

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101822\
 Data File : VU051440.D
 Acq On : 18 Oct 2022 14:20
 Operator : JC/MD
 Sample : VU1018WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1018WBSD01

Quant Time: Oct 19 02:48:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101722DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Oct 18 04:53:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.112	96	51592	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	17356	0.959	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	19159	0.948	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	32352	1.796	ug/l	99
3) Chloromethane	1.533	50	51263	1.806	ug/l	99
4) Vinyl Chloride	1.601	62	44383	1.806	ug/l	99
5) Bromomethane	1.851	94	29607	2.161	ug/l	96
6) Chloroethane	1.932	64	29224	2.086	ug/l	96
7) Trichlorofluoromethane	2.138	101	48720	1.774	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	27629	1.824	ug/l	96
9) 1,1-Dichloroethene	2.578	96	30022	1.896	ug/l	94
10) Iodomethane	2.720	142	39563	1.928	ug/l	99
11) Allyl Chloride	2.919	41	45374	1.879	ug/l	99
12) Acrylonitrile	3.314	53	17483	3.753	ug/l	92
13) Acetone	2.626	43	29755	8.869	ug/l	99
14) Carbon Disulfide	2.790	76	107964	1.914	ug/l	99
15) Methylene Chloride	3.041	84	49323	2.265	ug/l	96
16) trans-1,2-Dichloroethene	3.346	96	35082	1.932	ug/l	98
17) 1,1-Dichloroethane	3.864	63	62032	1.900	ug/l	99
18) 2-Butanone	4.716	43	35788	8.791	ug/l	97
19) Cyclohexane	5.382	56	30831	1.524	ug/l	92
20) Methylcyclohexane	6.761	83	30715	1.770	ug/l	89
21) 2,2-Dichloropropane	4.662	77	41157	1.806	ug/l	99
22) cis-1,2-Dichloroethene	4.665	96	33112	1.928	ug/l	98
23) Diethyl Ether	2.375	59	26199	1.895	ug/l	97
24) tert-Butyl Alcohol	3.189	59	25565	17.633	ug/l	100
25) Methyl tert-Butyl Ether	3.366	73	80255	1.949	ug/l	100
26) Bromochloromethane	4.973	128	16200	1.935	ug/l	98
27) Chloroform	5.086	83	63009	1.906	ug/l	99
28) 1,1,1-Trichloroethane	5.314	97	49432	1.873	ug/l	99
29) 1,1-Dichloropropene	5.523	75	34498	1.707	ug/l	95
30) Carbon Tetrachloride	5.520	117	40700	1.828	ug/l	98
31) Isopropyl Ether	3.999	45	71769	1.859	ug/l	94
32) Ethyl-t-butyl ether	4.507	59	65369	1.854	ug/l	99
33) Tert-Amyl methyl ether	5.944	73	54751	1.767	ug/l	96
34) Propionitrile	4.784	54	13593	9.932	ug/l	# 96
35) Benzene	5.771	78	127201	1.876	ug/l	100
36) 1,2-Dichloroethane	5.797	62	40912	1.955	ug/l	100
37) Trichloroethene	6.539	130	29604	1.860	ug/l	99
38) 1,2-Dichloropropane	6.793	63	35082	1.885	ug/l	94
39) Methacrylonitrile	4.980	41	9176	1.962	ug/l	93
40) Methyl acrylate	4.858	55	12639	1.694	ug/l	97
41) Tetrahydrofuran	5.063	42	9135	3.719	ug/l	94
42) 1-Chlorobutane	5.456	56	48759	1.768	ug/l	94
43) Dibromomethane	6.915	93	18162	1.881	ug/l	98
44) Bromodichloromethane	7.105	83	44170	1.890	ug/l	98

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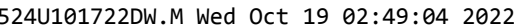
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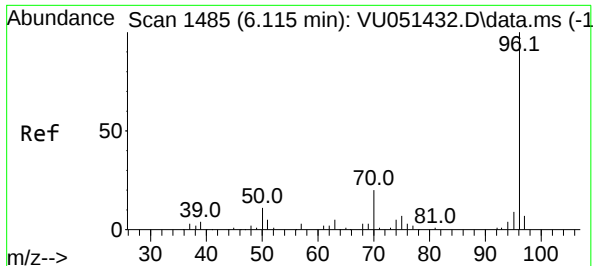
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Oct 18 04:53:19 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.793	43	79870	8.689	ug/l	96
46) t-1,4-Dichloro-2-butene	10.822	75	39411	7.682	ug/l #	53
47) Methyl methacrylate	6.964	69	24966	3.611	ug/l	96
48) Ethyl methacrylate	8.337	69	21719	1.884	ug/l	98
49) Toluene	7.967	92	65949	1.773	ug/l	100
50) t-1,3-Dichloropropene	8.211	75	32992	1.755	ug/l	98
51) cis-1,3-Dichloropropene	7.607	75	41174	1.858	ug/l	98
52) 1,1,2-Trichloroethane	8.401	97	26416	1.916	ug/l	96
53) 1,3-Dichloropropane	8.575	76	43613	1.963	ug/l	97
54) 2-Hexanone	8.684	43	54934	9.195	ug/l	90
55) Dibromochloromethane	8.809	129	30289	2.020	ug/l	94
56) 1,2-Dibromoethane	8.922	107	23261	1.919	ug/l	94
58) Tetrachloroethene	8.552	164	25703	1.853	ug/l	98
59) Chlorobenzene	9.446	112	73055	1.789	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.533	131	30048	1.921	ug/l	99
61) Pentachloroethane	11.427	117	27821	1.996	ug/l	90
62) Hexachloroethane	12.475	117	25252	1.907	ug/l	100
63) Ethyl Benzene	9.568	91	102987	1.840	ug/l	97
64) m/p-Xylenes	9.694	106	80387	3.489	ug/l	98
65) o-Xylene	10.099	106	40839	1.812	ug/l	98
66) Styrene	10.115	104	63899	1.740	ug/l	98
67) Bromoform	10.288	173	15685	1.864	ug/l	97
69) Isopropylbenzene	10.481	105	100117	1.838	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.780	83	35401	1.899	ug/l	98
71) 1,2,3-Trichloropropane	10.822	75	39411	2.845	ug/l #	52
72) Bromobenzene	10.780	156	29441	1.813	ug/l	99
73) n-propylbenzene	10.906	120	26507	1.751	ug/l	97
74) 2-Chlorotoluene	10.986	126	27512	1.741	ug/l	97
75) 1,3,5-Trimethylbenzene	11.086	105	85336	1.712	ug/l	98
76) 4-Chlorotoluene	11.099	126	27551	1.754	ug/l	92
77) tert-Butylbenzene	11.420	119	87267	1.667	ug/l	98
78) 1,2,4-Trimethylbenzene	11.468	105	89901	1.737	ug/l	99
79) sec-Butylbenzene	11.642	105	113436	1.759	ug/l	99
80) Nitrobenzene	13.211	77	7134	7.727	ug/l	98
81) p-Isopropyltoluene	11.793	119	87411	1.730	ug/l	98
82) 1,3-Dichlorobenzene	11.745	146	64523	1.850	ug/l	99
83) 1,4-Dichlorobenzene	11.835	146	62054	1.818	ug/l	99
84) n-Butylbenzene	12.208	91	81615	1.701	ug/l	98
85) 1,2-Dichlorobenzene	12.211	146	61692	1.795	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.996	75	4831	1.657	ug/l	94
87) 1,2,4-Trichlorobenzene	13.841	180	29759	1.598	ug/l	98
88) Hexachlorobutadiene	14.021	225	20770	1.711	ug/l	98
89) Naphthalene	14.089	128	51298	1.317	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	29146	1.431	ug/l	99

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

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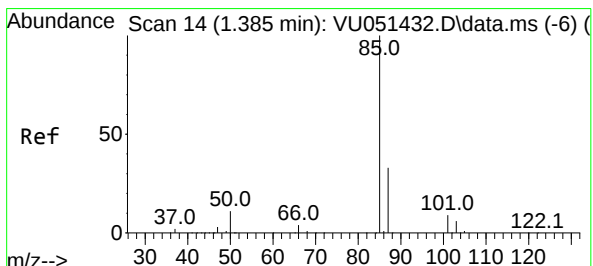
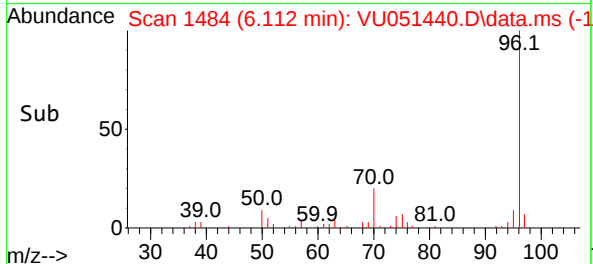
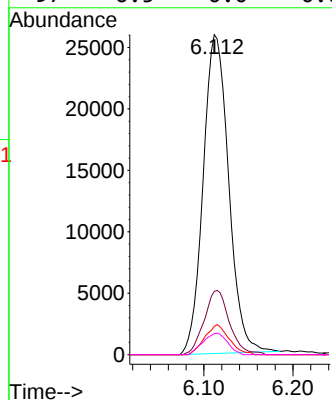
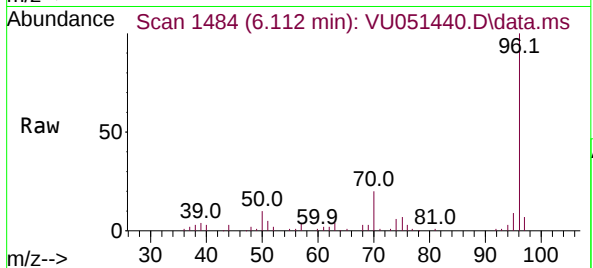




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

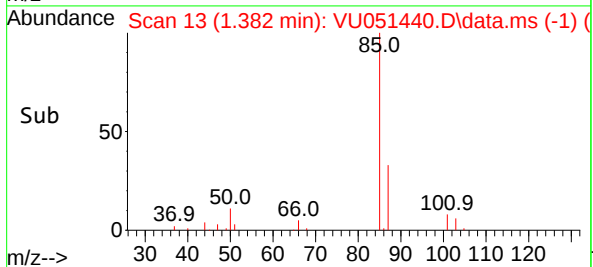
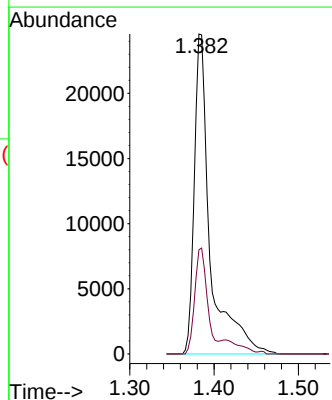
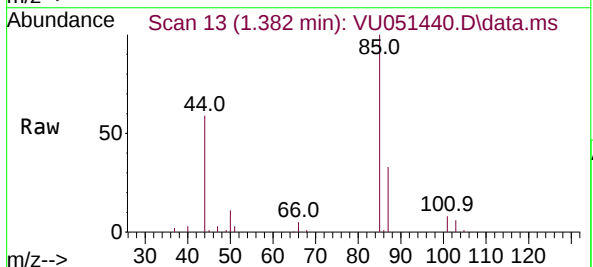
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBSD01

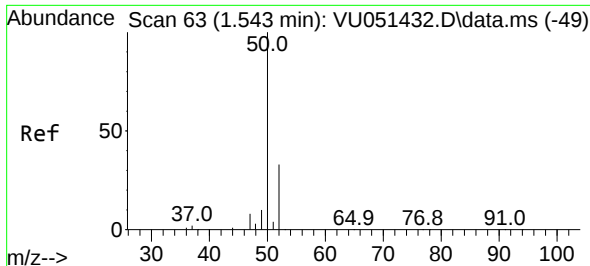
Tgt Ion: 96	Resp: 51592
Ion Ratio	Lower Upper
96 100	
70 20.0	16.7 25.1
95 9.0	7.5 11.3
97 6.5	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 1.796 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.003 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

Tgt Ion: 85	Resp: 32352
Ion Ratio	Lower Upper
85 100	
87 32.6	16.4 49.4

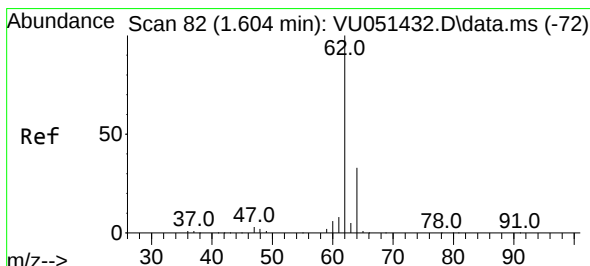
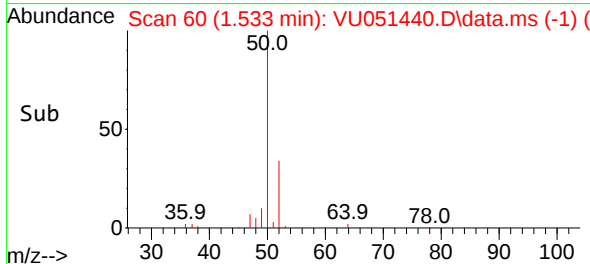
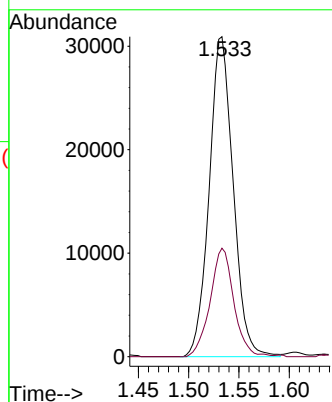
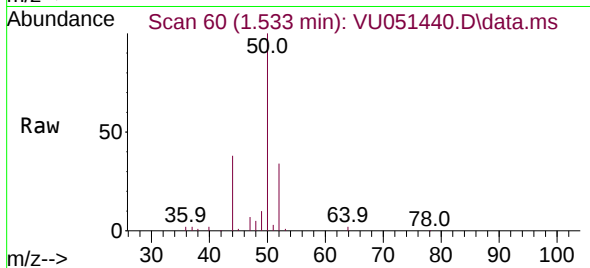




#3
Chloromethane
Concen: 1.806 ug/l
RT: 1.533 min Scan# 60
Delta R.T. -0.010 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

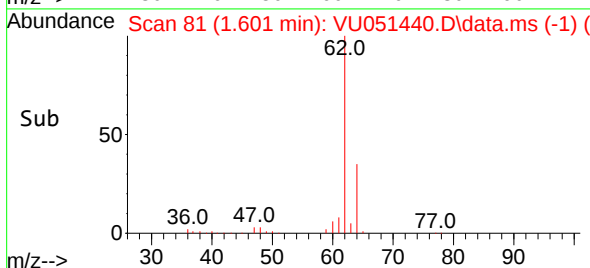
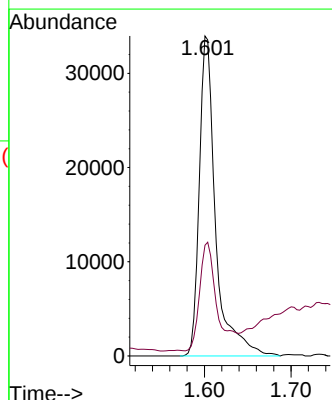
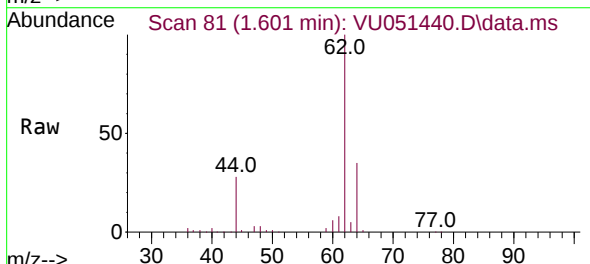
Instrument :
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ClientSampleId :
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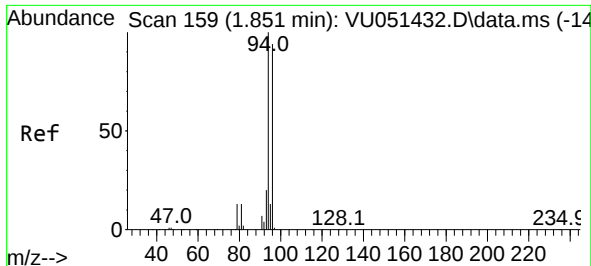
Tgt Ion: 50 Resp: 51263
Ion Ratio Lower Upper
50 100
52 33.9 26.7 40.1



#4
Vinyl Chloride
Concen: 1.806 ug/l
RT: 1.601 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

Tgt Ion: 62 Resp: 44383
Ion Ratio Lower Upper
62 100
64 32.8 26.7 40.1

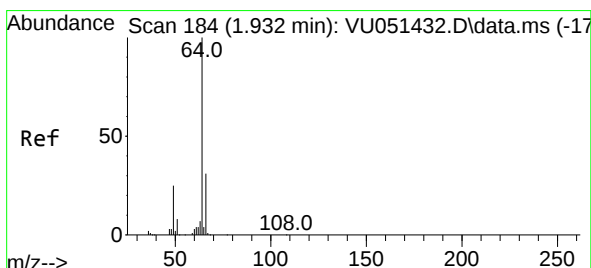
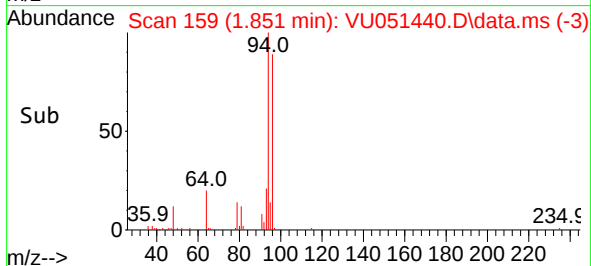
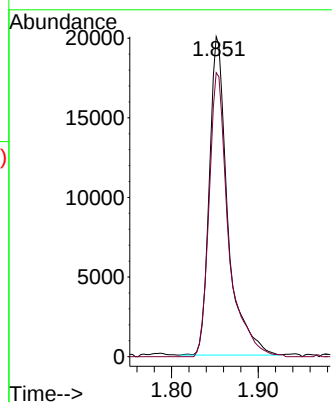
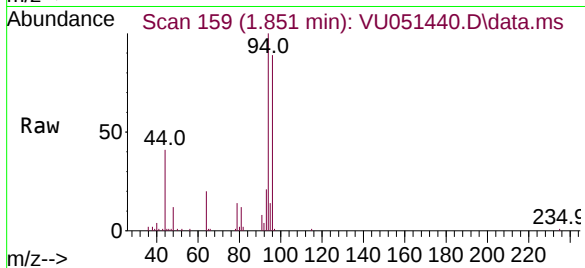




#5
Bromomethane
Concen: 2.161 ug/l
RT: 1.851 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

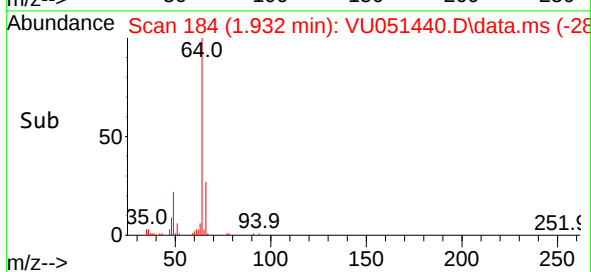
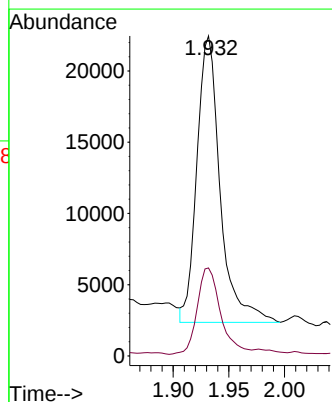
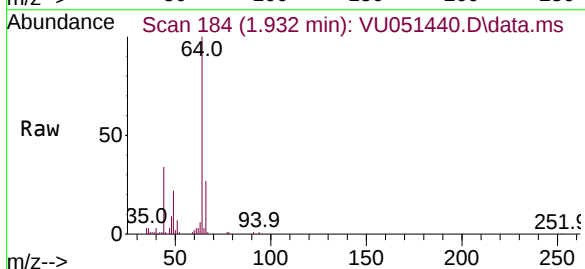
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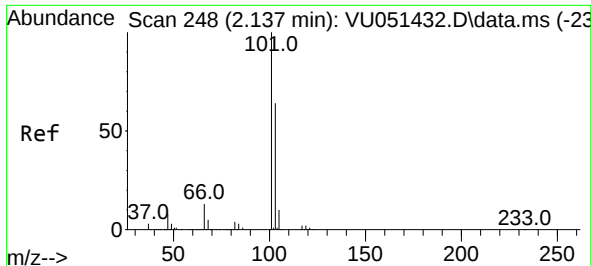
Tgt Ion: 94 Resp: 29607
Ion Ratio Lower Upper
94 100
96 89.2 74.8 112.2



#6
Chloroethane
Concen: 2.086 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

Tgt Ion: 64 Resp: 29224
Ion Ratio Lower Upper
64 100
66 29.4 25.2 37.8

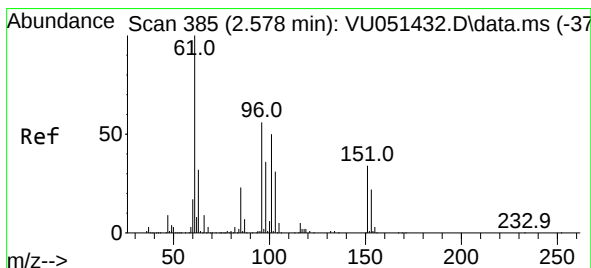
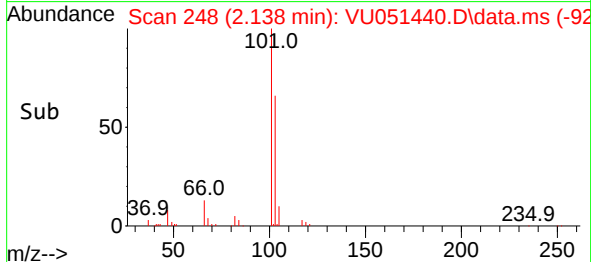
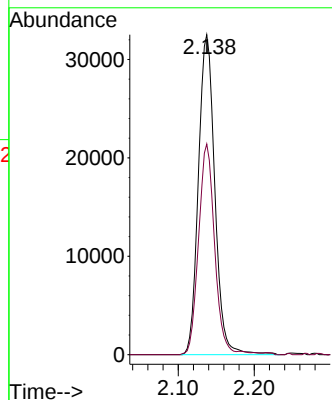
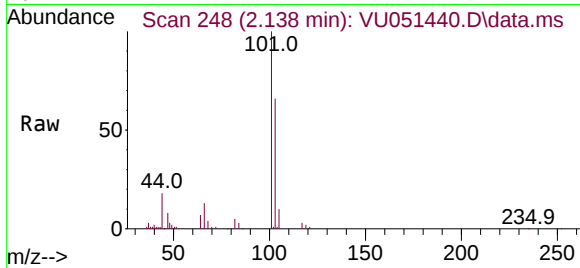




#7
 Trichlorofluoromethane
 Concen: 1.774 ug/l
 RT: 2.138 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VU051440.D
 Acq: 18 Oct 2022 14:20

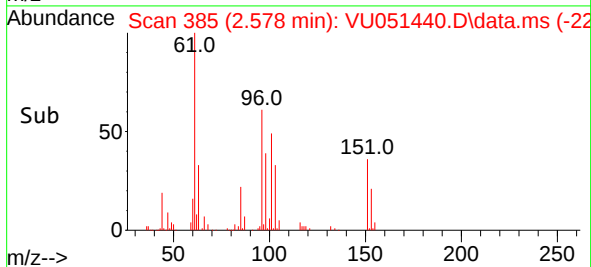
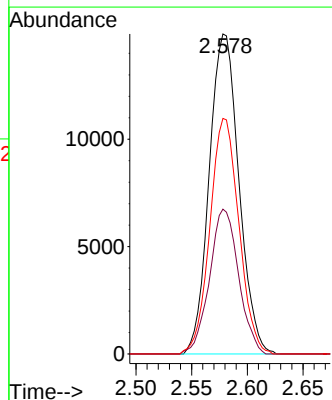
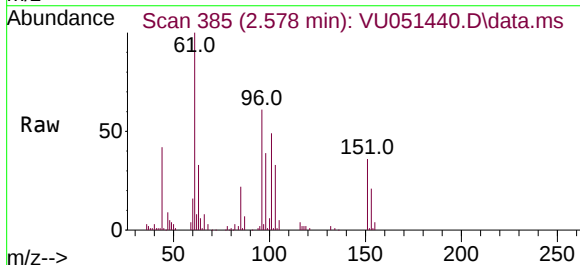
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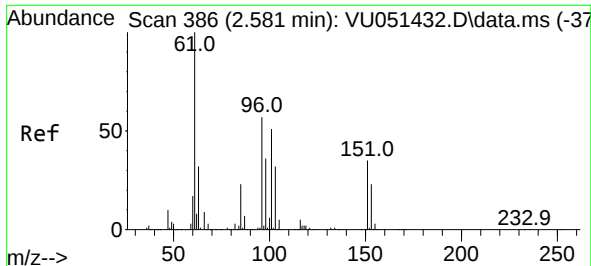
Tgt Ion:101 Resp: 48720
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.4 77.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.824 ug/l
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051440.D
 Acq: 18 Oct 2022 14:20

Tgt Ion:101 Resp: 27629
 Ion Ratio Lower Upper
 101 100
 85 44.2 36.6 54.8
 151 71.8 54.6 81.8

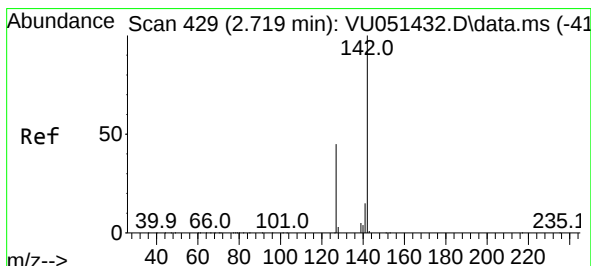
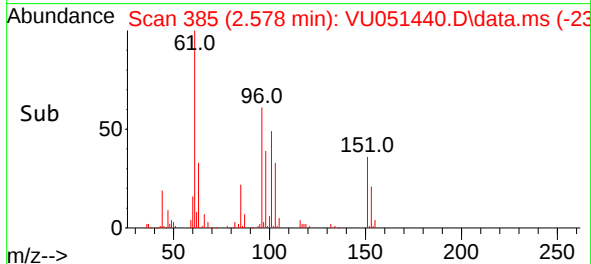
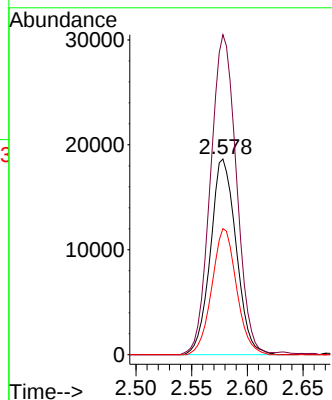
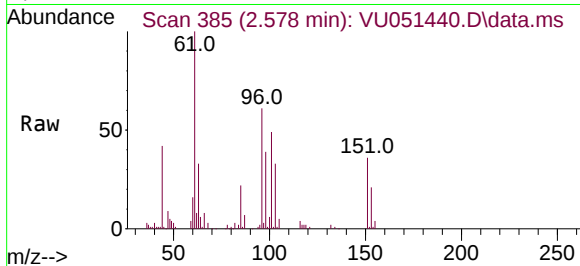




#9
1,1-Dichloroethene
Concen: 1.896 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

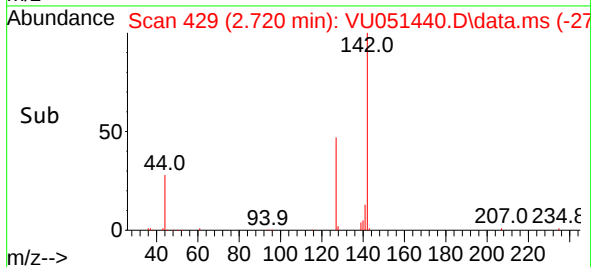
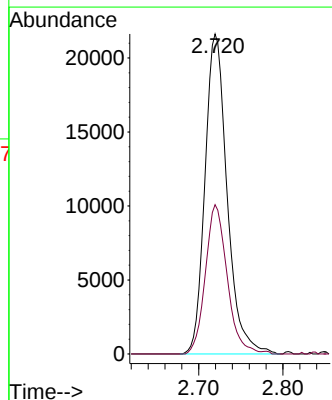
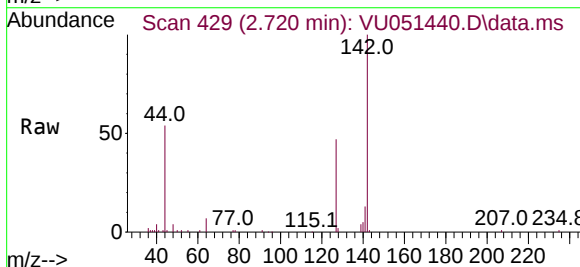
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ClientSampleId :
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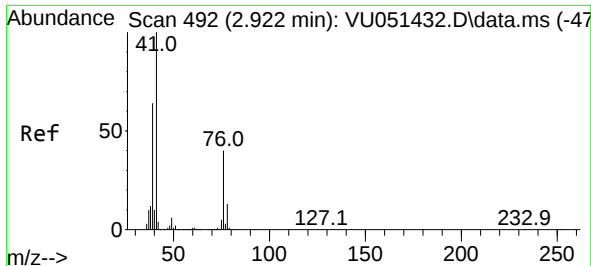
Tgt Ion: 96 Resp: 30022
Ion Ratio Lower Upper
96 100
61 163.5 0.0 522.3
98 64.4 0.0 126.6



#10
Iodomethane
Concen: 1.928 ug/l
RT: 2.720 min Scan# 429
Delta R.T. 0.001 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

Tgt Ion: 142 Resp: 39563
Ion Ratio Lower Upper
142 100
127 45.8 37.0 55.4

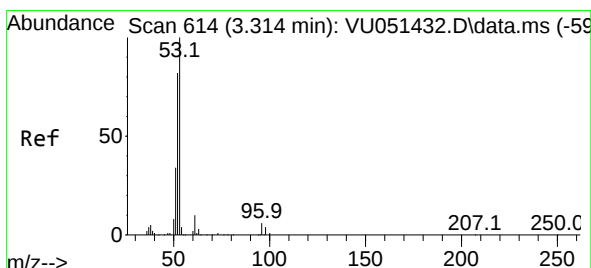
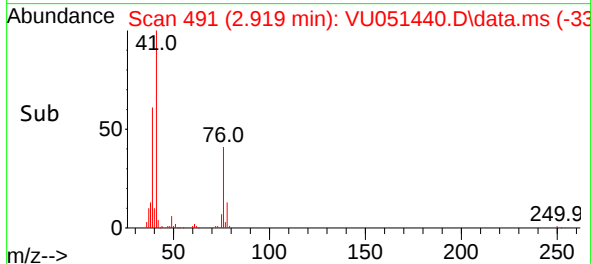
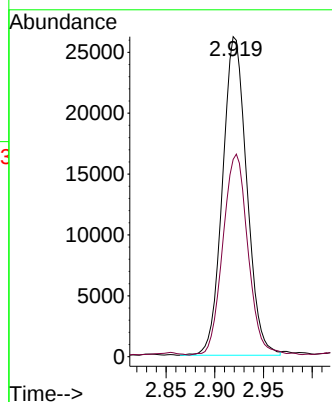
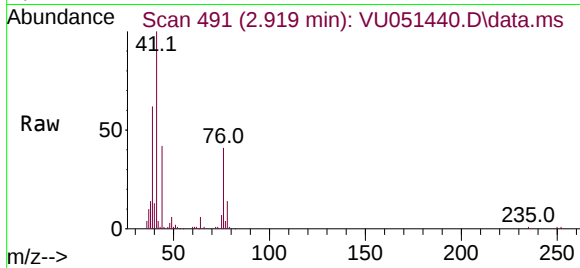




#11
 Allyl Chloride
 Concen: 1.879 ug/l
 RT: 2.919 min Scan# 491
 Delta R.T. -0.003 min
 Lab File: VU051440.D
 Acq: 18 Oct 2022 14:20

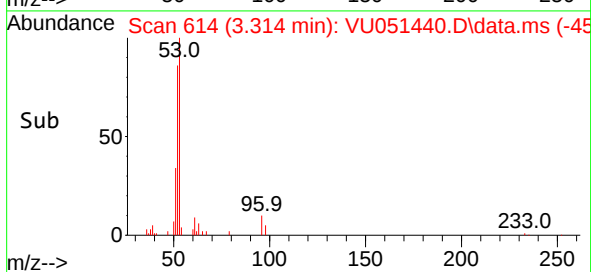
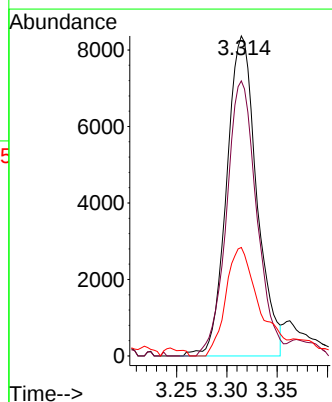
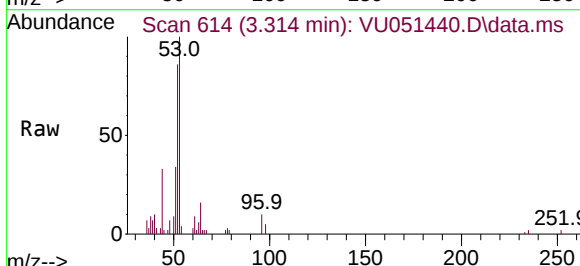
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1018WBSD01

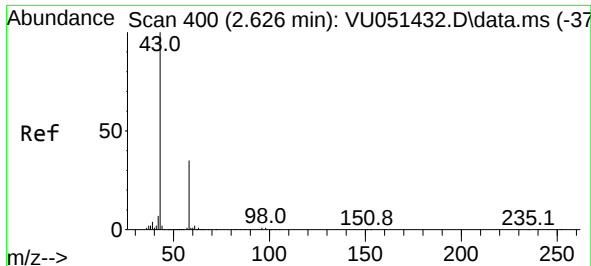
Tgt Ion: 41 Resp: 45374
 Ion Ratio Lower Upper
 41 100
 39 65.2 51.4 77.0



#12
 Acrylonitrile
 Concen: 3.753 ug/l
 RT: 3.314 min Scan# 614
 Delta R.T. 0.000 min
 Lab File: VU051440.D
 Acq: 18 Oct 2022 14:20

Tgt Ion: 53 Resp: 17483
 Ion Ratio Lower Upper
 53 100
 52 86.1 63.9 95.9
 51 37.7 25.9 38.9





#13

Acetone

Concen: 8.869 ug/l

RT: 2.626 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU051440.D

Acq: 18 Oct 2022 14:20

Instrument :

MSVOA_U

ClientSampleId :

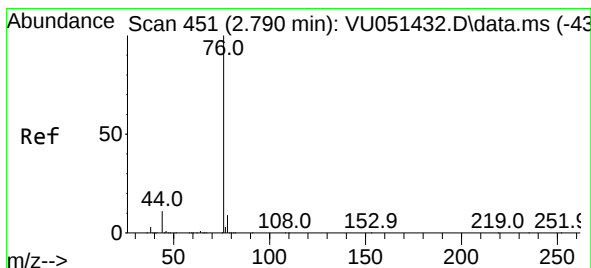
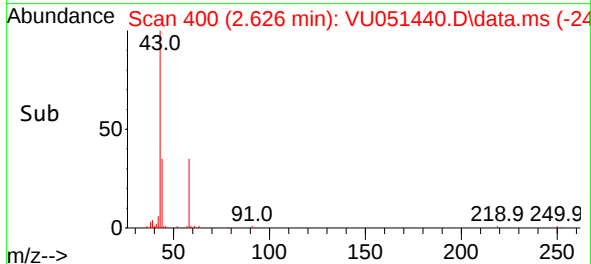
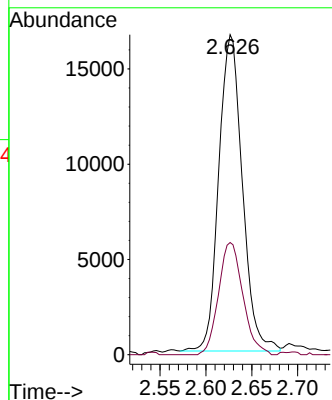
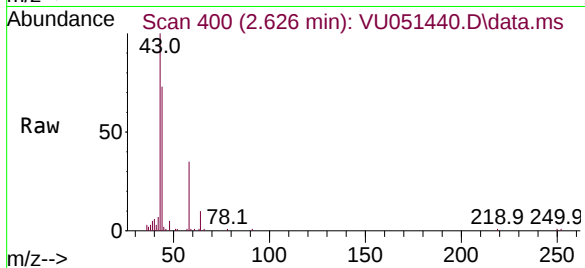
VU1018WBSD01

Tgt Ion: 43 Resp: 29755

Ion Ratio Lower Upper

43 100

58 35.4 27.9 41.9



#14

Carbon Disulfide

Concen: 1.914 ug/l

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU051440.D

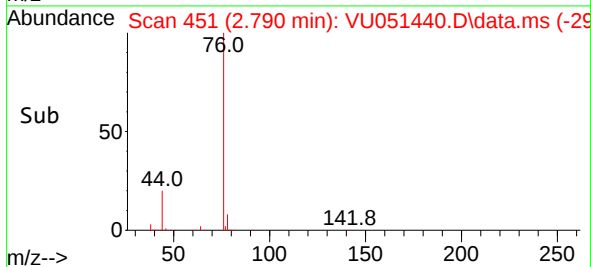
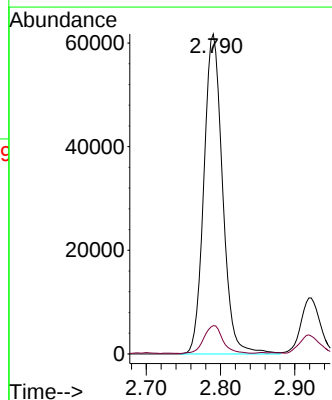
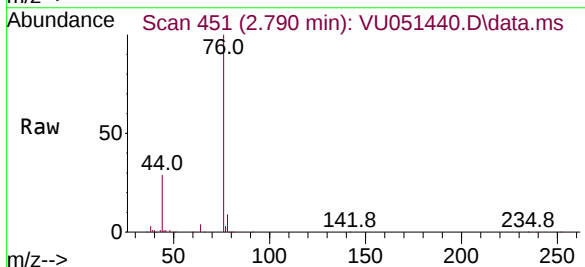
Acq: 18 Oct 2022 14:20

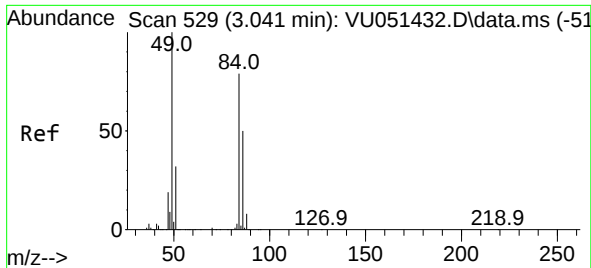
Tgt Ion: 76 Resp: 107964

Ion Ratio Lower Upper

76 100

78 8.7 7.2 10.8



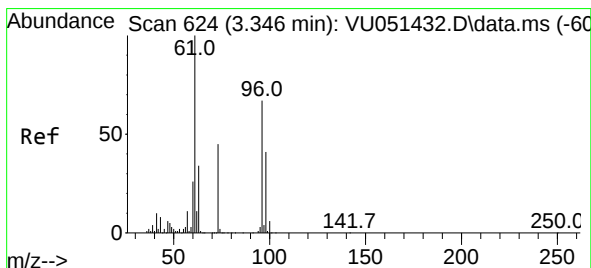
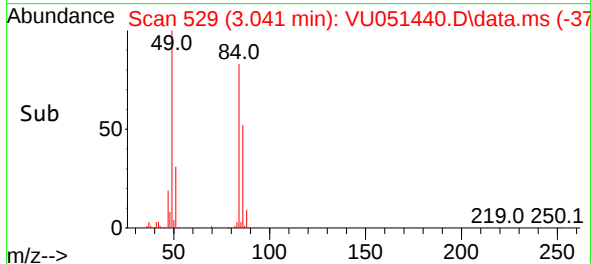
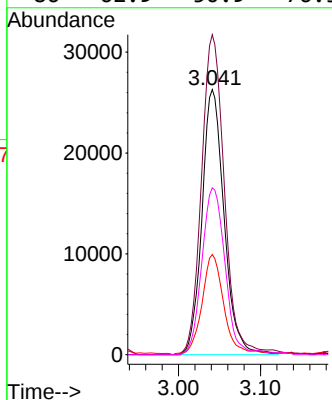
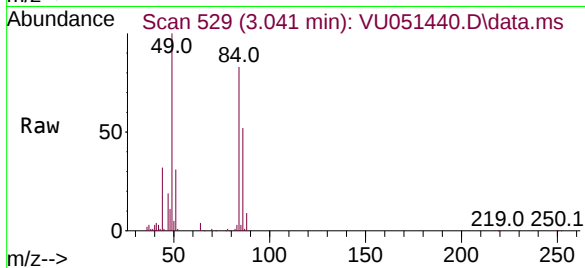


#15
Methylene Chloride
Concen: 2.265 ug/l
RT: 3.041 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

Instrument :
MSVOA_U
ClientSampleId :
VU1018WBSD01

Tgt Ion: 84 Resp: 49323

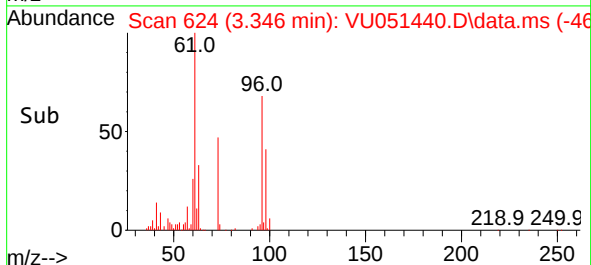
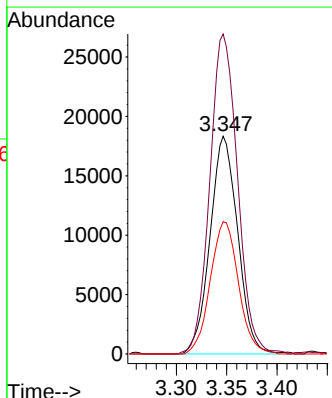
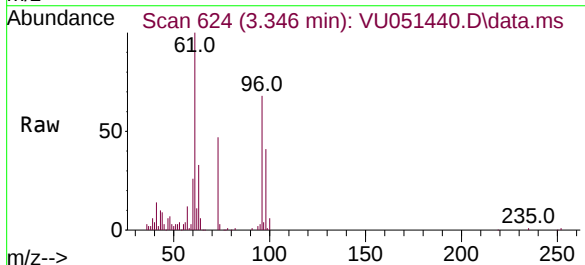
Ion	Ratio	Lower	Upper
84	100		
49	120.7	101.1	151.7
51	37.2	0.0	80.2
86	62.9	50.9	76.3

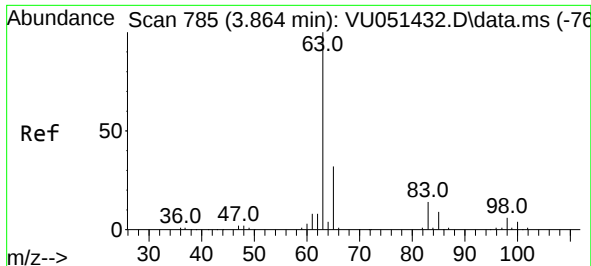


#16
trans-1,2-Dichloroethene
Concen: 1.932 ug/l
RT: 3.346 min Scan# 624
Delta R.T. 0.000 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

Tgt Ion: 96 Resp: 35082

Ion	Ratio	Lower	Upper
96	100		
61	146.9	119.9	179.9
98	60.8	49.5	74.3

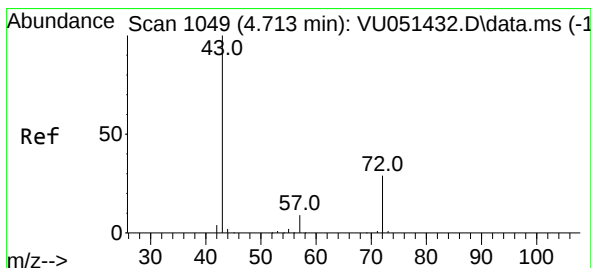
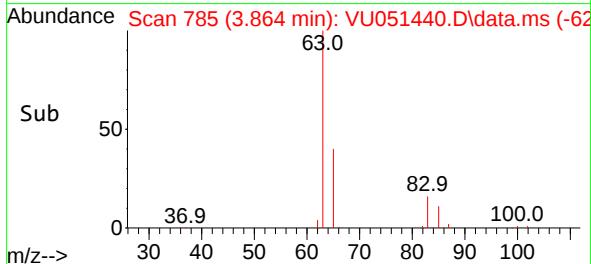
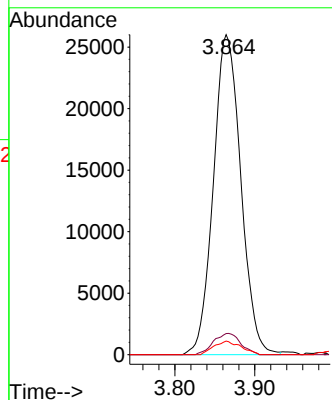
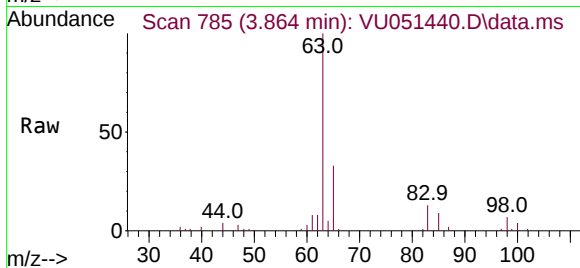




#17
1,1-Dichloroethane
Concen: 1.900 ug/l
RT: 3.864 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

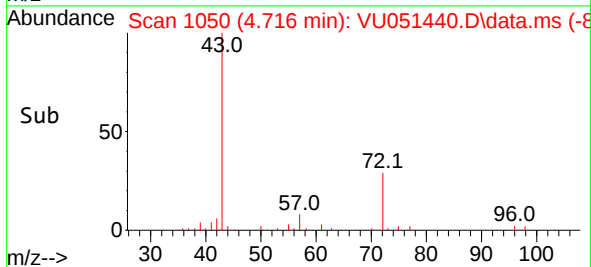
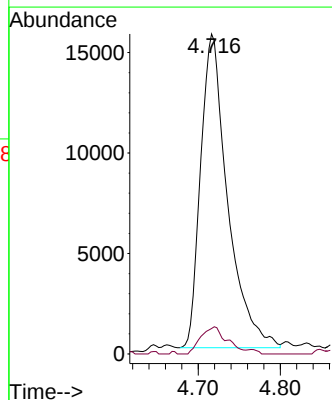
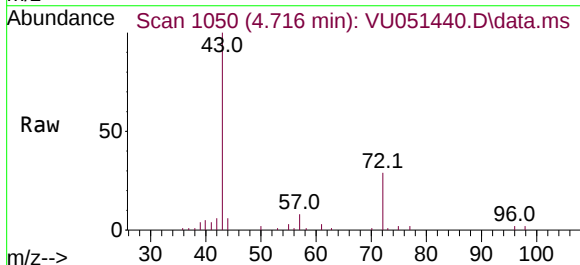
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBSD01

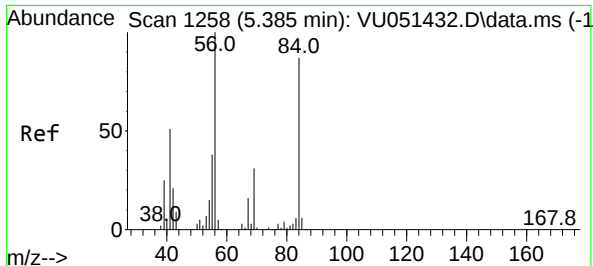
Tgt Ion: 63 Resp: 62032
Ion Ratio Lower Upper
63 100
98 6.6 3.1 9.3
100 4.3 2.1 6.3



#18
2-Butanone
Concen: 8.791 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

Tgt Ion: 43 Resp: 35788
Ion Ratio Lower Upper
43 100
57 8.1 0.0 18.2





#19

Cyclohexane

Concen: 1.524 ug/l

RT: 5.382 min Scan# 1258

Delta R.T. -0.003 min

Lab File: VU051440.D

Acq: 18 Oct 2022 14:20

Instrument :

MSVOA_U

ClientSampleId :

VU1018WBSD01

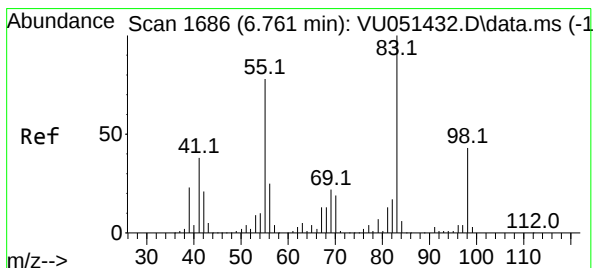
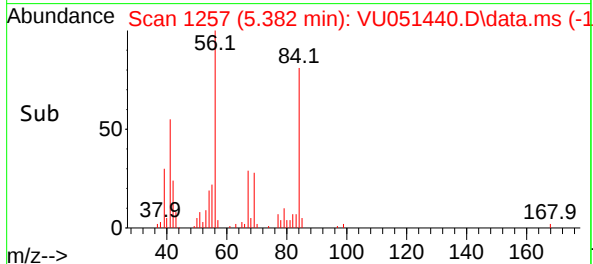
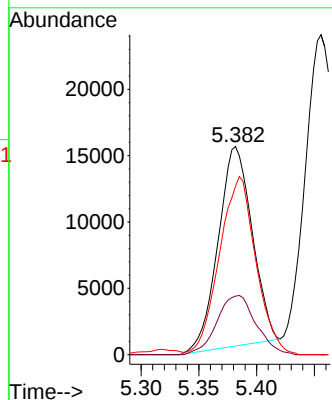
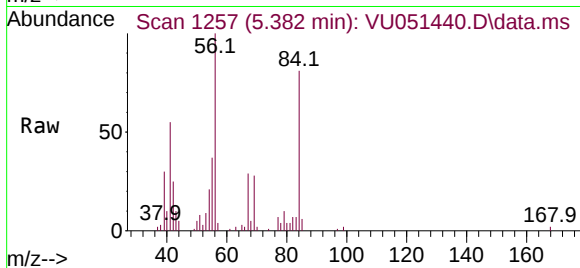
Tgt Ion: 56 Resp: 30831

Ion Ratio Lower Upper

56 100

69 34.0 25.0 37.4

84 94.0 68.5 102.7



#20

Methylcyclohexane

Concen: 1.770 ug/l

RT: 6.761 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VU051440.D

Acq: 18 Oct 2022 14:20

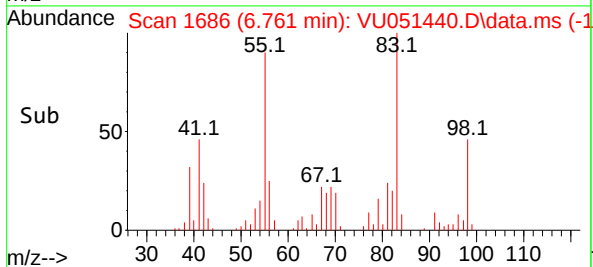
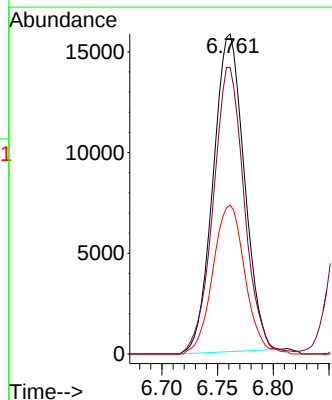
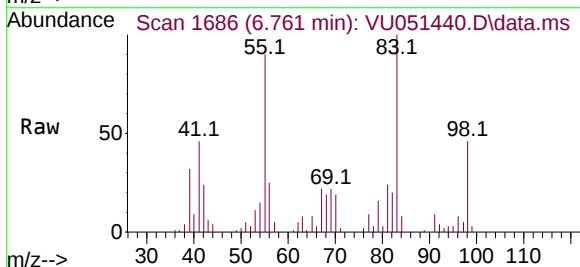
Tgt Ion: 83 Resp: 30715

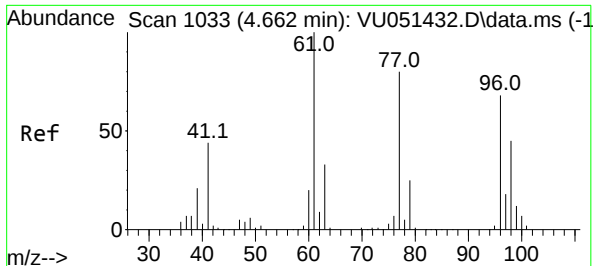
Ion Ratio Lower Upper

83 100

55 89.4 62.4 93.6

98 48.4 35.5 53.3





#21

2,2-Dichloropropane

Concen: 1.806 ug/l

RT: 4.662 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VU051440.D

Acq: 18 Oct 2022 14:20

Instrument :

MSVOA_U

ClientSampleId :

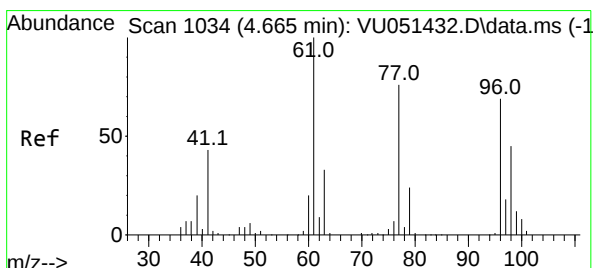
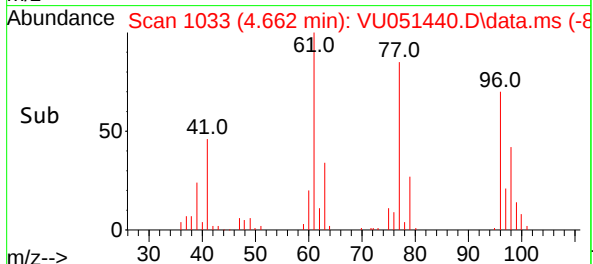
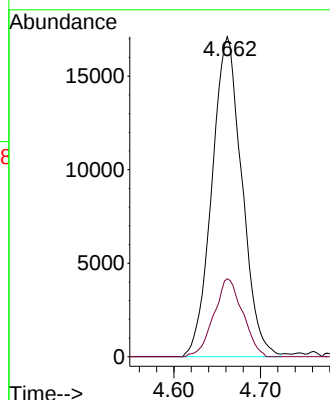
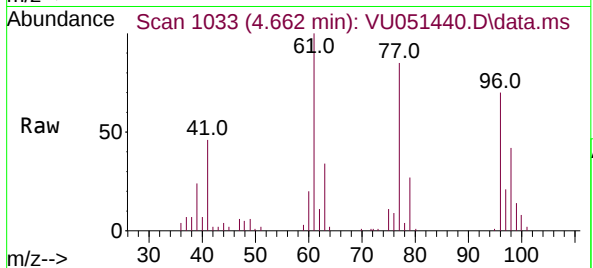
VU1018WBSD01

Tgt Ion: 77 Resp: 41157

Ion Ratio Lower Upper

77 100

97 23.4 19.0 28.6



#22

cis-1,2-Dichloroethene

Concen: 1.928 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU051440.D

Acq: 18 Oct 2022 14:20

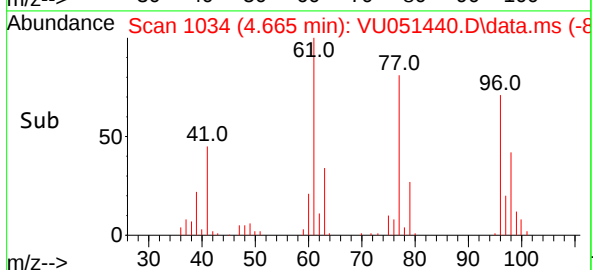
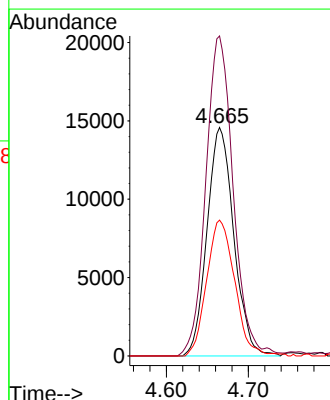
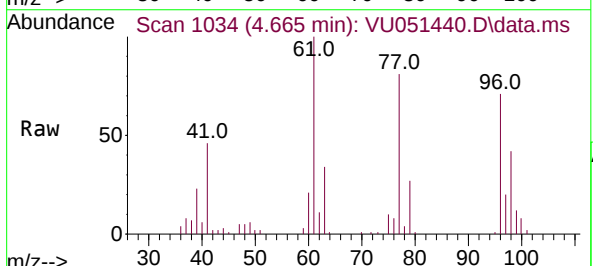
Tgt Ion: 96 Resp: 33112

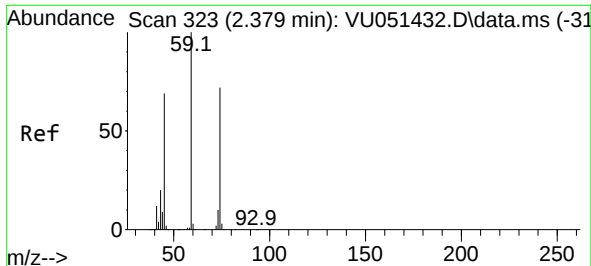
Ion Ratio Lower Upper

96 100

61 143.0 0.0 362.8

98 61.8 32.5 97.5

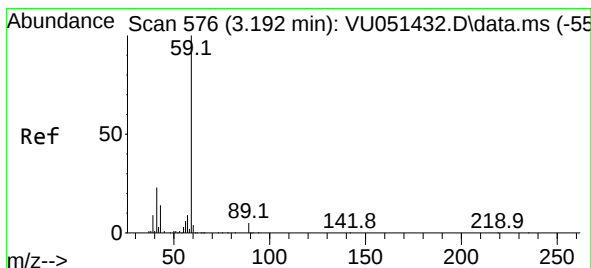
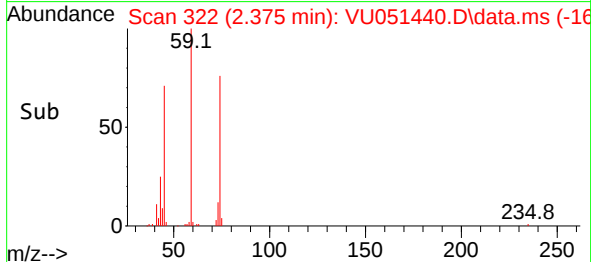
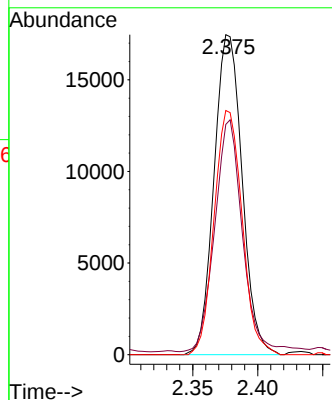
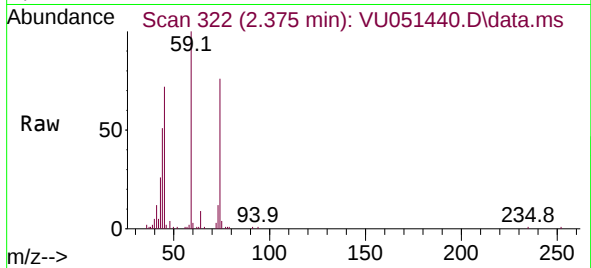




#23
Diethyl Ether
Concen: 1.895 ug/l
RT: 2.375 min Scan# 31
Delta R.T. -0.004 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

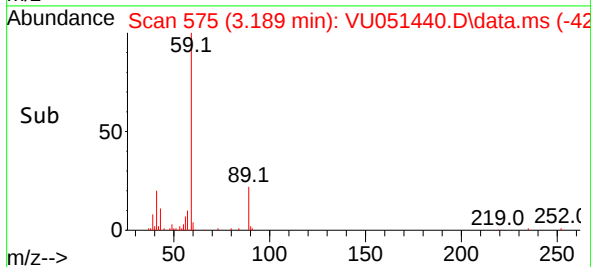
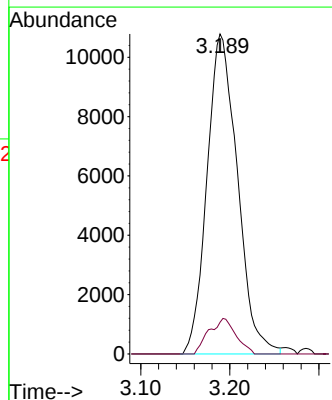
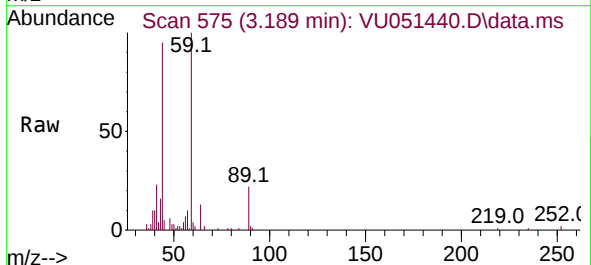
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBSD01

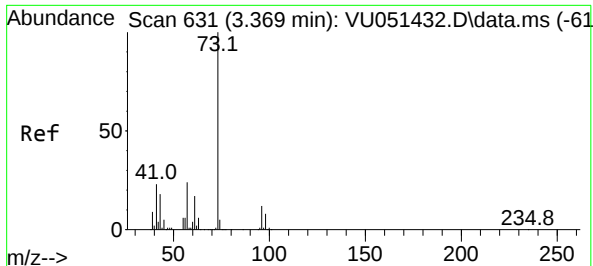
Tgt Ion: 59 Resp: 26199
Ion Ratio Lower Upper
59 100
45 71.5 55.7 83.5
74 76.1 58.2 87.4



#24
tert-Butyl Alcohol
Concen: 17.633 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.003 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

Tgt Ion: 59 Resp: 25565
Ion Ratio Lower Upper
59 100
57 9.8 7.8 11.8

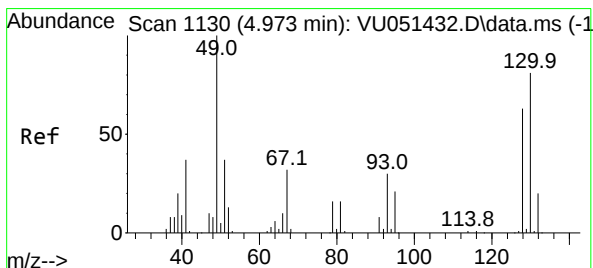
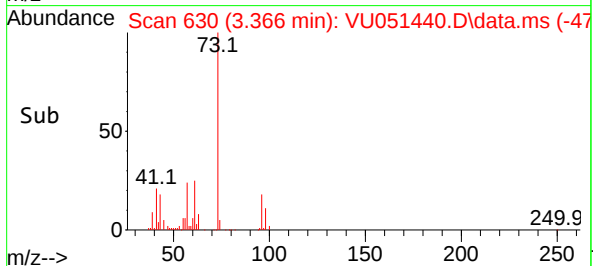
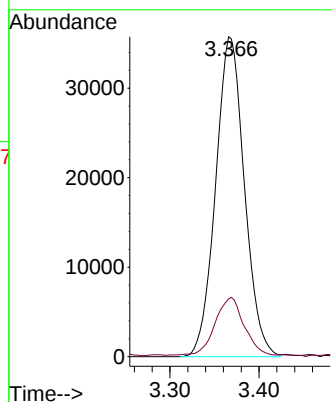
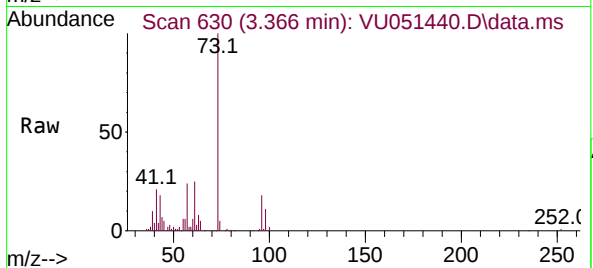




#25
Methyl tert-Butyl Ether
Concen: 1.949 ug/l
RT: 3.366 min Scan# 611
Delta R.T. -0.003 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

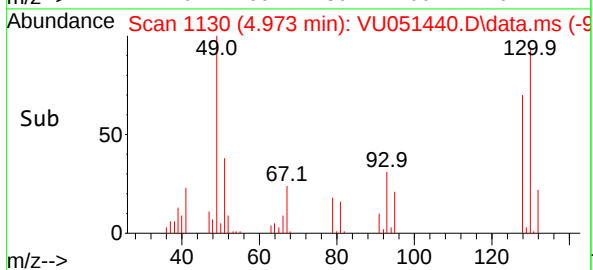
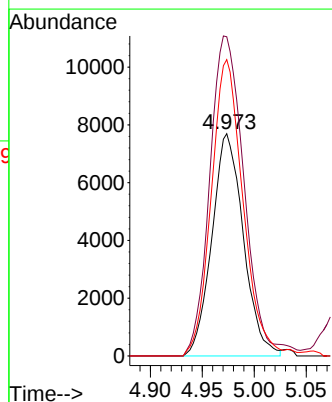
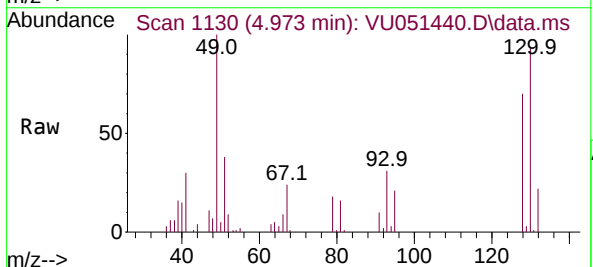
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBSD01

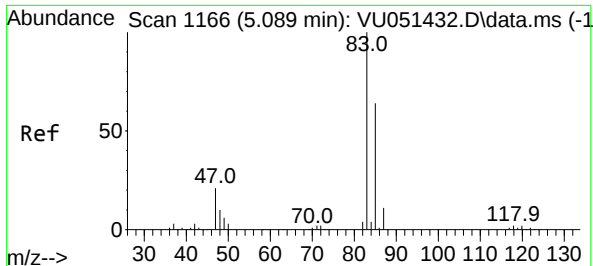
Tgt Ion: 73 Resp: 80255
Ion Ratio Lower Upper
73 100
43 17.8 14.2 21.4



#26
Bromochloromethane
Concen: 1.935 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

Tgt Ion: 128 Resp: 16200
Ion Ratio Lower Upper
128 100
49 157.3 0.0 320.4
130 133.9 105.0 157.6





#27

Chloroform

Concen: 1.906 ug/l

RT: 5.086 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU051440.D

Acq: 18 Oct 2022 14:20

Instrument :

MSVOA_U

ClientSampleId :

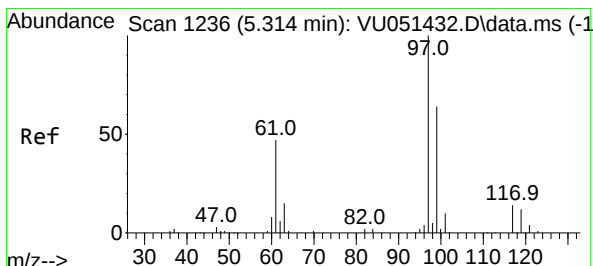
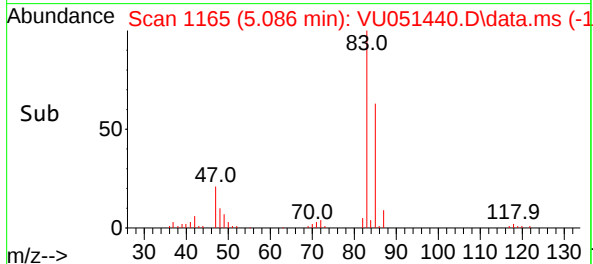
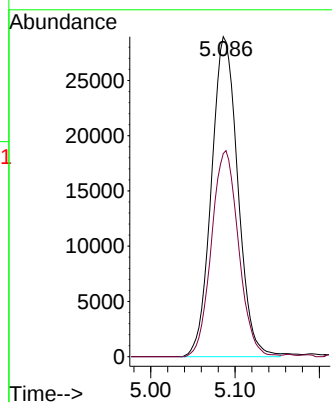
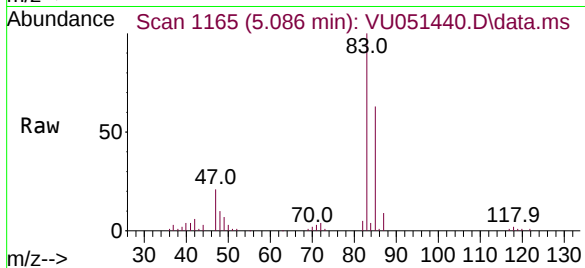
VU1018WBSD01

Tgt Ion: 83 Resp: 63009

Ion Ratio Lower Upper

83 100

85 63.5 0.0 128.8



#28

1,1,1-Trichloroethane

Concen: 1.873 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU051440.D

Acq: 18 Oct 2022 14:20

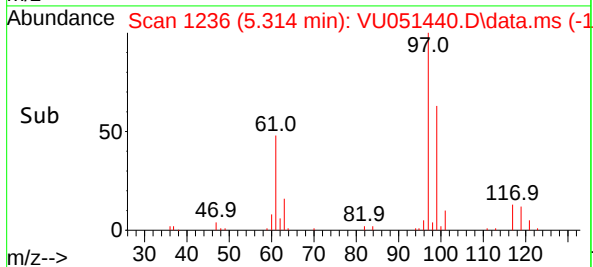
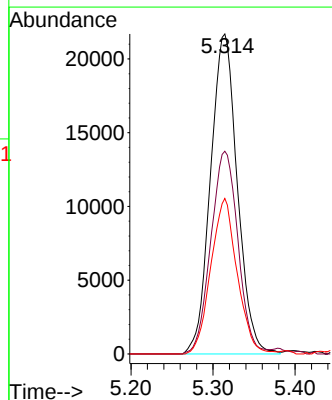
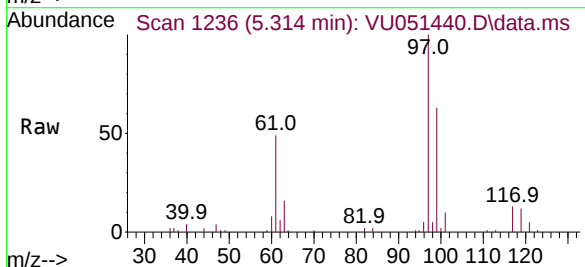
Tgt Ion: 97 Resp: 49432

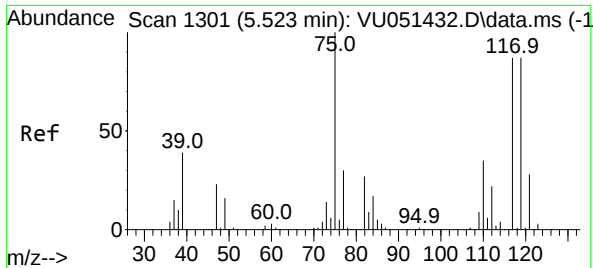
Ion Ratio Lower Upper

97 100

99 64.1 31.8 95.4

61 47.8 23.6 71.0





#29

1,1-Dichloropropene

Concen: 1.707 ug/l

RT: 5.523 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051440.D

Acq: 18 Oct 2022 14:20

Instrument :

MSVOA_U

ClientSampleId :

VU1018WBSD01

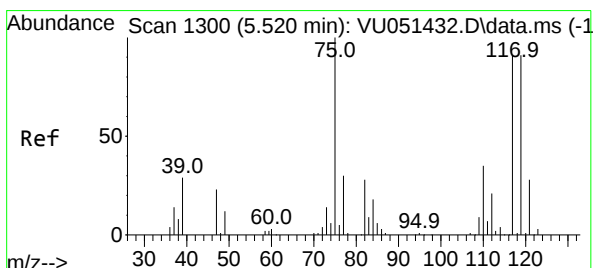
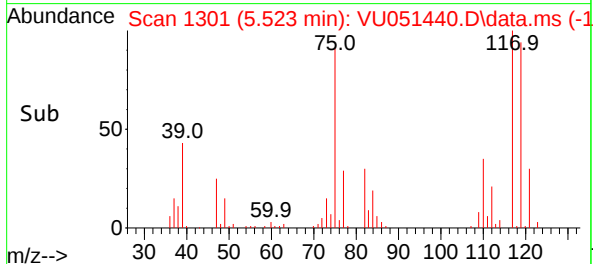
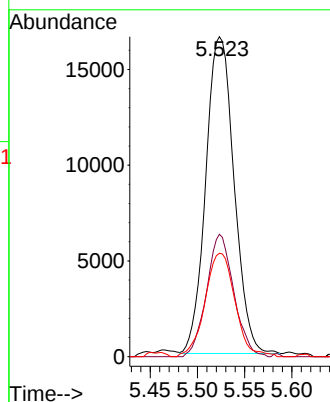
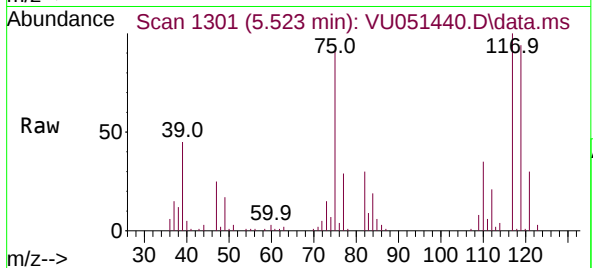
Tgt Ion: 75 Resp: 34498

Ion Ratio Lower Upper

75 100

110 37.0 17.8 53.3

77 34.4 24.2 36.4



#30

Carbon Tetrachloride

Concen: 1.828 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VU051440.D

Acq: 18 Oct 2022 14:20

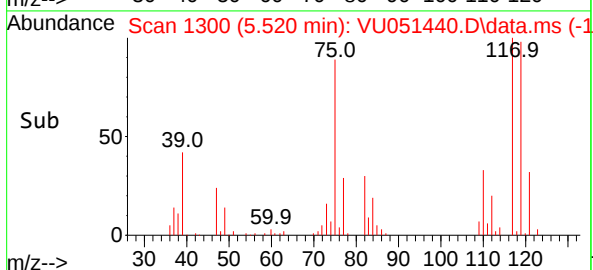
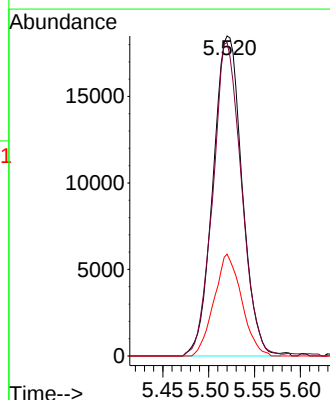
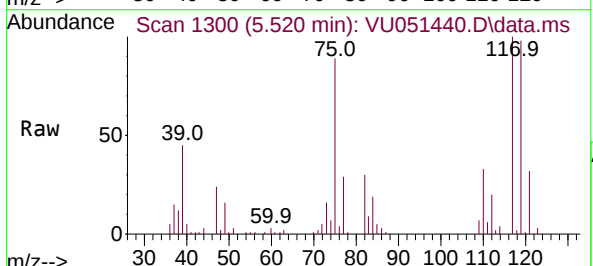
Tgt Ion: 117 Resp: 40700

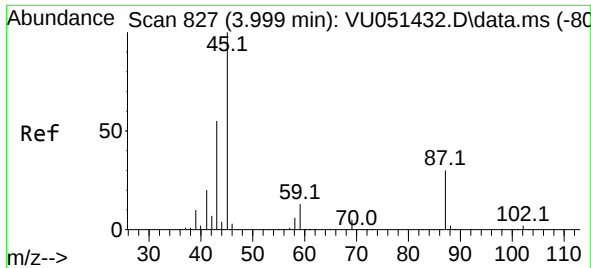
Ion Ratio Lower Upper

117 100

119 98.0 80.0 120.0

121 31.8 24.9 37.3

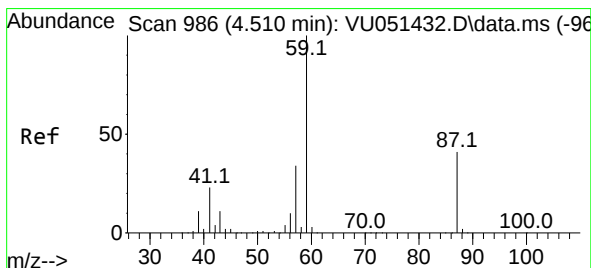
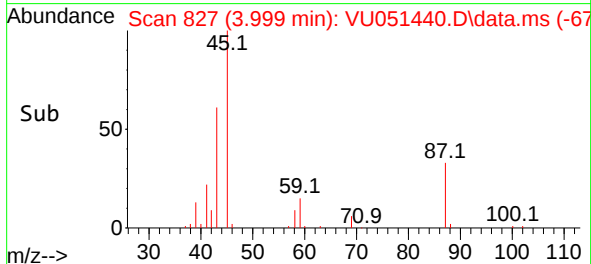
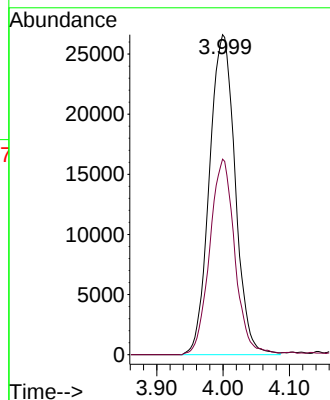
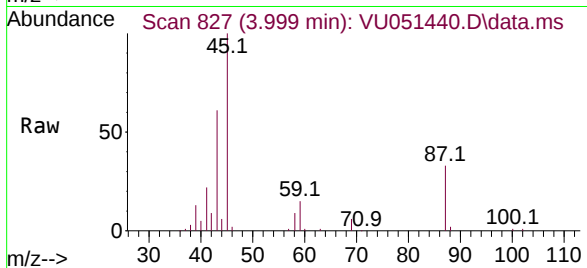




#31
Isopropyl Ether
Concen: 1.859 ug/l
RT: 3.999 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

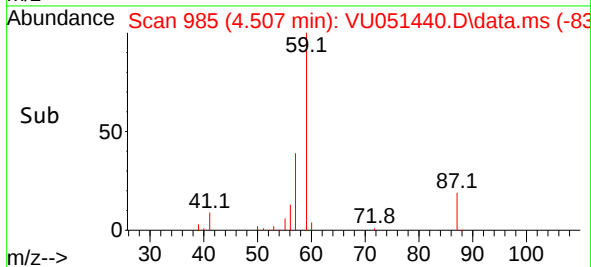
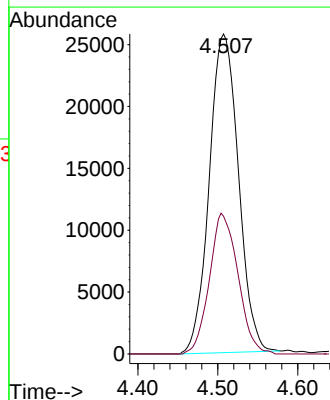
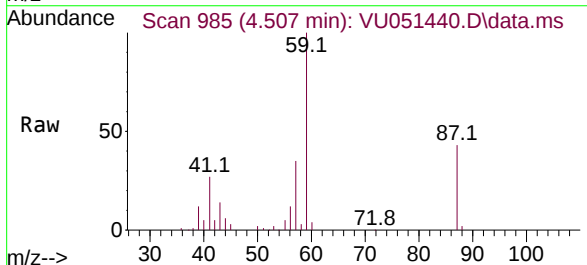
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBSD01

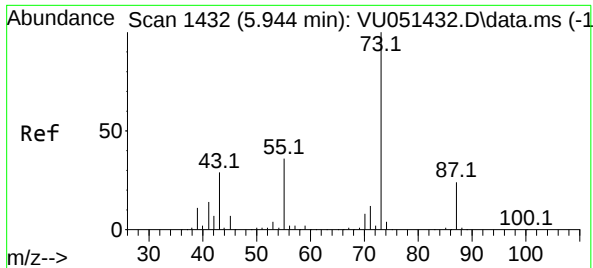
Tgt Ion: 45 Resp: 71769
Ion Ratio Lower Upper
45 100
43 59.6 27.6 82.7



#32
Ethyl-t-butyl ether
Concen: 1.854 ug/l
RT: 4.507 min Scan# 985
Delta R.T. -0.003 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

Tgt Ion: 59 Resp: 65369
Ion Ratio Lower Upper
59 100
87 43.1 33.8 50.8

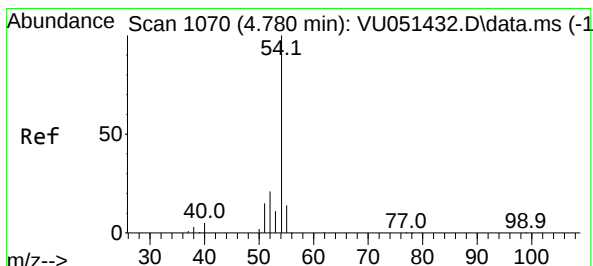
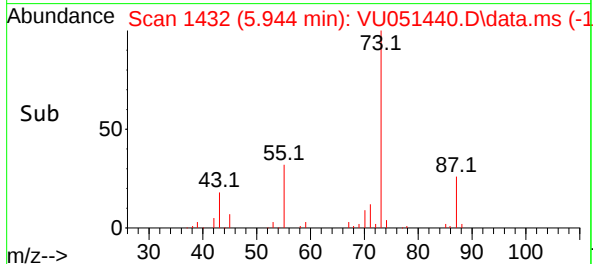
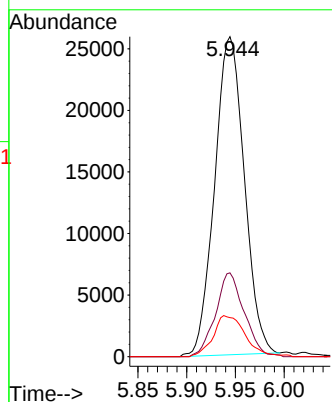
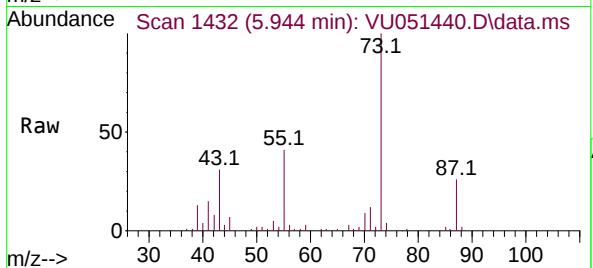




#33
Tert-Amyl methyl ether
Concen: 1.767 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

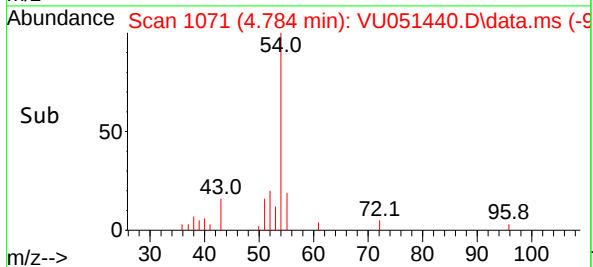
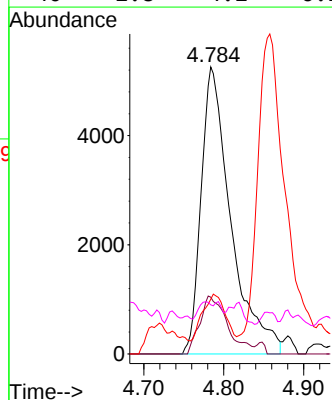
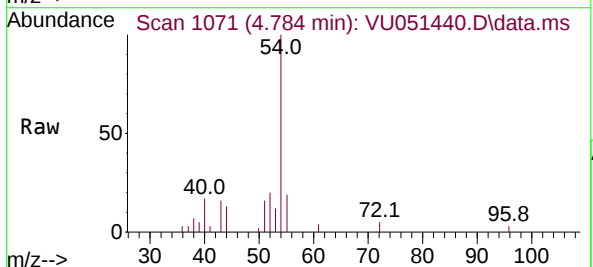
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBSD01

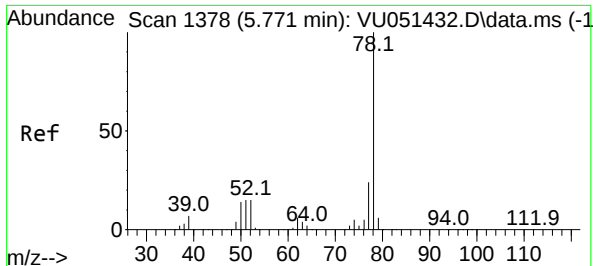
Tgt Ion: 73 Resp: 54751
Ion Ratio Lower Upper
73 100
87 25.4 18.9 28.3
71 14.0 9.4 14.2



#34
Propionitrile
Concen: 9.932 ug/l
RT: 4.784 min Scan# 1071
Delta R.T. 0.003 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

Tgt Ion: 54 Resp: 13593
Ion Ratio Lower Upper
54 100
52 18.8 16.4 24.6
55 13.4 11.5 17.3
40 2.8 4.2 6.2#

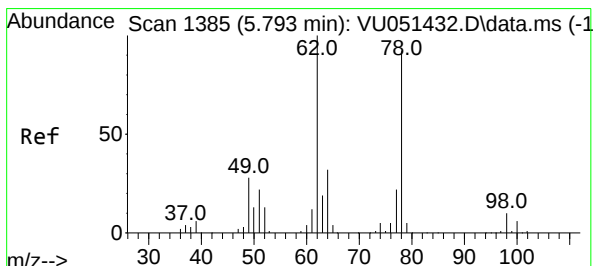
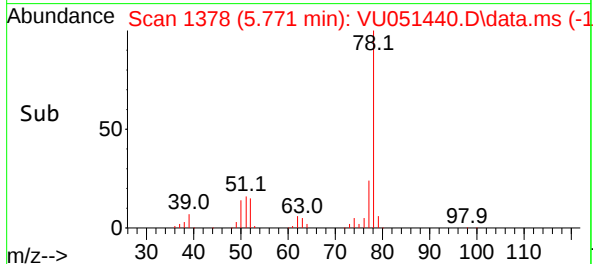
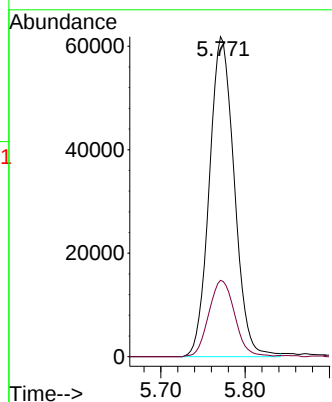
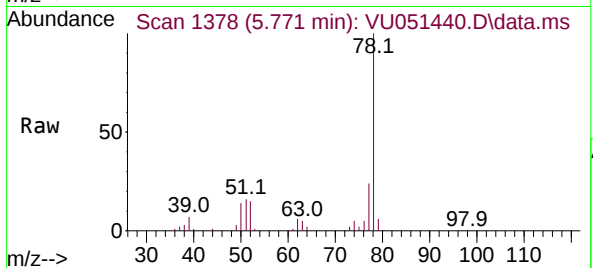




#35
Benzene
Concen: 1.876 ug/l
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

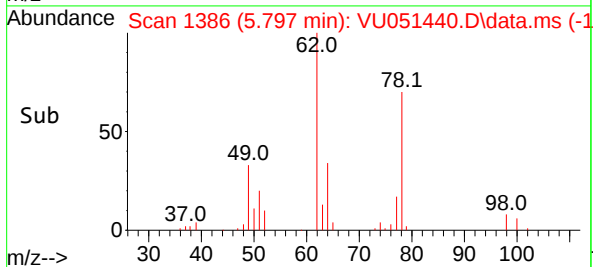
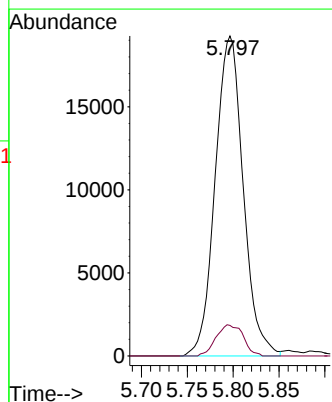
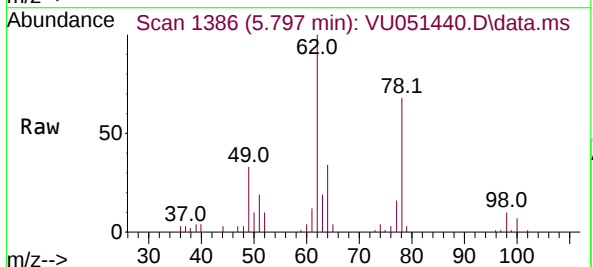
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBSD01

Tgt Ion: 78 Resp: 127201
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6



#36
1,2-Dichloroethane
Concen: 1.955 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.003 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

Tgt Ion: 62 Resp: 40912
Ion Ratio Lower Upper
62 100
98 9.4 7.4 11.2





#37

Trichloroethene

Concen: 1.860 ug/l

RT: 6.539 min Scan# 1617

Delta R.T. -0.003 min

Lab File: VU051440.D

Acq: 18 Oct 2022 14:20

Instrument :

MSVOA_U

ClientSampleId :

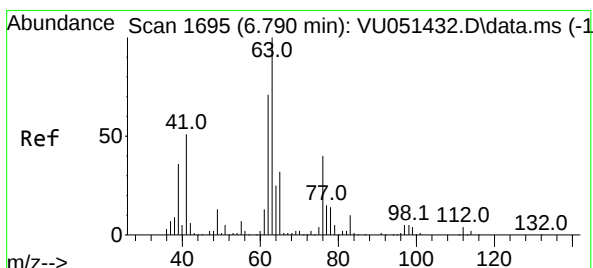
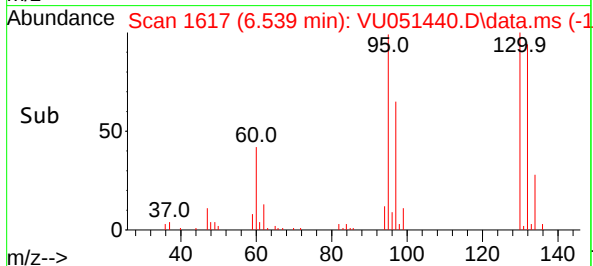
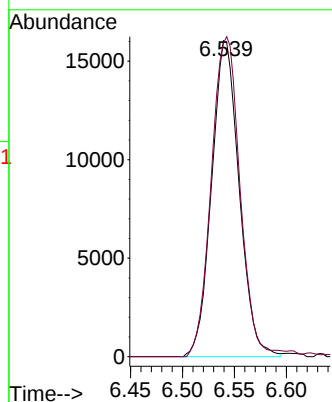
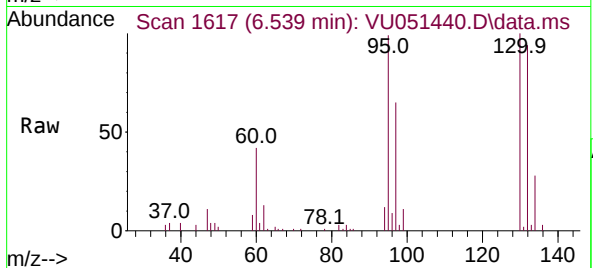
VU1018WBSD01

Tgt Ion:130 Resp: 29604

Ion Ratio Lower Upper

130 100

95 99.2 80.2 120.4



#38

1,2-Dichloropropane

Concen: 1.885 ug/l

RT: 6.793 min Scan# 1696

Delta R.T. 0.003 min

Lab File: VU051440.D

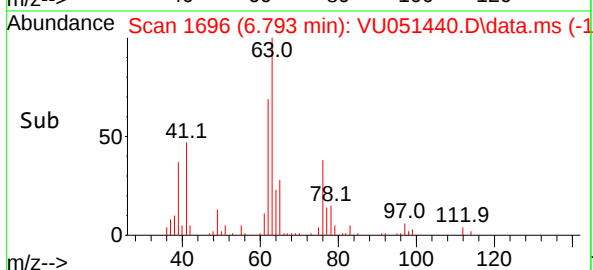
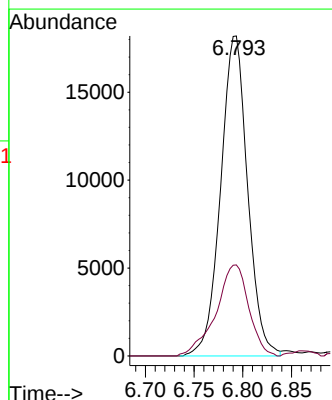
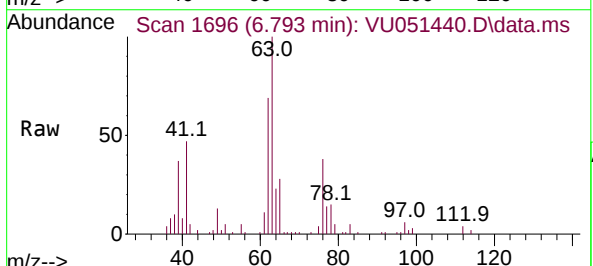
Acq: 18 Oct 2022 14:20

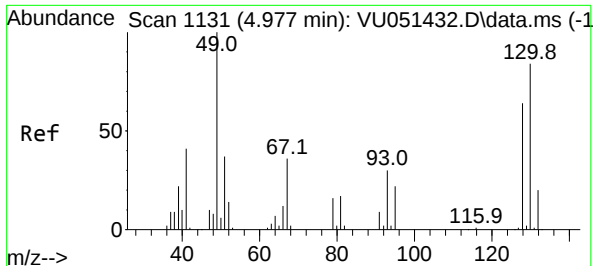
Tgt Ion: 63 Resp: 35082

Ion Ratio Lower Upper

63 100

65 28.4 25.4 38.2





#39

Methacrylonitrile

Concen: 1.962 ug/l

RT: 4.980 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VU051440.D

Acq: 18 Oct 2022 14:20

Instrument :

MSVOA_U

ClientSampleId :

VU1018WBSD01

Tgt Ion: 41 Resp: 9176

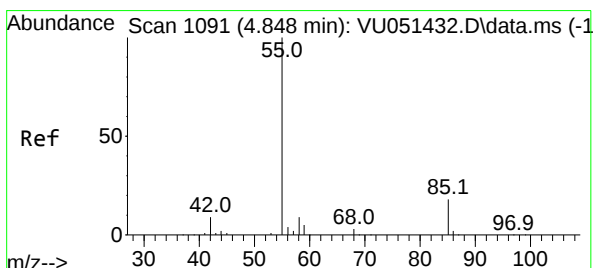
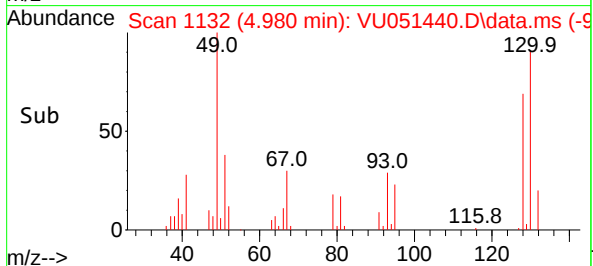
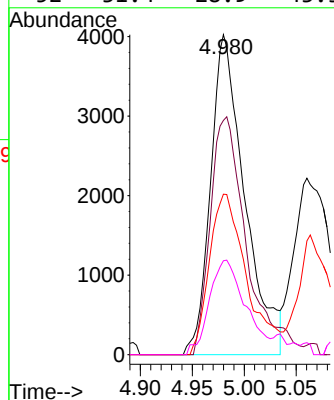
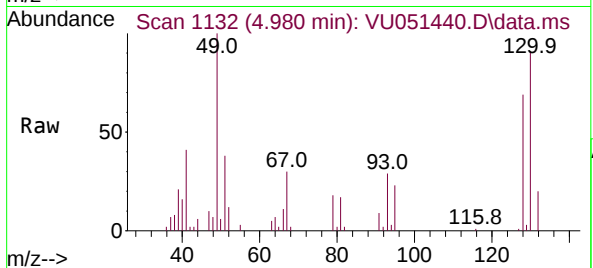
Ion Ratio Lower Upper

41 100

67 78.9 69.6 104.4

39 54.4 42.2 63.4

52 31.4 28.9 43.3



#40

Methyl acrylate

Concen: 1.694 ug/l

RT: 4.858 min Scan# 1094

Delta R.T. 0.010 min

Lab File: VU051440.D

Acq: 18 Oct 2022 14:20

Tgt Ion: 55 Resp: 12639

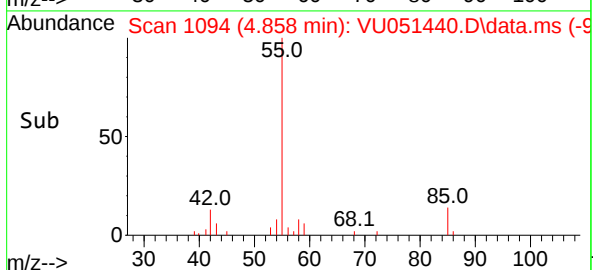
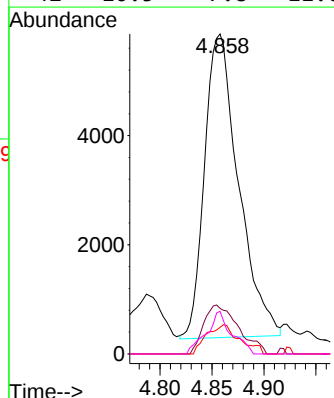
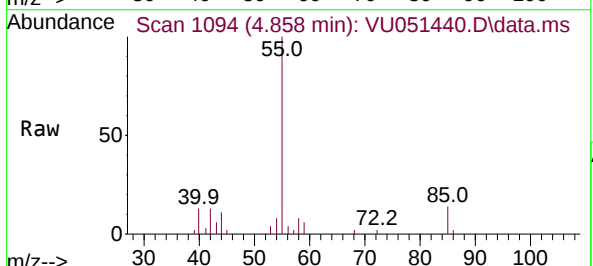
Ion Ratio Lower Upper

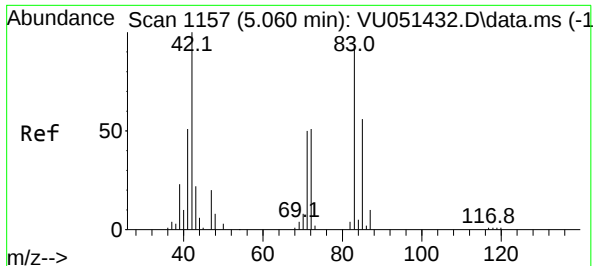
55 100

85 16.5 15.0 22.6

58 9.3 7.5 11.3

42 10.5 7.8 11.6





#41

Tetrahydrofuran

Concen: 3.719 ug/l

RT: 5.063 min Scan# 1157

Delta R.T. 0.003 min

Lab File: VU051440.D

Acq: 18 Oct 2022 14:20

Instrument :

MSVOA_U

ClientSampleId :

VU1018WBSD01

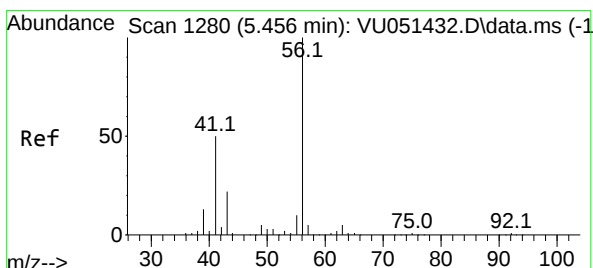
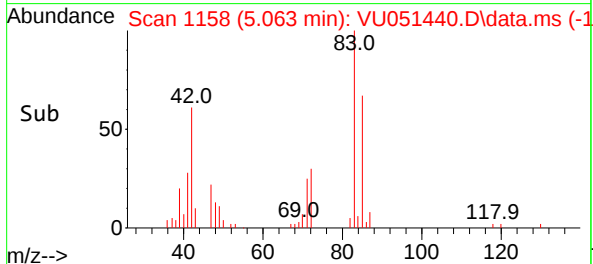
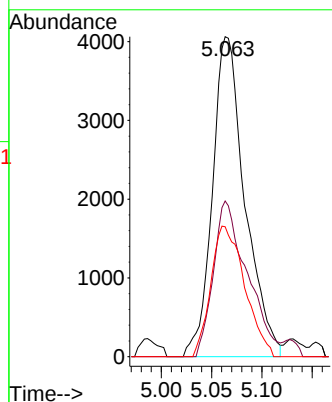
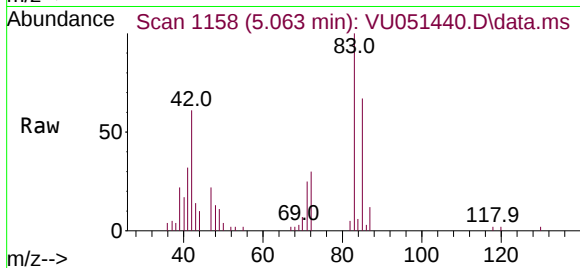
Tgt Ion: 42 Resp: 9135

Ion Ratio Lower Upper

42 100

72 50.9 42.6 64.0

71 42.4 38.3 57.5



#42

1-Chlorobutane

Concen: 1.768 ug/l

RT: 5.456 min Scan# 1280

Delta R.T. 0.000 min

Lab File: VU051440.D

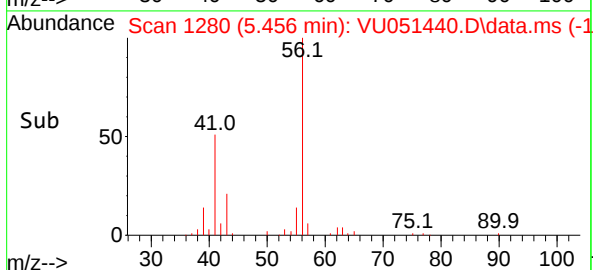
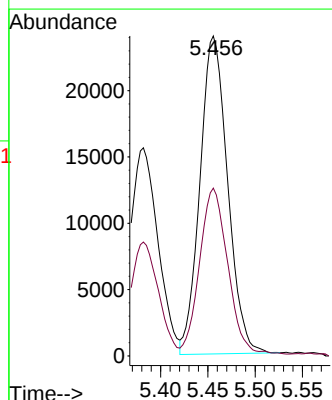
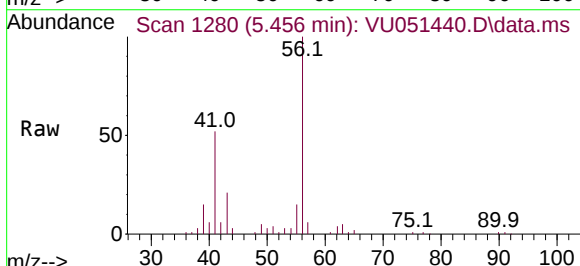
Acq: 18 Oct 2022 14:20

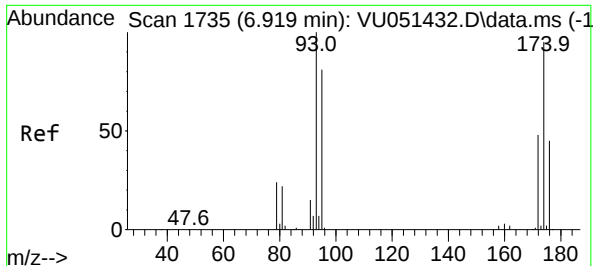
Tgt Ion: 56 Resp: 48759

Ion Ratio Lower Upper

56 100

41 53.4 24.8 74.4



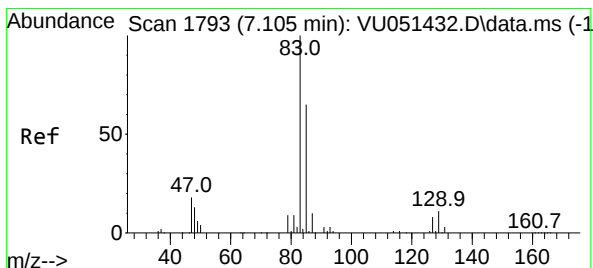
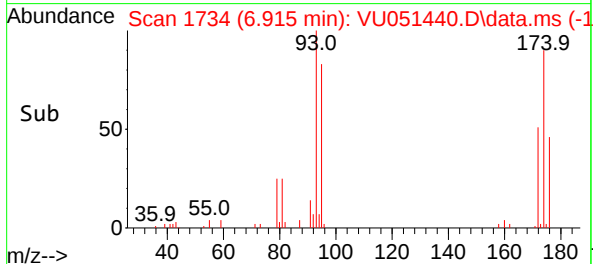
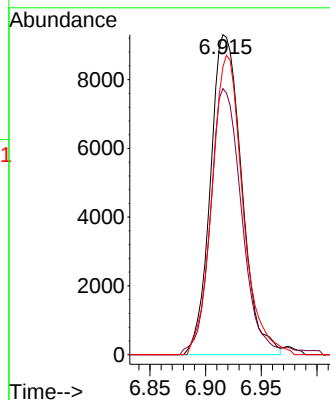
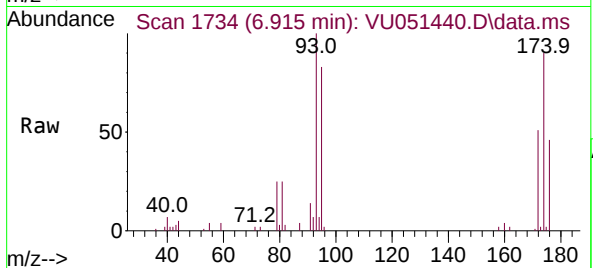


#43
Dibromomethane
Concen: 1.881 ug/l
RT: 6.915 min Scan# 1735
Delta R.T. -0.003 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

Instrument :
MSVOA_U
ClientSampleId :
VU1018WBSD01

Tgt Ion: 93 Resp: 18162

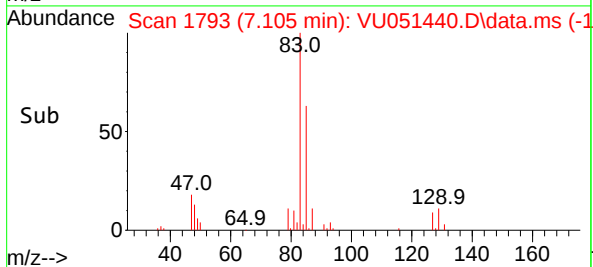
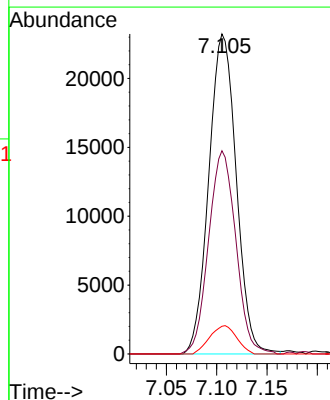
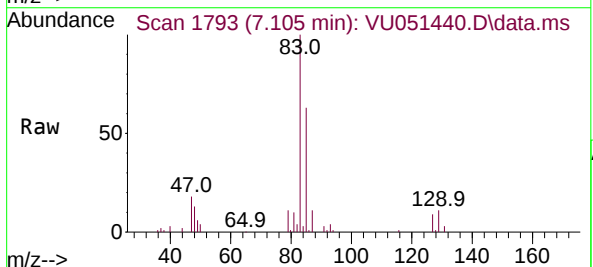
Ion	Ratio	Lower	Upper
93	100		
95	84.2	66.7	100.1
174	92.2	75.5	113.3



#44
Bromodichloromethane
Concen: 1.890 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

Tgt Ion: 83 Resp: 44170

Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.1	78.1
127	8.6	6.8	10.2





#45

4-Methyl-2-Pentanone

Concen: 8.689 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU051440.D

Acq: 18 Oct 2022 14:20

Instrument :

MSVOA_U

ClientSampleId :

VU1018WBSD01

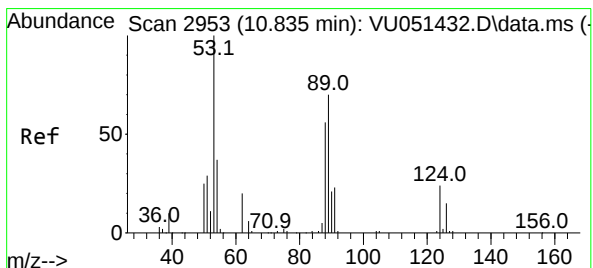
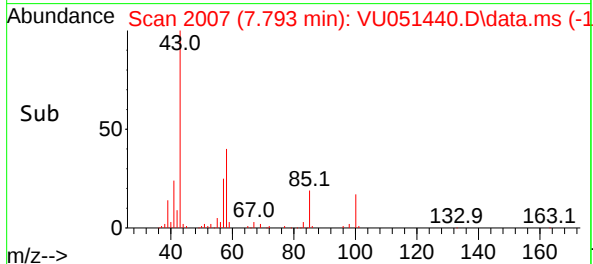
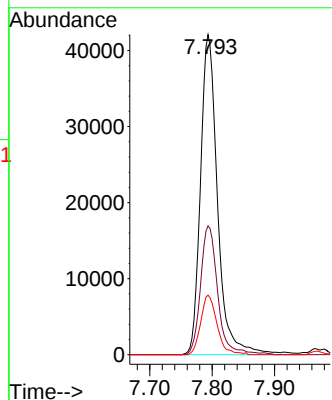
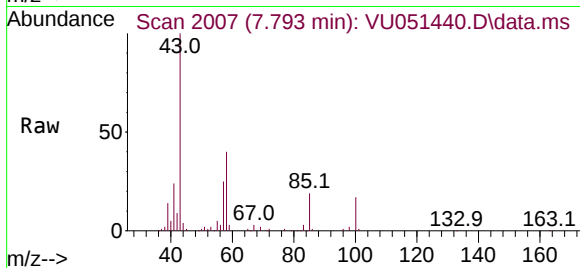
Tgt Ion: 43 Resp: 79870

Ion Ratio Lower Upper

43 100

58 40.4 21.4 64.3

85 17.9 15.4 23.0



#46

t-1,4-Dichloro-2-butene

Concen: 7.682 ug/l

RT: 10.822 min Scan# 2949

Delta R.T. -0.013 min

Lab File: VU051440.D

Acq: 18 Oct 2022 14:20

Tgt Ion: 75 Resp: 39411

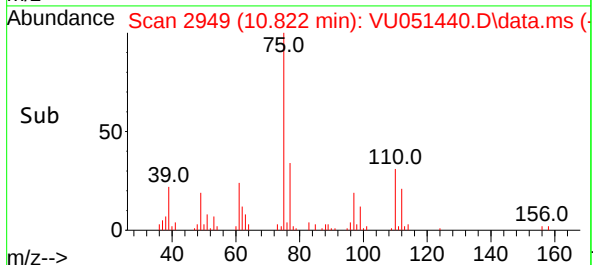
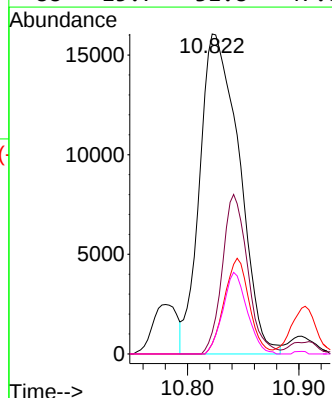
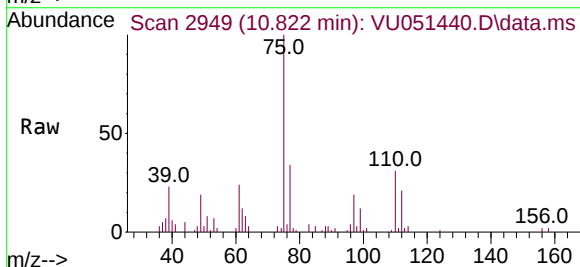
Ion Ratio Lower Upper

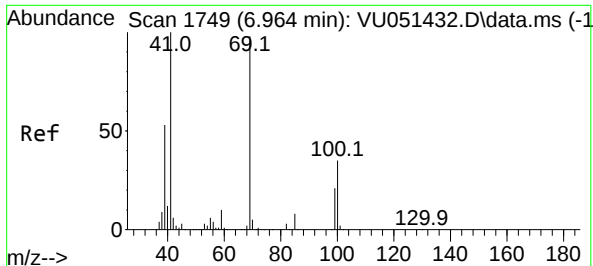
75 100

53 32.2 61.1 91.7#

89 19.0 41.0 61.6#

88 15.7 31.8 47.8#





#47

Methyl methacrylate

Concen: 3.611 ug/l

RT: 6.964 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051440.D

Acq: 18 Oct 2022 14:20

Instrument :

MSVOA_U

ClientSampleId :

VU1018WBSD01

Tgt Ion: 69 Resp: 24966

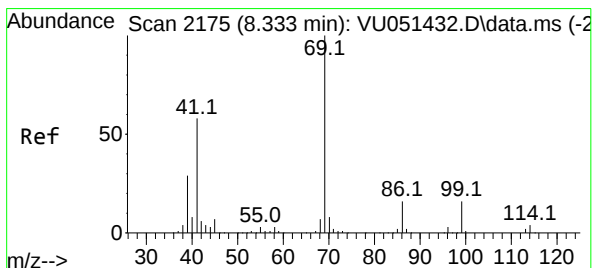
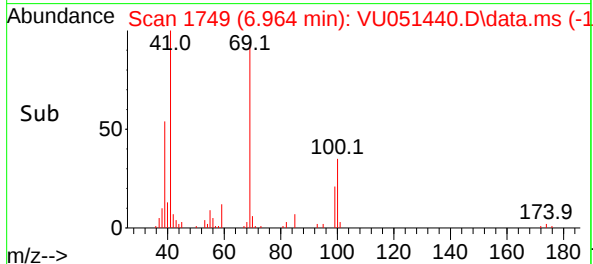
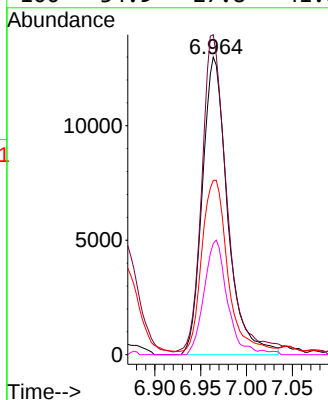
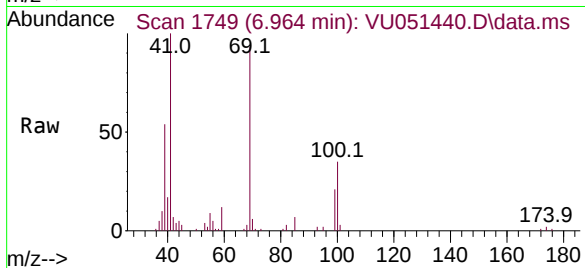
Ion Ratio Lower Upper

69 100

41 105.3 0.0 200.8

39 58.2 44.1 66.1

100 34.9 27.8 41.8



#48

Ethyl methacrylate

Concen: 1.884 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.004 min

Lab File: VU051440.D

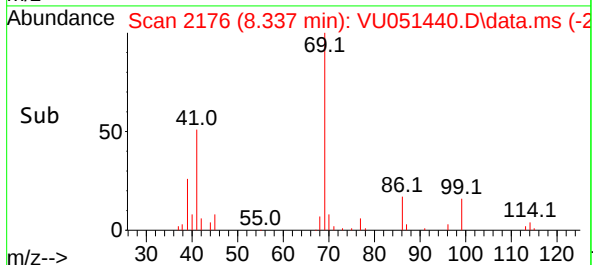
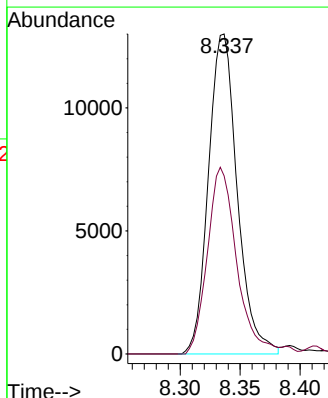
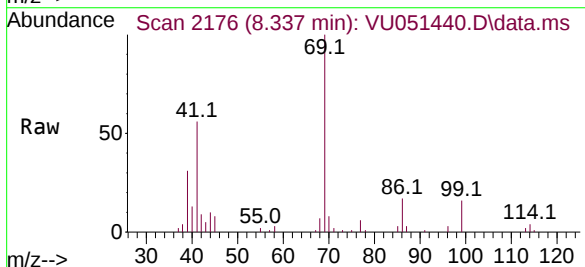
Acq: 18 Oct 2022 14:20

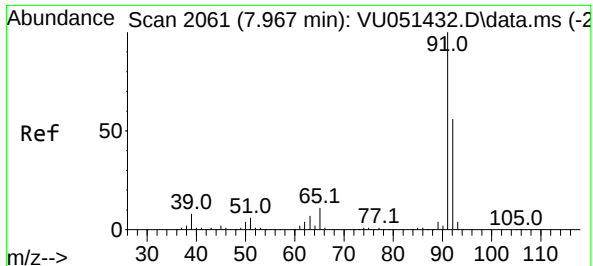
Tgt Ion: 69 Resp: 21719

Ion Ratio Lower Upper

69 100

41 59.2 28.8 86.5





#49

Toluene

Concen: 1.773 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU051440.D

Acq: 18 Oct 2022 14:20

Instrument :

MSVOA_U

ClientSampleId :

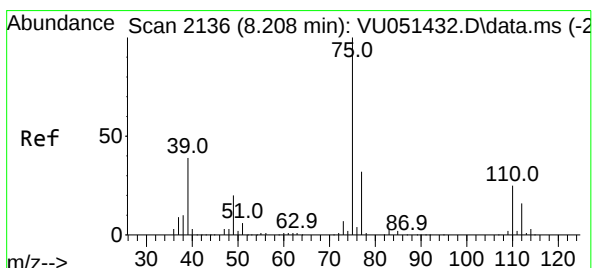
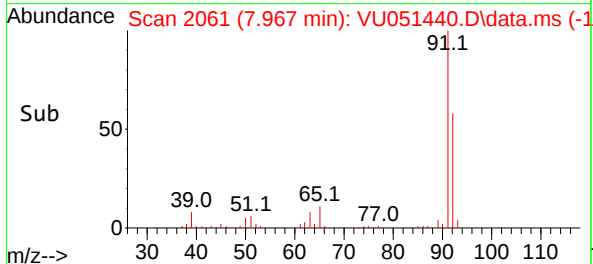
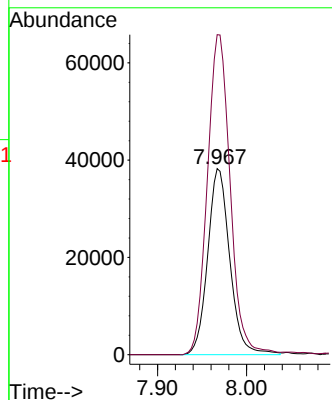
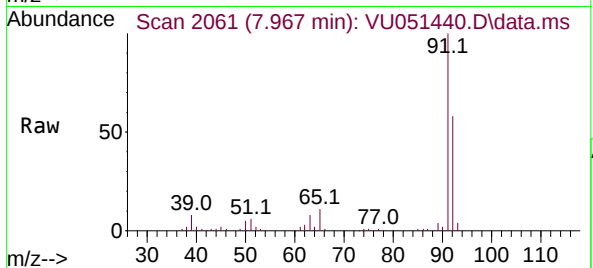
VU1018WBSD01

Tgt Ion: 92 Resp: 65949

Ion Ratio Lower Upper

92 100

91 177.3 141.8 212.6



#50

t-1,3-Dichloropropene

Concen: 1.755 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU051440.D

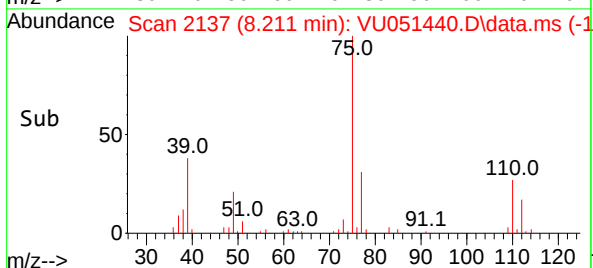
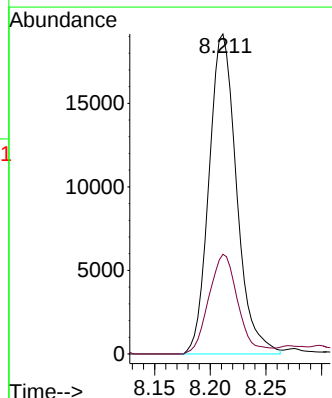
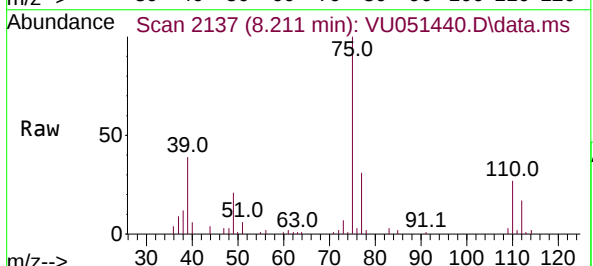
Acq: 18 Oct 2022 14:20

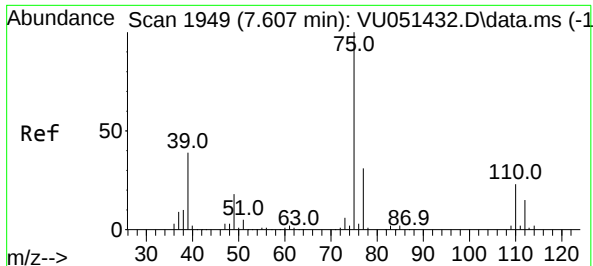
Tgt Ion: 75 Resp: 32992

Ion Ratio Lower Upper

75 100

77 31.2 25.8 38.6

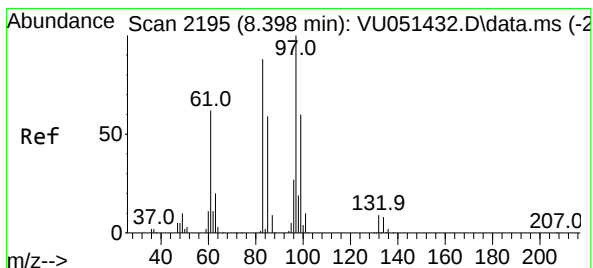
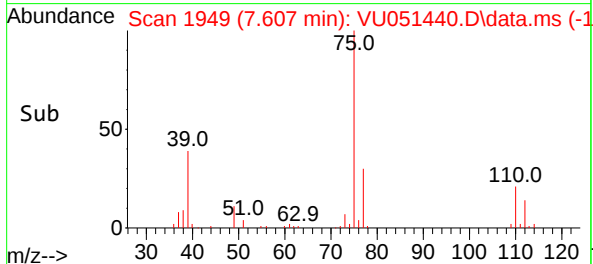
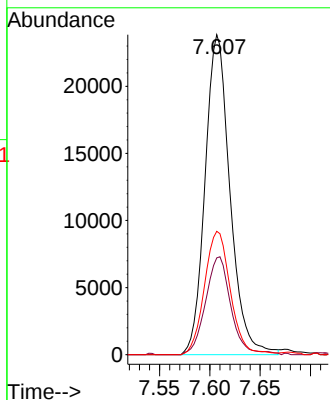
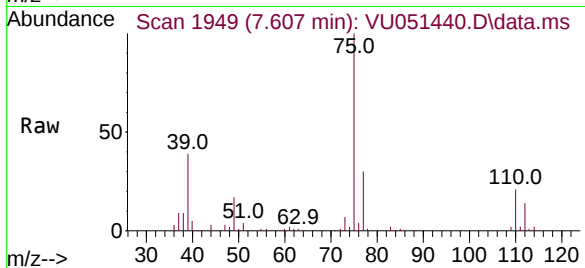




#51
 cis-1,3-Dichloropropene
 Concen: 1.858 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VU051440.D
 Acq: 18 Oct 2022 14:20

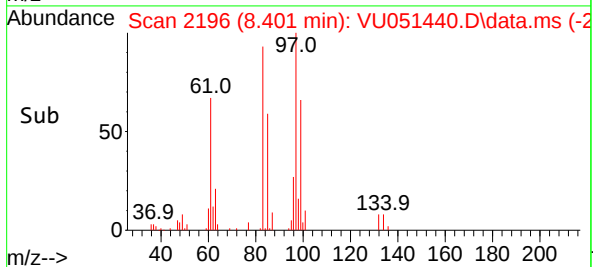
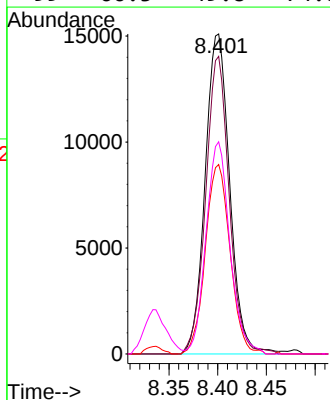
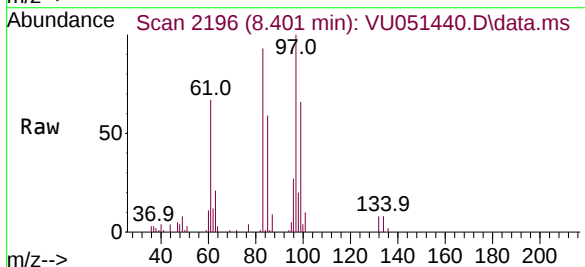
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1018WBSD01

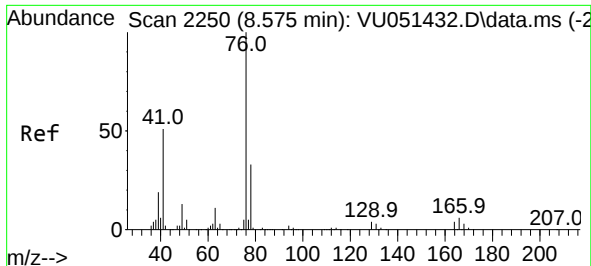
Tgt Ion:	75	Resp:	41174
Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.1	37.7
39	38.6	31.4	47.0



#52
 1,1,2-Trichloroethane
 Concen: 1.916 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. 0.003 min
 Lab File: VU051440.D
 Acq: 18 Oct 2022 14:20

Tgt Ion:	97	Resp:	26416
Ion	Ratio	Lower	Upper
97	100		
83	93.0	70.6	105.8
85	59.2	47.0	70.4
99	66.3	49.8	74.8





#53

1,3-Dichloropropane

Concen: 1.963 ug/l

RT: 8.575 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051440.D

Acq: 18 Oct 2022 14:20

Instrument :

MSVOA_U

ClientSampleId :

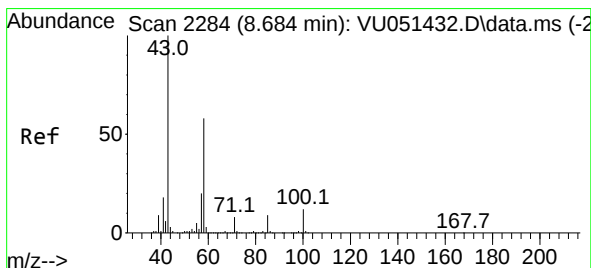
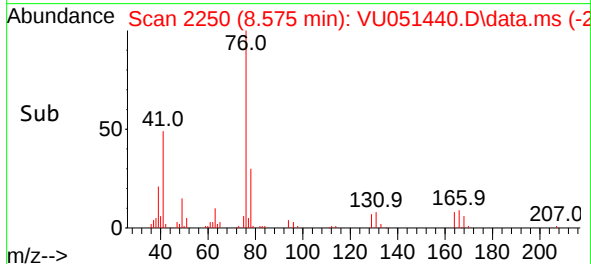
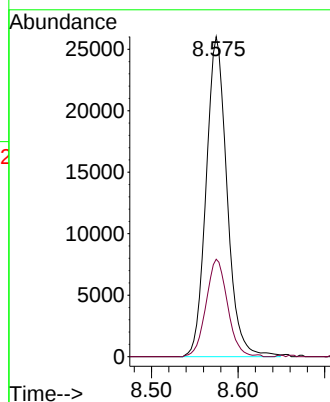
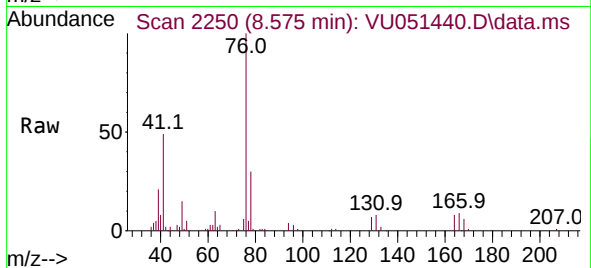
VU1018WBSD01

Tgt Ion: 76 Resp: 43613

Ion Ratio Lower Upper

76 100

78 31.2 26.4 39.6



#54

2-Hexanone

Concen: 9.195 ug/l

RT: 8.684 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VU051440.D

Acq: 18 Oct 2022 14:20

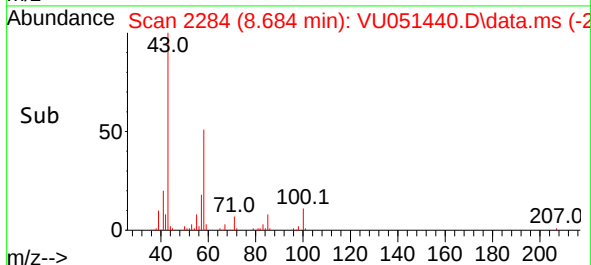
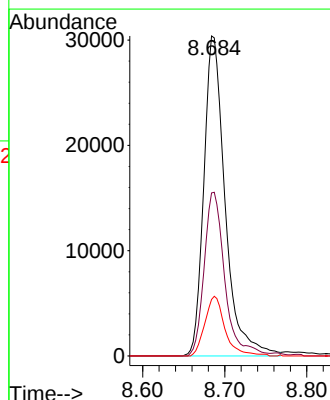
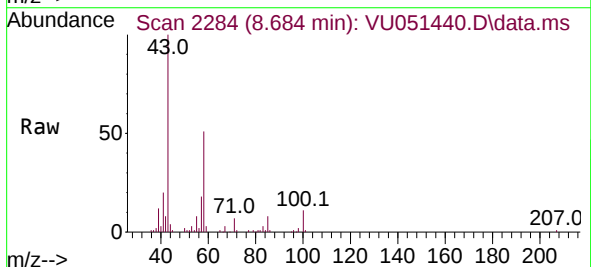
Tgt Ion: 43 Resp: 54934

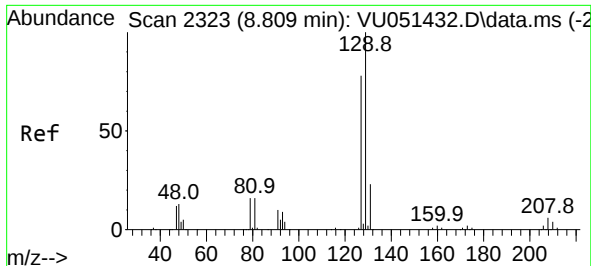
Ion Ratio Lower Upper

43 100

58 49.6 38.0 78.0

57 17.7 0.0 39.9

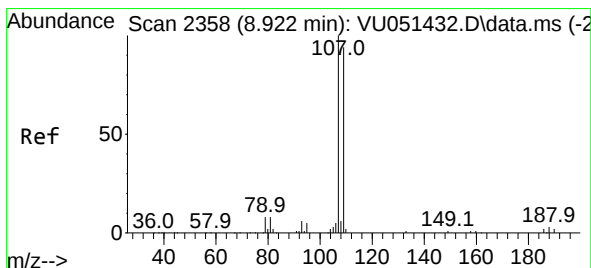
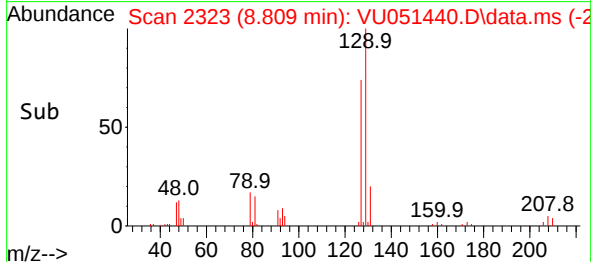
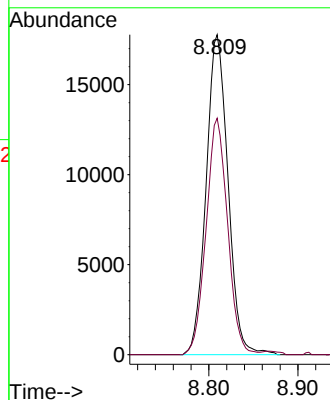
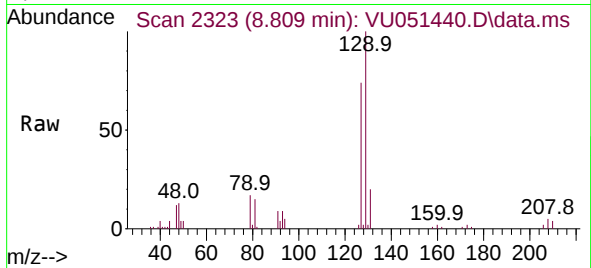




#55
Dibromochloromethane
Concen: 2.020 ug/l
RT: 8.809 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

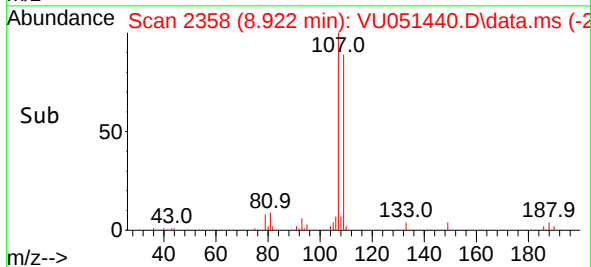
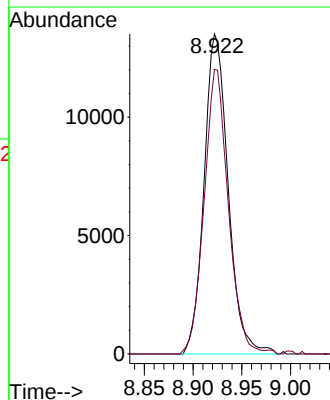
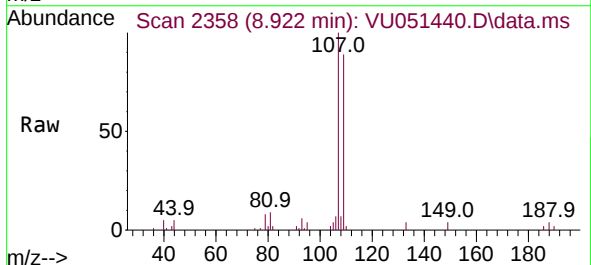
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBSD01

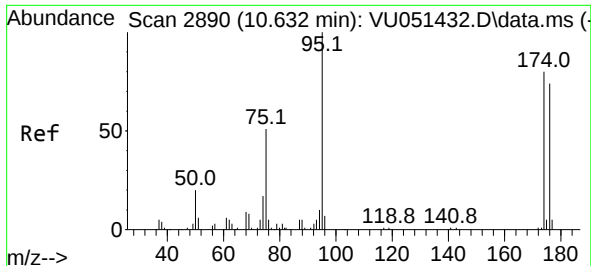
Tgt Ion:129 Resp: 30289
Ion Ratio Lower Upper
129 100
127 72.8 62.1 93.1



#56
1,2-Dibromoethane
Concen: 1.919 ug/l
RT: 8.922 min Scan# 2358
Delta R.T. 0.000 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

Tgt Ion:107 Resp: 23261
Ion Ratio Lower Upper
107 100
109 89.2 0.0 190.6

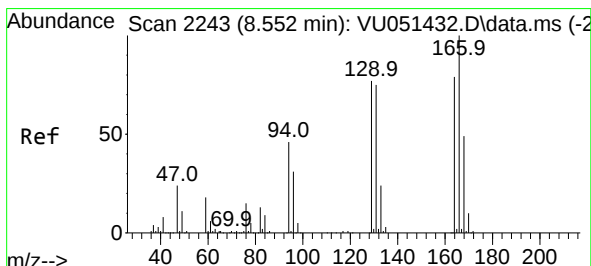
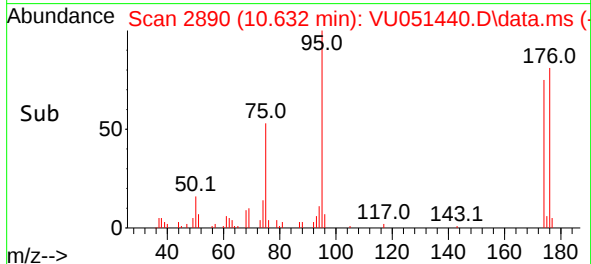
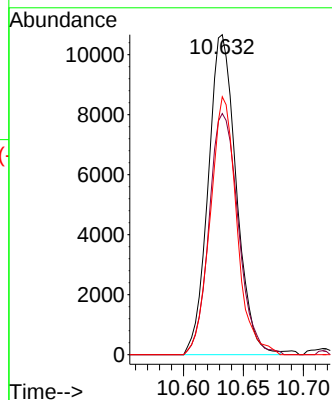
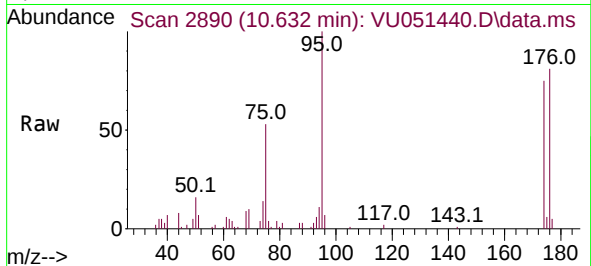




#57
4-Bromofluorobenzene
Concen: 0.959 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

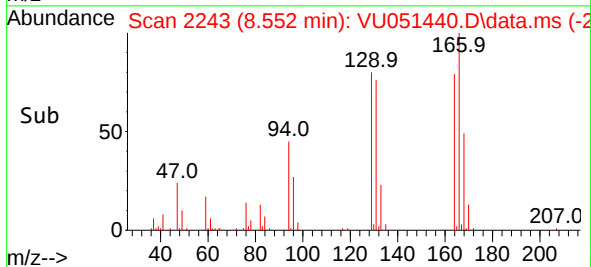
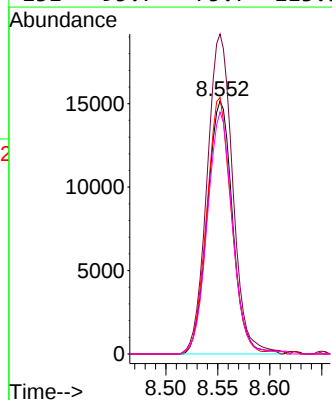
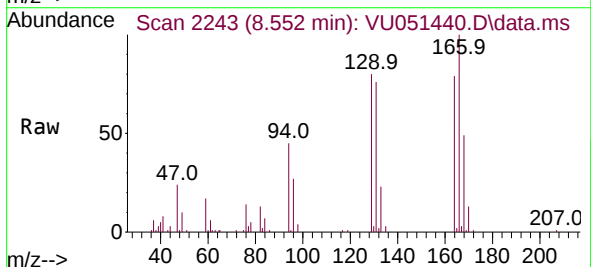
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBSD01

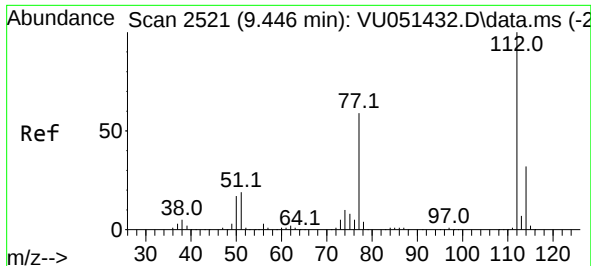
Tgt Ion: 95 Resp: 17356
Ion Ratio Lower Upper
95 100
174 78.8 63.0 94.6
176 76.3 59.8 89.6



#58
Tetrachloroethene
Concen: 1.853 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

Tgt Ion: 164 Resp: 25703
Ion Ratio Lower Upper
164 100
166 126.5 100.9 151.3
129 101.4 77.5 116.3
131 95.7 75.7 113.5





#59

Chlorobenzene

Concen: 1.789 ug/l

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU051440.D

Acq: 18 Oct 2022 14:20

Instrument :

MSVOA_U

ClientSampleId :

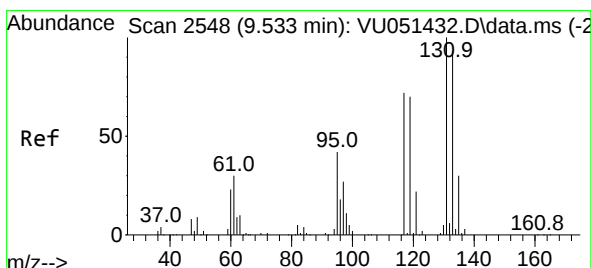
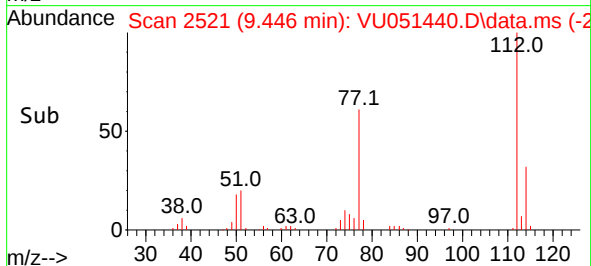
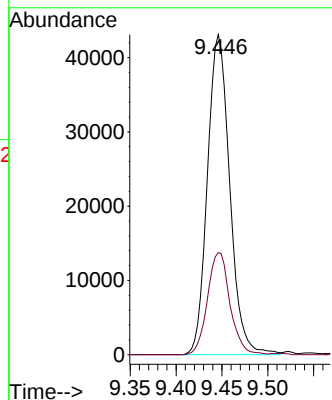
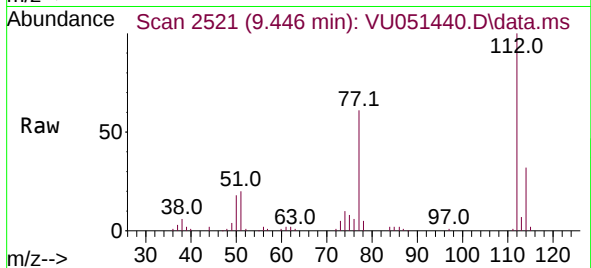
VU1018WBSD01

Tgt Ion:112 Resp: 73055

Ion Ratio Lower Upper

112 100

114 31.9 25.8 38.6



#60

1,1,1,2-Tetrachloroethane

Concen: 1.921 ug/l

RT: 9.533 min Scan# 2548

Delta R.T. 0.000 min

Lab File: VU051440.D

Acq: 18 Oct 2022 14:20

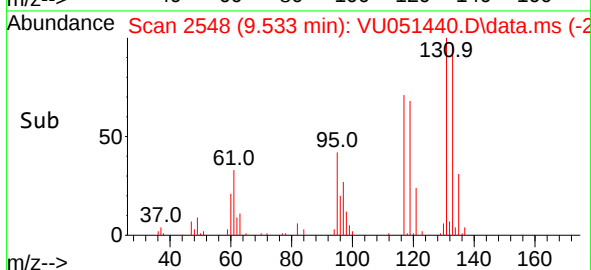
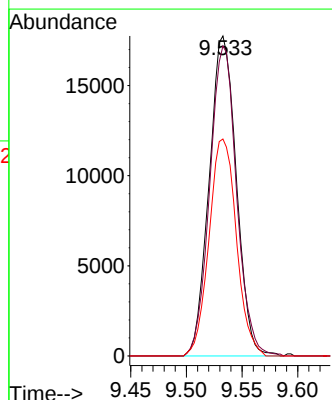
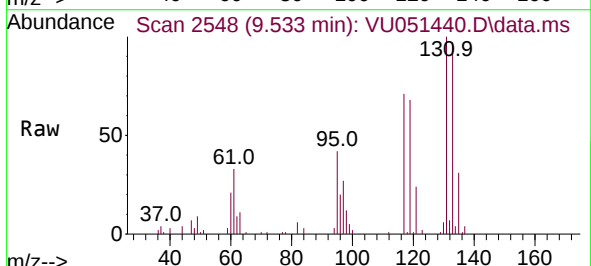
Tgt Ion:131 Resp: 30048

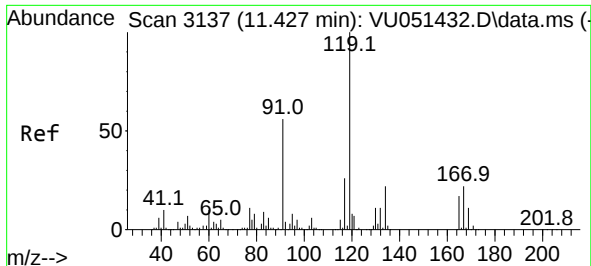
Ion Ratio Lower Upper

131 100

133 96.0 76.5 114.7

119 68.4 56.5 84.7

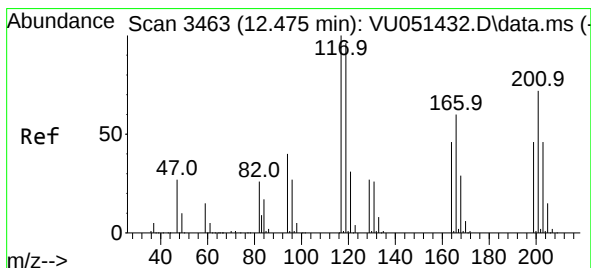
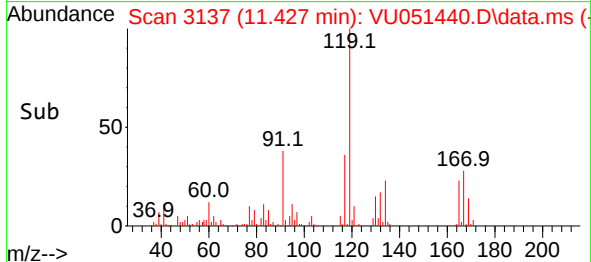
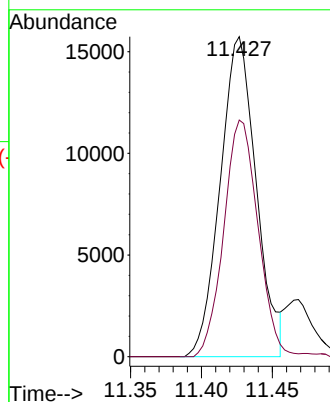
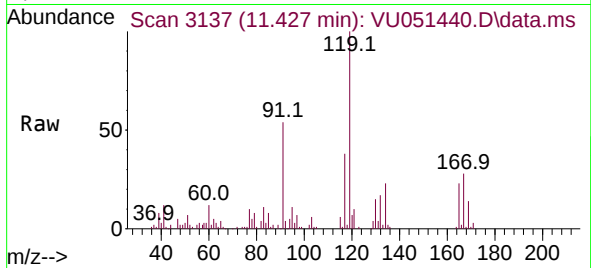




#61
 Pentachloroethane
 Concen: 1.996 ug/l
 RT: 11.427 min Scan# 3137
 Delta R.T. -0.000 min
 Lab File: VU051440.D
 Acq: 18 Oct 2022 14:20

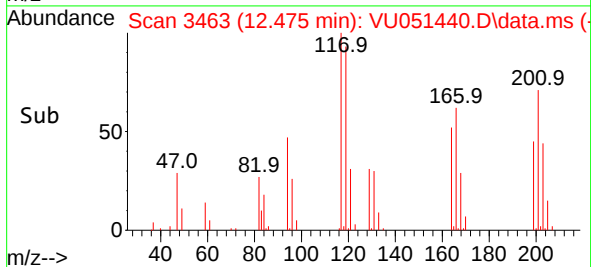
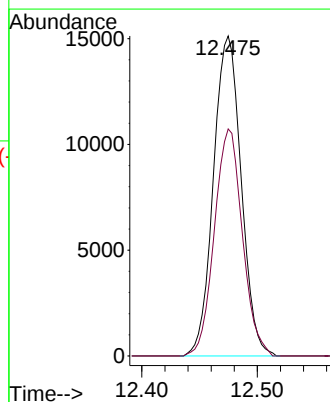
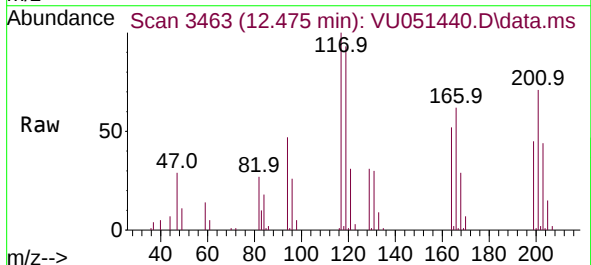
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1018WBSD01

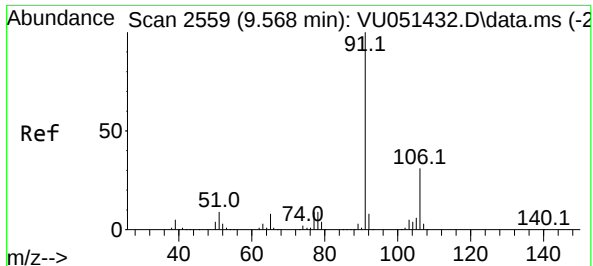
Tgt Ion:117 Resp: 27821
 Ion Ratio Lower Upper
 117 100
 167 70.2 63.3 94.9



#62
 Hexachloroethane
 Concen: 1.907 ug/l
 RT: 12.475 min Scan# 3463
 Delta R.T. 0.000 min
 Lab File: VU051440.D
 Acq: 18 Oct 2022 14:20

Tgt Ion:117 Resp: 25252
 Ion Ratio Lower Upper
 117 100
 201 71.5 57.4 86.2

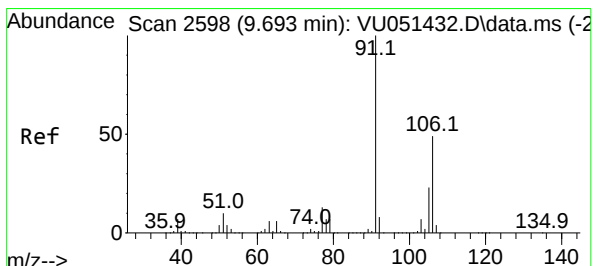
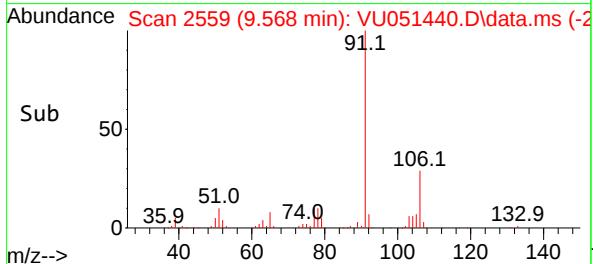
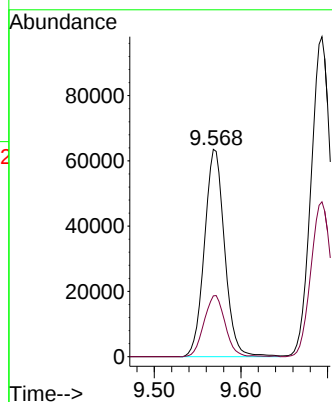
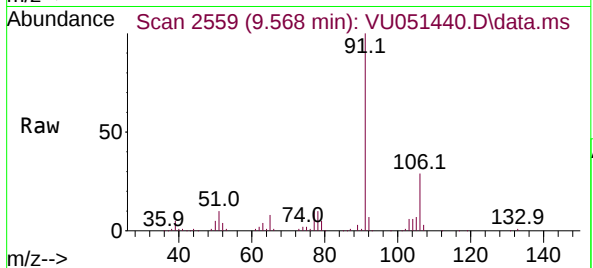




#63
Ethyl Benzene
Concen: 1.840 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

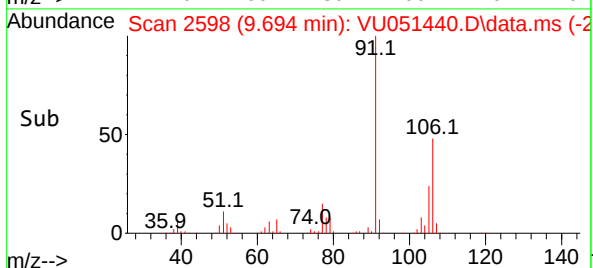
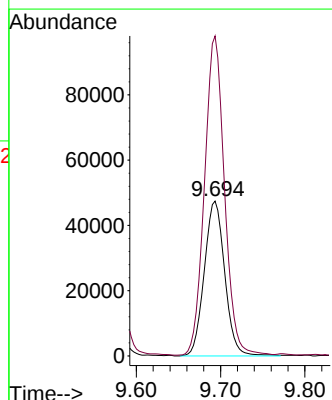
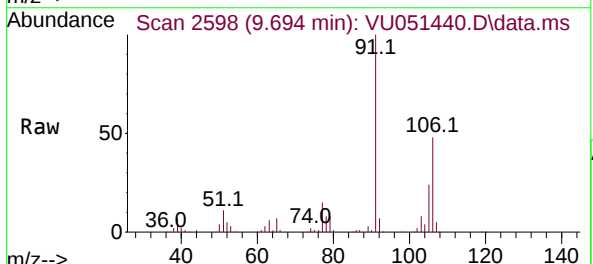
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBSD01

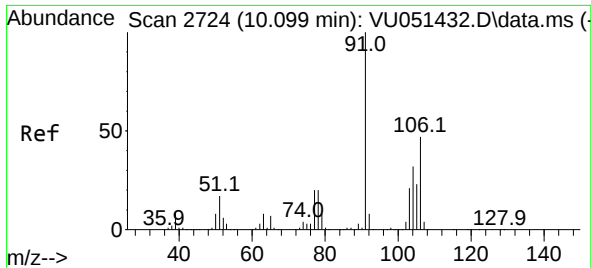
Tgt Ion: 91 Resp: 102987
Ion Ratio Lower Upper
91 100
106 29.3 24.9 37.3



#64
m/p-Xylenes
Concen: 3.489 ug/l
RT: 9.694 min Scan# 2598
Delta R.T. 0.001 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

Tgt Ion: 106 Resp: 80387
Ion Ratio Lower Upper
106 100
91 201.0 163.2 244.8

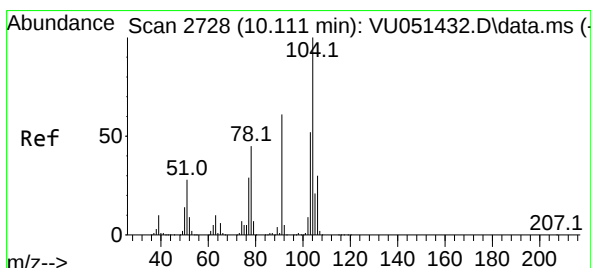
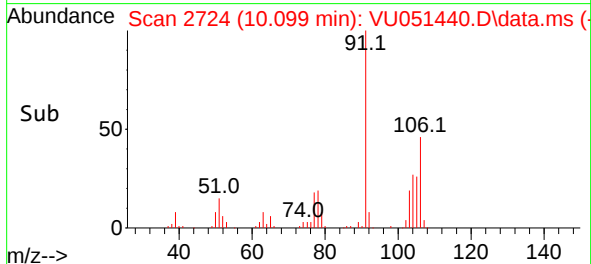
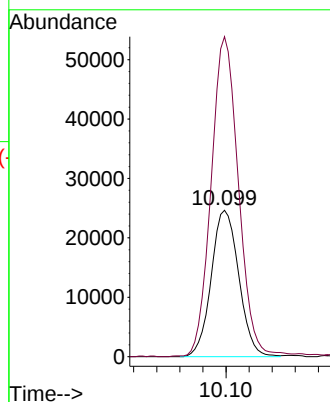
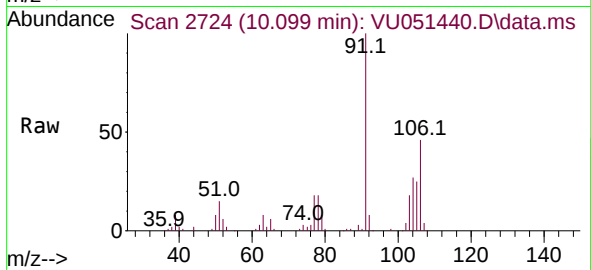




#65
o-Xylene
Concen: 1.812 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

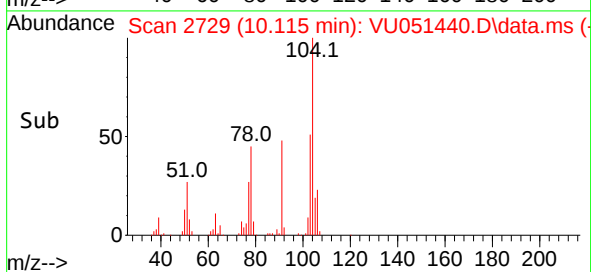
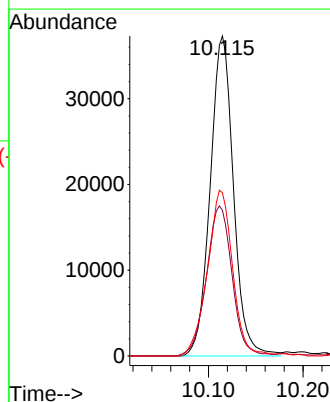
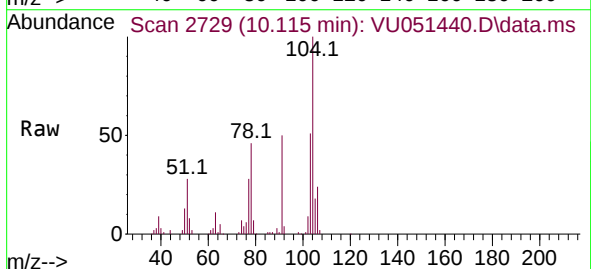
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBSD01

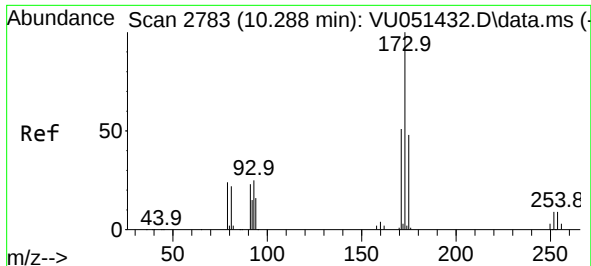
Tgt Ion:106 Resp: 40839
Ion Ratio Lower Upper
106 100
91 217.0 107.1 321.3



#66
Styrene
Concen: 1.740 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.004 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

Tgt Ion:104 Resp: 63899
Ion Ratio Lower Upper
104 100
78 51.5 39.7 59.5
103 55.8 44.4 66.6

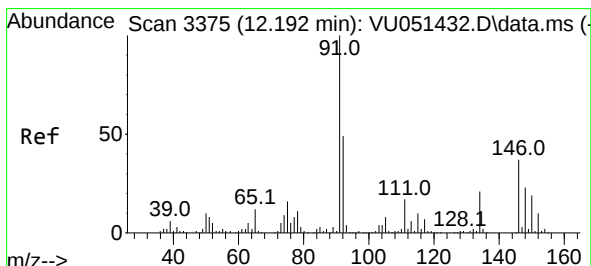
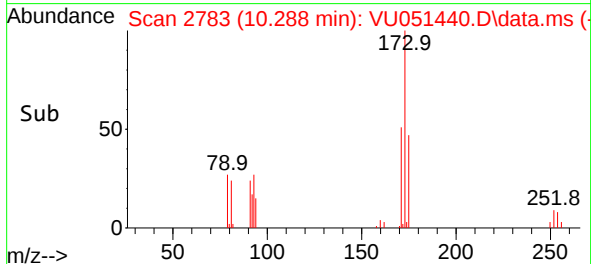
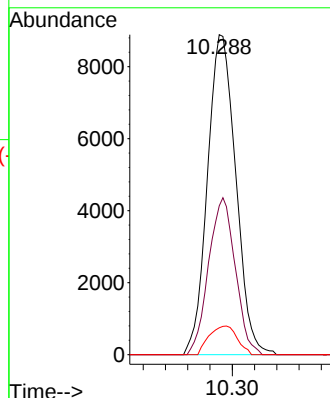
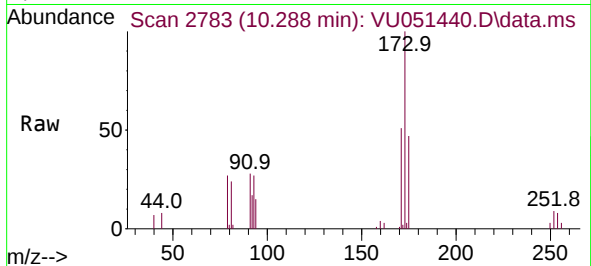




#67
Bromoform
Concen: 1.864 ug/l
RT: 10.288 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

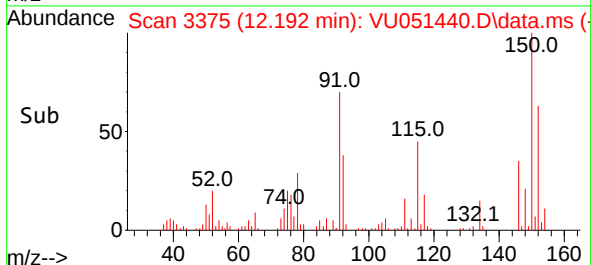
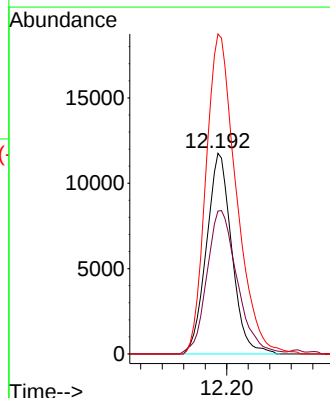
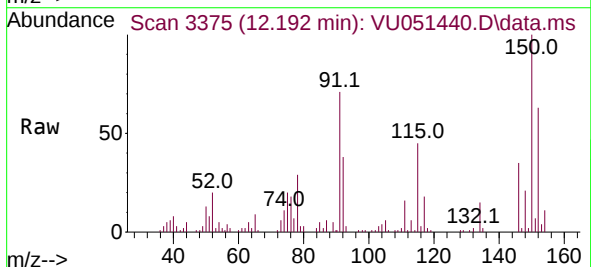
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBSD01

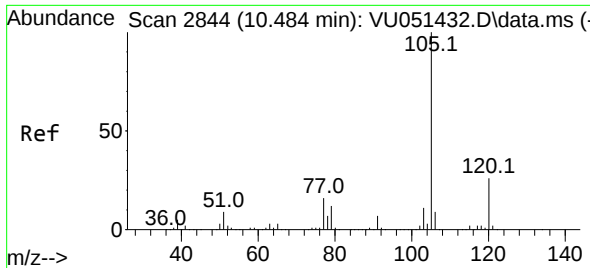
Tgt Ion:173 Resp: 15685
Ion Ratio Lower Upper
173 100
175 46.2 38.6 58.0
254 8.9 7.3 10.9



#68
1,2-Dichlorobenzene-d4
Concen: 0.948 ug/l
RT: 12.192 min Scan# 3375
Delta R.T. 0.000 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

Tgt Ion:152 Resp: 19159
Ion Ratio Lower Upper
152 100
115 86.1 0.0 333.0
150 190.9 0.0 662.0

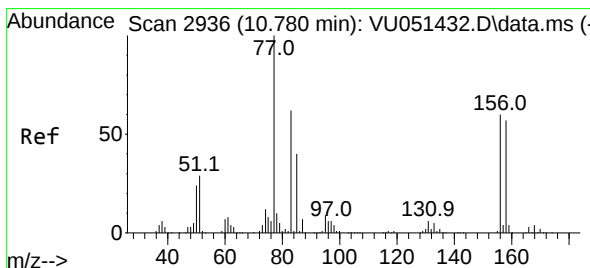
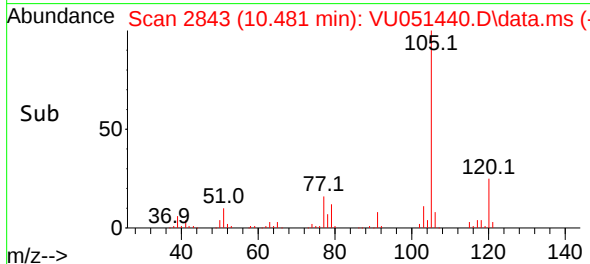
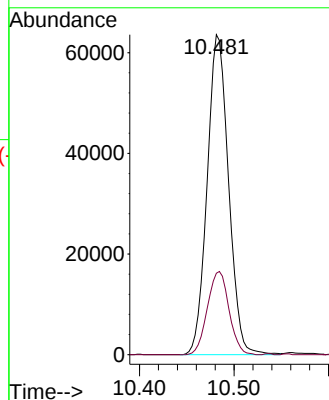
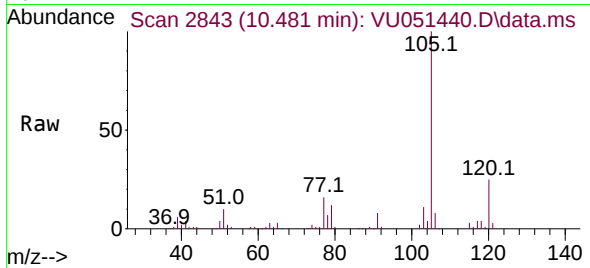




#69
Isopropylbenzene
Concen: 1.838 ug/l
RT: 10.481 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

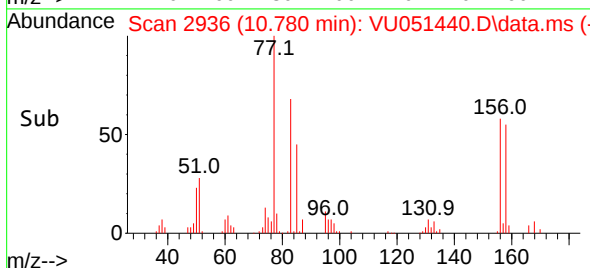
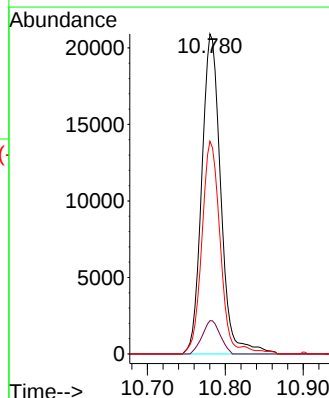
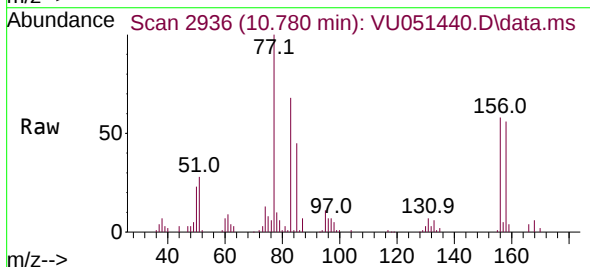
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBSD01

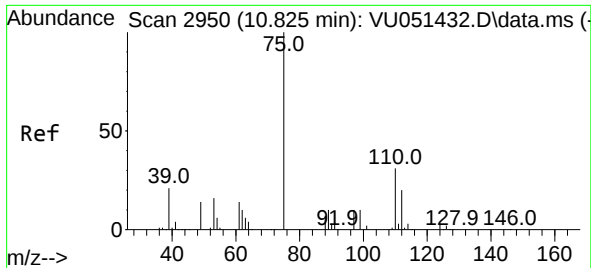
Tgt Ion:105 Resp: 100117
Ion Ratio Lower Upper
105 100
120 26.2 13.0 39.0



#70
1,1,2,2-Tetrachloroethane
Concen: 1.899 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

Tgt Ion: 83 Resp: 35401
Ion Ratio Lower Upper
83 100
131 9.9 7.2 10.8
85 62.9 51.4 77.2

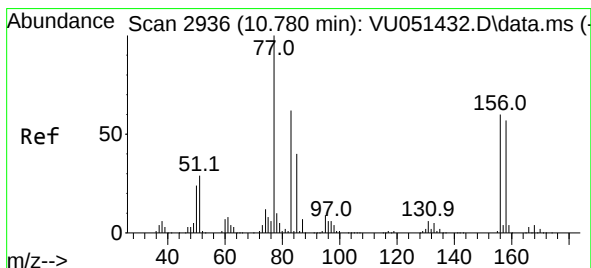
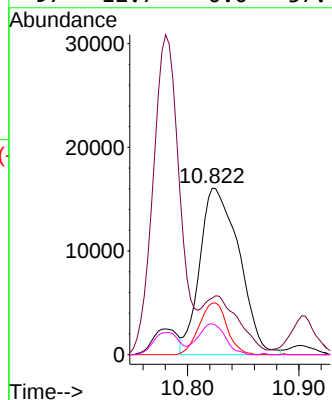
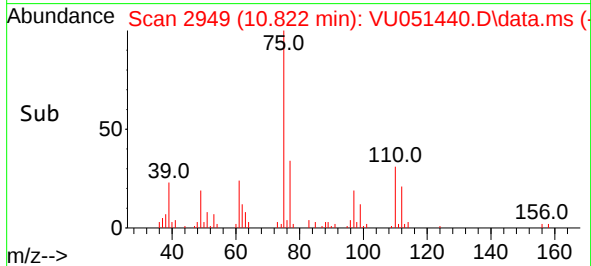
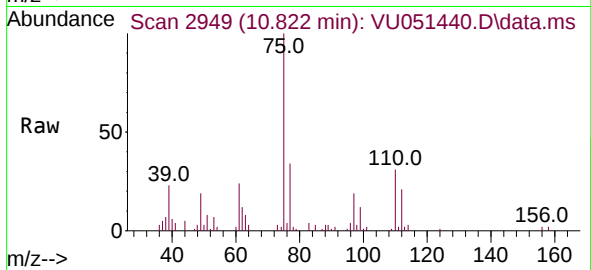




#71
1,2,3-Trichloropropane
Concen: 2.845 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

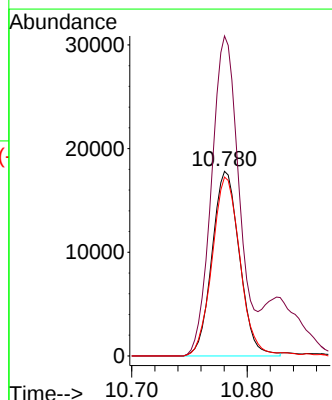
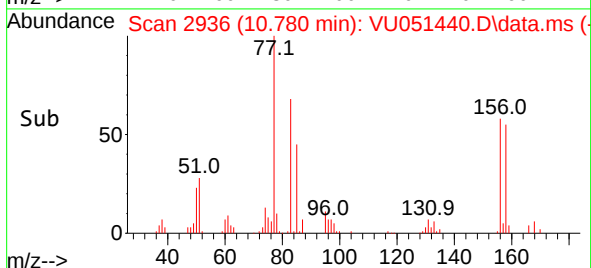
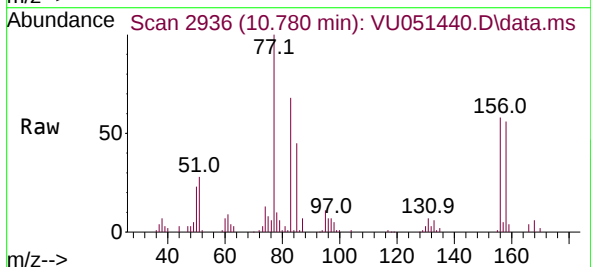
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBSD01

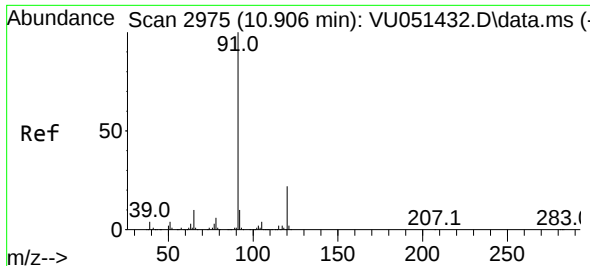
Tgt Ion: 75	Resp:	39411
Ion Ratio	Lower	Upper
75	100	
77	0.0	111.0
110	21.9	70.2
97	12.7	37.4



#72
Bromobenzene
Concen: 1.813 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

Tgt Ion: 156	Resp:	29441
Ion Ratio	Lower	Upper
156	100	
77	173.9	343.4
158	98.9	195.6

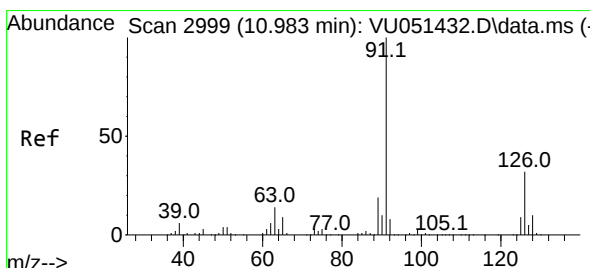
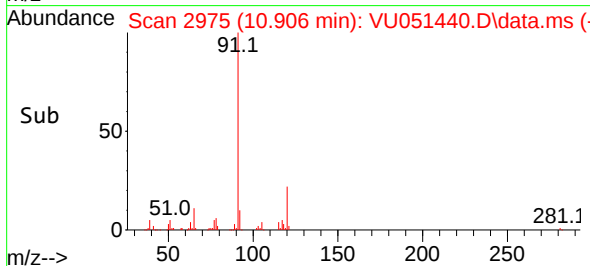
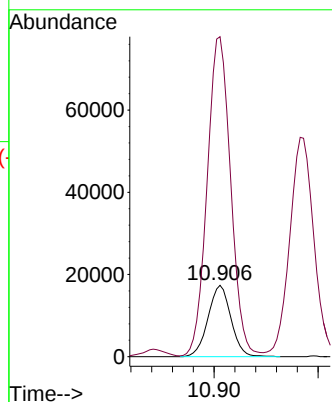
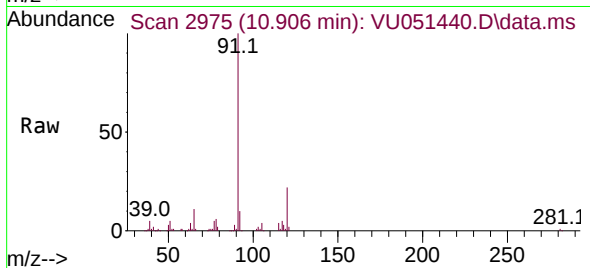




#73
n-propylbenzene
Concen: 1.751 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

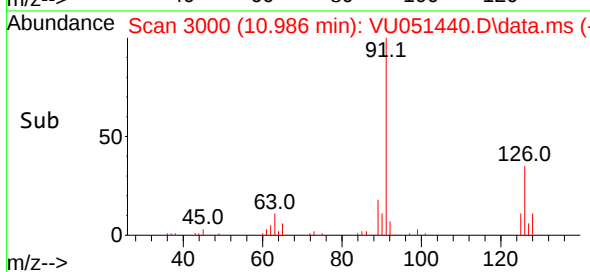
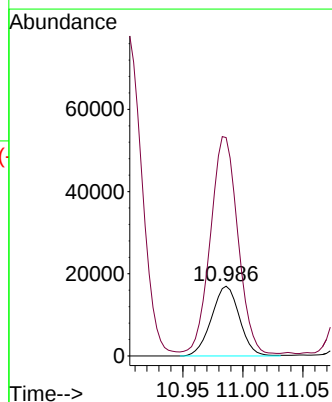
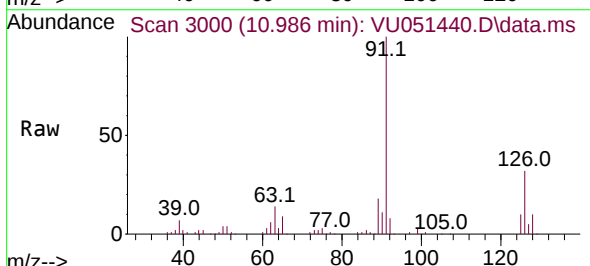
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBSD01

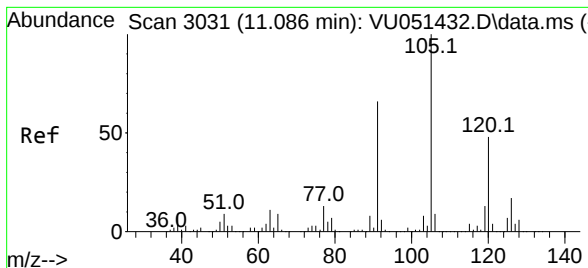
Tgt Ion:120 Resp: 26507
Ion Ratio Lower Upper
120 100
91 459.9 362.3 543.5



#74
2-Chlorotoluene
Concen: 1.741 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.003 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

Tgt Ion:126 Resp: 27512
Ion Ratio Lower Upper
126 100
91 305.3 0.0 623.2





#75

1,3,5-Trimethylbenzene

Concen: 1.712 ug/l

RT: 11.086 min Scan# 3031

Delta R.T. -0.000 min

Lab File: VU051440.D

Acq: 18 Oct 2022 14:20

Instrument :

MSVOA_U

ClientSampleId :

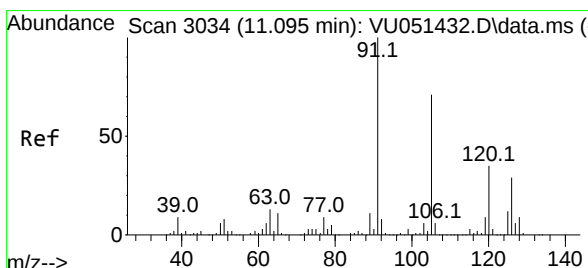
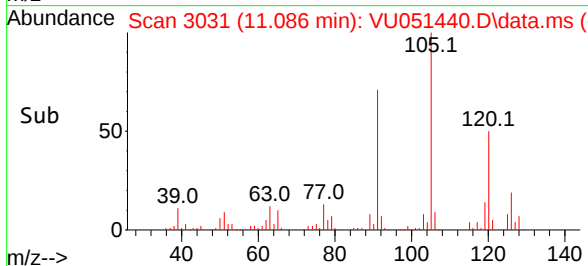
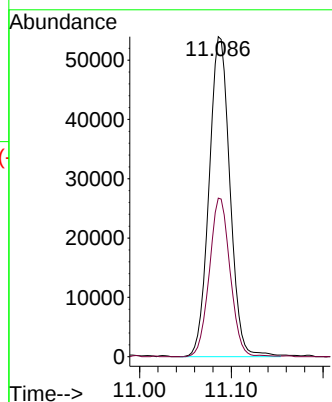
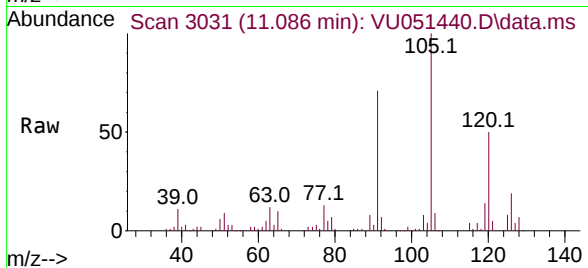
VU1018WBSD01

Tgt Ion:105 Resp: 85336

Ion Ratio Lower Upper

105 100

120 49.3 38.2 57.4



#76

4-Chlorotoluene

Concen: 1.754 ug/l

RT: 11.099 min Scan# 3035

Delta R.T. 0.004 min

Lab File: VU051440.D

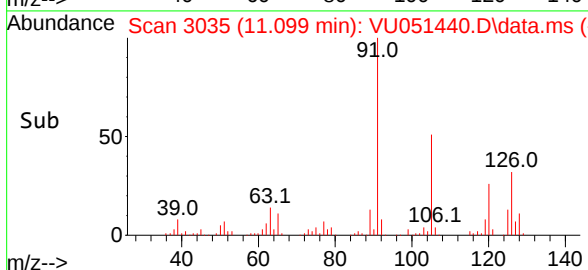
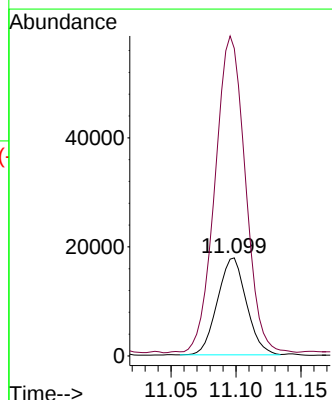
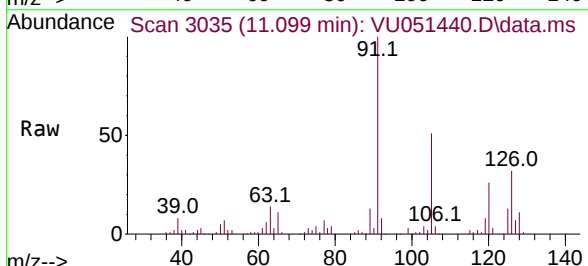
Acq: 18 Oct 2022 14:20

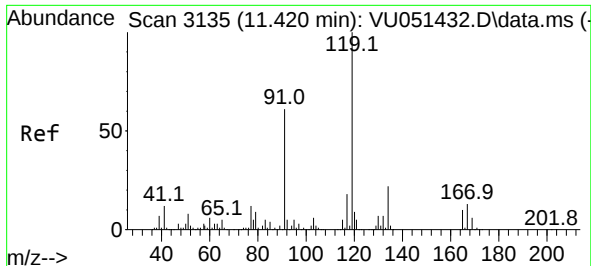
Tgt Ion:126 Resp: 27551

Ion Ratio Lower Upper

126 100

91 341.4 0.0 717.6

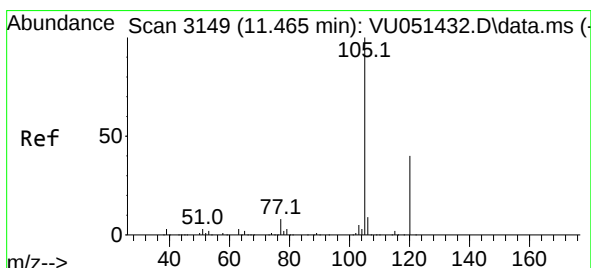
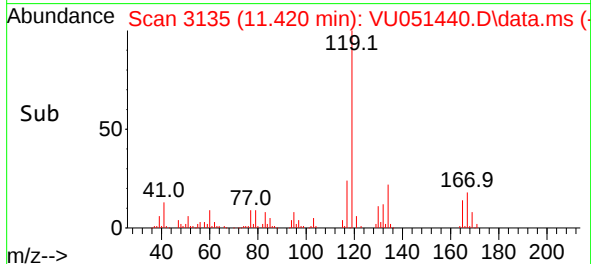
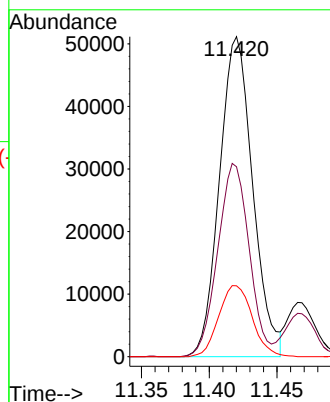
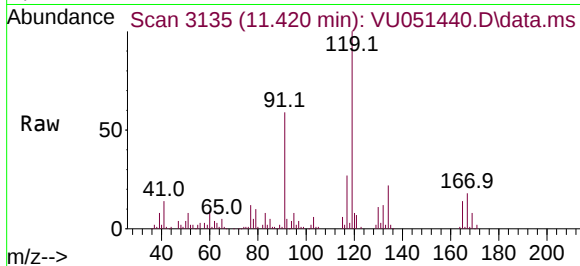




#77
tert-Butylbenzene
Concen: 1.667 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

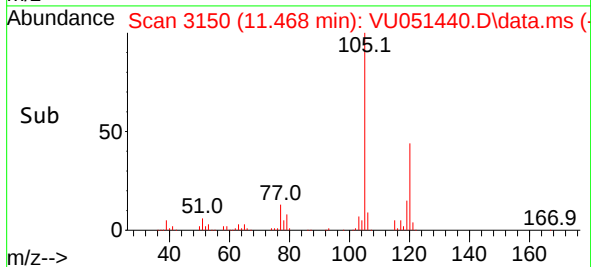
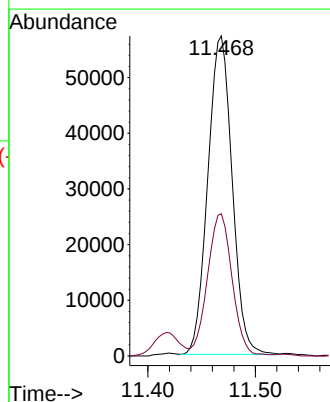
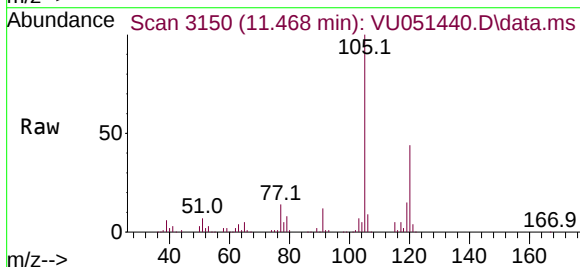
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBSD01

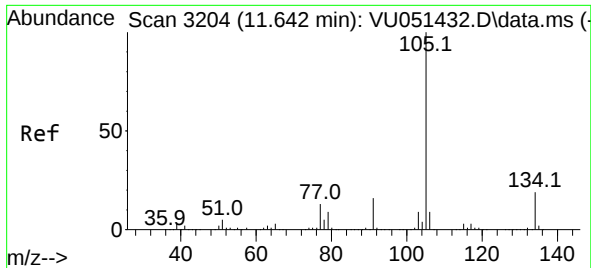
Tgt Ion:	119	Resp:	87267
Ion	Ratio	Lower	Upper
119	100		
91	57.1	29.8	89.5
134	22.4	17.9	26.9



#78
1,2,4-Trimethylbenzene
Concen: 1.737 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

Tgt Ion:	105	Resp:	89901
Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.1	66.3

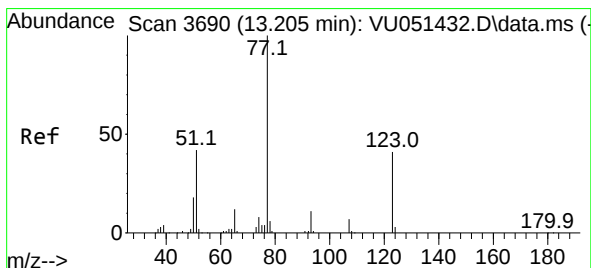
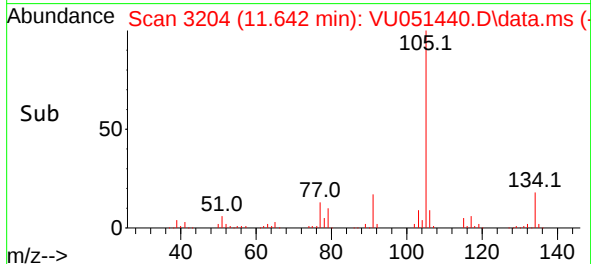
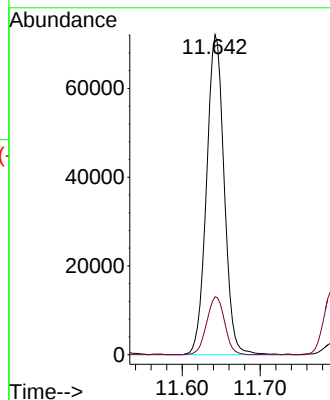
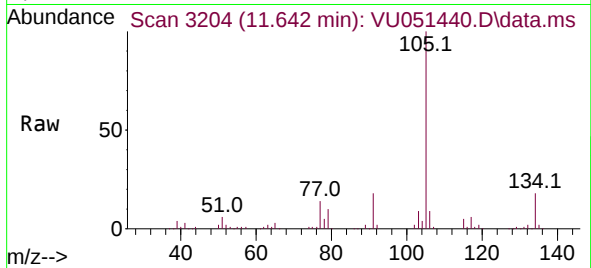




#79
 sec-Butylbenzene
 Concen: 1.759 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU051440.D
 Acq: 18 Oct 2022 14:20

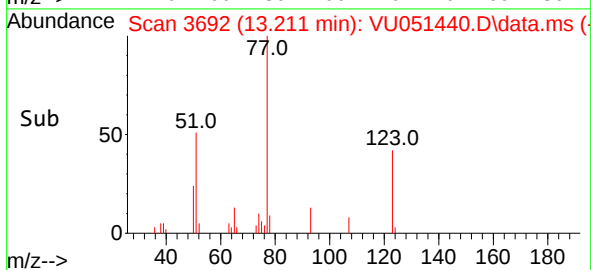
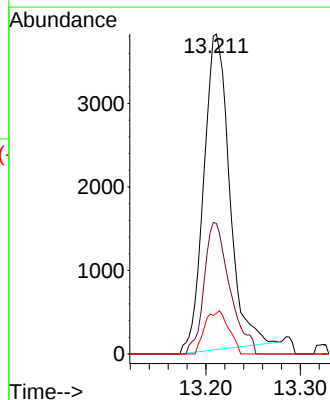
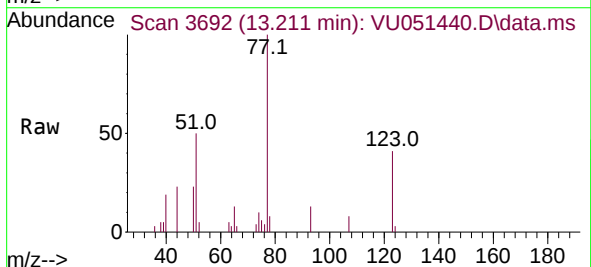
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1018WBSD01

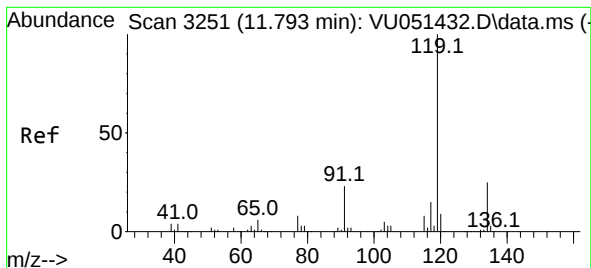
Tgt Ion:105 Resp: 113436
 Ion Ratio Lower Upper
 105 100
 134 18.5 15.2 22.8



#80
 Nitrobenzene
 Concen: 7.727 ug/l
 RT: 13.211 min Scan# 3692
 Delta R.T. 0.006 min
 Lab File: VU051440.D
 Acq: 18 Oct 2022 14:20

Tgt Ion: 77 Resp: 7134
 Ion Ratio Lower Upper
 77 100
 123 41.6 17.5 62.1
 65 12.7 11.1 14.1





#81

p-Isopropyltoluene

Concen: 1.730 ug/l

RT: 11.793 min Scan# 3251

Delta R.T. 0.000 min

Lab File: VU051440.D

Acq: 18 Oct 2022 14:20

Instrument :

MSVOA_U

ClientSampleId :

VU1018WBSD01

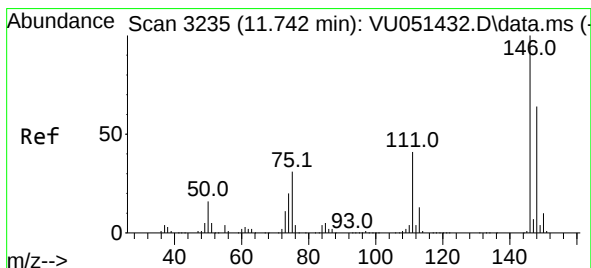
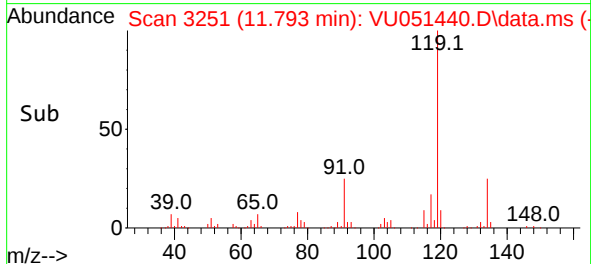
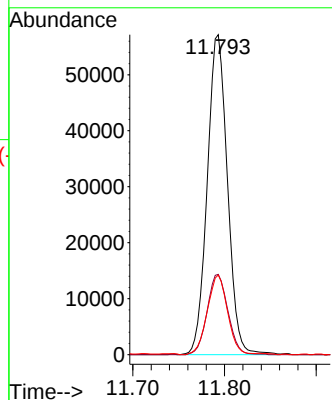
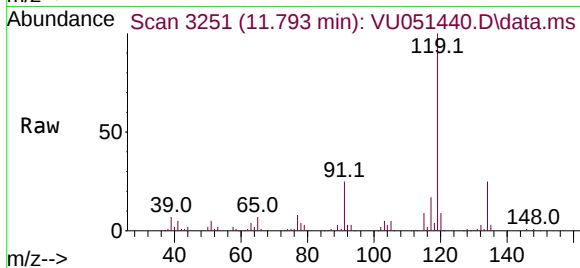
Tgt Ion:119 Resp: 87411

Ion Ratio Lower Upper

119 100

134 25.8 20.3 30.5

91 24.9 18.6 27.8



#82

1,3-Dichlorobenzene

Concen: 1.850 ug/l

RT: 11.745 min Scan# 3236

Delta R.T. 0.003 min

Lab File: VU051440.D

Acq: 18 Oct 2022 14:20

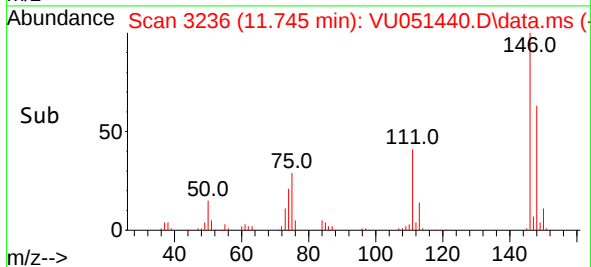
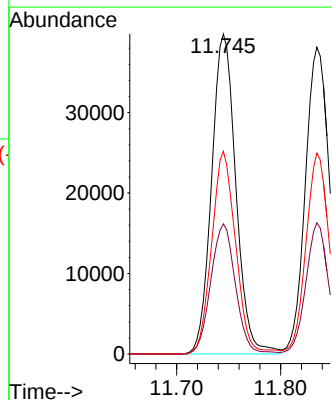
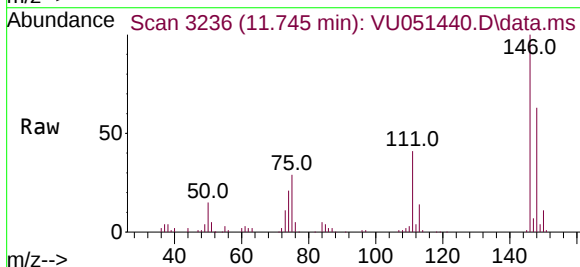
Tgt Ion:146 Resp: 64523

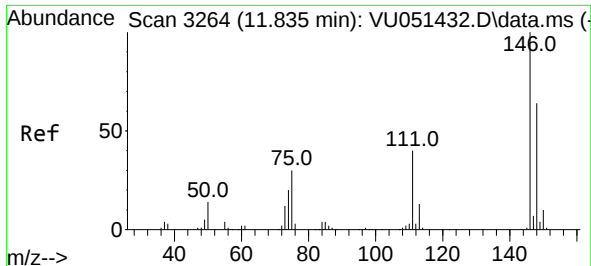
Ion Ratio Lower Upper

146 100

111 41.3 33.4 50.0

148 62.7 51.0 76.6

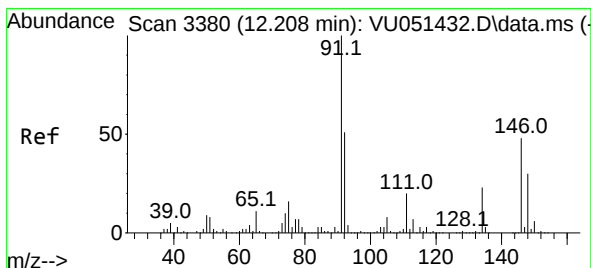
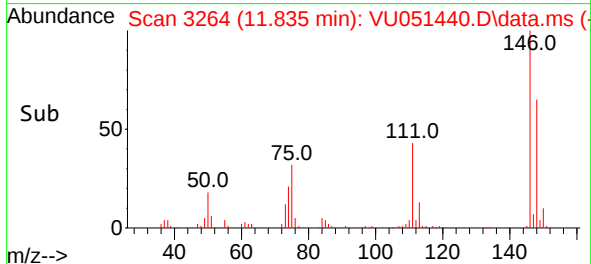
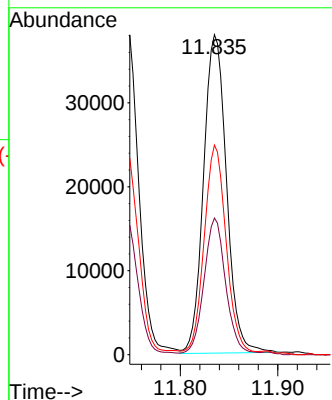
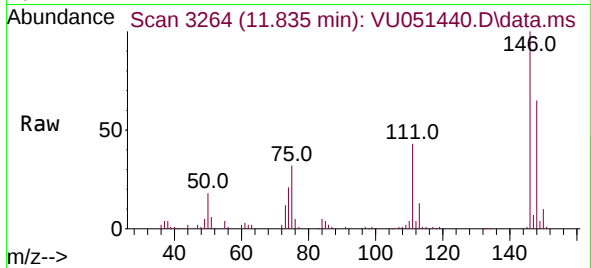




#83
1,4-Dichlorobenzene
Concen: 1.818 ug/l
RT: 11.835 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

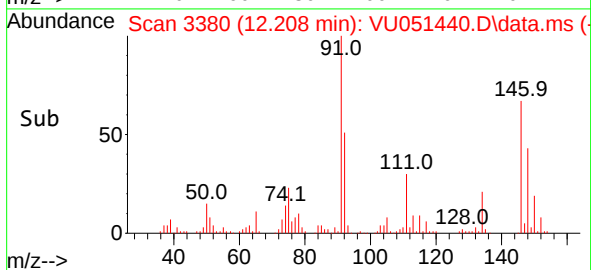
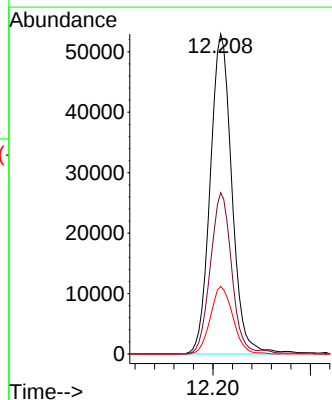
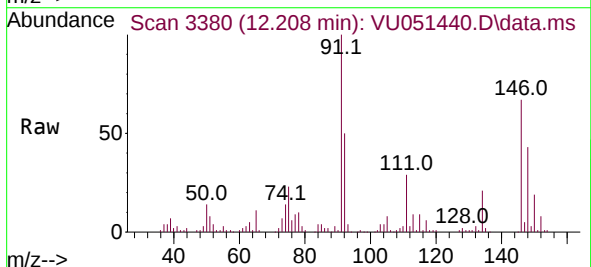
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBSD01

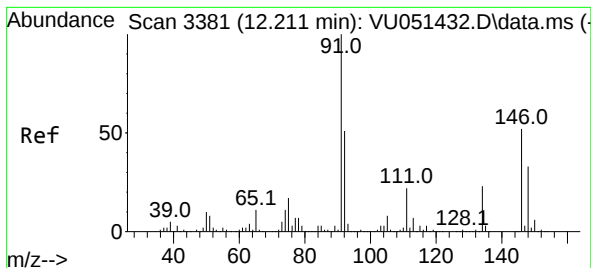
Tgt Ion:146 Resp: 62054
Ion Ratio Lower Upper
146 100
111 39.7 31.6 47.4
148 61.6 50.5 75.7



#84
n-Butylbenzene
Concen: 1.701 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

Tgt Ion: 91 Resp: 81615
Ion Ratio Lower Upper
91 100
92 49.4 40.6 61.0
134 21.9 18.3 27.5





#85

1,2-Dichlorobenzene

Concen: 1.795 ug/l

RT: 12.211 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU051440.D

Acq: 18 Oct 2022 14:20

Instrument :

MSVOA_U

ClientSampleId :

VU1018WBSD01

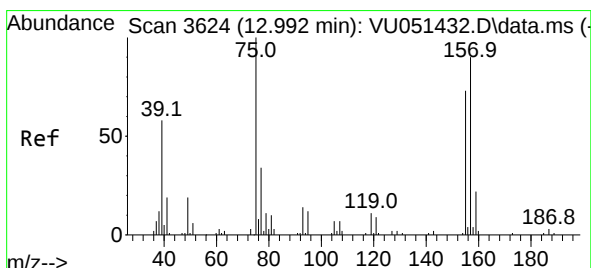
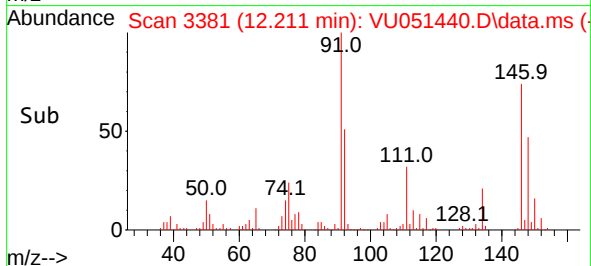
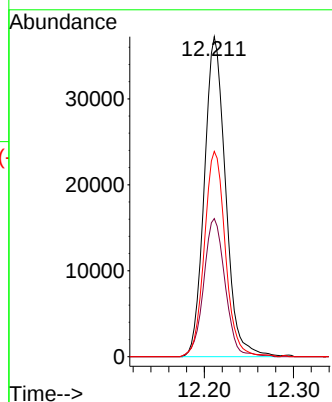
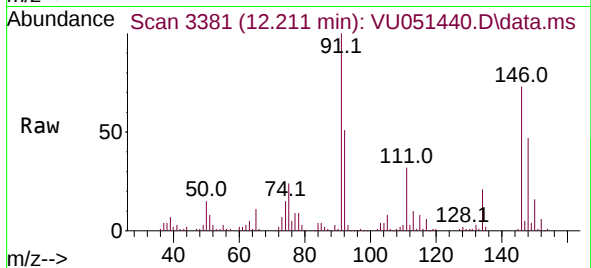
Tgt Ion:146 Resp: 61692

Ion Ratio Lower Upper

146 100

111 43.5 21.3 63.9

148 63.5 31.8 95.4



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.657 ug/l

RT: 12.996 min Scan# 3625

Delta R.T. 0.003 min

Lab File: VU051440.D

Acq: 18 Oct 2022 14:20

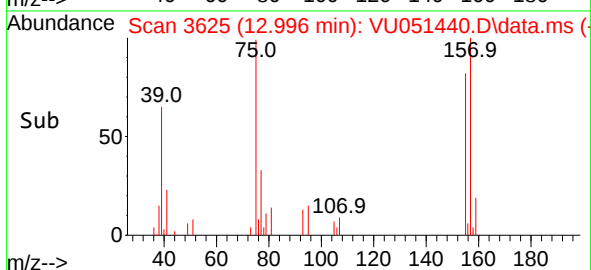
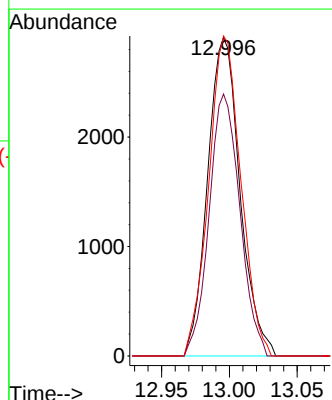
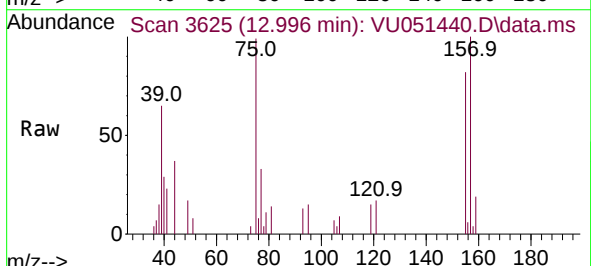
Tgt Ion: 75 Resp: 4831

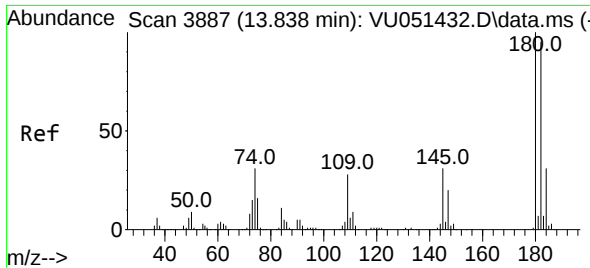
Ion Ratio Lower Upper

75 100

155 78.2 58.5 87.7

157 99.9 75.3 112.9

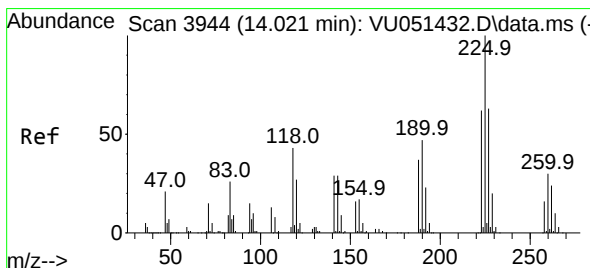
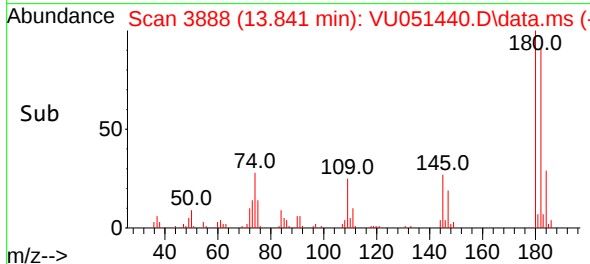
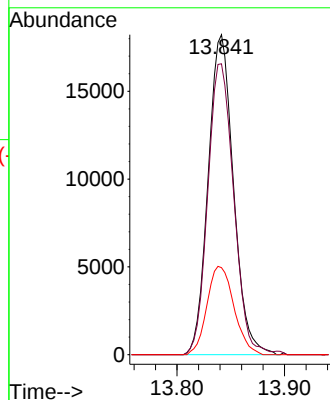
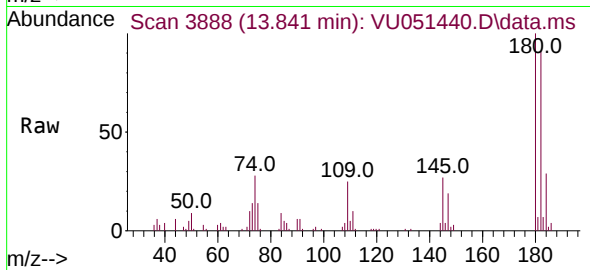




#87
1,2,4-Trichlorobenzene
Concen: 1.598 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

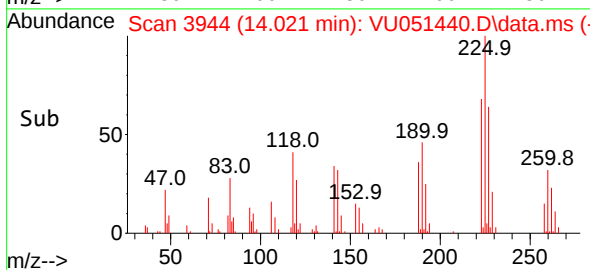
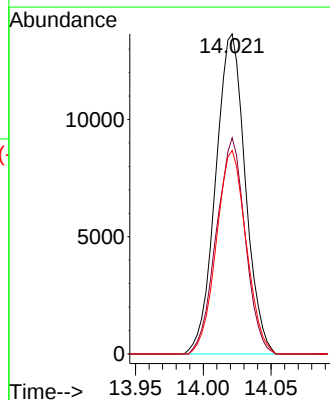
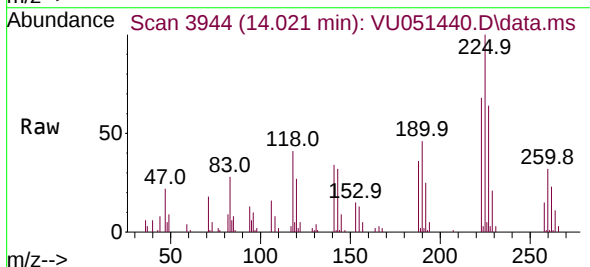
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBSD01

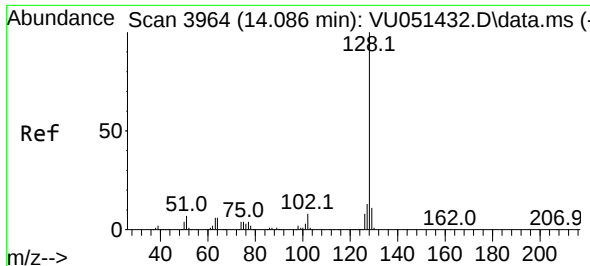
Tgt Ion:180 Resp: 29759
Ion Ratio Lower Upper
180 100
182 93.0 75.9 113.9
145 29.5 24.9 37.3



#88
Hexachlorobutadiene
Concen: 1.711 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

Tgt Ion:225 Resp: 20770
Ion Ratio Lower Upper
225 100
223 65.6 50.1 75.1
227 63.8 51.4 77.2

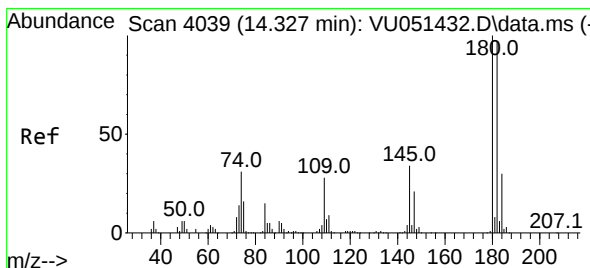
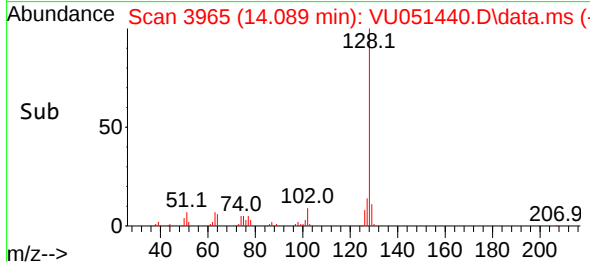
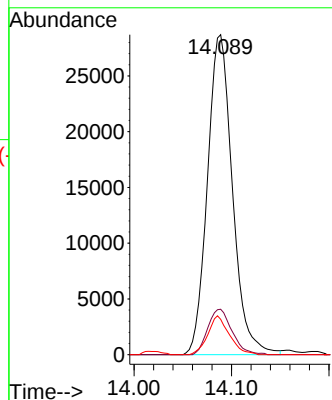
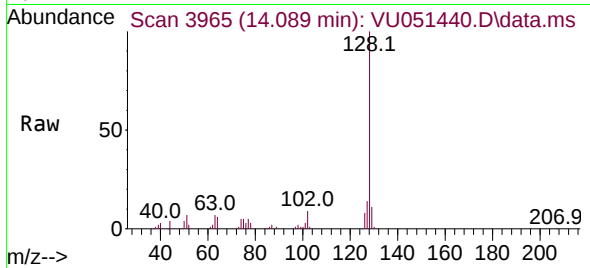




#89
Naphthalene
Concen: 1.317 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

Instrument :
MSVOA_U
ClientSampleId :
VU1018WBSD01

Tgt Ion:128	Resp:	51298
Ion Ratio	Lower	Upper
128	100	
127	13.8	10.7 16.1
129	10.4	8.4 12.6



#90
1,2,3-Trichlorobenzene
Concen: 1.431 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU051440.D
Acq: 18 Oct 2022 14:20

Tgt Ion:180	Resp:	29146
Ion Ratio	Lower	Upper
180	100	
182	96.2	75.8 113.6
145	33.3	26.6 39.8

