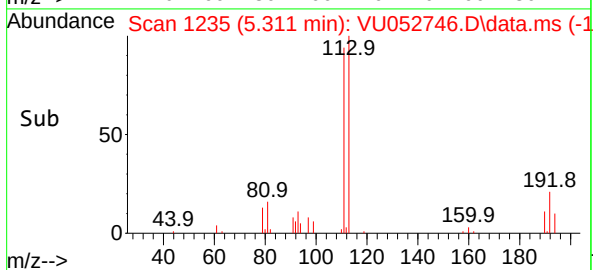
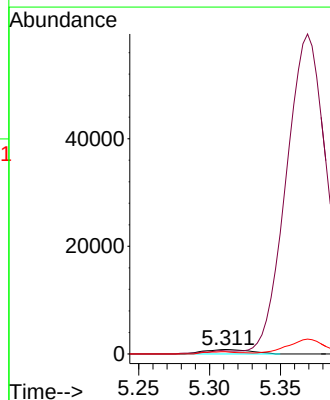
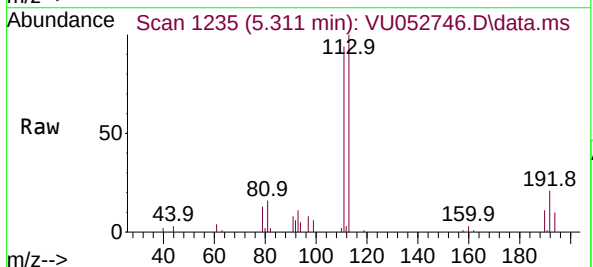
Instrument :
MSVOA_U
ClientSampleId :
MDL05

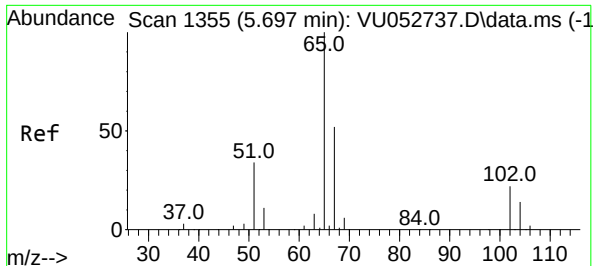
Tgt Ion: 56 Resp: 5918
Ion Ratio Lower Upper
56 100
69 166.5 26.2 39.2#
84 139.1 72.2 108.4#



#32
1,1,1-Trichloroethane
Concen: 0.463 ug/l
RT: 5.311 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Tgt Ion: 97 Resp: 1861
Ion Ratio Lower Upper
97 100
99 0.0 50.5 75.7#
61 38.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 51.187 ug/l

RT: 5.694 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

Instrument :

MSVOA_U

ClientSampleId :

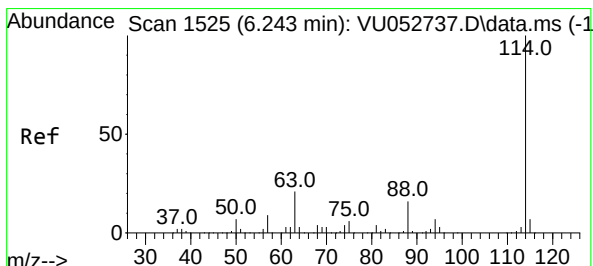
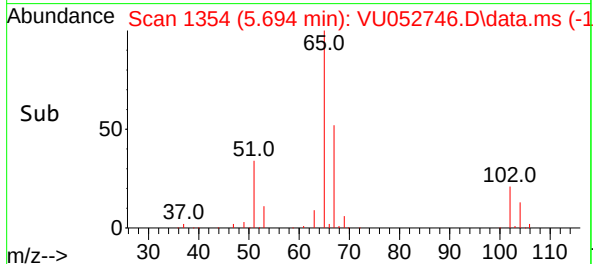
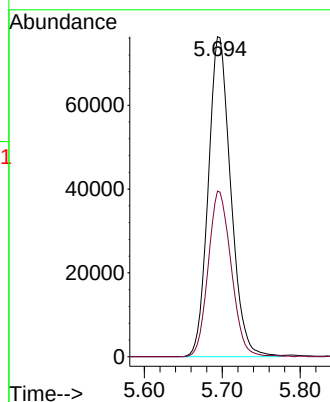
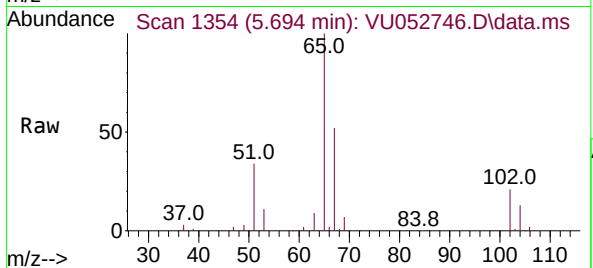
MDL05

Tgt Ion: 65 Resp: 153106

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.244 min Scan# 1525

Delta R.T. 0.001 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

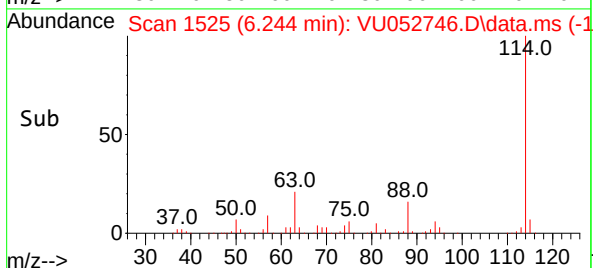
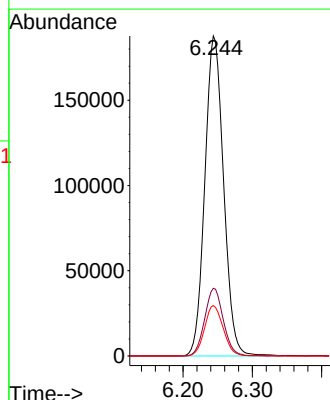
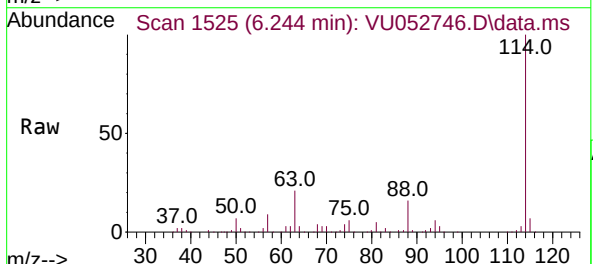
Tgt Ion: 114 Resp: 352409

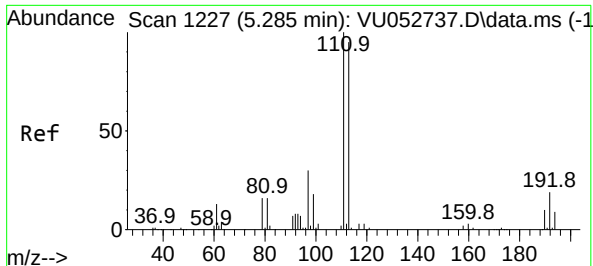
Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.4

88 15.7 0.0 32.8

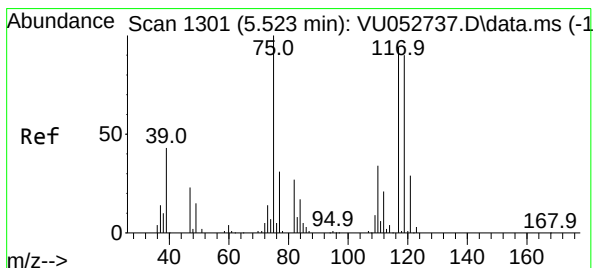
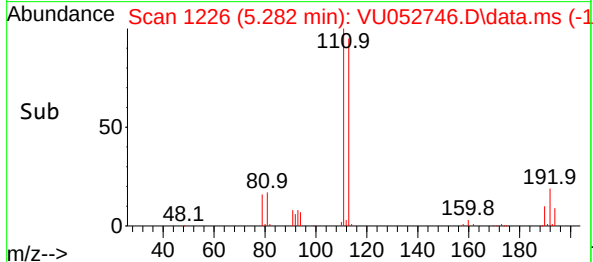
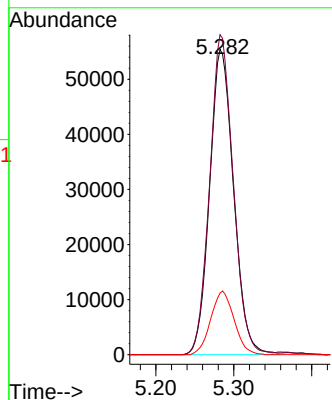
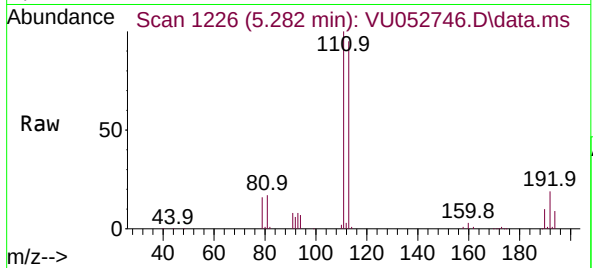




#35
Dibromofluoromethane
Concen: 48.310 ug/l
RT: 5.282 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

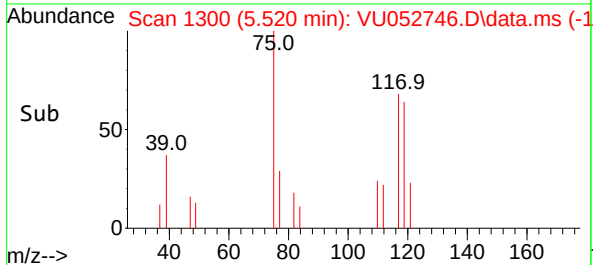
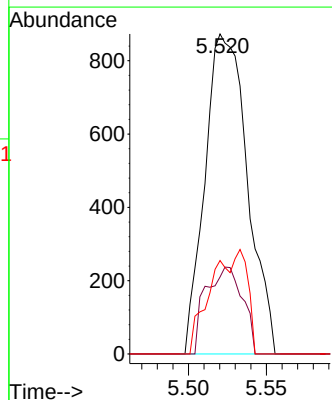
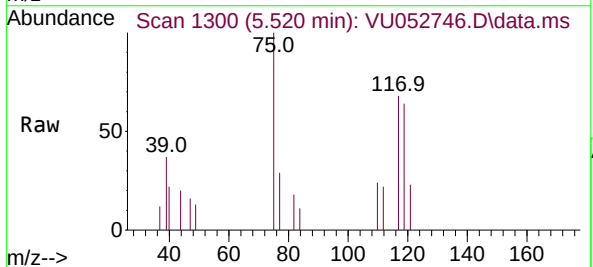
Instrument :
MSVOA_U
ClientSampleId :
MDL05

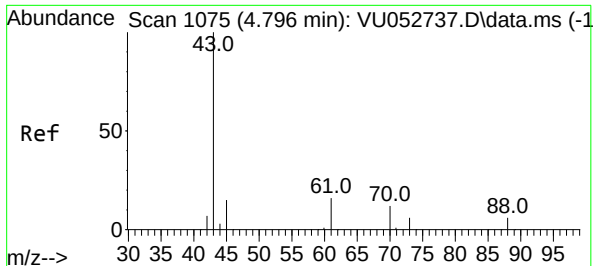
Tgt Ion:113 Resp: 118547
Ion Ratio Lower Upper
113 100
111 103.1 81.2 121.8
192 20.3 15.7 23.5



#36
1,1-Dichloropropene
Concen: 0.468 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. -0.003 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Tgt Ion: 75 Resp: 1649
Ion Ratio Lower Upper
75 100
110 23.4 17.1 51.2
77 17.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 0.312 ug/l

RT: 4.816 min Scan# 1081

Delta R.T. 0.020 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

Instrument :

MSVOA_U

ClientSampleId :

MDL05

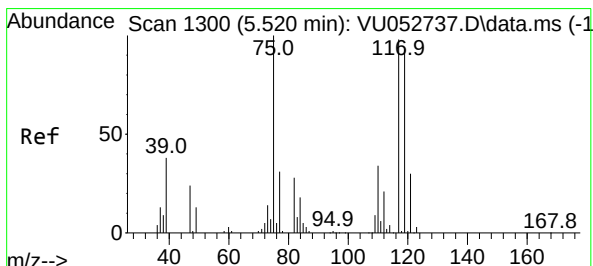
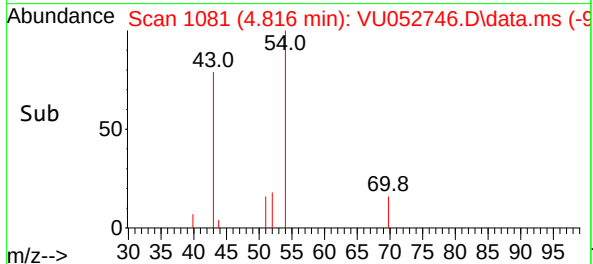
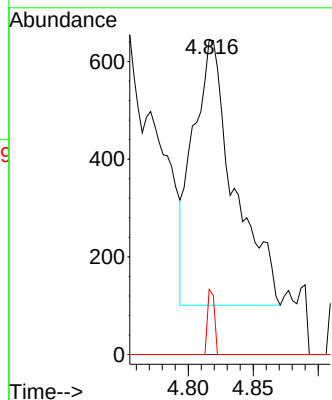
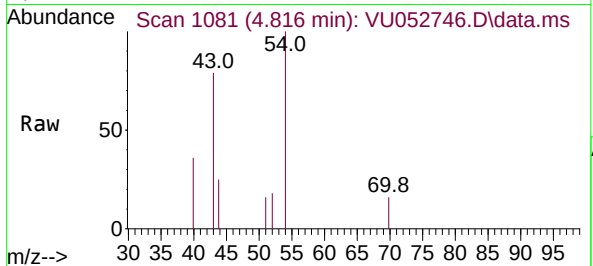
Tgt Ion: 43 Resp: 1196

Ion Ratio Lower Upper

43 100

61 0.0 12.2 18.4#

70 4.1 8.9 13.3#



#38

Carbon Tetrachloride

Concen: 0.368 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

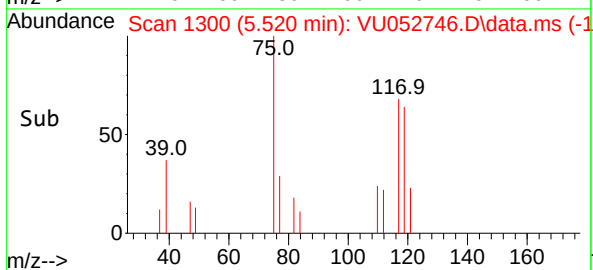
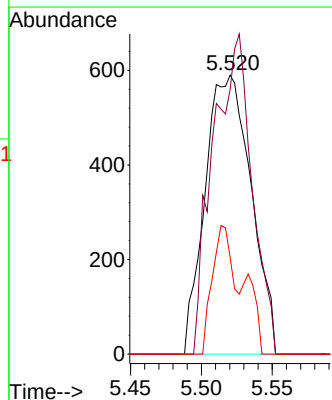
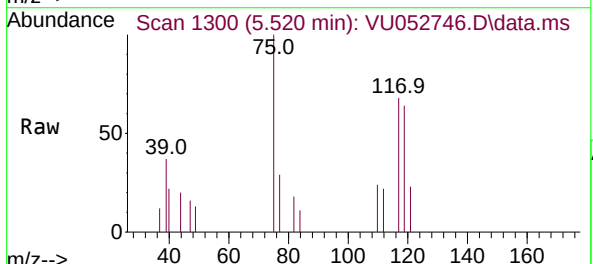
Tgt Ion: 117 Resp: 1333

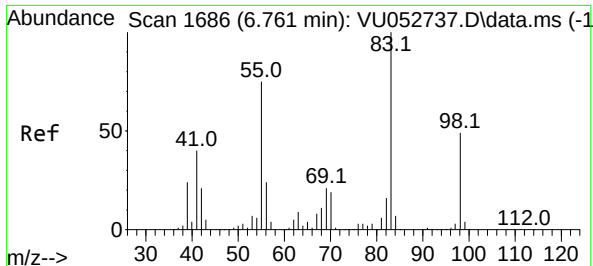
Ion Ratio Lower Upper

117 100

119 94.9 75.6 113.4

121 34.7 24.2 36.4





#39

Methylcyclohexane

Concen: 0.509 ug/l

RT: 6.761 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

Instrument :

MSVOA_U

ClientSampleId :

MDL05

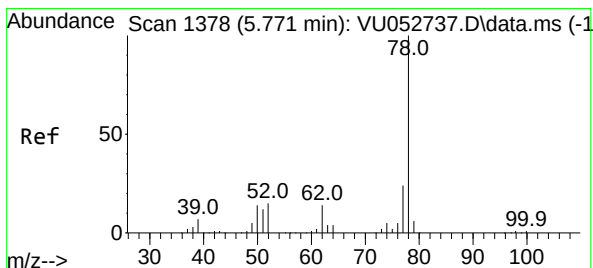
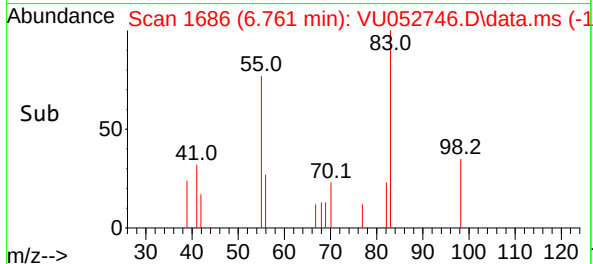
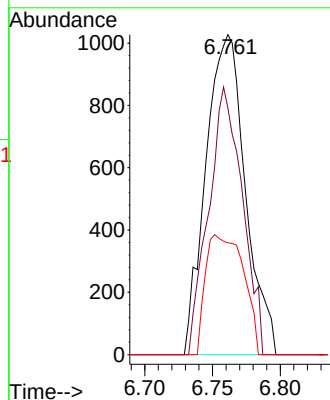
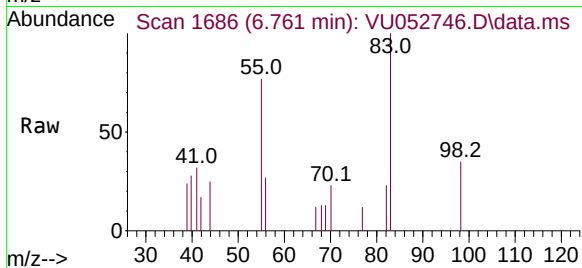
Tgt Ion: 83 Resp: 2086

Ion Ratio Lower Upper

83 100

55 77.1 60.4 90.6

98 35.0 38.9 58.3#



#40

Benzene

Concen: 0.454 ug/l

RT: 5.771 min Scan# 1378

Delta R.T. 0.000 min

Lab File: VU052746.D

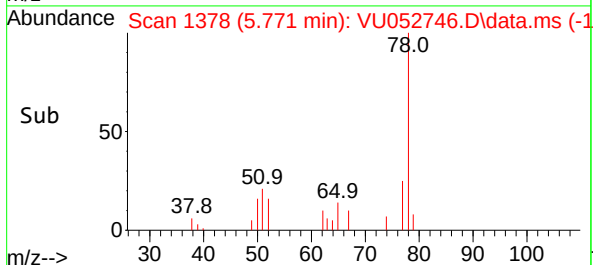
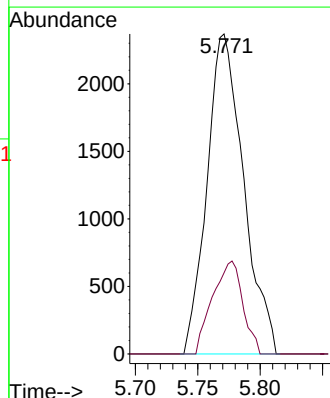
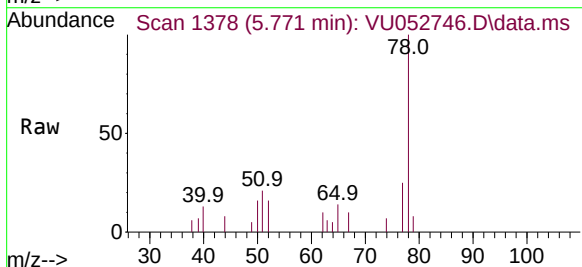
Acq: 19 Jan 2023 19:31

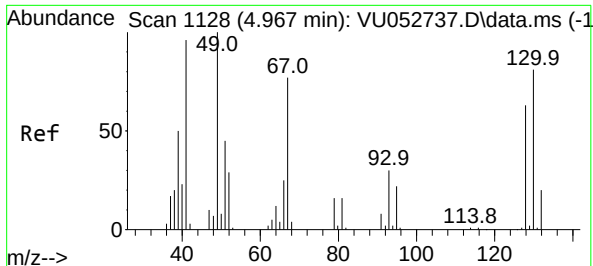
Tgt Ion: 78 Resp: 4828

Ion Ratio Lower Upper

78 100

77 25.4 18.9 28.3

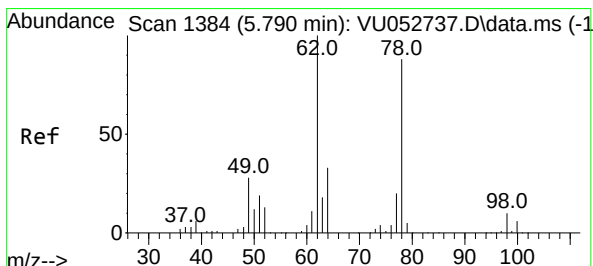
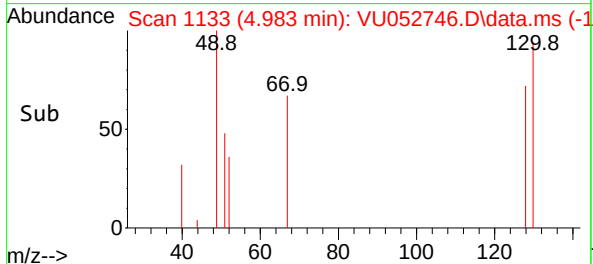
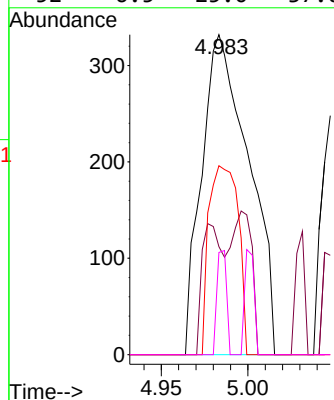
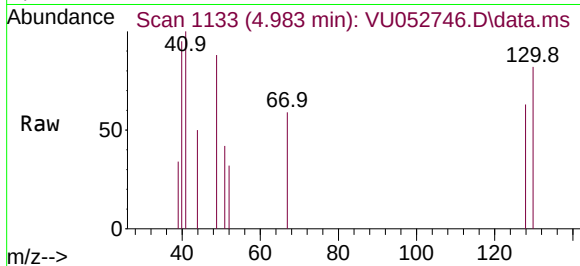




#41
Methacrylonitrile
Concen: 0.339 ug/l
RT: 4.983 min Scan# 1128
Delta R.T. 0.016 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

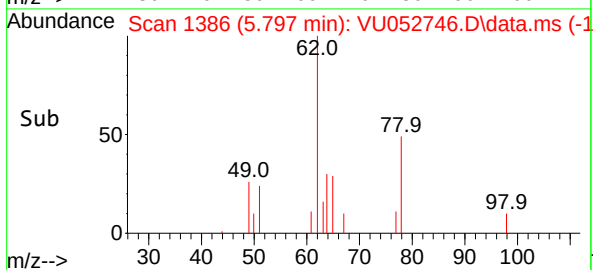
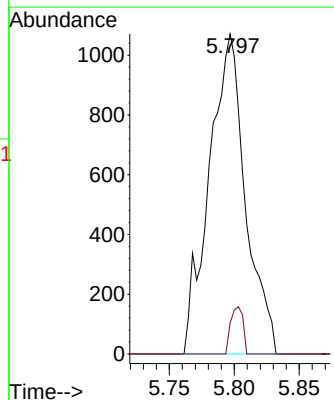
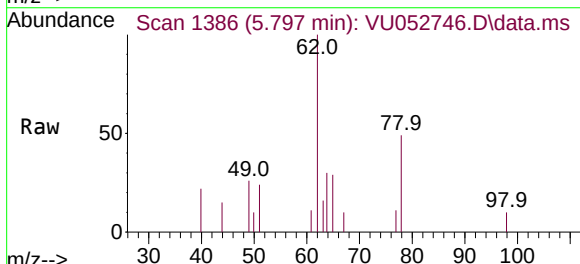
Instrument :
MSVOA_U
ClientSampleId :
MDL05

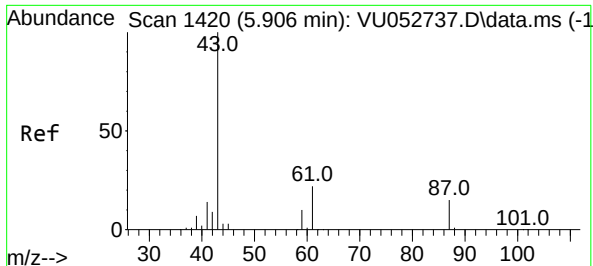
Tgt Ion: 41	Resp: 628
Ion Ratio	Lower Upper
41 100	
39 18.2	42.2 63.2#
67 36.6	65.0 97.6#
52 6.5	25.0 37.6#



#42
1,2-Dichloroethane
Concen: 0.541 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.007 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Tgt Ion: 62	Resp:	2078	
Ion	Ratio	Lower	Upper
62	100		
98	5.0	0.0	19.0





#43

Isopropyl Acetate

Concen: 0.409 ug/l

RT: 5.916 min Scan# 1420

Delta R.T. 0.010 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

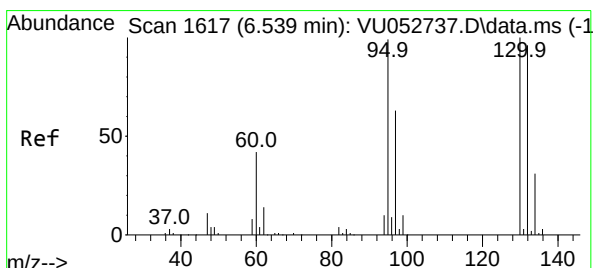
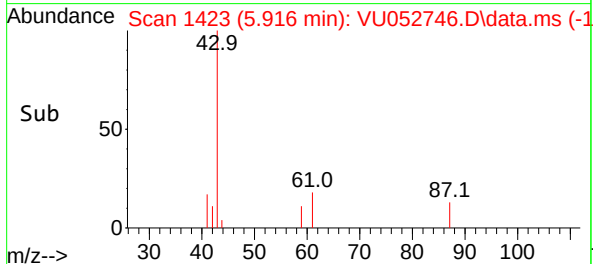
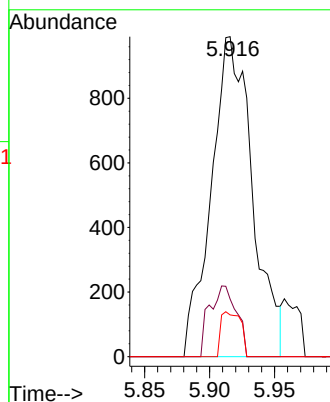
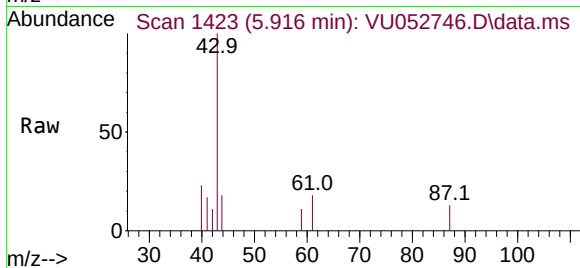
Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion: 43	Resp:	2184
Ion Ratio	Lower	Upper
43	100	
61	14.4	18.1 27.1#
87	6.6	11.7 17.5#



#44

Trichloroethene

Concen: 0.455 ug/l

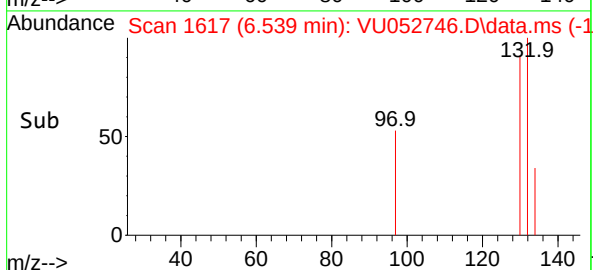
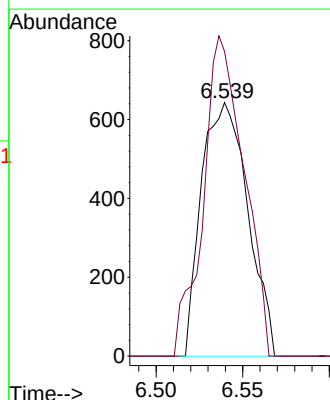
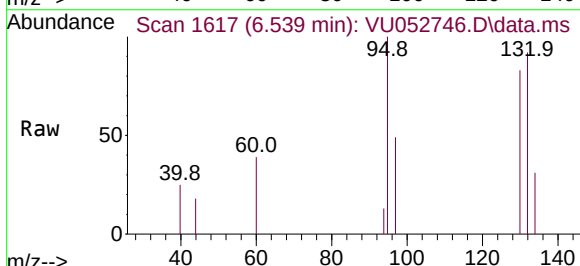
RT: 6.539 min Scan# 1617

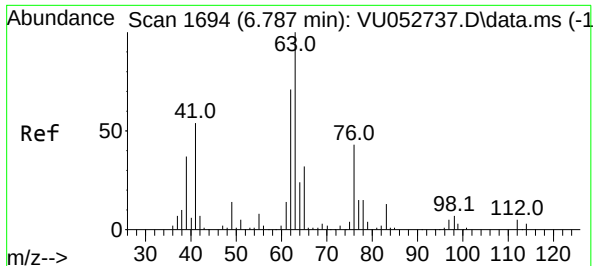
Delta R.T. 0.000 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

Tgt Ion: 130	Resp:	1196
Ion Ratio	Lower	Upper
130	100	
95	120.2	0.0 198.2





#45

1,2-Dichloropropane

Concen: 0.397 ug/l

RT: 6.787 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

Instrument :

MSVOA_U

ClientSampleId :

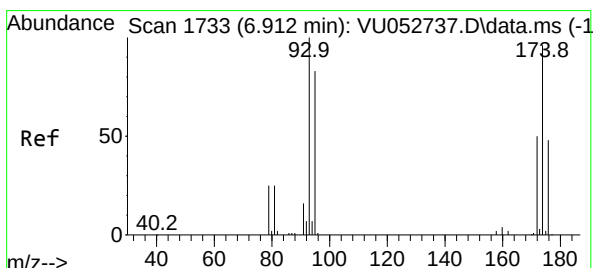
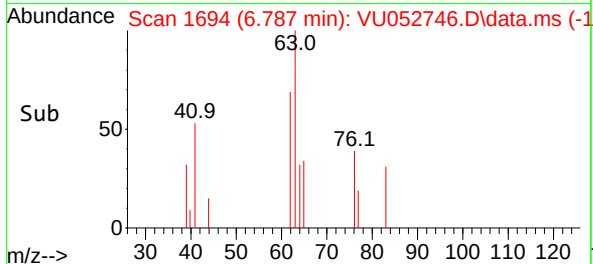
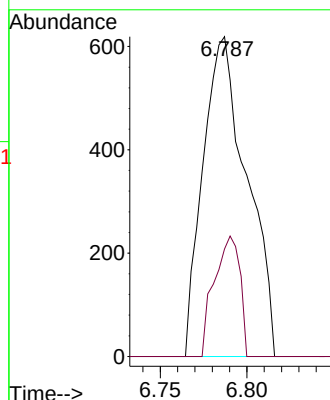
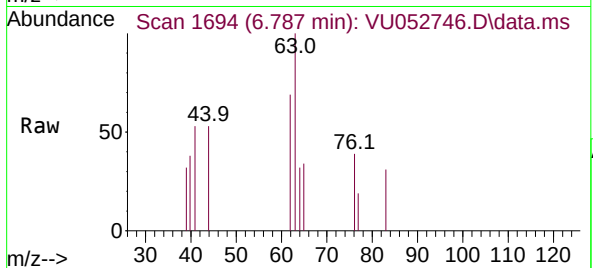
MDL05

Tgt Ion: 63 Resp: 1088

Ion Ratio Lower Upper

63 100

65 33.6 26.0 39.0



#46

Dibromomethane

Concen: 0.453 ug/l

RT: 6.916 min Scan# 1734

Delta R.T. 0.004 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

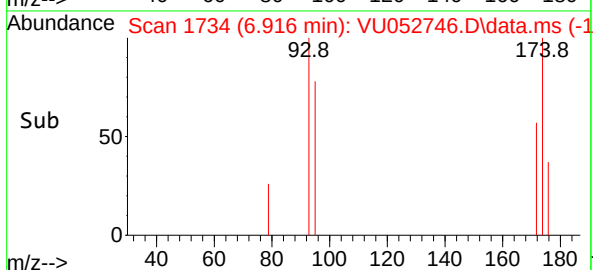
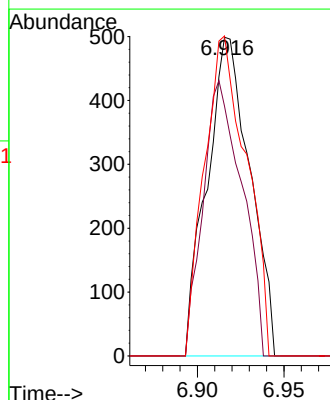
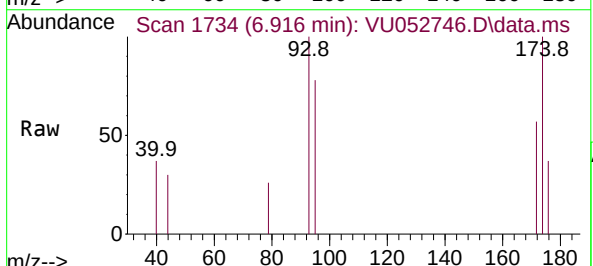
Tgt Ion: 93 Resp: 860

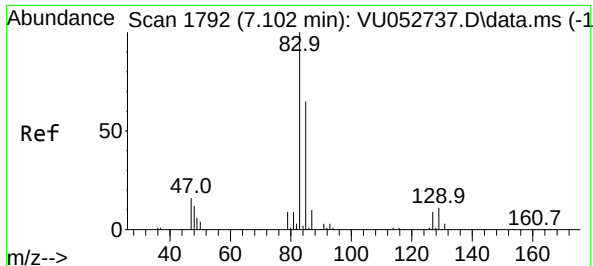
Ion Ratio Lower Upper

93 100

95 78.3 66.6 99.8

174 98.6 78.6 117.8

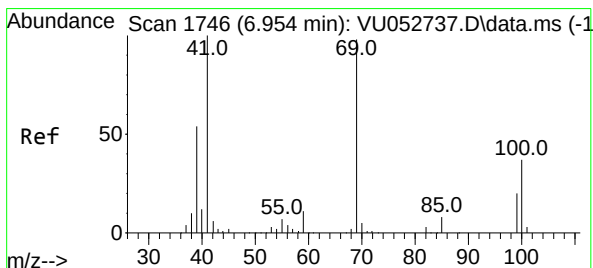
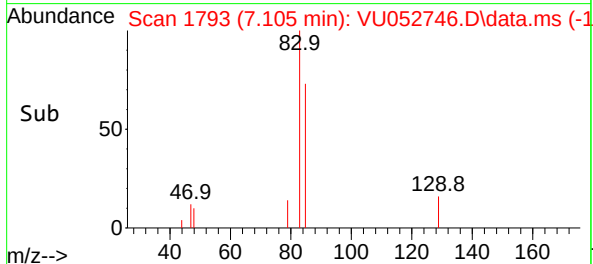
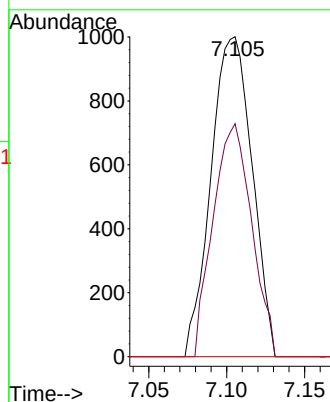
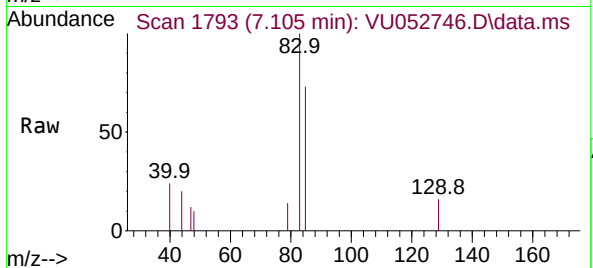




#47
Bromodichloromethane
Concen: 0.484 ug/l
RT: 7.105 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

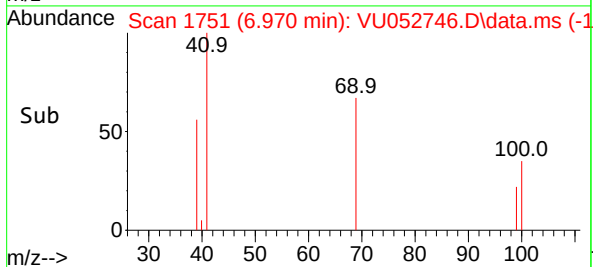
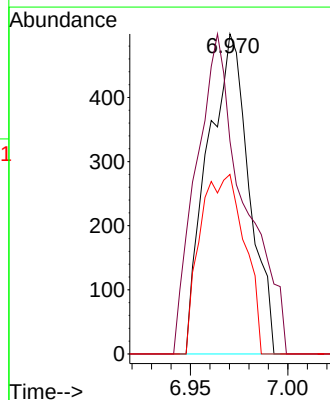
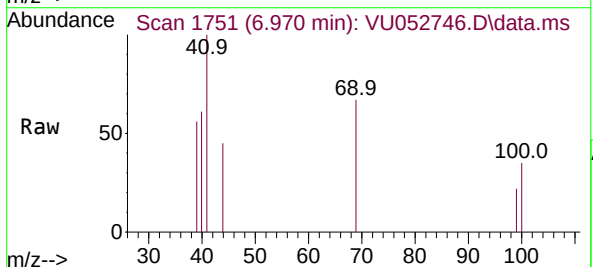
Instrument :
MSVOA_U
ClientSampleId :
MDL05

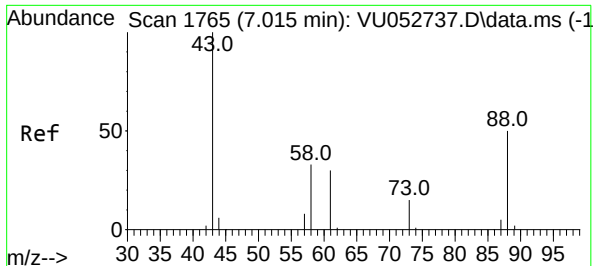
Tgt Ion: 83 Resp: 1838
Ion Ratio Lower Upper
83 100
85 72.8 51.6 77.4
127 0.0 6.9 10.3#



#48
Methyl methacrylate
Concen: 0.304 ug/l
RT: 6.970 min Scan# 1751
Delta R.T. 0.016 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Tgt Ion: 41 Resp: 740
Ion Ratio Lower Upper
41 100
69 115.1 77.2 115.8
39 60.1 42.9 64.3





#49

1,4-Dioxane

Concen: 0.425 ug/l

RT: 7.012 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

Instrument :

MSVOA_U

ClientSampleId :

MDL05

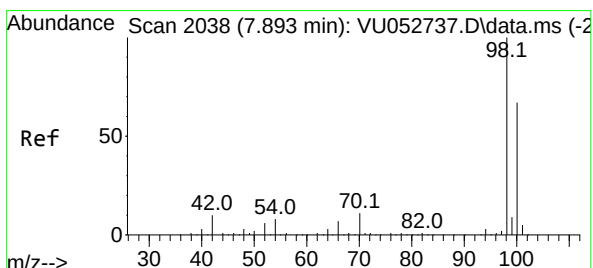
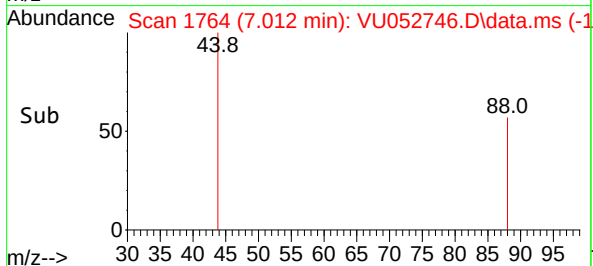
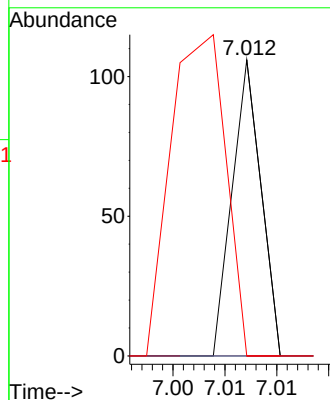
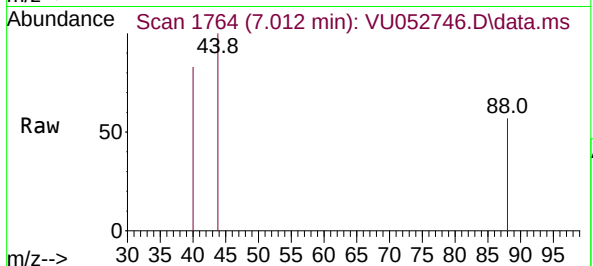
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 0.0 374.7 562.1#

58 210.0 59.2 88.8#



#50

Toluene-d8

Concen: 46.447 ug/l

RT: 7.893 min Scan# 2038

Delta R.T. 0.000 min

Lab File: VU052746.D

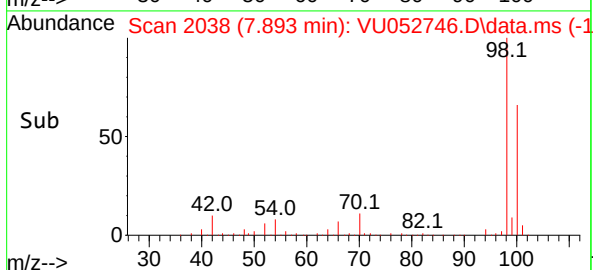
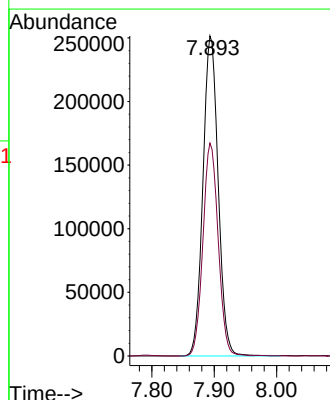
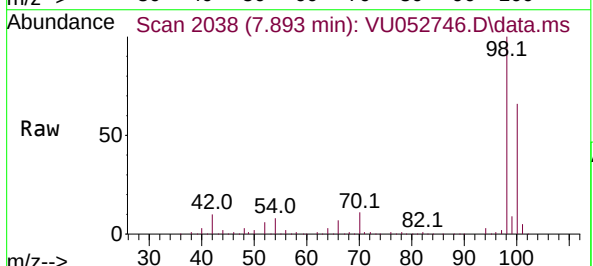
Acq: 19 Jan 2023 19:31

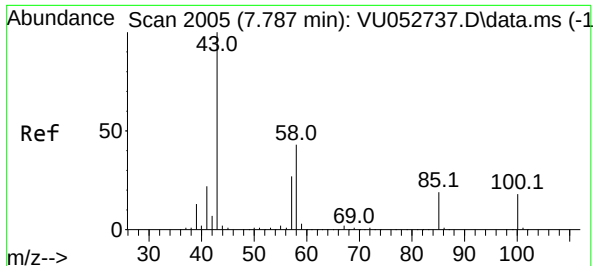
Tgt Ion: 98 Resp: 427424

Ion Ratio Lower Upper

98 100

100 66.4 53.7 80.5

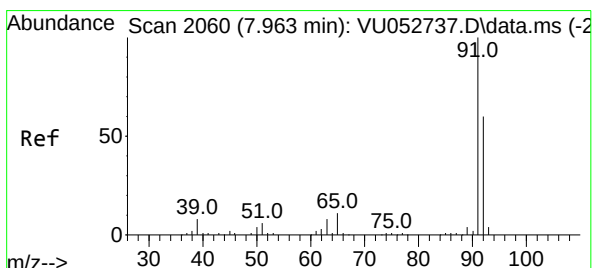
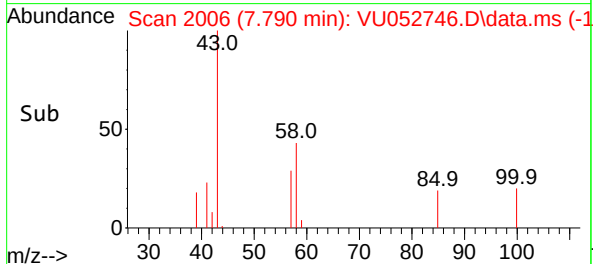
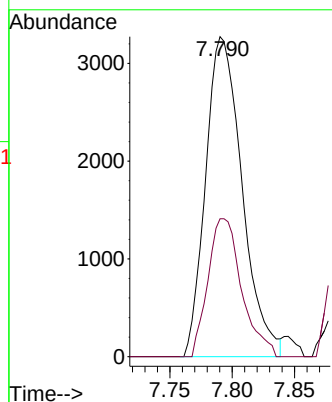
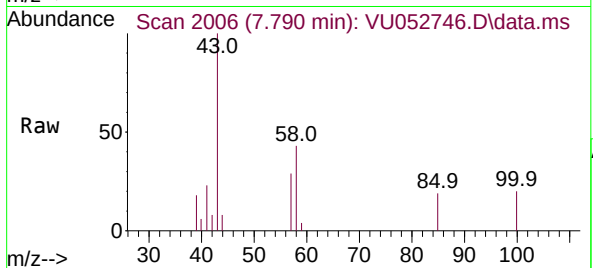




#51
4-Methyl-2-Pentanone
Concen: 1.930 ug/l
RT: 7.790 min Scan# 2005
Delta R.T. 0.004 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

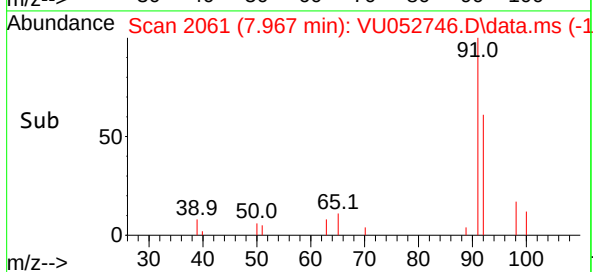
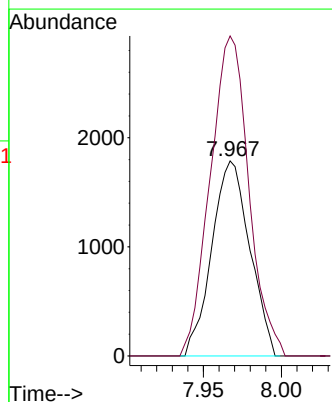
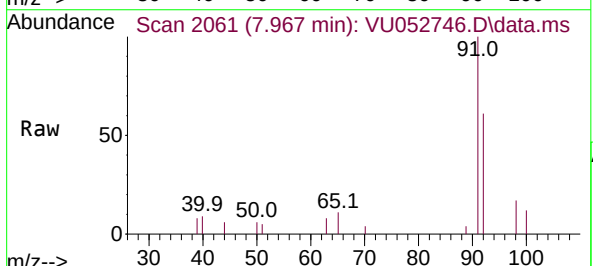
Instrument :
MSVOA_U
ClientSampleId :
MDL05

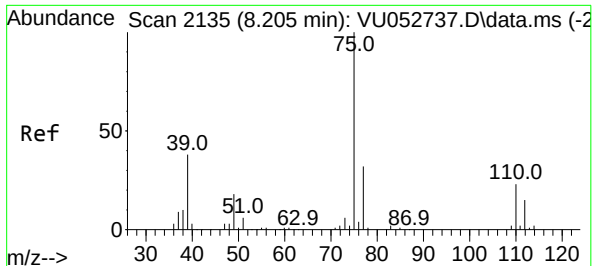
Tgt Ion: 43 Resp: 6664
Ion Ratio Lower Upper
43 100
58 39.8 34.6 52.0



#52
Toluene
Concen: 0.470 ug/l
RT: 7.967 min Scan# 2061
Delta R.T. 0.004 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Tgt Ion: 92 Resp: 3024
Ion Ratio Lower Upper
92 100
91 166.7 134.9 202.3





#53

t-1,3-Dichloropropene

Concen: 0.447 ug/l

RT: 8.208 min Scan# 2136

Delta R.T. 0.004 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

Instrument :

MSVOA_U

ClientSampleId :

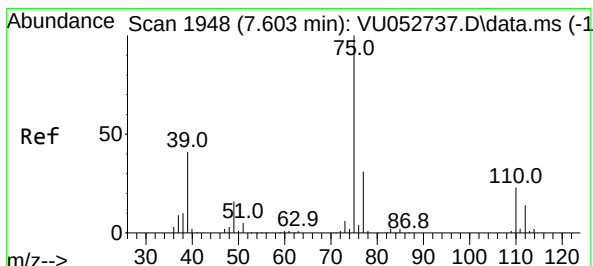
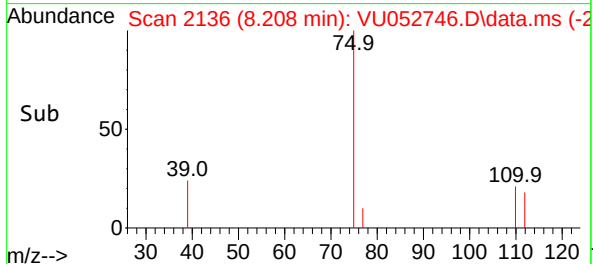
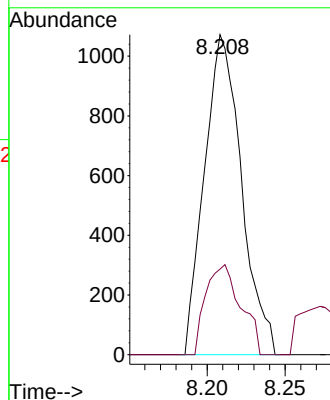
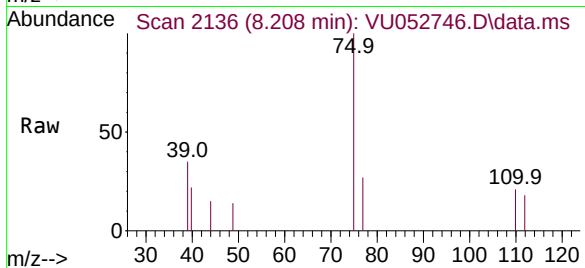
MDL05

Tgt Ion: 75 Resp: 1773

Ion Ratio Lower Upper

75 100

77 26.8 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 0.428 ug/l

RT: 7.601 min Scan# 1947

Delta R.T. -0.003 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

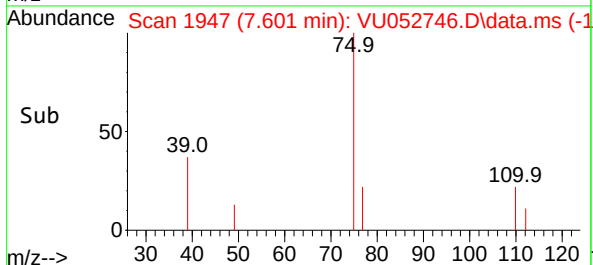
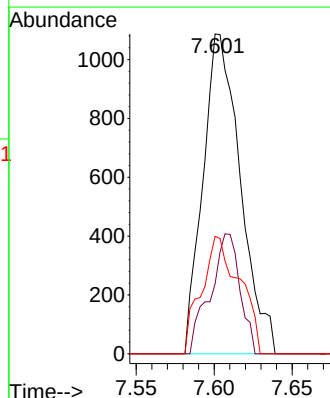
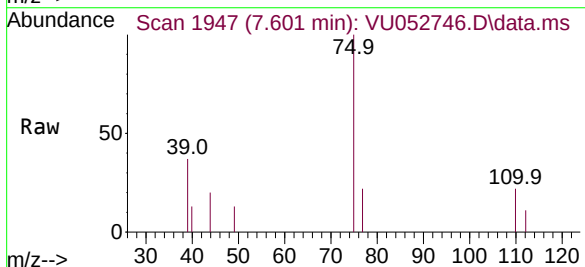
Tgt Ion: 75 Resp: 1812

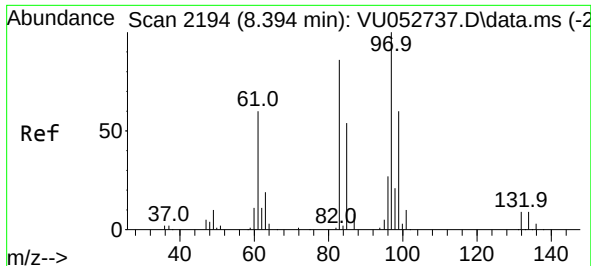
Ion Ratio Lower Upper

75 100

77 21.9 25.0 37.6#

39 36.7 32.9 49.3

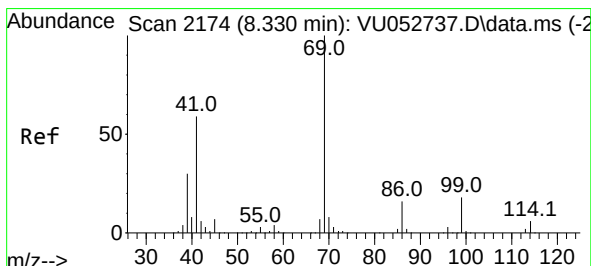
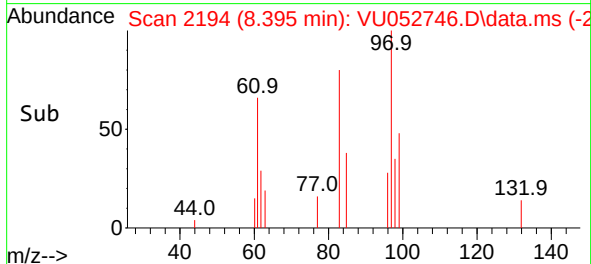
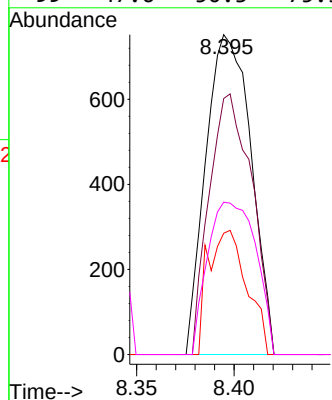
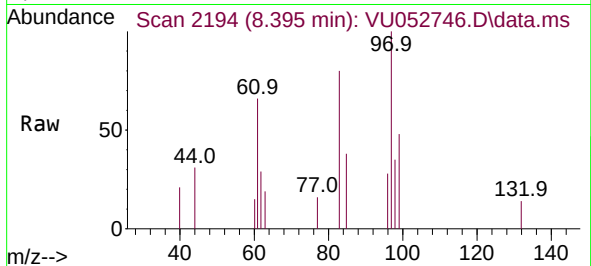




#55
1,1,2-Trichloroethane
Concen: 0.463 ug/l
RT: 8.395 min Scan# 2194
Delta R.T. 0.001 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

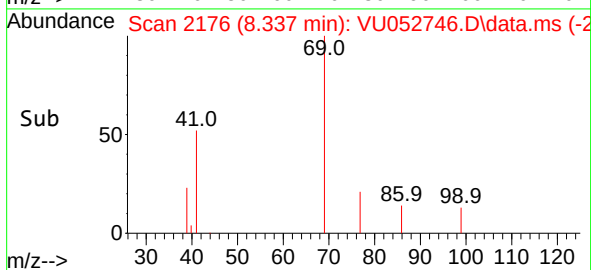
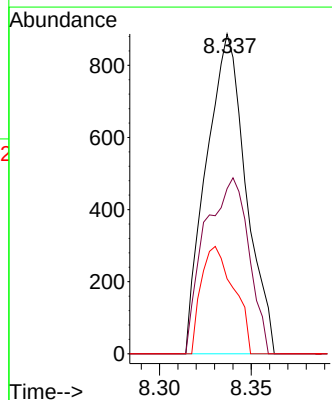
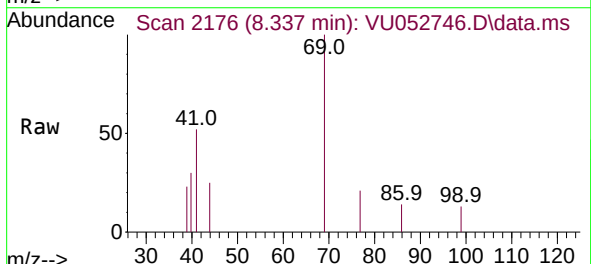
Instrument :
MSVOA_U
ClientSampleId :
MDL05

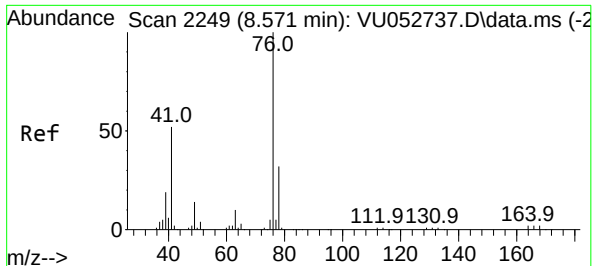
Tgt Ion:	97	Resp:	1214
Ion	Ratio	Lower	Upper
97	100		
83	80.1	69.2	103.8
85	37.9	43.8	65.8#
99	47.6	50.3	75.5#



#56
Ethyl methacrylate
Concen: 0.360 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. 0.007 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Tgt Ion:	69	Resp:	1331
Ion	Ratio	Lower	Upper
69	100		
41	60.9	47.6	71.4
39	27.7	24.3	36.5

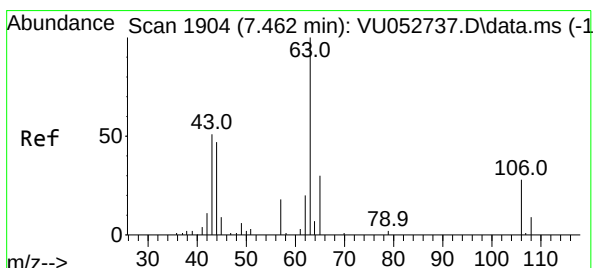
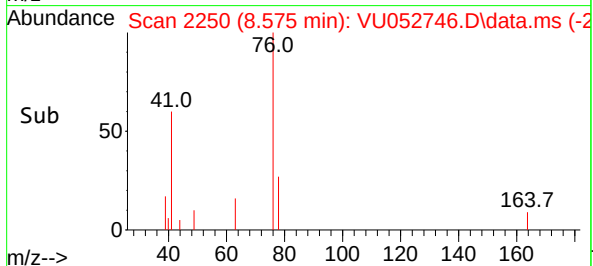
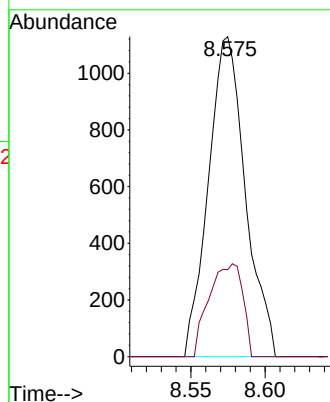
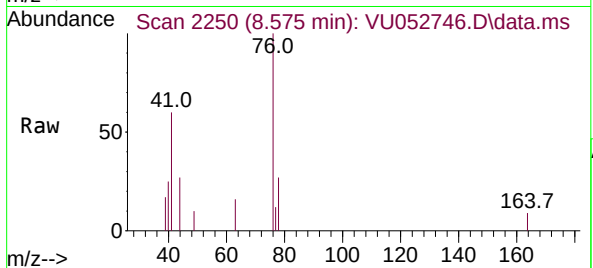




#57
1,3-Dichloropropane
Concen: 0.425 ug/l
RT: 8.575 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

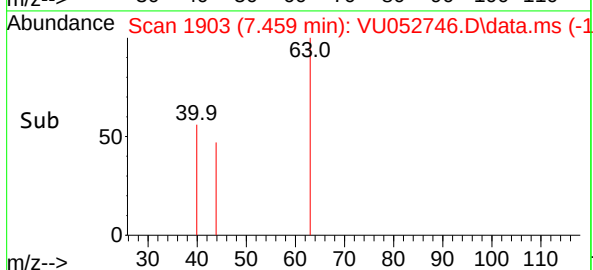
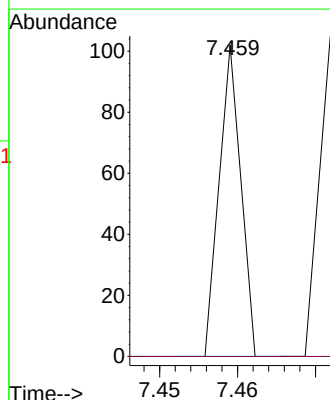
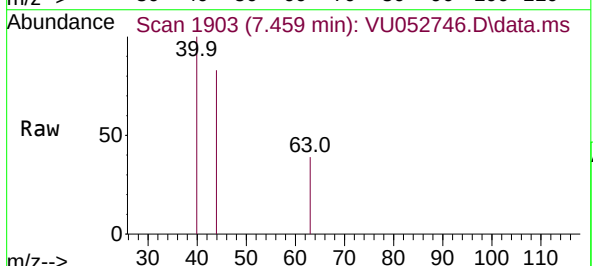
Instrument :
MSVOA_U
ClientSampleId :
MDL05

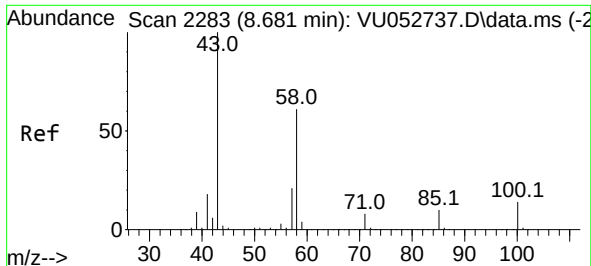
Tgt Ion: 76 Resp: 1954
Ion Ratio Lower Upper
76 100
78 26.4 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 0.178 ug/l
RT: 7.459 min Scan# 1903
Delta R.T. -0.003 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Tgt Ion: 63 Resp: 20
Ion Ratio Lower Upper
63 100
106 0.0 23.2 34.8#





#59

2-Hexanone

Concen: 2.132 ug/l

RT: 8.691 min Scan# 21

Delta R.T. 0.010 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

Instrument :

MSVOA_U

ClientSampleId :

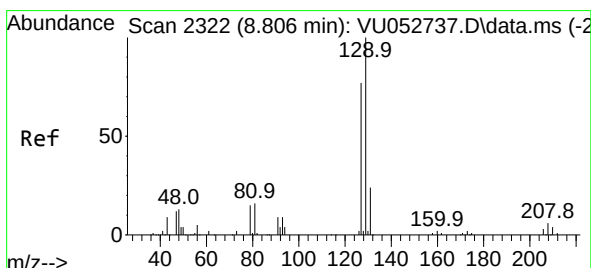
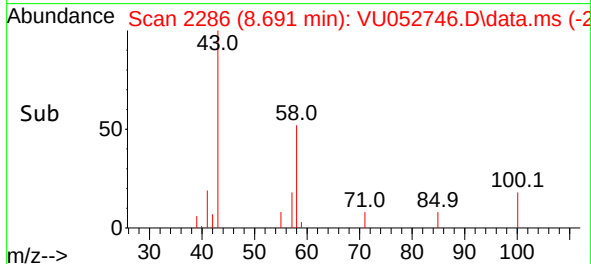
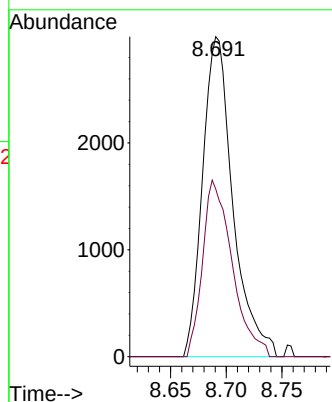
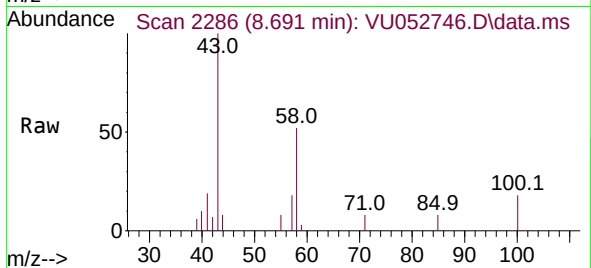
MDL05

Tgt Ion: 43 Resp: 5671

Ion Ratio Lower Upper

43 100

58 53.9 29.8 89.5



#60

Dibromochloromethane

Concen: 0.401 ug/l

RT: 8.806 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VU052746.D

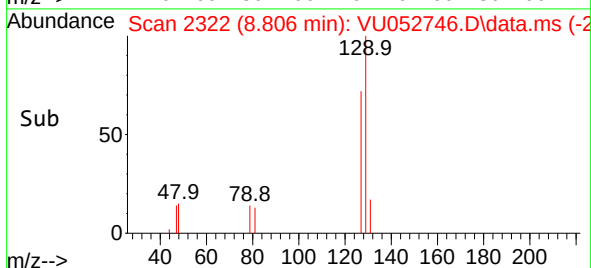
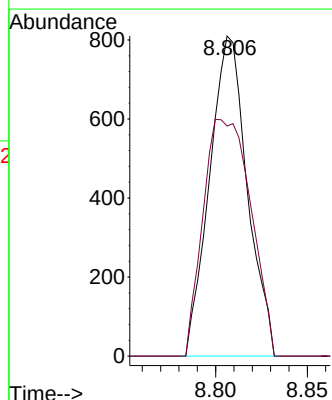
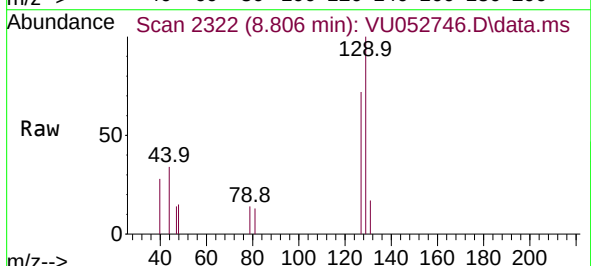
Acq: 19 Jan 2023 19:31

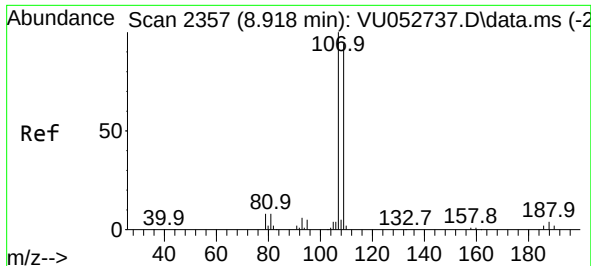
Tgt Ion: 129 Resp: 1157

Ion Ratio Lower Upper

129 100

127 93.8 39.1 117.2

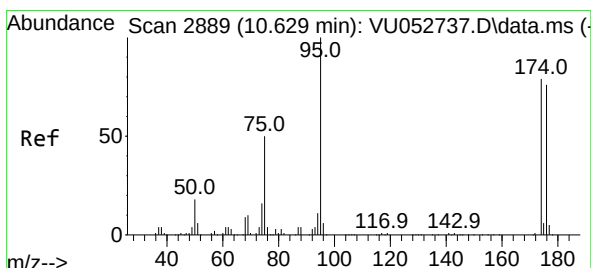
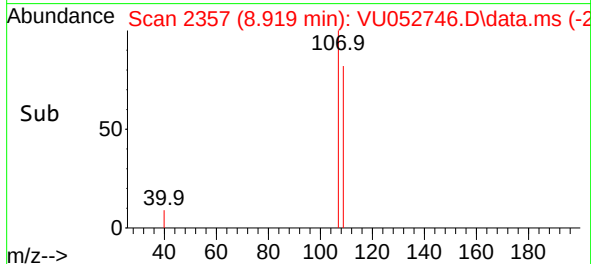
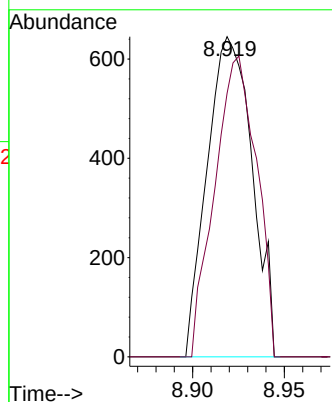
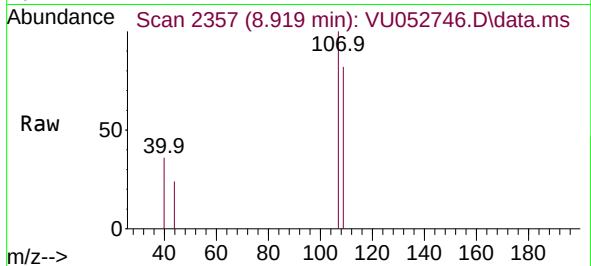




#61
1,2-Dibromoethane
Concen: 0.401 ug/l
RT: 8.919 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

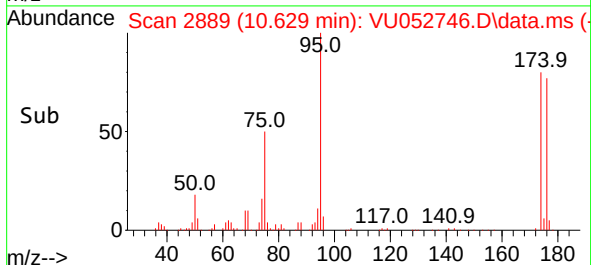
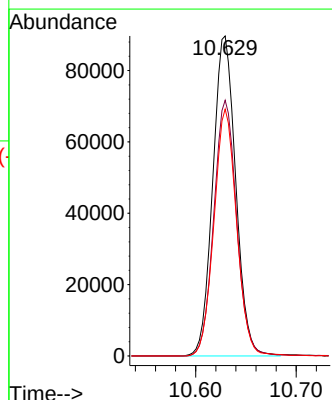
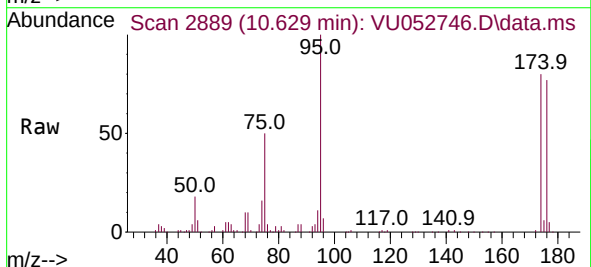
Instrument :
MSVOA_U
ClientSampleId :
MDL05

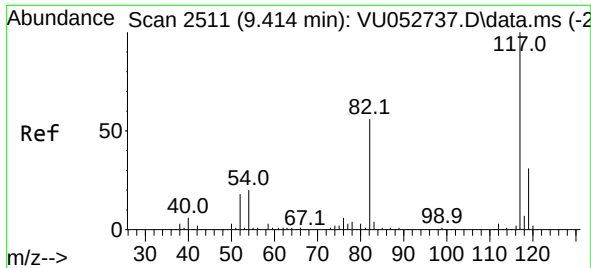
Tgt Ion:107 Resp: 1104
Ion Ratio Lower Upper
107 100
109 87.3 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 42.276 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.000 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Tgt Ion: 95 Resp: 142114
Ion Ratio Lower Upper
95 100
174 79.6 0.0 158.6
176 76.2 0.0 150.6

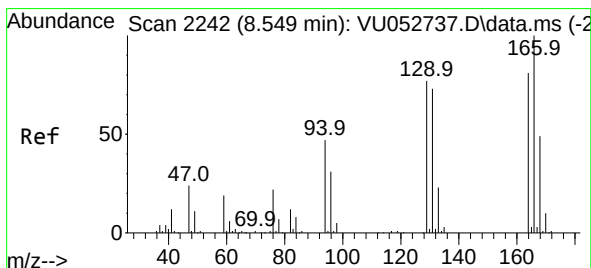
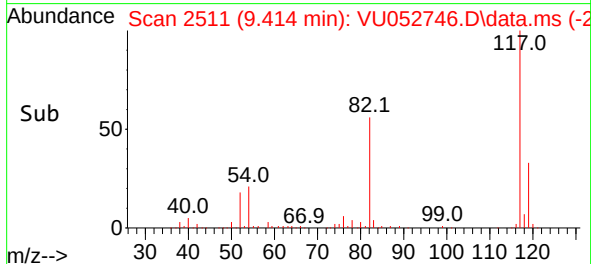
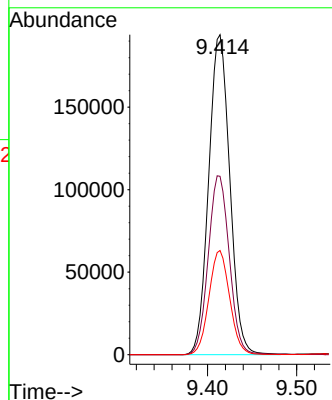
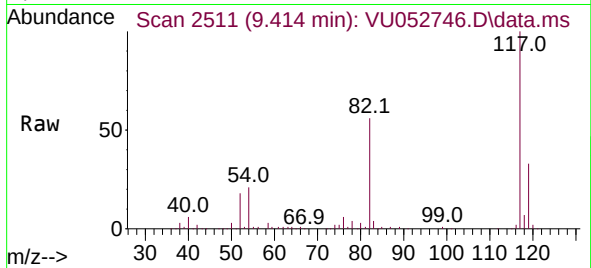




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

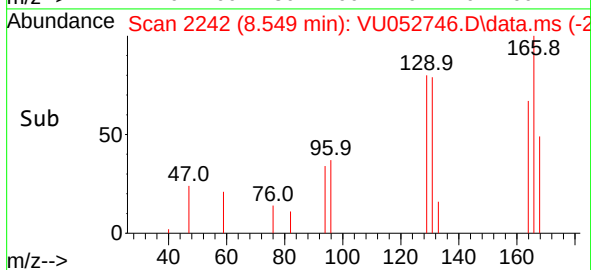
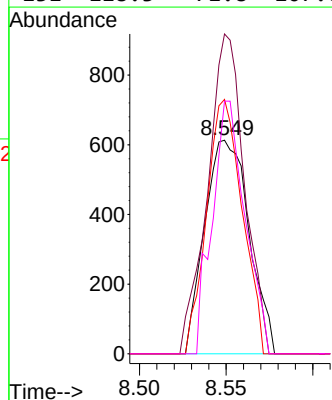
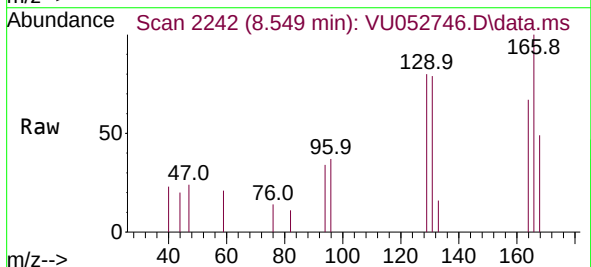
Instrument :
MSVOA_U
ClientSampleId :
MDL05

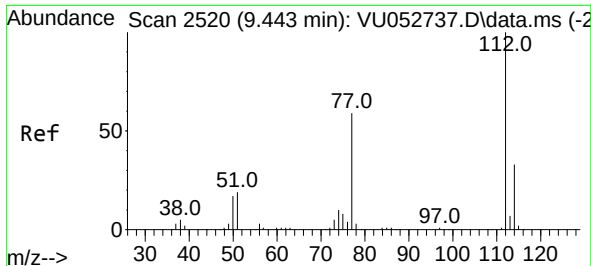
Tgt Ion:117 Resp: 318619
Ion Ratio Lower Upper
117 100
82 55.7 44.7 67.1
119 32.5 25.0 37.6



#64
Tetrachloroethene
Concen: 0.493 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Tgt Ion:164 Resp: 1092
Ion Ratio Lower Upper
164 100
166 149.8 98.9 148.3#
129 119.1 76.0 114.0#
131 118.3 71.8 107.6#

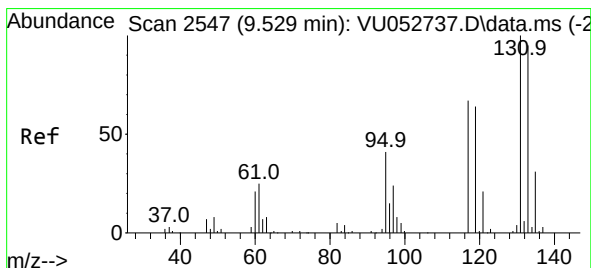
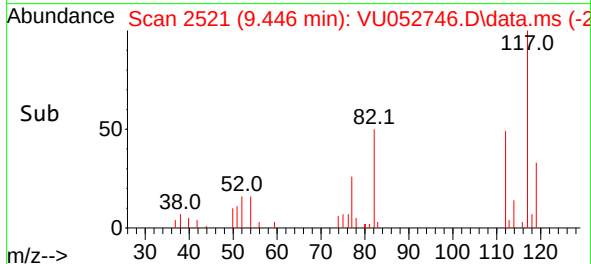
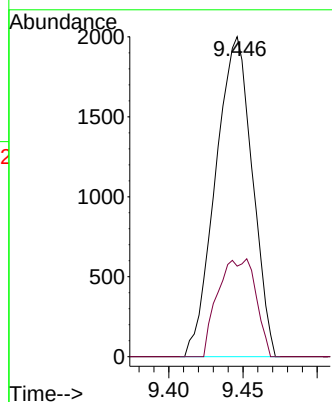
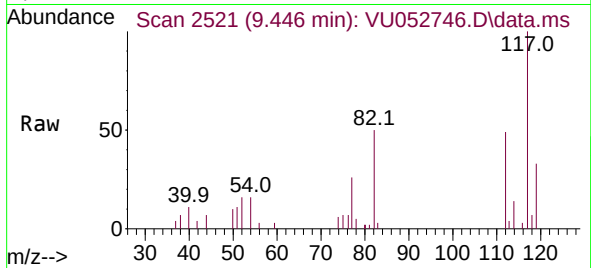




#65
Chlorobenzene
Concen: 0.510 ug/l
RT: 9.446 min Scan# 2520
Delta R.T. 0.004 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

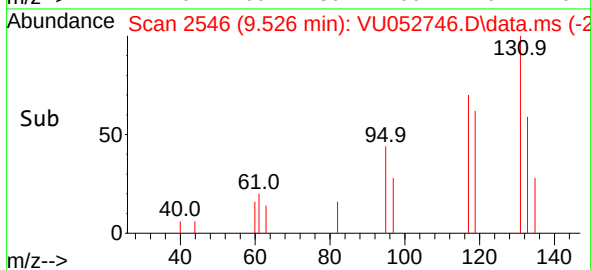
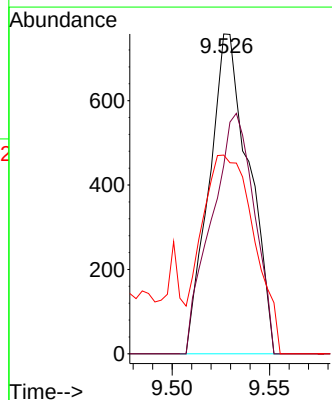
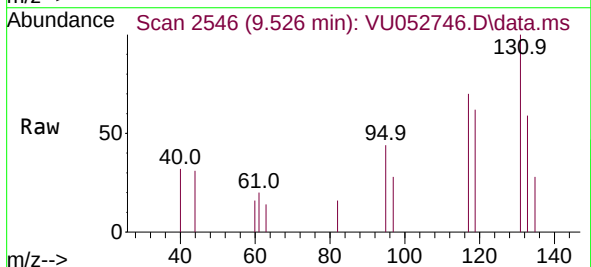
Instrument :
MSVOA_U
ClientSampleId :
MDL05

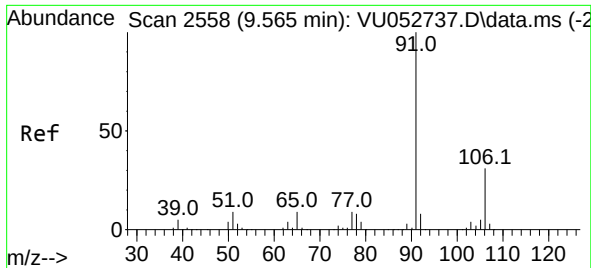
Tgt Ion:112 Resp: 3437
Ion Ratio Lower Upper
112 100
114 28.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 0.427 ug/l
RT: 9.526 min Scan# 2546
Delta R.T. -0.003 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Tgt Ion:131 Resp: 1079
Ion Ratio Lower Upper
131 100
133 80.6 48.4 145.0
119 0.0 32.1 96.3#





#67

Ethyl Benzene

Concen: 0.447 ug/l

RT: 9.568 min Scan# 2558

Delta R.T. 0.004 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

Instrument :

MSVOA_U

ClientSampleId :

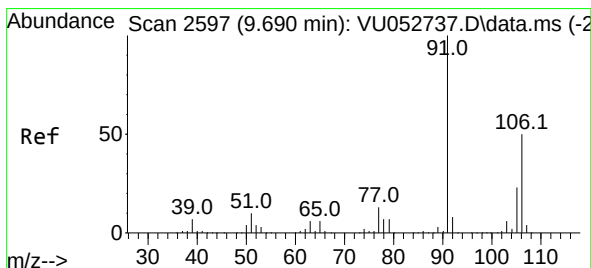
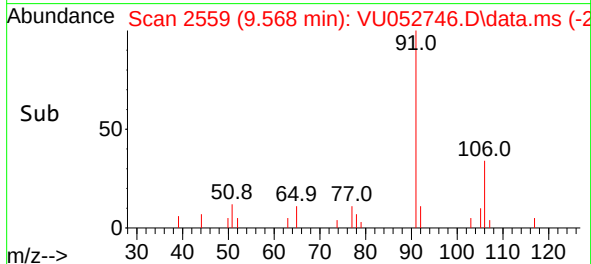
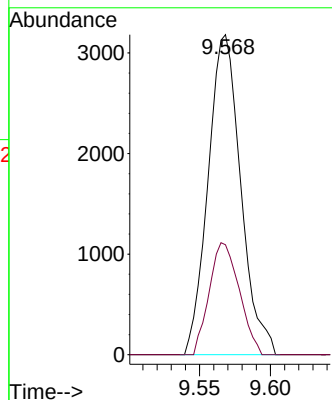
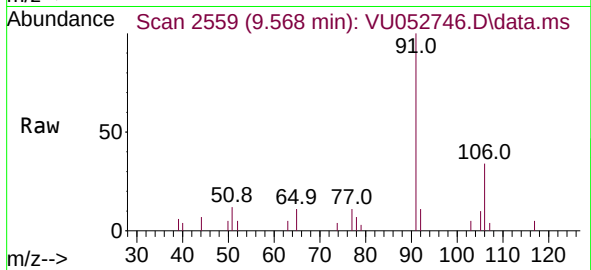
MDL05

Tgt Ion: 91 Resp: 5095

Ion Ratio Lower Upper

91 100

106 34.4 24.6 37.0



#68

m/p-Xylenes

Concen: 0.776 ug/l

RT: 9.694 min Scan# 2598

Delta R.T. 0.004 min

Lab File: VU052746.D

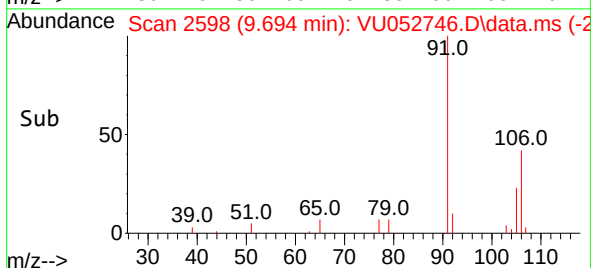
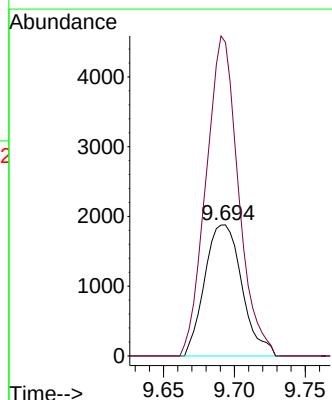
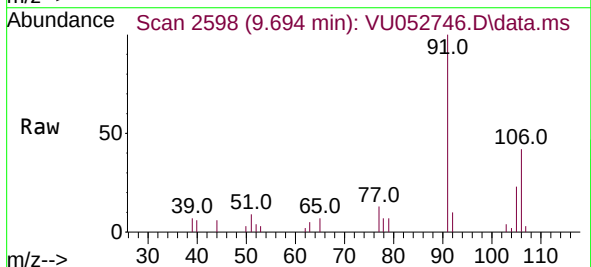
Acq: 19 Jan 2023 19:31

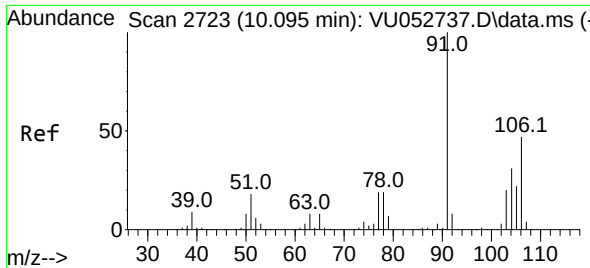
Tgt Ion: 106 Resp: 3433

Ion Ratio Lower Upper

106 100

91 212.6 160.8 241.2

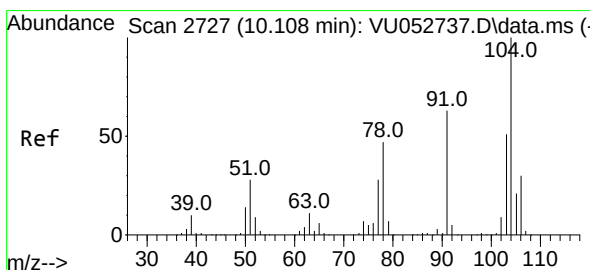
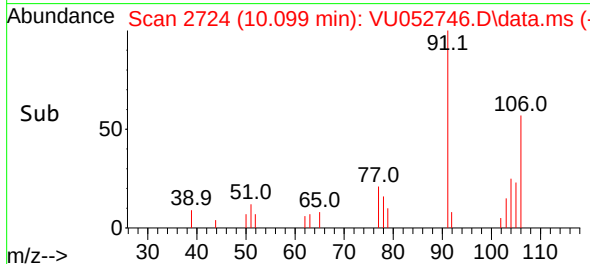
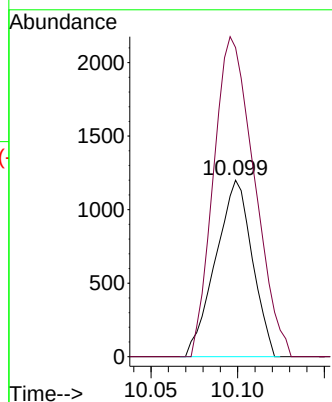
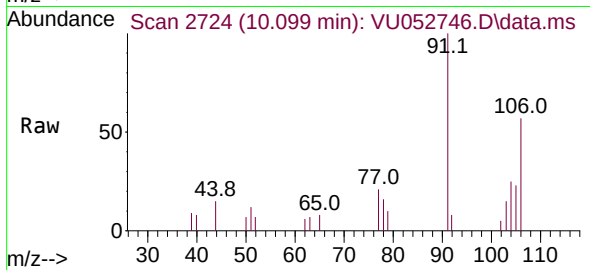




#69
o-Xylene
Concen: 0.417 ug/l
RT: 10.099 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

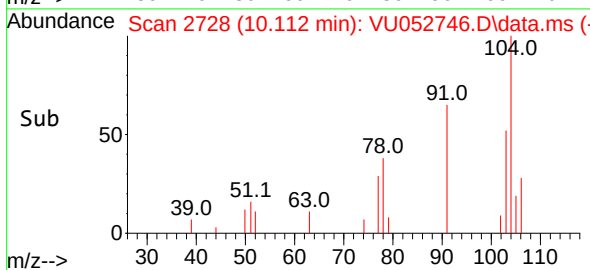
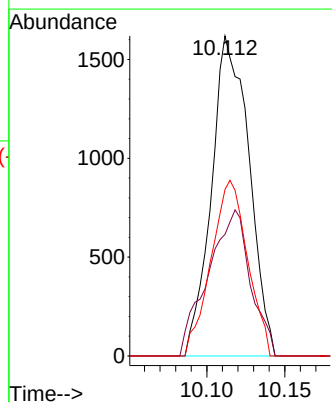
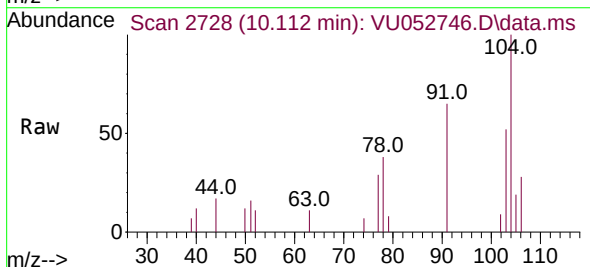
Instrument :
MSVOA_U
ClientSampleId :
MDL05

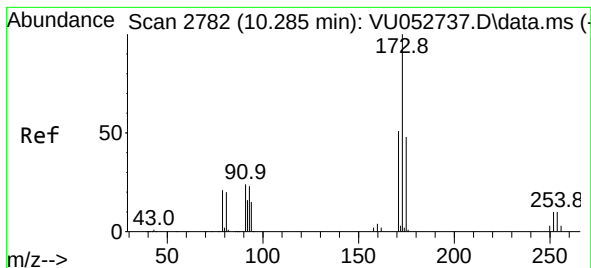
Tgt Ion:106 Resp: 1763
Ion Ratio Lower Upper
106 100
91 201.6 107.9 323.7



#70
Styrene
Concen: 0.392 ug/l
RT: 10.112 min Scan# 2728
Delta R.T. 0.004 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Tgt Ion:104 Resp: 2715
Ion Ratio Lower Upper
104 100
78 51.3 39.9 59.9
103 53.4 43.4 65.2





#71

Bromoform

Concen: 0.434 ug/l

RT: 10.285 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

Instrument :

MSVOA_U

ClientSampleId :

MDL05

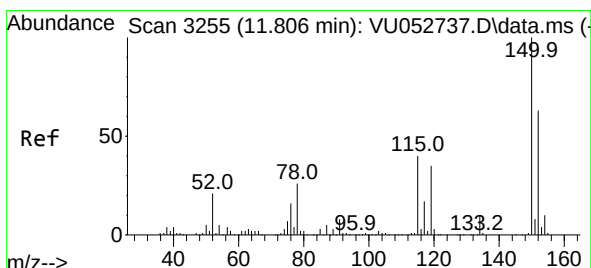
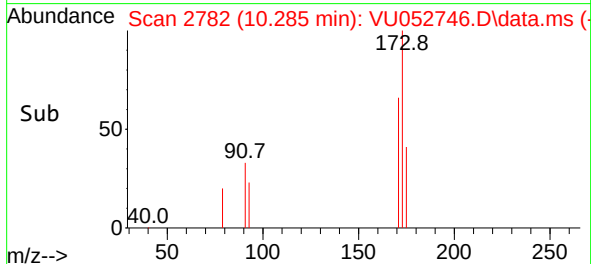
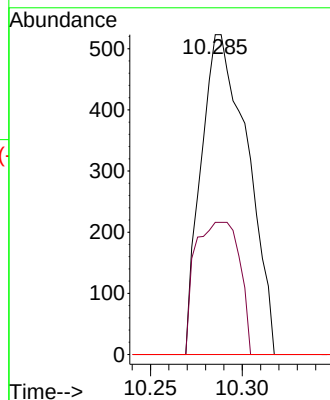
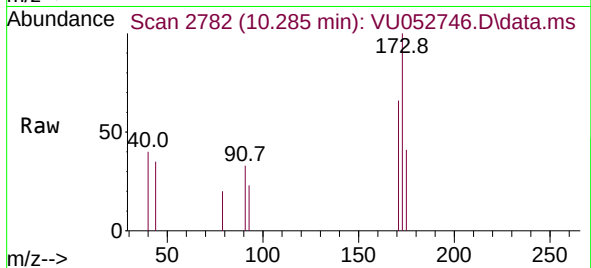
Tgt Ion:173 Resp: 917

Ion Ratio Lower Upper

173 100

175 39.3 24.1 72.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.809 min Scan# 3256

Delta R.T. 0.004 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

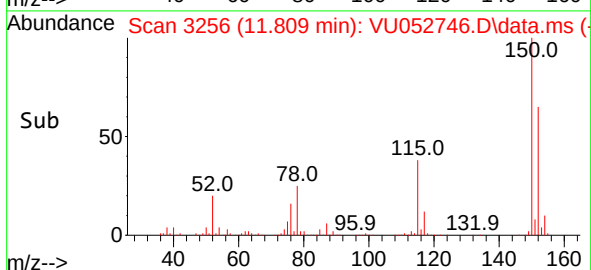
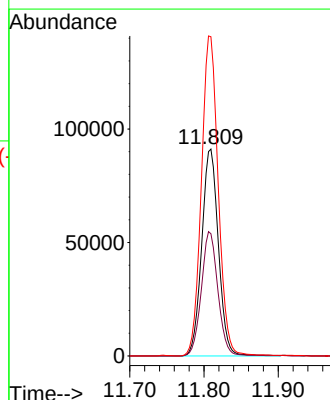
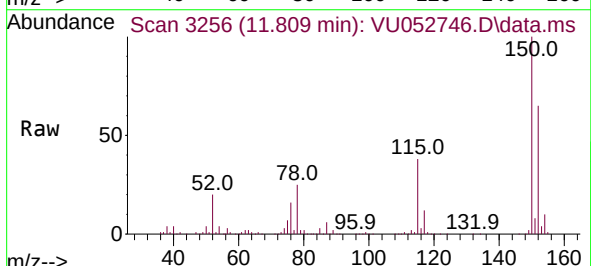
Tgt Ion:152 Resp: 142545

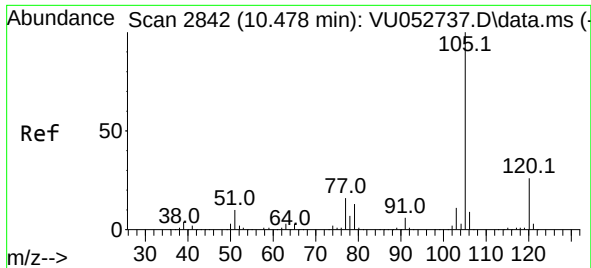
Ion Ratio Lower Upper

152 100

115 59.6 41.7 125.1

150 156.1 0.0 349.2





#73

Isopropylbenzene

Concen: 0.446 ug/l

RT: 10.481 min Scan# 2843

Delta R.T. 0.004 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

Instrument :

MSVOA_U

ClientSampleId :

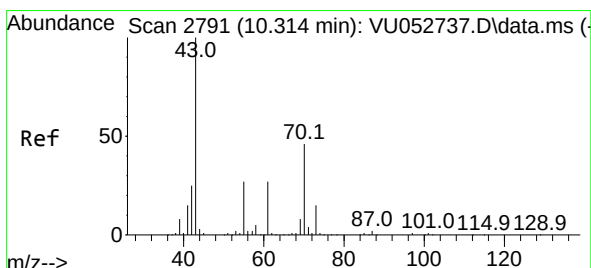
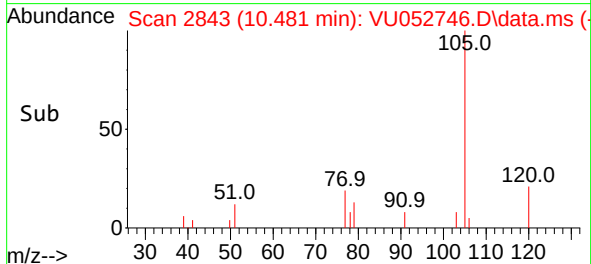
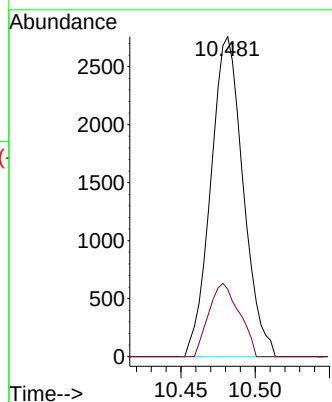
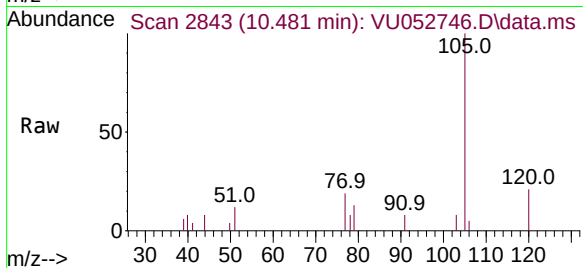
MDL05

Tgt Ion:105 Resp: 4184

Ion Ratio Lower Upper

105 100

120 21.6 13.2 39.5



#74

N-amy1 acetate

Concen: 0.483 ug/l

RT: 10.321 min Scan# 2793

Delta R.T. 0.007 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

Tgt Ion: 43 Resp: 1728

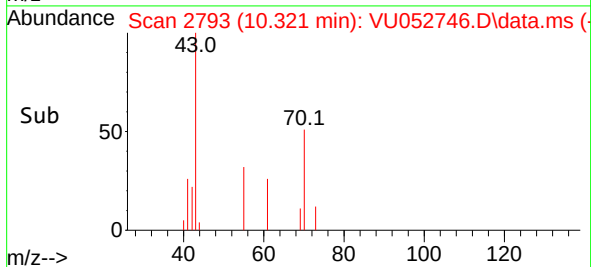
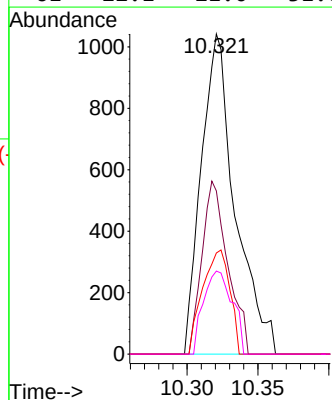
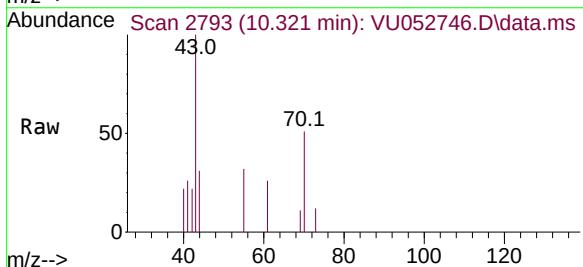
Ion Ratio Lower Upper

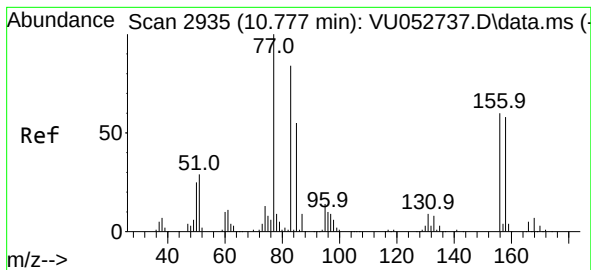
43 100

70 41.4 37.9 56.9

55 26.1 21.9 32.9

61 22.1 21.0 31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 0.597 ug/l

RT: 10.780 min Scan# 2889

Delta R.T. 0.004 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

Instrument :

MSVOA_U

ClientSampleId :

MDL05

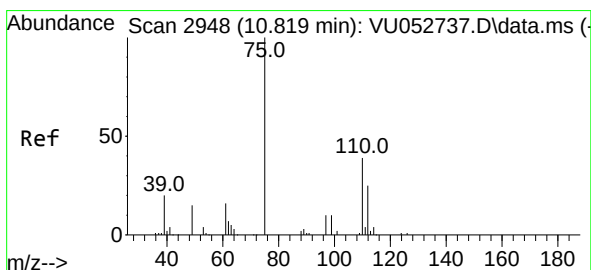
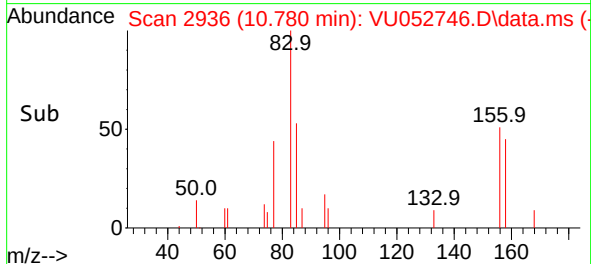
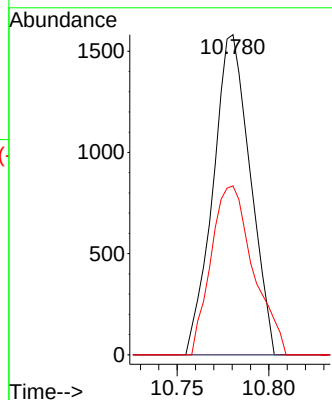
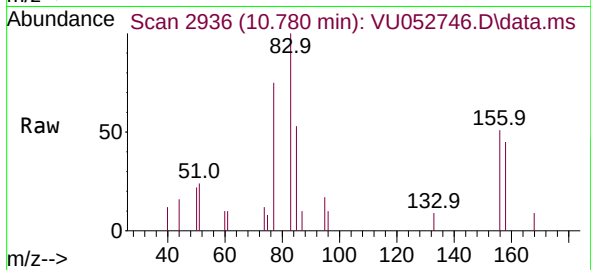
Tgt Ion: 83 Resp: 2223

Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

85 60.1 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 18.272 ug/l

RT: 10.629 min Scan# 2889

Delta R.T. -0.189 min

Lab File: VU052746.D

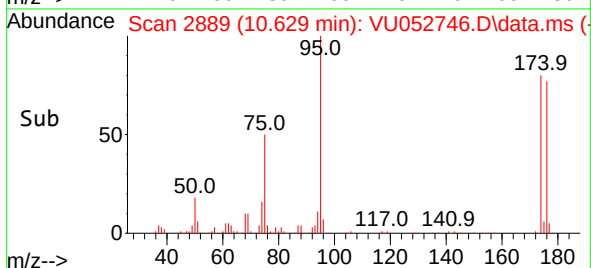
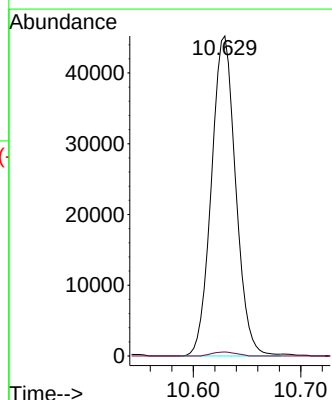
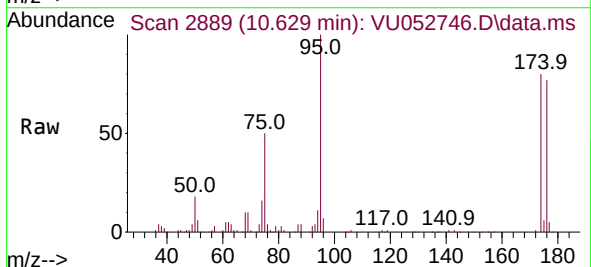
Acq: 19 Jan 2023 19:31

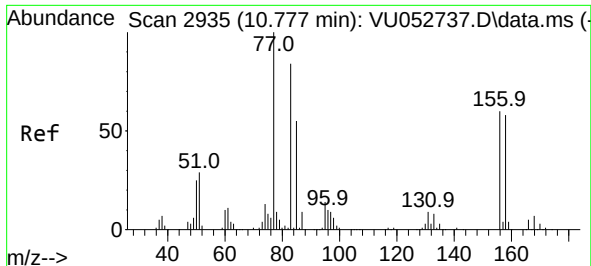
Tgt Ion: 75 Resp: 71076

Ion Ratio Lower Upper

75 100

77 1.2 15.0 45.1#

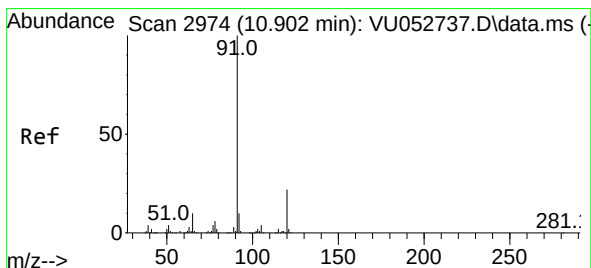
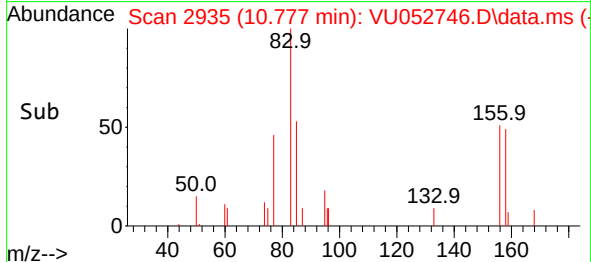
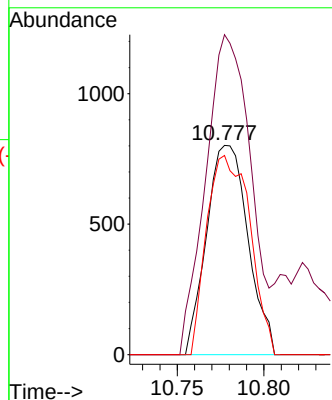
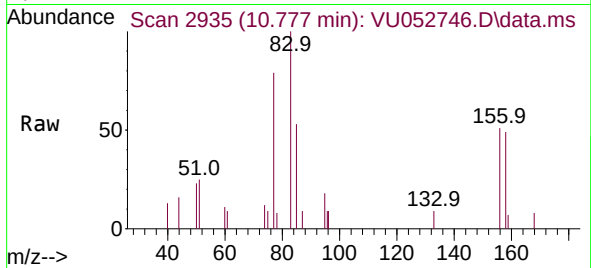




#77
Bromobenzene
Concen: 0.551 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

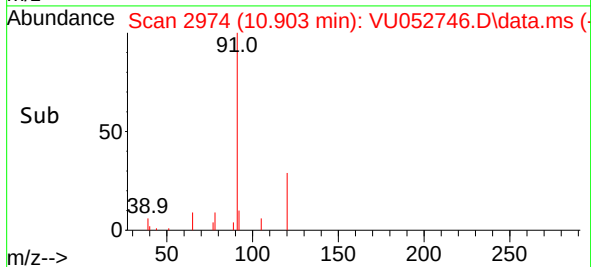
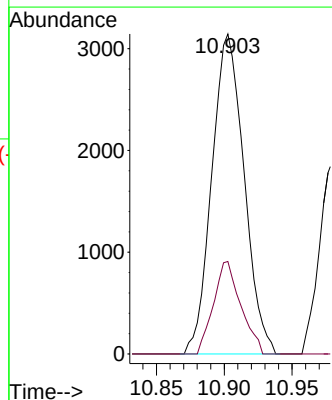
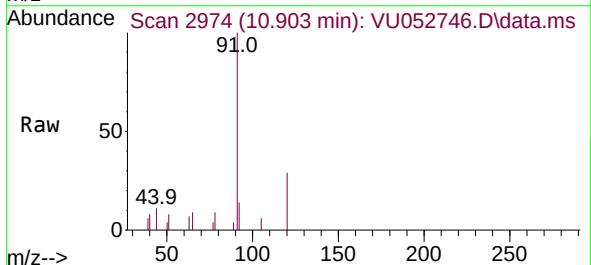
Instrument :
MSVOA_U
ClientSampleId :
MDL05

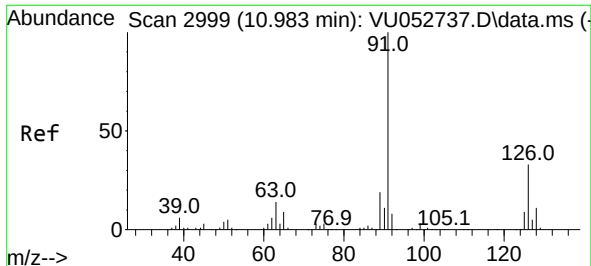
Tgt Ion:156 Resp: 1337
Ion Ratio Lower Upper
156 100
77 165.3 83.8 251.4
158 99.2 48.7 146.1



#78
n-propylbenzene
Concen: 0.471 ug/l
RT: 10.903 min Scan# 2974
Delta R.T. 0.000 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Tgt Ion: 91 Resp: 5204
Ion Ratio Lower Upper
91 100
120 24.4 11.3 33.8

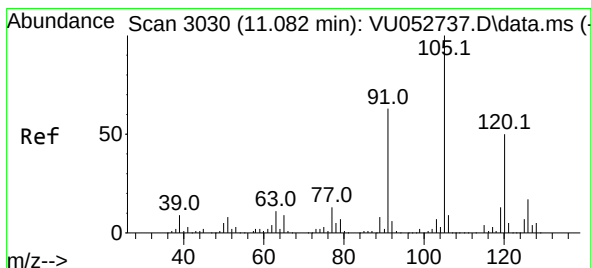
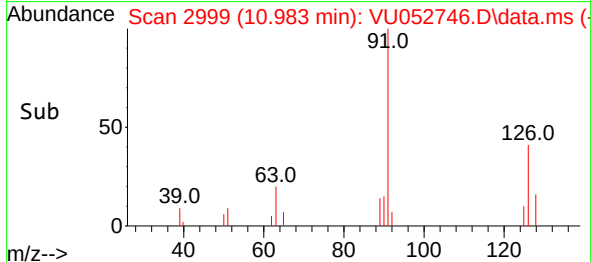
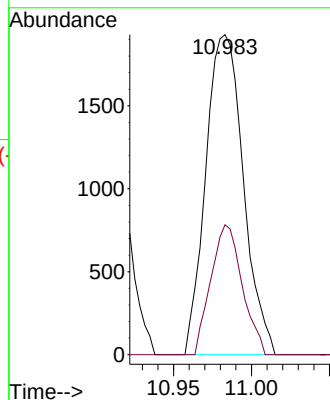
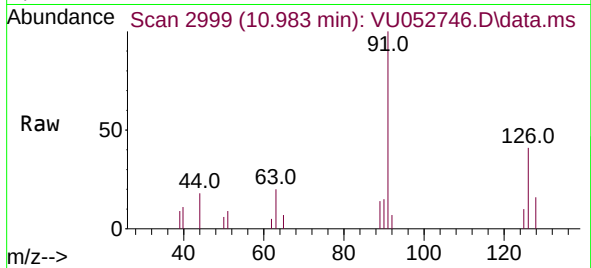




#79
2-Chlorotoluene
Concen: 0.474 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. 0.000 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

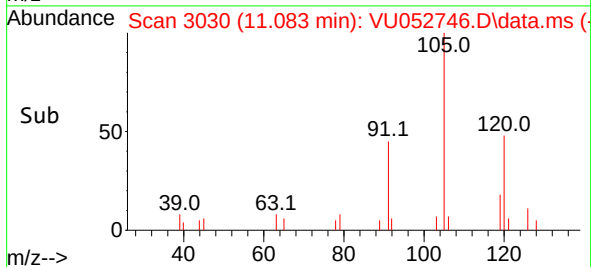
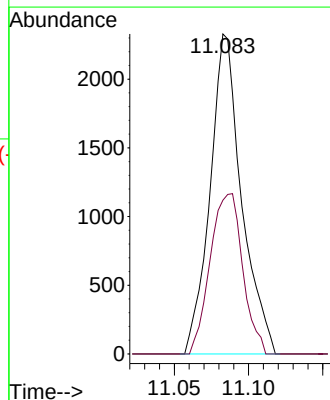
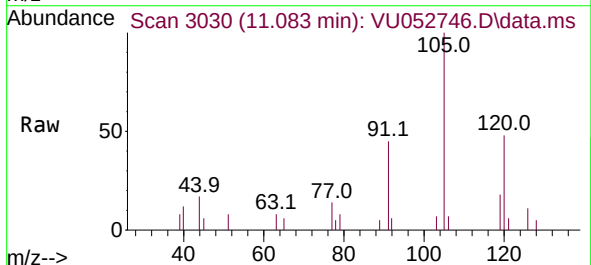
Instrument :
MSVOA_U
ClientSampleId :
MDL05

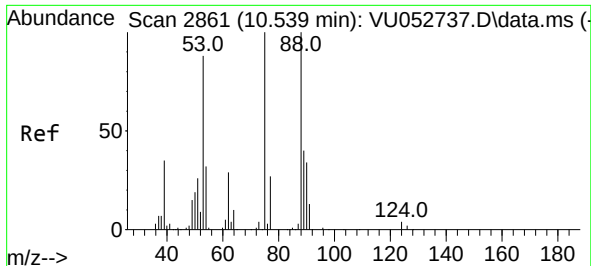
Tgt Ion: 91 Resp: 3234
Ion Ratio Lower Upper
91 100
126 33.8 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 0.440 ug/l
RT: 11.083 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Tgt Ion: 105 Resp: 3434
Ion Ratio Lower Upper
105 100
120 51.7 25.1 75.2

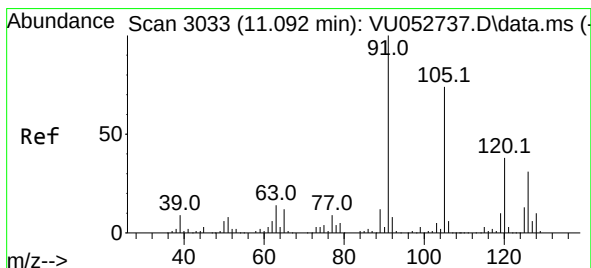
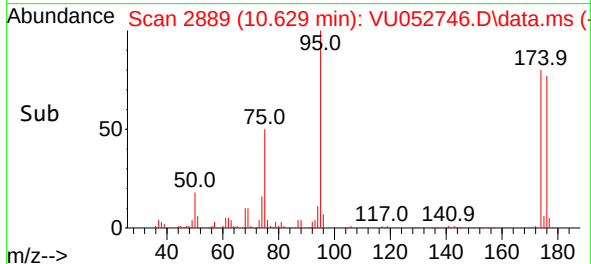
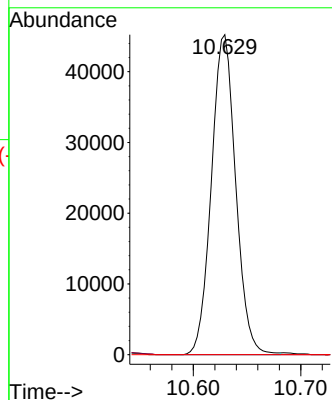
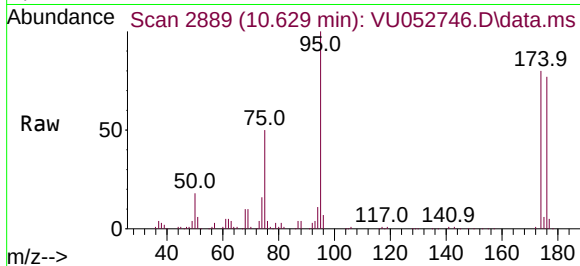




#81
trans-1,4-Dichloro-2-butene
Concen: 71.001 ug/l
RT: 10.629 min Scan# 21
Delta R.T. 0.090 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

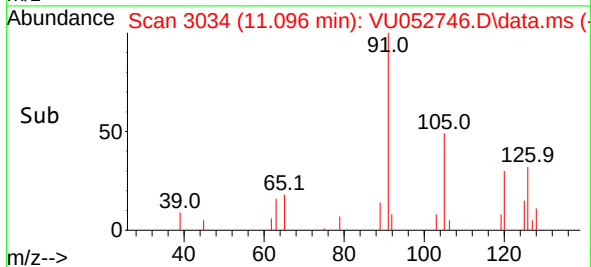
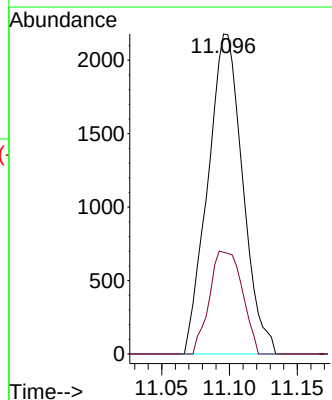
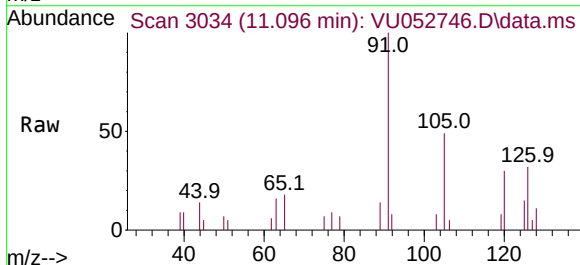
Instrument :
MSVOA_U
ClientSampleId :
MDL05

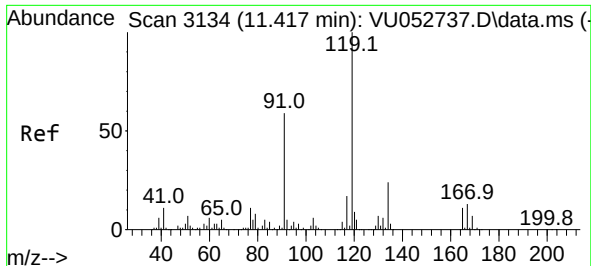
Tgt Ion: 75 Resp: 71076
Ion Ratio Lower Upper
75 100
53 0.0 72.4 108.6#
89 0.0 35.0 52.4#



#82
4-Chlorotoluene
Concen: 0.501 ug/l
RT: 11.096 min Scan# 3034
Delta R.T. 0.004 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Tgt Ion: 91 Resp: 3895
Ion Ratio Lower Upper
91 100
126 30.1 14.9 44.7

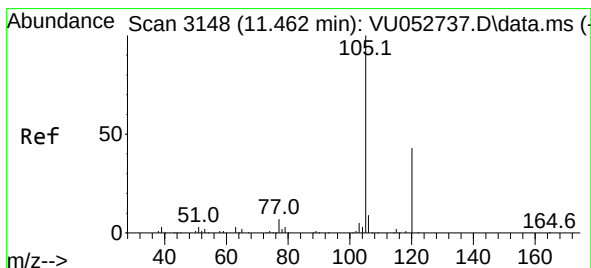
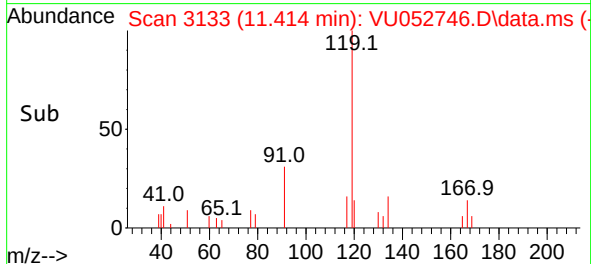
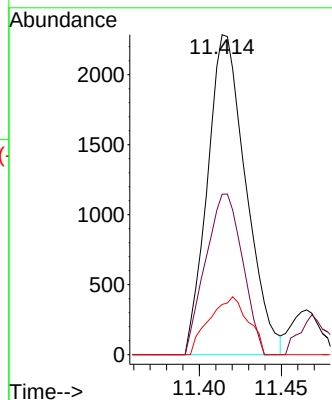
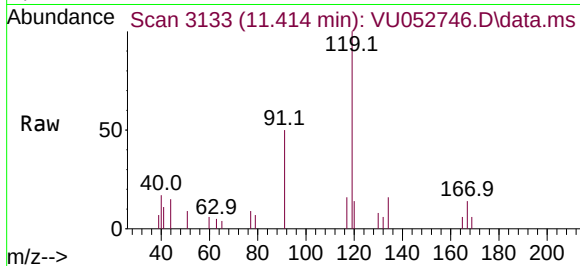




#83
tert-Butylbenzene
Concen: 0.464 ug/l
RT: 11.414 min Scan# 3134
Delta R.T. -0.003 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

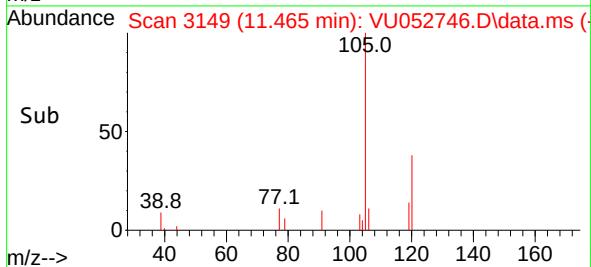
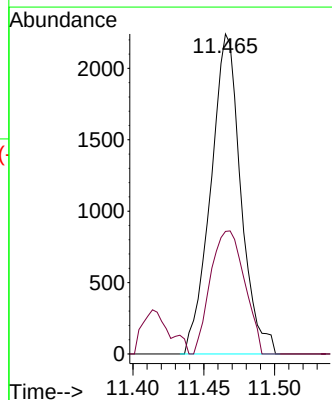
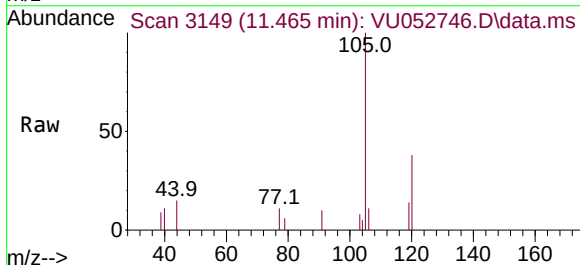
Instrument :
MSVOA_U
ClientSampleId :
MDL05

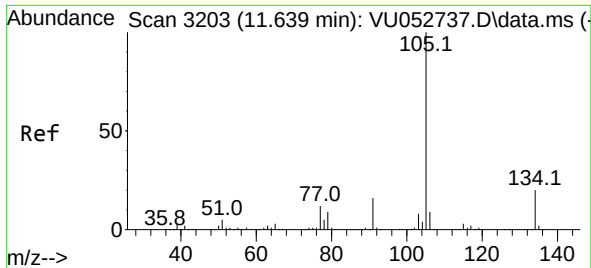
Tgt Ion:119	Resp:	3717
Ion Ratio	Lower	Upper
119	100	
91	48.2	28.4 85.2
134	18.2	11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 0.428 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. 0.004 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Tgt Ion:105	Resp:	3316
Ion Ratio	Lower	Upper
105	100	
120	43.5	23.2 69.5

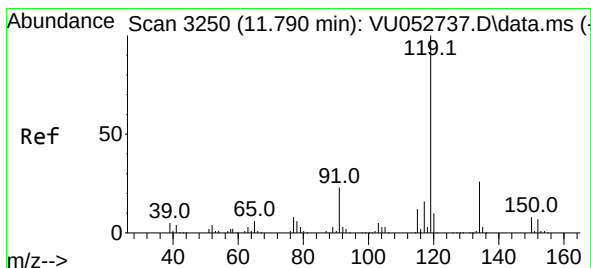
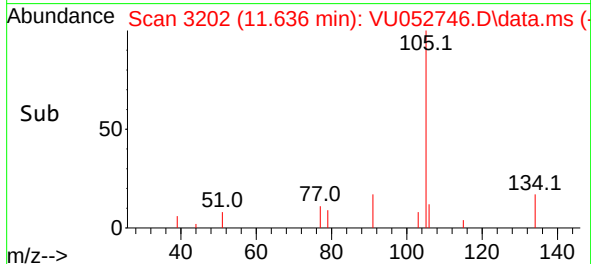
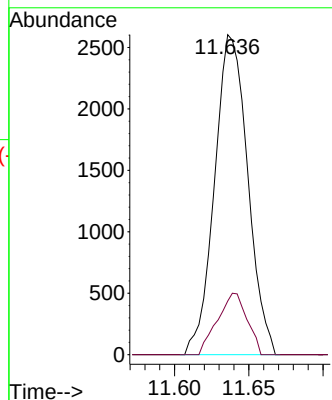
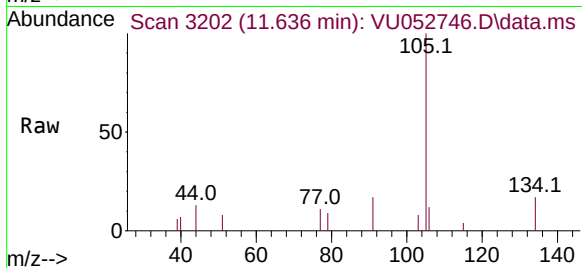




#85
sec-Butylbenzene
Concen: 0.413 ug/l
RT: 11.636 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

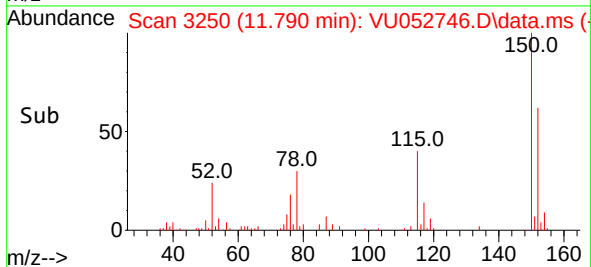
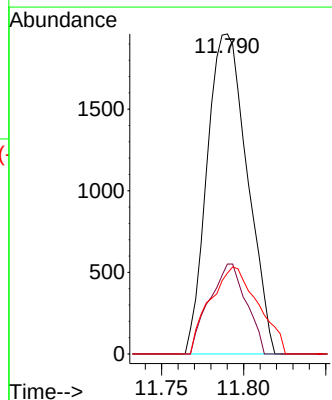
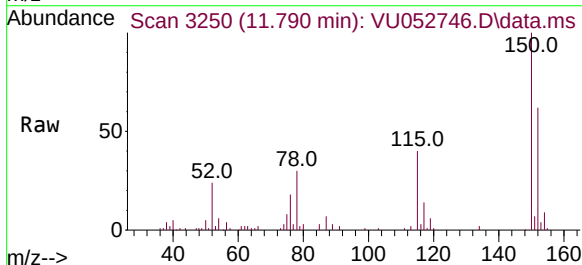
Instrument :
MSVOA_U
ClientSampleId :
MDL05

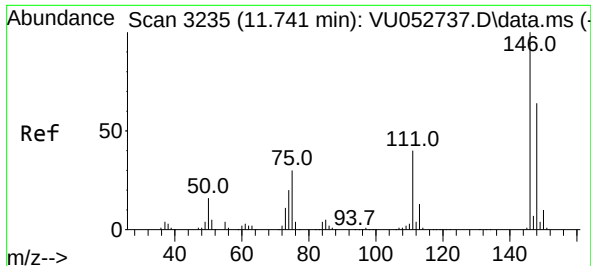
Tgt Ion:105 Resp: 4051
Ion Ratio Lower Upper
105 100
134 17.1 10.1 30.3



#86
p-Isopropyltoluene
Concen: 0.400 ug/l
RT: 11.790 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Tgt Ion:119 Resp: 3337
Ion Ratio Lower Upper
119 100
134 25.7 13.1 39.1
91 32.5 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 0.553 ug/l

RT: 11.745 min Scan# 3236

Delta R.T. 0.004 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

Instrument :

MSVOA_U

ClientSampleId :

MDL05

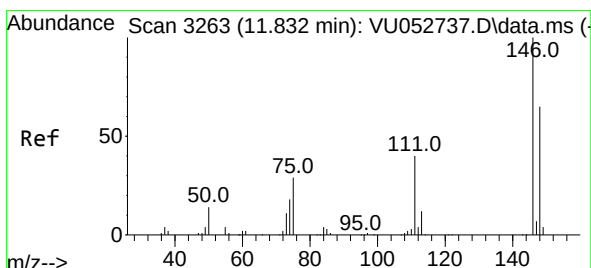
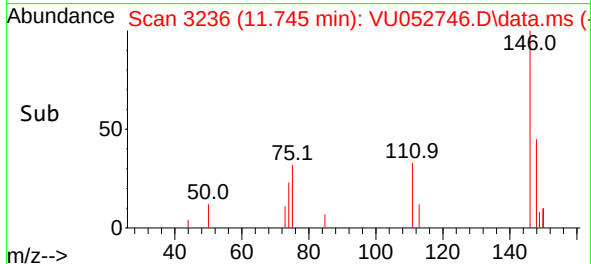
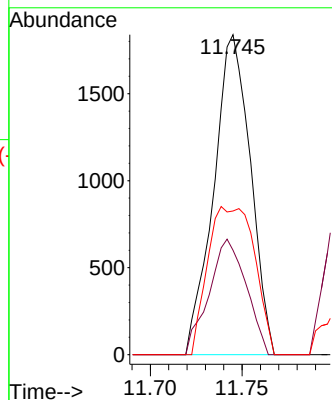
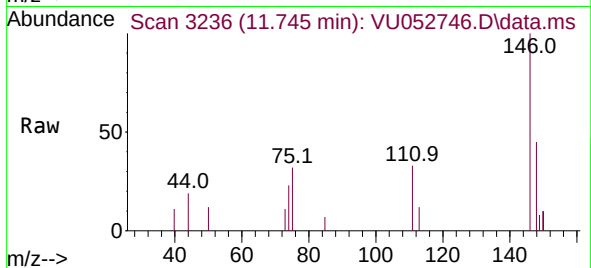
Tgt Ion:146 Resp: 2559

Ion Ratio Lower Upper

146 100

111 36.6 20.1 60.2

148 59.0 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 0.538 ug/l

RT: 11.745 min Scan# 3236

Delta R.T. -0.086 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

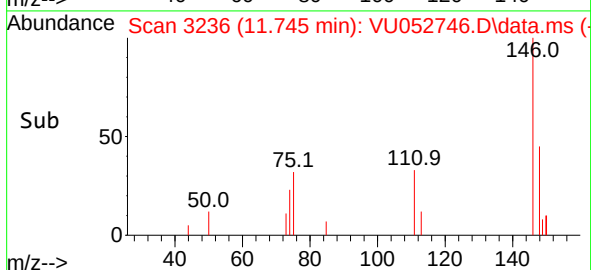
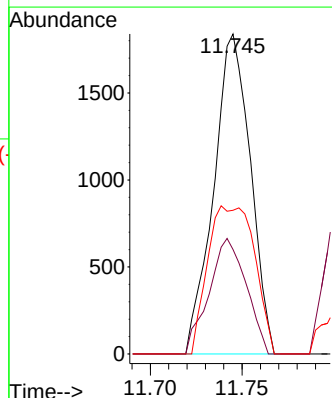
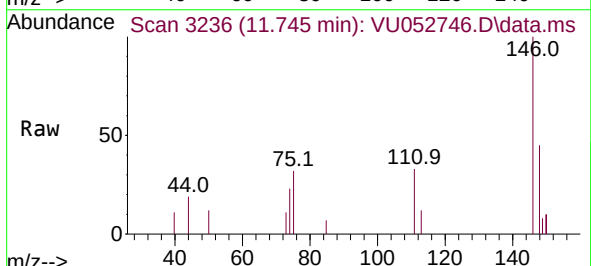
Tgt Ion:146 Resp: 2559

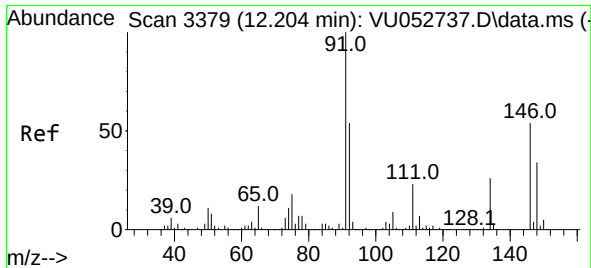
Ion Ratio Lower Upper

146 100

111 36.6 20.3 61.0

148 59.0 32.3 96.8

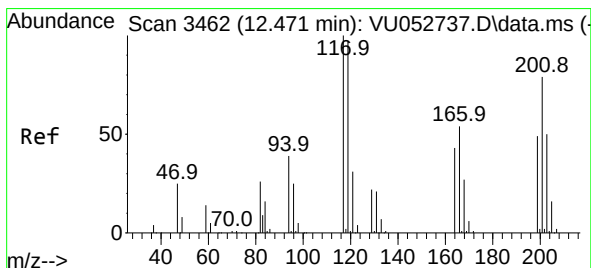
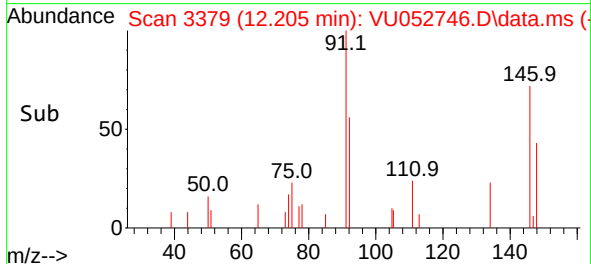
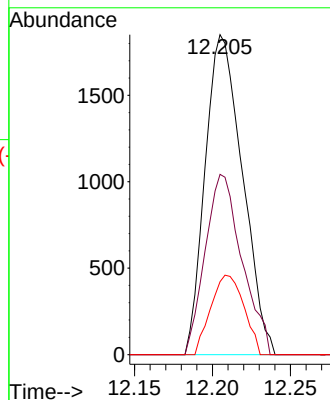
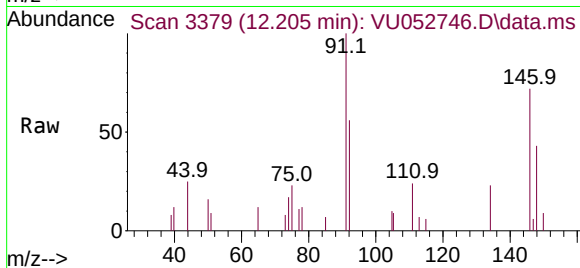




#89
n-Butylbenzene
Concen: 0.429 ug/l
RT: 12.205 min Scan# 31
Delta R.T. 0.001 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

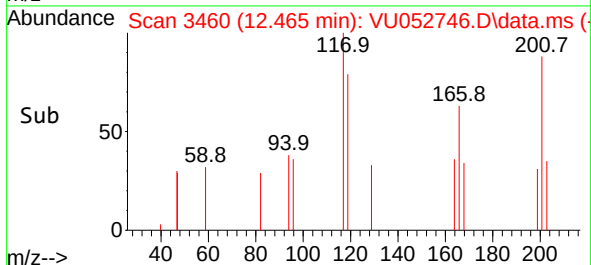
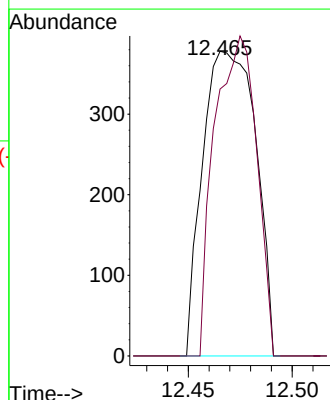
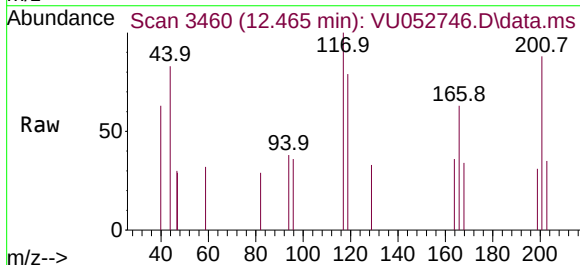
Instrument :
MSVOA_U
ClientSampleId :
MDL05

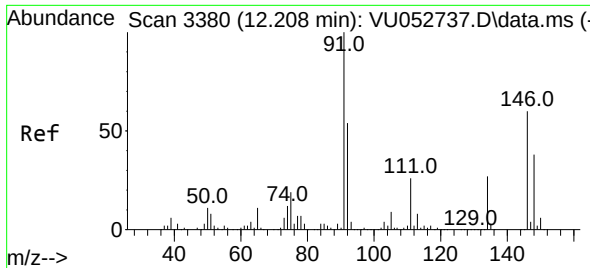
Tgt Ion: 91 Resp: 3071
Ion Ratio Lower Upper
91 100
92 55.6 26.8 80.3
134 22.0 13.1 39.3



#90
Hexachloroethane
Concen: 0.420 ug/l
RT: 12.465 min Scan# 3460
Delta R.T. -0.006 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Tgt Ion: 117 Resp: 672
Ion Ratio Lower Upper
117 100
201 83.0 39.3 117.9

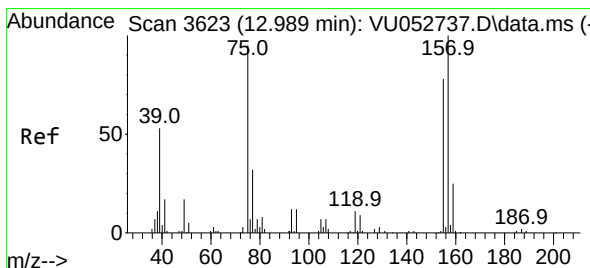
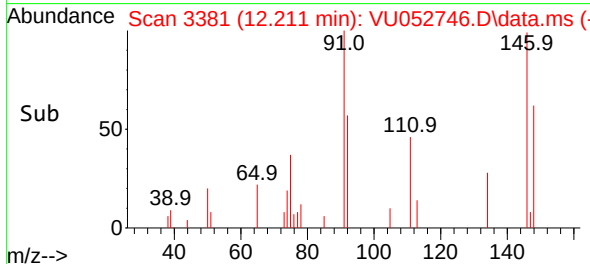
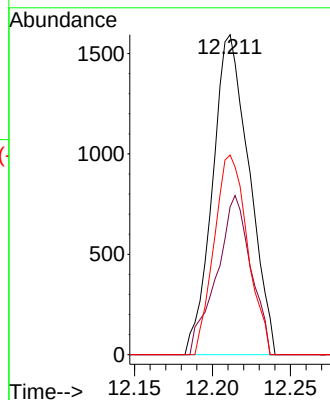
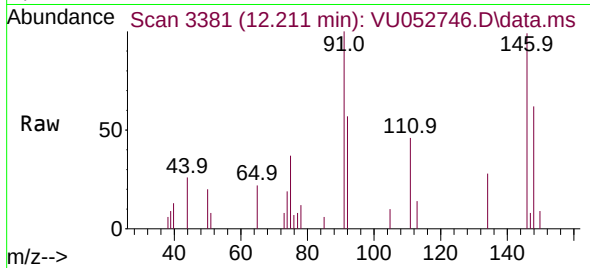




#91
 1,2-Dichlorobenzene
 Concen: 0.557 ug/l
 RT: 12.211 min Scan# 3381
 Delta R.T. 0.004 min
 Lab File: VU052746.D
 Acq: 19 Jan 2023 19:31

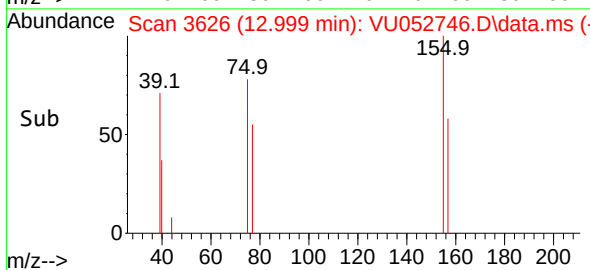
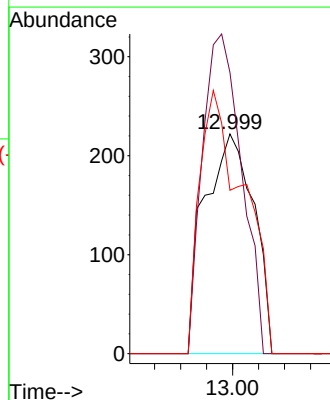
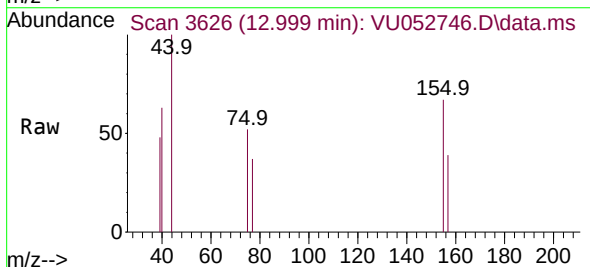
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

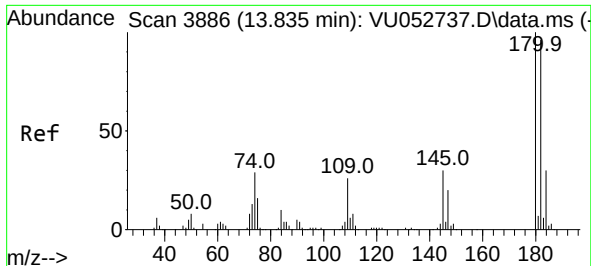
Tgt Ion:146 Resp: 2601
 Ion Ratio Lower Upper
 146 100
 111 46.4 21.1 63.1
 148 57.0 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.377 ug/l
 RT: 12.999 min Scan# 3626
 Delta R.T. 0.010 min
 Lab File: VU052746.D
 Acq: 19 Jan 2023 19:31

Tgt Ion: 75 Resp: 291
 Ion Ratio Lower Upper
 75 100
 155 115.8 41.4 124.4
 157 107.6 53.4 160.2





#93

1,2,4-Trichlorobenzene

Concen: 0.686 ug/l

RT: 13.841 min Scan# 3888

Delta R.T. 0.007 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

Instrument :

MSVOA_U

ClientSampleId :

MDL05

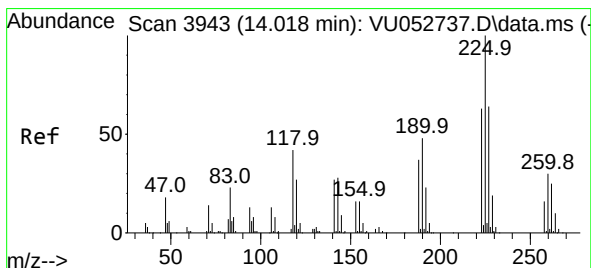
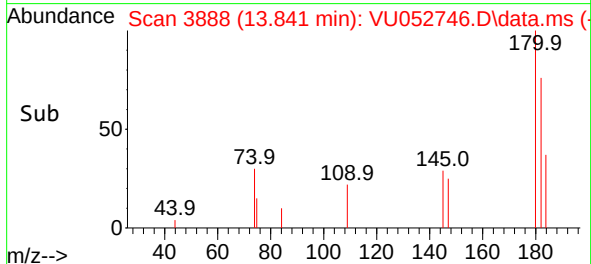
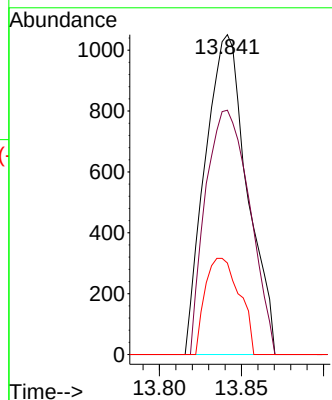
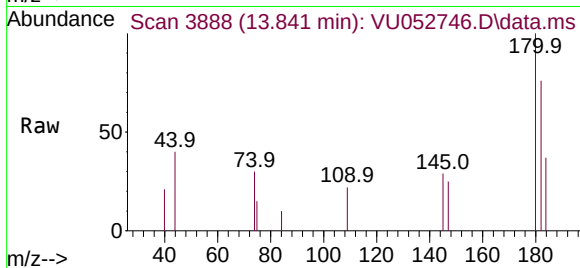
Tgt Ion:180 Resp: 1870

Ion Ratio Lower Upper

180 100

182 80.2 47.4 142.3

145 24.5 14.9 44.5



#94

Hexachlorobutadiene

Concen: 0.621 ug/l

RT: 14.021 min Scan# 3944

Delta R.T. 0.004 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

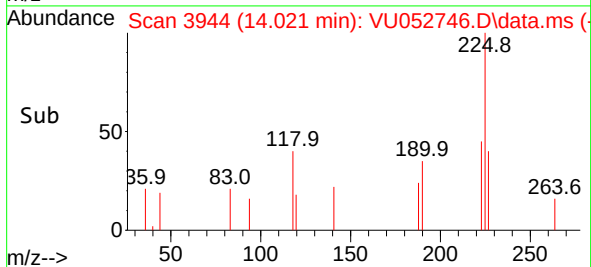
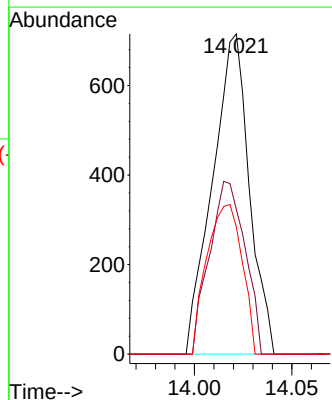
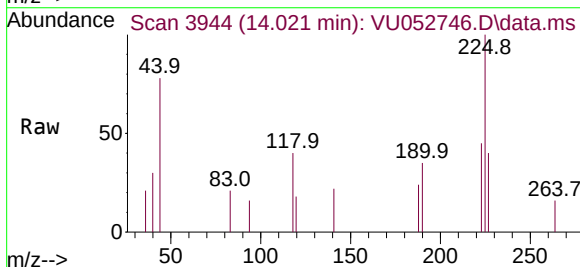
Tgt Ion:225 Resp: 938

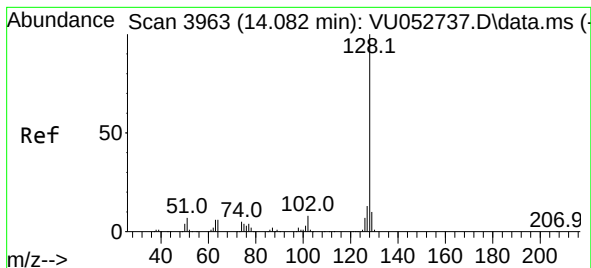
Ion Ratio Lower Upper

225 100

223 52.1 31.8 95.3

227 44.8 31.8 95.4





#95

Naphthalene

Concen: 0.746 ug/l

RT: 14.089 min Scan# 3963

Delta R.T. 0.007 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

Instrument :

MSVOA_U

ClientSampleId :

MDL05

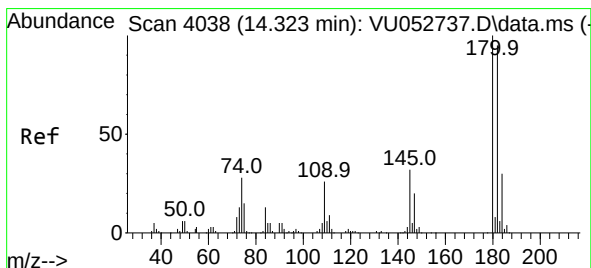
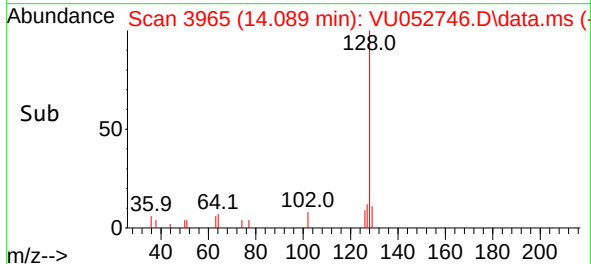
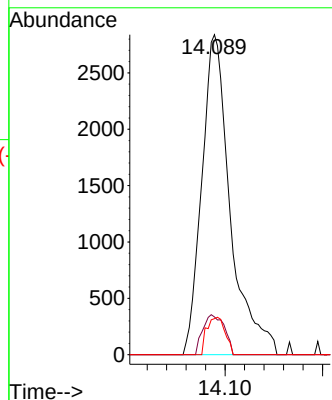
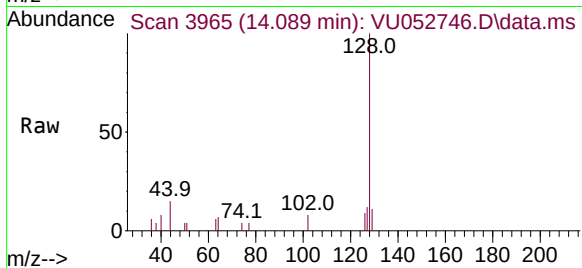
Tgt Ion:128 Resp: 5772

Ion Ratio Lower Upper

128 100

127 9.5 10.3 15.5#

129 7.5 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 0.713 ug/l

RT: 14.327 min Scan# 4039

Delta R.T. 0.004 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

Tgt Ion:180 Resp: 1929

Ion Ratio Lower Upper

180 100

182 85.7 48.1 144.3

145 24.3 15.8 47.4

