

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082222\
 Data File : VU050403.D
 Acq On : 22 Aug 2022 18:01
 Operator : SY/MD
 Sample : N3734-10DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WS-OXYGENATESDL

Quant Time: Aug 23 08:28:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Aug 23 08:18:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.118	96	33392	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	10836	0.953	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
68) 1,2-Dichlorobenzene-d4	12.198	152	9981	0.743	ug/l	0.00
Spiked Amount 1.000			Recovery	=	74.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	64	0.005	ug/l	# 42
3) Chloromethane	1.520	50	1233	0.073	ug/l	# 80
4) Vinyl Chloride	1.604	62	273	0.019	ug/l	# 83
5) Bromomethane	1.855	94	144	0.024	ug/l	# 72
6) Chloroethane	1.932	64	237	0.027	ug/l	# 42
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	30101	3.000	ug/l	96
9) 1,1-Dichloroethene	2.588	96	258	0.026	ug/l	26
14) Carbon Disulfide	2.800	76	1410	0.046	ug/l	# 88
15) Methylene Chloride	3.051	84	5512	0.414	ug/l	90
16) trans-1,2-Dichloroethene	3.350	96	39	0.004	ug/l	# 43
17) 1,1-Dichloroethane	3.880	63	381	0.018	ug/l	# 83
19) Cyclohexane	5.359	56	461	0.030	ug/l	# 49
20) Methylcyclohexane	6.790	83	63	0.005	ug/l	# 69
21) 2,2-Dichloropropane	4.655	77	350	0.022	ug/l	# 52
22) cis-1,2-Dichloroethene	4.678	96	44	0.004	ug/l	# 1
23) Diethyl Ether	2.585	59	210	0.025	ug/l	# 37
24) tert-Butyl Alcohol	3.224	59	7328	8.201	ug/l	# 73
25) Methyl tert-Butyl Ether	3.388	73	182152	6.973	ug/l	95
27) Chloroform	5.089	83	736	0.036	ug/l	79
28) 1,1,1-Trichloroethane	5.308	97	302	0.017	ug/l	# 1
29) 1,1-Dichloropropene	5.501	75	236	0.017	ug/l	# 42
30) Carbon Tetrachloride	5.501	117	109	0.008	ug/l	# 75
31) Isopropyl Ether	4.028	45	300108	9.137	ug/l	99
32) Ethyl-t-butyl ether	4.533	59	81640	3.164	ug/l	99
33) Tert-Amyl methyl ether	5.964	73	96135	5.715	ug/l	98
34) Propionitrile	4.861	54	21	0.022	ug/l	# 1
35) Benzene	5.764	78	856	0.021	ug/l	# 82
36) 1,2-Dichloroethane	5.803	62	198	0.016	ug/l	# 75
37) Trichloroethene	6.578	130	130	0.013	ug/l	# 1
38) 1,2-Dichloropropane	6.838	63	169	0.015	ug/l	# 43
40) Methyl acrylate	4.610	55	109	0.018	ug/l	# 1
41) Tetrahydrofuran	5.073	42	263	0.134	ug/l	# 31
42) 1-Chlorobutane	5.424	56	364	0.018	ug/l	# 57
44) Bromodichloromethane	7.147	83	159	0.011	ug/l	# 26
45) 4-Methyl-2-Pentanone	7.829	43	497	0.083	ug/l	# 42
49) Toluene	7.989	92	347	0.016	ug/l	77
50) t-1,3-Dichloropropene	8.234	75	147	0.013	ug/l	# 44
51) cis-1,3-Dichloropropene	7.645	75	123	0.010	ug/l	# 37
53) 1,3-Dichloropropane	8.600	76	136	0.010	ug/l	# 68
54) 2-Hexanone	8.713	43	217	0.052	ug/l	# 72
55) Dibromochloromethane	8.835	129	111	0.012	ug/l	# 54
58) Tetrachloroethene	8.565	164	145	0.016	ug/l	# 55
59) Chlorobenzene	9.462	112	468	0.020	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082222\
 Data File : VU050403.D
 Acq On : 22 Aug 2022 18:01
 Operator : SY/MD
 Sample : N3734-10DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WS-OXYGENATESDL

Quant Time: Aug 23 08:28:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Aug 23 08:18:20 2022
 Response via : Initial Calibration

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

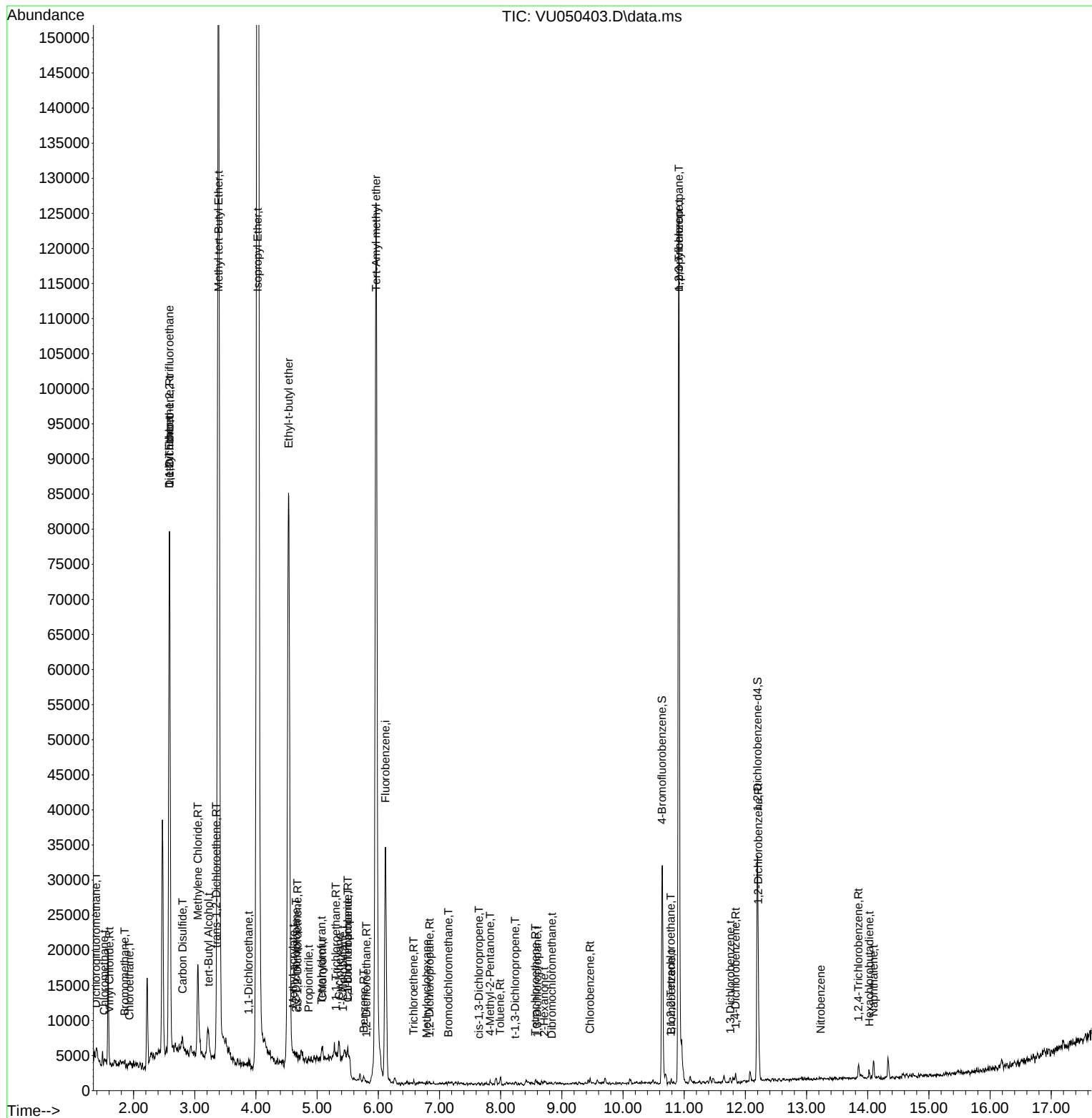
70) 1,1,2,2-Tetrachloroethane	10.780	83	115	0.010	ug/l #	25
71) 1,2,3-Trichloropropane	10.912	75	680	0.075	ug/l #	1
72) Bromobenzene	10.790	156	83	0.008	ug/l	40
73) n-propylbenzene	10.912	120	21003	2.090	ug/l	95
80) Nitrobenzene	13.230	77	129	0.197	ug/l #	42
82) 1,3-Dichlorobenzene	11.755	146	551	0.026	ug/l #	78
83) 1,4-Dichlorobenzene	11.841	146	574	0.027	ug/l #	80
85) 1,2-Dichlorobenzene	12.211	146	540	0.026	ug/l	77
87) 1,2,4-Trichlorobenzene	13.848	180	833	0.070	ug/l	95
88) Hexachlorobutadiene	14.025	225	374	0.048	ug/l	88
89) Naphthalene	14.095	128	2651	1.035	ug/l #	90

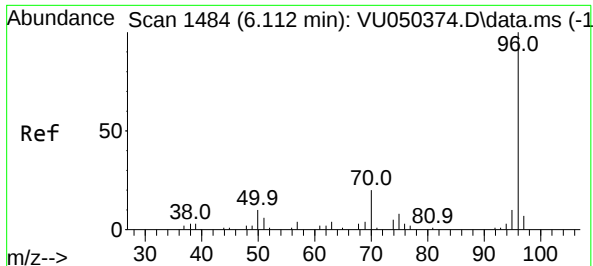
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082222\
 Data File : VU050403.D
 Acq On : 22 Aug 2022 18:01
 Operator : SY/MD
 Sample : N3734-10DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WS-OXYGENATESDL

Quant Time: Aug 23 08:28:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Aug 23 08:18:20 2022
 Response via : Initial Calibration

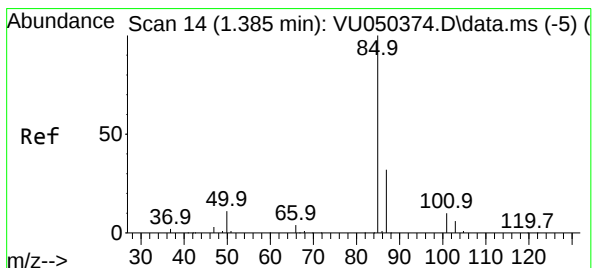
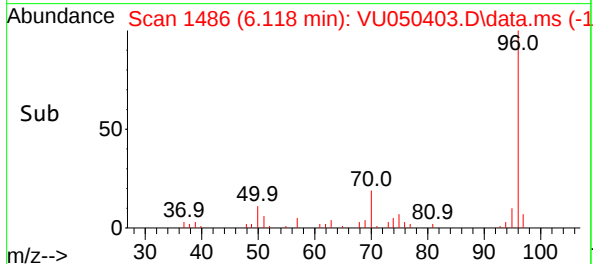
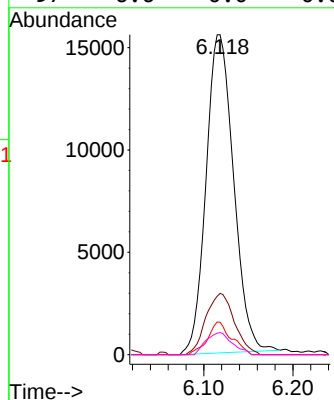
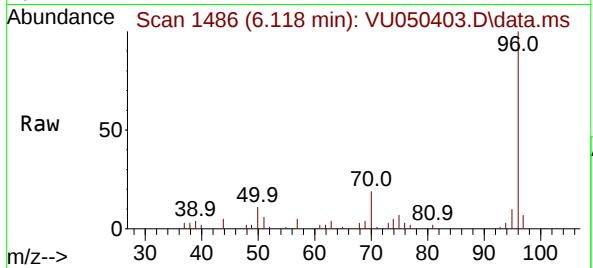




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU050403.D
Acq: 22 Aug 2022 18:01

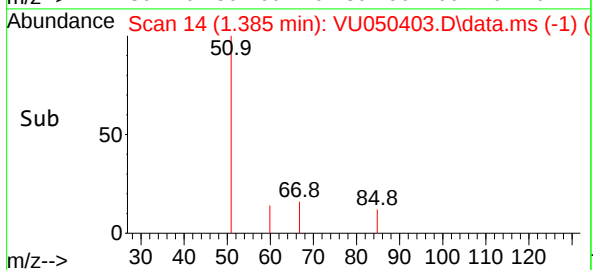
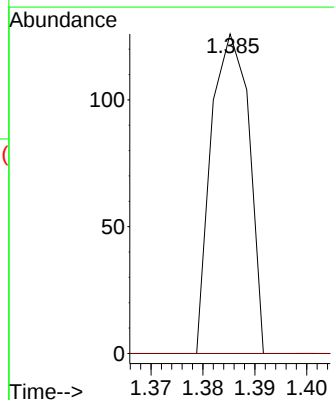
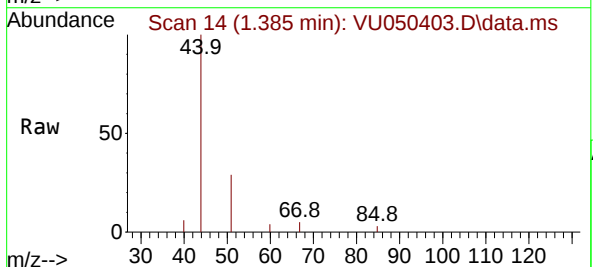
Instrument :
MSVOA_U
ClientSampleId :
WS-OXYGENATESDL

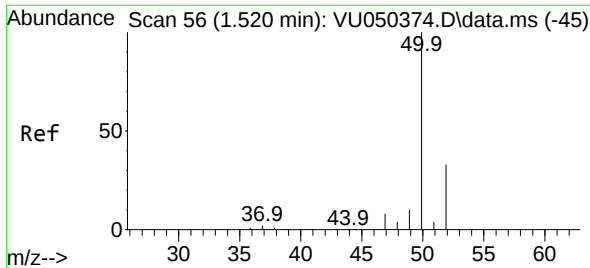
Tgt Ion: 96	Resp: 33392
Ion Ratio	Lower Upper
96 100	
70 19.9	16.7 25.1
95 8.9	7.4 11.0
97 6.6	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.005 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050403.D
Acq: 22 Aug 2022 18:01

Tgt Ion: 85	Resp: 64
Ion Ratio	Lower Upper
85 100	
87 0.0	16.3 48.8#

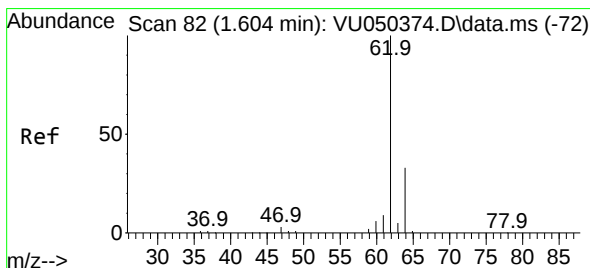
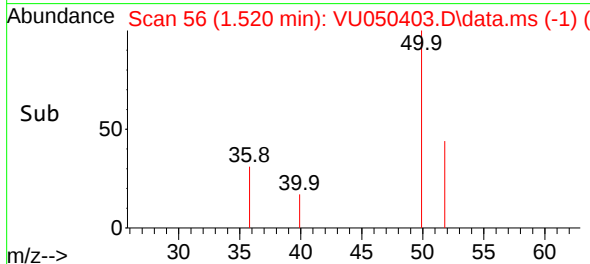
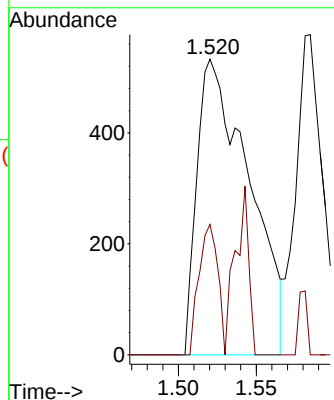
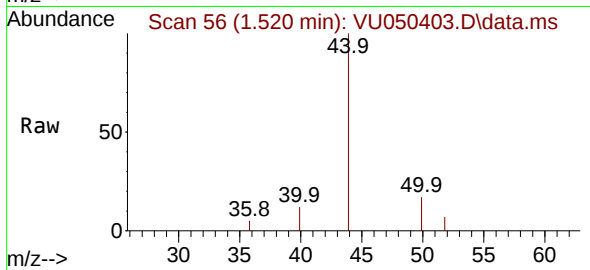




#3
Chloromethane
Concen: 0.073 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU050403.D
Acq: 22 Aug 2022 18:01

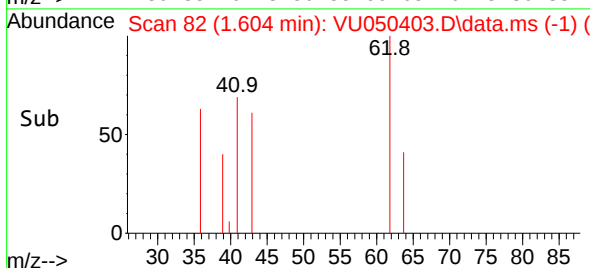
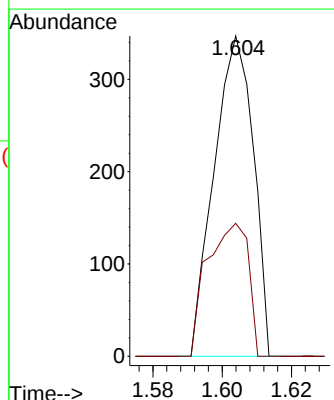
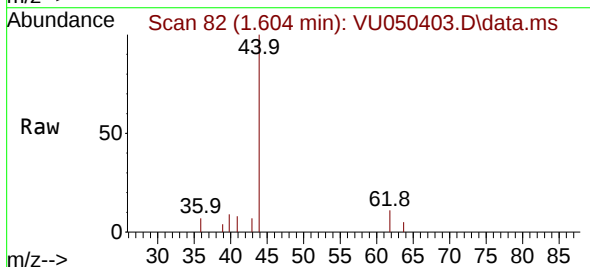
Instrument :
MSVOA_U
ClientSampleId :
WS-OXYGENATESDL

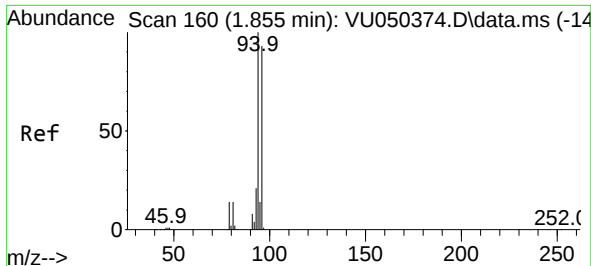
Tgt Ion: 50 Resp: 1233
Ion Ratio Lower Upper
50 100
52 44.1 26.1 39.1#



#4
Vinyl Chloride
Concen: 0.019 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU050403.D
Acq: 22 Aug 2022 18:01

Tgt Ion: 62 Resp: 273
Ion Ratio Lower Upper
62 100
64 41.5 25.5 38.3#

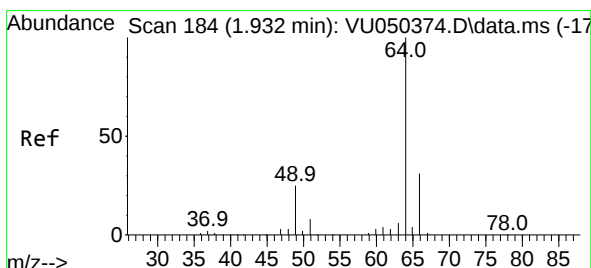
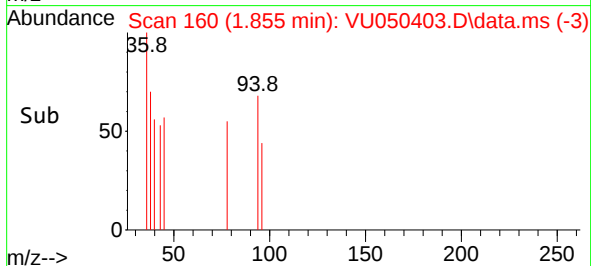
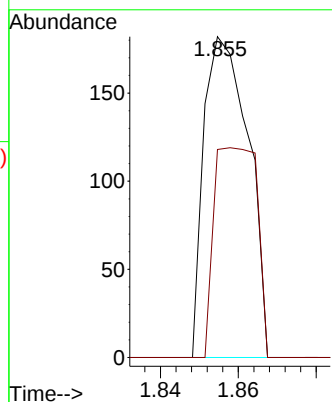
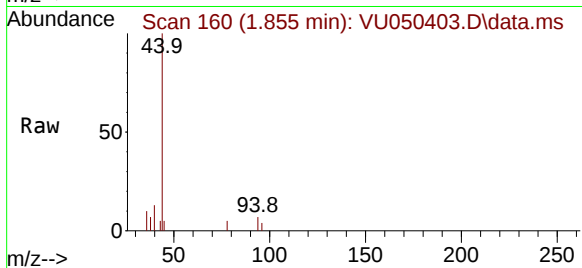




#5
Bromomethane
Concen: 0.024 ug/l
RT: 1.855 min Scan# 160
Delta R.T. 0.003 min
Lab File: VU050403.D
Acq: 22 Aug 2022 18:01

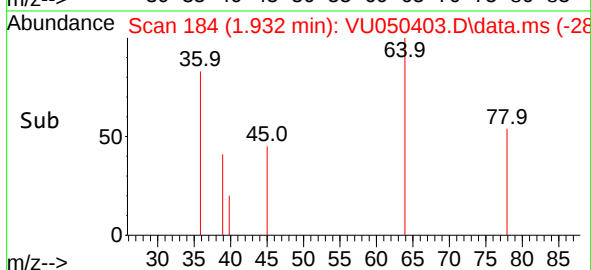
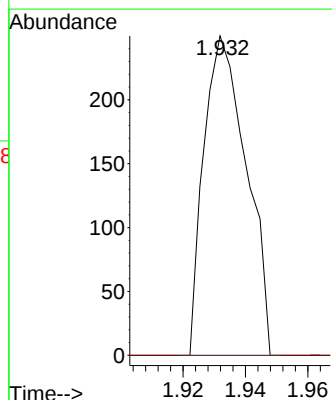
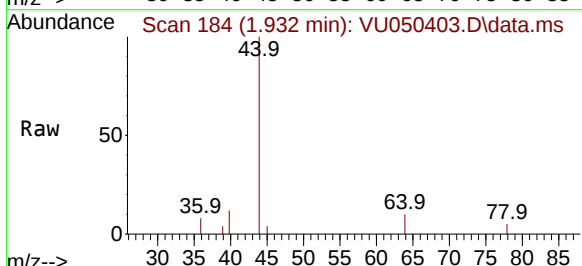
Instrument :
MSVOA_U
ClientSampleId :
WS-OXYGENATESDL

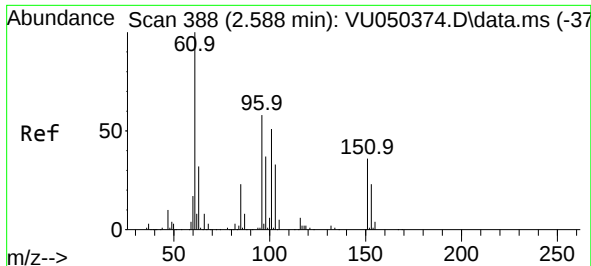
Tgt Ion: 94 Resp: 144
Ion Ratio Lower Upper
94 100
96 64.8 73.0 109.6#



#6
Chloroethane
Concen: 0.027 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU050403.D
Acq: 22 Aug 2022 18:01

Tgt Ion: 64 Resp: 237
Ion Ratio Lower Upper
64 100
66 0.0 25.8 38.6#

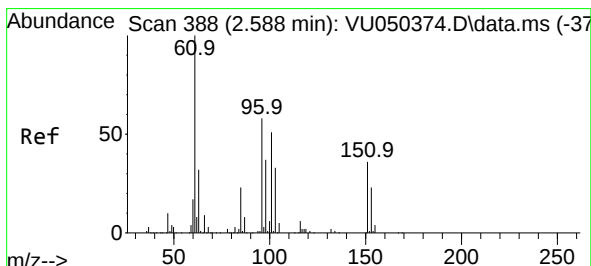
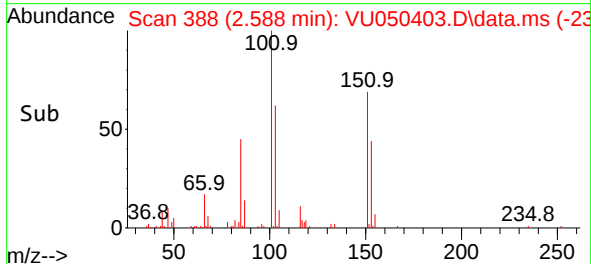
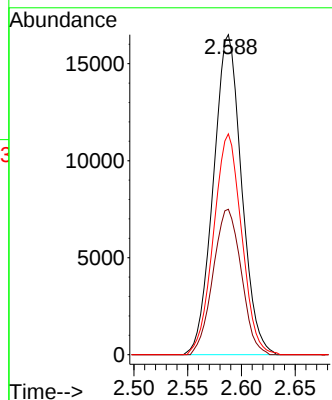
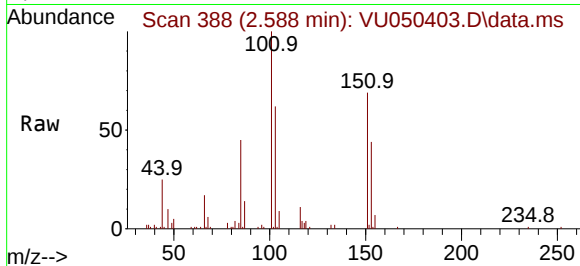




#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.000 ug/l
RT: 2.588 min Scan# 388
Delta R.T. 0.007 min
Lab File: VU050403.D
Acq: 22 Aug 2022 18:01

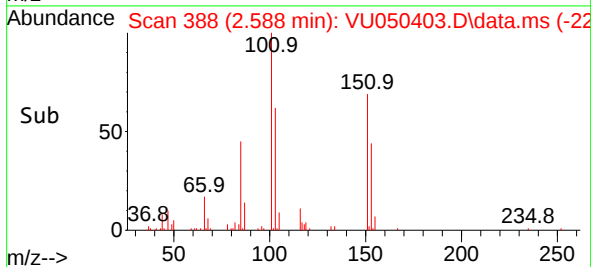
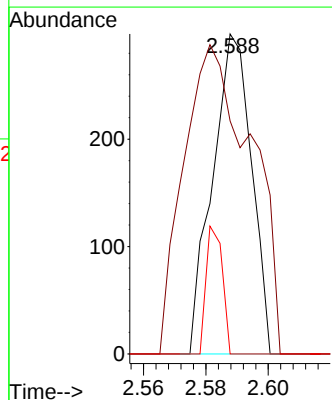
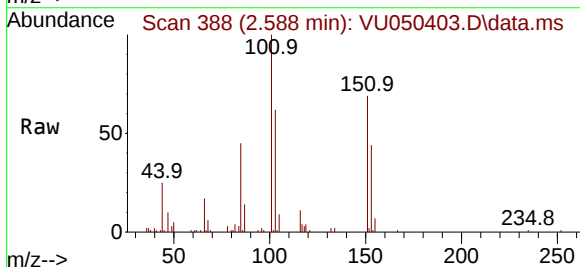
Instrument :
MSVOA_U
ClientSampleId :
WS-OXYGENATESDL

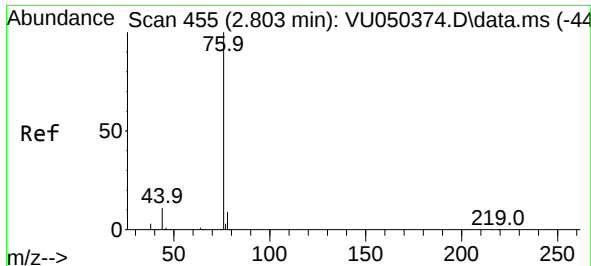
Tgt Ion:101 Resp: 30101
Ion Ratio Lower Upper
101 100
85 45.4 36.4 54.6
151 68.7 59.1 88.7



#9
1,1-Dichloroethene
Concen: 0.026 ug/l
RT: 2.588 min Scan# 388
Delta R.T. 0.010 min
Lab File: VU050403.D
Acq: 22 Aug 2022 18:01

Tgt Ion: 96 Resp: 258
Ion Ratio Lower Upper
96 100
61 72.8 0.0 510.6
98 0.0 0.0 124.6

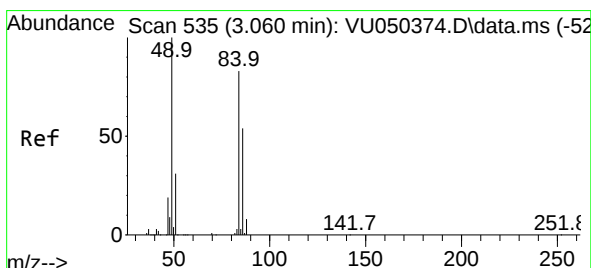
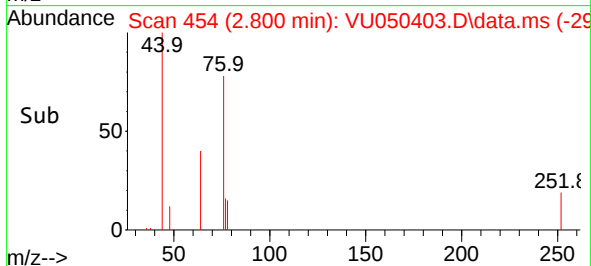
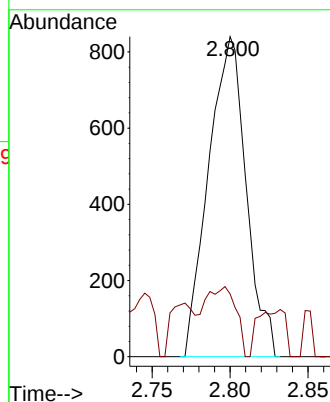
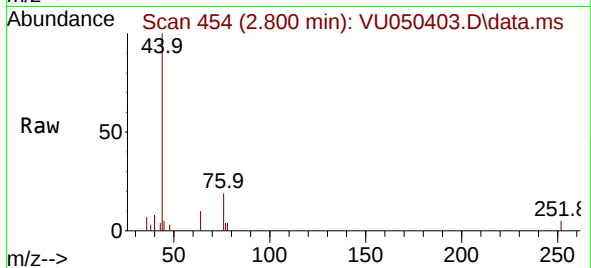




#14
Carbon Disulfide
Concen: 0.046 ug/l
RT: 2.800 min Scan# 41
Delta R.T. 0.010 min
Lab File: VU050403.D
Acq: 22 Aug 2022 18:01

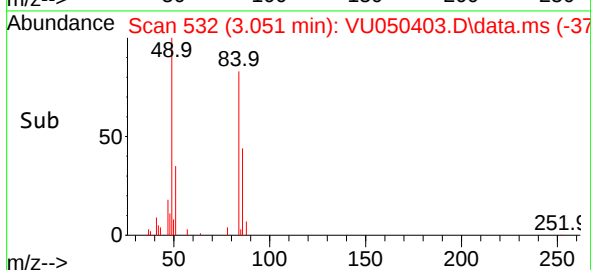
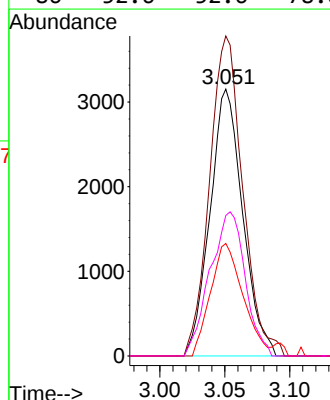
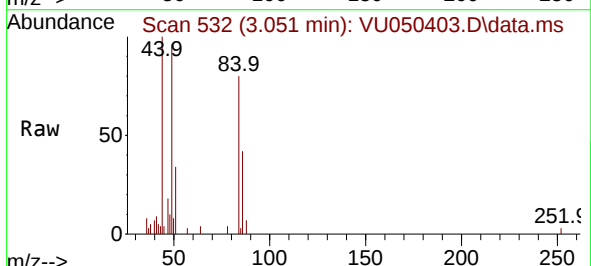
Instrument :
MSVOA_U
ClientSampleId :
WS-OXYGENATESDL

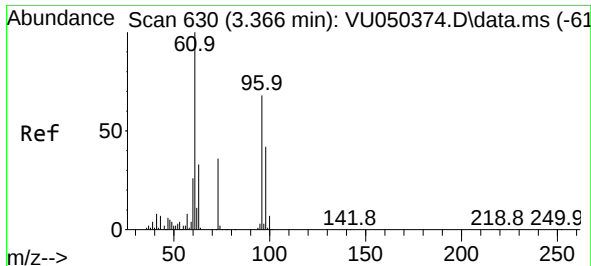
Tgt Ion: 76 Resp: 1410
Ion Ratio Lower Upper
76 100
78 4.9 7.4 11.0#



#15
Methylene Chloride
Concen: 0.414 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.007 min
Lab File: VU050403.D
Acq: 22 Aug 2022 18:01

Tgt Ion: 84 Resp: 5512
Ion Ratio Lower Upper
84 100
49 119.9 104.6 157.0
51 42.2 0.0 81.4
86 52.6 52.6 78.8

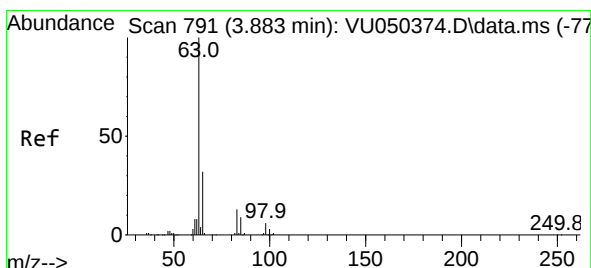
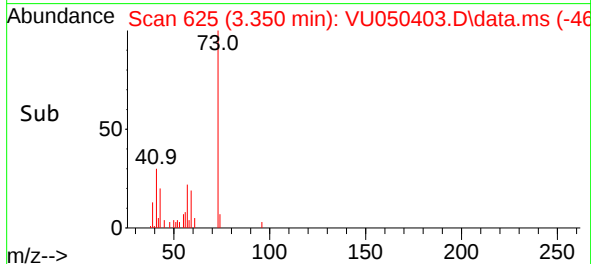
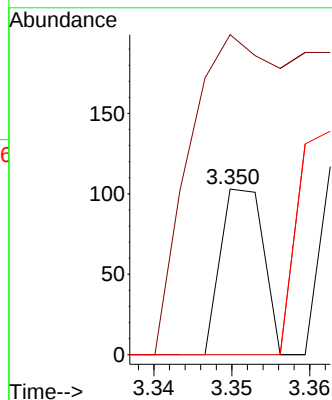
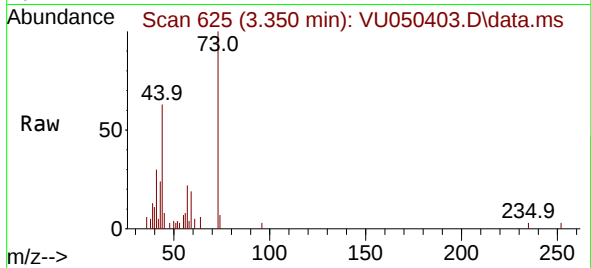




#16
trans-1,2-Dichloroethene
Concen: 0.004 ug/l
RT: 3.350 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU050403.D
Acq: 22 Aug 2022 18:01

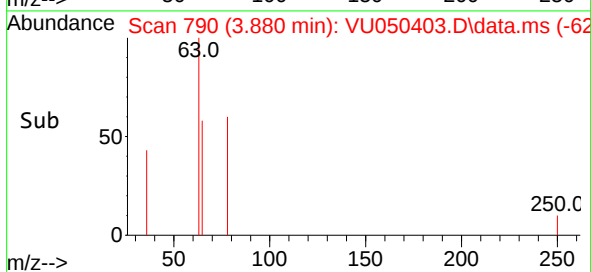
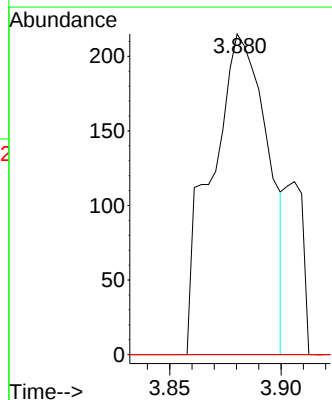
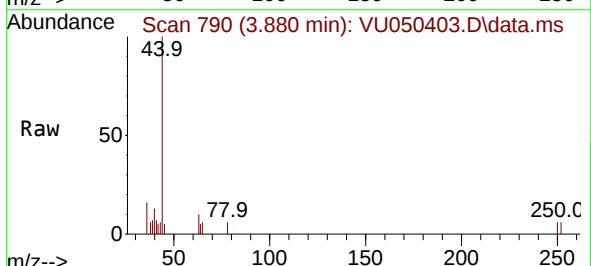
Instrument :
MSVOA_U
ClientSampleId :
WS-OXYGENATESDL

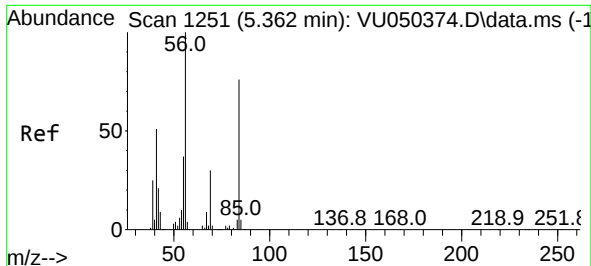
Tgt Ion: 96 Resp: 39
Ion Ratio Lower Upper
96 100
61 94.2 123.4 185.0#
98 0.0 51.6 77.4#



#17
1,1-Dichloroethane
Concen: 0.018 ug/l
RT: 3.880 min Scan# 790
Delta R.T. 0.016 min
Lab File: VU050403.D
Acq: 22 Aug 2022 18:01

Tgt Ion: 63 Resp: 381
Ion Ratio Lower Upper
63 100
98 0.0 3.4 10.2#
100 0.0 2.0 6.0#





#19

Cyclohexane

Concen: 0.030 ug/l

RT: 5.359 min Scan# 1

Delta R.T. -0.026 min

Lab File: VU050403.D

Acq: 22 Aug 2022 18:01

Instrument :

MSVOA_U

ClientSampleId :

WS-OXYGENATESDL

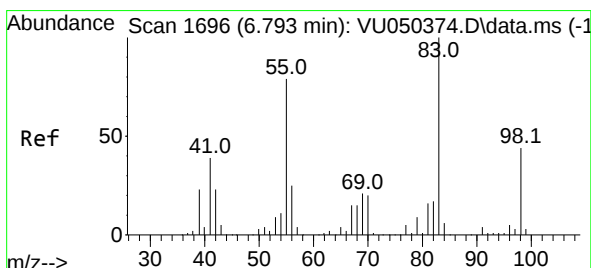
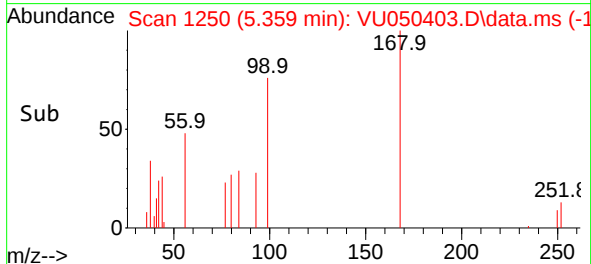
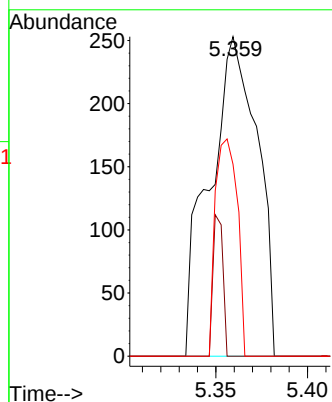
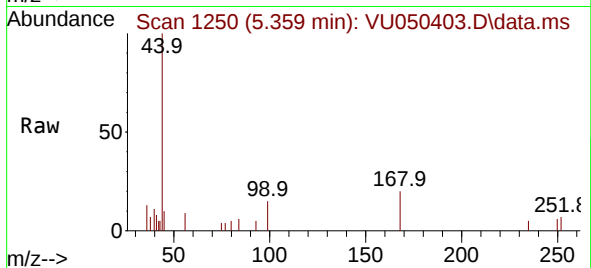
Tgt Ion: 56 Resp: 461

Ion Ratio Lower Upper

56 100

69 9.1 24.2 36.4#

84 30.8 63.4 95.2#



#20

Methylcyclohexane

Concen: 0.005 ug/l

RT: 6.790 min Scan# 1695

Delta R.T. 0.029 min

Lab File: VU050403.D

Acq: 22 Aug 2022 18:01

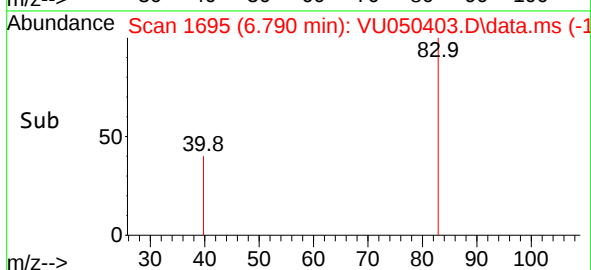
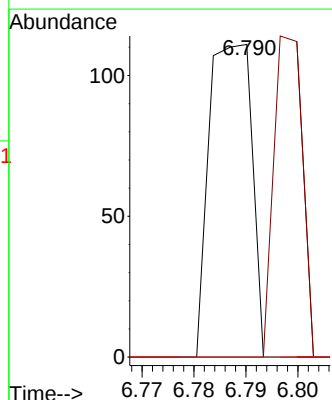
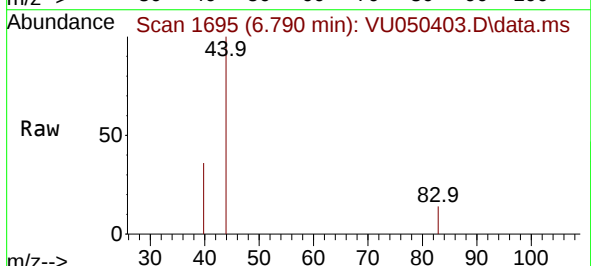
Tgt Ion: 83 Resp: 63

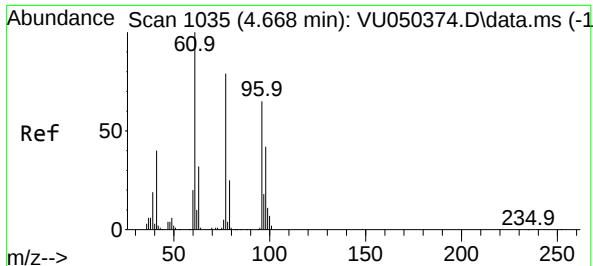
Ion Ratio Lower Upper

83 100

55 69.8 63.0 94.4

98 0.0 35.7 53.5#





#21

2,2-Dichloropropane

Concen: 0.022 ug/l

RT: 4.655 min Scan# 1031

Delta R.T. -0.009 min

Lab File: VU050403.D

Acq: 22 Aug 2022 18:01

Instrument :

MSVOA_U

ClientSampleId :

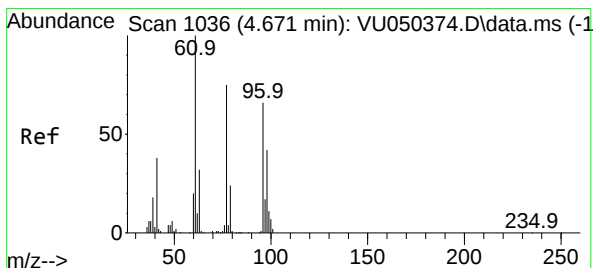
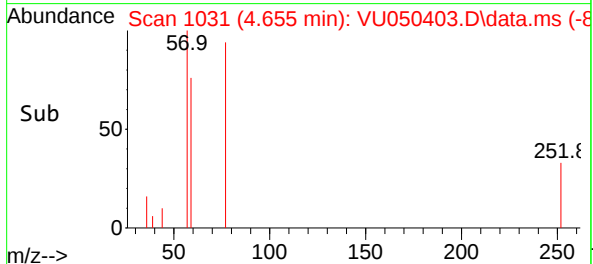
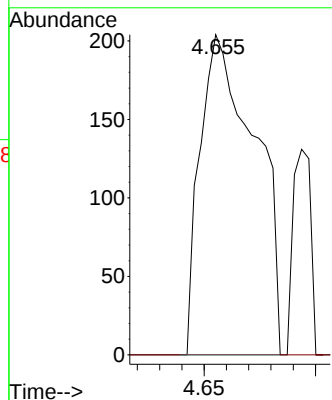
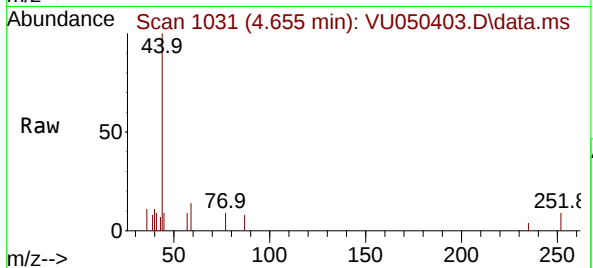
WS-OXYGENATESDL

Tgt Ion: 77 Resp: 350

Ion Ratio Lower Upper

77 100

97 0.0 18.5 27.7#



#22

cis-1,2-Dichloroethene

Concen: 0.004 ug/l

RT: 4.678 min Scan# 1038

Delta R.T. 0.013 min

Lab File: VU050403.D

Acq: 22 Aug 2022 18:01

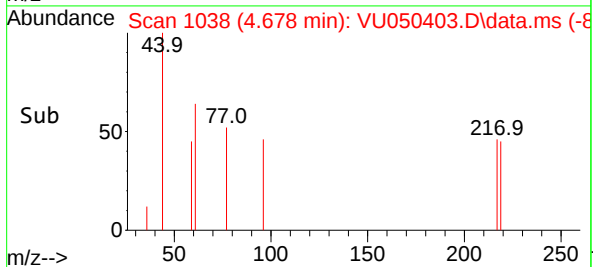
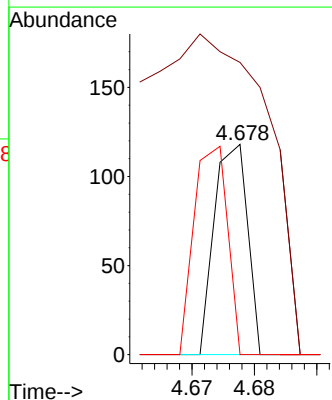
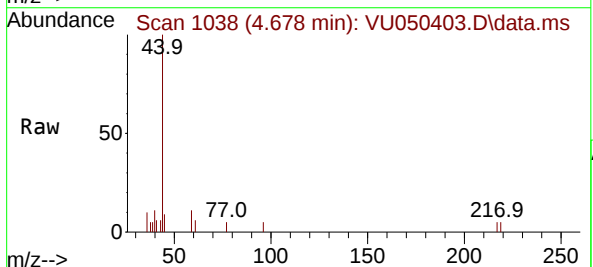
Tgt Ion: 96 Resp: 44

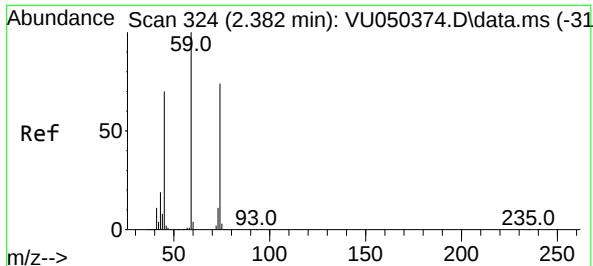
Ion Ratio Lower Upper

96 100

61 604.5 0.0 375.8#

98 100.0 31.6 95.0#

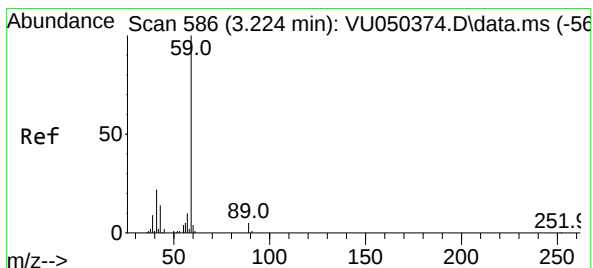
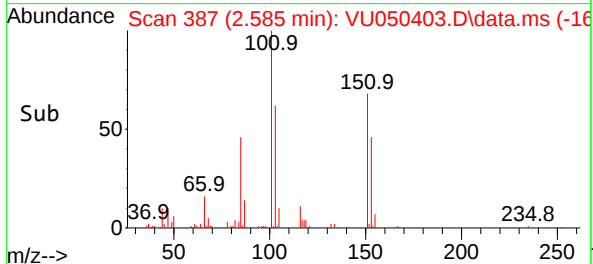
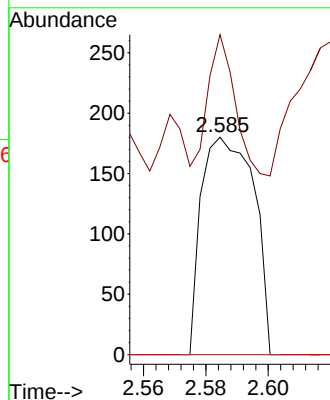
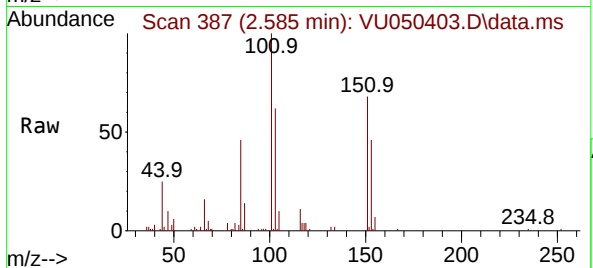




#23
Diethyl Ether
Concen: 0.025 ug/l
RT: 2.585 min Scan# 31
Delta R.T. 0.206 min
Lab File: VU050403.D
Acq: 22 Aug 2022 18:01

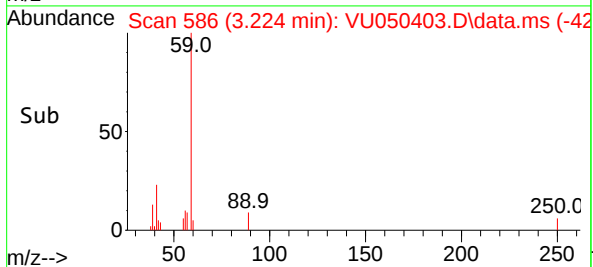
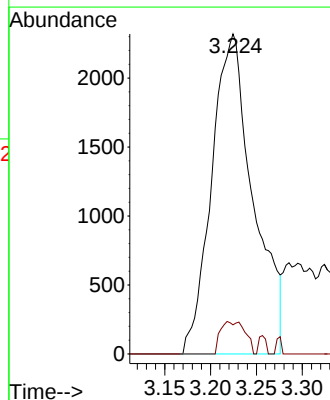
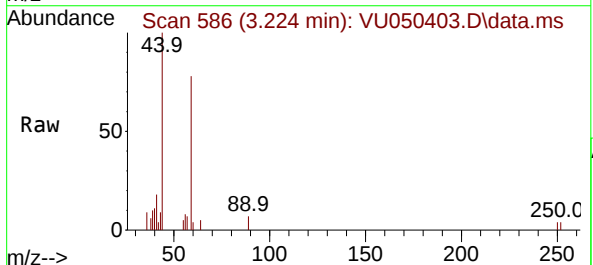
Instrument :
MSVOA_U
ClientSampleId :
WS-OXYGENATESDL

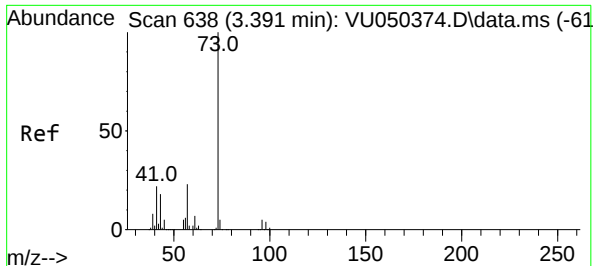
Tgt Ion: 59 Resp: 210
Ion Ratio Lower Upper
59 100
45 38.6 56.0 84.0#
74 0.0 57.6 86.4#



#24
tert-Butyl Alcohol
Concen: 8.201 ug/l
RT: 3.224 min Scan# 586
Delta R.T. 0.029 min
Lab File: VU050403.D
Acq: 22 Aug 2022 18:01

Tgt Ion: 59 Resp: 7328
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

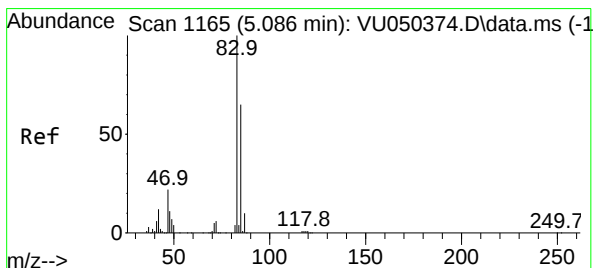
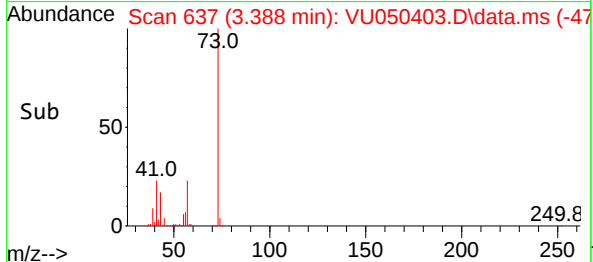
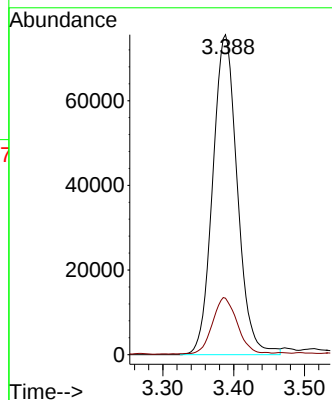
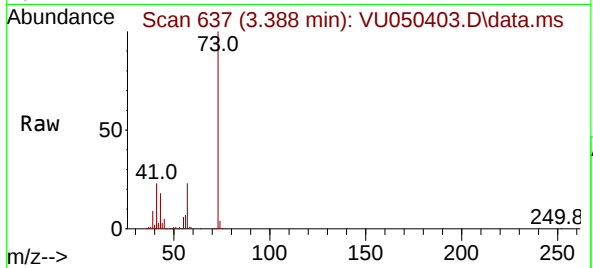




#25
Methyl tert-Butyl Ether
Concen: 6.973 ug/l
RT: 3.388 min Scan# 61
Delta R.T. 0.019 min
Lab File: VU050403.D
Acq: 22 Aug 2022 18:01

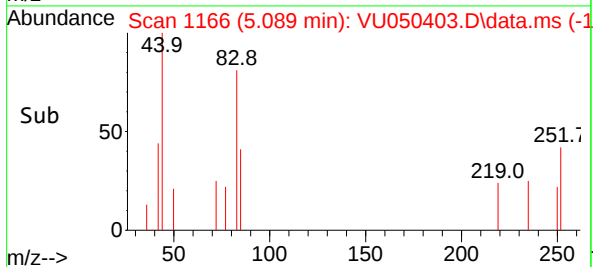
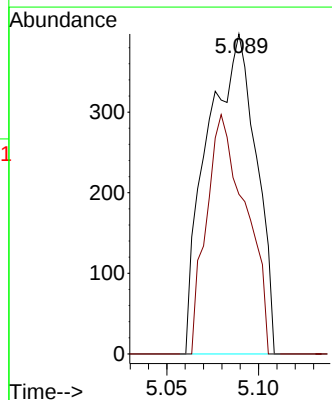
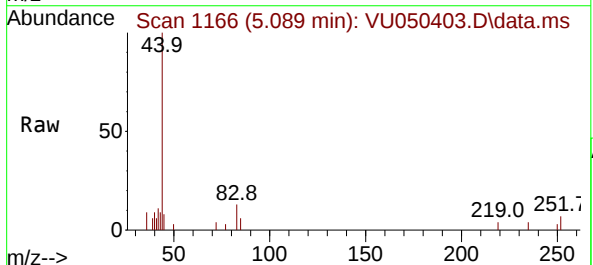
Instrument :
MSVOA_U
ClientSampleId :
WS-OXYGENATESDL

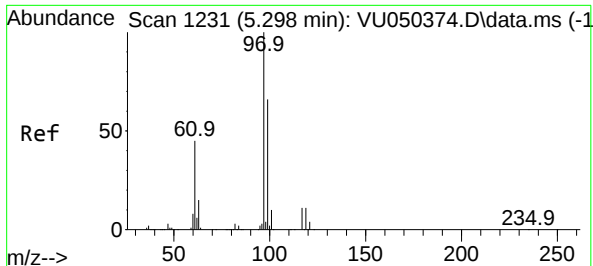
Tgt Ion: 73 Resp: 182152
Ion Ratio Lower Upper
73 100
43 17.6 15.9 23.9



#27
Chloroform
Concen: 0.036 ug/l
RT: 5.089 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VU050403.D
Acq: 22 Aug 2022 18:01

Tgt Ion: 83 Resp: 736
Ion Ratio Lower Upper
83 100
85 49.9 0.0 133.6





#28

1,1,1-Trichloroethane

Concen: 0.017 ug/l

RT: 5.308 min Scan# 11

Delta R.T. -0.006 min

Lab File: VU050403.D

Acq: 22 Aug 2022 18:01

Instrument :

MSVOA_U

ClientSampleId :

WS-OXYGENATESDL

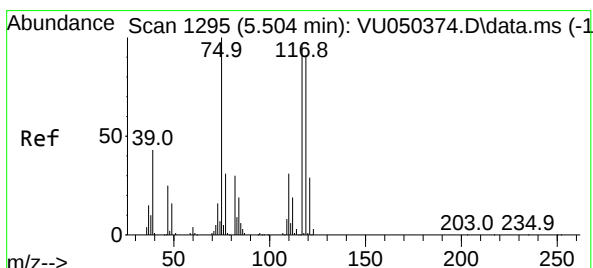
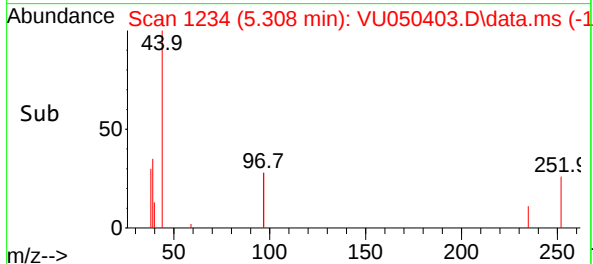
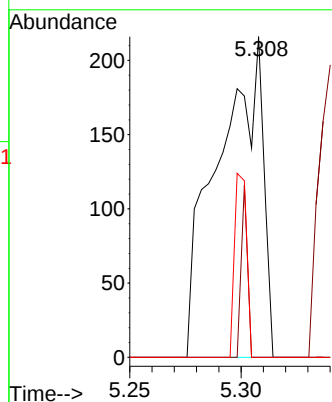
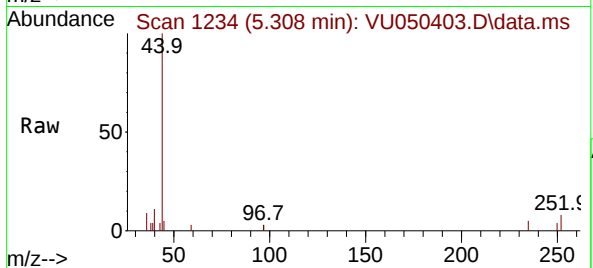
Tgt Ion: 97 Resp: 302

Ion Ratio Lower Upper

97 100

99 261.3 32.1 96.5#

61 15.6 21.8 65.4#



#29

1,1-Dichloropropene

Concen: 0.017 ug/l

RT: 5.501 min Scan# 1294

Delta R.T. -0.022 min

Lab File: VU050403.D

Acq: 22 Aug 2022 18:01

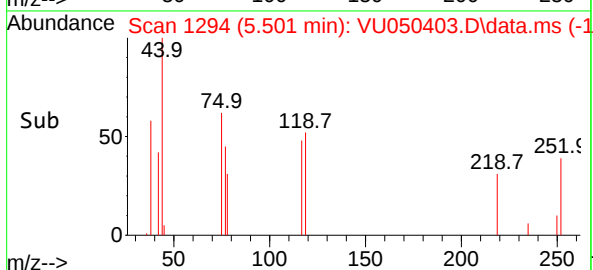
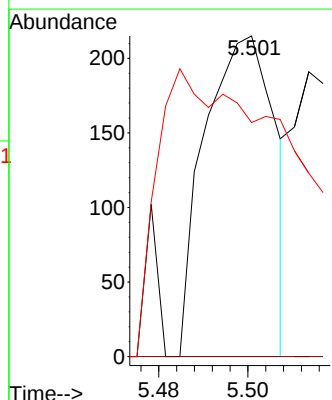
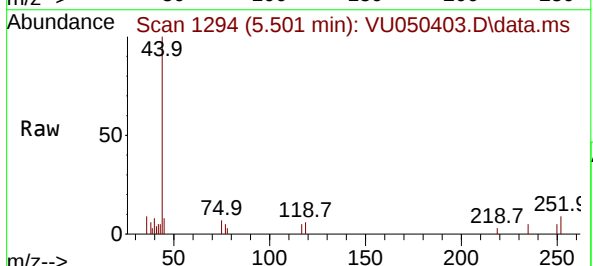
Tgt Ion: 75 Resp: 236

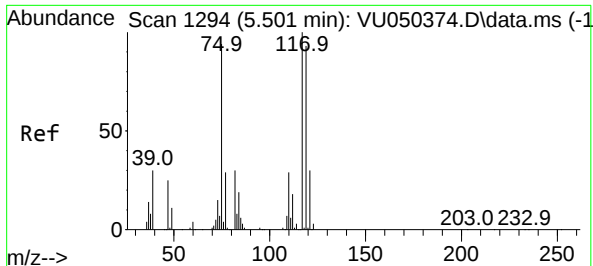
Ion Ratio Lower Upper

75 100

110 0.0 17.3 52.0#

77 0.0 24.6 37.0#

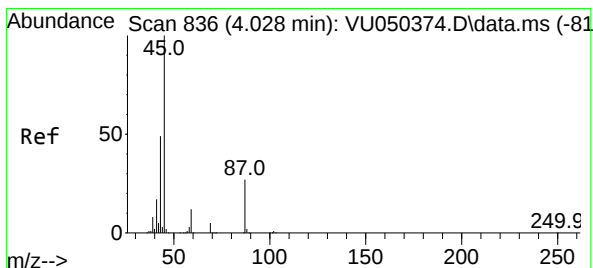
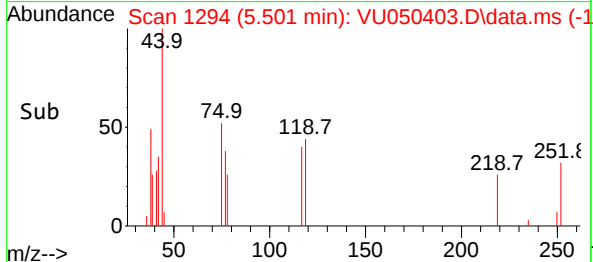
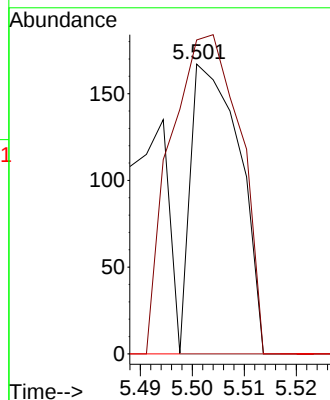
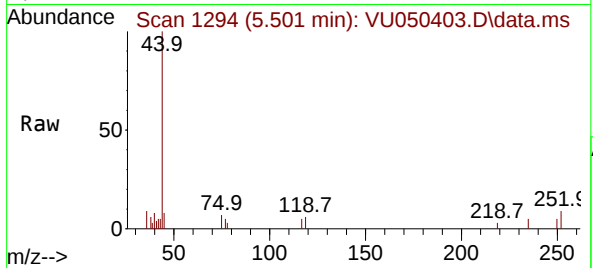




#30
Carbon Tetrachloride
Concen: 0.008 ug/l
RT: 5.501 min Scan# 117
Delta R.T. -0.019 min
Lab File: VU050403.D
Acq: 22 Aug 2022 18:01

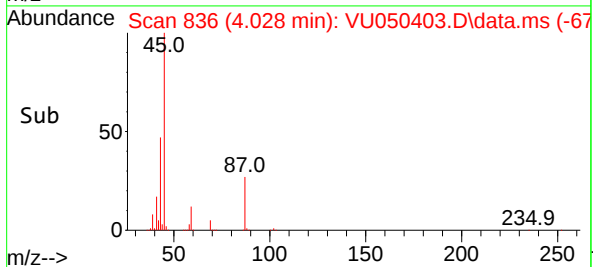
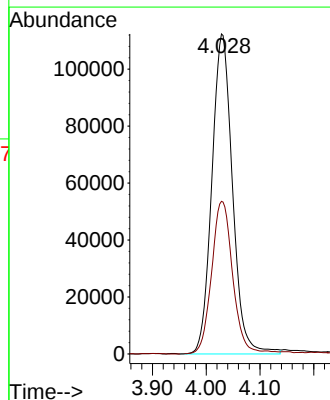
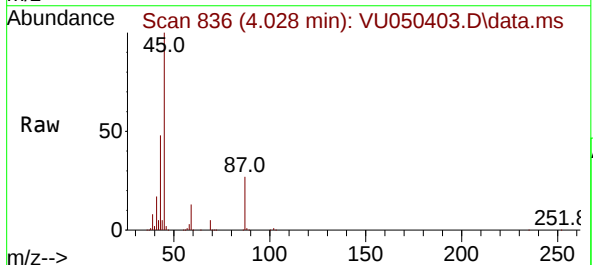
Instrument :
MSVOA_U
ClientSampleId :
WS-OXYGENATESDL

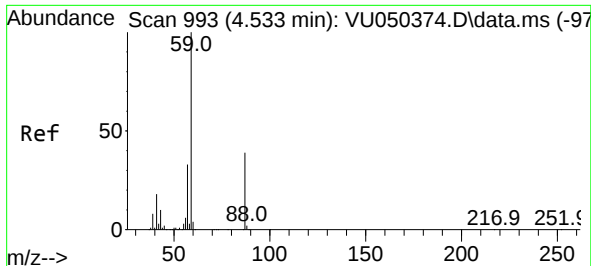
Tgt Ion:117 Resp: 109
Ion Ratio Lower Upper
117 100
119 108.4 74.6 112.0
121 0.0 24.2 36.4#



#31
Isopropyl Ether
Concen: 9.137 ug/l
RT: 4.028 min Scan# 836
Delta R.T. 0.026 min
Lab File: VU050403.D
Acq: 22 Aug 2022 18:01

Tgt Ion: 45 Resp: 300108
Ion Ratio Lower Upper
45 100
43 48.4 23.8 71.2





#32

Ethyl-t-butyl ether

Concen: 3.164 ug/l

RT: 4.533 min Scan# 993

Delta R.T. 0.019 min

Lab File: VU050403.D

Acq: 22 Aug 2022 18:01

Instrument :

MSVOA_U

ClientSampleId :

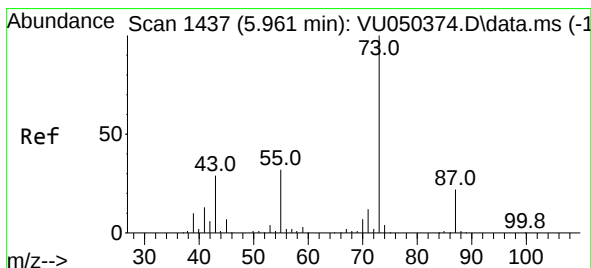
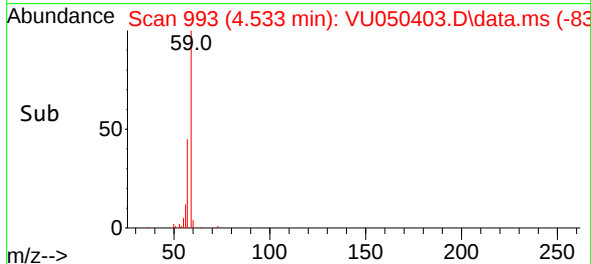
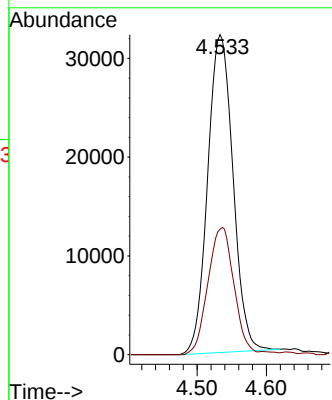
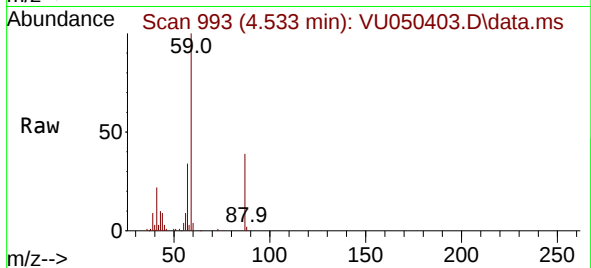
WS-OXYGENATESDL

Tgt Ion: 59 Resp: 81640

Ion Ratio Lower Upper

59 100

87 40.0 32.5 48.7



#33

Tert-Amyl methyl ether

Concen: 5.715 ug/l

RT: 5.964 min Scan# 1438

Delta R.T. 0.016 min

Lab File: VU050403.D

Acq: 22 Aug 2022 18:01

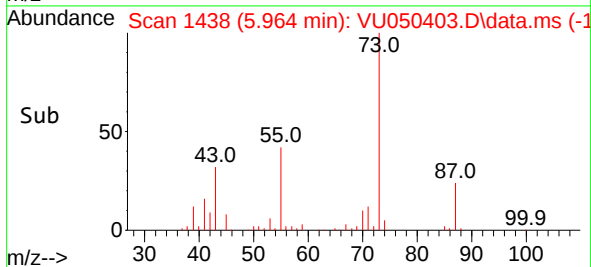
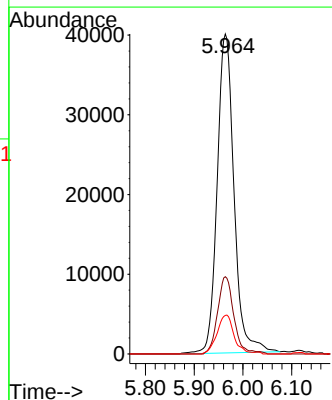
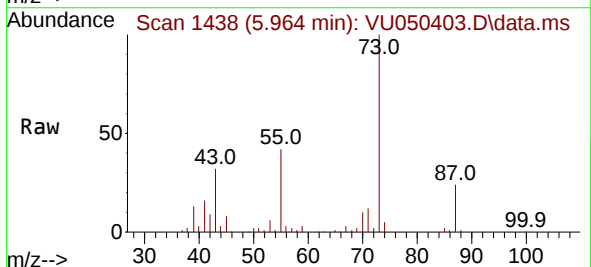
Tgt Ion: 73 Resp: 96135

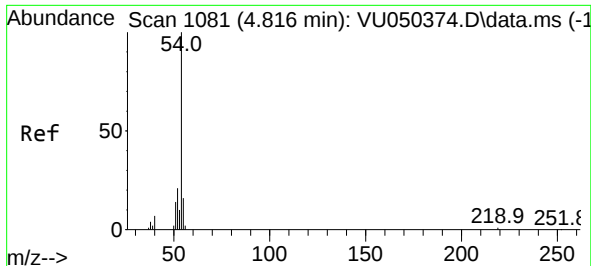
Ion Ratio Lower Upper

73 100

87 23.4 19.7 29.5

71 11.6 9.0 13.4

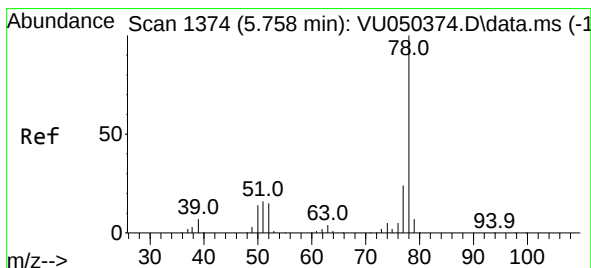
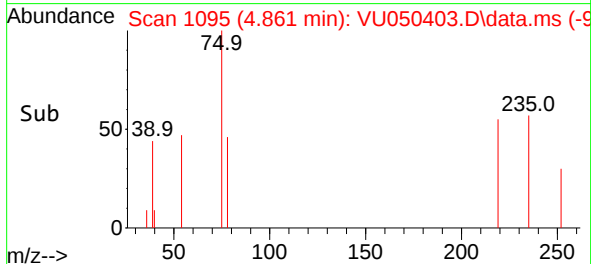
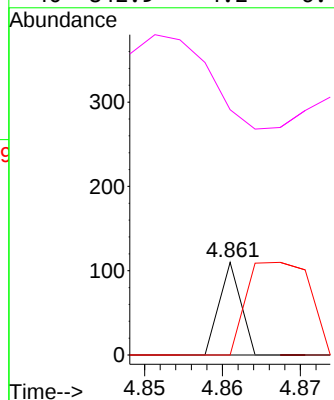
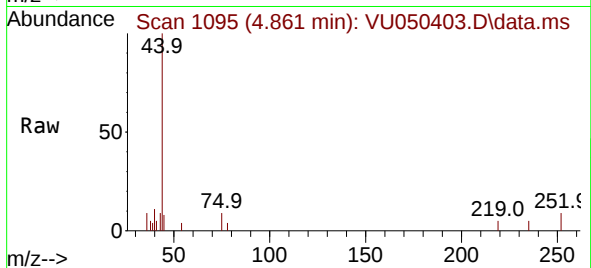




#34
 Propionitrile
 Concen: 0.022 ug/l
 RT: 4.861 min Scan# 1095
 Delta R.T. 0.074 min
 Lab File: VU050403.D
 Acq: 22 Aug 2022 18:01

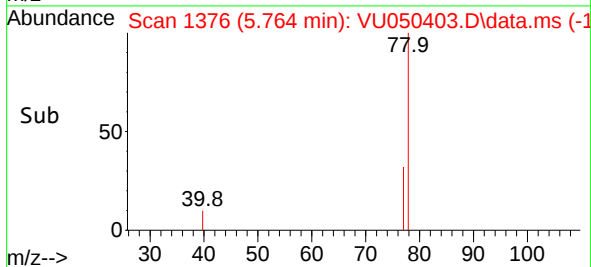
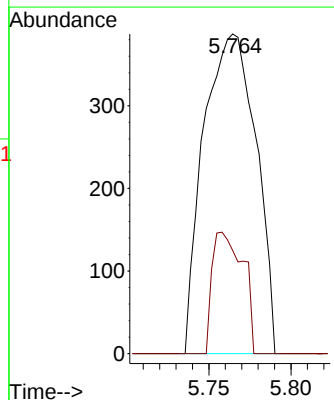
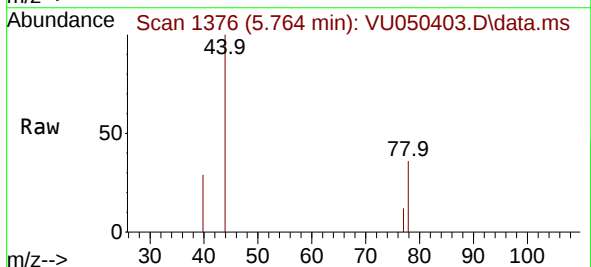
Instrument :
 MSVOA_U
 ClientSampleId :
 WS-OXYGENATESDL

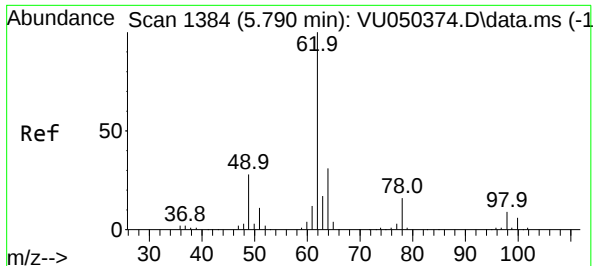
Tgt Ion: 54	Resp: 21
Ion Ratio	Lower Upper
54 100	
52 0.0	15.0 22.6#
55 0.0	12.6 19.0#
40 842.9	4.2 6.4#



#35
 Benzene
 Concen: 0.021 ug/l
 RT: 5.764 min Scan# 1376
 Delta R.T. -0.009 min
 Lab File: VU050403.D
 Acq: 22 Aug 2022 18:01

Tgt Ion: 78	Resp:	856	
Ion	Ratio	Lower	Upper
78	100		
77	32.3	18.6	28.0#





#36

1,2-Dichloroethane

Concen: 0.016 ug/l

RT: 5.803 min Scan# 11

Delta R.T. 0.007 min

Lab File: VU050403.D

Acq: 22 Aug 2022 18:01

Instrument :

MSVOA_U

ClientSampleId :

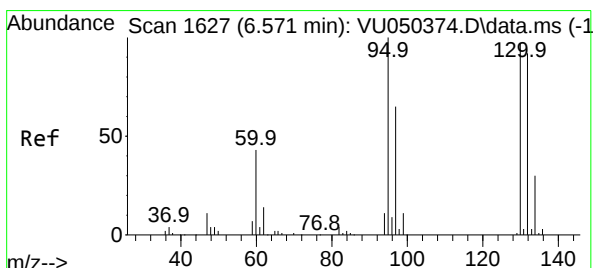
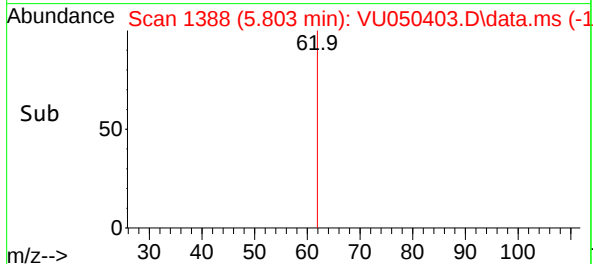
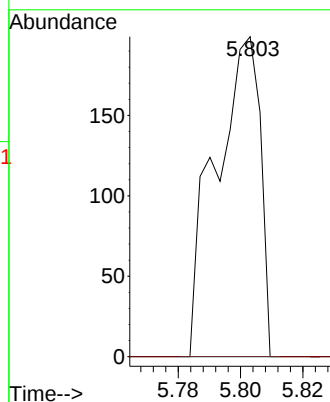
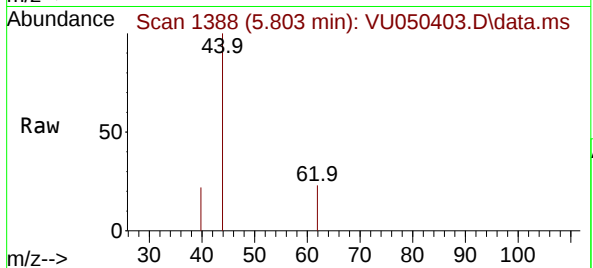
WS-OXYGENATESDL

Tgt Ion: 62 Resp: 198

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#



#37

Trichloroethene

Concen: 0.013 ug/l

RT: 6.578 min Scan# 1629

Delta R.T. 0.036 min

Lab File: VU050403.D

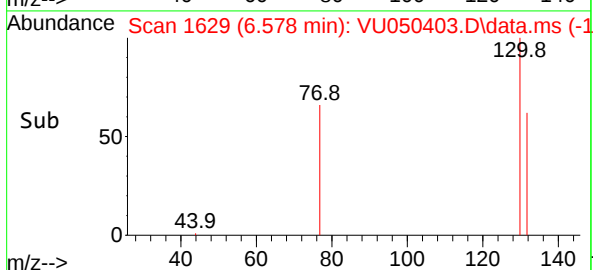
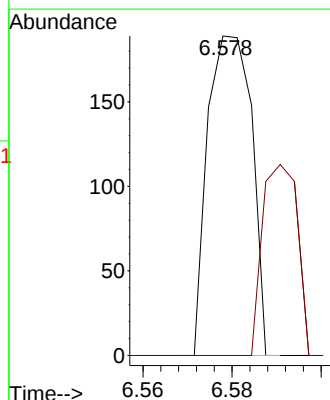
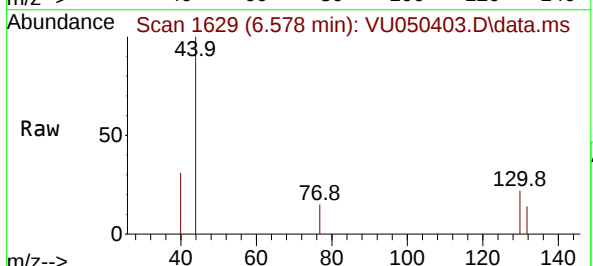
Acq: 22 Aug 2022 18:01

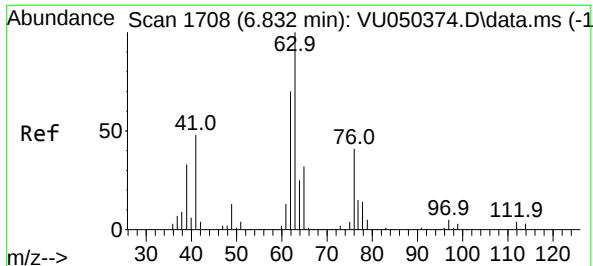
Tgt Ion: 130 Resp: 130

Ion Ratio Lower Upper

130 100

95 0.0 83.8 125.8#





#38

1,2-Dichloropropane

Concen: 0.015 ug/l

RT: 6.838 min Scan# 11

Delta R.T. 0.045 min

Lab File: VU050403.D

Acq: 22 Aug 2022 18:01

Instrument :

MSVOA_U

ClientSampleId :

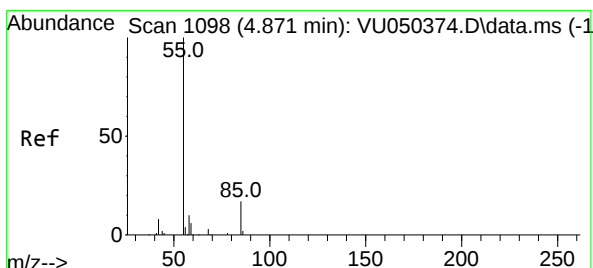
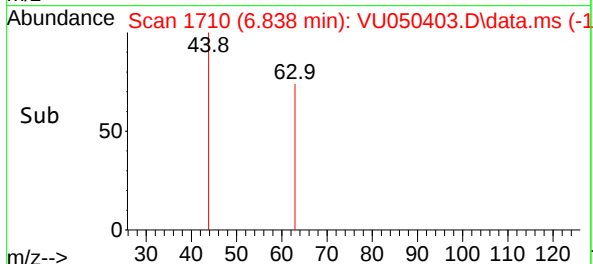
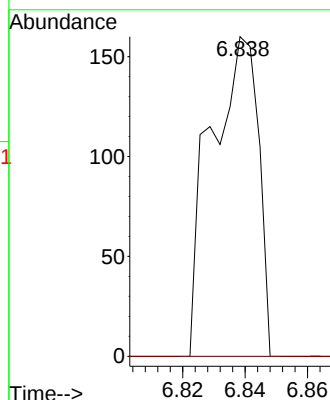
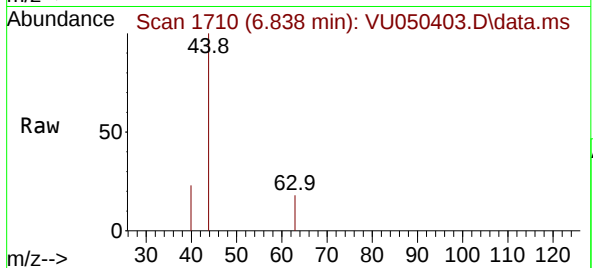
WS-OXYGENATESDL

Tgt Ion: 63 Resp: 169

Ion Ratio Lower Upper

63 100

65 0.0 25.0 37.4#



#40

Methyl acrylate

Concen: 0.018 ug/l

RT: 4.610 min Scan# 1017

Delta R.T. -0.244 min

Lab File: VU050403.D

Acq: 22 Aug 2022 18:01

Tgt Ion: 55 Resp: 109

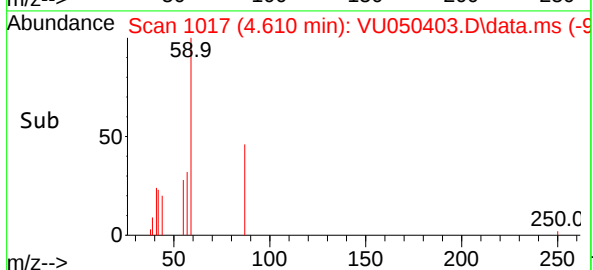
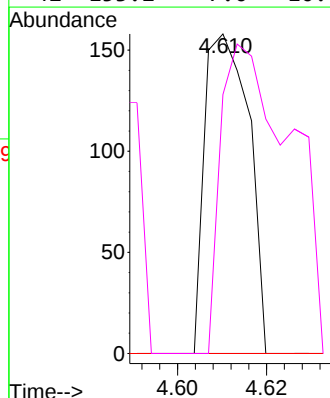
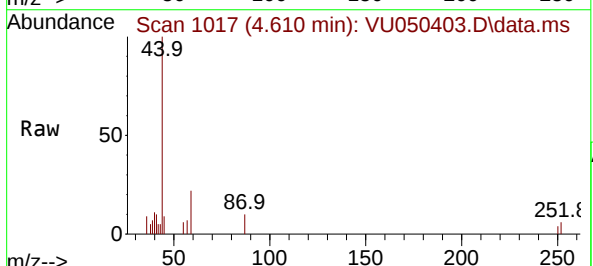
Ion Ratio Lower Upper

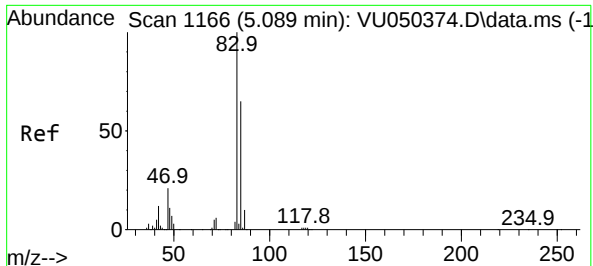
55 100

85 0.0 13.5 20.3#

58 0.0 7.0 10.4#

42 153.2 7.0 10.6#





#41

Tetrahydrofuran

Concen: 0.134 ug/l

RT: 5.073 min Scan# 1161

Delta R.T. 0.007 min

Lab File: VU050403.D

Acq: 22 Aug 2022 18:01

Instrument :

MSVOA_U

ClientSampleId :

WS-OXYGENATESDL

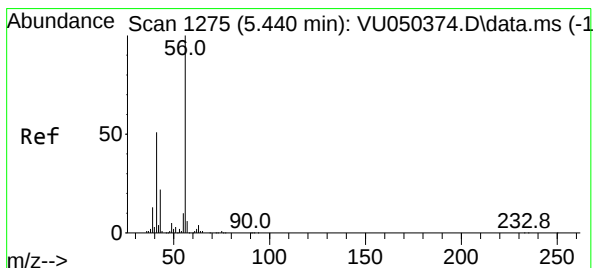
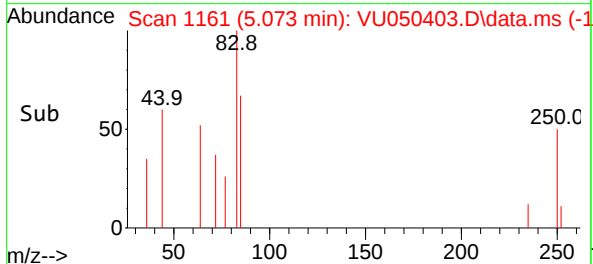
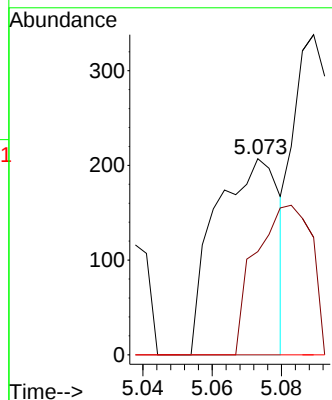
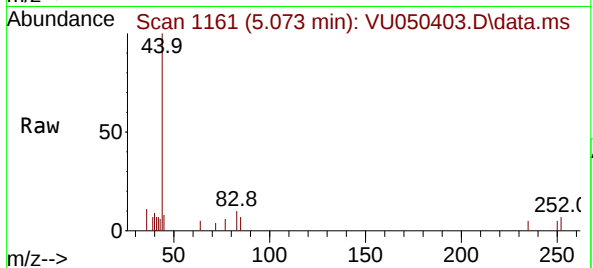
Tgt Ion: 42 Resp: 263

Ion Ratio Lower Upper

42 100

72 0.0 38.9 58.3#

71 0.0 33.7 50.5#



#42

1-Chlorobutane

Concen: 0.018 ug/l

RT: 5.424 min Scan# 1270

Delta R.T. -0.032 min

Lab File: VU050403.D

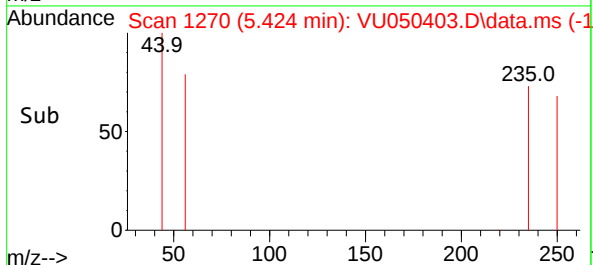
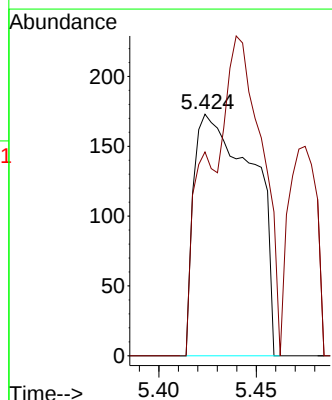
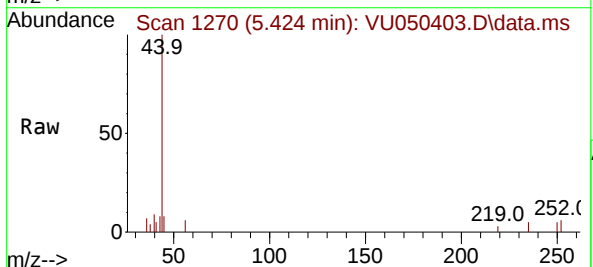
Acq: 22 Aug 2022 18:01

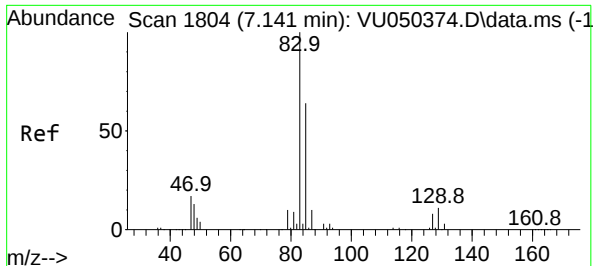
Tgt Ion: 56 Resp: 364

Ion Ratio Lower Upper

56 100

41 83.2 26.4 79.2#

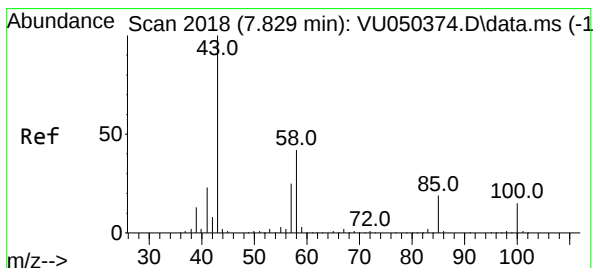
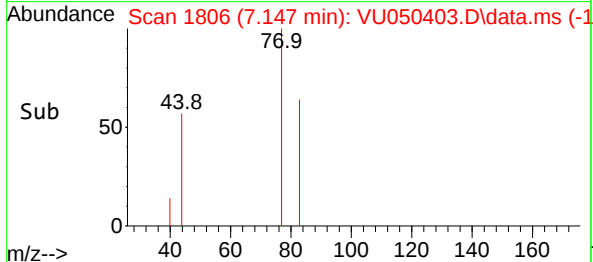
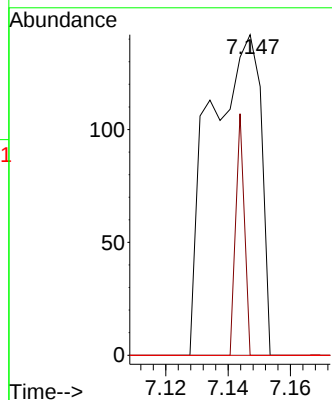
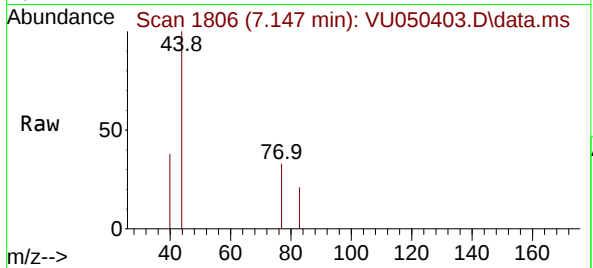




#44
Bromodichloromethane
Concen: 0.011 ug/l
RT: 7.147 min Scan# 1806
Delta R.T. 0.039 min
Lab File: VU050403.D
Acq: 22 Aug 2022 18:01

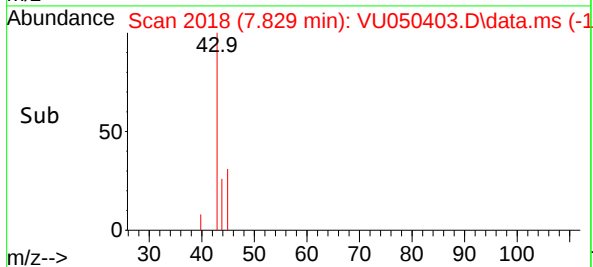
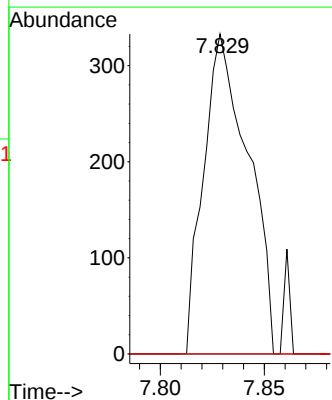
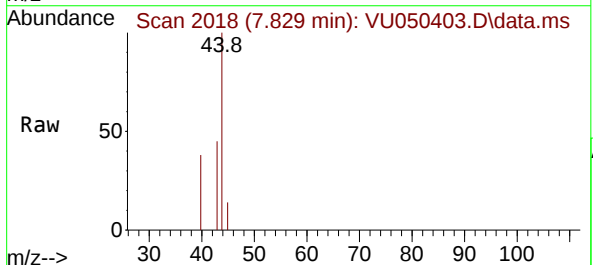
Instrument :
MSVOA_U
ClientSampleId :
WS-OXYGENATESDL

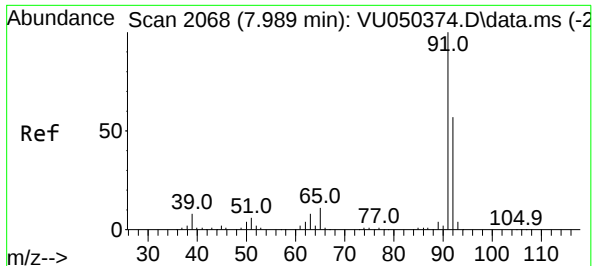
Tgt Ion: 83 Resp: 159
Ion Ratio Lower Upper
83 100
85 0.0 49.4 74.0#
127 0.0 6.6 10.0#



#45
4-Methyl-2-Pentanone
Concen: 0.083 ug/l
RT: 7.829 min Scan# 2018
Delta R.T. 0.032 min
Lab File: VU050403.D
Acq: 22 Aug 2022 18:01

Tgt Ion: 43 Resp: 497
Ion Ratio Lower Upper
43 100
58 0.0 20.3 61.0#
85 0.0 14.6 21.8#





#49

Toluene

Concen: 0.016 ug/l

RT: 7.989 min Scan# 2068

Delta R.T. 0.019 min

Lab File: VU050403.D

Acq: 22 Aug 2022 18:01

Instrument :

MSVOA_U

ClientSampleId :

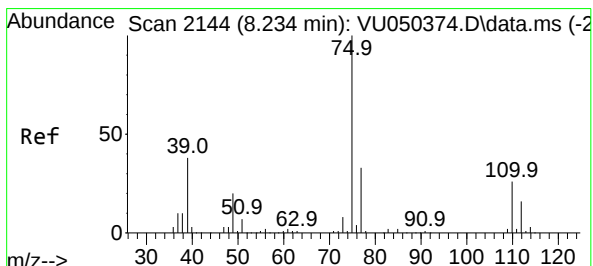
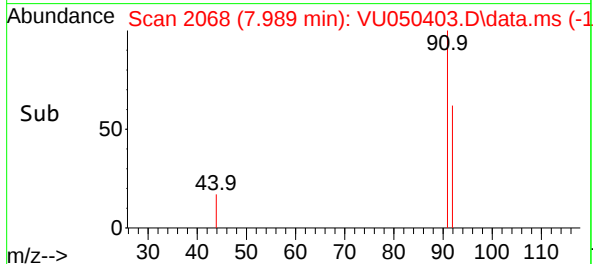
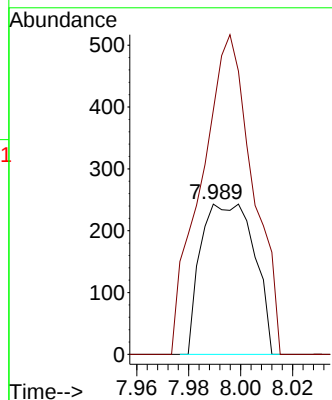
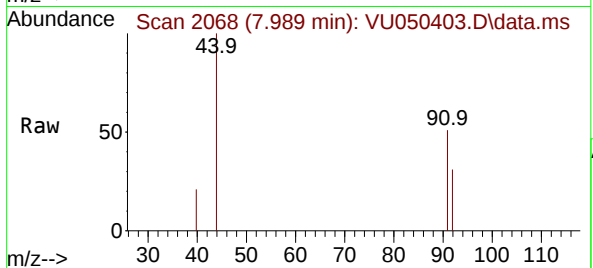
WS-OXYGENATESDL

Tgt Ion: 92 Resp: 347

Ion Ratio Lower Upper

92 100

91 205.5 138.6 207.8



#50

t-1,3-Dichloropropene

Concen: 0.013 ug/l

RT: 8.234 min Scan# 2144

Delta R.T. 0.023 min

Lab File: VU050403.D

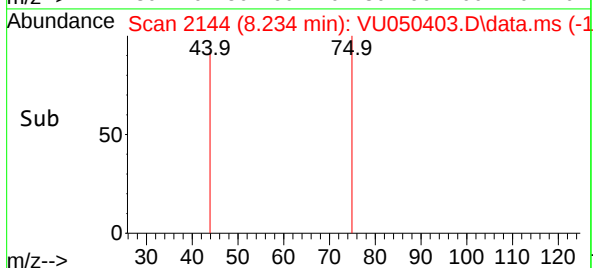
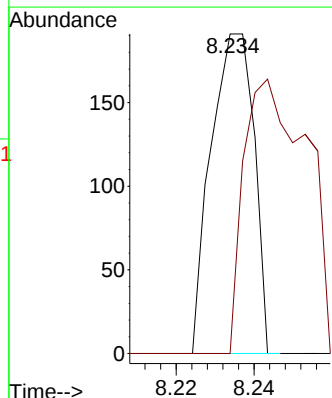
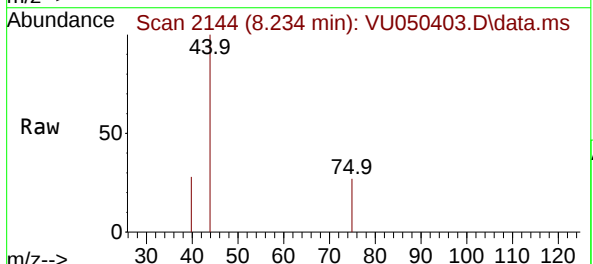
Acq: 22 Aug 2022 18:01

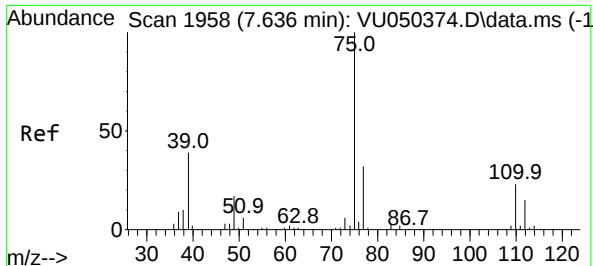
Tgt Ion: 75 Resp: 147

Ion Ratio Lower Upper

75 100

77 0.0 24.7 37.1#

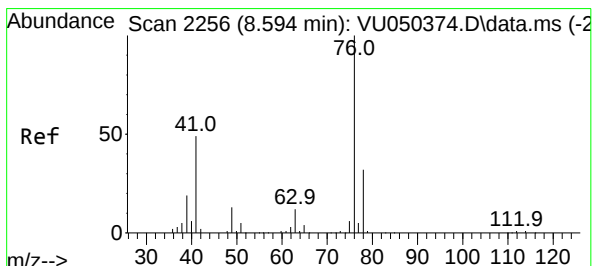
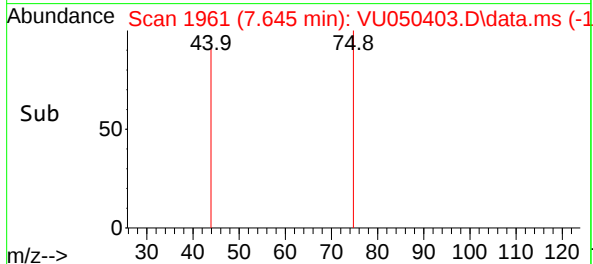
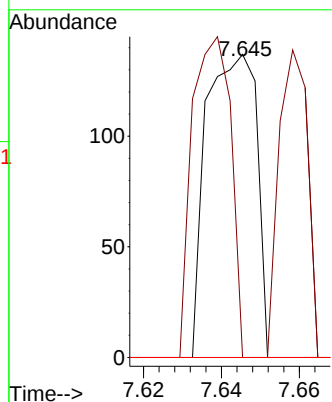
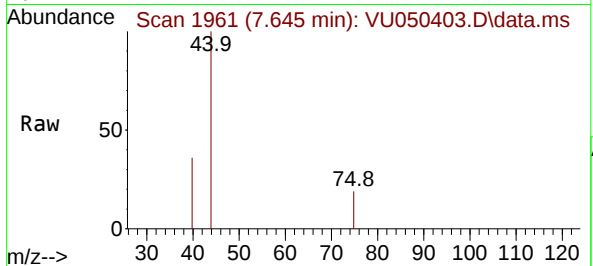




#51
 cis-1,3-Dichloropropene
 Concen: 0.010 ug/l
 RT: 7.645 min Scan# 1958
 Delta R.T. 0.036 min
 Lab File: VU050403.D
 Acq: 22 Aug 2022 18:01

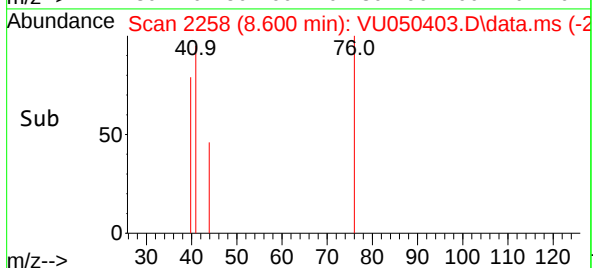
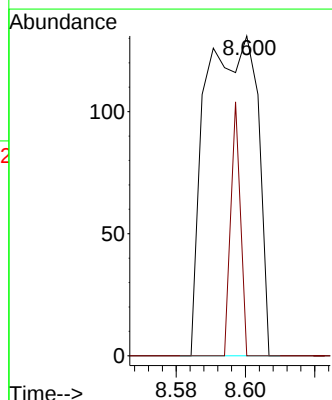
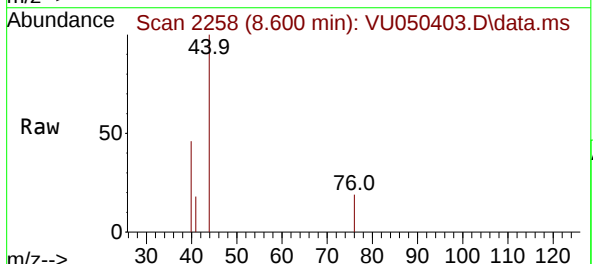
Instrument :
 MSVOA_U
 ClientSampleId :
 WS-OXYGENATESDL

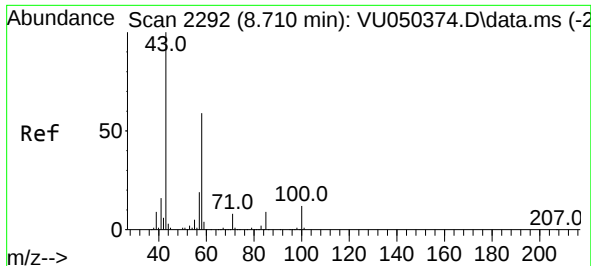
Tgt Ion: 75 Resp: 123
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#
 39 0.0 35.1 52.7#



#53
 1,3-Dichloropropane
 Concen: 0.010 ug/l
 RT: 8.600 min Scan# 2258
 Delta R.T. 0.023 min
 Lab File: VU050403.D
 Acq: 22 Aug 2022 18:01

Tgt Ion: 76 Resp: 136
 Ion Ratio Lower Upper
 76 100
 78 14.7 26.0 39.0#





#54

2-Hexanone

Concen: 0.052 ug/l

RT: 8.713 min Scan# 217

Delta R.T. 0.023 min

Lab File: VU050403.D

Acq: 22 Aug 2022 18:01

Instrument :

MSVOA_U

ClientSampleId :

WS-OXYGENATESDL

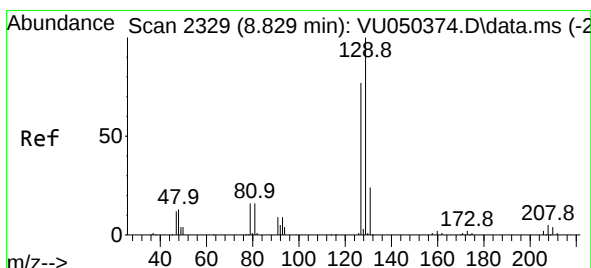
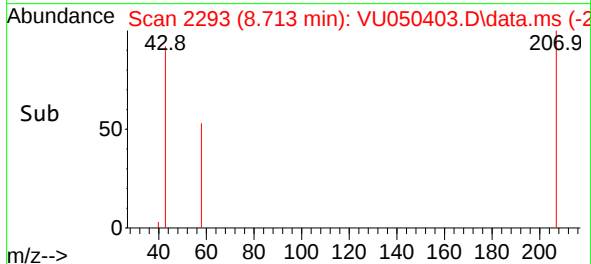
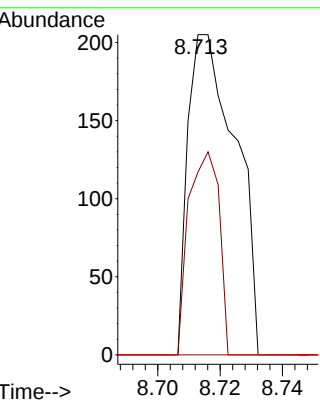
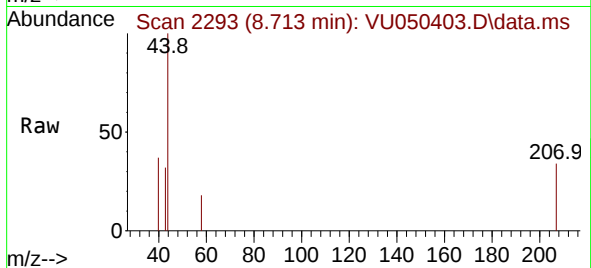
Tgt Ion: 43 Resp: 217

Ion Ratio Lower Upper

43 100

58 40.6 37.1 77.1

57 0.0 0.0 39.5



#55

Dibromochloromethane

Concen: 0.012 ug/l

RT: 8.835 min Scan# 2331

Delta R.T. 0.023 min

Lab File: VU050403.D

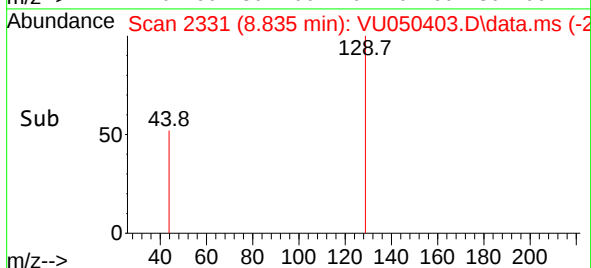
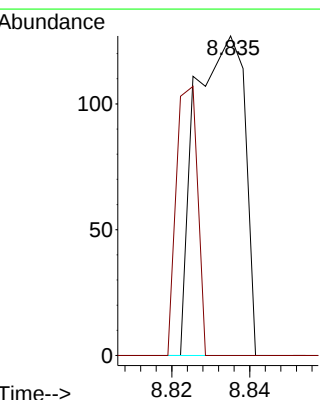
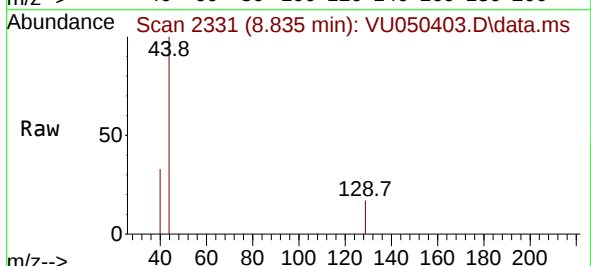
Acq: 22 Aug 2022 18:01

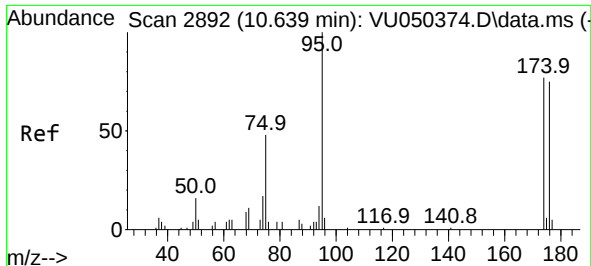
Tgt Ion: 129 Resp: 111

Ion Ratio Lower Upper

129 100

127 36.9 61.2 91.8#





#57

4-Bromofluorobenzene

Concen: 0.953 ug/l

RT: 10.639 min Scan# 21

Delta R.T. 0.007 min

Lab File: VU050403.D

Acq: 22 Aug 2022 18:01

Instrument :

MSVOA_U

ClientSampleId :

WS-OXYGENATESDL

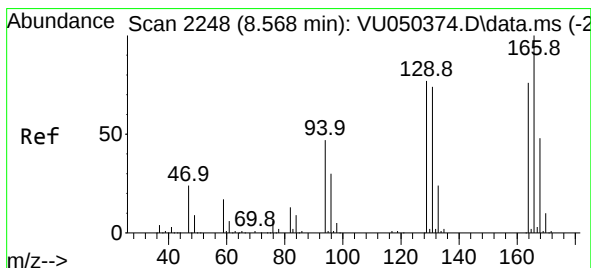
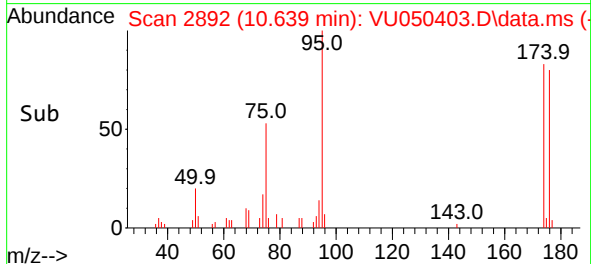
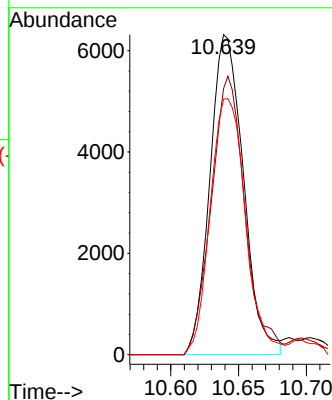
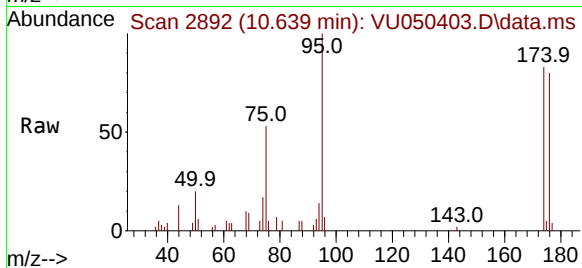
Tgt Ion: 95 Resp: 10836

Ion Ratio Lower Upper

95 100

174 87.9 62.4 93.6

176 84.2 56.2 84.2



#58

Tetrachloroethene

Concen: 0.016 ug/l

RT: 8.565 min Scan# 2247

Delta R.T. 0.013 min

Lab File: VU050403.D

Acq: 22 Aug 2022 18:01

Tgt Ion: 164 Resp: 145

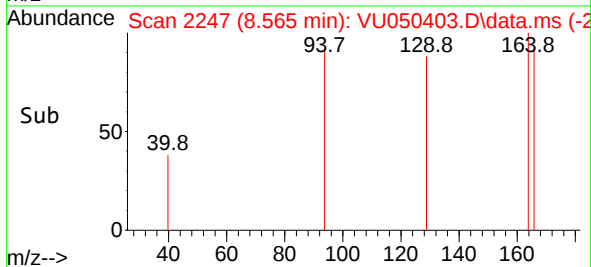
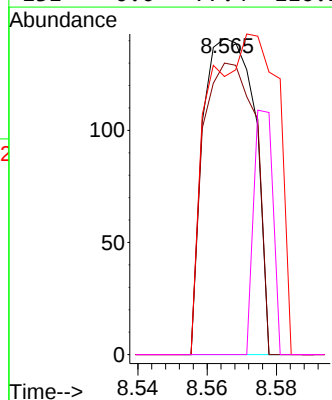
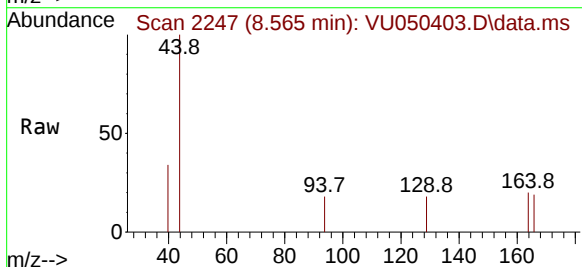
Ion Ratio Lower Upper

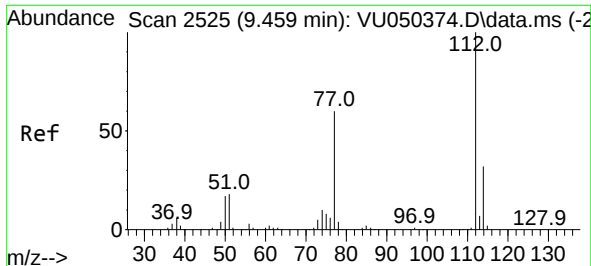
164 100

166 92.2 102.4 153.6#

129 87.9 79.5 119.3

131 0.0 77.4 116.2#





#59

Chlorobenzene

Concen: 0.020 ug/l

RT: 9.462 min Scan# 21

Delta R.T. 0.013 min

Lab File: VU050403.D

Acq: 22 Aug 2022 18:01

Instrument :

MSVOA_U

ClientSampleId :

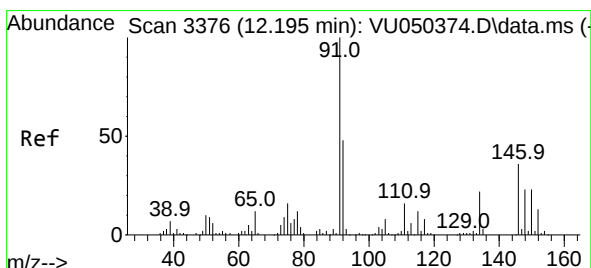
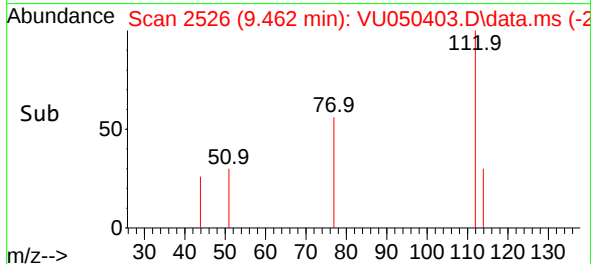
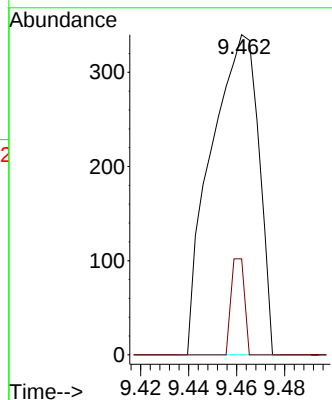
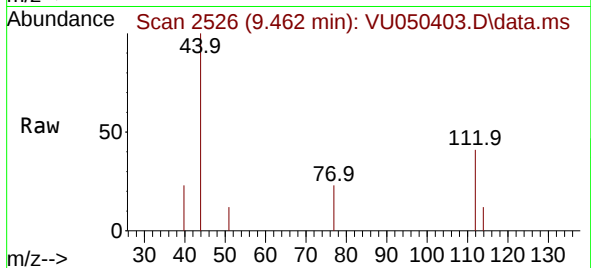
WS-OXYGENATESDL

Tgt Ion:112 Resp: 468

Ion Ratio Lower Upper

112 100

114 30.0 24.9 37.3



#68

1,2-Dichlorobenzene-d4

Concen: 0.743 ug/l

RT: 12.198 min Scan# 3377

Delta R.T. 0.003 min

Lab File: VU050403.D

Acq: 22 Aug 2022 18:01

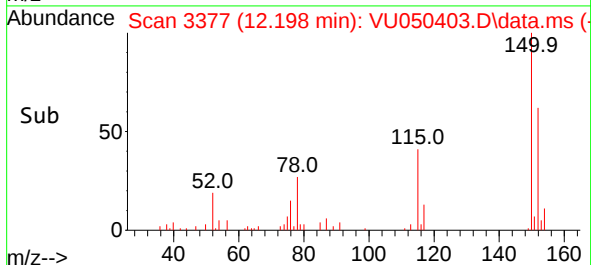
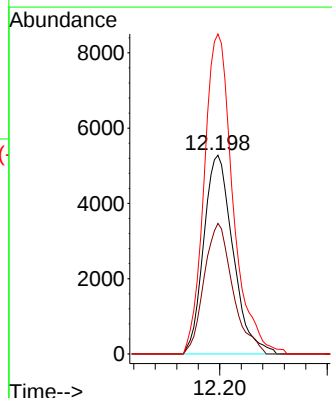
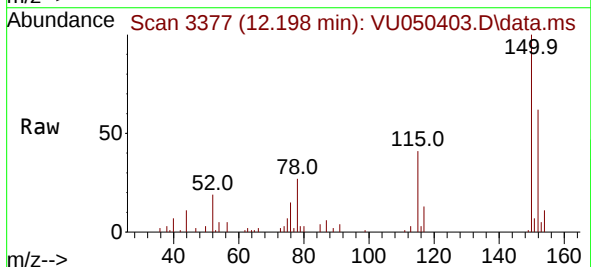
Tgt Ion:152 Resp: 9981

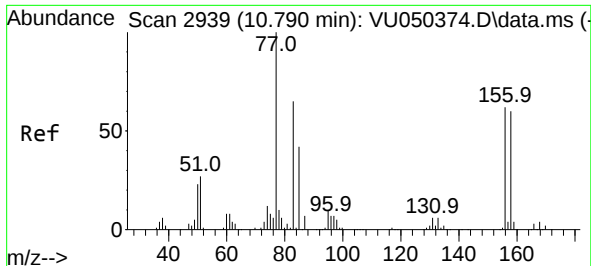
Ion Ratio Lower Upper

152 100

115 64.5 0.0 254.6

150 158.3 0.0 623.6

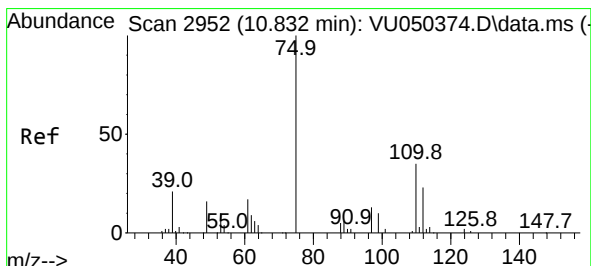
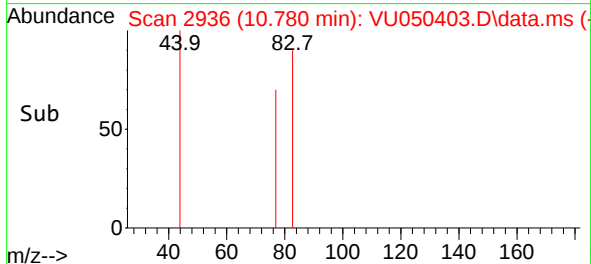
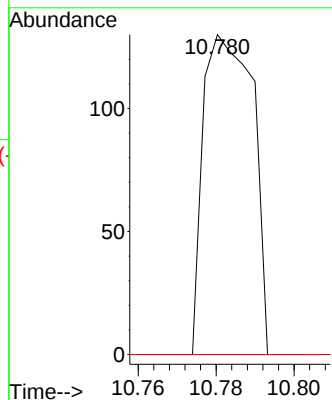
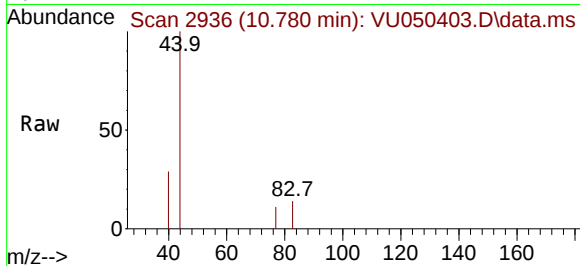




#70
 1,1,2,2-Tetrachloroethane
 Concen: 0.010 ug/l
 RT: 10.780 min Scan# 2939
 Delta R.T. -0.003 min
 Lab File: VU050403.D
 Acq: 22 Aug 2022 18:01

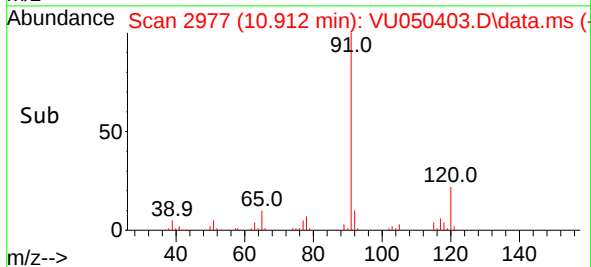
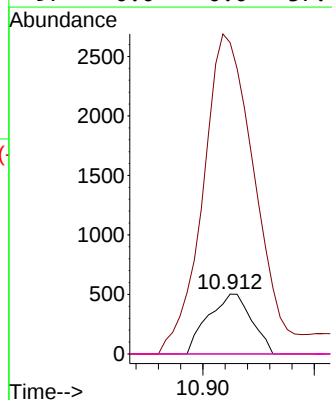
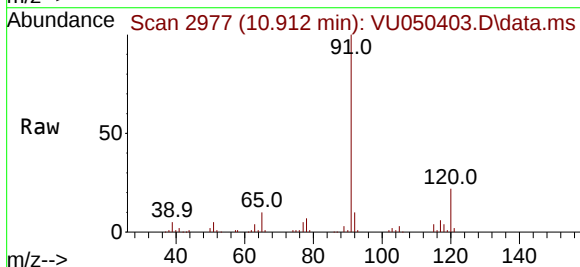
Instrument :
 MSVOA_U
 ClientSampleId :
 WS-OXYGENATESDL

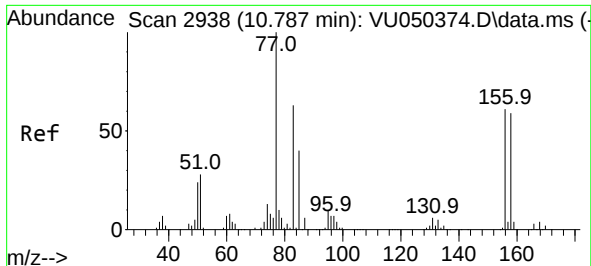
Tgt Ion: 83 Resp: 115
 Ion Ratio Lower Upper
 83 100
 131 0.0 7.7 11.5#
 85 0.0 51.2 76.8#



#71
 1,2,3-Trichloropropane
 Concen: 0.075 ug/l
 RT: 10.912 min Scan# 2977
 Delta R.T. 0.087 min
 Lab File: VU050403.D
 Acq: 22 Aug 2022 18:01

Tgt Ion: 75 Resp: 680
 Ion Ratio Lower Upper
 75 100
 77 635.3 0.0 112.4#
 110 0.0 0.0 70.6
 97 0.0 0.0 37.4

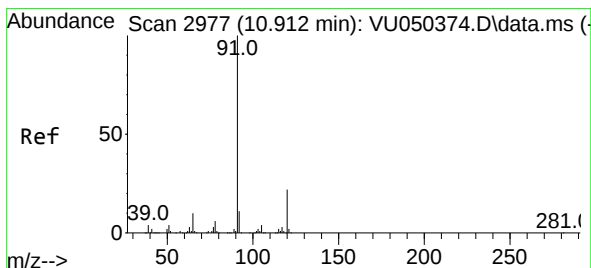
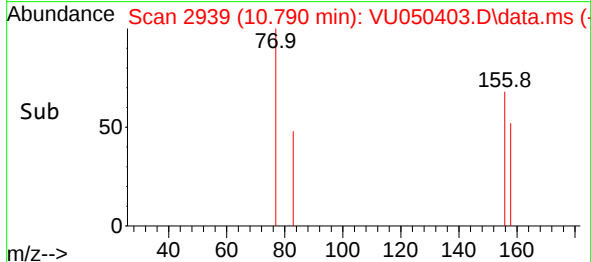
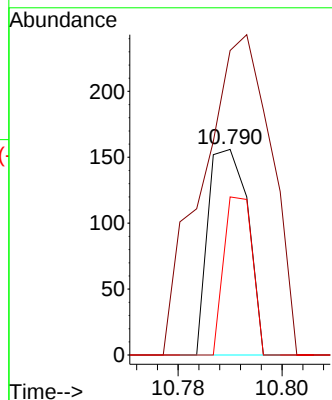
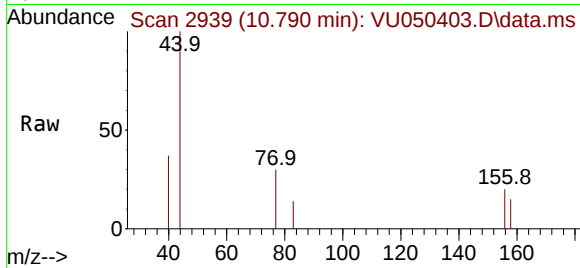




#72
Bromobenzene
Concen: 0.008 ug/l
RT: 10.790 min Scan# 2938
Delta R.T. 0.007 min
Lab File: VU050403.D
Acq: 22 Aug 2022 18:01

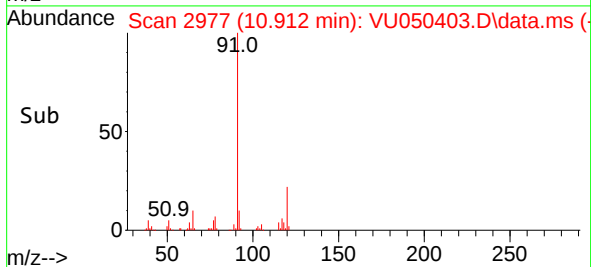
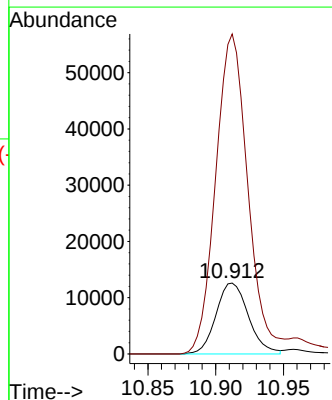
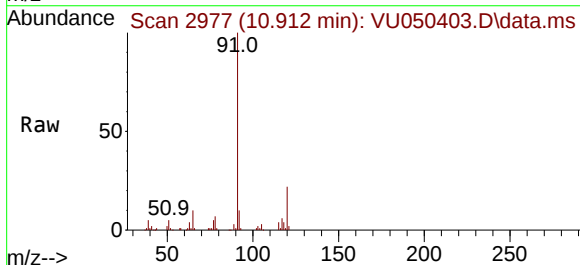
Instrument :
MSVOA_U
ClientSampleId :
WS-OXYGENATESDL

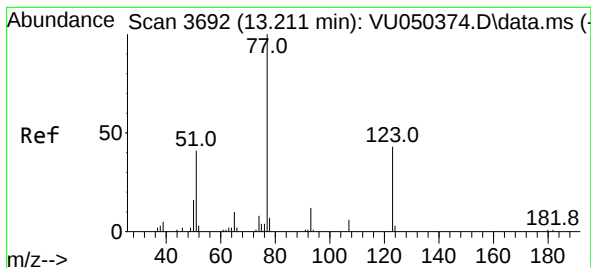
Tgt Ion:156 Resp: 83
Ion Ratio Lower Upper
156 100
77 268.7 0.0 344.4
158 55.4 0.0 192.2



#73
n-propylbenzene
Concen: 2.090 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.007 min
Lab File: VU050403.D
Acq: 22 Aug 2022 18:01

Tgt Ion:120 Resp: 21003
Ion Ratio Lower Upper
120 100
91 446.4 367.8 551.6

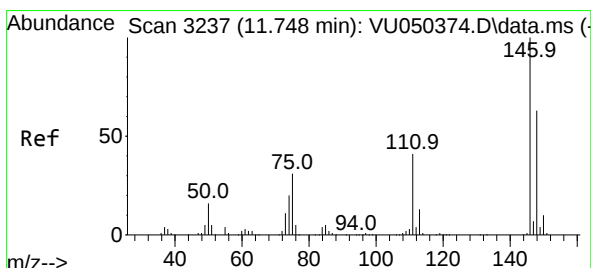
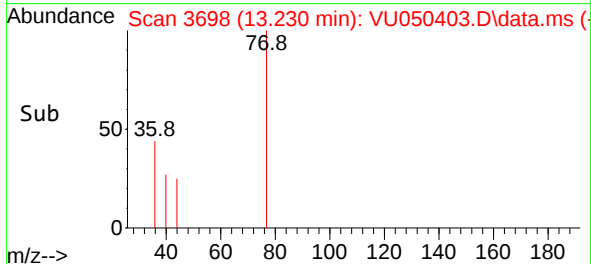
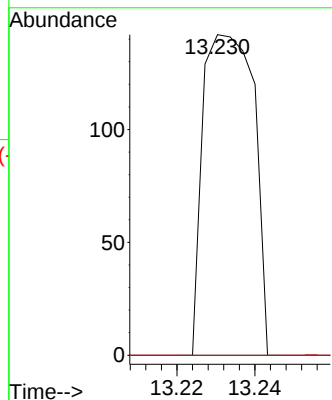
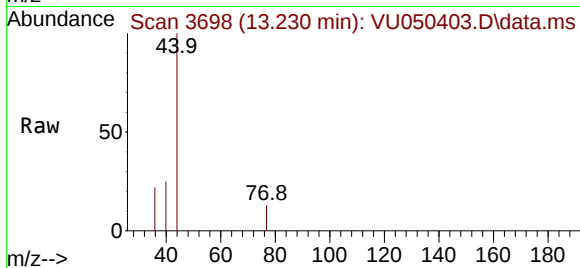




#80
Nitrobenzene
Concen: 0.197 ug/l
RT: 13.230 min Scan# 3098
Delta R.T. 0.023 min
Lab File: VU050403.D
Acq: 22 Aug 2022 18:01

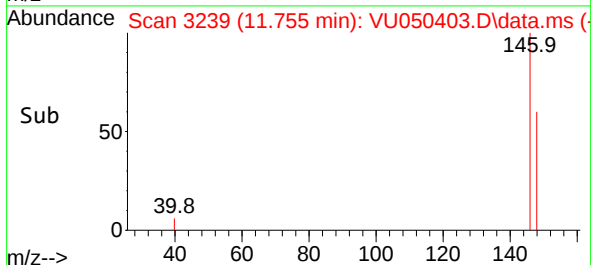
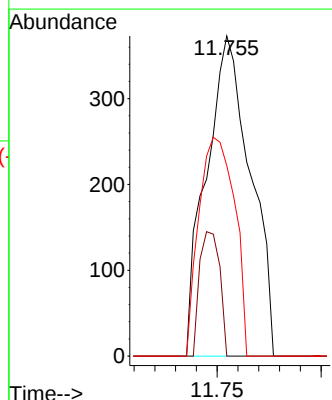
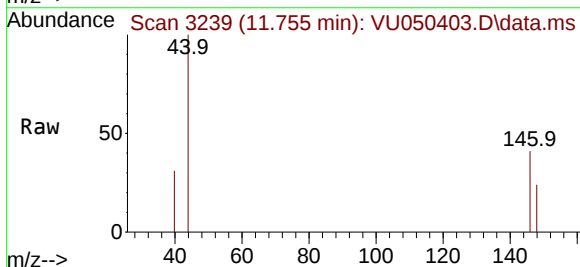
Instrument :
MSVOA_U
ClientSampleId :
WS-OXYGENATESDL

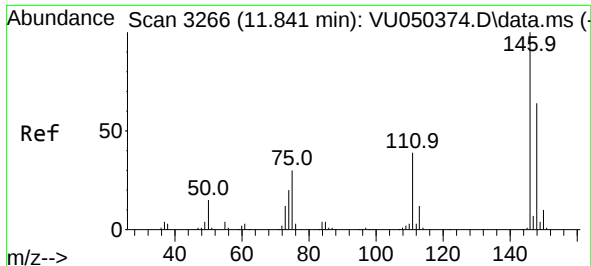
Tgt Ion: 77 Resp: 129
Ion Ratio Lower Upper
77 100
123 0.0 18.1 64.3#
65 0.0 10.8 13.8#



#82
1,3-Dichlorobenzene
Concen: 0.026 ug/l
RT: 11.755 min Scan# 3239
Delta R.T. 0.010 min
Lab File: VU050403.D
Acq: 22 Aug 2022 18:01

Tgt Ion: 146 Resp: 551
Ion Ratio Lower Upper
146 100
111 17.6 33.4 50.2#
148 55.0 51.2 76.8

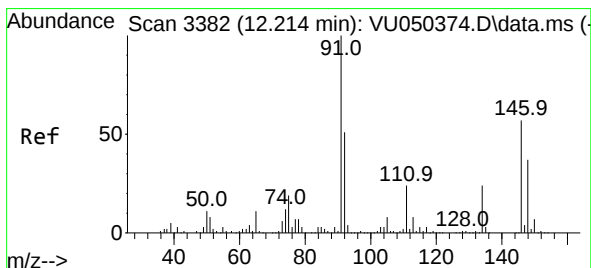
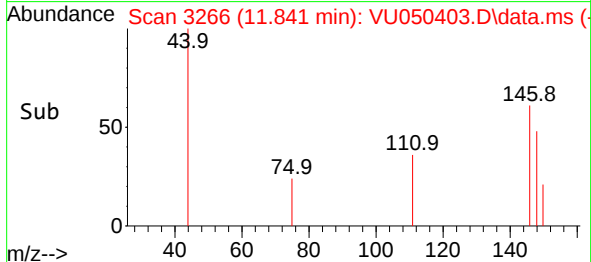
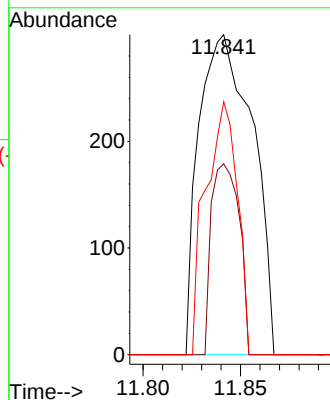
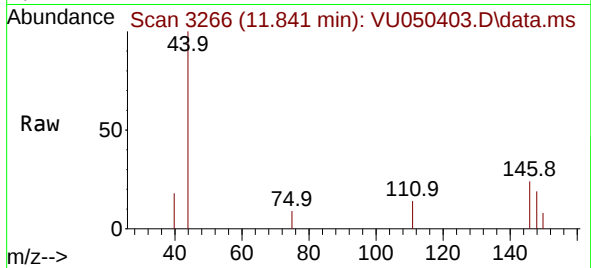




#83
1,4-Dichlorobenzene
Concen: 0.027 ug/l
RT: 11.841 min Scan# 3266
Delta R.T. 0.007 min
Lab File: VU050403.D
Acq: 22 Aug 2022 18:01

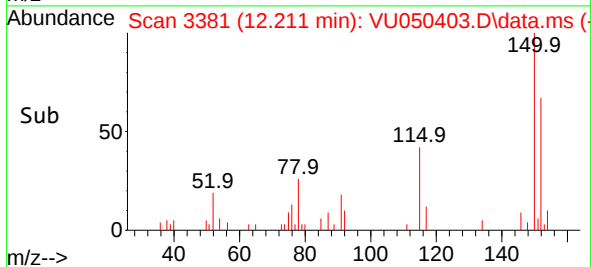
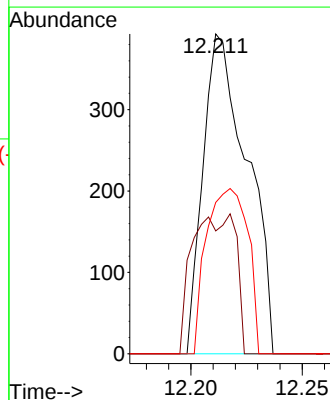
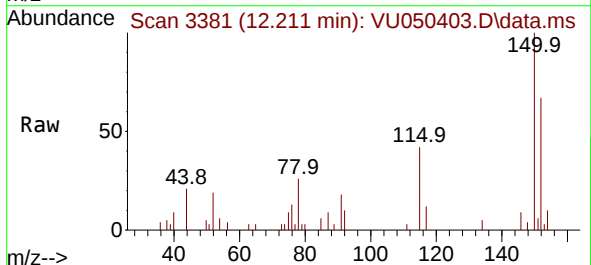
Instrument :
MSVOA_U
ClientSampleId :
WS-OXYGENATESDL

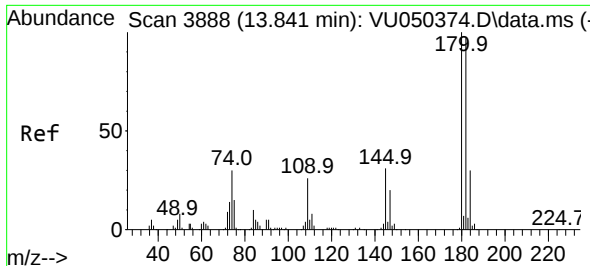
Tgt Ion:146 Resp: 574
Ion Ratio Lower Upper
146 100
111 31.0 32.6 49.0#
148 46.7 51.6 77.4#



#85
1,2-Dichlorobenzene
Concen: 0.026 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU050403.D
Acq: 22 Aug 2022 18:01

Tgt Ion:146 Resp: 540
Ion Ratio Lower Upper
146 100
111 26.3 22.1 66.1
148 48.3 32.1 96.3

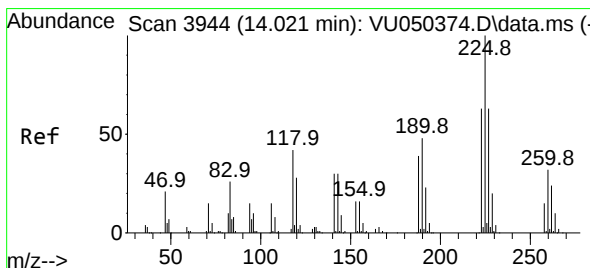
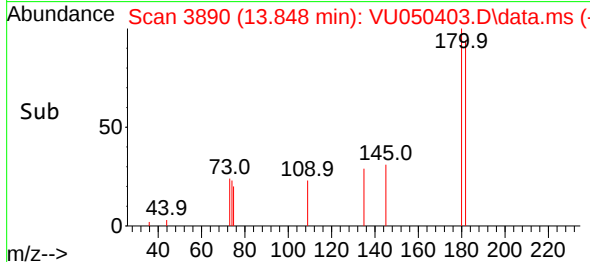
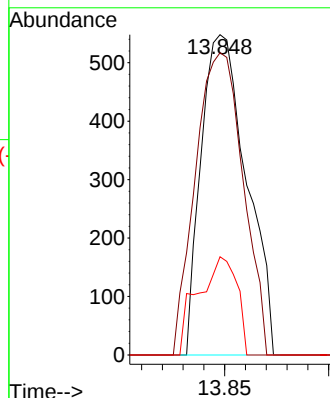
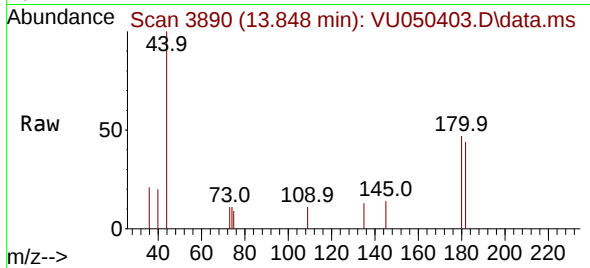




#87
1,2,4-Trichlorobenzene
Concen: 0.070 ug/l
RT: 13.848 min Scan# 3888
Delta R.T. 0.007 min
Lab File: VU050403.D
Acq: 22 Aug 2022 18:01

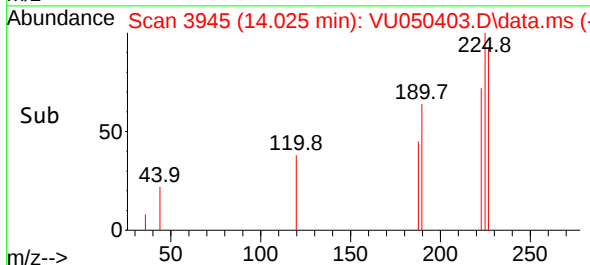
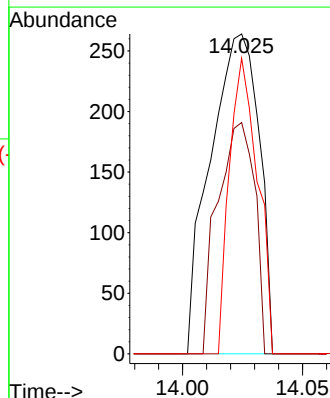
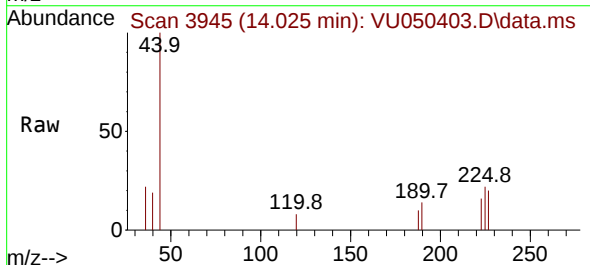
Instrument :
MSVOA_U
ClientSampleId :
WS-OXYGENATESDL

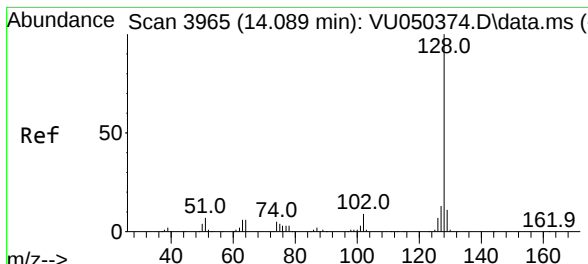
Tgt Ion:180 Resp: 833
Ion Ratio Lower Upper
180 100
182 99.0 77.0 115.6
145 26.3 25.7 38.5



#88
Hexachlorobutadiene
Concen: 0.048 ug/l
RT: 14.025 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU050403.D
Acq: 22 Aug 2022 18:01

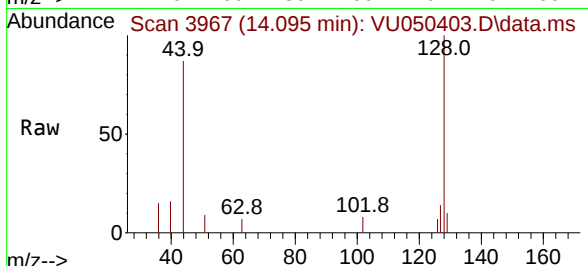
Tgt Ion:225 Resp: 374
Ion Ratio Lower Upper
225 100
223 54.8 50.6 76.0
227 53.2 50.7 76.1





#89
 Naphthalene
 Concen: 1.035 ug/l
 RT: 14.095 min Scan# 3967
 Delta R.T. 0.007 min
 Lab File: VU050403.D
 Acq: 22 Aug 2022 18:01

Instrument :
 MSVOA_U
 ClientSampleId :
 WS-OXYGENATESDL



Tgt Ion:	128	Resp:	2651
Ion	Ratio	Lower	Upper
128	100		
127	9.6	10.1	15.1#
129	5.7	8.6	12.8#

