

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110322\
 Data File : VU051747.D
 Acq On : 03 Nov 2022 20:47
 Operator : JC/MD
 Sample : N5407-15MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4Z2MSD

Quant Time: Nov 04 00:54:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 04 00:49:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	192246	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	202498	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	115188	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	57051	3.940	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.800%
7) Chloroethane-d5	1.909	69	54055	3.580	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.600%
11) 1,1-Dichloroethene-d2	2.562	65	22844	4.347	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	4.620	46	183121	34.922	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.840%
24) Chloroform-d	5.060	84	137914	4.070	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
26) 1,2-Dichloroethane-d4	5.700	65	66961	3.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
32) Benzene-d6	5.726	84	253176	3.962	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
36) 1,2-Dichloropropane-d6	6.690	67	84690	3.790	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.800%
41) Toluene-d8	7.896	98	229623	4.569	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	8.179	79	28617	4.188	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.629	63	160930	39.128	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.260%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	82304	4.019	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	88760	4.198	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	105638	5.024	ug/L	99
3) Chloromethane	1.527	50	101058	3.813	ug/L	100
5) Vinyl chloride	1.601	62	124506	4.904	ug/L	# 54
6) Bromomethane	1.851	94	15704	1.305	ug/L	100
8) Chloroethane	1.932	64	77066	4.999	ug/L	90
9) Trichlorofluoromethane	2.137	101	145890	5.235	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	86419	5.274	ug/L	98
12) 1,1-Dichloroethene	2.578	96	82324	4.926	ug/L	97
13) Acetone	2.623	43	144190	54.195	ug/L	99
14) Carbon disulfide	2.790	76	257923	4.787	ug/L	99
15) Methyl Acetate	2.948	43	33232	4.771	ug/L	95
16) Methylene chloride	3.044	84	102155	3.732	ug/L	97
17) Methyl tert-butyl Ether	3.359	73	192097	5.013	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	88063	4.910	ug/L	98
19) 1,1-Dichloroethane	3.867	63	170790	5.162	ug/L	98
21) 2-Butanone	4.700	43	229315	55.038	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	98122	4.944	ug/L	99
23) Bromochloromethane	4.973	128	47444	5.113	ug/L	92
25) Chloroform	5.086	83	178026	5.187	ug/L	99

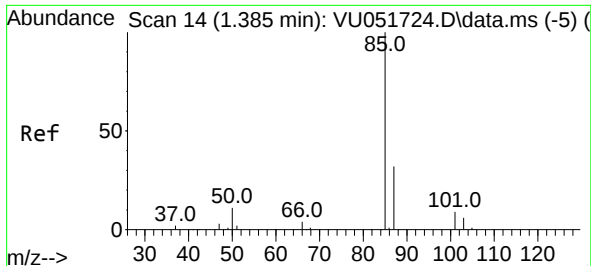
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	106740	5.054	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	140425	5.108	ug/L	100
30) Cyclohexane	5.385	56	120196	4.748	ug/L	99
31) Carbon tetrachloride	5.523	117	118203	5.027	ug/L	100
33) Benzene	5.771	78	391854	4.904	ug/L	100
34) Trichloroethene	6.539	95	92005	4.771	ug/L	97
35) Methylcyclohexane	6.761	83	127866	4.795	ug/L	100
37) 1,2-Dichloropropane	6.790	63	103260	5.024	ug/L	100
38) Bromodichloromethane	7.105	83	127634	5.084	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	125488	4.759	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	557752	54.102	ug/L	100
42) Toluene	7.967	91	430167	5.242	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	110914	5.033	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	77258	5.130	ug/L	98
47) Tetrachloroethene	8.552	164	72696	4.922	ug/L	97
48) 2-Hexanone	8.681	43	415671	54.472	ug/L	99
49) Dibromochloromethane	8.809	129	87991	5.114	ug/L	97
50) 1,2-Dibromoethane	8.922	107	68762	5.060	ug/L	95
51) Chlorobenzene	9.446	112	258597	5.006	ug/L	99
52) Ethylbenzene	9.568	91	391775	4.948	ug/L	99
53) m,p-Xylene	9.693	106	156029	5.073	ug/L	100
54) o-Xylene	10.099	106	152556	5.075	ug/L	99
55) Styrene	10.111	104	262399	5.221	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	100397	5.376	ug/L	98
59) Bromoform	10.288	173	50906	4.783	ug/L	97
60) Isopropylbenzene	10.481	105	388072	4.615	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	67796	4.551	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	96439	4.260	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	282044	4.321	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	200752	4.795	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	201149	4.792	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	194068	4.759	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	14930	4.868	ug/L	93
69) 1,3,5-Trichlorobenzene	13.217	180	139619	4.679	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	111431	4.864	ug/L	98
71) Naphthalene	14.086	128	190939	4.465	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	111344	4.813	ug/L	99

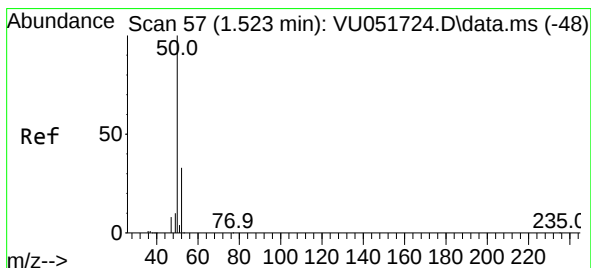
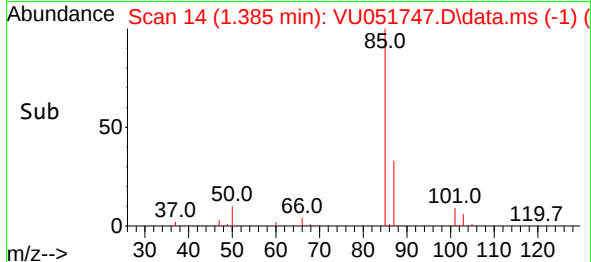
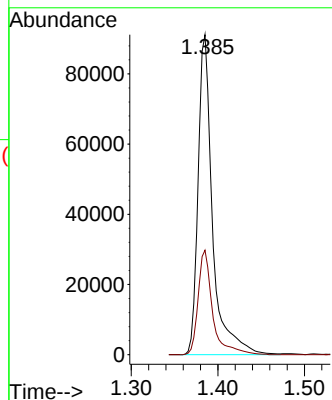
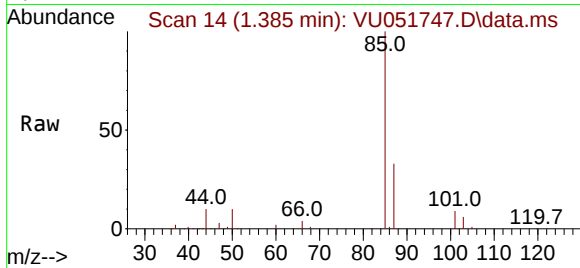
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 5.024 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051747.D
Acq: 03 Nov 2022 20:47

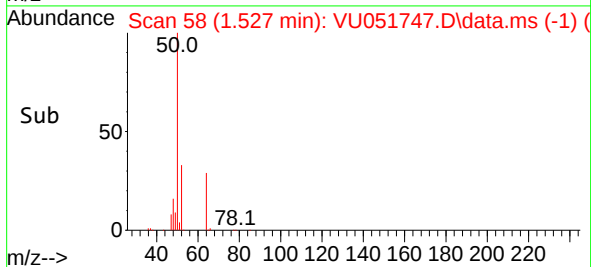
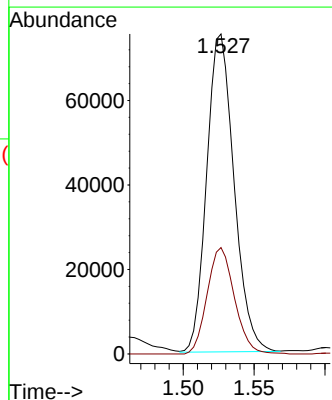
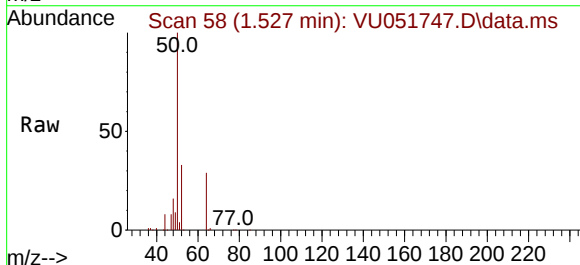
Instrument :
MSVOA_U
ClientSampleId :
EW4Z2MSD

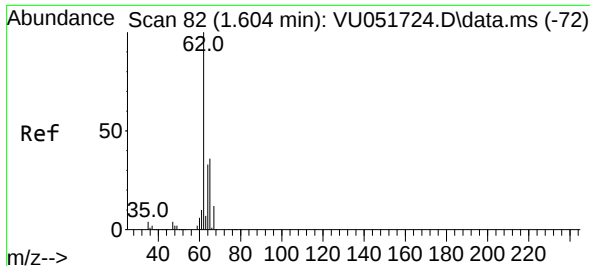
Tgt Ion: 85 Resp: 105638
Ion Ratio Lower Upper
85 100
87 32.9 25.7 38.5



#3
Chloromethane
Concen: 3.813 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU051747.D
Acq: 03 Nov 2022 20:47

Tgt Ion: 50 Resp: 101058
Ion Ratio Lower Upper
50 100
52 33.2 23.2 43.2

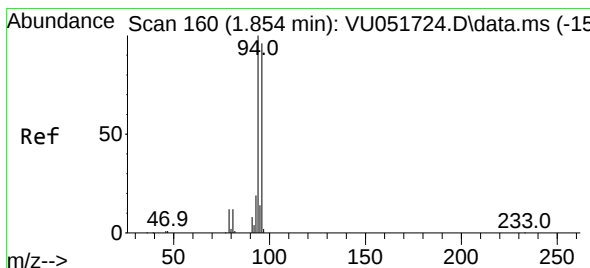
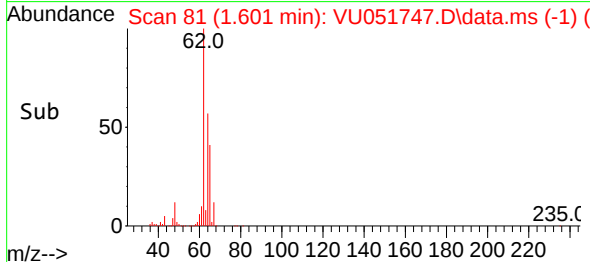
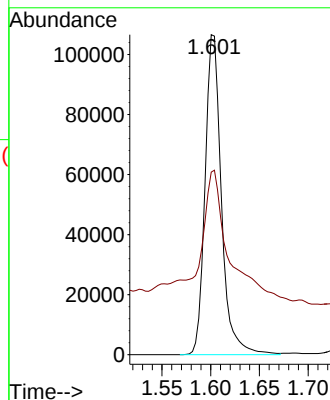
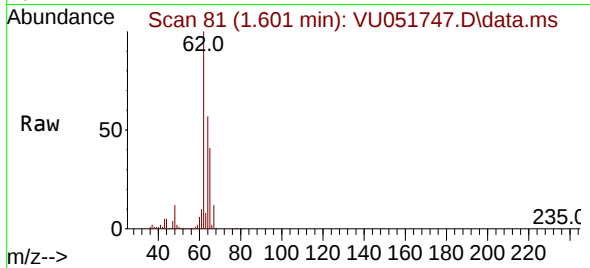




#5
 Vinyl chloride
 Concen: 4.904 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU051747.D
 Acq: 03 Nov 2022 20:47

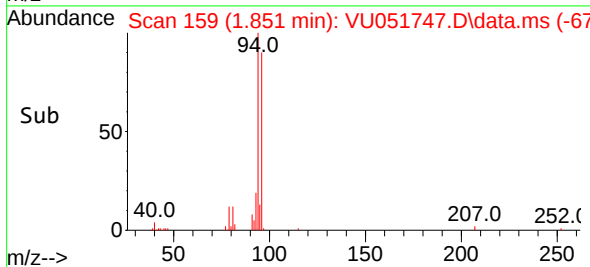
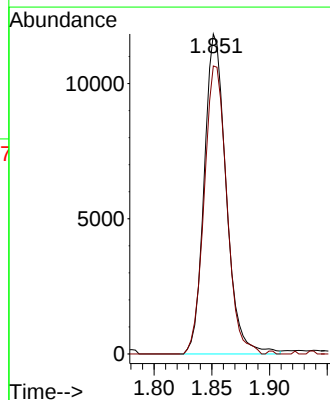
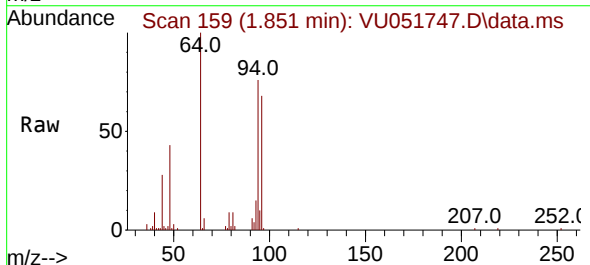
Instrument :
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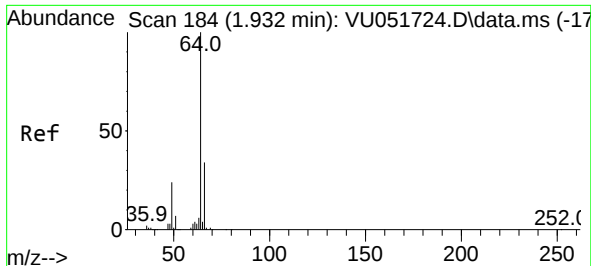
Tgt Ion: 62 Resp: 124506
 Ion Ratio Lower Upper
 62 100
 64 57.1 22.1 41.1#



#6
 Bromomethane
 Concen: 1.305 ug/L
 RT: 1.851 min Scan# 159
 Delta R.T. -0.003 min
 Lab File: VU051747.D
 Acq: 03 Nov 2022 20:47

Tgt Ion: 94 Resp: 15704
 Ion Ratio Lower Upper
 94 100
 96 90.0 63.2 117.4

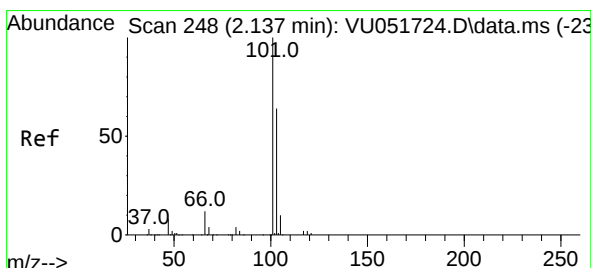
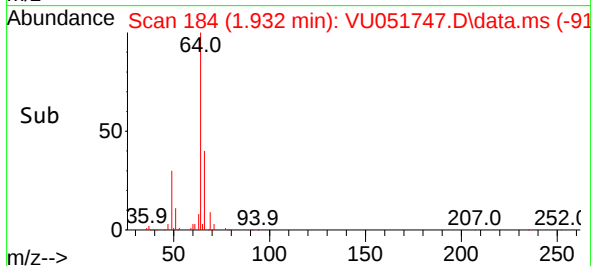
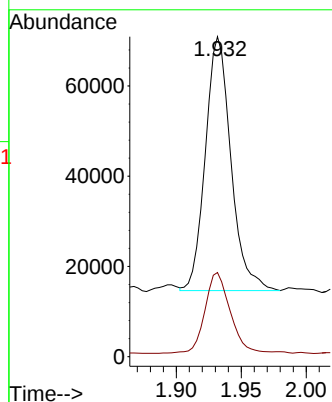
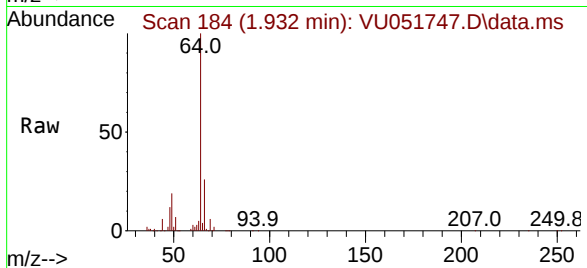




#8
Chloroethane
Concen: 4.999 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU051747.D
Acq: 03 Nov 2022 20:47

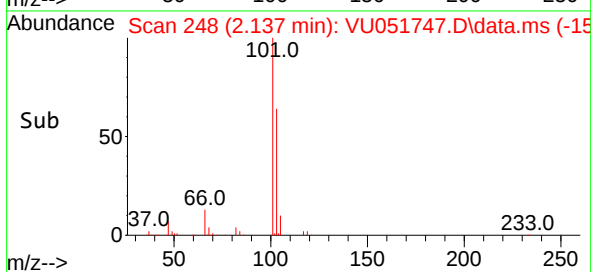
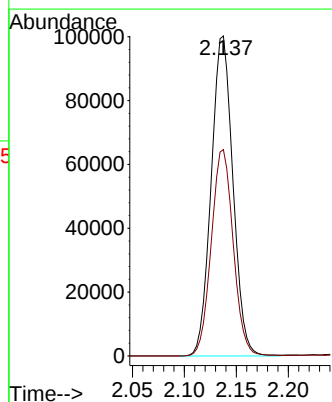
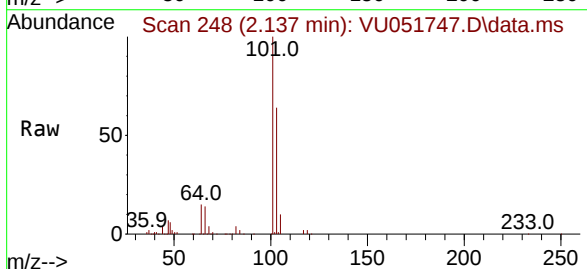
Instrument :
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ClientSampleId :
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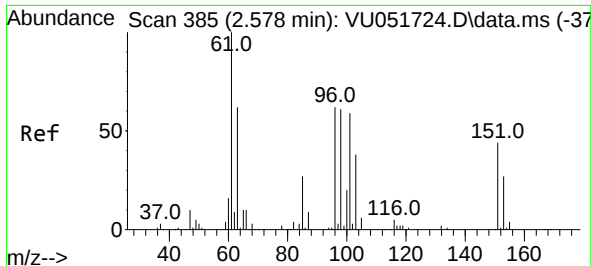
Tgt Ion: 64 Resp: 77066
Ion Ratio Lower Upper
64 100
66 26.3 22.3 41.5



#9
Trichlorofluoromethane
Concen: 5.235 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU051747.D
Acq: 03 Nov 2022 20:47

Tgt Ion: 101 Resp: 145890
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.6

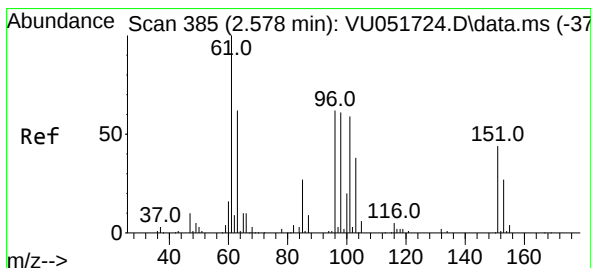
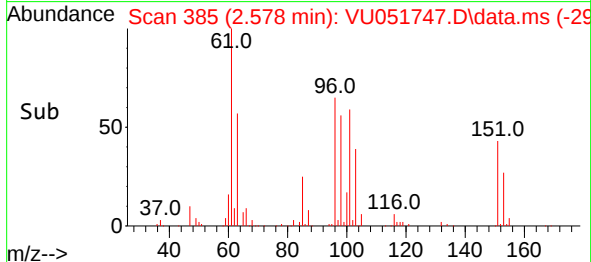
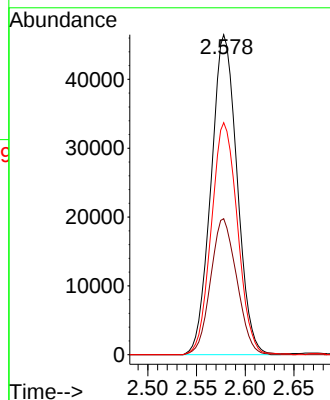
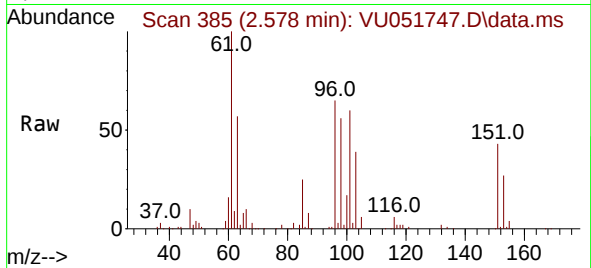




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.274 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051747.D
 Acq: 03 Nov 2022 20:47

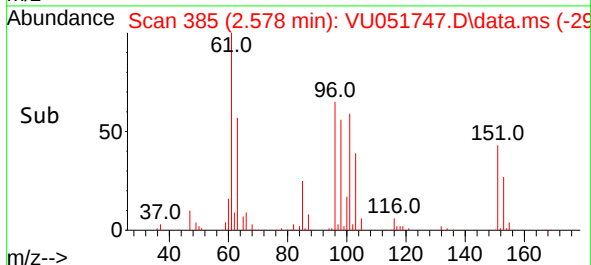
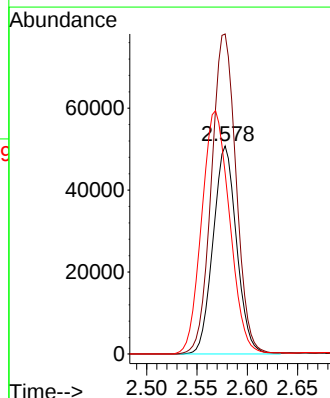
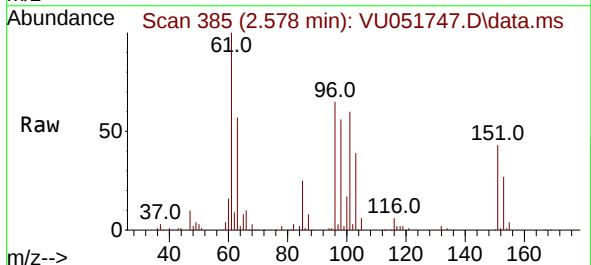
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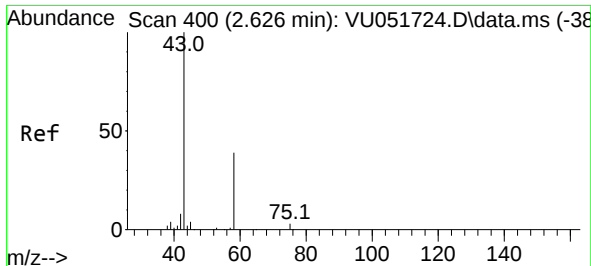
Tgt Ion: 101 Resp: 86419
 Ion Ratio Lower Upper
 101 100
 85 42.6 35.6 53.4
 151 72.9 59.6 89.4



#12
 1,1-Dichloroethene
 Concen: 4.926 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051747.D
 Acq: 03 Nov 2022 20:47

Tgt Ion: 96 Resp: 82324
 Ion Ratio Lower Upper
 96 100
 61 153.9 108.8 202.0
 63 87.0 64.9 120.5





#13

Acetone

Concen: 54.195 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU051747.D

Acq: 03 Nov 2022 20:47

Instrument :

MSVOA_U

ClientSampleId :

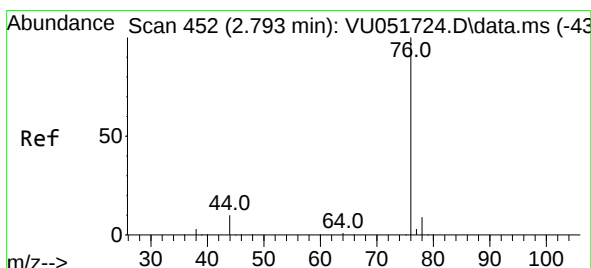
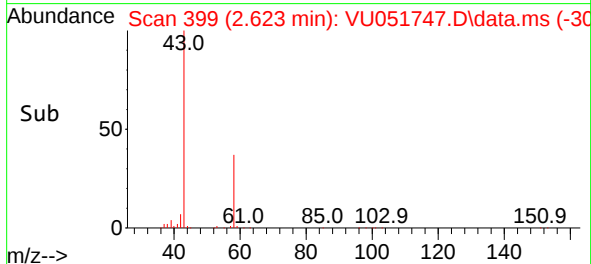
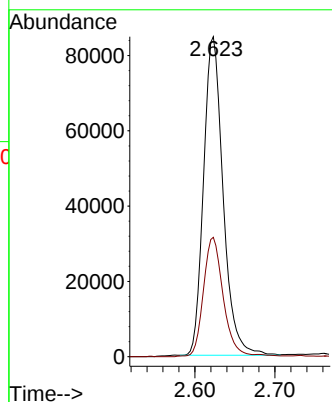
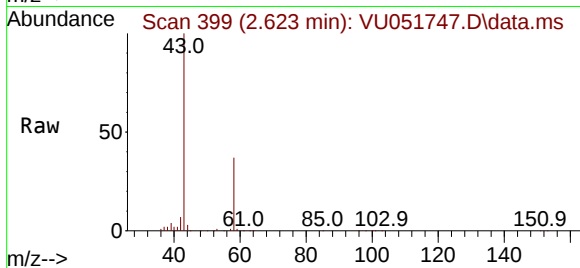
EW4Z2MSD

Tgt Ion: 43 Resp: 144190

Ion Ratio Lower Upper

43 100

58 37.7 0.0 73.8



#14

Carbon disulfide

Concen: 4.787 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU051747.D

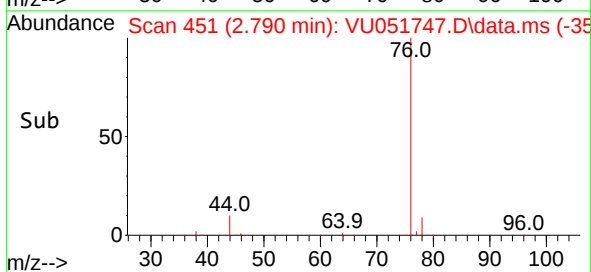
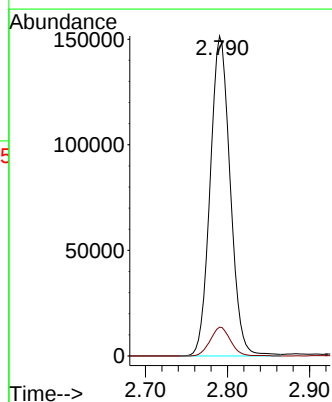
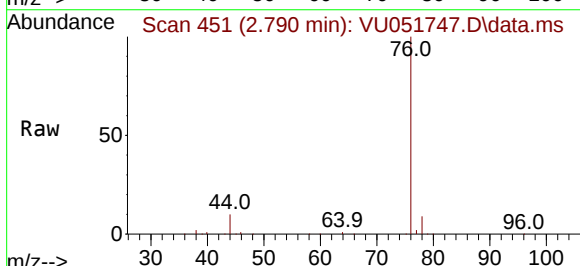
Acq: 03 Nov 2022 20:47

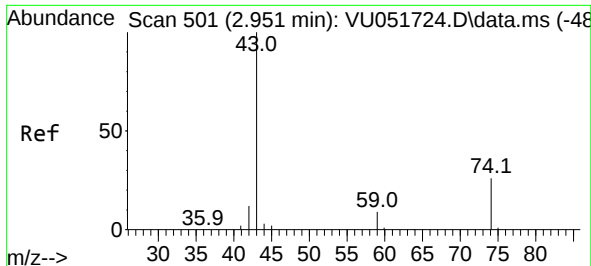
Tgt Ion: 76 Resp: 257923

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2

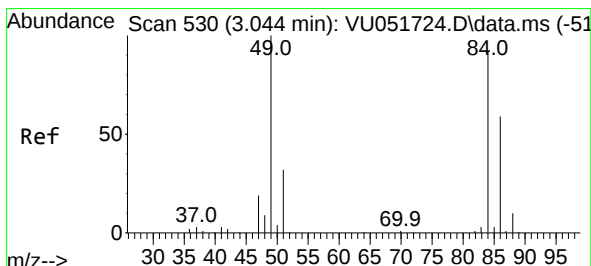
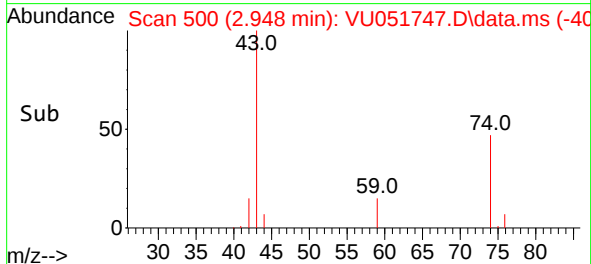
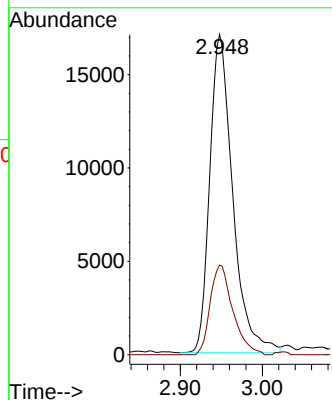
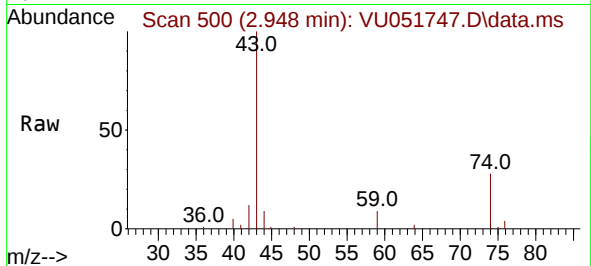




#15
Methyl Acetate
Concen: 4.771 ug/L
RT: 2.948 min Scan# 501
Delta R.T. -0.003 min
Lab File: VU051747.D
Acq: 03 Nov 2022 20:47

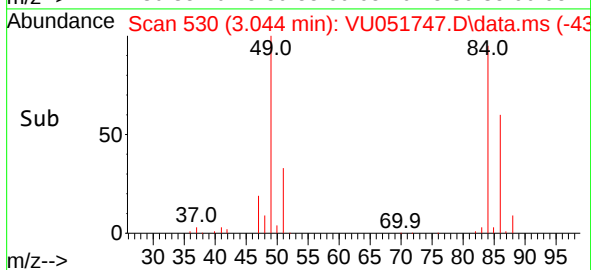
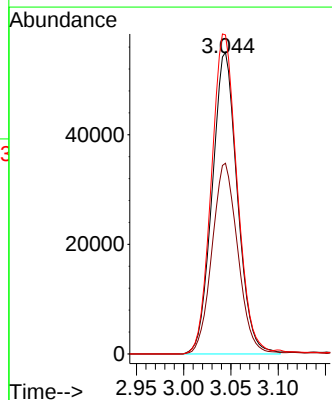
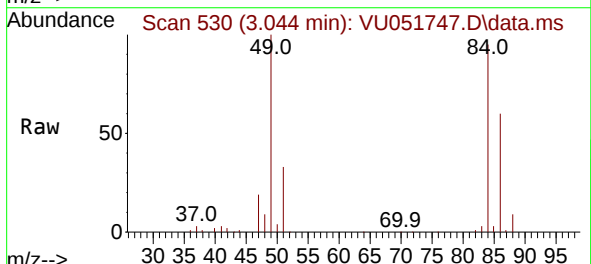
Instrument :
MSVOA_U
ClientSampleId :
EW4Z2MSD

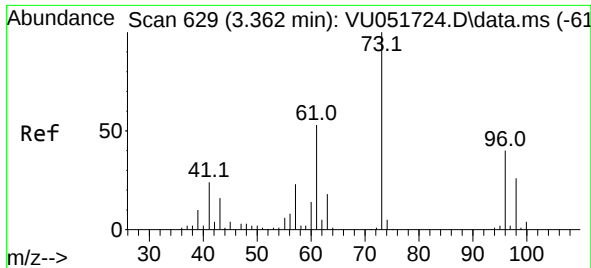
Tgt Ion: 43 Resp: 33232
Ion Ratio Lower Upper
43 100
74 27.6 20.2 30.4



#16
Methylene chloride
Concen: 3.732 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU051747.D
Acq: 03 Nov 2022 20:47

Tgt Ion: 84 Resp: 102155
Ion Ratio Lower Upper
84 100
86 63.2 46.3 85.9
49 105.8 76.0 141.2

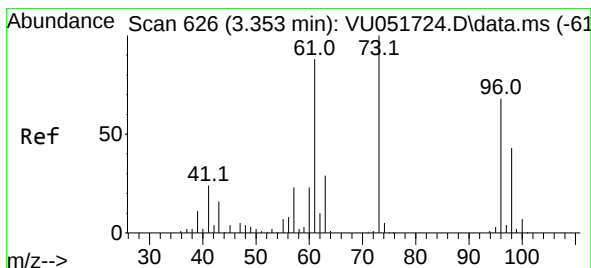
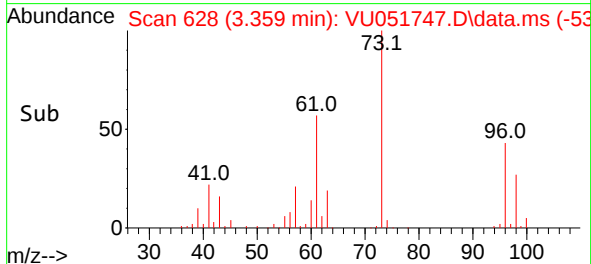
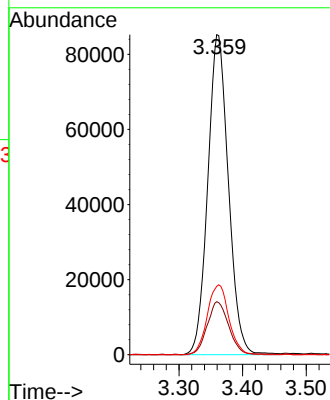
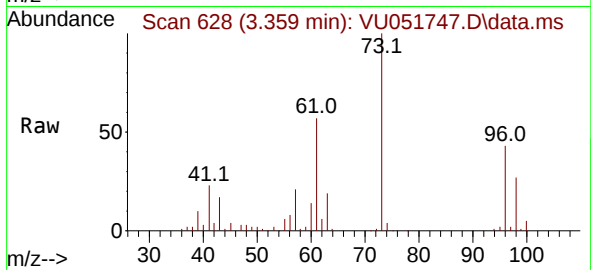




#17
Methyl tert-butyl Ether
Concen: 5.013 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU051747.D
Acq: 03 Nov 2022 20:47

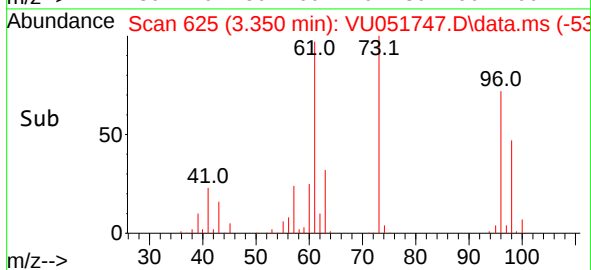
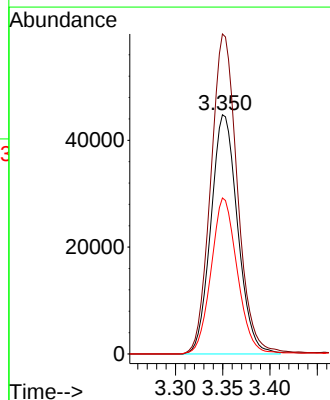
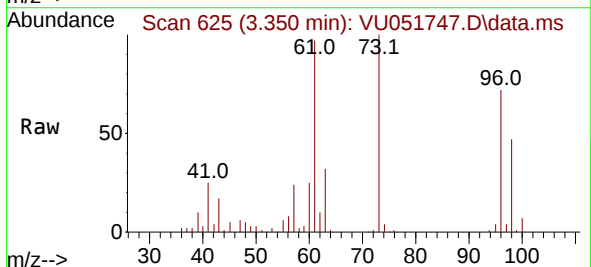
Instrument :
MSVOA_U
ClientSampleId :
EW4Z2MSD

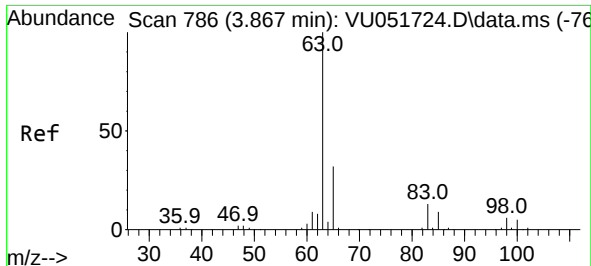
Tgt Ion: 73 Resp: 192097
Ion Ratio Lower Upper
73 100
43 17.2 13.6 20.4
57 22.7 17.5 26.3



#18
trans-1,2-Dichloroethene
Concen: 4.910 ug/L
RT: 3.350 min Scan# 625
Delta R.T. -0.003 min
Lab File: VU051747.D
Acq: 03 Nov 2022 20:47

Tgt Ion: 96 Resp: 88063
Ion Ratio Lower Upper
96 100
61 133.8 94.7 175.9
98 65.3 44.2 82.0

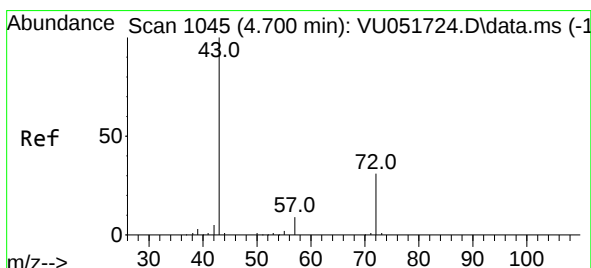
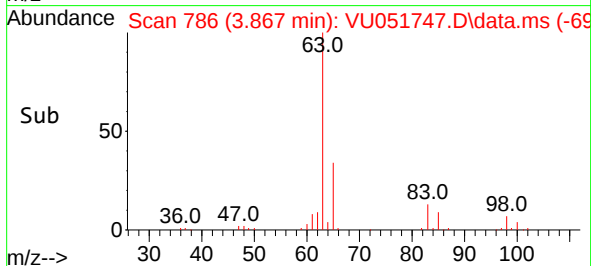
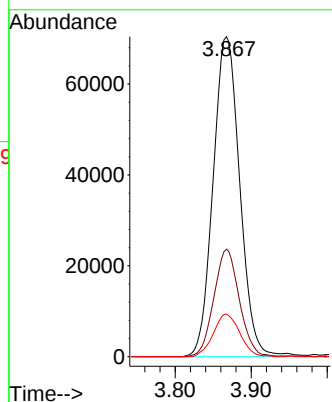
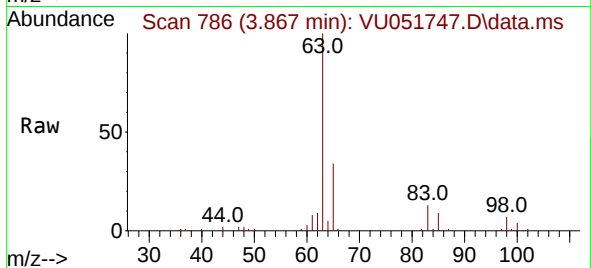




#19
1,1-Dichloroethane
Concen: 5.162 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU051747.D
Acq: 03 Nov 2022 20:47

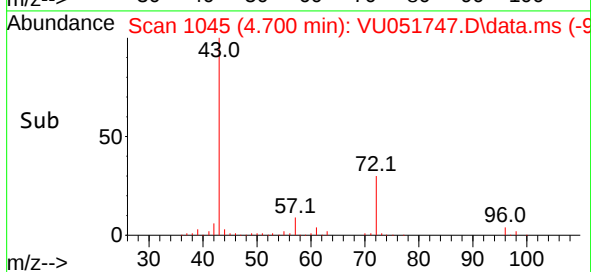
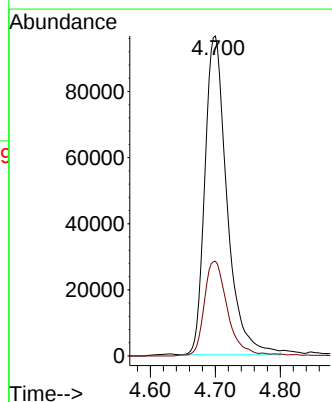
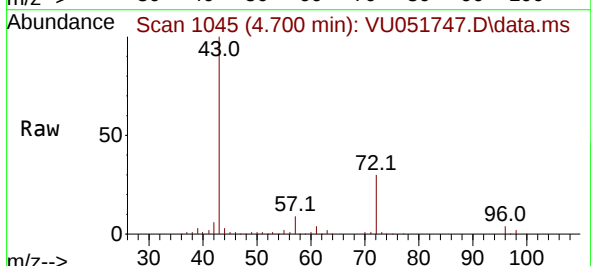
Instrument :
MSVOA_U
ClientSampleId :
EW4Z2MSD

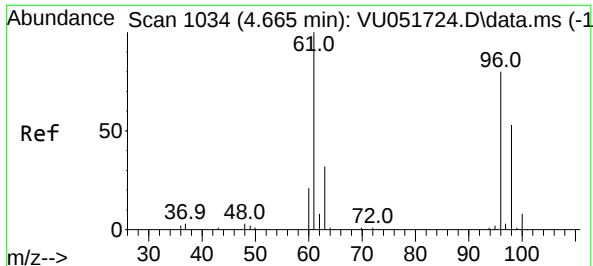
Tgt Ion: 63 Resp: 170790
Ion Ratio Lower Upper
63 100
65 33.6 22.7 42.1
83 13.3 9.2 17.0



#21
2-Butanone
Concen: 55.038 ug/L
RT: 4.700 min Scan# 1045
Delta R.T. 0.000 min
Lab File: VU051747.D
Acq: 03 Nov 2022 20:47

Tgt Ion: 43 Resp: 229315
Ion Ratio Lower Upper
43 100
72 30.8 16.2 48.5

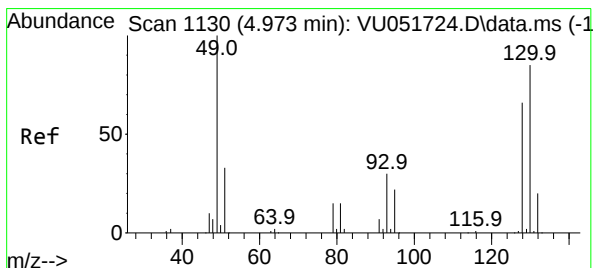
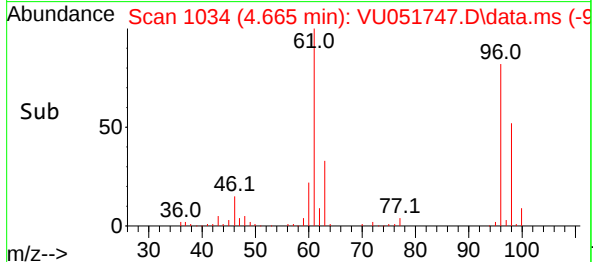
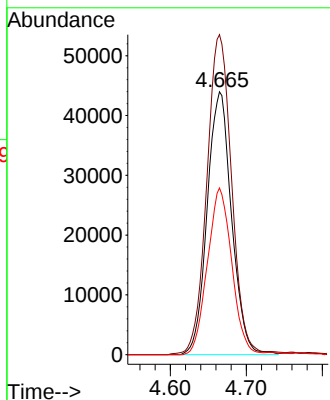
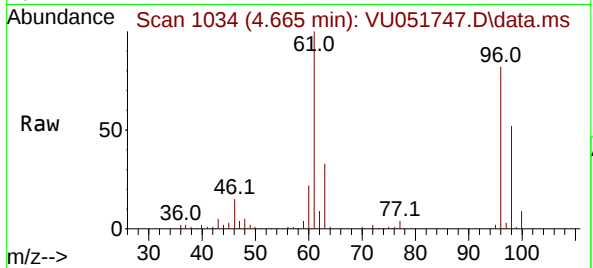




#22
 cis-1,2-Dichloroethene
 Concen: 4.944 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU051747.D
 Acq: 03 Nov 2022 20:47

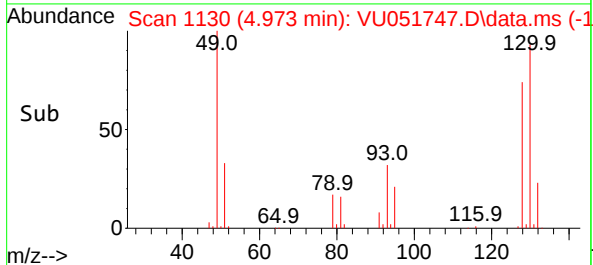
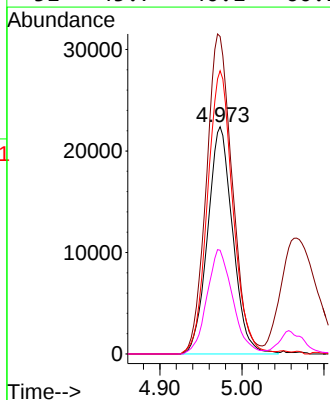
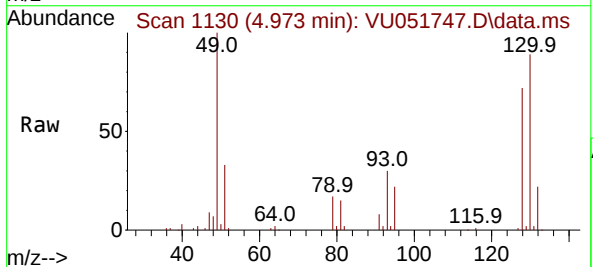
Instrument :
 MSVOA_U
 ClientSampleId :
 EW4Z2MSD

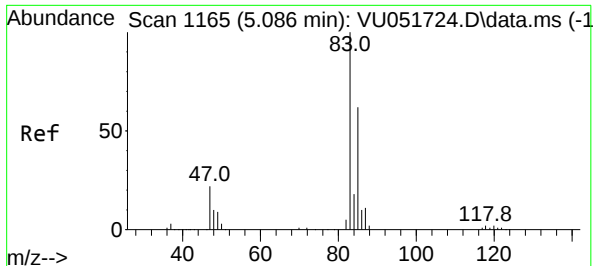
Tgt Ion: 96	Resp:	98122
Ion	Ratio	Lower Upper
96	100	
61	121.7	86.4 160.4
98	63.4	44.2 82.2



#23
 Bromochloromethane
 Concen: 5.113 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VU051747.D
 Acq: 03 Nov 2022 20:47

Tgt Ion: 128	Resp:	47444
Ion	Ratio	Lower Upper
128	100	
49	139.8	105.5 195.9
130	124.7	93.5 173.7
51	45.7	40.1 60.1





#25

Chloroform

Concen: 5.187 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051747.D

Acq: 03 Nov 2022 20:47

Instrument :

MSVOA_U

ClientSampleId :

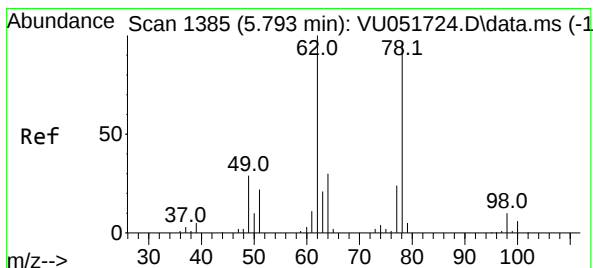
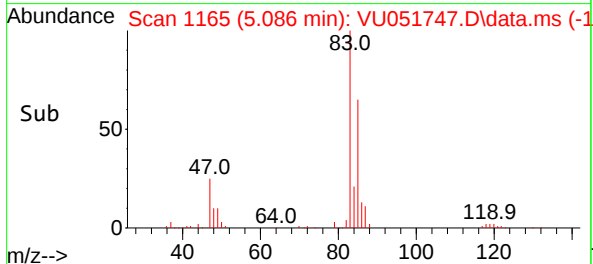
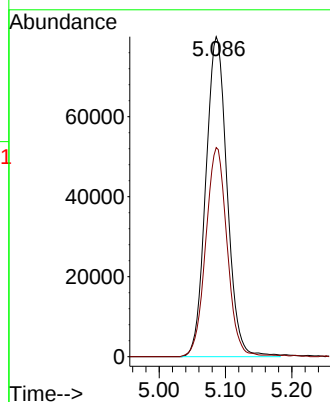
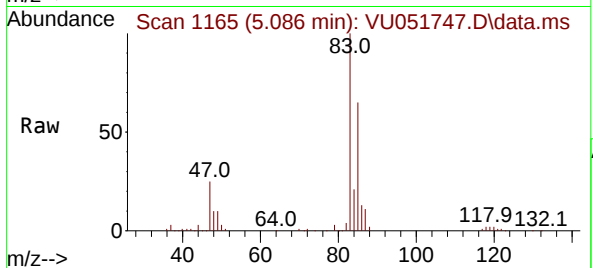
EW4Z2MSD

Tgt Ion: 83 Resp: 178026

Ion Ratio Lower Upper

83 100

85 65.4 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.054 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU051747.D

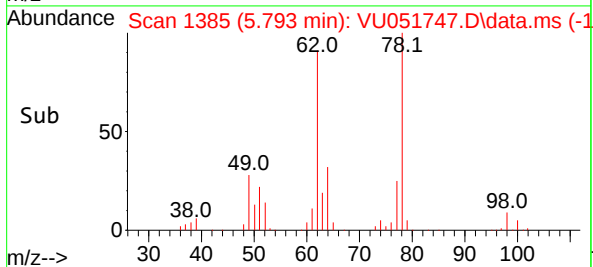
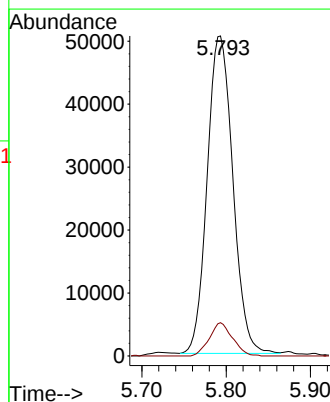
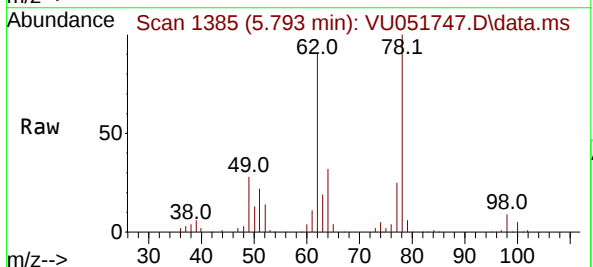
Acq: 03 Nov 2022 20:47

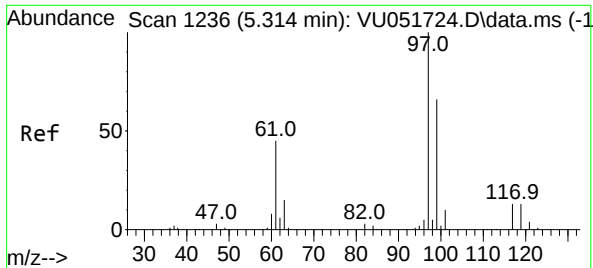
Tgt Ion: 62 Resp: 106740

Ion Ratio Lower Upper

62 100

98 10.4 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 5.108 ug/L

RT: 5.314 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051747.D

Acq: 03 Nov 2022 20:47

Instrument :

MSVOA_U

ClientSampleId :

EW4Z2MSD

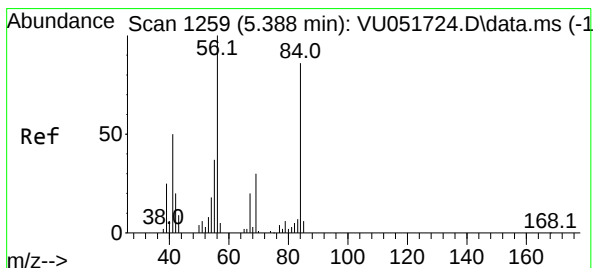
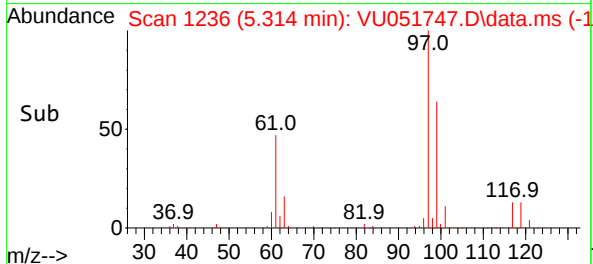
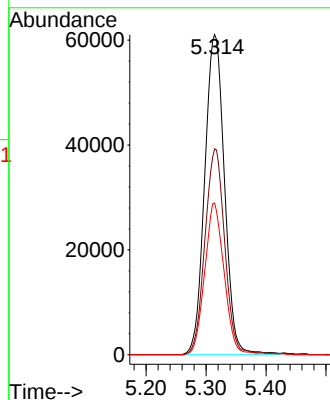
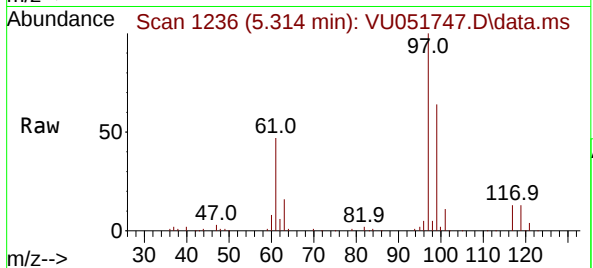
Tgt Ion: 97 Resp: 140425

Ion Ratio Lower Upper

97 100

99 64.0 51.1 76.7

61 46.3 37.4 56.0



#30

Cyclohexane

Concen: 4.748 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. -0.003 min

Lab File: VU051747.D

Acq: 03 Nov 2022 20:47

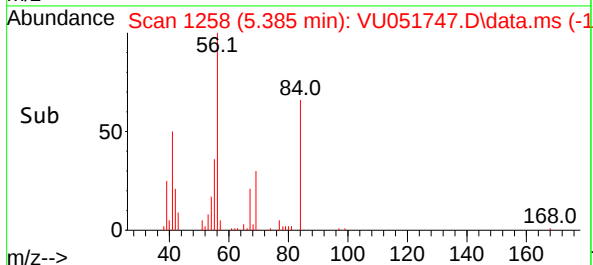
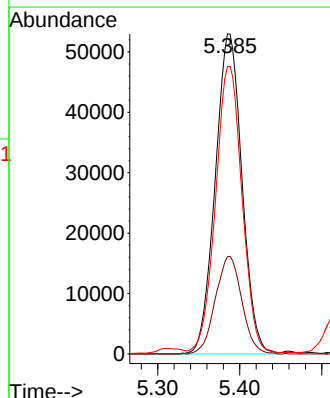
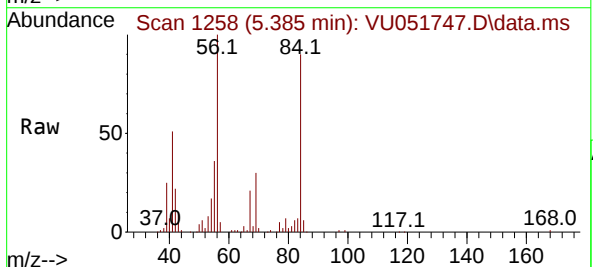
Tgt Ion: 56 Resp: 120196

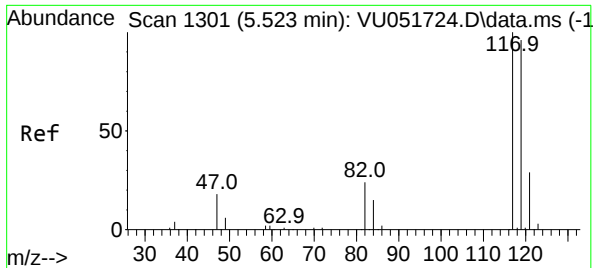
Ion Ratio Lower Upper

56 100

69 30.1 25.4 38.0

84 88.5 71.4 107.0

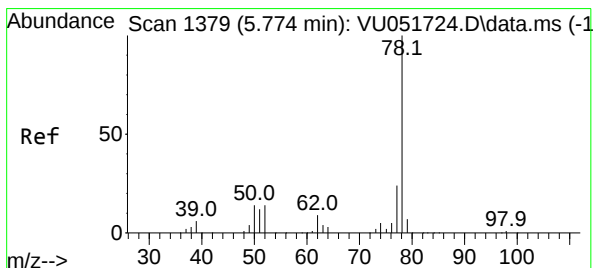
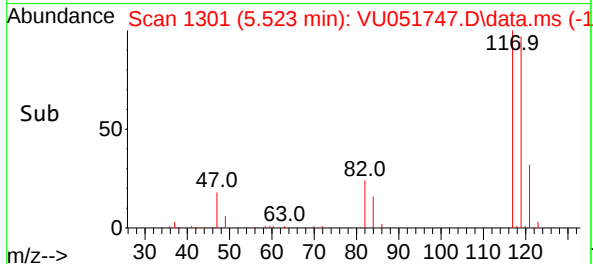
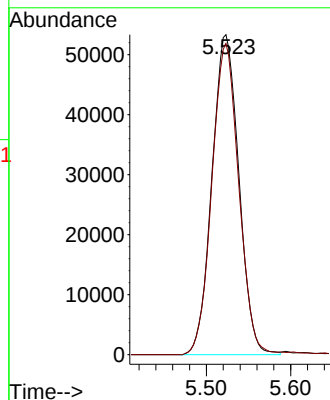
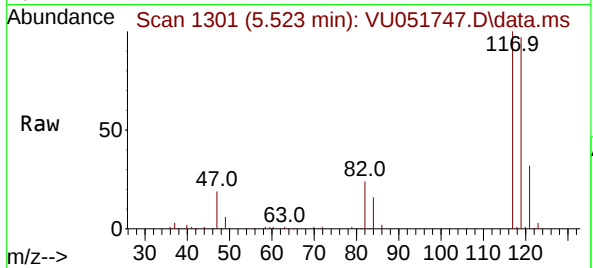




#31
Carbon tetrachloride
Concen: 5.027 ug/L
RT: 5.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051747.D
Acq: 03 Nov 2022 20:47

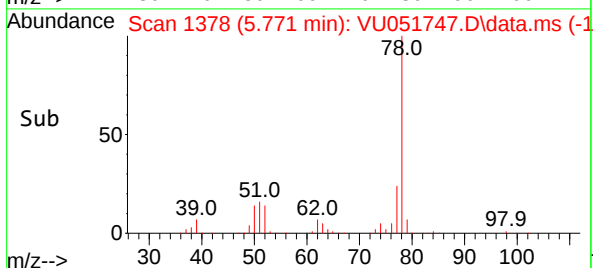
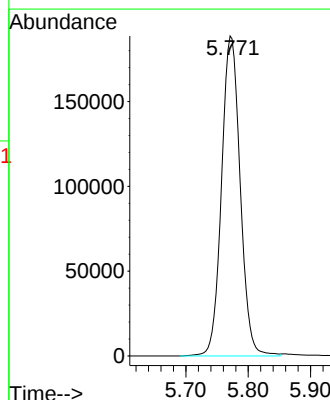
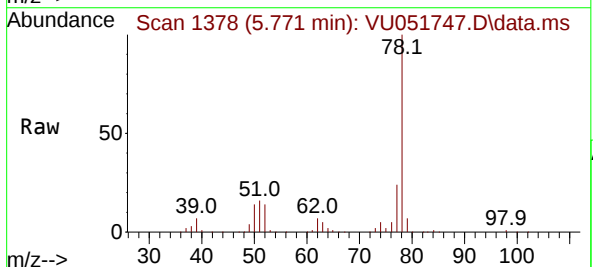
Instrument :
MSVOA_U
ClientSampleId :
EW4Z2MSD

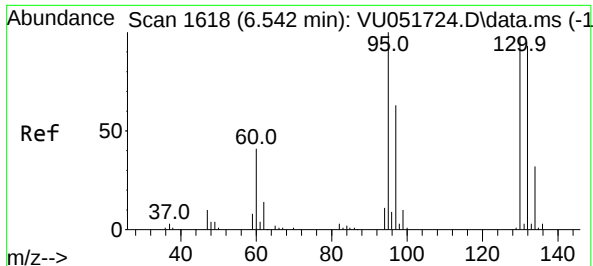
Tgt Ion:117 Resp: 118203
Ion Ratio Lower Upper
117 100
119 97.1 77.5 116.3



#33
Benzene
Concen: 4.904 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU051747.D
Acq: 03 Nov 2022 20:47

Tgt Ion: 78 Resp: 391854



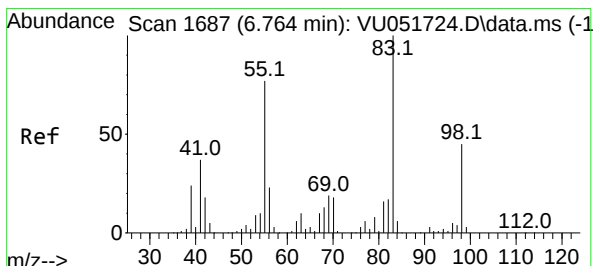
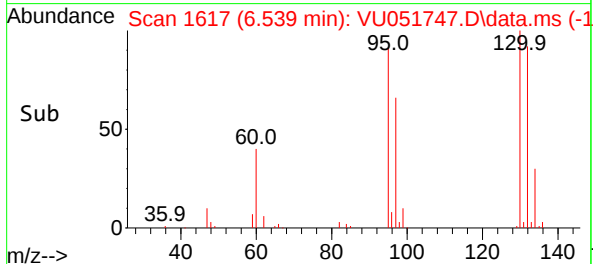
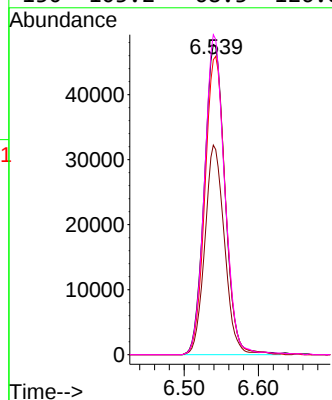
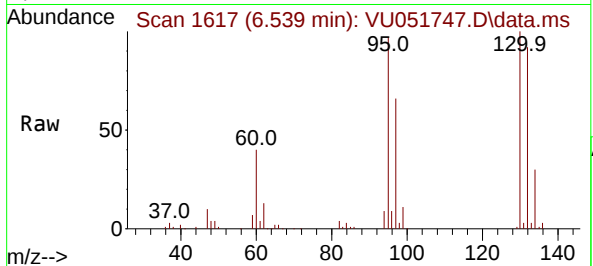


#34
Trichloroethene
Concen: 4.771 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU051747.D
Acq: 03 Nov 2022 20:47

Instrument :
MSVOA_U
ClientSampleId :
EW4Z2MSD

Tgt Ion: 95 Resp: 92005

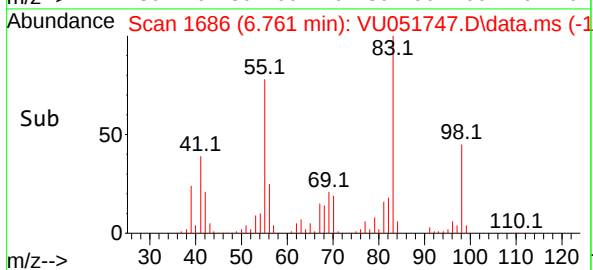
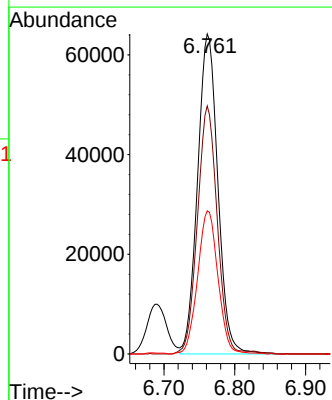
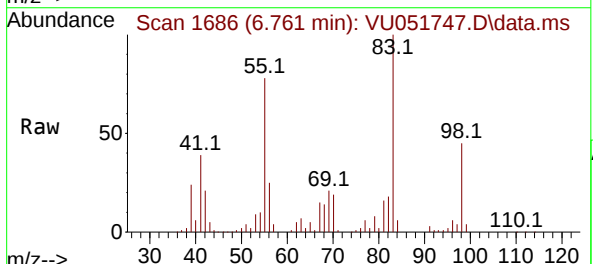
Ion	Ratio	Lower	Upper
95	100		
97	67.6	45.2	84.0
132	95.0	66.5	123.5
130	103.2	68.3	126.8

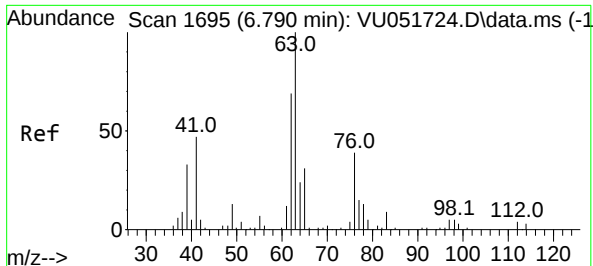


#35
Methylcyclohexane
Concen: 4.795 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU051747.D
Acq: 03 Nov 2022 20:47

Tgt Ion: 83 Resp: 127866

Ion	Ratio	Lower	Upper
83	100		
55	75.4	60.6	90.8
98	44.8	35.8	53.6





#37

1,2-Dichloropropane

Concen: 5.024 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051747.D

Acq: 03 Nov 2022 20:47

Instrument :

MSVOA_U

ClientSampleId :

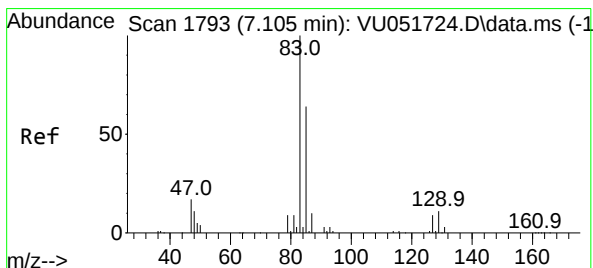
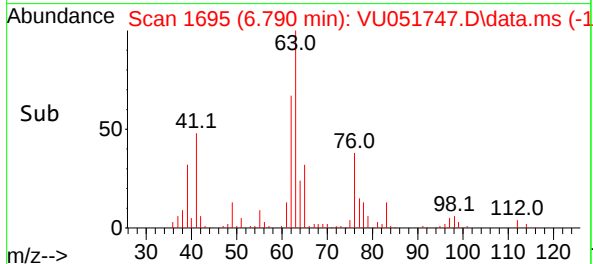
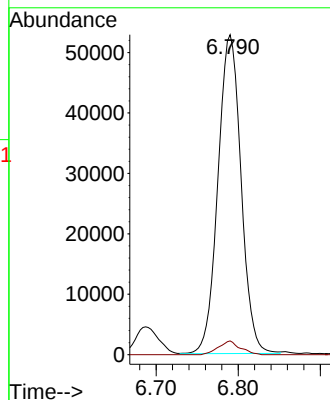
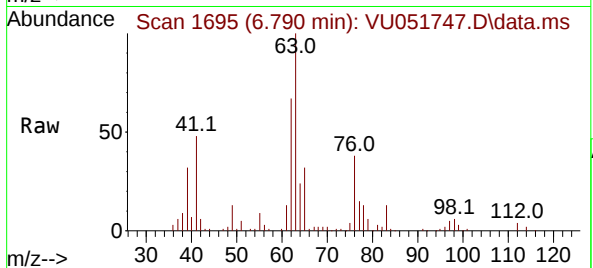
EW4Z2MSD

Tgt Ion: 63 Resp: 103260

Ion Ratio Lower Upper

63 100

112 4.0 3.3 4.9



#38

Bromodichloromethane

Concen: 5.084 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU051747.D

Acq: 03 Nov 2022 20:47

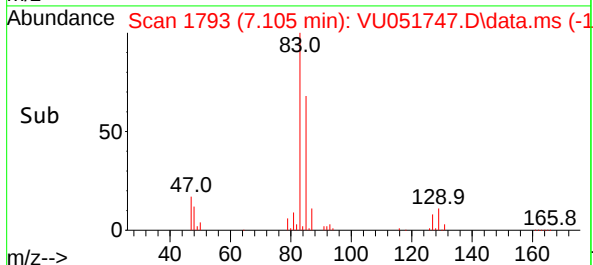
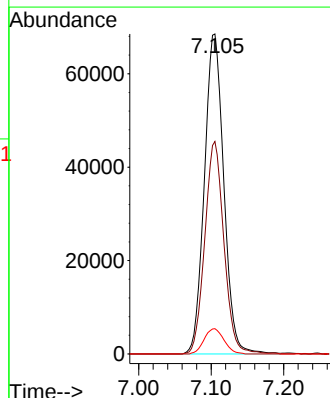
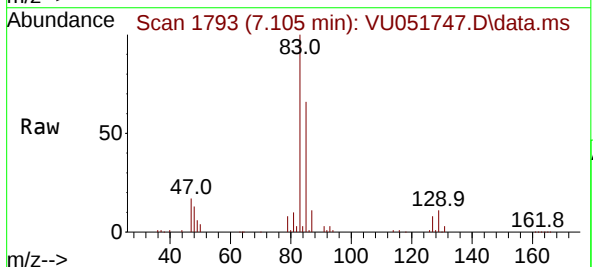
Tgt Ion: 83 Resp: 127634

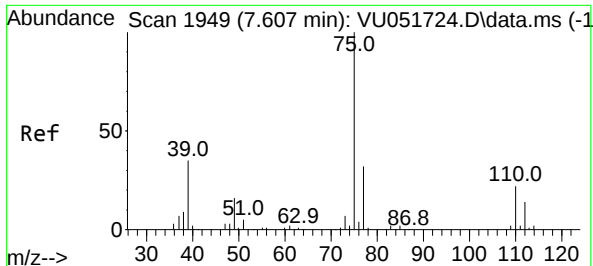
Ion Ratio Lower Upper

83 100

85 66.4 45.1 83.7

127 7.9 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 4.759 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU051747.D

Acq: 03 Nov 2022 20:47

Instrument :

MSVOA_U

ClientSampleId :

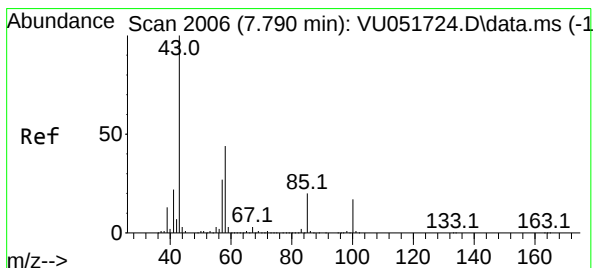
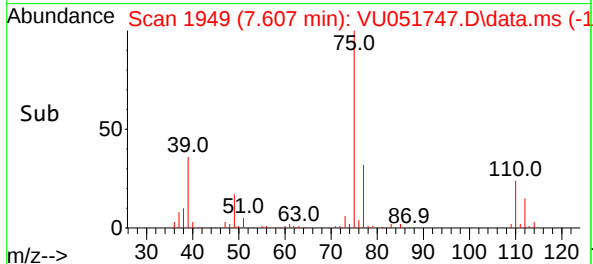
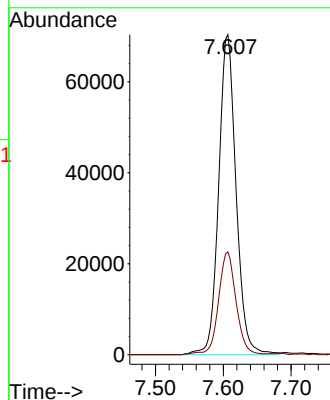
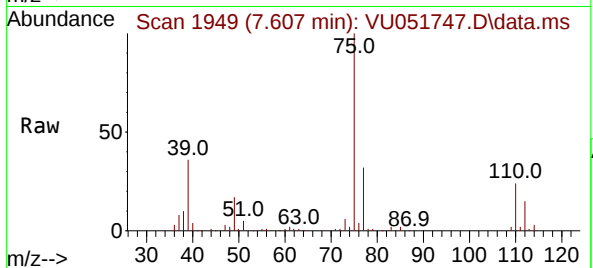
EW4Z2MSD

Tgt Ion: 75 Resp: 125488

Ion Ratio Lower Upper

75 100

77 32.2 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 54.102 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.003 min

Lab File: VU051747.D

Acq: 03 Nov 2022 20:47

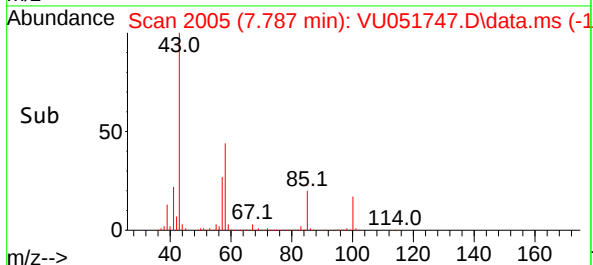
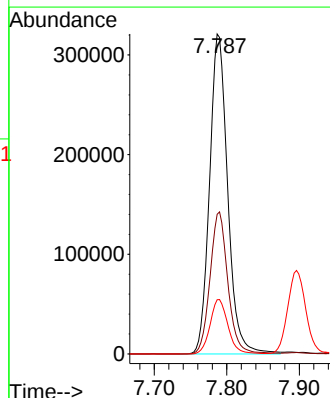
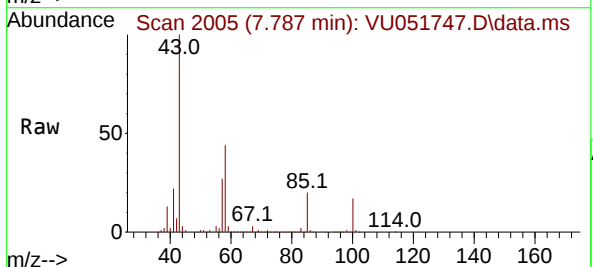
Tgt Ion: 43 Resp: 557752

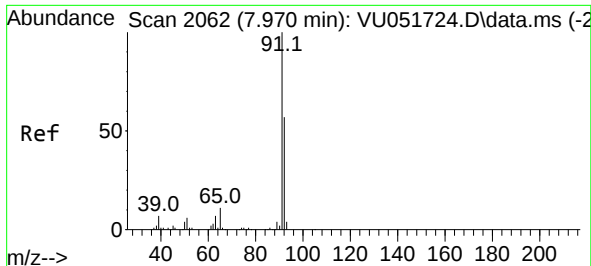
Ion Ratio Lower Upper

43 100

58 43.8 35.0 52.6

100 16.8 13.4 20.0





#42

Toluene

Concen: 5.242 ug/L

RT: 7.967 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU051747.D

Acq: 03 Nov 2022 20:47

Instrument :

MSVOA_U

ClientSampleId :

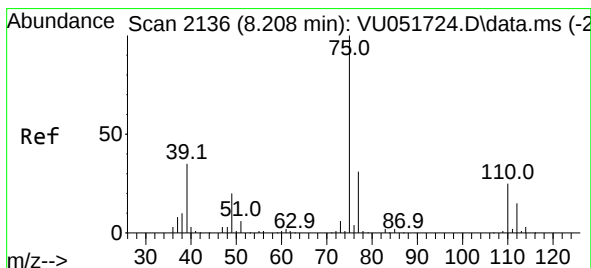
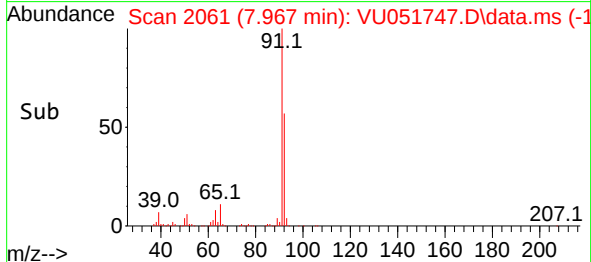
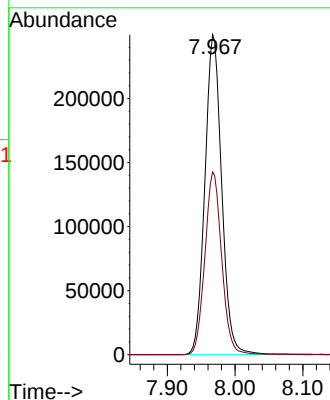
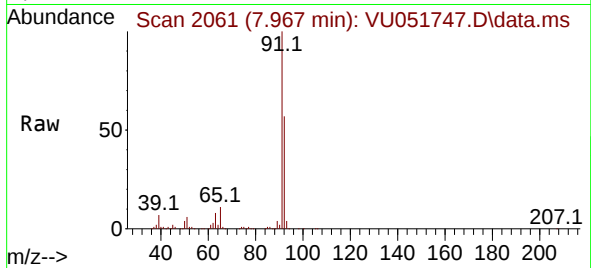
EW4Z2MSD

Tgt Ion: 91 Resp: 430167

Ion Ratio Lower Upper

91 100

92 57.1 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.033 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU051747.D

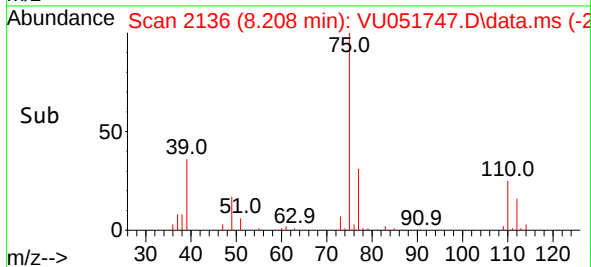
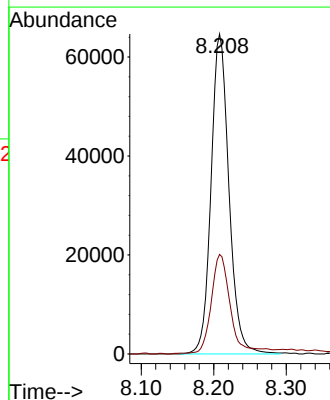
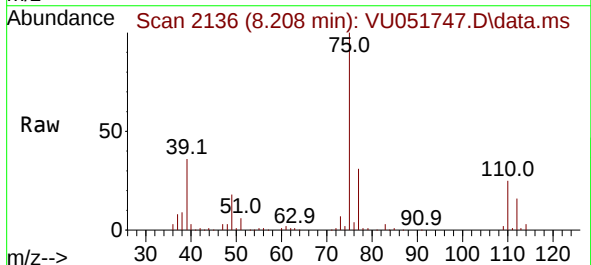
Acq: 03 Nov 2022 20:47

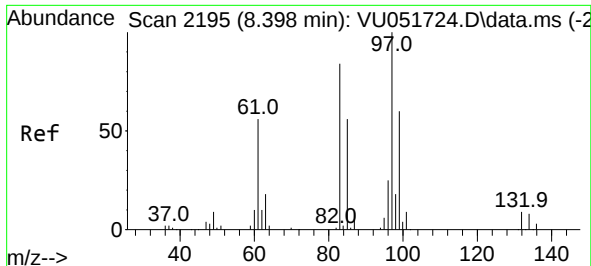
Tgt Ion: 75 Resp: 110914

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.6

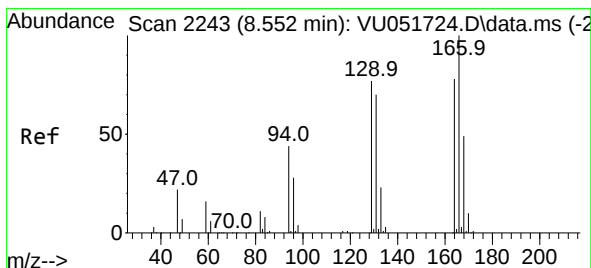
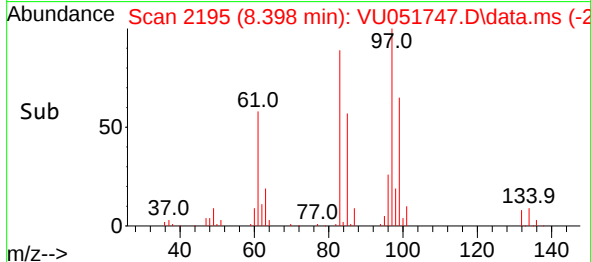
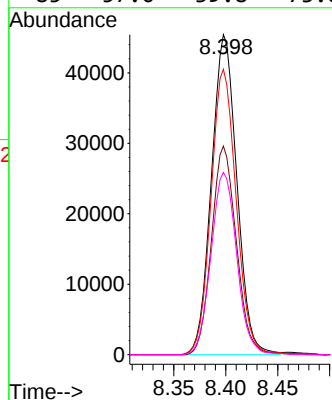
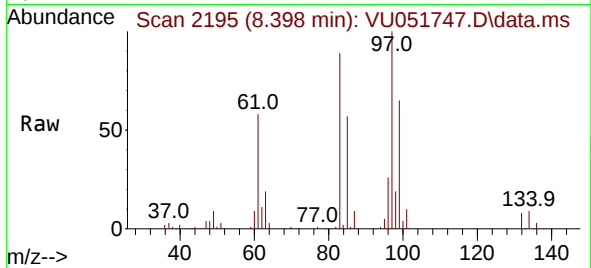




#45
1,1,2-Trichloroethane
Concen: 5.130 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU051747.D
Acq: 03 Nov 2022 20:47

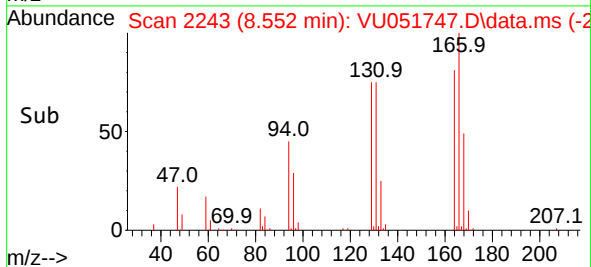
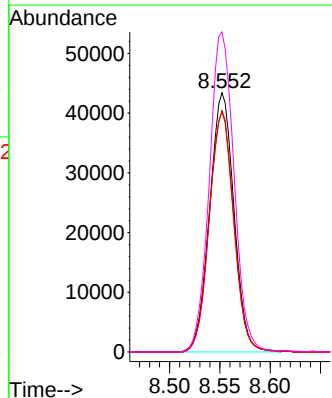
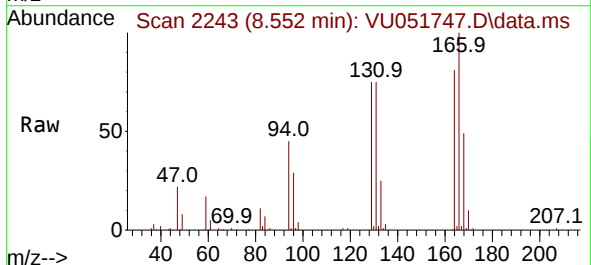
Instrument :
MSVOA_U
ClientSampleId :
EW4Z2MSD

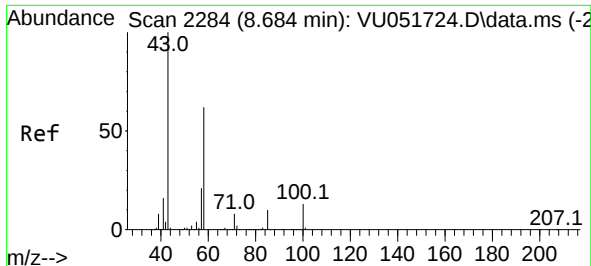
Tgt Ion:	97	Resp:	77258
Ion	Ratio	Lower	Upper
97	100		
99	65.2	43.4	80.6
83	89.2	61.3	113.9
85	57.0	39.8	73.8



#47
Tetrachloroethene
Concen: 4.922 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051747.D
Acq: 03 Nov 2022 20:47

Tgt Ion:	164	Resp:	72696
Ion	Ratio	Lower	Upper
164	100		
129	93.0	64.0	118.8
131	92.8	60.7	112.7
166	123.5	86.8	161.2

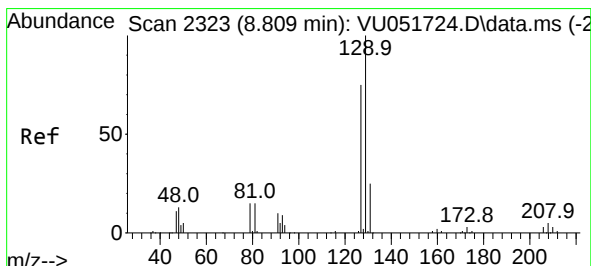
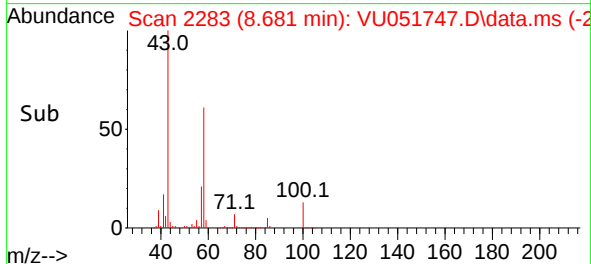
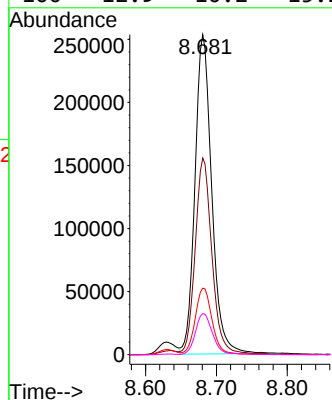
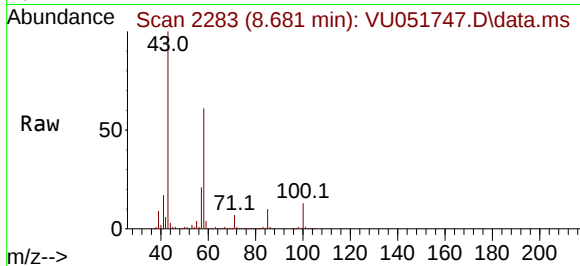




#48
2-Hexanone
Concen: 54.472 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051747.D
Acq: 03 Nov 2022 20:47

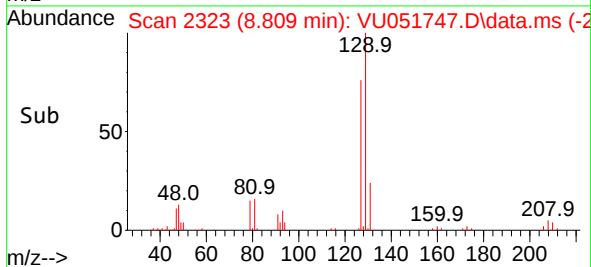
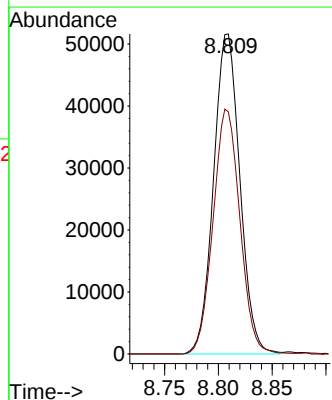
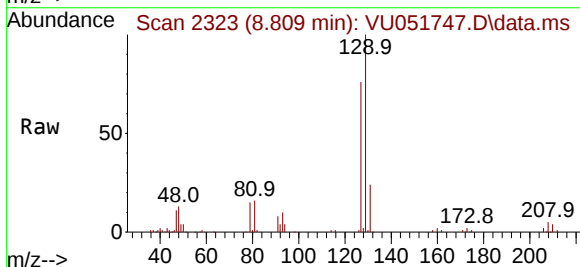
Instrument :
MSVOA_U
ClientSampleId :
EW4Z2MSD

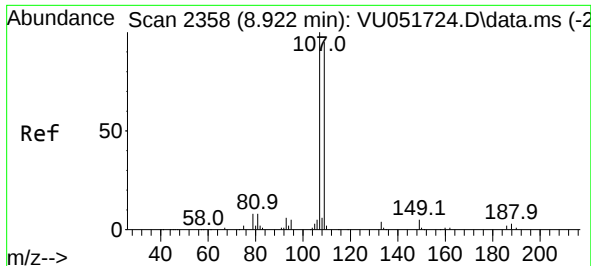
Tgt Ion: 43 Resp: 415671
Ion Ratio Lower Upper
43 100
58 60.7 48.2 72.2
57 20.9 16.6 25.0
100 12.9 10.2 15.2



#49
Dibromochloromethane
Concen: 5.114 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU051747.D
Acq: 03 Nov 2022 20:47

Tgt Ion: 129 Resp: 87991
Ion Ratio Lower Upper
129 100
127 75.7 54.8 101.8





#50

1,2-Dibromoethane

Concen: 5.060 ug/L

RT: 8.922 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051747.D

Acq: 03 Nov 2022 20:47

Instrument :

MSVOA_U

ClientSampleId :

EW4Z2MSD

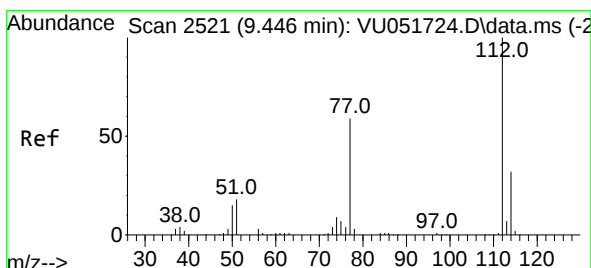
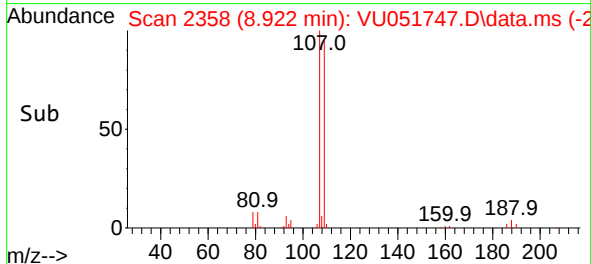
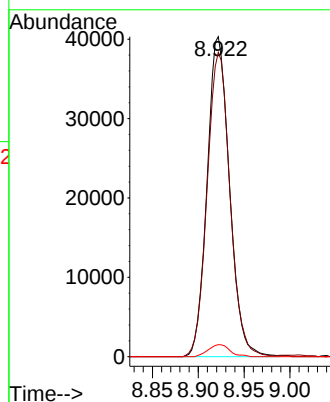
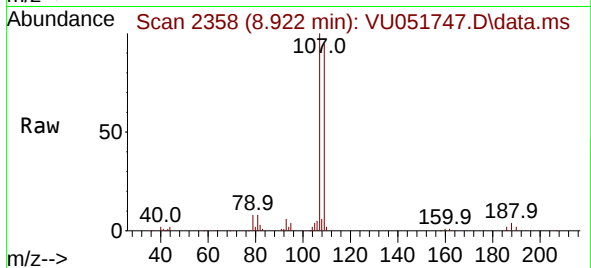
Tgt Ion:107 Resp: 68762

Ion Ratio Lower Upper

107 100

109 95.1 63.0 117.0

188 3.7 3.0 4.4



#51

Chlorobenzene

Concen: 5.006 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU051747.D

Acq: 03 Nov 2022 20:47

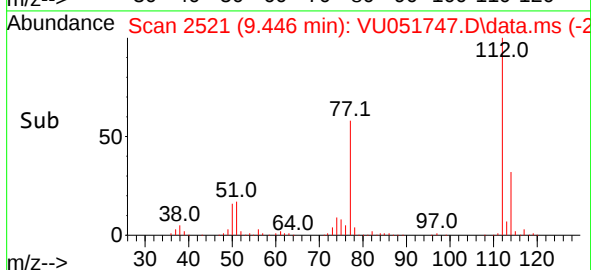
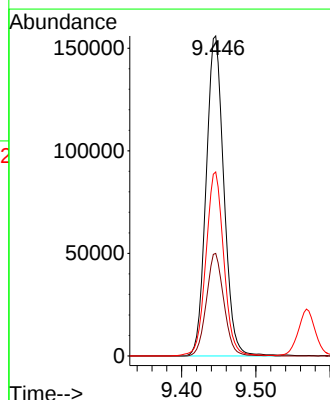
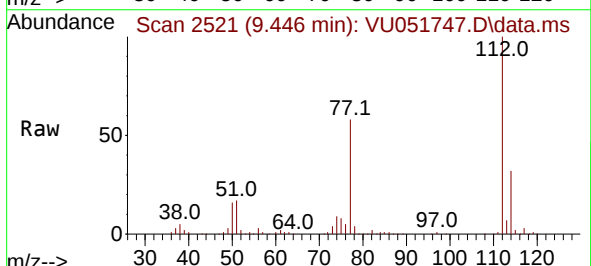
Tgt Ion:112 Resp: 258597

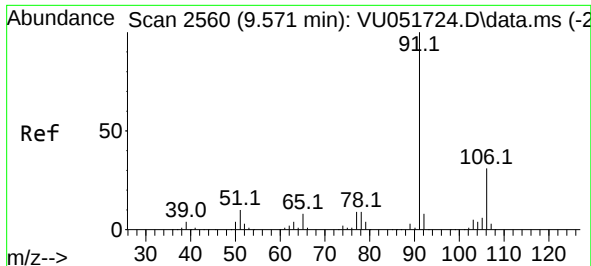
Ion Ratio Lower Upper

112 100

114 32.1 22.0 40.8

77 57.5 46.7 70.1





#52

Ethylbenzene

Concen: 4.948 ug/L

RT: 9.568 min Scan# 2559

Delta R.T. -0.003 min

Lab File: VU051747.D

Acq: 03 Nov 2022 20:47

Instrument :

MSVOA_U

ClientSampleId :

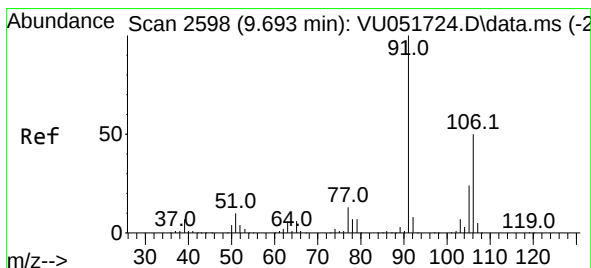
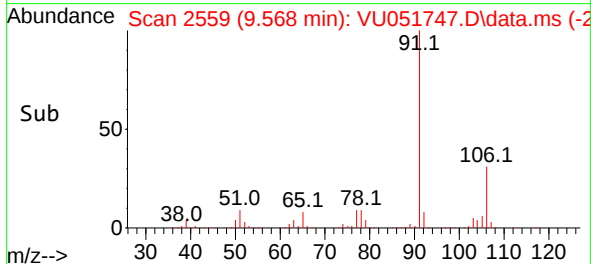
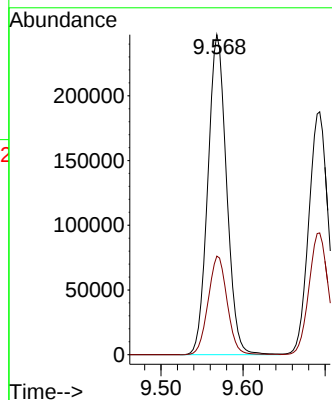
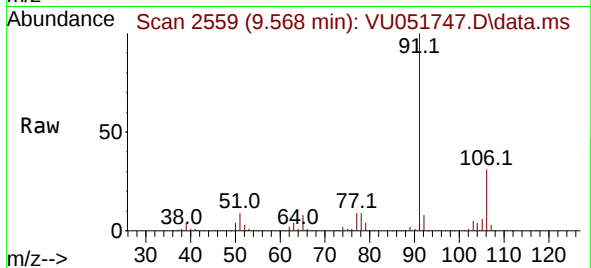
EW4Z2MSD

Tgt Ion: 91 Resp: 391775

Ion Ratio Lower Upper

91 100

106 30.8 21.8 40.6



#53

m,p-Xylene

Concen: 5.073 ug/L

RT: 9.693 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU051747.D

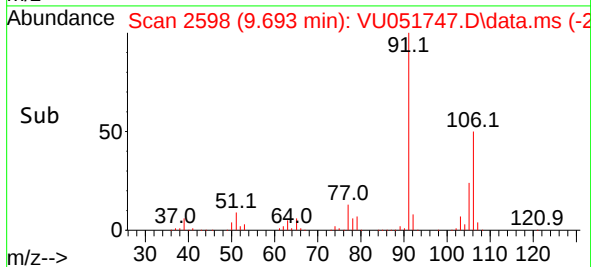
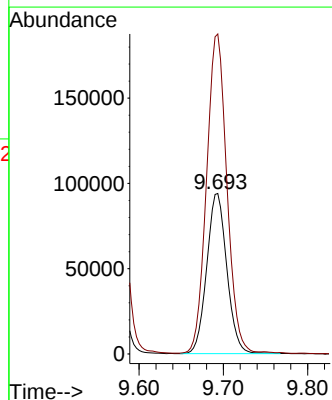
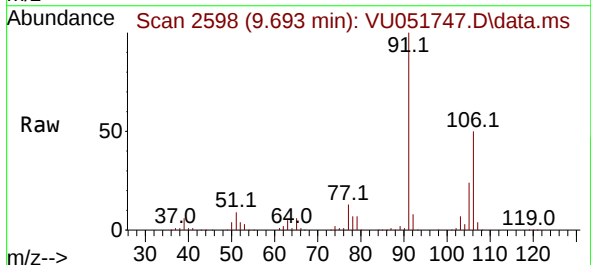
Acq: 03 Nov 2022 20:47

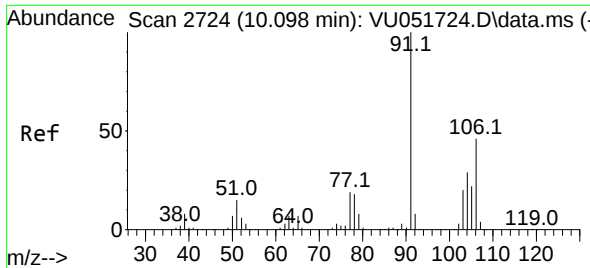
Tgt Ion: 106 Resp: 156029

Ion Ratio Lower Upper

106 100

91 199.5 139.4 259.0

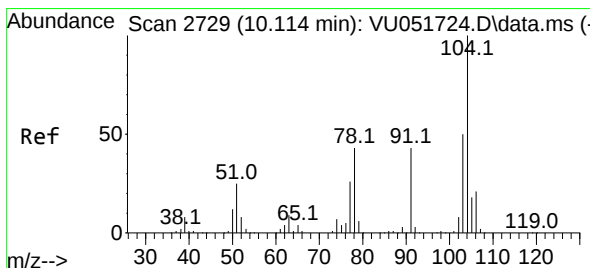
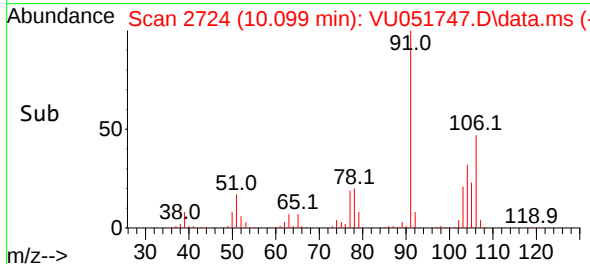
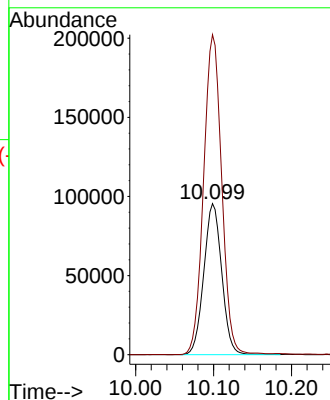
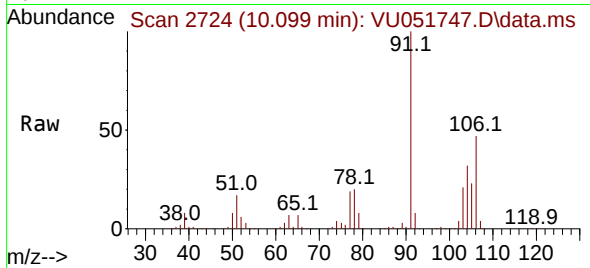




#54
o-Xylene
Concen: 5.075 ug/L
RT: 10.099 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051747.D
Acq: 03 Nov 2022 20:47

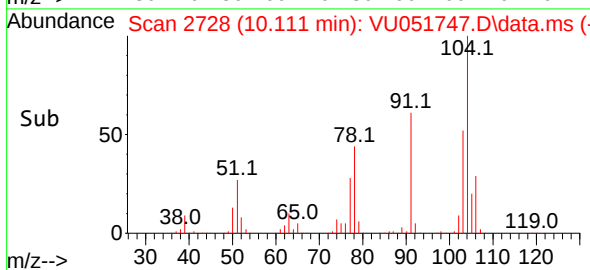
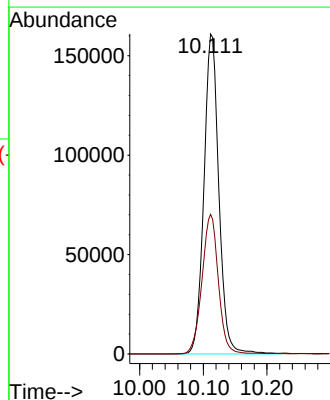
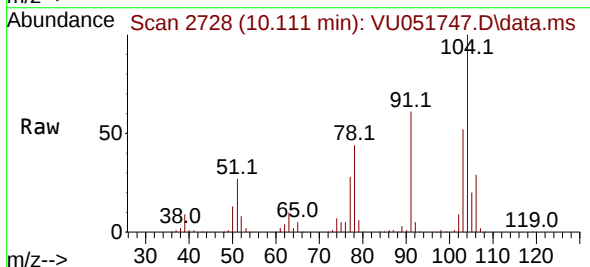
Instrument :
MSVOA_U
ClientSampleId :
EW4Z2MSD

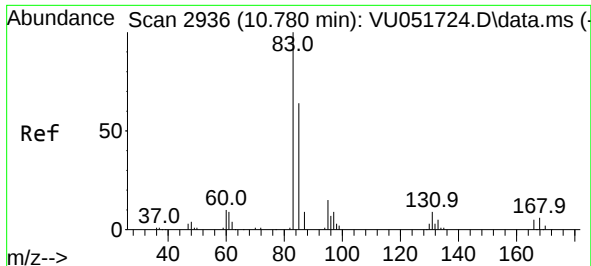
Tgt Ion:106 Resp: 152556
Ion Ratio Lower Upper
106 100
91 211.9 149.2 277.2



#55
Styrene
Concen: 5.221 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.003 min
Lab File: VU051747.D
Acq: 03 Nov 2022 20:47

Tgt Ion:104 Resp: 262399
Ion Ratio Lower Upper
104 100
78 43.6 31.8 59.0

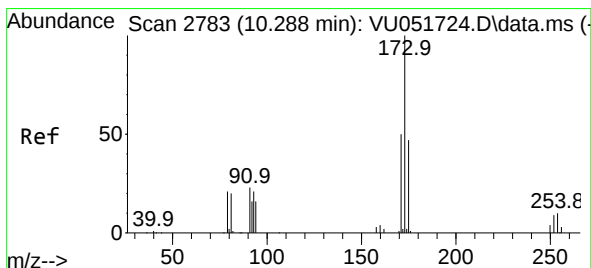
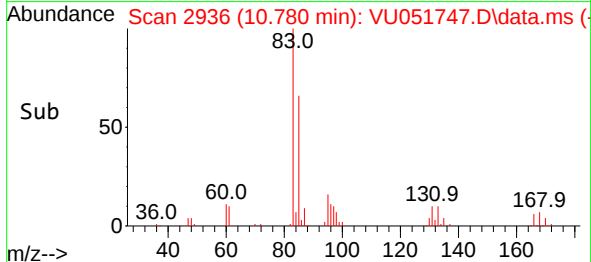
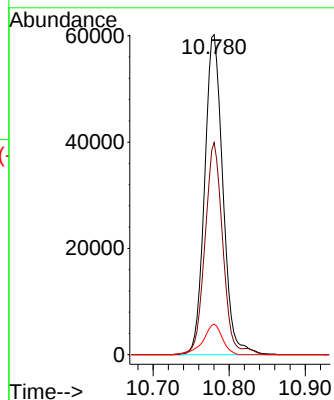
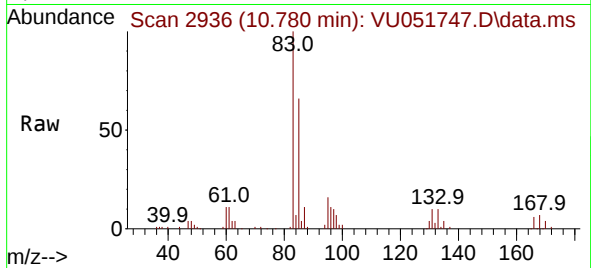




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.376 ug/L
 RT: 10.780 min Scan# 2936
 Delta R.T. 0.000 min
 Lab File: VU051747.D
 Acq: 03 Nov 2022 20:47

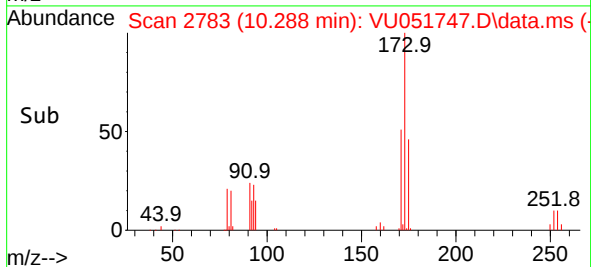
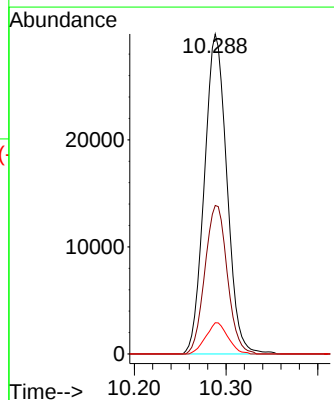
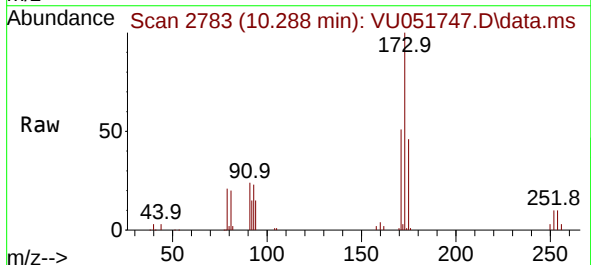
Instrument :
 MSVOA_U
 ClientSampleId :
 EW4Z2MSD

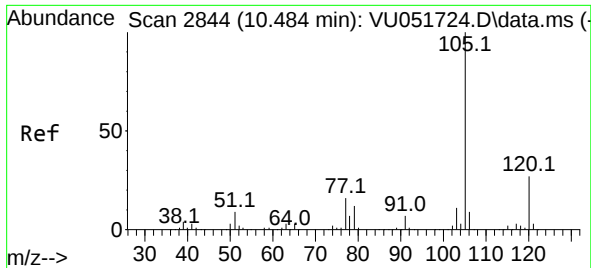
Tgt Ion: 83 Resp: 100397
 Ion Ratio Lower Upper
 83 100
 85 66.3 44.9 83.5
 131 9.6 7.8 11.8



#59
 Bromoform
 Concen: 4.783 ug/L
 RT: 10.288 min Scan# 2783
 Delta R.T. 0.000 min
 Lab File: VU051747.D
 Acq: 03 Nov 2022 20:47

Tgt Ion: 173 Resp: 50906
 Ion Ratio Lower Upper
 173 100
 175 46.3 38.7 58.1
 254 9.6 7.3 10.9

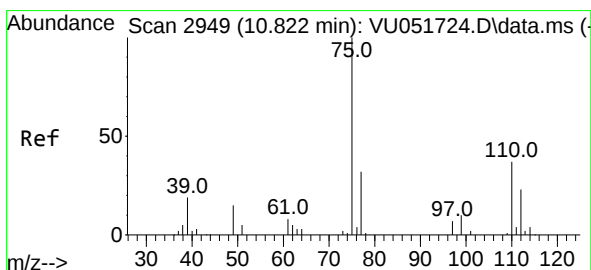
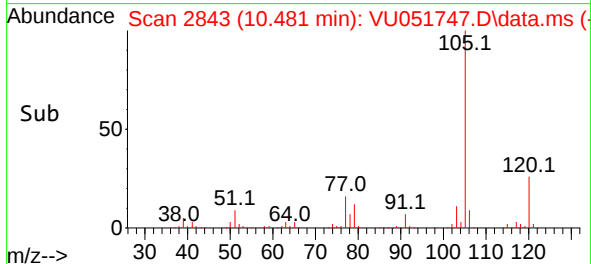
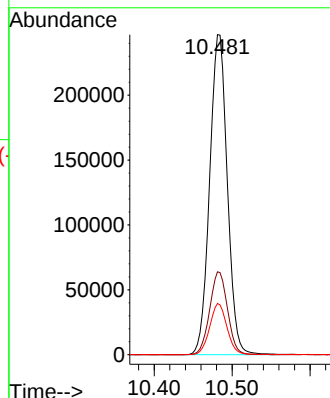
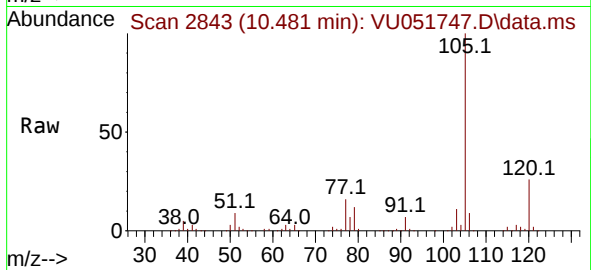




#60
Isopropylbenzene
Concen: 4.615 ug/L
RT: 10.481 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU051747.D
Acq: 03 Nov 2022 20:47

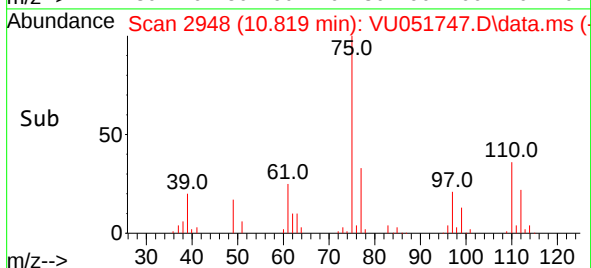
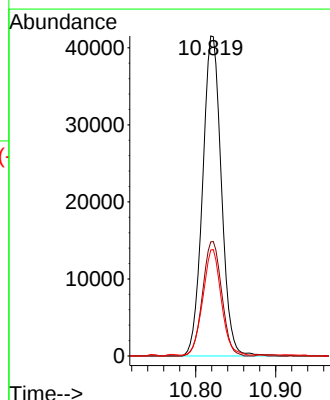
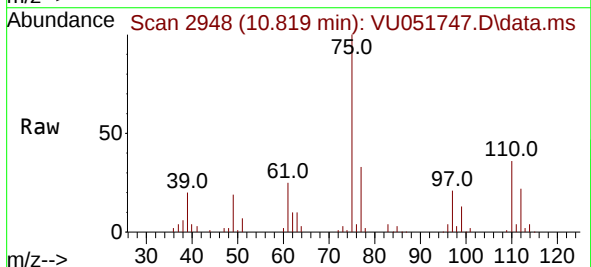
Instrument :
MSVOA_U
ClientSampleId :
EW4Z2MSD

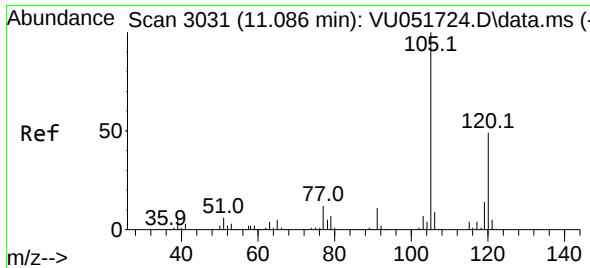
Tgt Ion:105 Resp: 388072
Ion Ratio Lower Upper
105 100
120 26.1 20.9 31.3
77 15.7 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 4.551 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU051747.D
Acq: 03 Nov 2022 20:47

Tgt Ion: 75 Resp: 67796
Ion Ratio Lower Upper
75 100
110 36.3 28.7 43.1
77 32.4 26.1 39.1

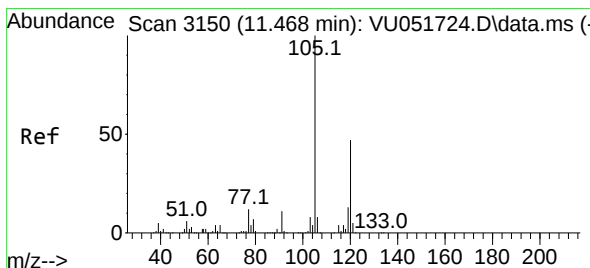
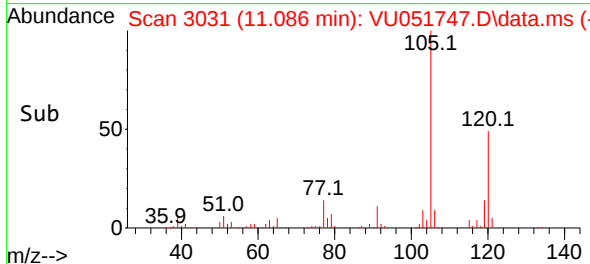
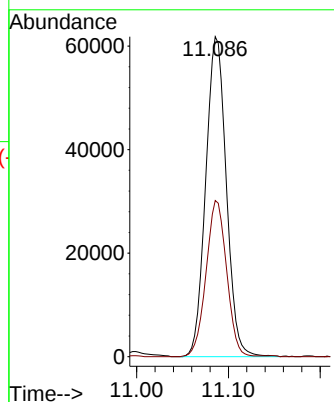
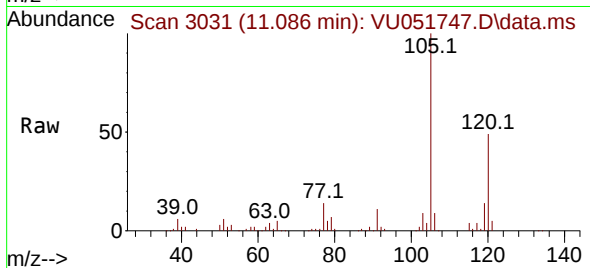




#62
 1,3,5-Trimethylbenzene
 Concen: 4.260 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. 0.000 min
 Lab File: VU051747.D
 Acq: 03 Nov 2022 20:47

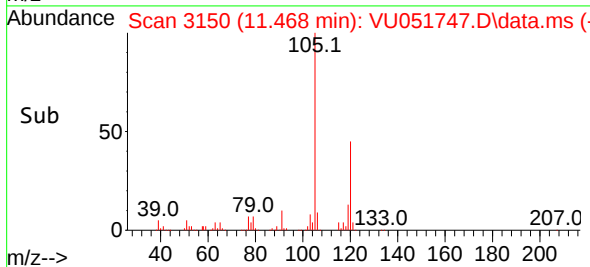
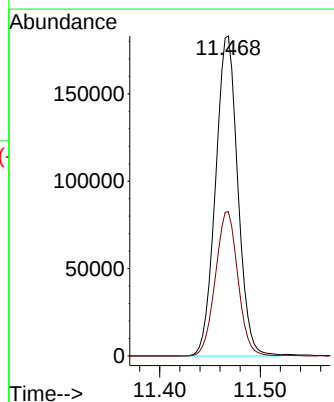
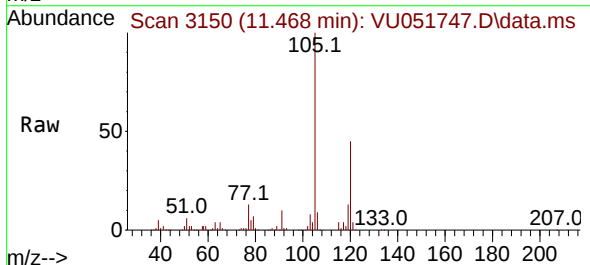
Instrument :
 MSVOA_U
 ClientSampleId :
 EW4Z2MSD

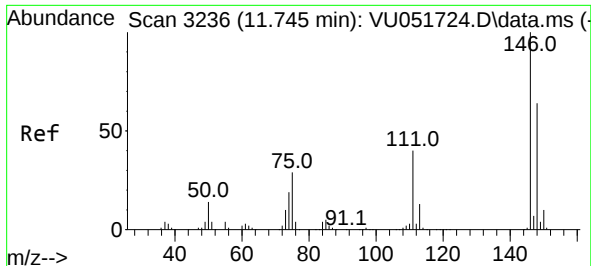
Tgt Ion:105 Resp: 96439
 Ion Ratio Lower Upper
 105 100
 120 48.8 38.6 57.8



#63
 1,2,4-Trimethylbenzene
 Concen: 4.321 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU051747.D
 Acq: 03 Nov 2022 20:47

Tgt Ion:105 Resp: 282044
 Ion Ratio Lower Upper
 105 100
 120 45.7 35.8 53.6

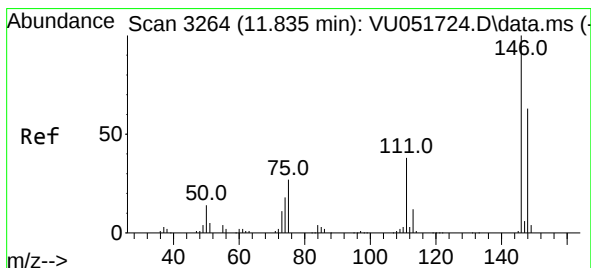
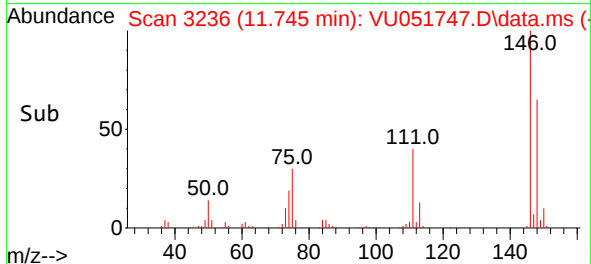
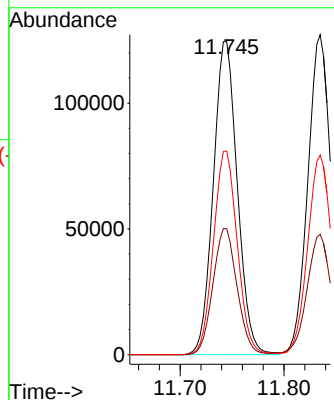
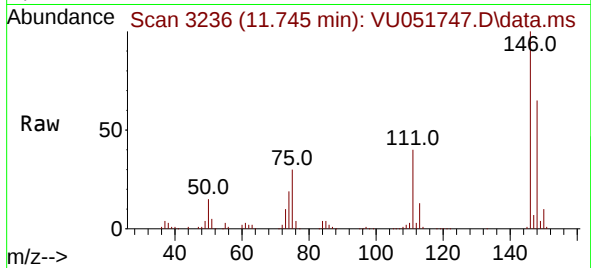




#64
1,3-Dichlorobenzene
Concen: 4.795 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051747.D
Acq: 03 Nov 2022 20:47

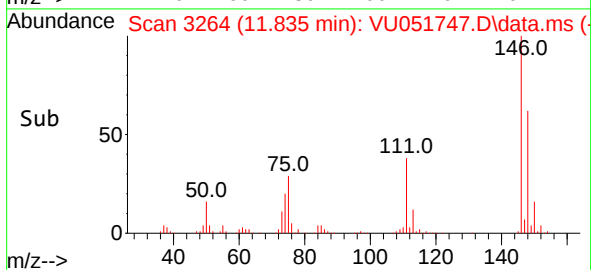
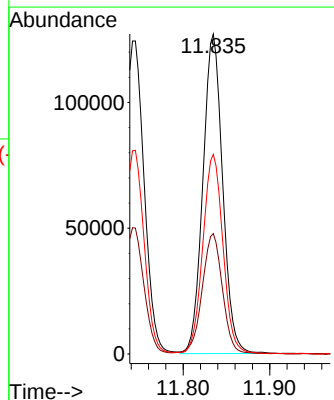
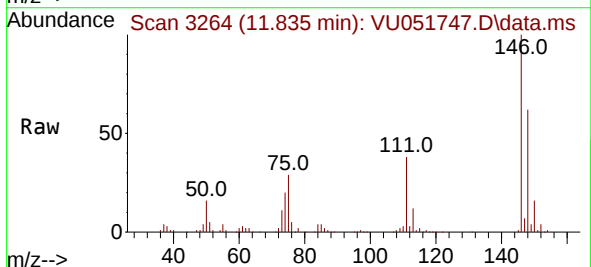
Instrument :
MSVOA_U
ClientSampleId :
EW4Z2MSD

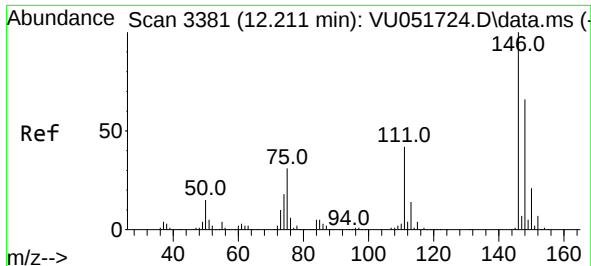
Tgt Ion:146 Resp: 200752
Ion Ratio Lower Upper
146 100
111 40.2 28.6 53.2
148 65.1 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 4.792 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051747.D
Acq: 03 Nov 2022 20:47

Tgt Ion:146 Resp: 201149
Ion Ratio Lower Upper
146 100
111 37.6 26.7 49.5
148 62.4 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 4.759 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU051747.D

Acq: 03 Nov 2022 20:47

Instrument :

MSVOA_U

ClientSampleId :

EW4Z2MSD

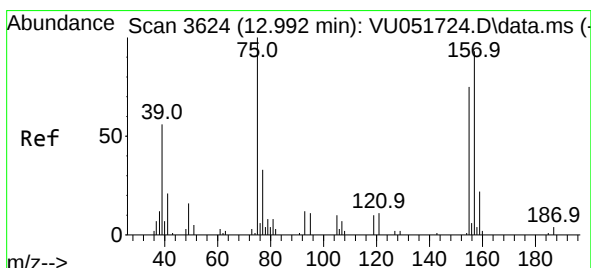
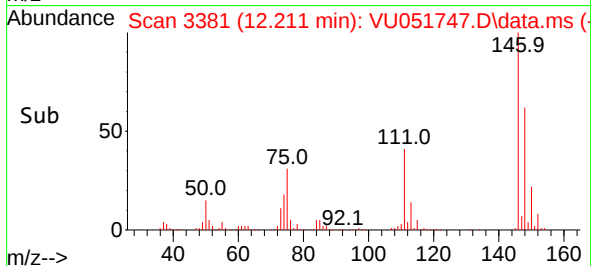
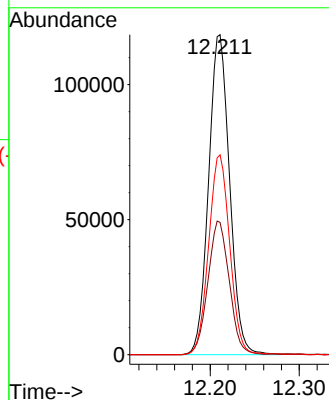
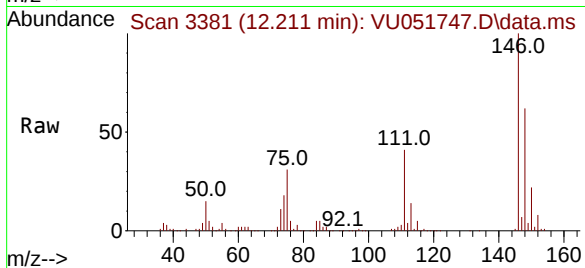
Tgt Ion:146 Resp: 194068

Ion Ratio Lower Upper

146 100

111 41.4 34.2 51.2

148 62.5 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 4.868 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.003 min

Lab File: VU051747.D

Acq: 03 Nov 2022 20:47

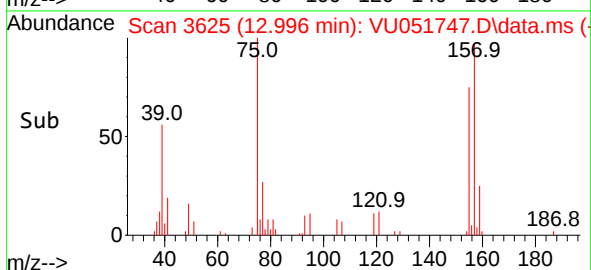
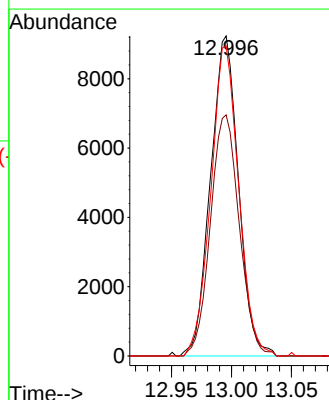
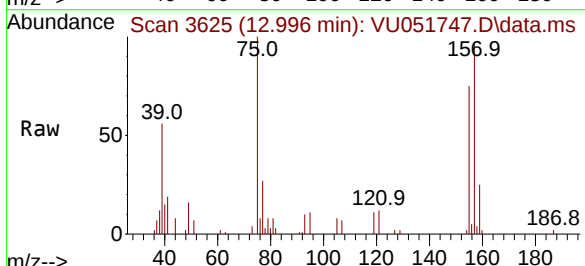
Tgt Ion: 75 Resp: 14930

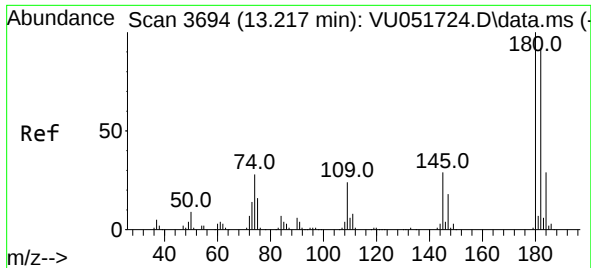
Ion Ratio Lower Upper

75 100

155 75.4 61.4 92.2

157 96.9 86.7 130.1

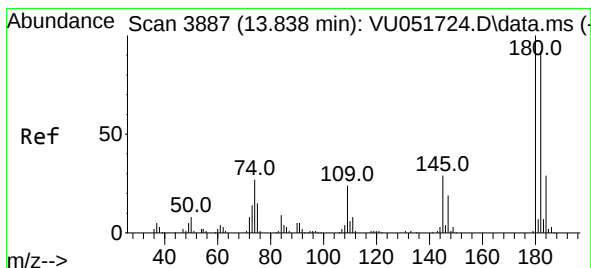
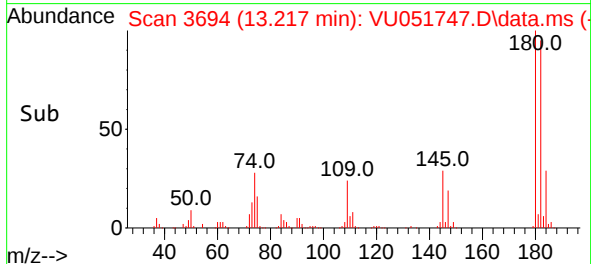
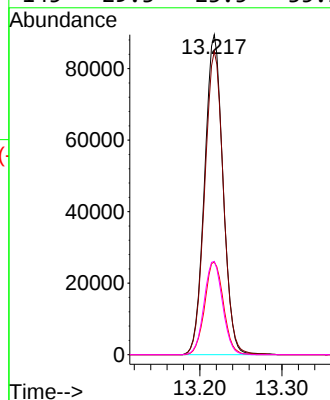
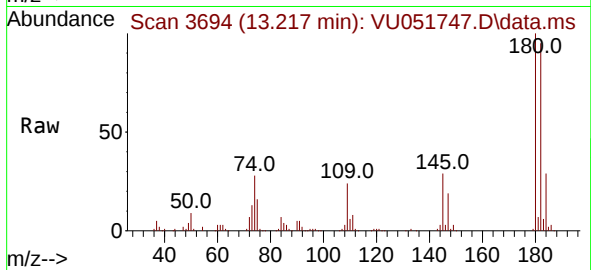




#69
 1,3,5-Trichlorobenzene
 Concen: 4.679 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU051747.D
 Acq: 03 Nov 2022 20:47

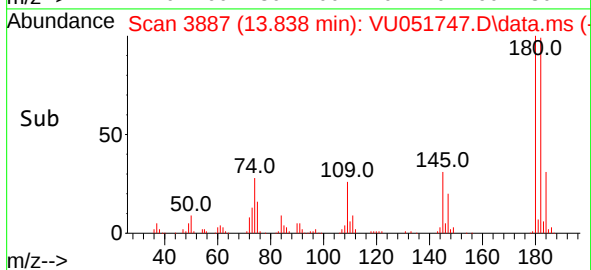
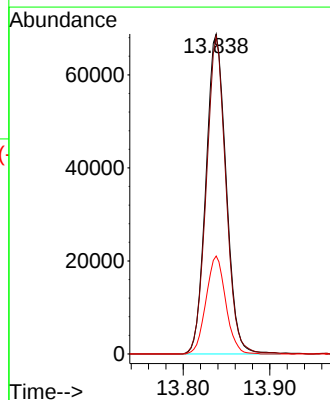
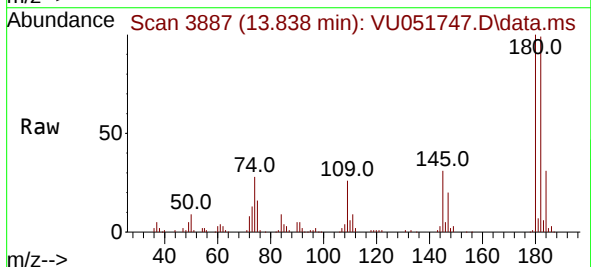
Instrument :
 MSVOA_U
 ClientSampleId :
 EW4Z2MSD

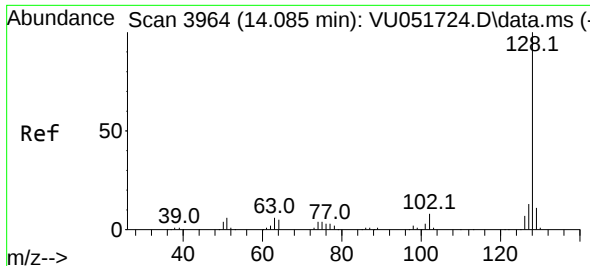
Tgt Ion:180	Resp:	139619
Ion	Ratio	Lower Upper
180	100	
182	96.2	77.0 115.6
184	29.4	23.7 35.5
145	29.3	23.5 35.3



#70
 1,2,4-trichlorobenzene
 Concen: 4.864 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU051747.D
 Acq: 03 Nov 2022 20:47

Tgt Ion:180	Resp:	111431
Ion	Ratio	Lower Upper
180	100	
182	96.0	77.8 116.6
145	29.8	25.0 37.6

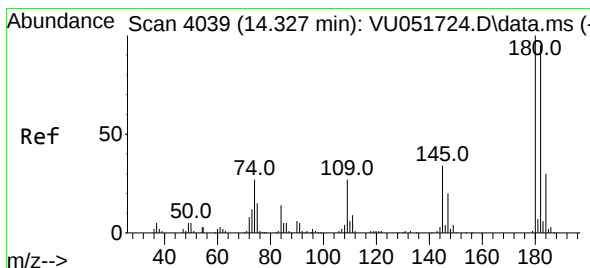
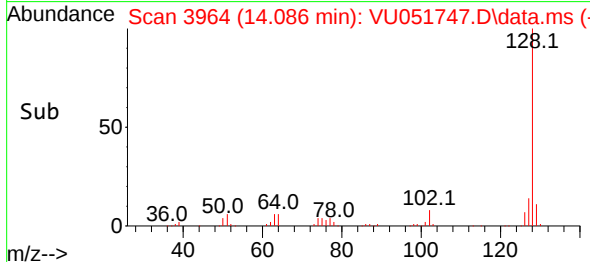
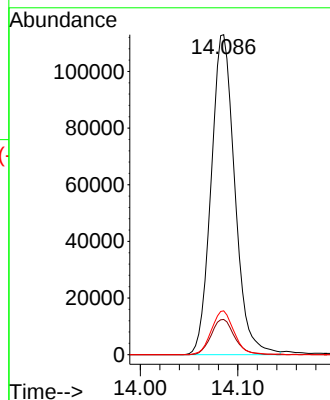
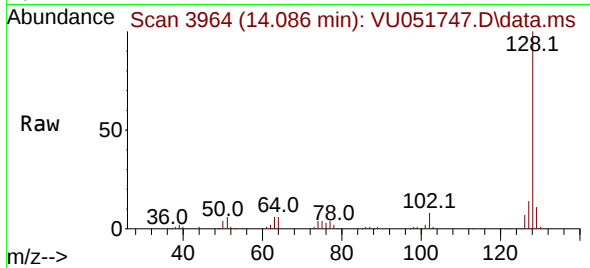




#71
Naphthalene
Concen: 4.465 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU051747.D
Acq: 03 Nov 2022 20:47

Instrument :
MSVOA_U
ClientSampleId :
EW4Z2MSD

Tgt Ion:128 Resp: 190939
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 13.1 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 4.813 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU051747.D
Acq: 03 Nov 2022 20:47

Tgt Ion:180 Resp: 111344
Ion Ratio Lower Upper
180 100
182 95.6 76.1 114.1
145 32.9 25.6 38.4

