

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110322\
 Data File : VU051746.D
 Acq On : 03 Nov 2022 20:21
 Operator : JC/MD
 Sample : N5407-14MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4Z2MS

Quant Time: Nov 04 00:54:31 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	184438	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	198926	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	113896	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	57233	4.120	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.400%
7) Chloroethane-d5	1.909	69	55144	3.806	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.200%
11) 1,1-Dichloroethene-d2	2.565	65	23907	4.742	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.800%
20) 2-Butanone-d5	4.620	46	186764	37.125	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.240%
24) Chloroform-d	5.060	84	141796	4.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.700	65	69775	3.974	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
32) Benzene-d6	5.726	84	259540	4.134	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.687	67	85994	3.918	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.400%
41) Toluene-d8	7.896	98	235745	4.775	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	8.176	79	30320	4.517	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.629	63	161348	39.934	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.860%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	85793	4.265	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	89333	4.273	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	105227	5.217	ug/L	99
3) Chloromethane	1.527	50	97185	3.822	ug/L	99
5) Vinyl chloride	1.600	62	121541	4.990	ug/L #	52
6) Bromomethane	1.851	94	15530	1.345	ug/L	96
8) Chloroethane	1.932	64	76166	5.150	ug/L	87
9) Trichlorofluoromethane	2.137	101	146986	5.497	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	87579	5.571	ug/L	98
12) 1,1-Dichloroethene	2.578	96	81914	5.109	ug/L	97
13) Acetone	2.620	43	151608	59.396	ug/L	99
14) Carbon disulfide	2.790	76	257235	4.977	ug/L	99
15) Methyl Acetate	2.948	43	35203	5.268	ug/L	97
16) Methylene chloride	3.044	84	102323	3.896	ug/L	97
17) Methyl tert-butyl Ether	3.362	73	191083	5.197	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	87184	5.067	ug/L	98
19) 1,1-Dichloroethane	3.867	63	170319	5.366	ug/L	100
21) 2-Butanone	4.700	43	234379	58.635	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	98740	5.186	ug/L	97
23) Bromochloromethane	4.973	128	47652	5.352	ug/L	99
25) Chloroform	5.086	83	180168	5.472	ug/L	99

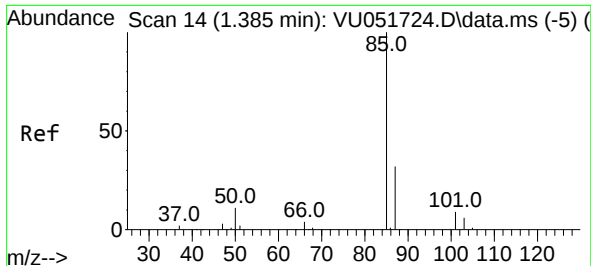
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	107153	5.288	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	138153	5.115	ug/L	99
30) Cyclohexane	5.385	56	117144	4.710	ug/L	98
31) Carbon tetrachloride	5.523	117	116866	5.059	ug/L	99
33) Benzene	5.771	78	393842	5.017	ug/L	100
34) Trichloroethene	6.539	95	90645	4.785	ug/L	99
35) Methylcyclohexane	6.761	83	122239	4.667	ug/L	97
37) 1,2-Dichloropropane	6.790	63	103701	5.136	ug/L	100
38) Bromodichloromethane	7.105	83	128422	5.207	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	125078	4.829	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	560974	55.392	ug/L	99
42) Toluene	7.967	91	429566	5.328	ug/L	97
44) trans-1,3-Dichloropropene	8.208	75	111239	5.139	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	79242	5.356	ug/L	99
47) Tetrachloroethene	8.552	164	71372	4.919	ug/L	97
48) 2-Hexanone	8.681	43	420319	56.070	ug/L	99
49) Dibromochloromethane	8.806	129	87725	5.190	ug/L	99
50) 1,2-Dibromoethane	8.922	107	72189	5.408	ug/L #	95
51) Chlorobenzene	9.446	112	257105	5.067	ug/L	98
52) Ethylbenzene	9.568	91	389516	5.007	ug/L	99
53) m,p-Xylene	9.693	106	155623	5.151	ug/L	97
54) o-Xylene	10.099	106	149536	5.064	ug/L	98
55) Styrene	10.111	104	257636	5.219	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	100742	5.491	ug/L	99
59) Bromoform	10.288	173	51140	4.859	ug/L	99
60) Isopropylbenzene	10.481	105	381163	4.584	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	69303	4.705	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	93431	4.174	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	274944	4.260	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	198766	4.802	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	200705	4.836	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	189512	4.700	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.992	75	14366	4.737	ug/L	93
69) 1,3,5-Trichlorobenzene	13.217	180	135942	4.607	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	109083	4.816	ug/L	96
71) Naphthalene	14.086	128	177408	4.196	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	105492	4.612	ug/L	98

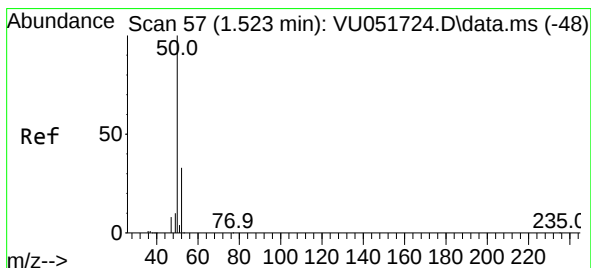
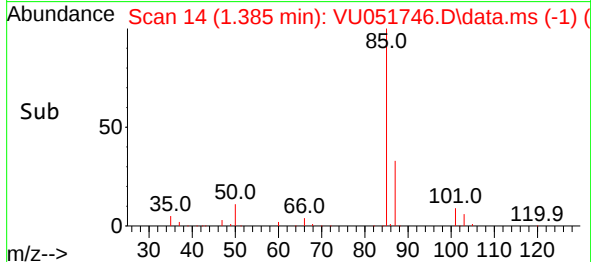
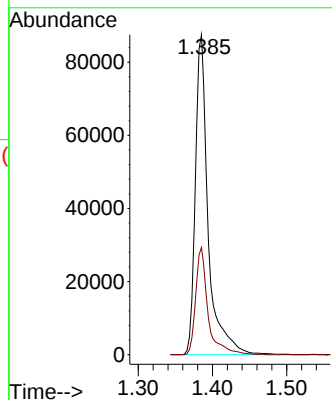
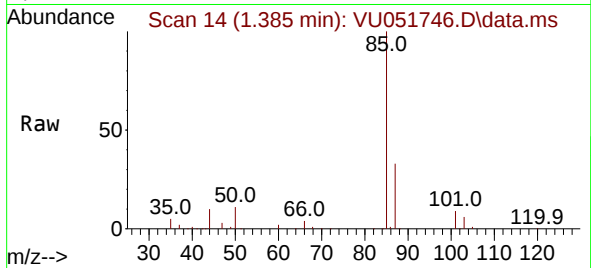
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#2
Dichlorodifluoromethane
Concen: 5.217 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051746.D
Acq: 03 Nov 2022 20:21

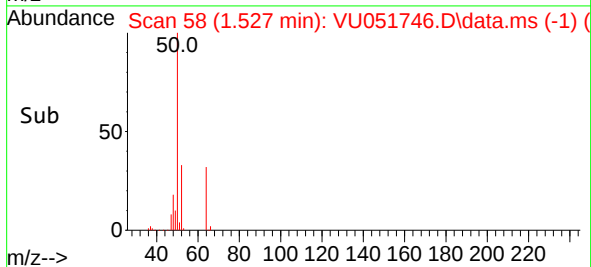
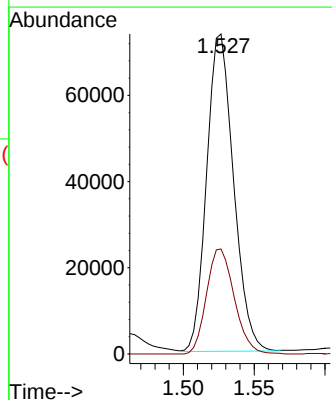
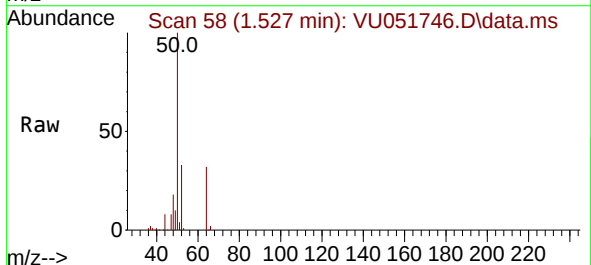
Instrument :
MSVOA_U
ClientSampleId :
EW4Z2MS

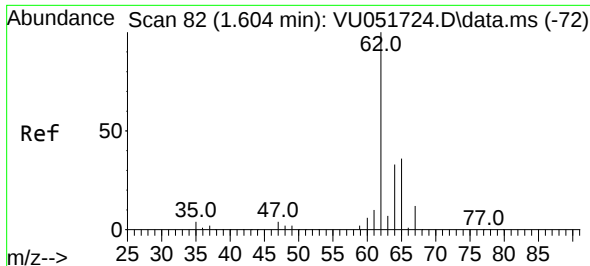
Tgt Ion: 85 Resp: 105227
Ion Ratio Lower Upper
85 100
87 32.4 25.7 38.5



#3
Chloromethane
Concen: 3.822 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU051746.D
Acq: 03 Nov 2022 20:21

Tgt Ion: 50 Resp: 97185
Ion Ratio Lower Upper
50 100
52 32.8 23.2 43.2

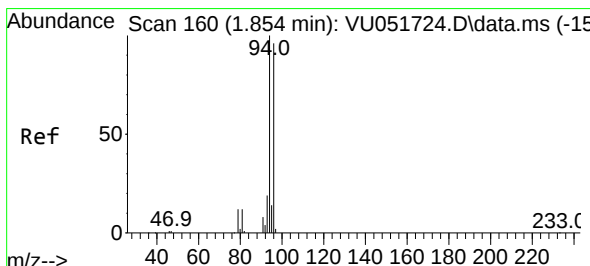
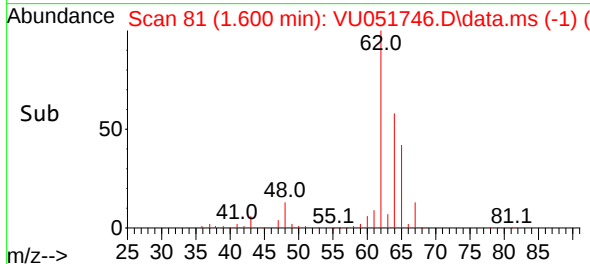
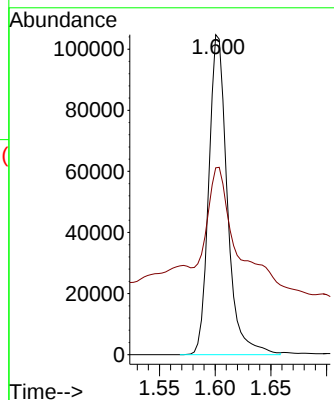
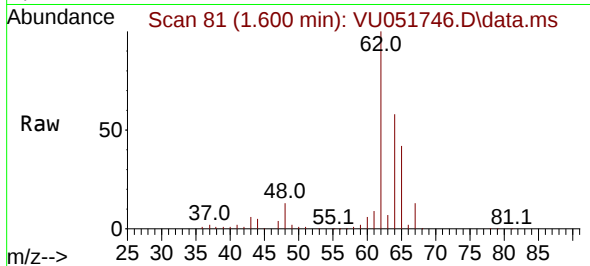




#5
 Vinyl chloride
 Concen: 4.990 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU051746.D
 Acq: 03 Nov 2022 20:21

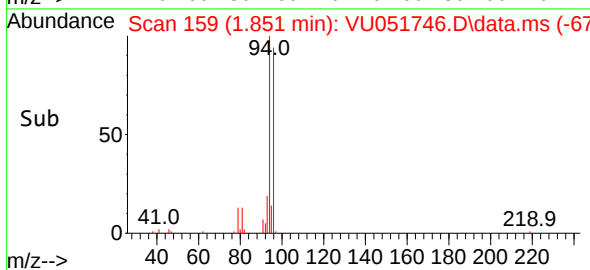
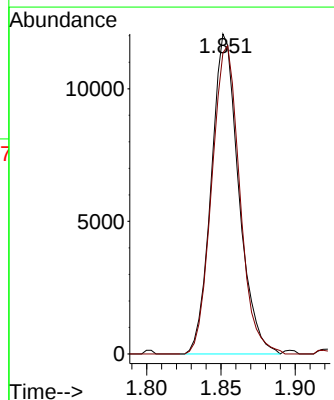
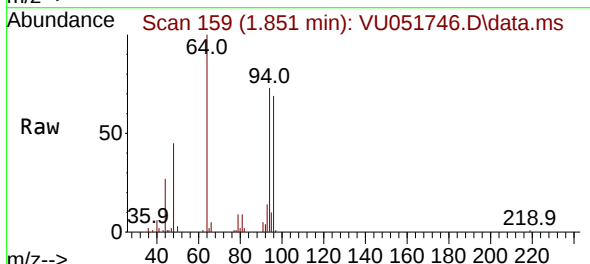
Instrument :
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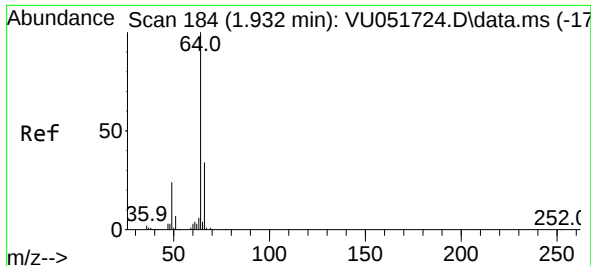
Tgt Ion: 62 Resp: 121541
 Ion Ratio Lower Upper
 62 100
 64 58.4 22.1 41.1#



#6
 Bromomethane
 Concen: 1.345 ug/L
 RT: 1.851 min Scan# 159
 Delta R.T. -0.003 min
 Lab File: VU051746.D
 Acq: 03 Nov 2022 20:21

Tgt Ion: 94 Resp: 15530
 Ion Ratio Lower Upper
 94 100
 96 94.1 63.2 117.4

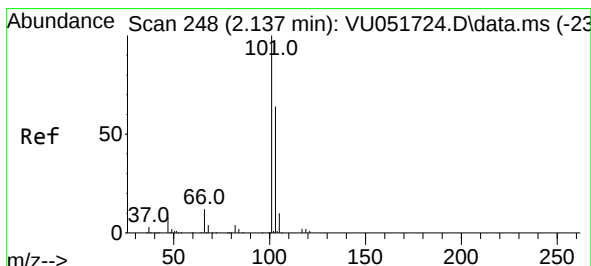
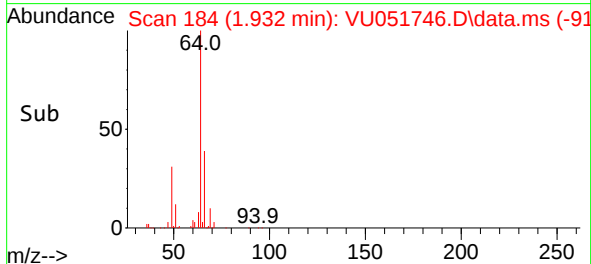
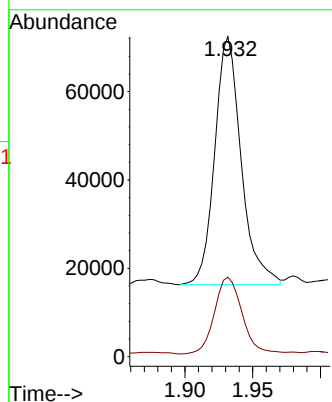
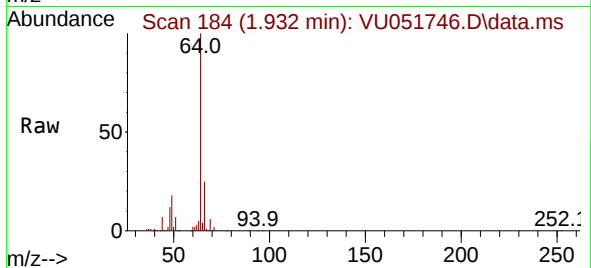




#8
Chloroethane
Concen: 5.150 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU051746.D
Acq: 03 Nov 2022 20:21

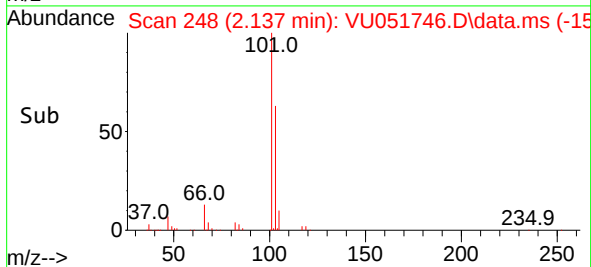
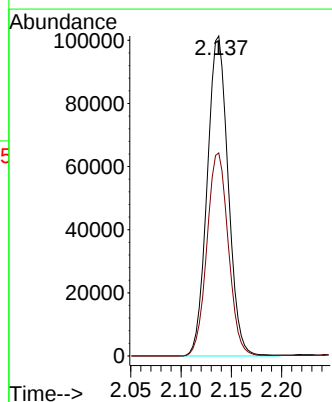
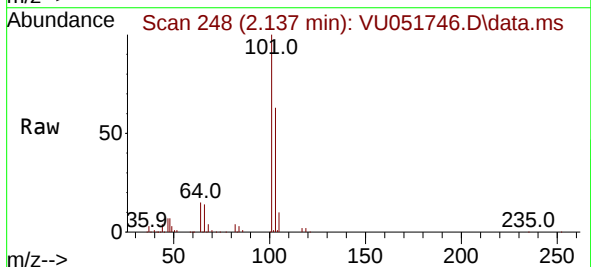
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ClientSampleId :
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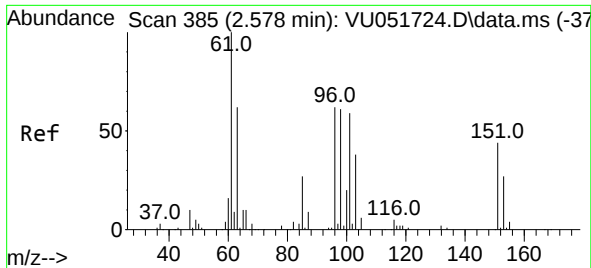
Tgt Ion: 64 Resp: 76166
Ion Ratio Lower Upper
64 100
66 24.9 22.3 41.5



#9
Trichlorofluoromethane
Concen: 5.497 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU051746.D
Acq: 03 Nov 2022 20:21

Tgt Ion: 101 Resp: 146986
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.6

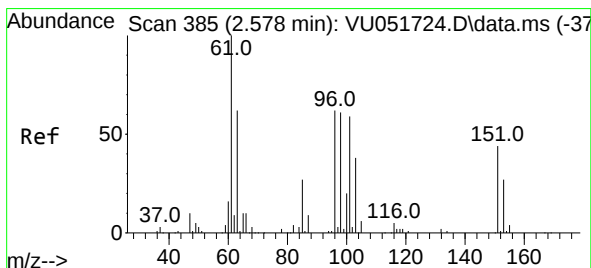
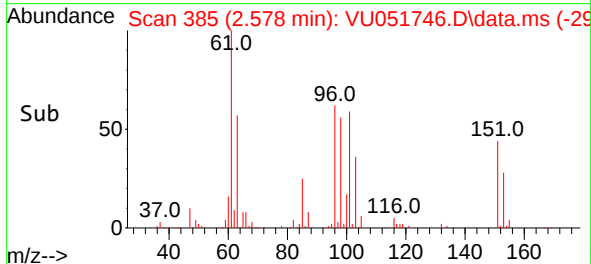
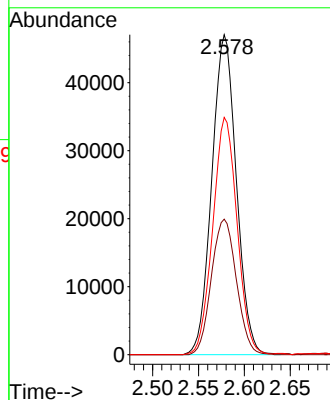
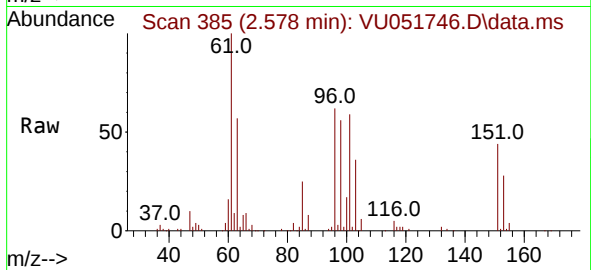




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.571 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051746.D
 Acq: 03 Nov 2022 20:21

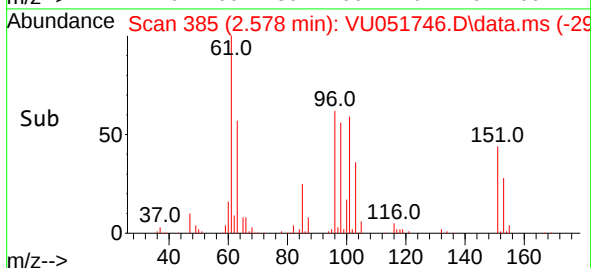
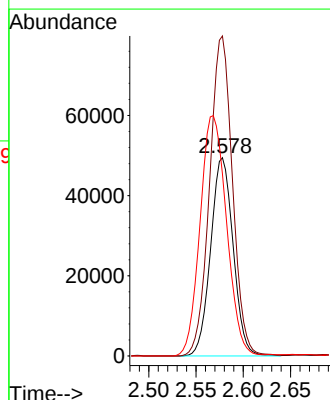
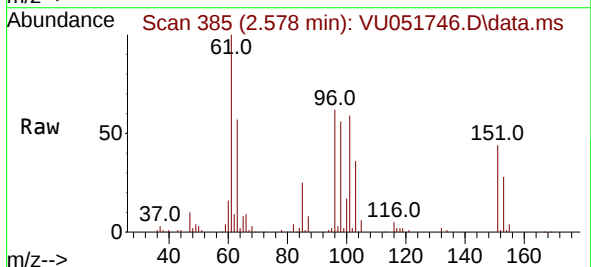
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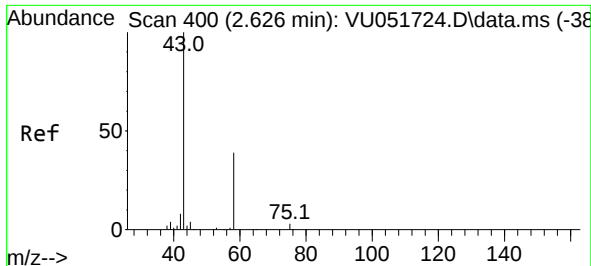
Tgt Ion: 101 Resp: 87579
 Ion Ratio Lower Upper
 101 100
 85 43.2 35.6 53.4
 151 73.5 59.6 89.4



#12
 1,1-Dichloroethene
 Concen: 5.109 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051746.D
 Acq: 03 Nov 2022 20:21

Tgt Ion: 96 Resp: 81914
 Ion Ratio Lower Upper
 96 100
 61 161.4 108.8 202.0
 63 91.8 64.9 120.5





#13

Acetone

Concen: 59.396 ug/L

RT: 2.620 min Scan# 398

Delta R.T. -0.006 min

Lab File: VU051746.D

Acq: 03 Nov 2022 20:21

Instrument :

MSVOA_U

ClientSampleId :

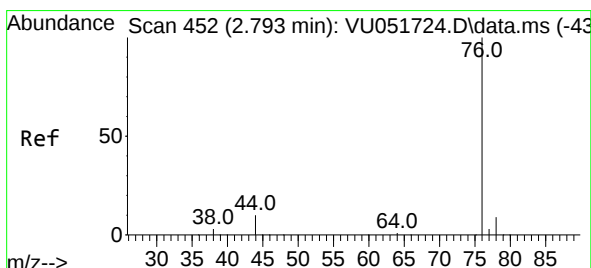
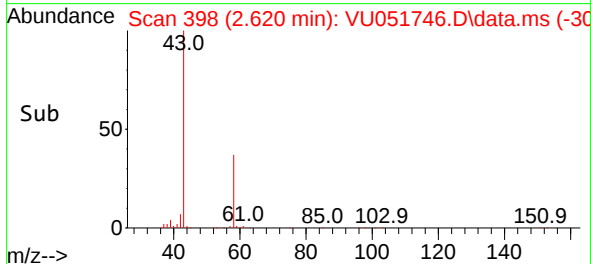
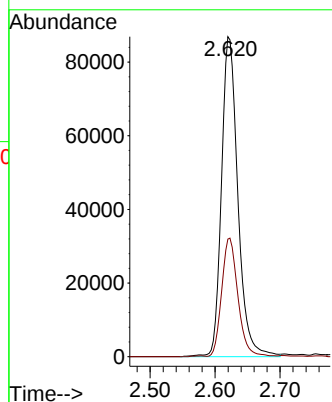
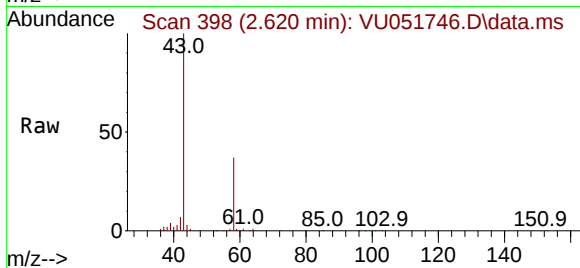
EW4Z2MS

Tgt Ion: 43 Resp: 151608

Ion Ratio Lower Upper

43 100

58 36.3 0.0 73.8



#14

Carbon disulfide

Concen: 4.977 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU051746.D

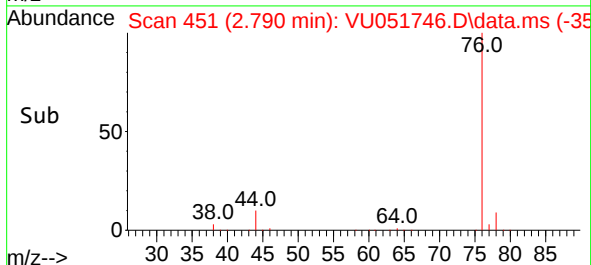
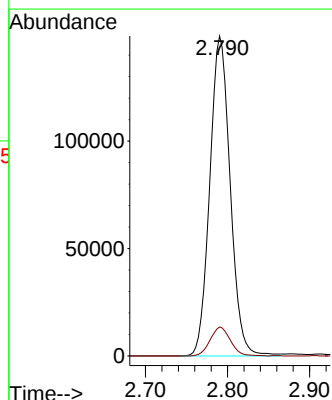
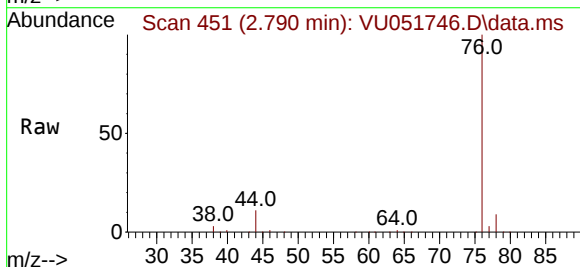
Acq: 03 Nov 2022 20:21

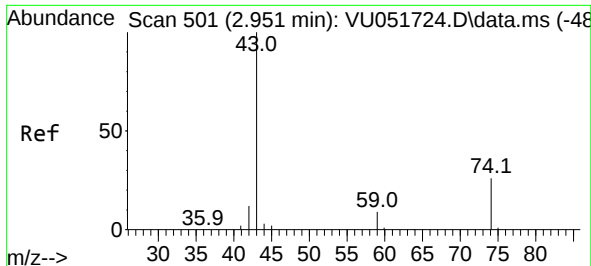
Tgt Ion: 76 Resp: 257235

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2

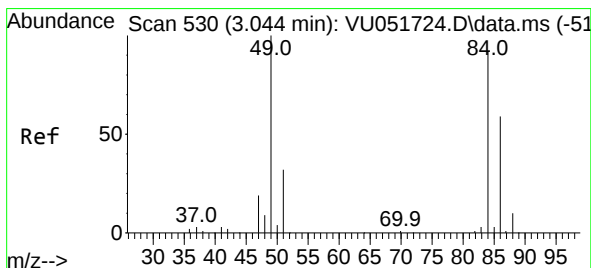
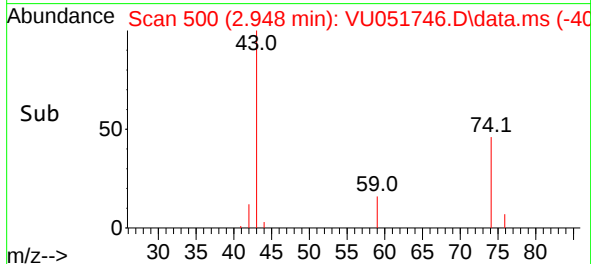
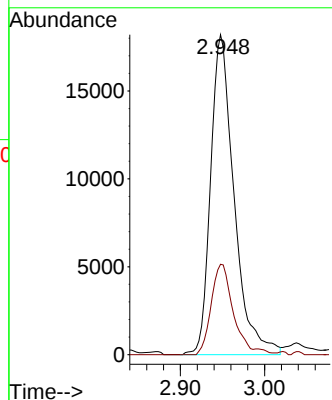
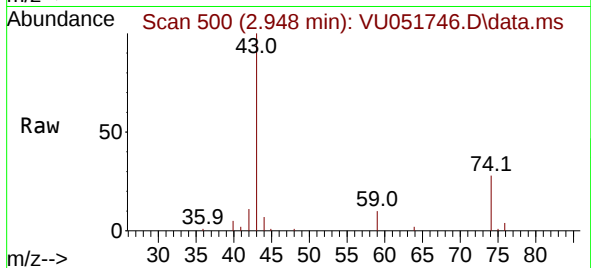




#15
Methyl Acetate
Concen: 5.268 ug/L
RT: 2.948 min Scan# 501
Delta R.T. -0.003 min
Lab File: VU051746.D
Acq: 03 Nov 2022 20:21

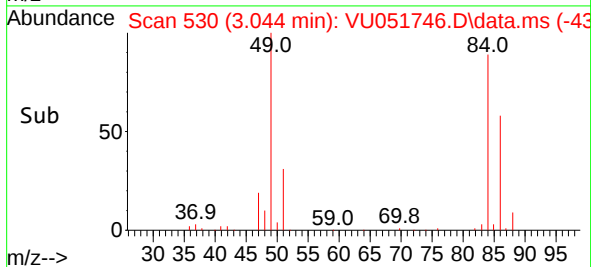
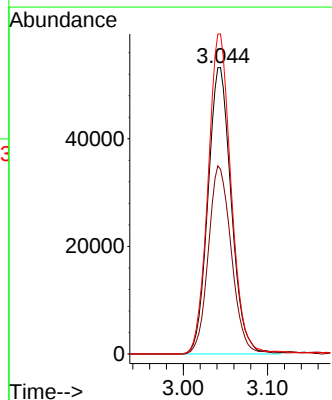
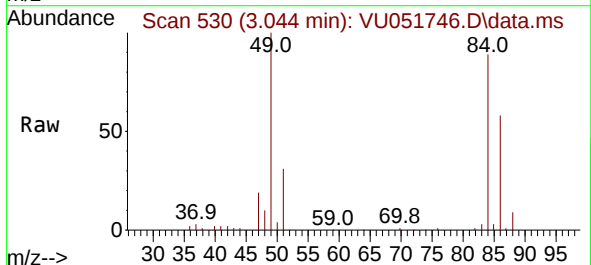
Instrument :
MSVOA_U
ClientSampleId :
EW4Z2MS

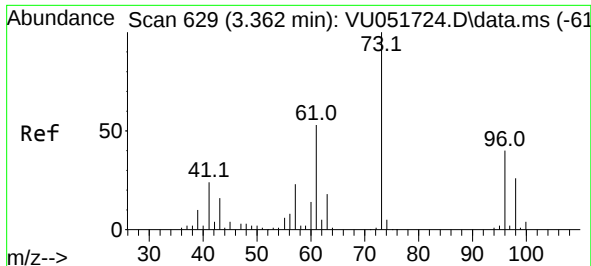
Tgt Ion: 43 Resp: 35203
Ion Ratio Lower Upper
43 100
74 26.9 20.2 30.4



#16
Methylene chloride
Concen: 3.896 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU051746.D
Acq: 03 Nov 2022 20:21

Tgt Ion: 84 Resp: 102323
Ion Ratio Lower Upper
84 100
86 64.5 46.3 85.9
49 111.7 76.0 141.2





#17

Methyl tert-butyl Ether

Concen: 5.197 ug/L

RT: 3.362 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU051746.D

Acq: 03 Nov 2022 20:21

Instrument :

MSVOA_U

ClientSampleId :

EW4Z2MS

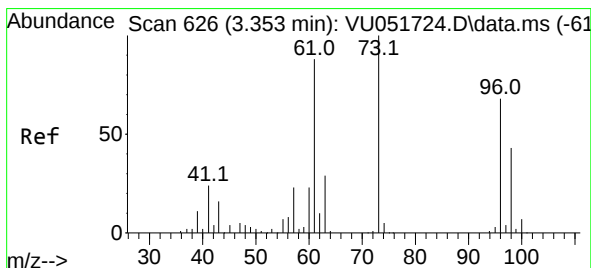
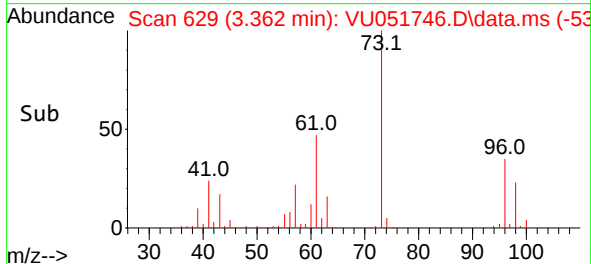
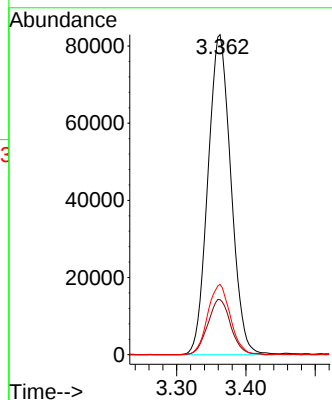
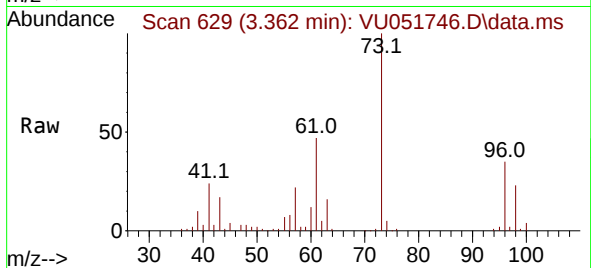
Tgt Ion: 73 Resp: 191083

Ion Ratio Lower Upper

73 100

43 17.3 13.6 20.4

57 21.6 17.5 26.3



#18

trans-1,2-Dichloroethene

Concen: 5.067 ug/L

RT: 3.350 min Scan# 625

Delta R.T. -0.003 min

Lab File: VU051746.D

Acq: 03 Nov 2022 20:21

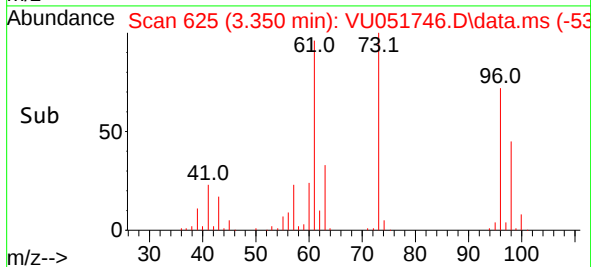
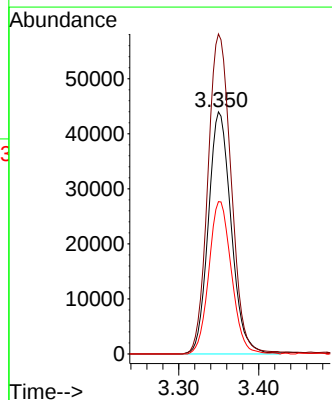
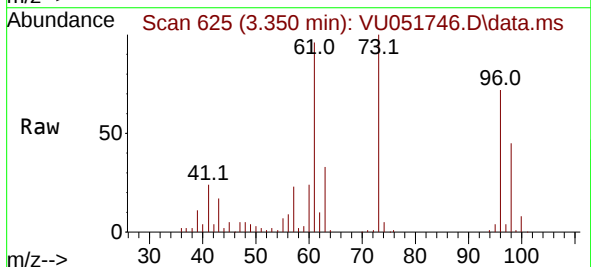
Tgt Ion: 96 Resp: 87184

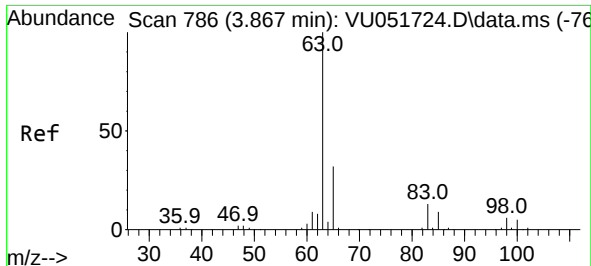
Ion Ratio Lower Upper

96 100

61 132.2 94.7 175.9

98 62.9 44.2 82.0

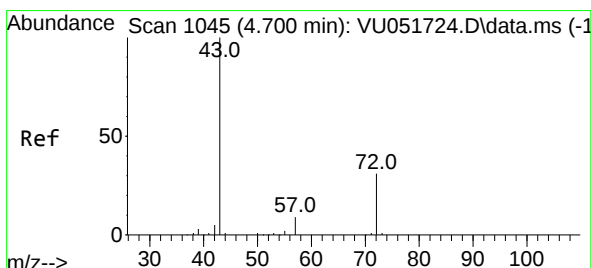
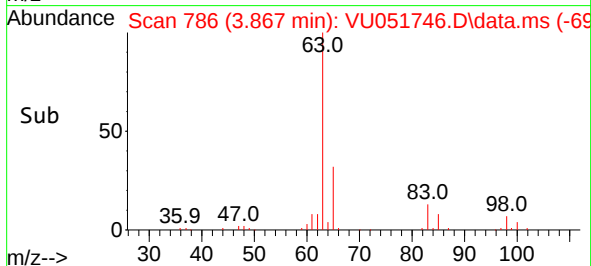
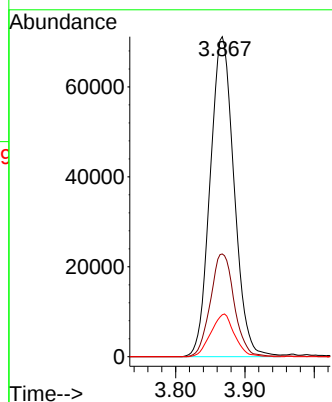
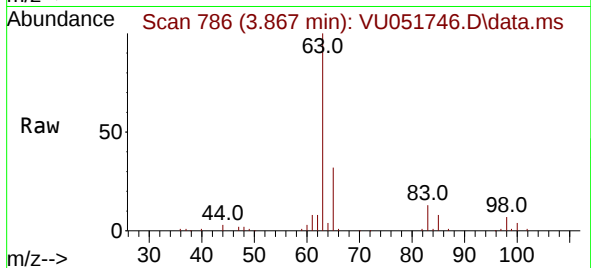




#19
1,1-Dichloroethane
Concen: 5.366 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU051746.D
Acq: 03 Nov 2022 20:21

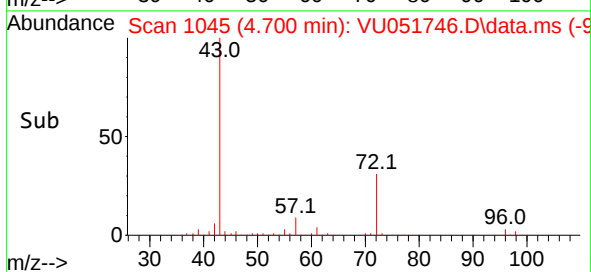
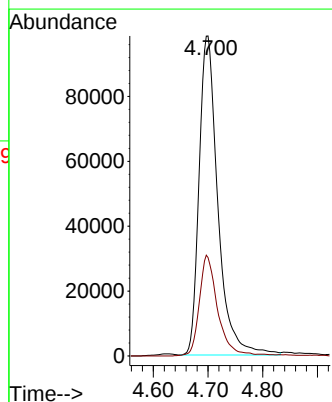
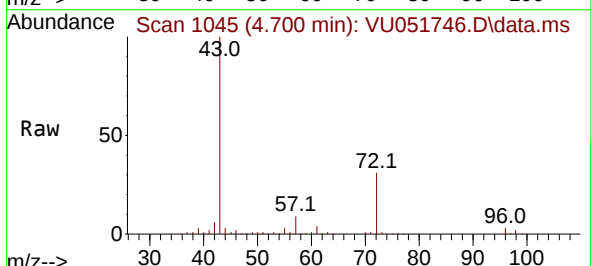
Instrument :
MSVOA_U
ClientSampleId :
EW4Z2MS

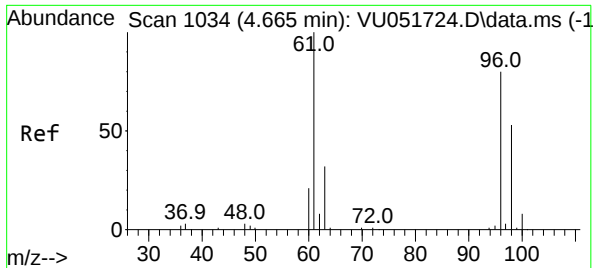
Tgt Ion: 63 Resp: 170319
Ion Ratio Lower Upper
63 100
65 32.1 22.7 42.1
83 13.1 9.2 17.0



#21
2-Butanone
Concen: 58.635 ug/L
RT: 4.700 min Scan# 1045
Delta R.T. 0.000 min
Lab File: VU051746.D
Acq: 03 Nov 2022 20:21

Tgt Ion: 43 Resp: 234379
Ion Ratio Lower Upper
43 100
72 30.6 16.2 48.5

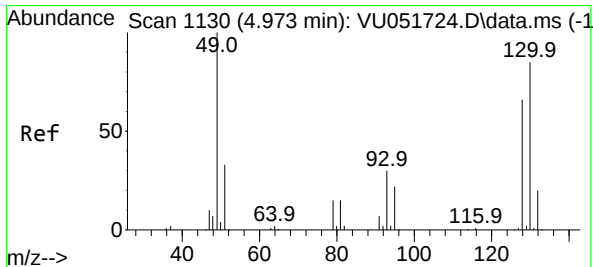
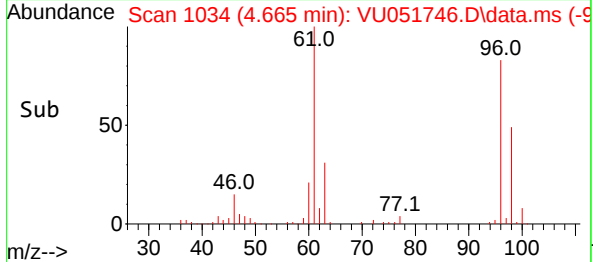
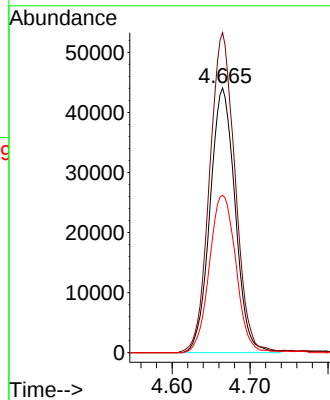
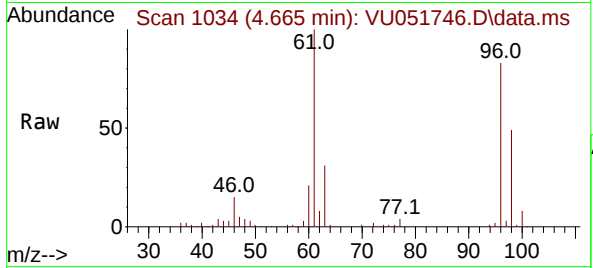




#22
 cis-1,2-Dichloroethene
 Concen: 5.186 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU051746.D
 Acq: 03 Nov 2022 20:21

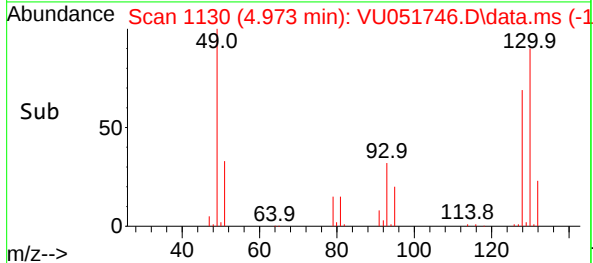
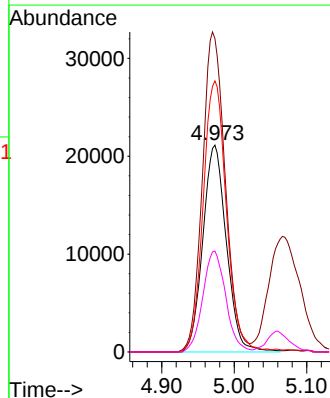
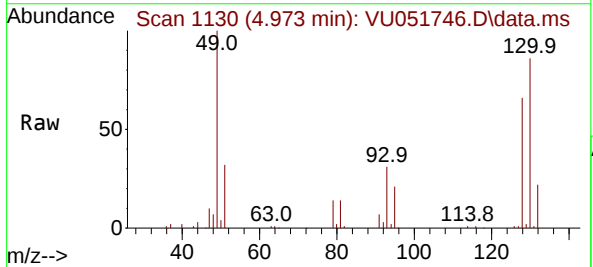
Instrument :
 MSVOA_U
 ClientSampleId :
 EW4Z2MS

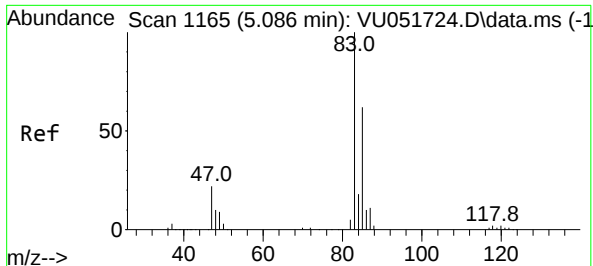
Tgt Ion: 96	Resp:	98740
Ion	Ratio	Lower Upper
96	100	
61	120.9	86.4 160.4
98	59.5	44.2 82.2



#23
 Bromochloromethane
 Concen: 5.352 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VU051746.D
 Acq: 03 Nov 2022 20:21

Tgt Ion: 128	Resp:	47652
Ion	Ratio	Lower Upper
128	100	
49	151.5	105.5 195.9
130	130.9	93.5 173.7
51	48.8	40.1 60.1





#25

Chloroform

Concen: 5.472 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051746.D

Acq: 03 Nov 2022 20:21

Instrument :

MSVOA_U

ClientSampleId :

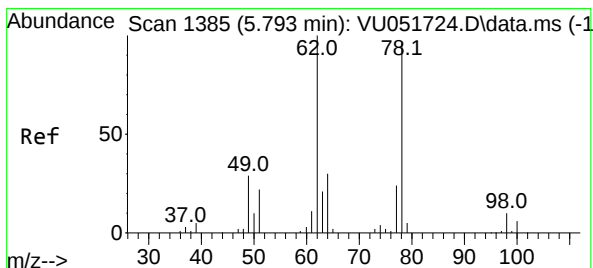
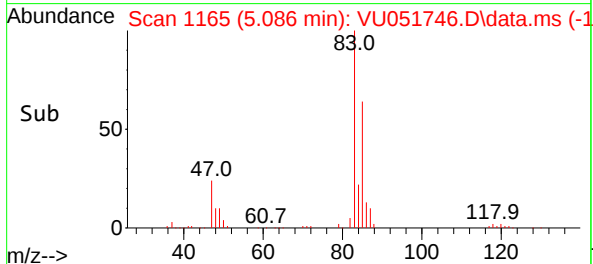
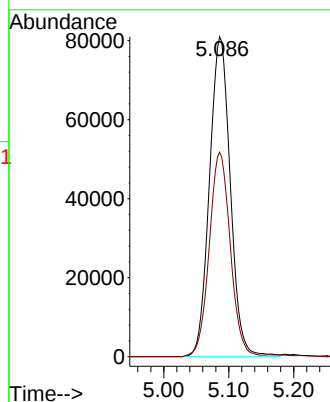
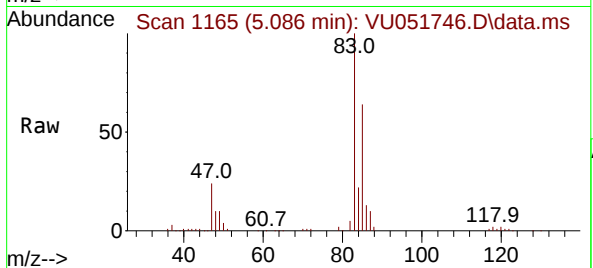
EW4Z2MS

Tgt Ion: 83 Resp: 180168

Ion Ratio Lower Upper

83 100

85 63.9 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.288 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU051746.D

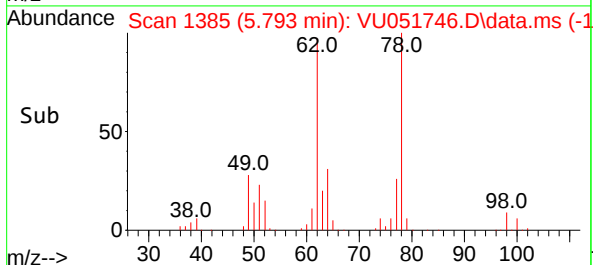
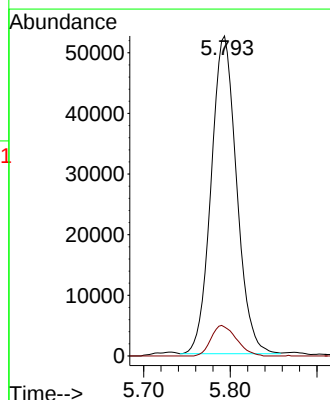
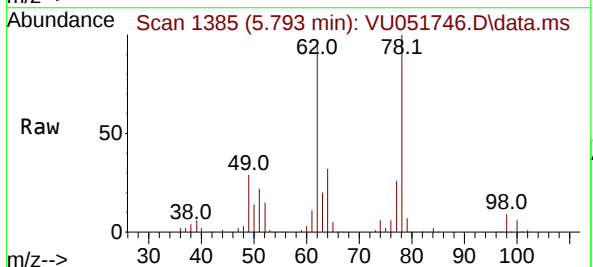
Acq: 03 Nov 2022 20:21

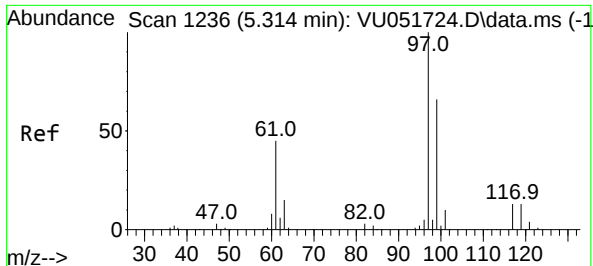
Tgt Ion: 62 Resp: 107153

Ion Ratio Lower Upper

62 100

98 9.1 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 5.115 ug/L

RT: 5.314 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051746.D

Acq: 03 Nov 2022 20:21

Instrument :

MSVOA_U

ClientSampleId :

EW4Z2MS

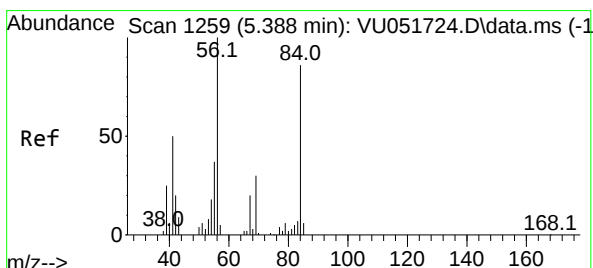
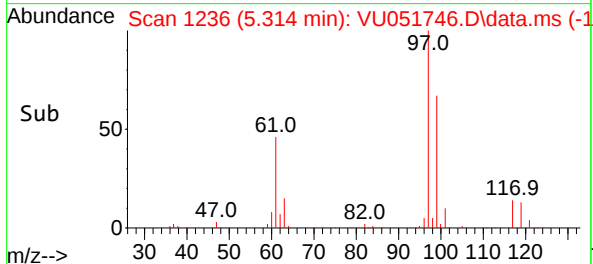
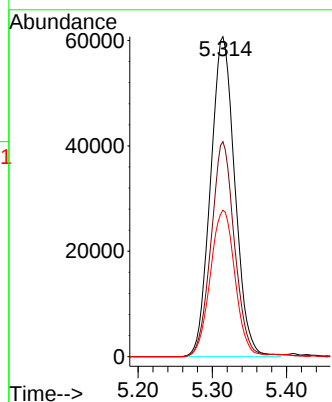
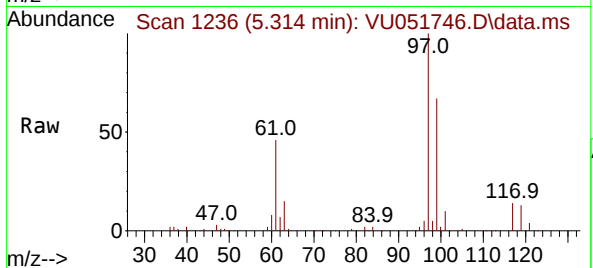
Tgt Ion: 97 Resp: 138153

Ion Ratio Lower Upper

97 100

99 64.8 51.1 76.7

61 46.5 37.4 56.0



#30

Cyclohexane

Concen: 4.710 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. -0.003 min

Lab File: VU051746.D

Acq: 03 Nov 2022 20:21

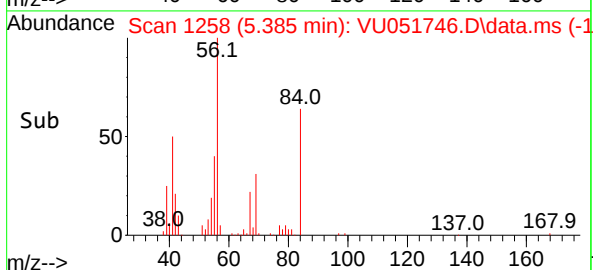
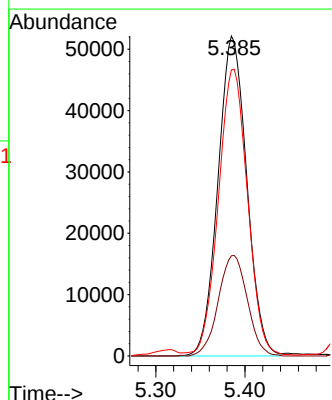
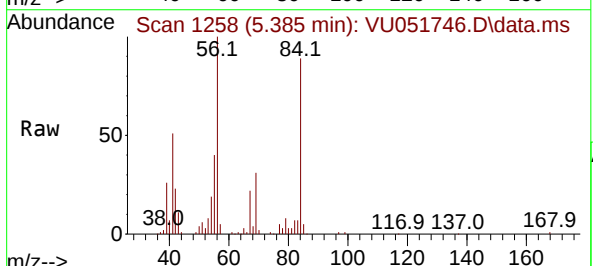
Tgt Ion: 56 Resp: 117144

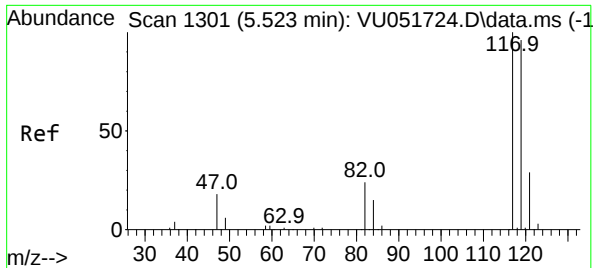
Ion Ratio Lower Upper

56 100

69 31.6 25.4 38.0

84 91.1 71.4 107.0

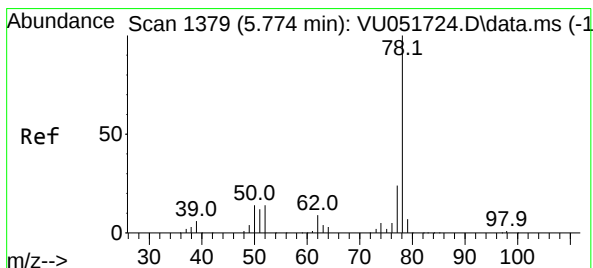
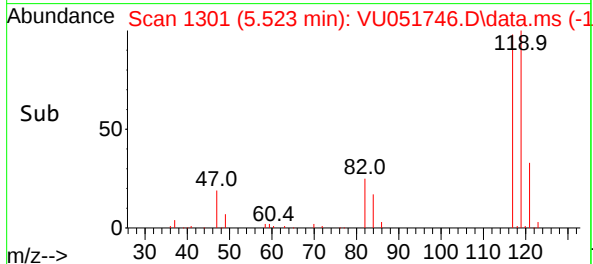
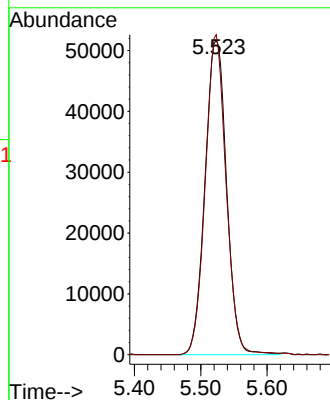
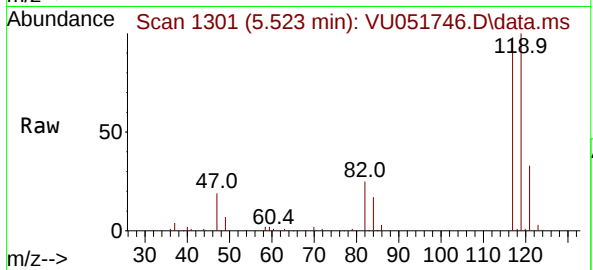




#31
Carbon tetrachloride
Concen: 5.059 ug/L
RT: 5.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051746.D
Acq: 03 Nov 2022 20:21

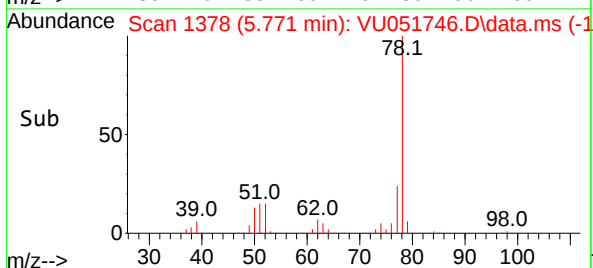
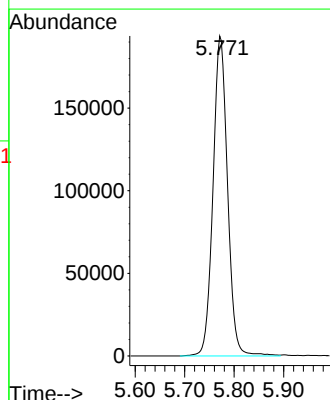
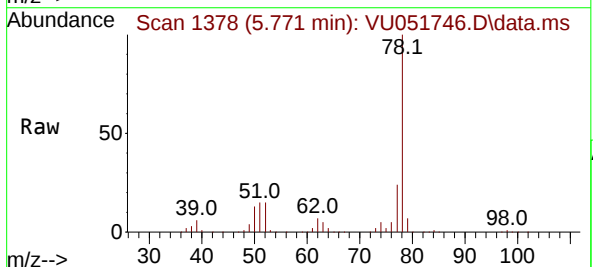
Instrument :
MSVOA_U
ClientSampleId :
EW4Z2MS

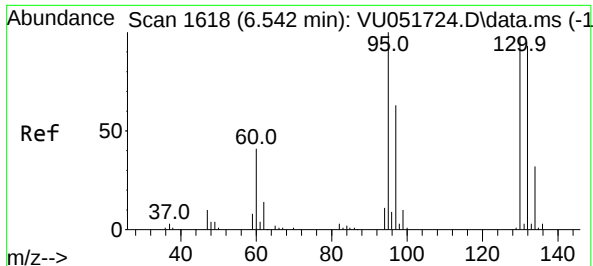
Tgt Ion:117 Resp: 116866
Ion Ratio Lower Upper
117 100
119 97.9 77.5 116.3



#33
Benzene
Concen: 5.017 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU051746.D
Acq: 03 Nov 2022 20:21

Tgt Ion: 78 Resp: 393842

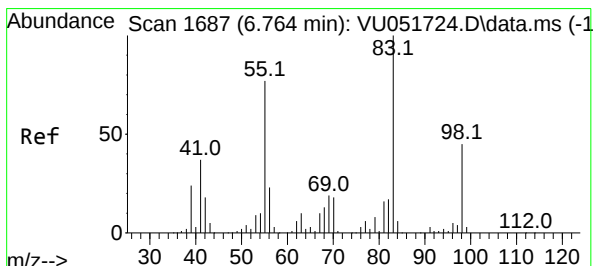
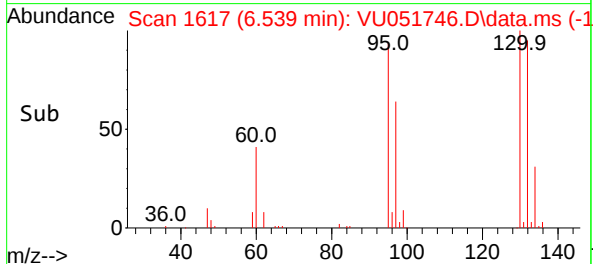
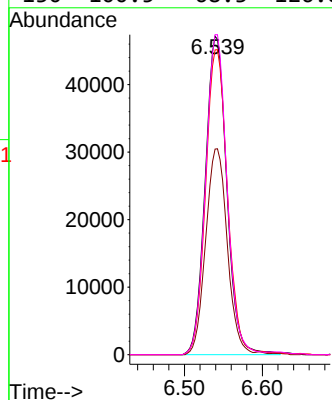
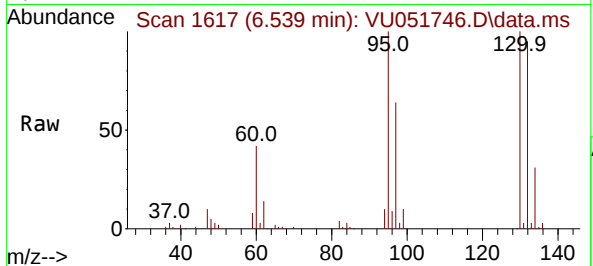




#34
Trichloroethene
Concen: 4.785 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU051746.D
Acq: 03 Nov 2022 20:21

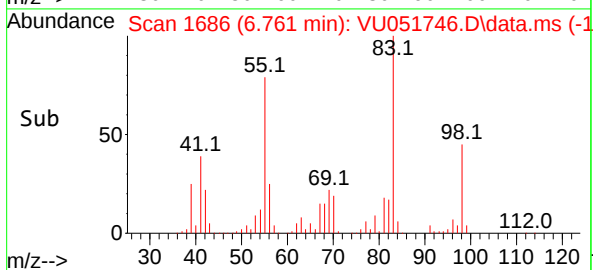
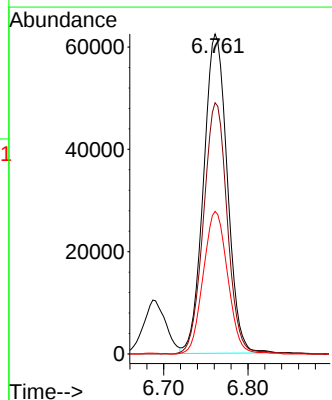
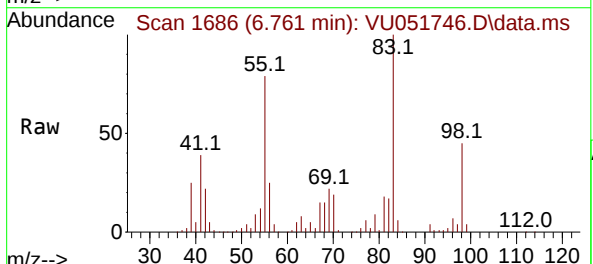
Instrument :
MSVOA_U
ClientSampleId :
EW4Z2MS

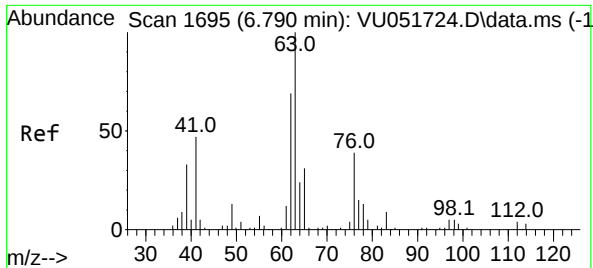
Tgt Ion: 95 Resp: 90645
Ion Ratio Lower Upper
95 100
97 64.6 45.2 84.0
132 95.7 66.5 123.5
130 100.5 68.3 126.8



#35
Methylcyclohexane
Concen: 4.667 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU051746.D
Acq: 03 Nov 2022 20:21

Tgt Ion: 83 Resp: 122239
Ion Ratio Lower Upper
83 100
55 79.3 60.6 90.8
98 46.1 35.8 53.6

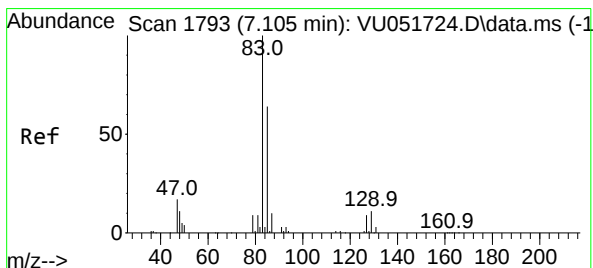
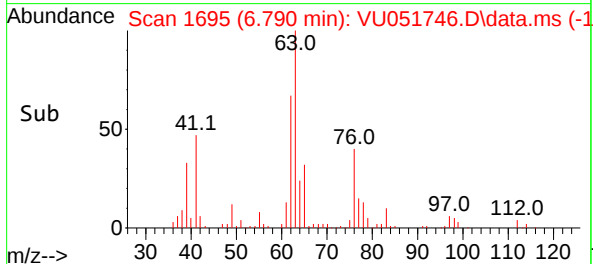
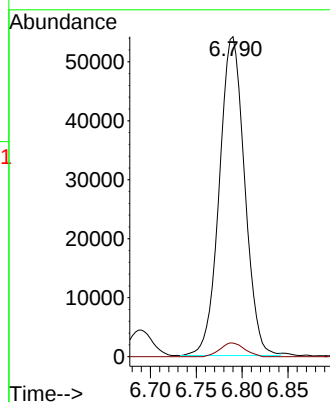
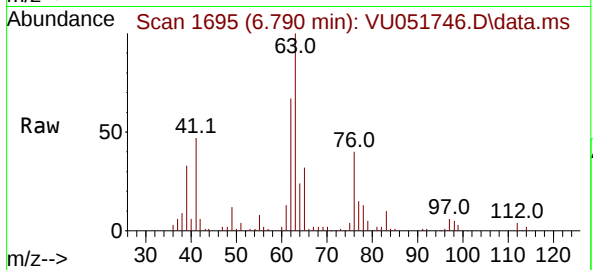




#37
1,2-Dichloropropane
Concen: 5.136 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VU051746.D
Acq: 03 Nov 2022 20:21

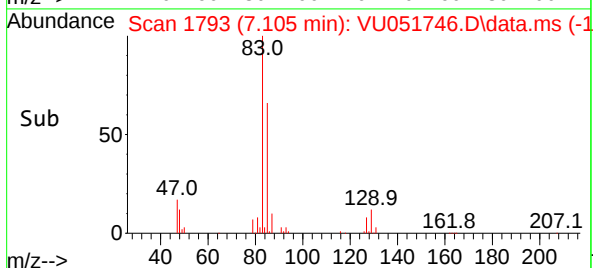
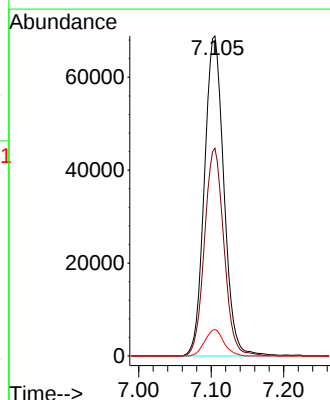
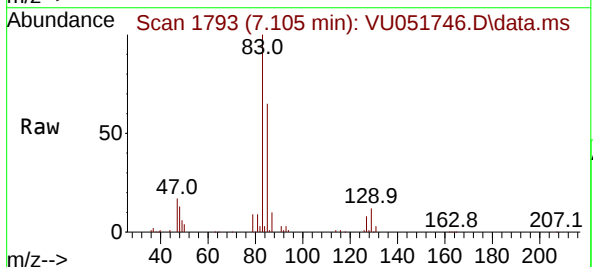
Instrument :
MSVOA_U
ClientSampleId :
EW4Z2MS

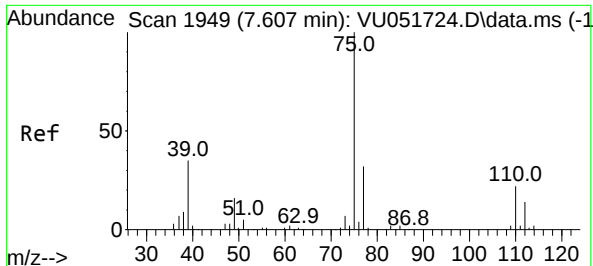
Tgt Ion: 63 Resp: 103701
Ion Ratio Lower Upper
63 100
112 4.2 3.3 4.9



#38
Bromodichloromethane
Concen: 5.207 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU051746.D
Acq: 03 Nov 2022 20:21

Tgt Ion: 83 Resp: 128422
Ion Ratio Lower Upper
83 100
85 64.9 45.1 83.7
127 8.2 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 4.829 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU051746.D

Acq: 03 Nov 2022 20:21

Instrument :

MSVOA_U

ClientSampleId :

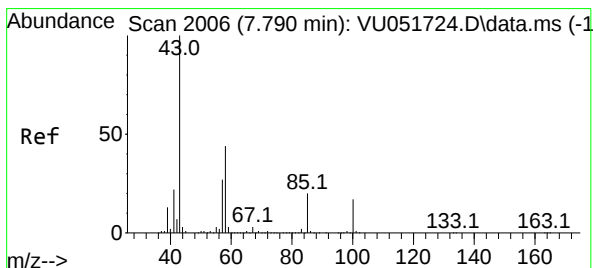
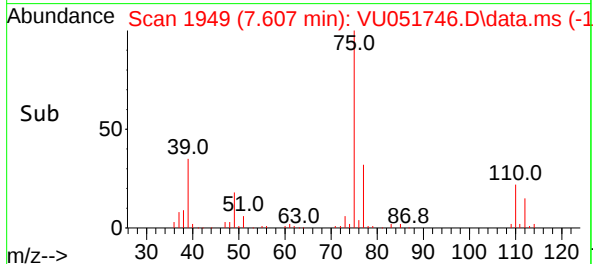
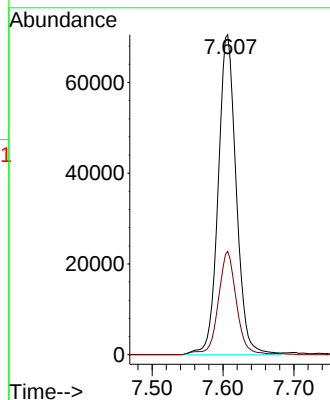
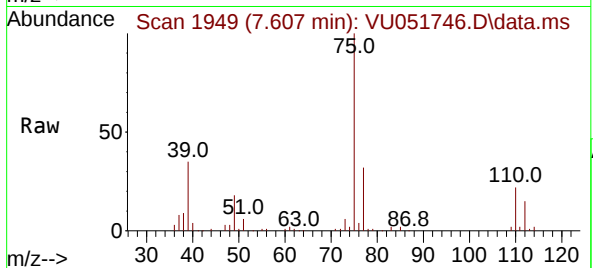
EW4Z2MS

Tgt Ion: 75 Resp: 125078

Ion Ratio Lower Upper

75 100

77 32.3 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 55.392 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.003 min

Lab File: VU051746.D

Acq: 03 Nov 2022 20:21

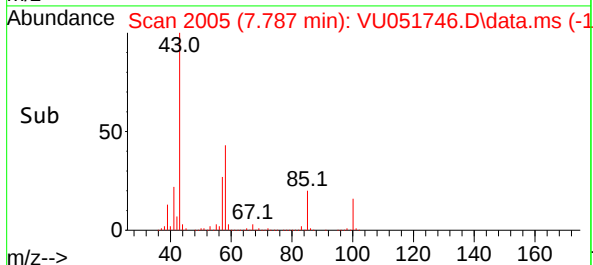
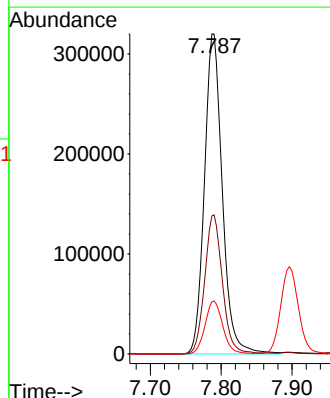
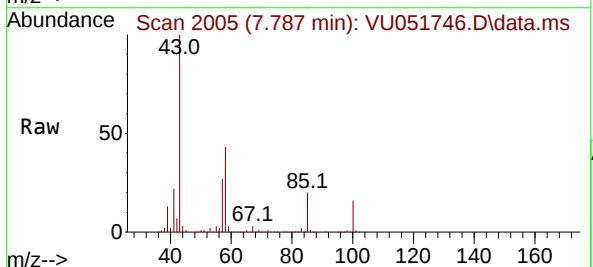
Tgt Ion: 43 Resp: 560974

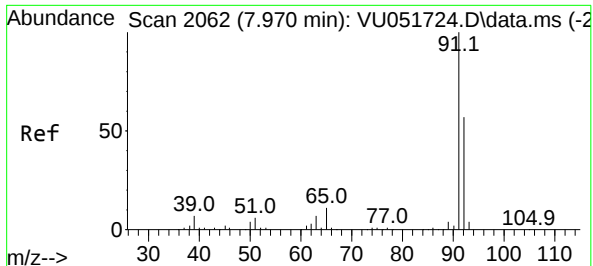
Ion Ratio Lower Upper

43 100

58 43.1 35.0 52.6

100 16.5 13.4 20.0





#42

Toluene

Concen: 5.328 ug/L

RT: 7.967 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU051746.D

Acq: 03 Nov 2022 20:21

Instrument :

MSVOA_U

ClientSampleId :

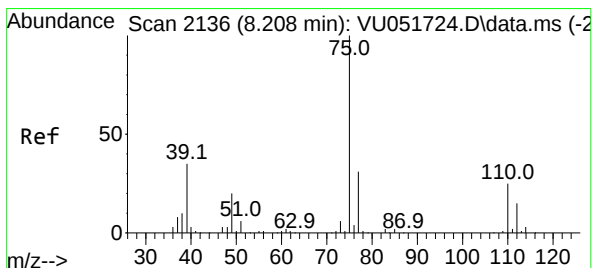
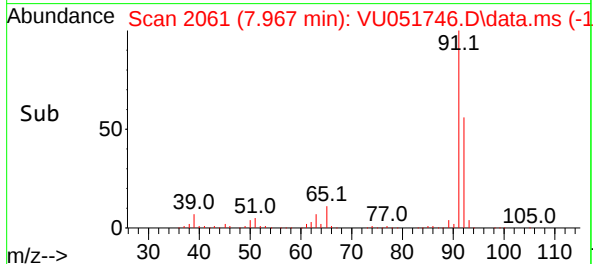
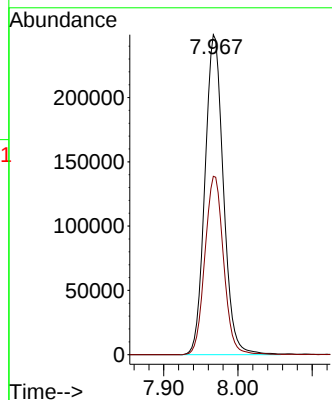
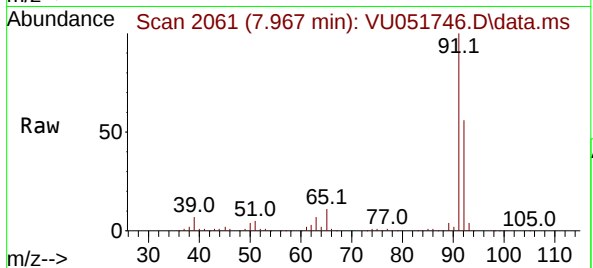
EW4Z2MS

Tgt Ion: 91 Resp: 429566

Ion Ratio Lower Upper

91 100

92 55.8 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.139 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU051746.D

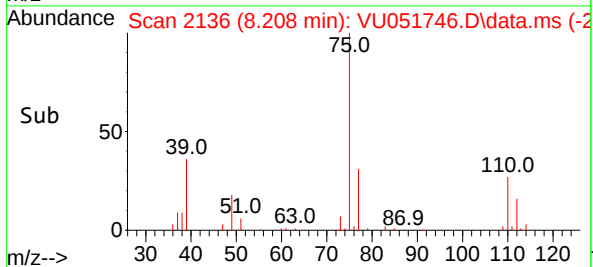
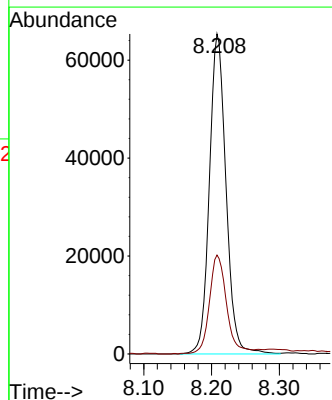
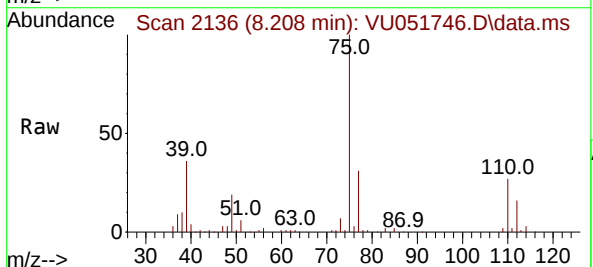
Acq: 03 Nov 2022 20:21

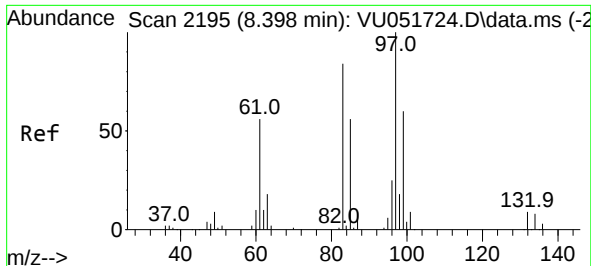
Tgt Ion: 75 Resp: 111239

Ion Ratio Lower Upper

75 100

77 30.9 21.8 40.6

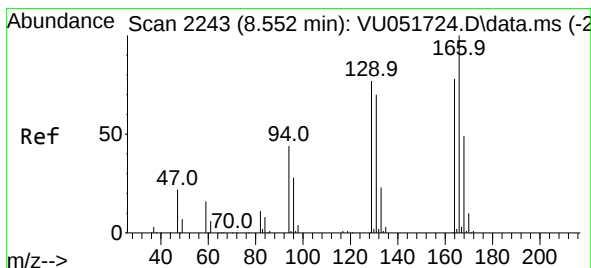
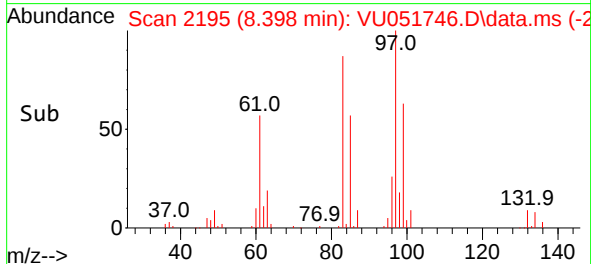
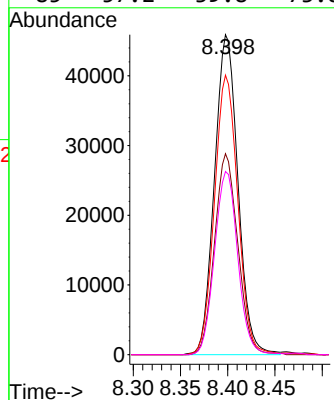
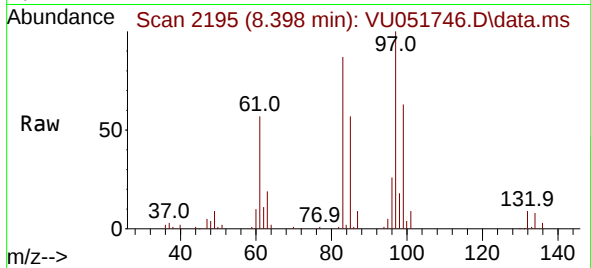




#45
1,1,2-Trichloroethane
Concen: 5.356 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU051746.D
Acq: 03 Nov 2022 20:21

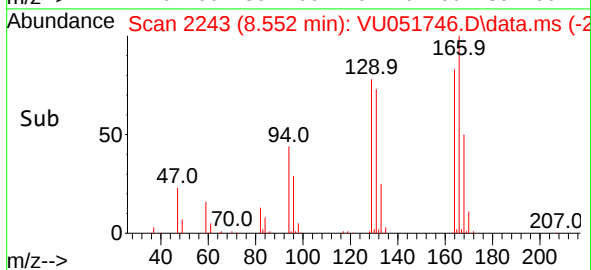
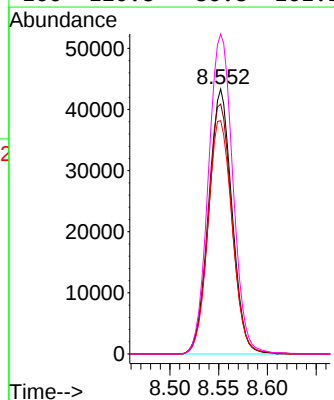
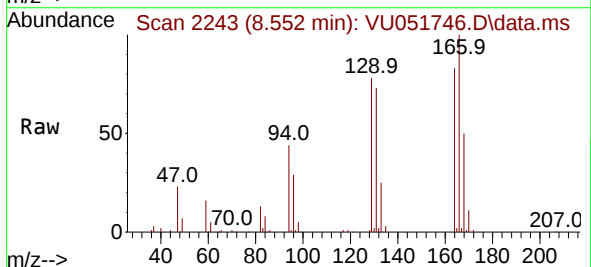
Instrument :
MSVOA_U
ClientSampleId :
EW4Z2MS

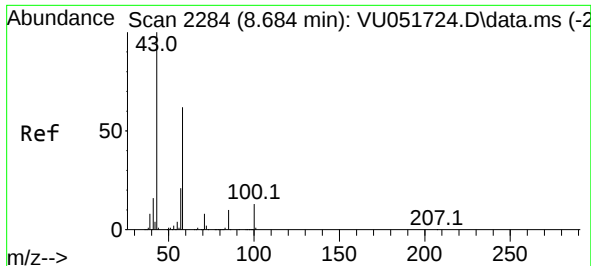
Tgt Ion:	97	Resp:	79242
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.4	80.6
83	87.3	61.3	113.9
85	57.2	39.8	73.8



#47
Tetrachloroethene
Concen: 4.919 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051746.D
Acq: 03 Nov 2022 20:21

Tgt Ion:	164	Resp:	71372
Ion	Ratio	Lower	Upper
164	100		
129	94.3	64.0	118.8
131	88.0	60.7	112.7
166	120.8	86.8	161.2

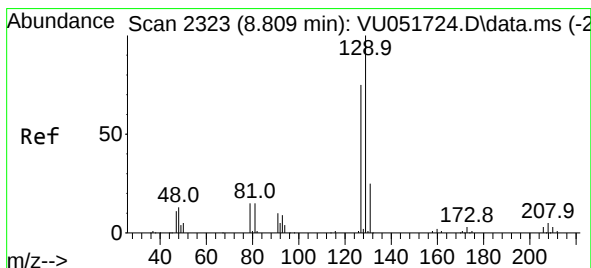
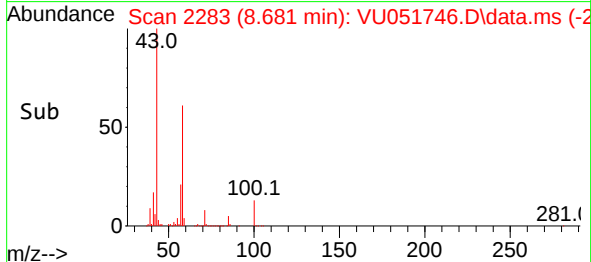
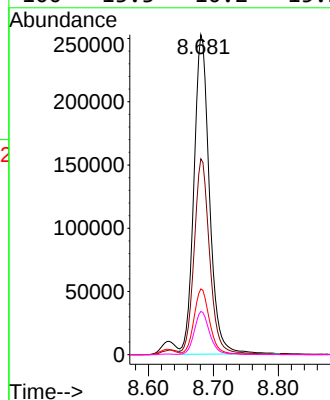
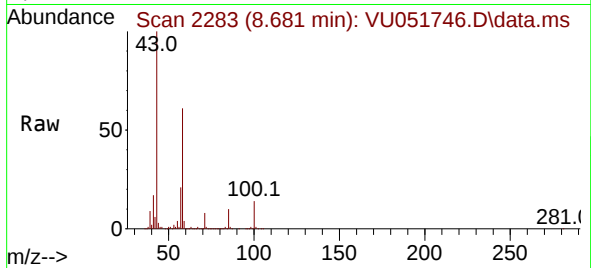




#48
2-Hexanone
Concen: 56.070 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051746.D
Acq: 03 Nov 2022 20:21

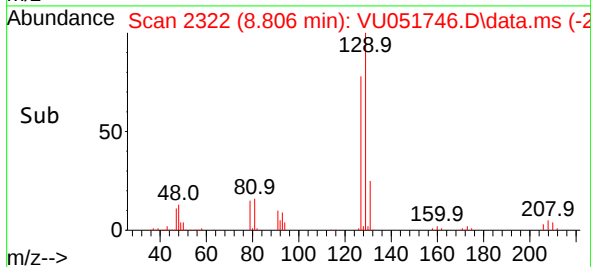
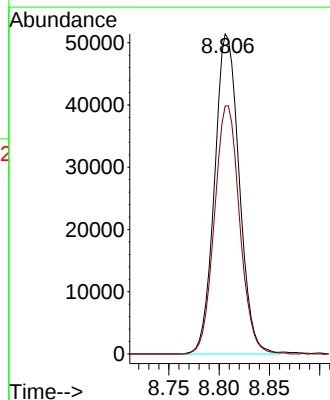
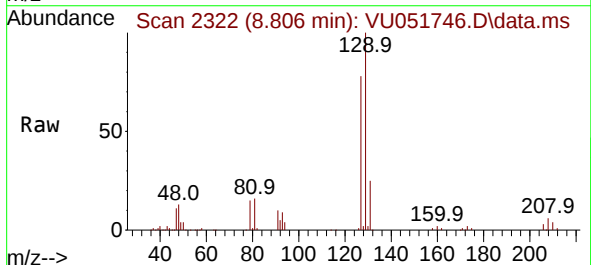
Instrument :
MSVOA_U
ClientSampleId :
EW4Z2MS

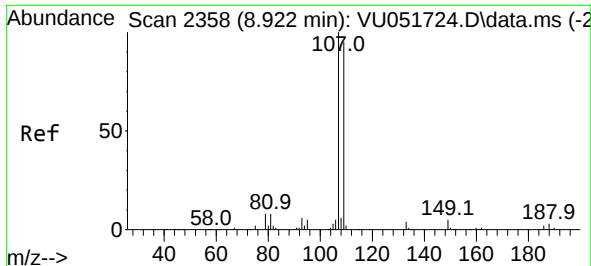
Tgt Ion: 43 Resp: 420319
Ion Ratio Lower Upper
43 100
58 60.9 48.2 72.2
57 20.8 16.6 25.0
100 13.3 10.2 15.2



#49
Dibromochloromethane
Concen: 5.190 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.003 min
Lab File: VU051746.D
Acq: 03 Nov 2022 20:21

Tgt Ion: 129 Resp: 87725
Ion Ratio Lower Upper
129 100
127 77.5 54.8 101.8

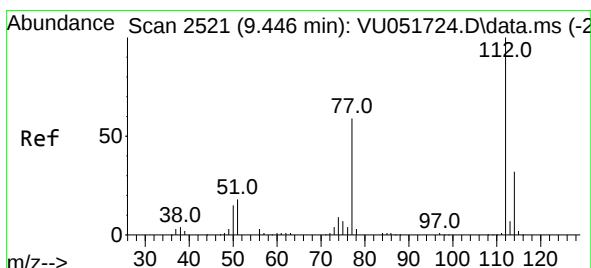
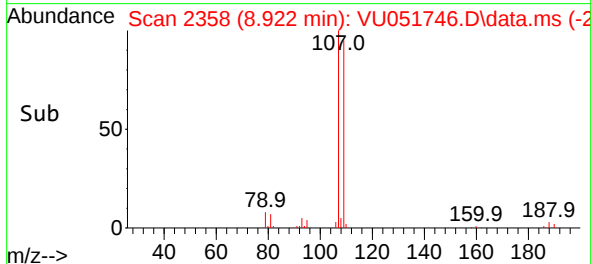
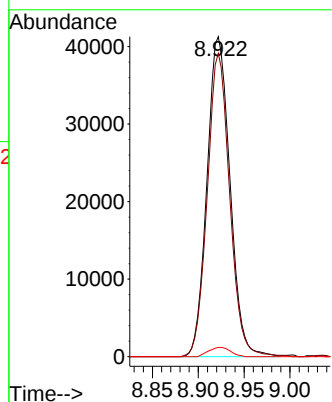
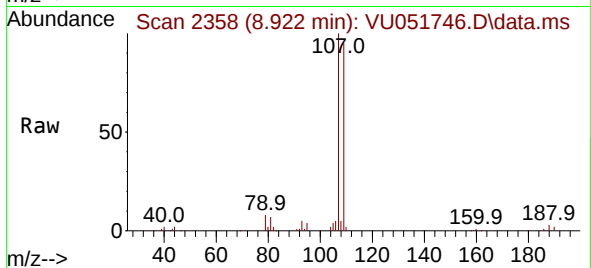




#50
1,2-Dibromoethane
Concen: 5.408 ug/L
RT: 8.922 min Scan# 2358
Delta R.T. 0.000 min
Lab File: VU051746.D
Acq: 03 Nov 2022 20:21

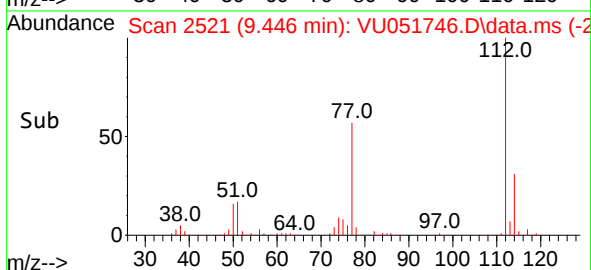
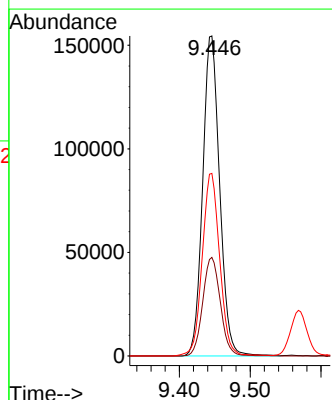
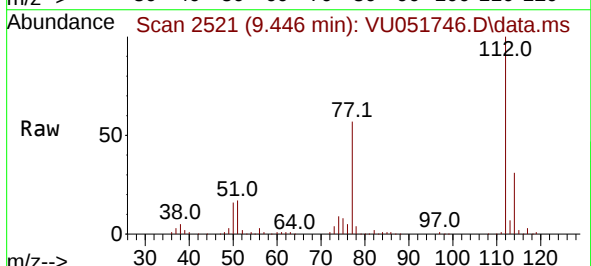
Instrument :
MSVOA_U
ClientSampleId :
EW4Z2MS

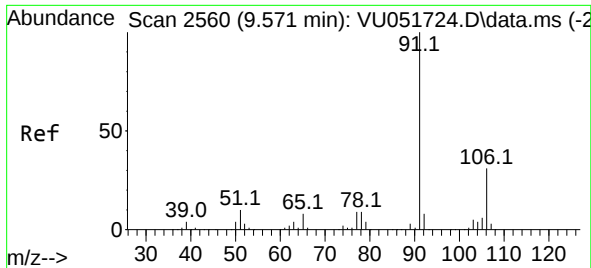
Tgt Ion:107 Resp: 72189
Ion Ratio Lower Upper
107 100
109 94.8 63.0 117.0
188 2.9 3.0 4.4#



#51
Chlorobenzene
Concen: 5.067 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051746.D
Acq: 03 Nov 2022 20:21

Tgt Ion:112 Resp: 257105
Ion Ratio Lower Upper
112 100
114 30.8 22.0 40.8
77 57.1 46.7 70.1

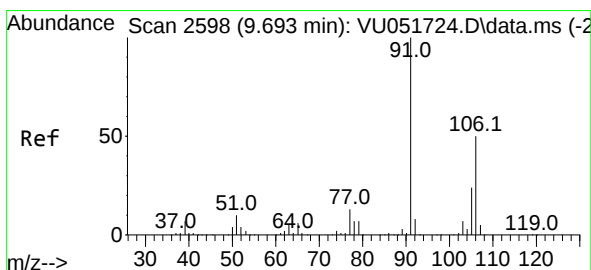
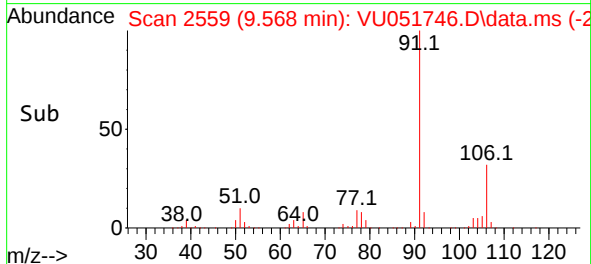
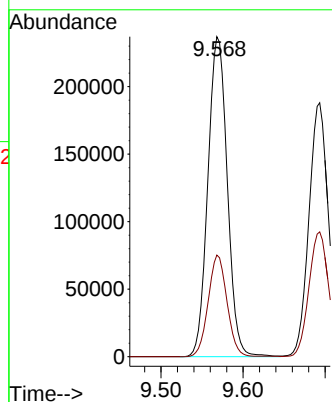
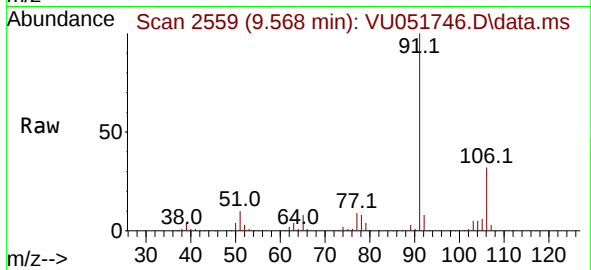




#52
Ethylbenzene
Concen: 5.007 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU051746.D
Acq: 03 Nov 2022 20:21

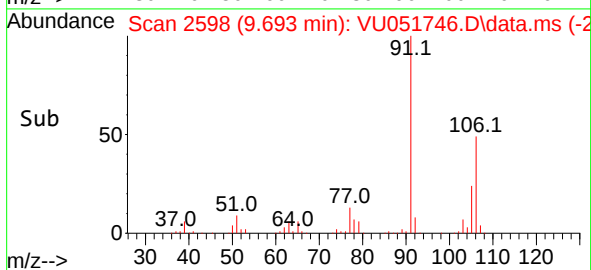
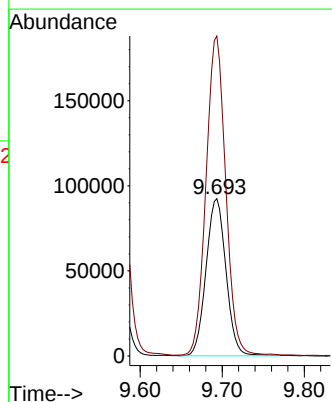
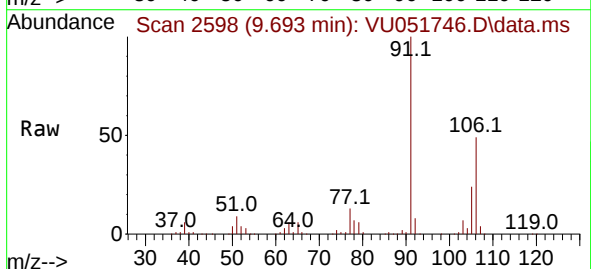
Instrument :
MSVOA_U
ClientSampleId :
EW4Z2MS

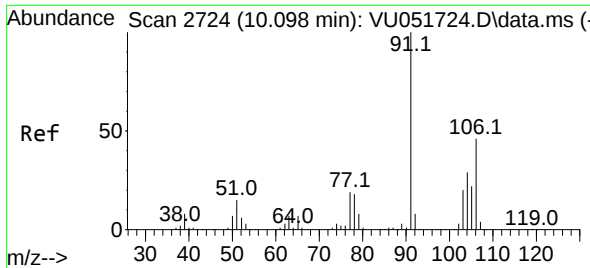
Tgt Ion: 91 Resp: 389516
Ion Ratio Lower Upper
91 100
106 31.7 21.8 40.6



#53
m,p-Xylene
Concen: 5.151 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051746.D
Acq: 03 Nov 2022 20:21

Tgt Ion:106 Resp: 155623
Ion Ratio Lower Upper
106 100
91 203.5 139.4 259.0

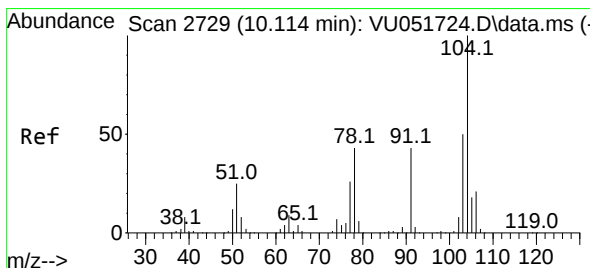
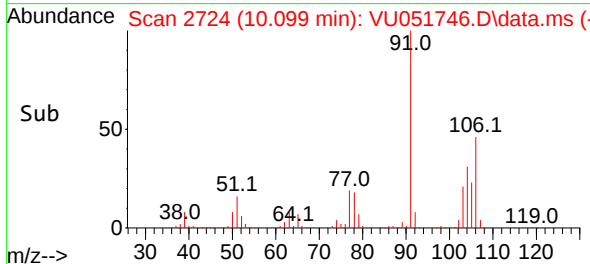
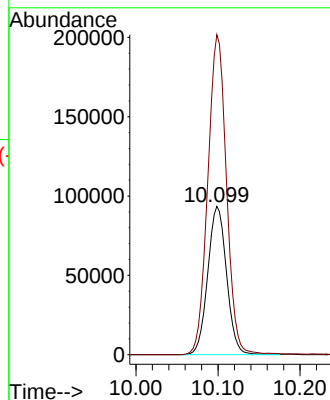
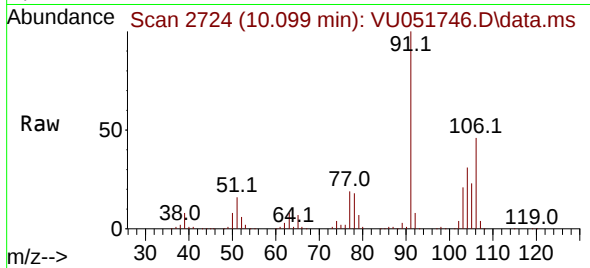




#54
o-Xylene
Concen: 5.064 ug/L
RT: 10.099 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051746.D
Acq: 03 Nov 2022 20:21

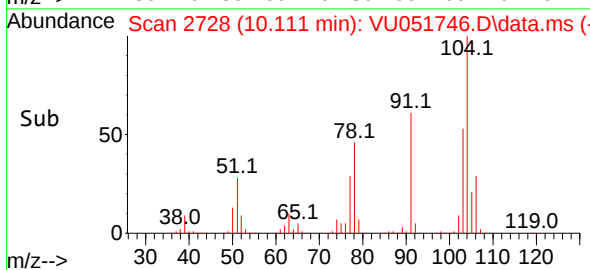
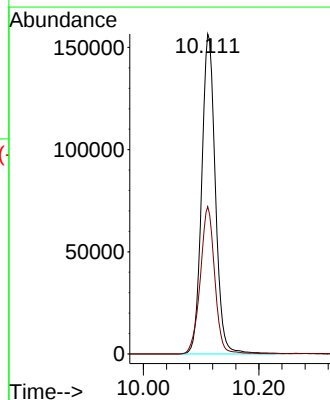
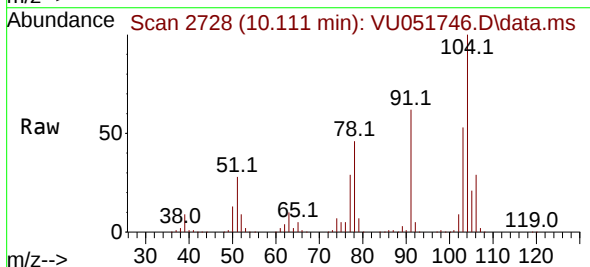
Instrument :
MSVOA_U
ClientSampleId :
EW4Z2MS

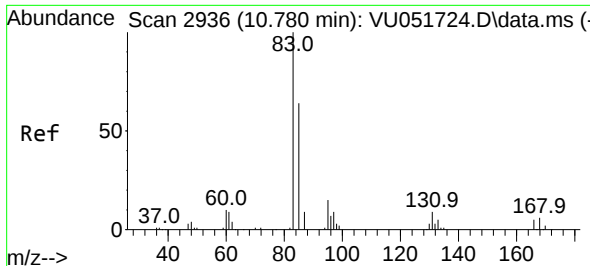
Tgt Ion:106 Resp: 149536
Ion Ratio Lower Upper
106 100
91 215.8 149.2 277.2



#55
Styrene
Concen: 5.219 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.003 min
Lab File: VU051746.D
Acq: 03 Nov 2022 20:21

Tgt Ion:104 Resp: 257636
Ion Ratio Lower Upper
104 100
78 46.1 31.8 59.0

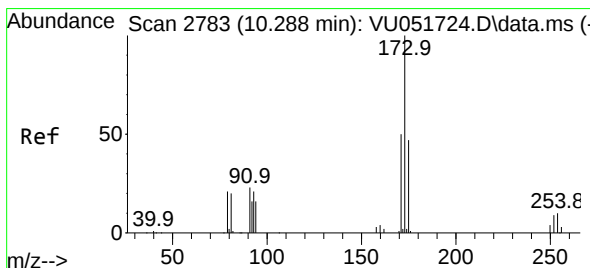
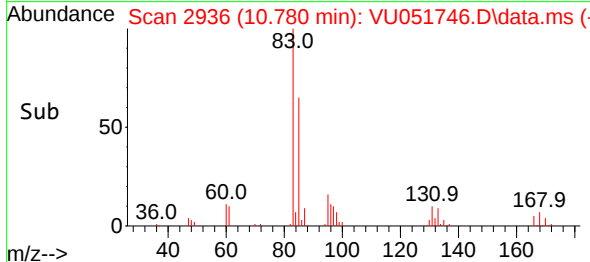
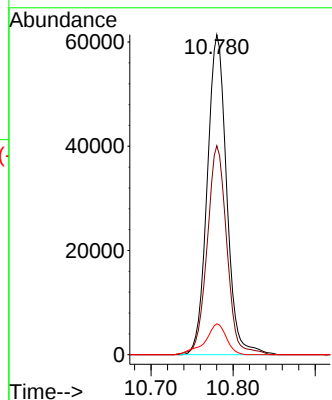
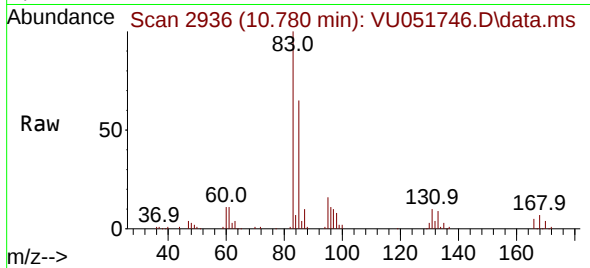




#57
1,1,2-Tetrachloroethane
Concen: 5.491 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051746.D
Acq: 03 Nov 2022 20:21

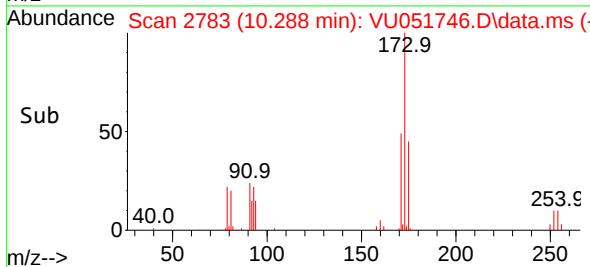
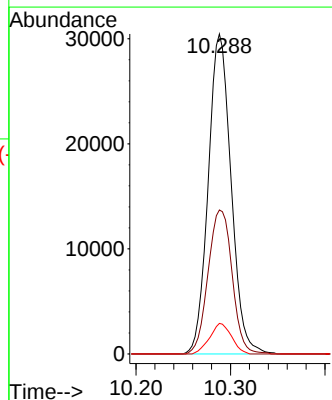
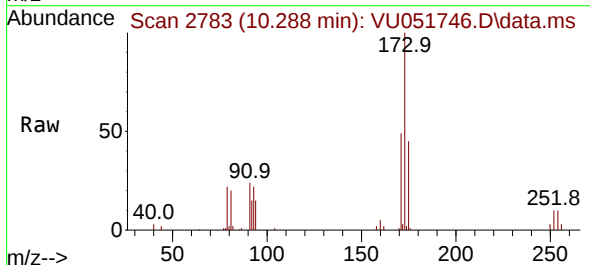
Instrument :
MSVOA_U
ClientSampleId :
EW4Z2MS

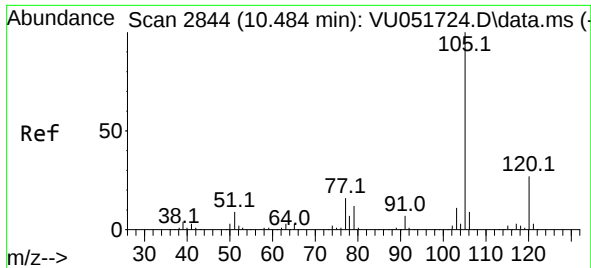
Tgt Ion: 83 Resp: 100742
Ion Ratio Lower Upper
83 100
85 65.3 44.9 83.5
131 9.6 7.8 11.8



#59
Bromoform
Concen: 4.859 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. 0.000 min
Lab File: VU051746.D
Acq: 03 Nov 2022 20:21

Tgt Ion: 173 Resp: 51140
Ion Ratio Lower Upper
173 100
175 47.2 38.7 58.1
254 9.1 7.3 10.9

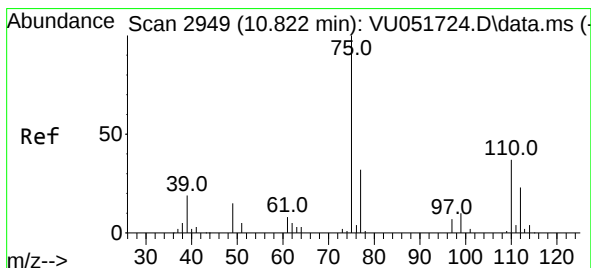
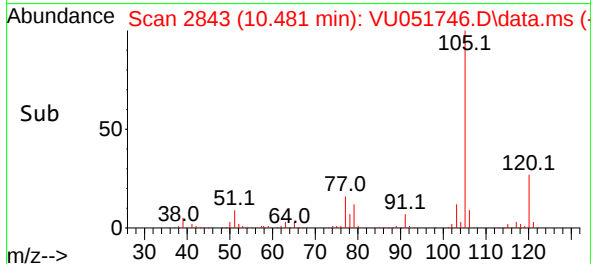
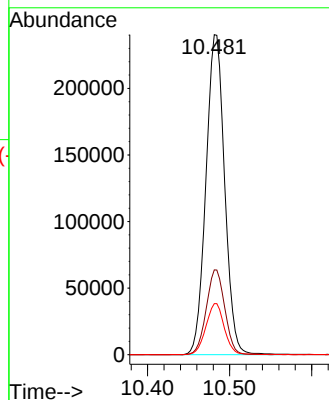
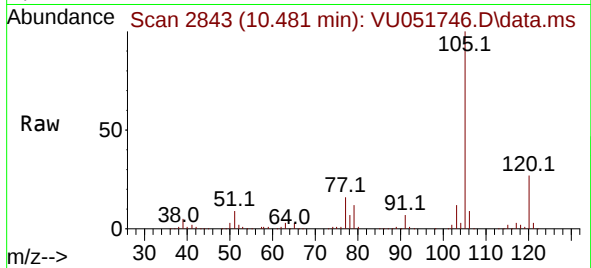




#60
Isopropylbenzene
Concen: 4.584 ug/L
RT: 10.481 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU051746.D
Acq: 03 Nov 2022 20:21

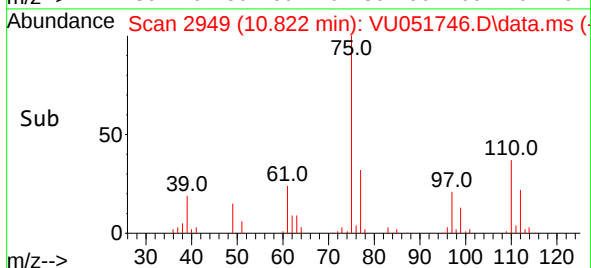
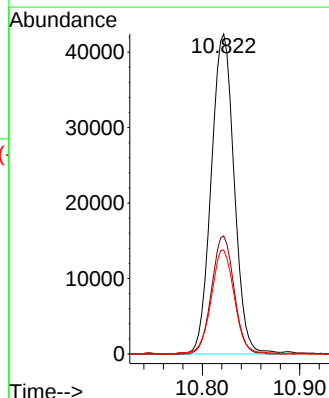
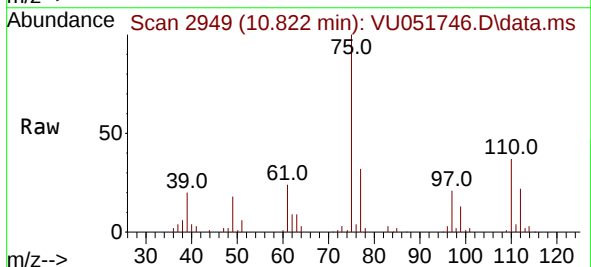
Instrument :
MSVOA_U
ClientSampleId :
EW4Z2MS

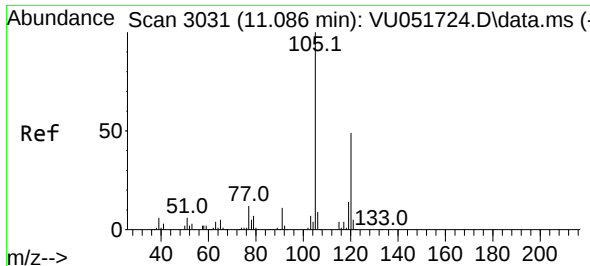
Tgt Ion:105 Resp: 381163
Ion Ratio Lower Upper
105 100
120 26.1 20.9 31.3
77 15.8 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 4.705 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU051746.D
Acq: 03 Nov 2022 20:21

Tgt Ion: 75 Resp: 69303
Ion Ratio Lower Upper
75 100
110 36.0 28.7 43.1
77 33.0 26.1 39.1

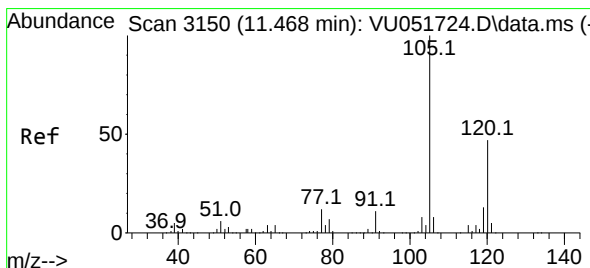
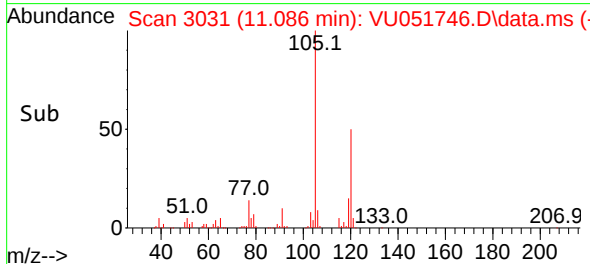
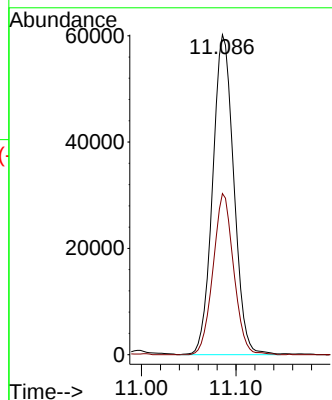
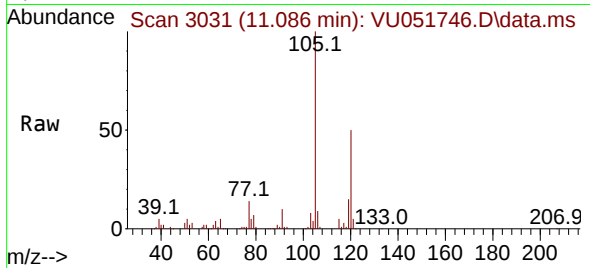




#62
 1,3,5-Trimethylbenzene
 Concen: 4.174 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. 0.000 min
 Lab File: VU051746.D
 Acq: 03 Nov 2022 20:21

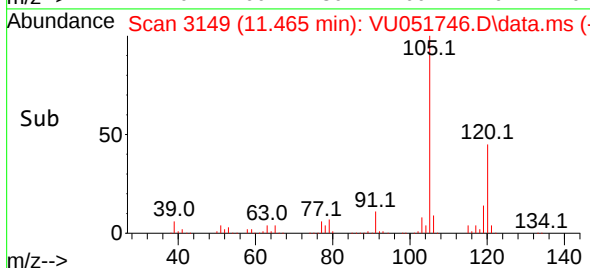
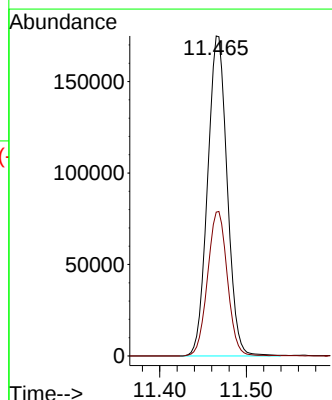
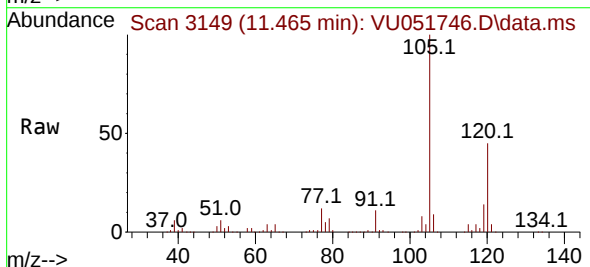
Instrument :
 MSVOA_U
 ClientSampleId :
 EW4Z2MS

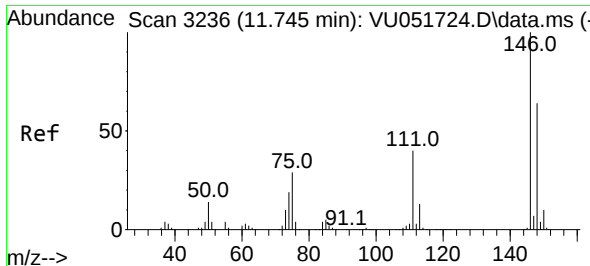
Tgt Ion:105 Resp: 93431
 Ion Ratio Lower Upper
 105 100
 120 49.2 38.6 57.8



#63
 1,2,4-Trimethylbenzene
 Concen: 4.260 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.003 min
 Lab File: VU051746.D
 Acq: 03 Nov 2022 20:21

Tgt Ion:105 Resp: 274944
 Ion Ratio Lower Upper
 105 100
 120 45.6 35.8 53.6

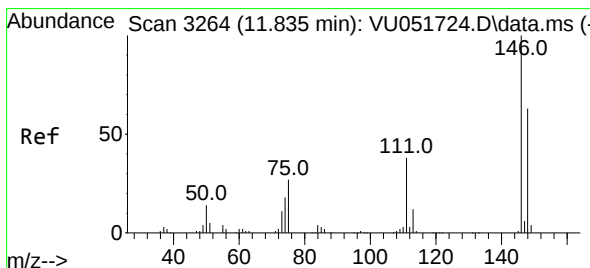
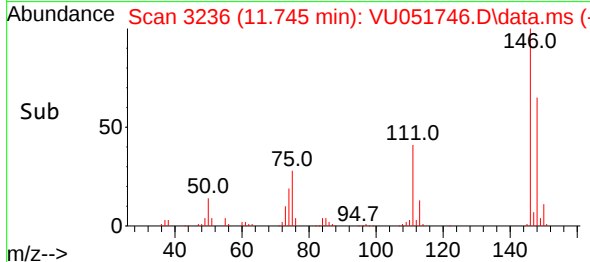
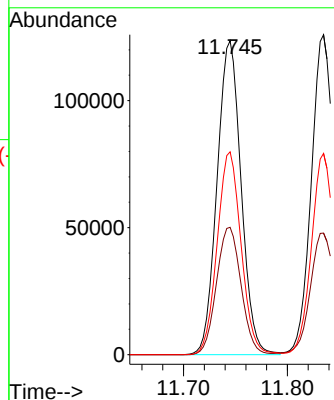
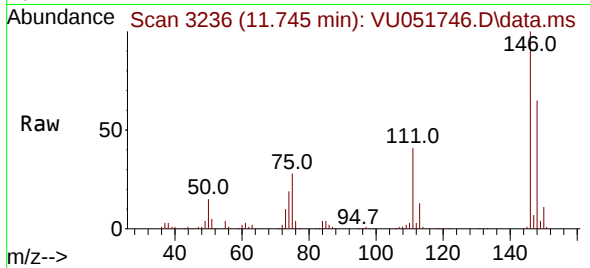




#64
1,3-Dichlorobenzene
Concen: 4.802 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU051746.D
Acq: 03 Nov 2022 20:21

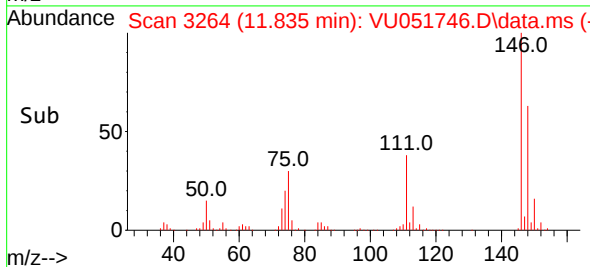
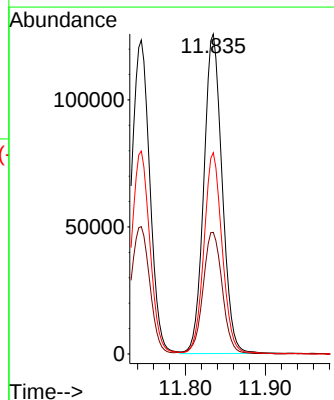
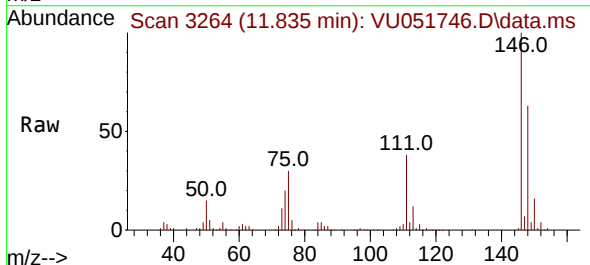
Instrument :
MSVOA_U
ClientSampleId :
EW4Z2MS

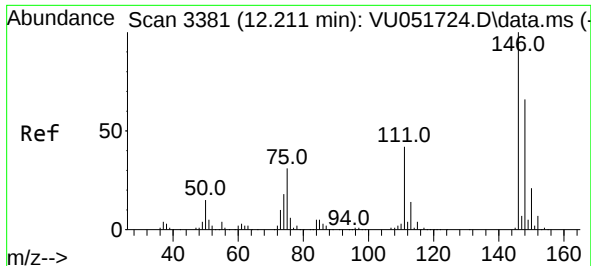
Tgt Ion:146 Resp: 198766
Ion Ratio Lower Upper
146 100
111 40.6 28.6 53.2
148 64.7 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 4.836 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051746.D
Acq: 03 Nov 2022 20:21

Tgt Ion:146 Resp: 200705
Ion Ratio Lower Upper
146 100
111 38.0 26.7 49.5
148 62.9 43.5 80.9

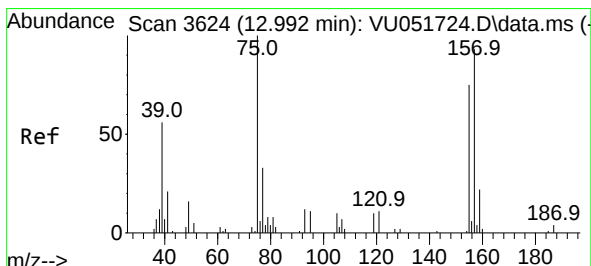
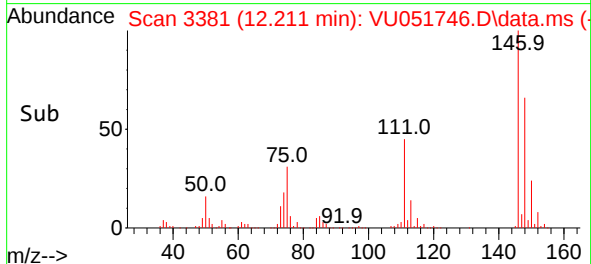
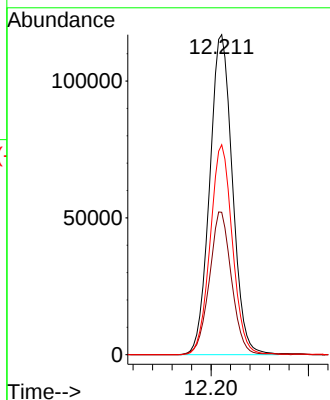
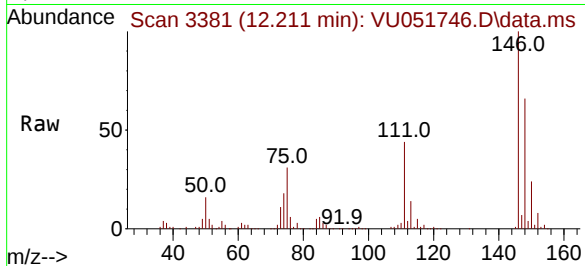




#67
1,2-Dichlorobenzene
Concen: 4.700 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU051746.D
Acq: 03 Nov 2022 20:21

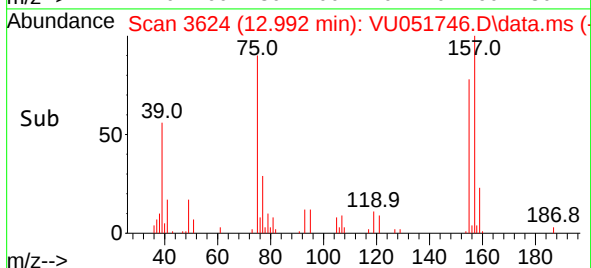
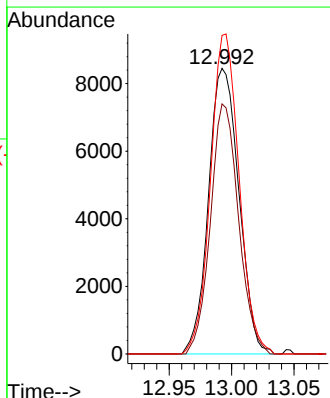
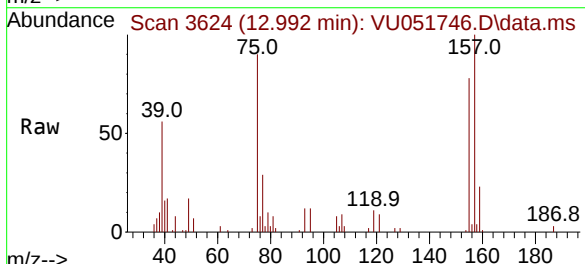
Instrument :
MSVOA_U
ClientSampleId :
EW4Z2MS

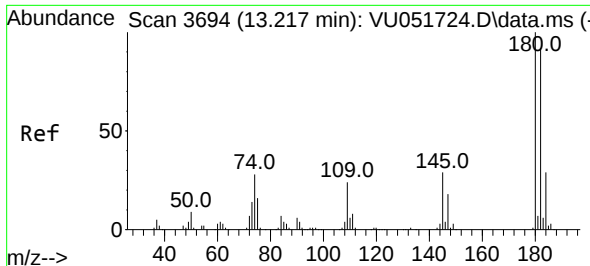
Tgt Ion:146 Resp: 189512
Ion Ratio Lower Upper
146 100
111 44.5 34.2 51.2
148 65.6 50.1 75.1



#68
1,2-Dibromo-3-chloropropane
Concen: 4.737 ug/L
RT: 12.992 min Scan# 3624
Delta R.T. 0.000 min
Lab File: VU051746.D
Acq: 03 Nov 2022 20:21

Tgt Ion: 75 Resp: 14366
Ion Ratio Lower Upper
75 100
155 87.6 61.4 92.2
157 111.6 86.7 130.1

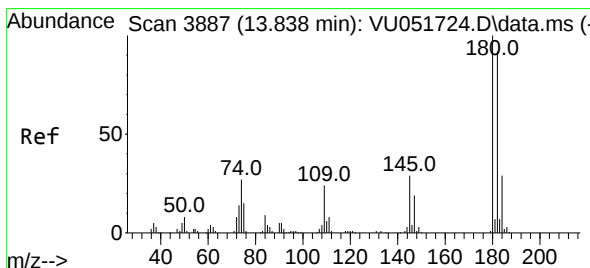
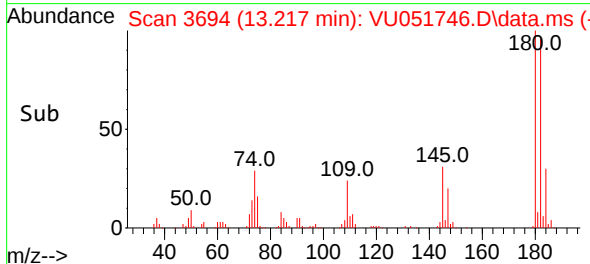
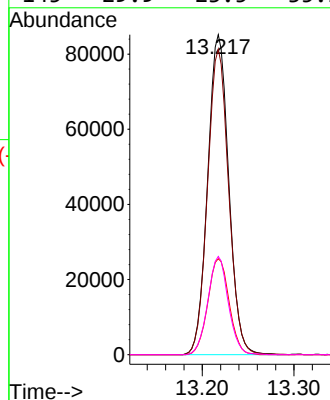
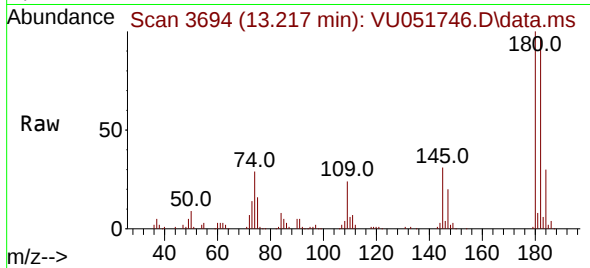




#69
 1,3,5-Trichlorobenzene
 Concen: 4.607 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU051746.D
 Acq: 03 Nov 2022 20:21

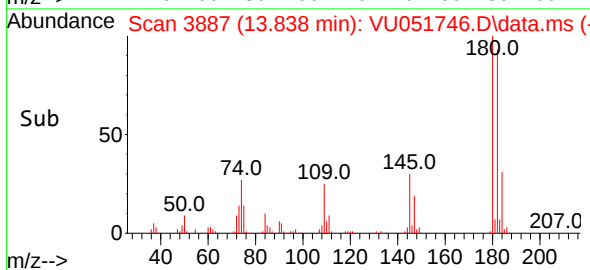
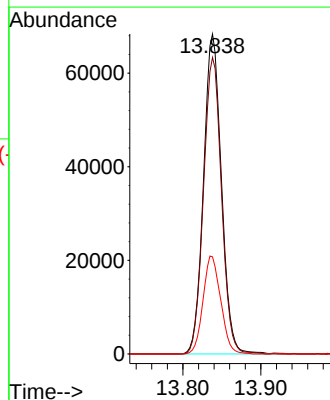
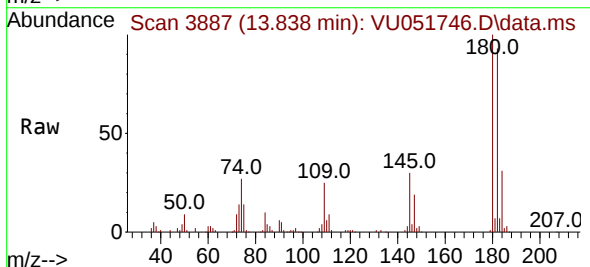
Instrument :
 MSVOA_U
 ClientSampleId :
 EW4Z2MS

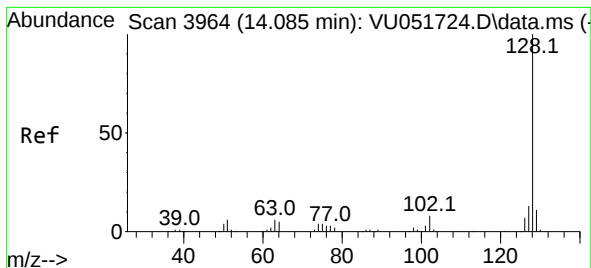
Tgt Ion:180	Resp:	135942	
Ion	Ratio	Lower	Upper
180	100		
182	95.8	77.0	115.6
184	30.3	23.7	35.5
145	29.9	23.5	35.3



#70
 1,2,4-trichlorobenzene
 Concen: 4.816 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU051746.D
 Acq: 03 Nov 2022 20:21

Tgt Ion:180	Resp:	109083	
Ion	Ratio	Lower	Upper
180	100		
182	93.0	77.8	116.6
145	30.2	25.0	37.6





#71

Naphthalene

Concen: 4.196 ug/L

RT: 14.086 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU051746.D

Acq: 03 Nov 2022 20:21

Instrument :

MSVOA_U

ClientSampleId :

EW4Z2MS

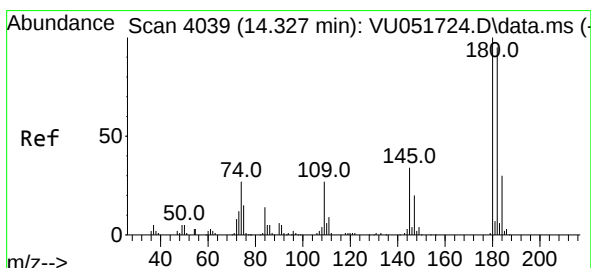
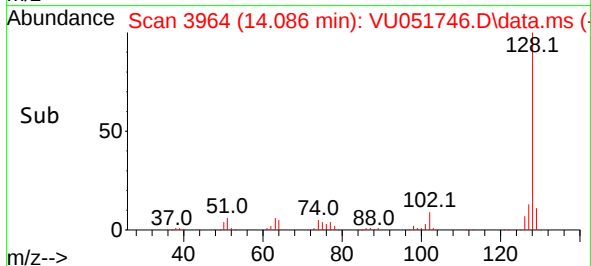
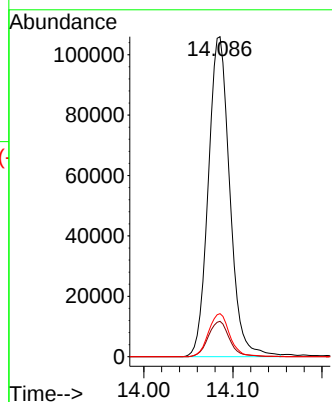
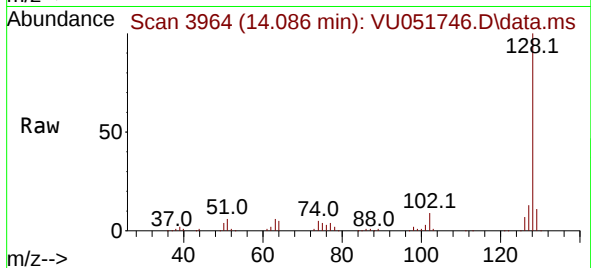
Tgt Ion:128 Resp: 177408

Ion Ratio Lower Upper

128 100

129 10.9 8.4 12.6

127 13.4 10.3 15.5



#72

1,2,3-Trichlorobenzene

Concen: 4.612 ug/L

RT: 14.327 min Scan# 4039

Delta R.T. 0.000 min

Lab File: VU051746.D

Acq: 03 Nov 2022 20:21

Tgt Ion:180 Resp: 105492

Ion Ratio Lower Upper

180 100

182 97.1 76.1 114.1

145 32.8 25.6 38.4

