

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111621\
 Data File : VU045804.D
 Acq On : 16 Nov 2021 13:46
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 16 17:09:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 03:04:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	91442	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	94956	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	50941	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	30959	4.273	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.919	69	24763	4.695	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.571	65	13177	4.336	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	4.649	46	115879	59.685	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.360%
24) Chloroform-d	5.070	84	59410	4.922	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.706	65	36611	5.170	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.732	84	122560	4.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.697	67	39743	4.822	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.902	98	111676	4.721	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	8.185	79	17191	5.138	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.800%
46) 2-Hexanone-d5	8.639	63	91935	61.053	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.100%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	39476	5.670	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	43289	4.949	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	40087	5.384	ug/L	98
3) Chloromethane	1.520	50	41661	5.280	ug/L	99
5) Vinyl chloride	1.607	62	44116	5.571	ug/L	100
6) Bromomethane	1.861	94	24587	5.235	ug/L	97
8) Chloroethane	1.938	64	26497	5.868	ug/L	99
9) Trichlorofluoromethane	2.144	101	56970	5.573	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	33324	5.559	ug/L	100
12) 1,1-Dichloroethene	2.584	96	31463	5.558	ug/L	86
13) Acetone	2.674	43	66319	58.035	ug/L	97
14) Carbon disulfide	2.800	76	93718	5.235	ug/L	99
15) Methyl Acetate	2.967	43	17634	6.289	ug/L	97
16) Methylene chloride	3.051	84	37981	4.545	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	85497	5.802	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	32803	5.406	ug/L	98
19) 1,1-Dichloroethane	3.877	63	63309	5.569	ug/L	98
21) 2-Butanone	4.732	43	121138	63.004	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	36447	5.540	ug/L	99
23) Bromochloromethane	4.980	128	17456	6.088	ug/L	95
25) Chloroform	5.092	83	69181	5.610	ug/L	98

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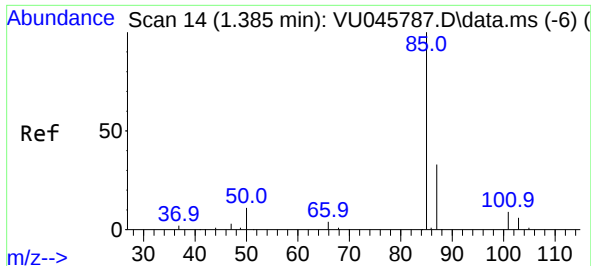
Quant Time: Nov 16 17:09:38 2021
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	44357	5.637	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	55171	5.348	ug/L	100
30) Cyclohexane	5.395	56	52555	5.136	ug/L	98
31) Carbon tetrachloride	5.533	117	45720	5.270	ug/L	98
33) Benzene	5.780	78	139817	5.277	ug/L	100
34) Trichloroethene	6.546	95	36234	5.306	ug/L	97
35) Methylcyclohexane	6.767	83	55240	5.267	ug/L	100
37) 1,2-Dichloropropane	6.796	63	37458	5.372	ug/L	98
38) Bromodichloromethane	7.108	83	47411	5.510	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	52887	5.337	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	283441	61.970	ug/L	100
42) Toluene	7.973	91	151049	5.522	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	47872	5.553	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	29912	5.778	ug/L	96
47) Tetrachloroethene	8.555	164	26355	5.513	ug/L	98
48) 2-Hexanone	8.690	43	213832	64.714	ug/L	99
49) Dibromochloromethane	8.812	129	33415	5.667	ug/L	99
50) 1,2-Dibromoethane	8.928	107	28991	5.944	ug/L	100
51) Chlorobenzene	9.449	112	96021	5.596	ug/L	99
52) Ethylbenzene	9.574	91	158716	5.544	ug/L	98
53) m,p-Xylene	9.697	106	61499	5.608	ug/L	95
54) o-Xylene	10.105	106	60573	5.724	ug/L	96
55) Styrene	10.118	104	104207	5.849	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	39209	5.913	ug/L	95
59) Bromoform	10.295	173	19394	5.748	ug/L	97
60) Isopropylbenzene	10.488	105	159291	5.326	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	30040	5.681	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	131996	5.398	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	132302	5.400	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	76061	5.452	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	75336	5.315	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	72605	5.428	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	5739	5.216	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	54990	5.269	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	46964	5.318	ug/L	99
71) Naphthalene	14.089	128	100521	5.540	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	47866	5.447	ug/L	98

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

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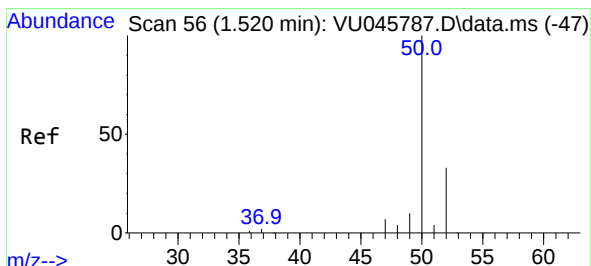
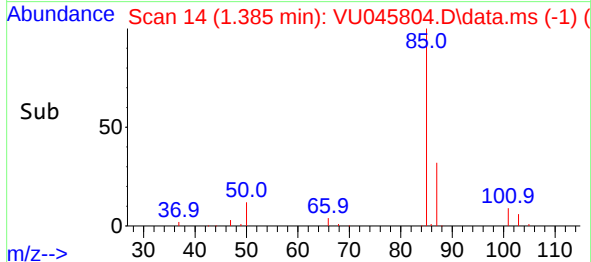
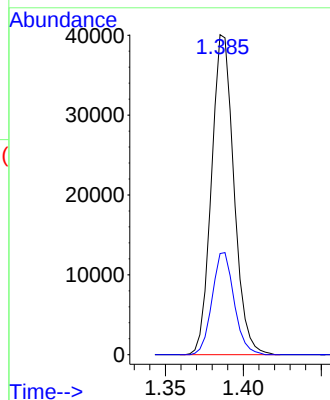
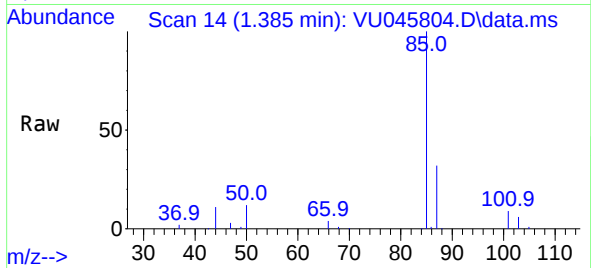




#2
Dichlorodifluoromethane
Concen: 5.384 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU045804.D
Acq: 16 Nov 2021 13:46

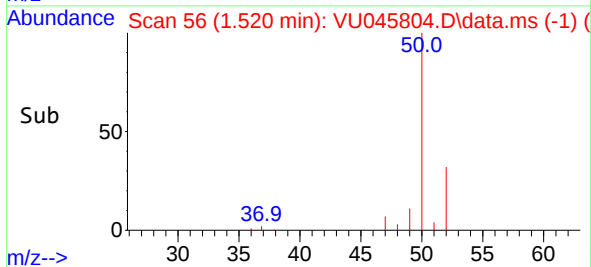
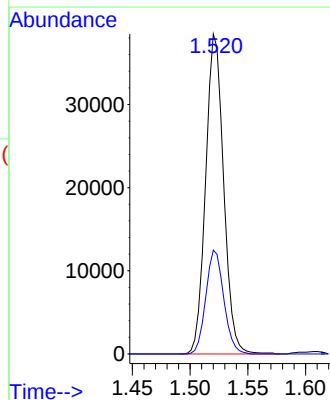
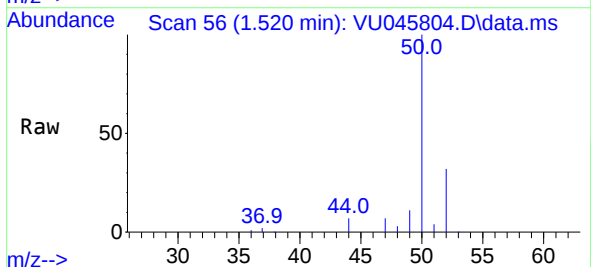
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MSVOA_U
ClientSampleId :

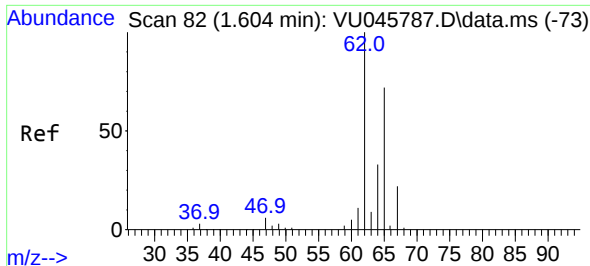
Tgt Ion: 85 Resp: 40087
Ion Ratio Lower Upper
85 100
87 31.3 25.8 38.6



#3
Chloromethane
Concen: 5.280 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU045804.D
Acq: 16 Nov 2021 13:46

Tgt Ion: 50 Resp: 41661
Ion Ratio Lower Upper
50 100
52 32.5 23.0 42.8

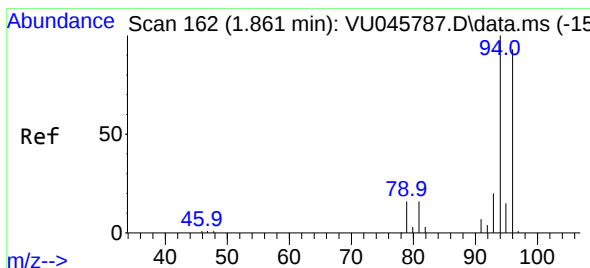
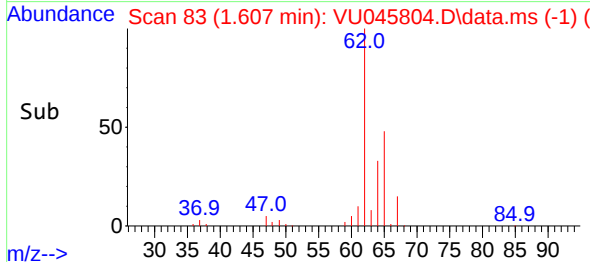
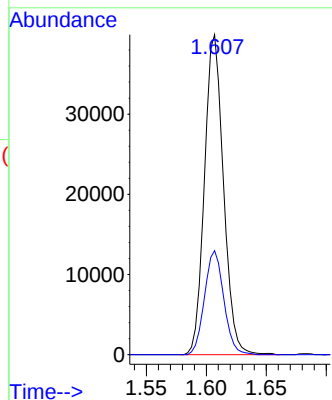
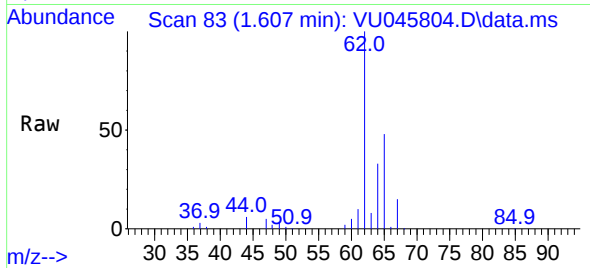




#5
 Vinyl chloride
 Concen: 5.571 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU045804.D
 Acq: 16 Nov 2021 13:46

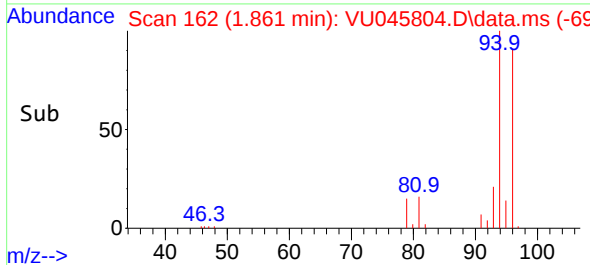
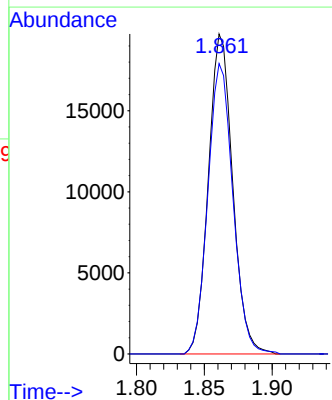
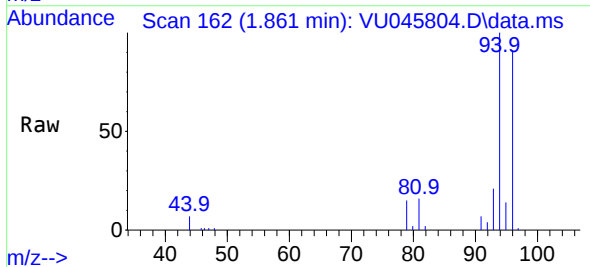
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 ClientSampleId :

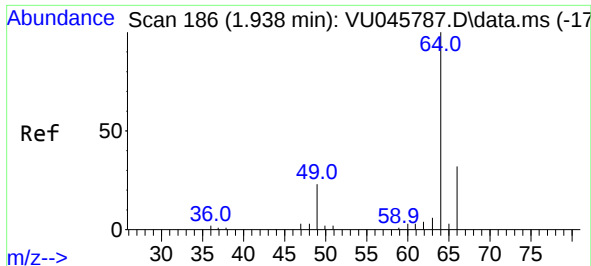
Tgt Ion: 62 Resp: 44116
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.9 42.5



#6
 Bromomethane
 Concen: 5.235 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU045804.D
 Acq: 16 Nov 2021 13:46

Tgt Ion: 94 Resp: 24587
 Ion Ratio Lower Upper
 94 100
 96 90.8 65.5 121.6

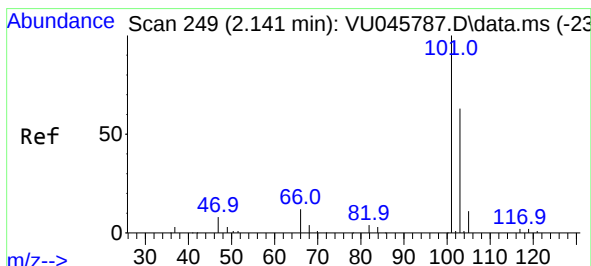
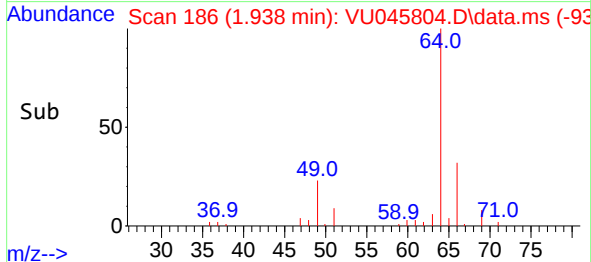
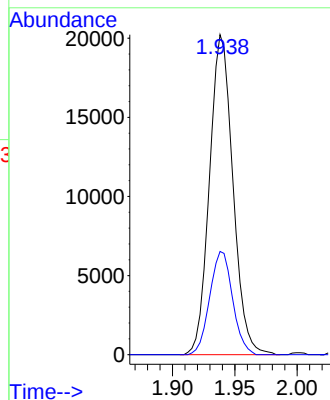
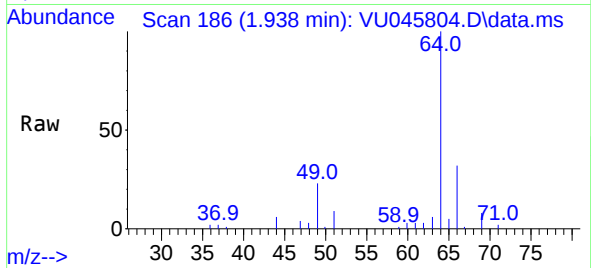




#8
Chloroethane
Concen: 5.868 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045804.D
Acq: 16 Nov 2021 13:46

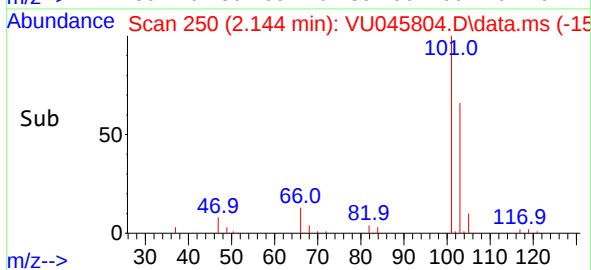
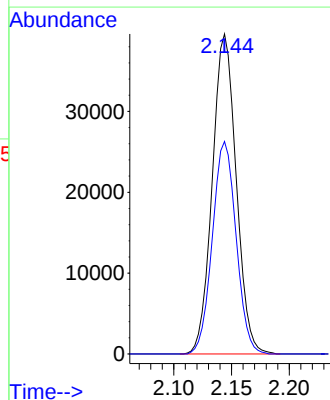
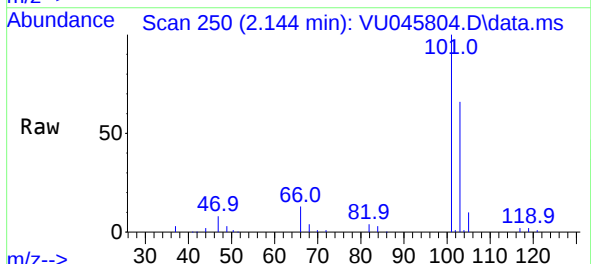
Instrument :
MSVOA_U
ClientSampleId :

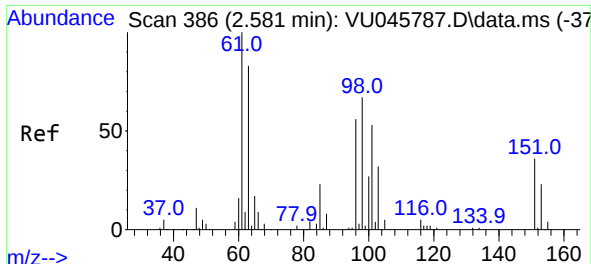
Tgt Ion: 64 Resp: 26497
Ion Ratio Lower Upper
64 100
66 32.2 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.573 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.003 min
Lab File: VU045804.D
Acq: 16 Nov 2021 13:46

Tgt Ion:101 Resp: 56970
Ion Ratio Lower Upper
101 100
103 65.8 51.5 77.3

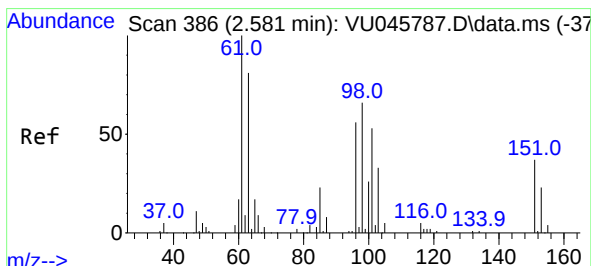
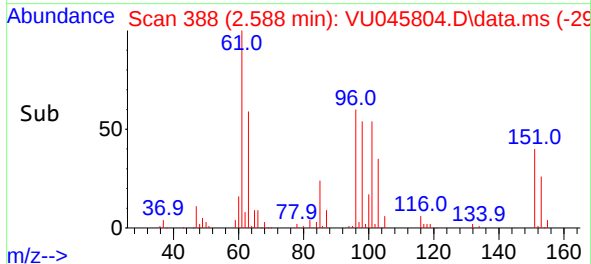
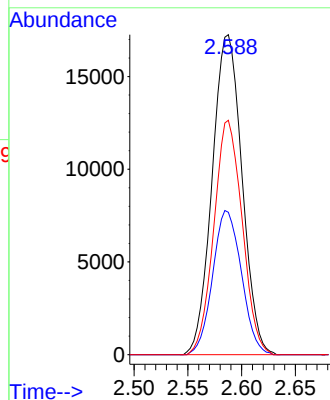
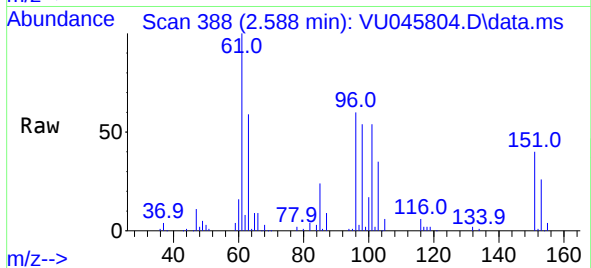




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.559 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.006 min
Lab File: VU045804.D
Acq: 16 Nov 2021 13:46

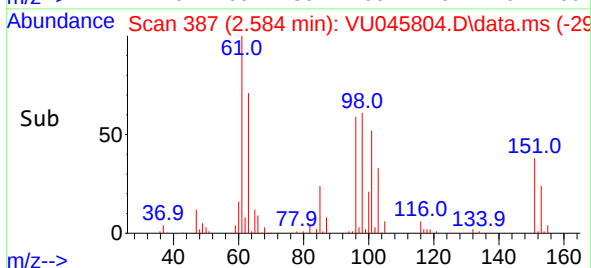
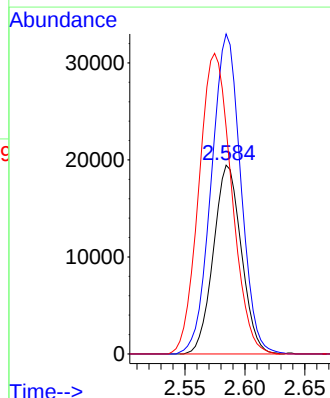
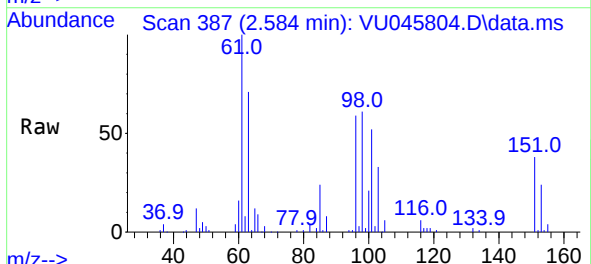
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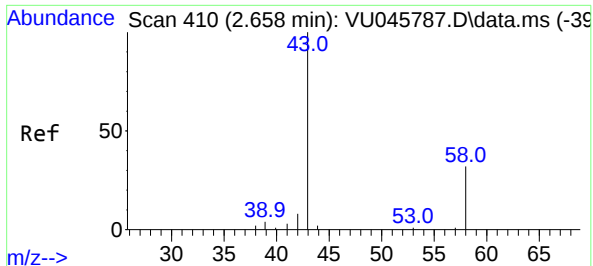
Tgt Ion:101 Resp: 33324
Ion Ratio Lower Upper
101 100
85 43.3 34.6 51.8
151 69.6 56.1 84.1



#12
1,1-Dichloroethene
Concen: 5.558 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU045804.D
Acq: 16 Nov 2021 13:46

Tgt Ion: 96 Resp: 31463
Ion Ratio Lower Upper
96 100
61 169.5 124.7 231.5
63 120.1 105.2 195.4





#13

Acetone

Concen: 58.035 ug/L

RT: 2.674 min Scan# 41

Delta R.T. 0.016 min

Lab File: VU045804.D

Acq: 16 Nov 2021 13:46

Instrument :

MSVOA_U

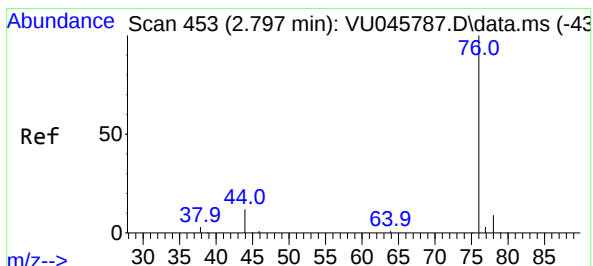
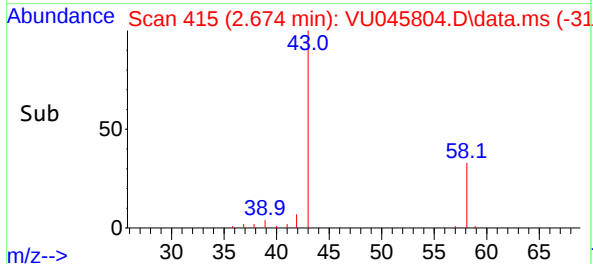
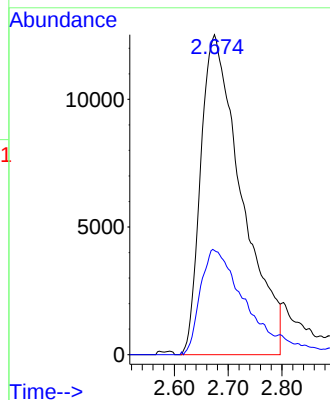
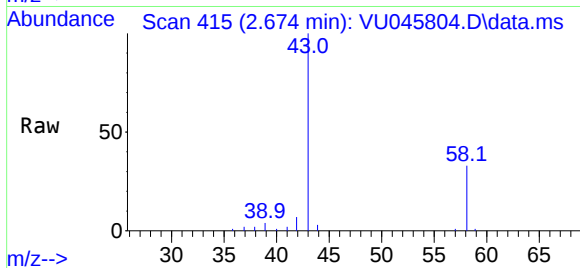
ClientSampleId :

Tgt Ion: 43 Resp: 66319

Ion Ratio Lower Upper

43 100

58 34.1 0.0 71.6



#14

Carbon disulfide

Concen: 5.235 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.003 min

Lab File: VU045804.D

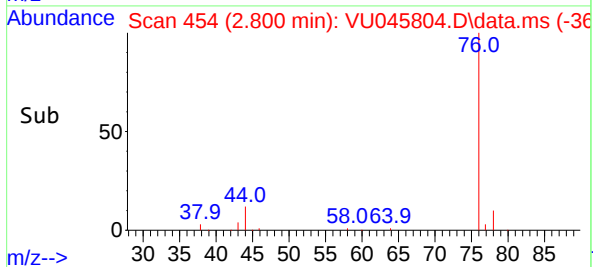
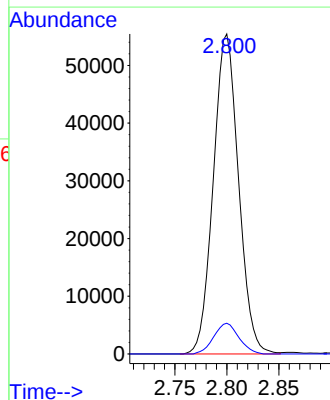
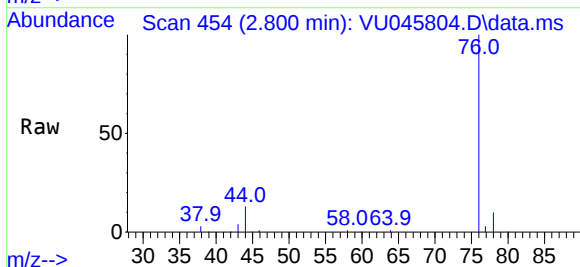
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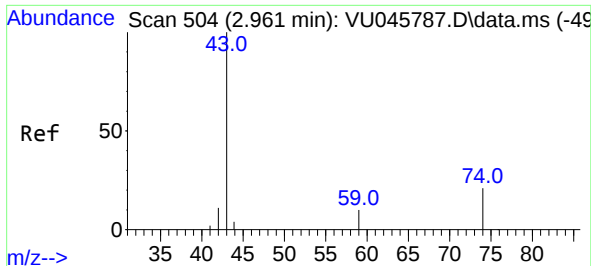
Tgt Ion: 76 Resp: 93718

Ion Ratio Lower Upper

76 100

78 9.6 7.5 11.3

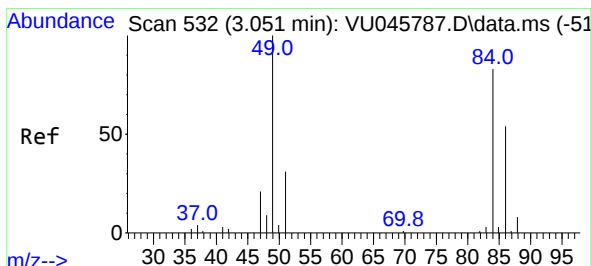
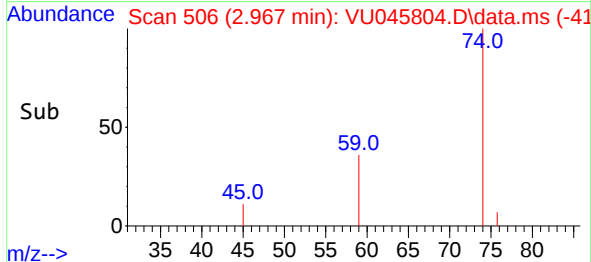
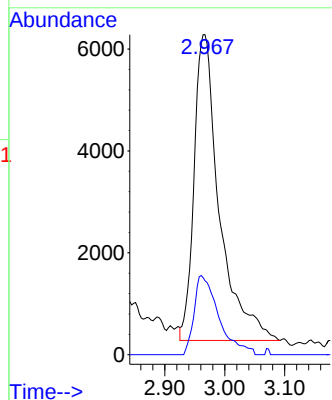
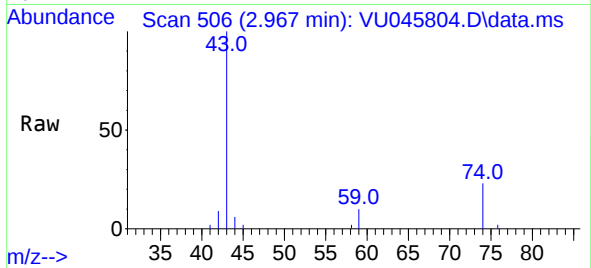




#15
Methyl Acetate
Concen: 6.289 ug/L
RT: 2.967 min Scan# 504
Delta R.T. 0.006 min
Lab File: VU045804.D
Acq: 16 Nov 2021 13:46

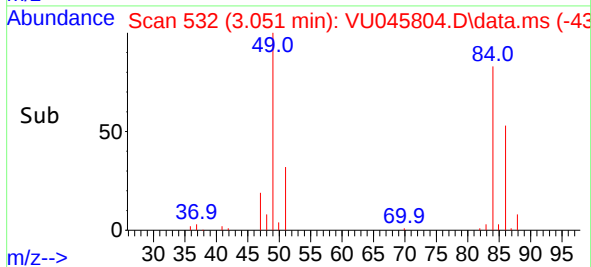
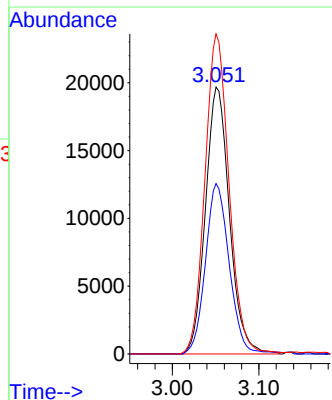
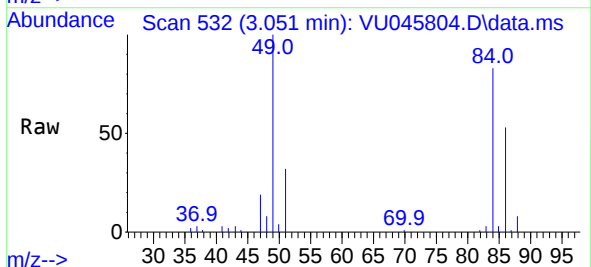
Instrument :
MSVOA_U
ClientSampleId :

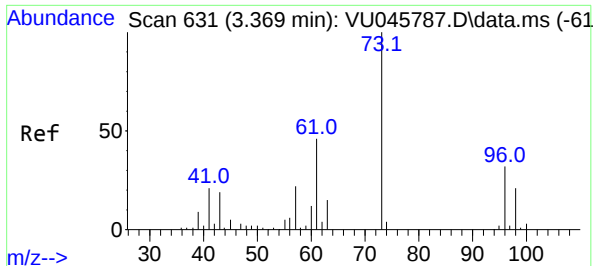
Tgt Ion: 43 Resp: 17634
Ion Ratio Lower Upper
43 100
74 25.2 19.1 28.7



#16
Methylene chloride
Concen: 4.545 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU045804.D
Acq: 16 Nov 2021 13:46

Tgt Ion: 84 Resp: 37981
Ion Ratio Lower Upper
84 100
86 63.8 45.8 85.0
49 119.9 84.5 156.9

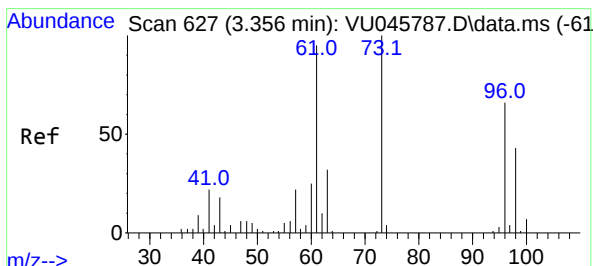
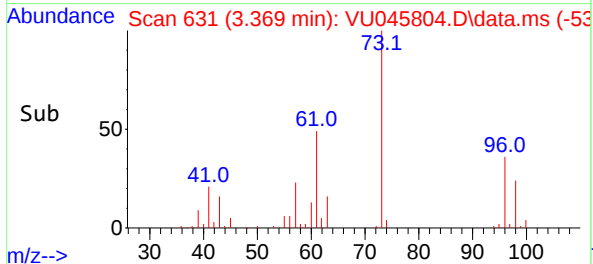
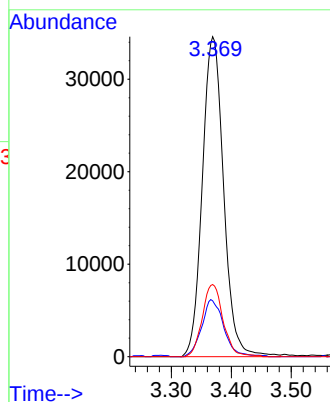
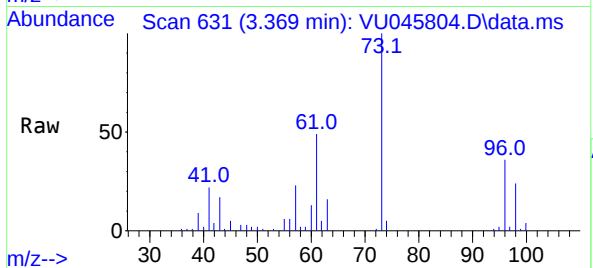




#17
Methyl tert-butyl Ether
Concen: 5.802 ug/L
RT: 3.369 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU045804.D
Acq: 16 Nov 2021 13:46

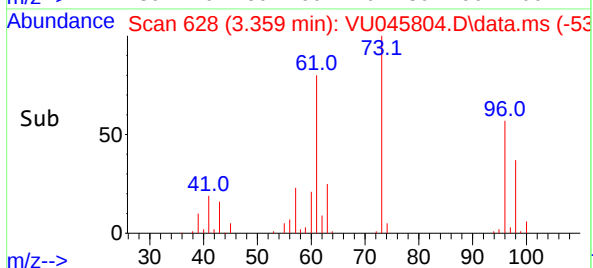
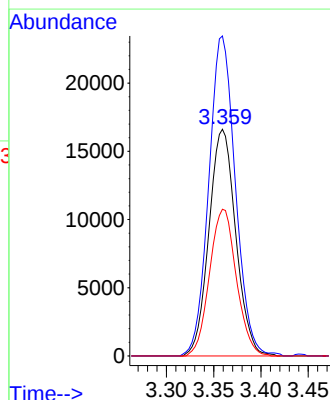
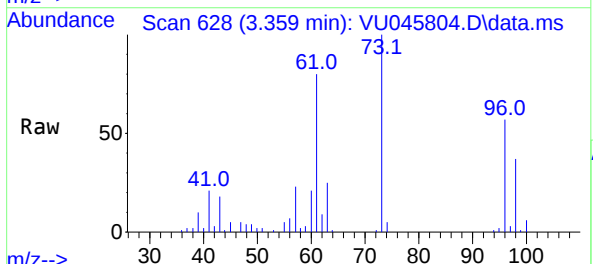
Instrument :
MSVOA_U
ClientSampleId :

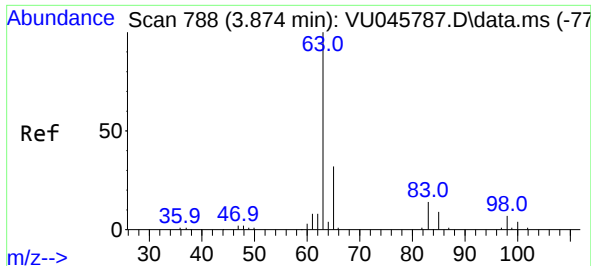
Tgt Ion: 73 Resp: 85497
Ion Ratio Lower Upper
73 100
43 18.4 14.8 22.2
57 22.1 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 5.406 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.003 min
Lab File: VU045804.D
Acq: 16 Nov 2021 13:46

Tgt Ion: 96 Resp: 32803
Ion Ratio Lower Upper
96 100
61 141.2 100.8 187.2
98 64.7 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.569 ug/L

RT: 3.877 min Scan# 7

Delta R.T. 0.003 min

Lab File: VU045804.D

Acq: 16 Nov 2021 13:46

Instrument :

MSVOA_U

ClientSampleId :

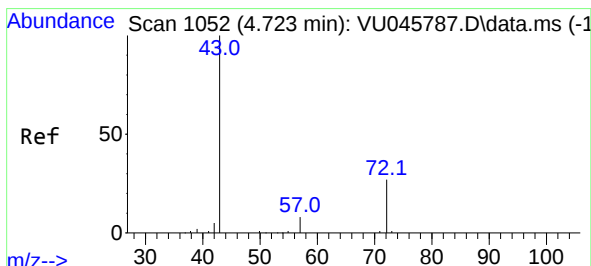
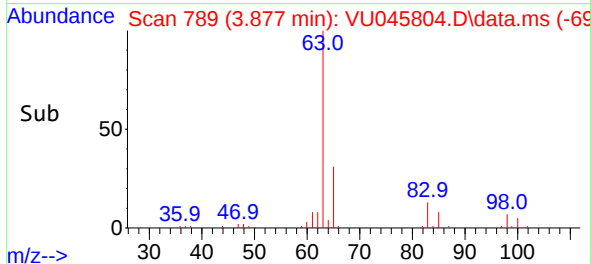
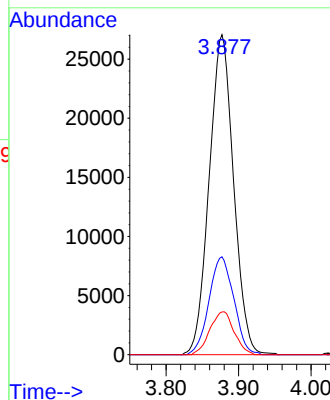
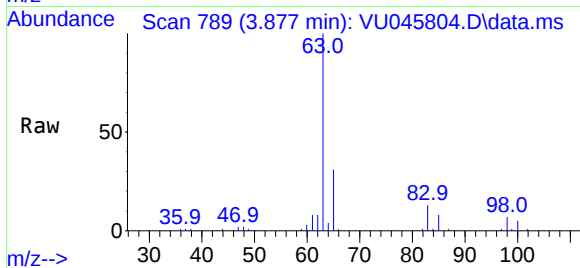
Tgt Ion: 63 Resp: 63309

Ion Ratio Lower Upper

63 100

65 30.6 22.3 41.5

83 13.4 9.6 17.8



#21

2-Butanone

Concen: 63.004 ug/L

RT: 4.732 min Scan# 1055

Delta R.T. 0.010 min

Lab File: VU045804.D

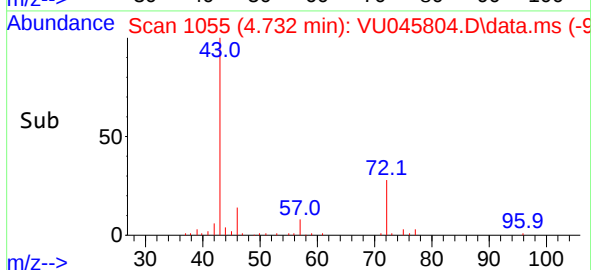
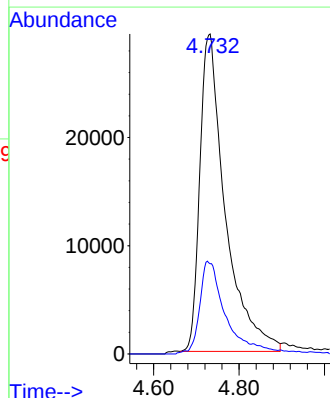
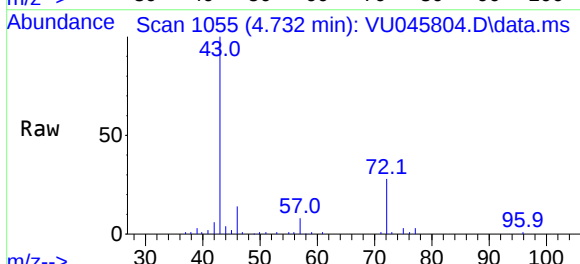
Acq: 16 Nov 2021 13:46

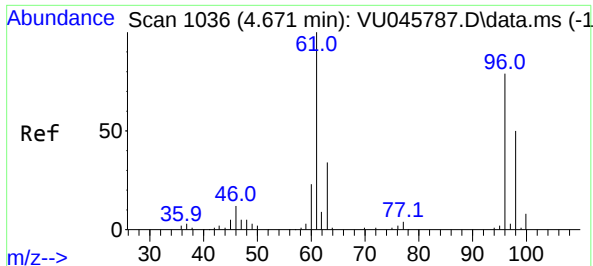
Tgt Ion: 43 Resp: 121138

Ion Ratio Lower Upper

43 100

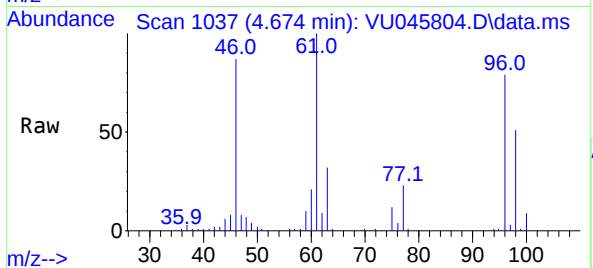
72 27.8 14.1 42.3



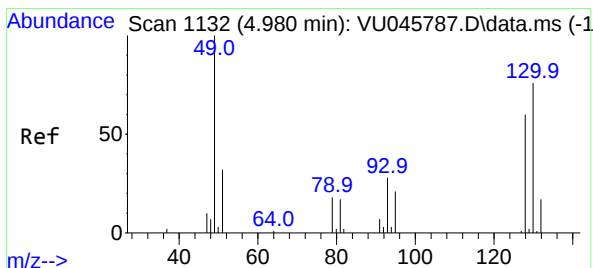
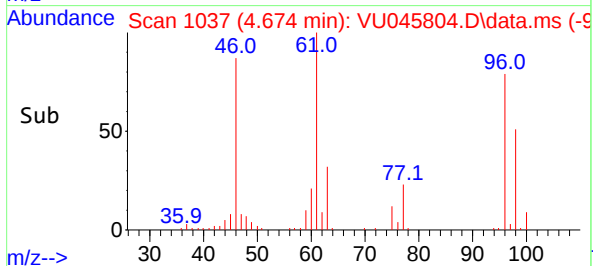
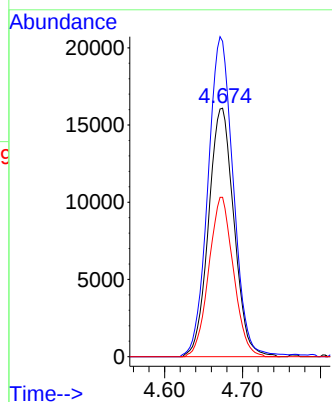


#22
cis-1,2-Dichloroethene
Concen: 5.540 ug/L
RT: 4.674 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU045804.D
Acq: 16 Nov 2021 13:46

Instrument :
MSVOA_U
ClientSampleId :

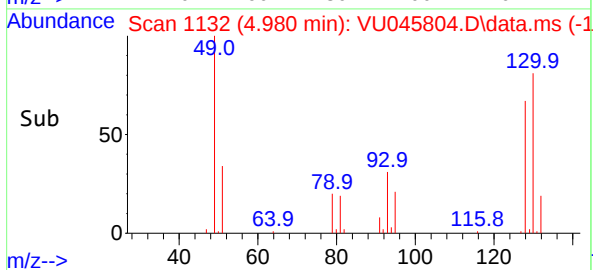
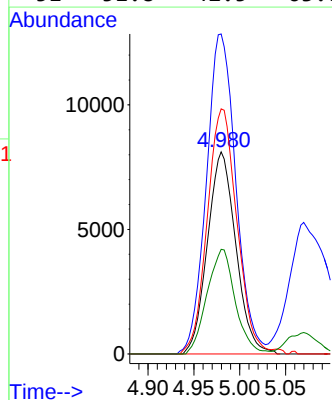
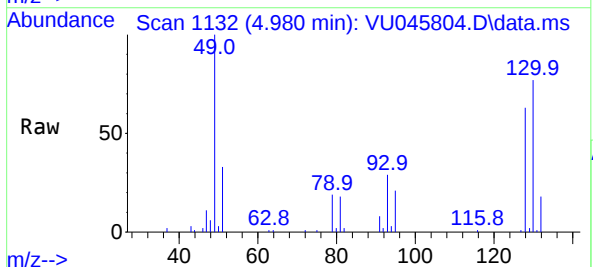


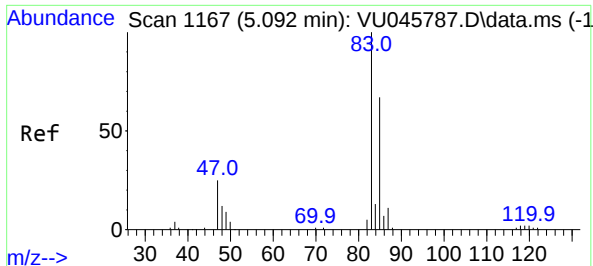
Tgt Ion: 96 Resp: 36447
Ion Ratio Lower Upper
96 100
61 126.9 88.5 164.3
98 64.1 44.4 82.5



#23
Bromochloromethane
Concen: 6.088 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU045804.D
Acq: 16 Nov 2021 13:46

Tgt Ion:128 Resp: 17456
Ion Ratio Lower Upper
128 100
49 158.3 117.0 217.2
130 121.3 88.2 163.8
51 51.8 42.5 63.7

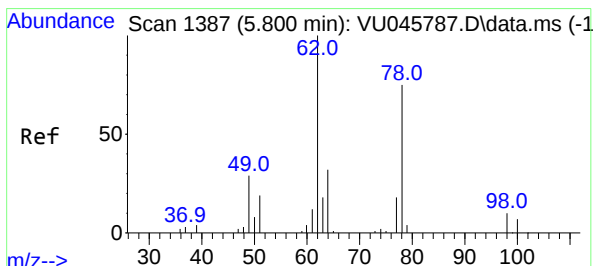
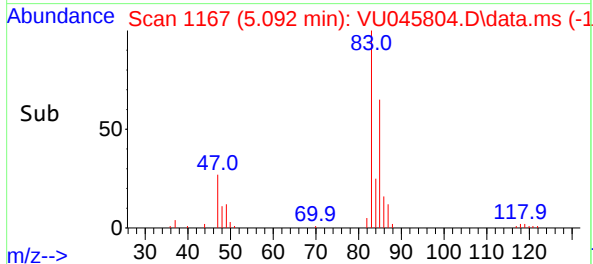
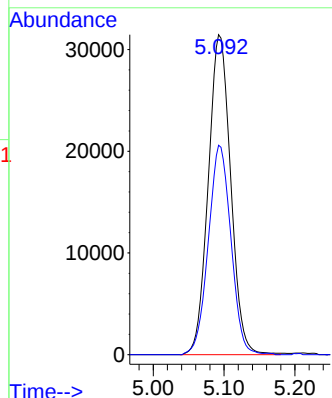
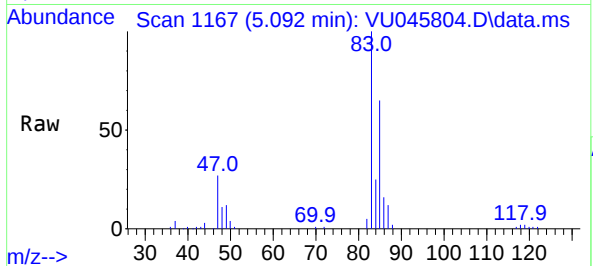




#25
Chloroform
Concen: 5.610 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VU045804.D
Acq: 16 Nov 2021 13:46

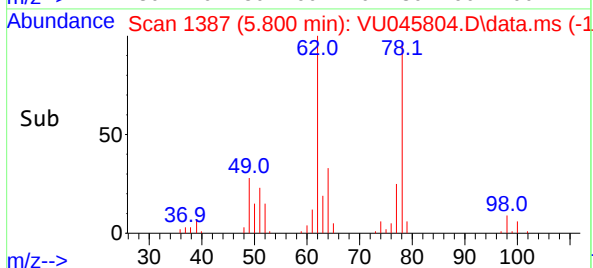
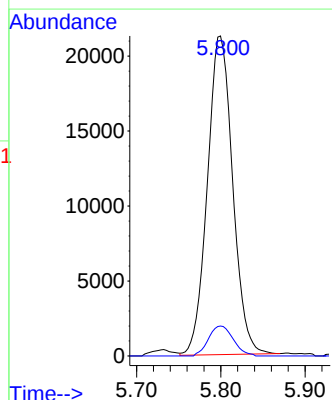
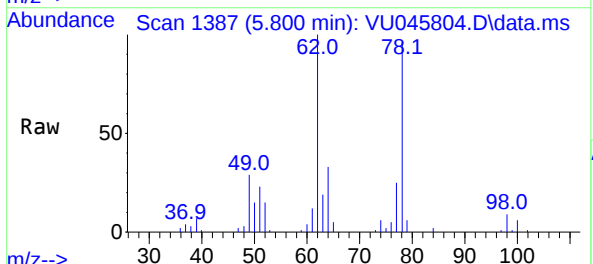
Instrument :
MSVOA_U
ClientSampleId :

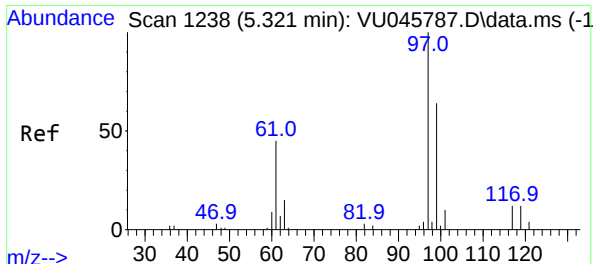
Tgt Ion: 83 Resp: 69181
Ion Ratio Lower Upper
83 100
85 65.5 46.9 87.1



#27
1,2-Dichloroethane
Concen: 5.637 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VU045804.D
Acq: 16 Nov 2021 13:46

Tgt Ion: 62 Resp: 44357
Ion Ratio Lower Upper
62 100
98 9.4 7.8 11.8

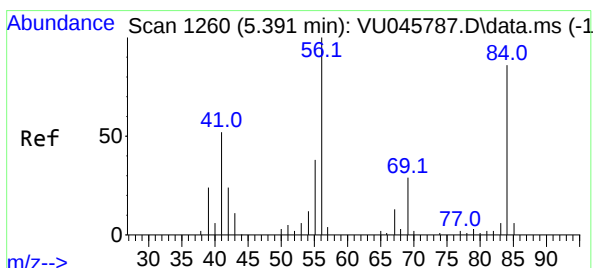
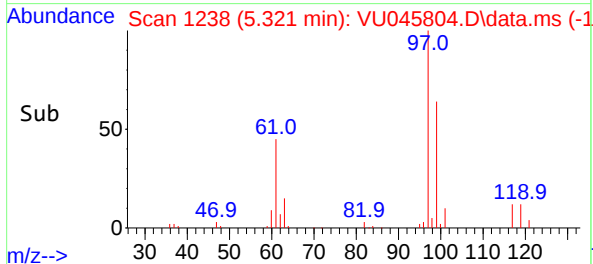
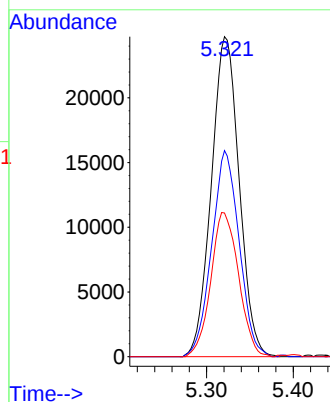
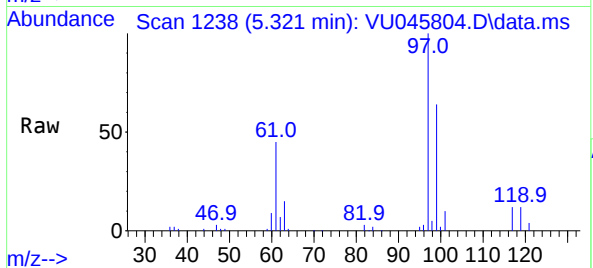




#29
1,1,1-Trichloroethane
Concen: 5.348 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU045804.D
Acq: 16 Nov 2021 13:46

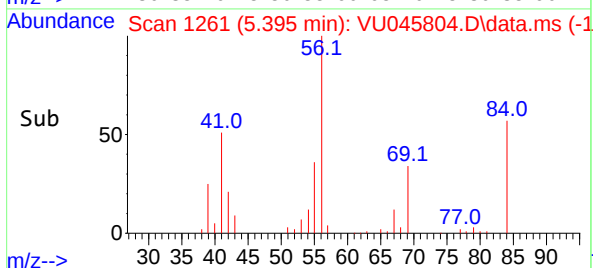
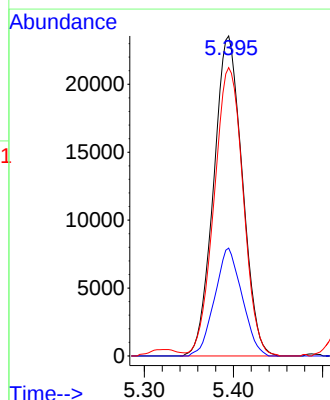
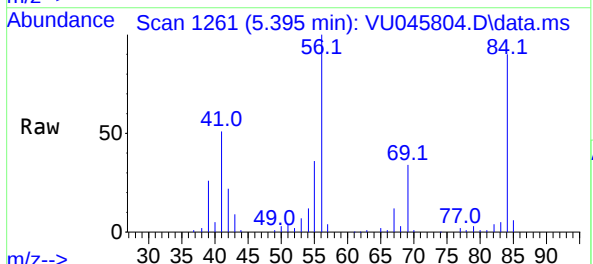
Instrument :
MSVOA_U
ClientSampleId :

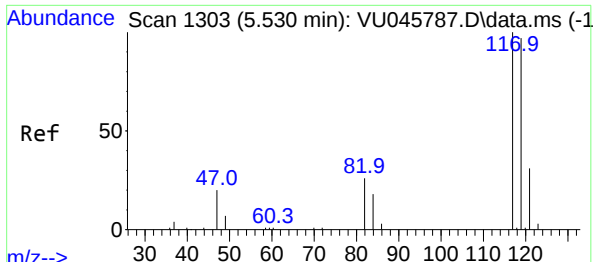
Tgt Ion: 97	Resp: 55171
Ion Ratio	Lower Upper
97 100	
99 63.6	51.3 76.9
61 45.0	36.1 54.1



#30
Cyclohexane
Concen: 5.136 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VU045804.D
Acq: 16 Nov 2021 13:46

Tgt Ion: 56	Resp: 52555
Ion Ratio	Lower Upper
56 100	
69 32.2	24.7 37.1
84 91.6	71.8 107.6

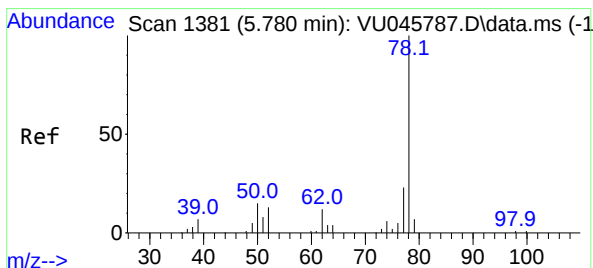
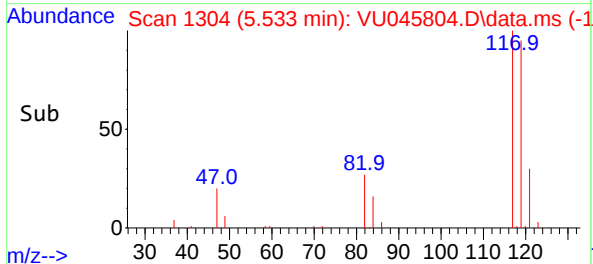
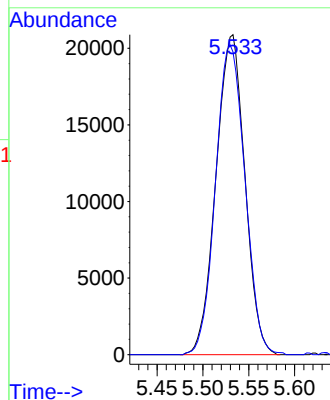
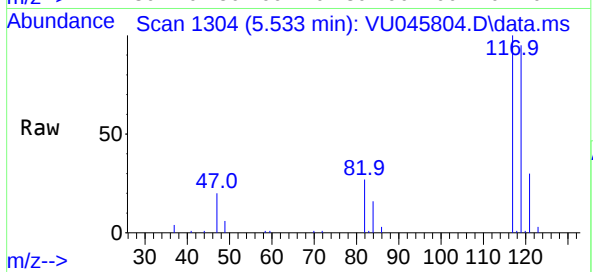




#31
Carbon tetrachloride
Concen: 5.270 ug/L
RT: 5.533 min Scan# 111
Delta R.T. 0.003 min
Lab File: VU045804.D
Acq: 16 Nov 2021 13:46

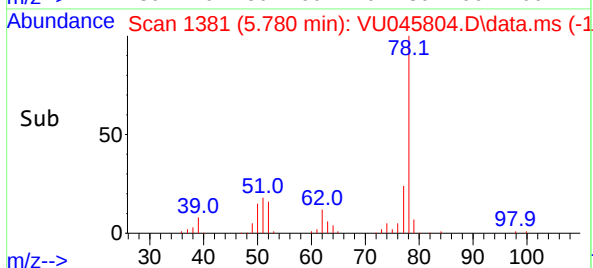
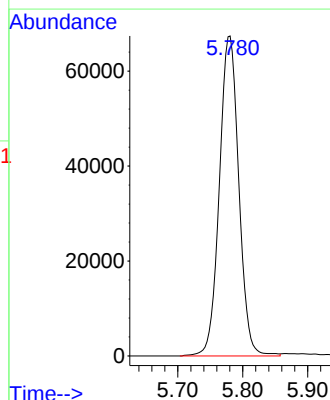
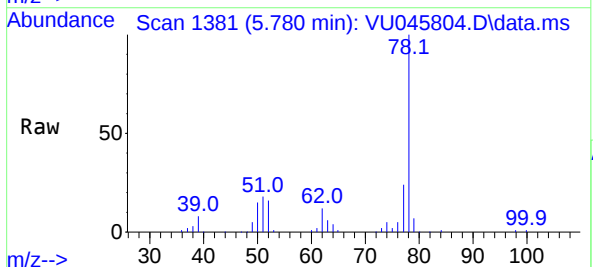
Instrument :
MSVOA_U
ClientSampleId :

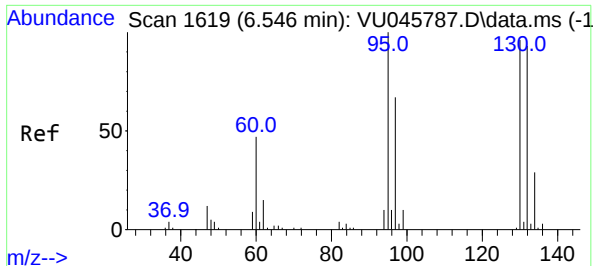
Tgt Ion:117 Resp: 45720
Ion Ratio Lower Upper
117 100
119 98.6 77.5 116.3



#33
Benzene
Concen: 5.277 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VU045804.D
Acq: 16 Nov 2021 13:46

Tgt Ion: 78 Resp: 139817

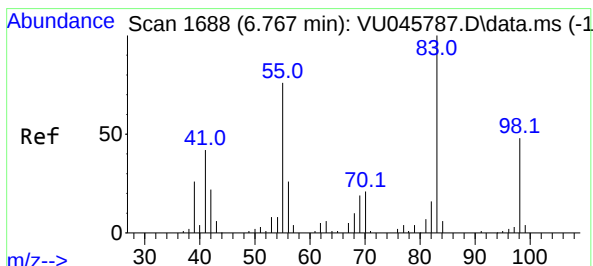
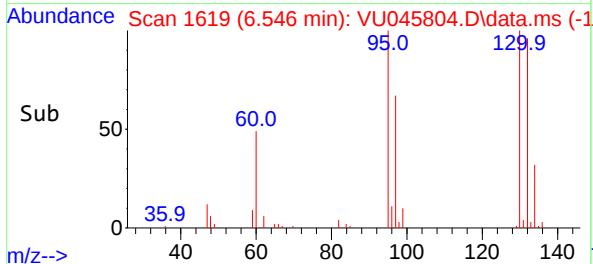
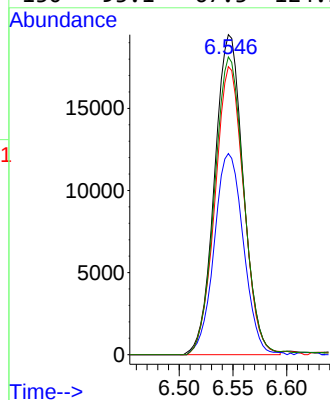
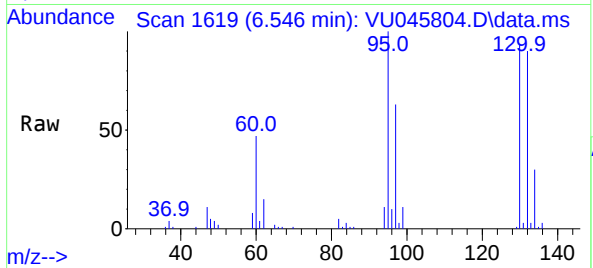




#34
Trichloroethene
Concen: 5.306 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045804.D
Acq: 16 Nov 2021 13:46

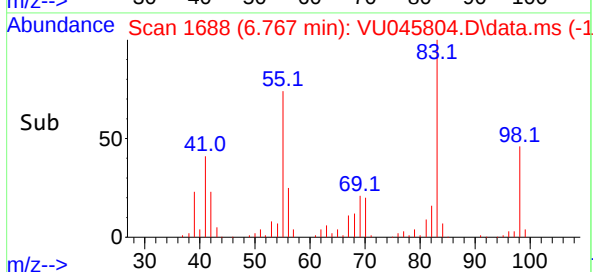
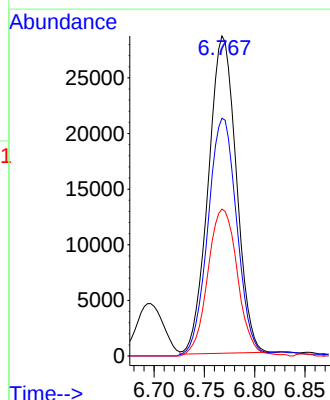
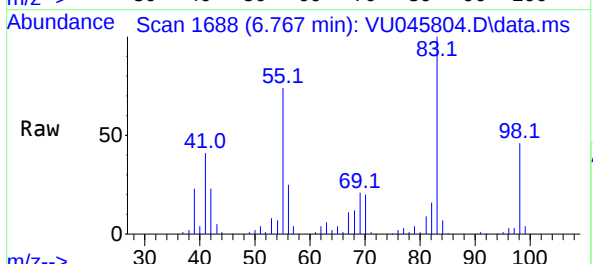
Instrument :
MSVOA_U
ClientSampleId :

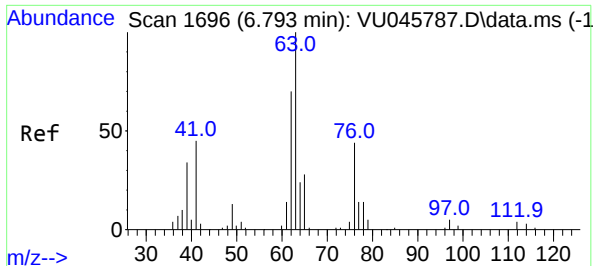
Tgt Ion: 95 Resp: 36234
Ion Ratio Lower Upper
95 100
97 62.9 46.5 86.5
132 90.0 65.1 120.9
130 93.1 67.3 124.9



#35
Methylcyclohexane
Concen: 5.267 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU045804.D
Acq: 16 Nov 2021 13:46

Tgt Ion: 83 Resp: 55240
Ion Ratio Lower Upper
83 100
55 77.6 61.9 92.9
98 49.3 39.0 58.6

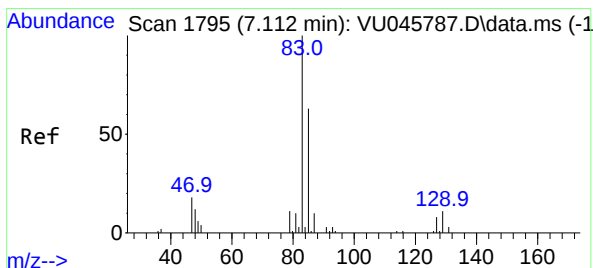
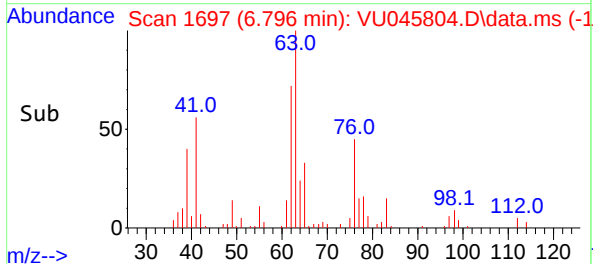
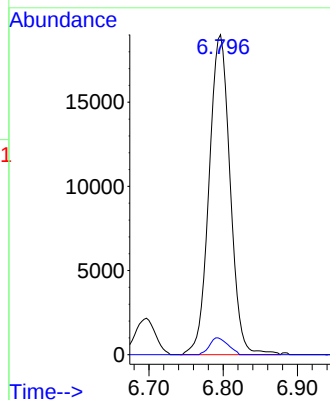
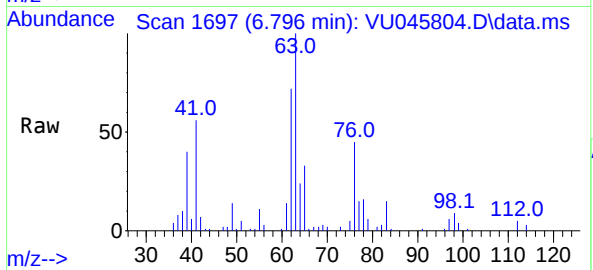




#37
1,2-Dichloropropane
Concen: 5.372 ug/L
RT: 6.796 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU045804.D
Acq: 16 Nov 2021 13:46

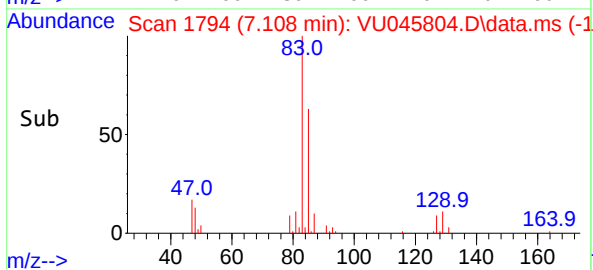
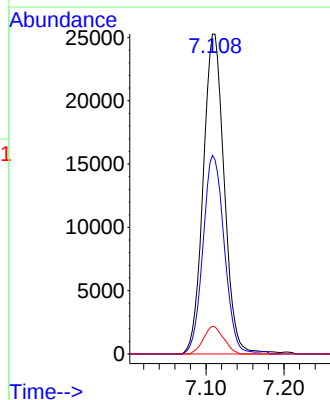
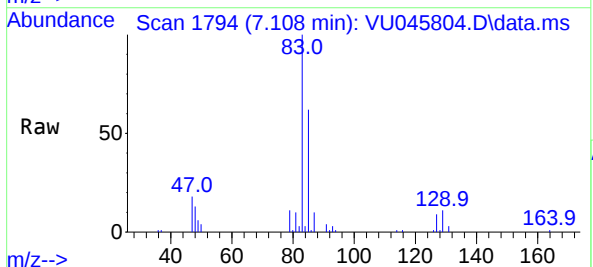
Instrument :
MSVOA_U
ClientSampleId :

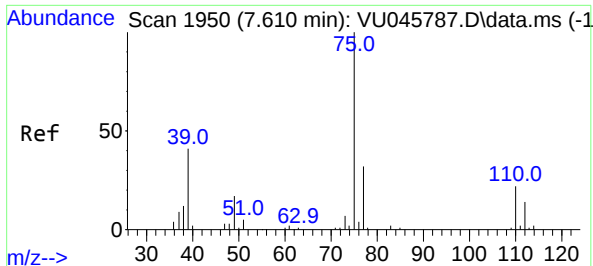
Tgt Ion: 63 Resp: 37458
Ion Ratio Lower Upper
63 100
112 4.6 3.2 4.8



#38
Bromodichloromethane
Concen: 5.510 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.003 min
Lab File: VU045804.D
Acq: 16 Nov 2021 13:46

Tgt Ion: 83 Resp: 47411
Ion Ratio Lower Upper
83 100
85 62.1 44.0 81.8
127 8.6 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.337 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU045804.D

Acq: 16 Nov 2021 13:46

Instrument :

MSVOA_U

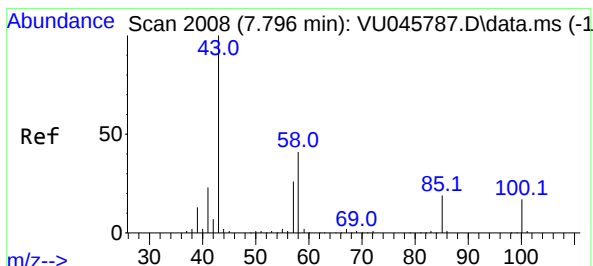
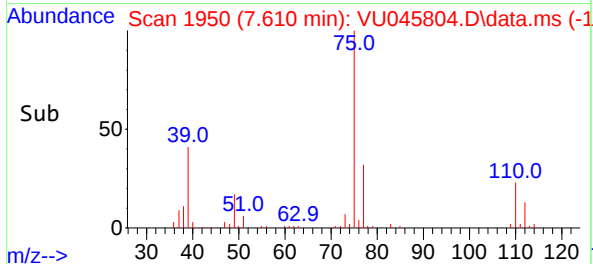
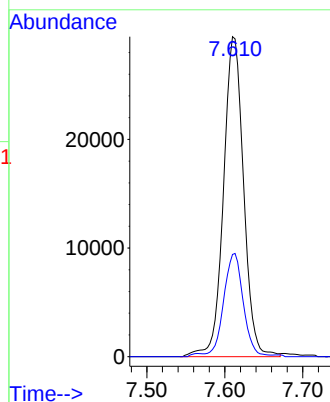
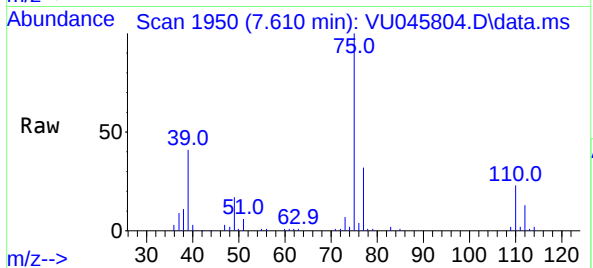
ClientSampleId :

Tgt Ion: 75 Resp: 52887

Ion Ratio Lower Upper

75 100

77 32.0 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 61.970 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU045804.D

Acq: 16 Nov 2021 13:46

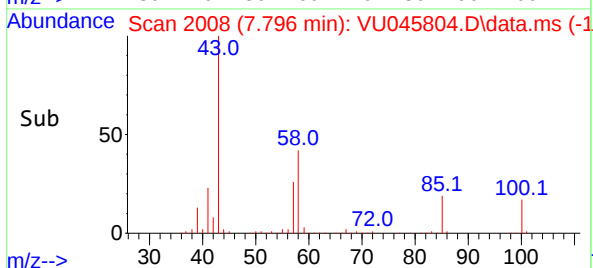
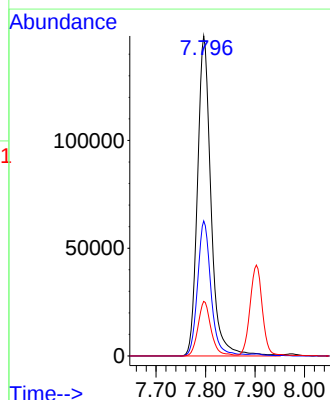
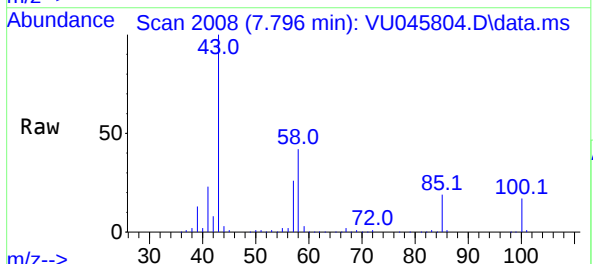
Tgt Ion: 43 Resp: 283441

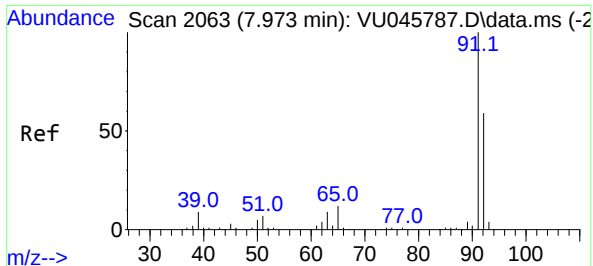
Ion Ratio Lower Upper

43 100

58 41.8 33.1 49.7

100 16.5 13.2 19.8





#42

Toluene

Concen: 5.522 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU045804.D

Acq: 16 Nov 2021 13:46

Instrument :

MSVOA_U

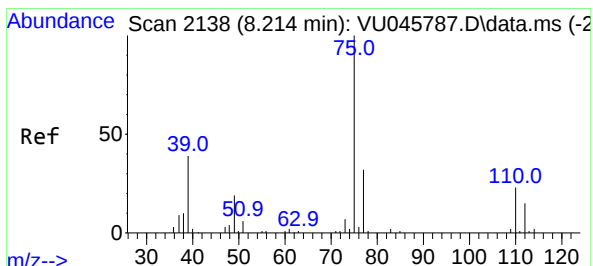
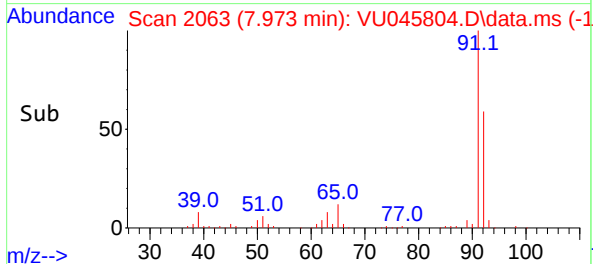
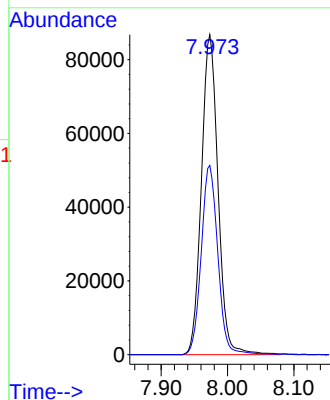
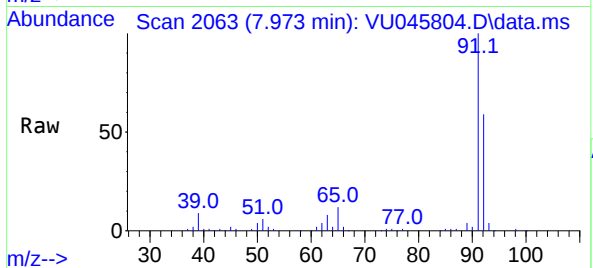
ClientSampleId :

Tgt Ion: 91 Resp: 151049

Ion Ratio Lower Upper

91 100

92 59.1 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.553 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. -0.000 min

Lab File: VU045804.D

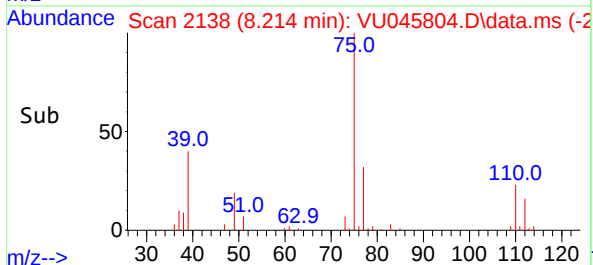
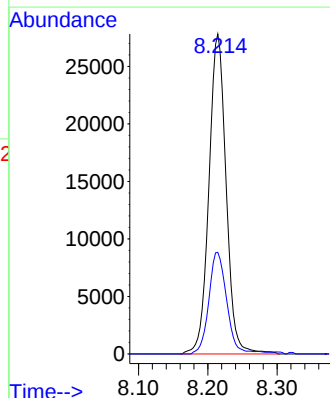
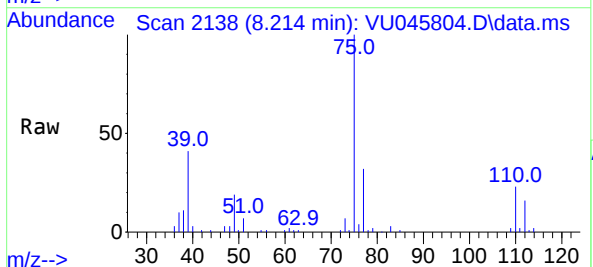
Acq: 16 Nov 2021 13:46

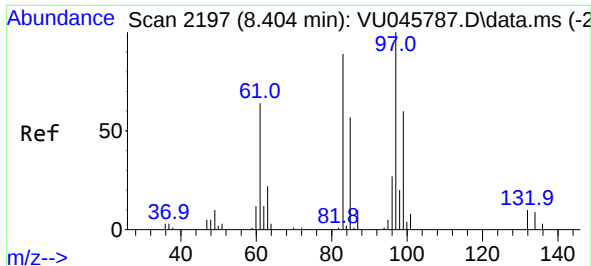
Tgt Ion: 75 Resp: 47872

Ion Ratio Lower Upper

75 100

77 31.8 22.7 42.3



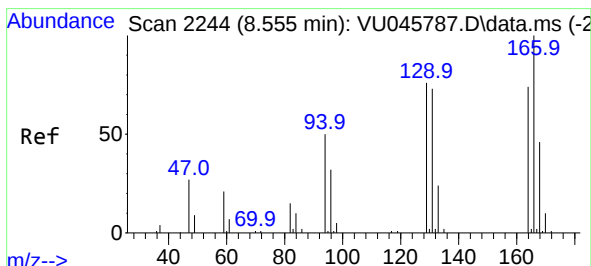
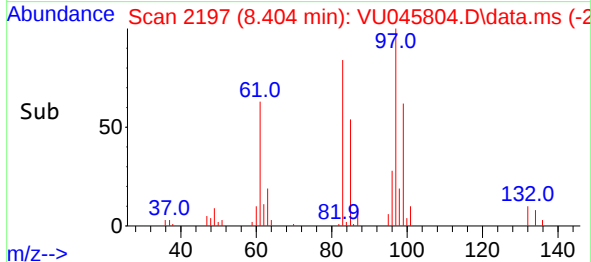
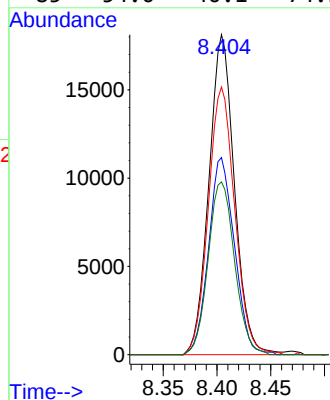
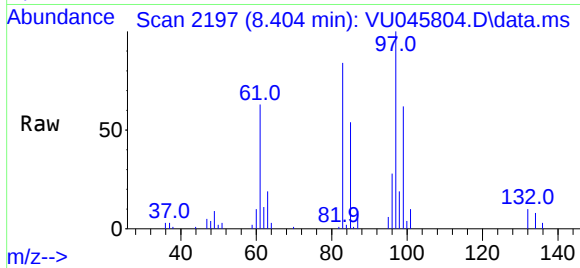


#45
1,1,2-Trichloroethane
Concen: 5.778 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU045804.D
Acq: 16 Nov 2021 13:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 29912

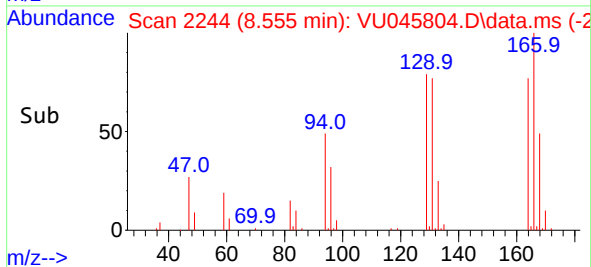
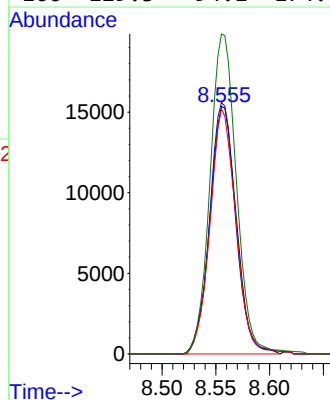
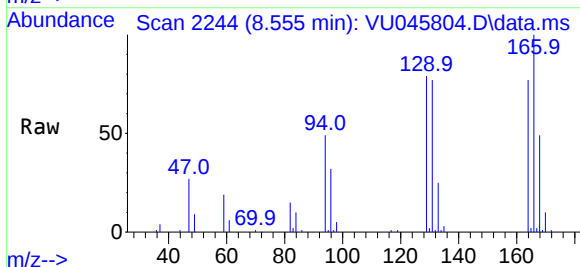
Ion	Ratio	Lower	Upper
97	100		
99	61.6	42.3	78.5
83	83.6	62.0	115.2
85	54.0	40.1	74.5

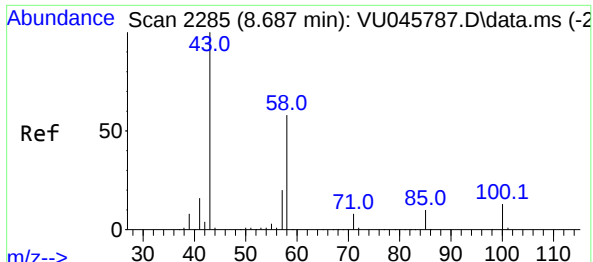


#47
Tetrachloroethene
Concen: 5.513 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU045804.D
Acq: 16 Nov 2021 13:46

Tgt Ion: 164 Resp: 26355

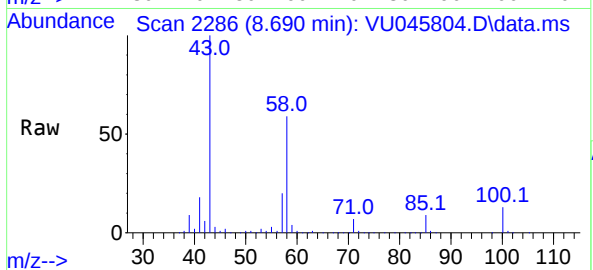
Ion	Ratio	Lower	Upper
164	100		
129	101.6	71.8	133.4
131	99.1	68.5	127.3
166	129.3	94.1	174.8



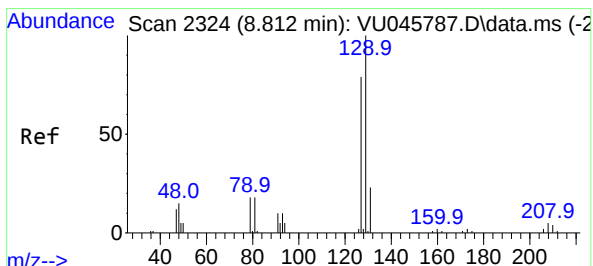
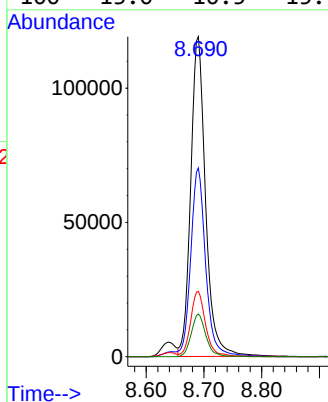
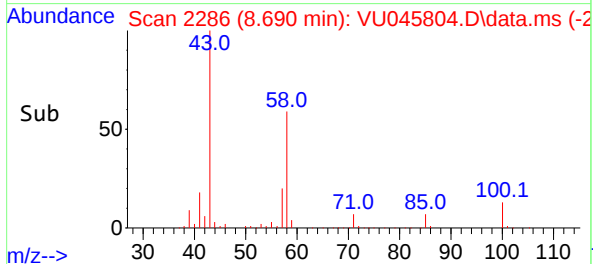


#48
2-Hexanone
Concen: 64.714 ug/L
RT: 8.690 min Scan# 213832
Delta R.T. 0.003 min
Lab File: VU045804.D
Acq: 16 Nov 2021 13:46

Instrument :
MSVOA_U
ClientSampleId :

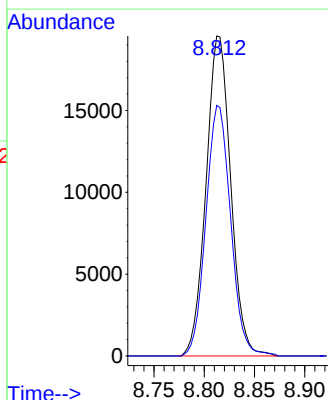
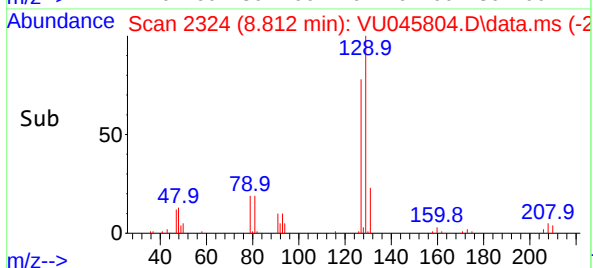
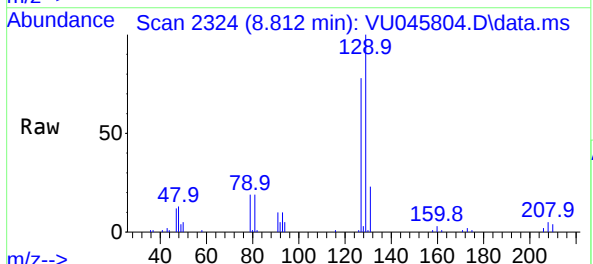


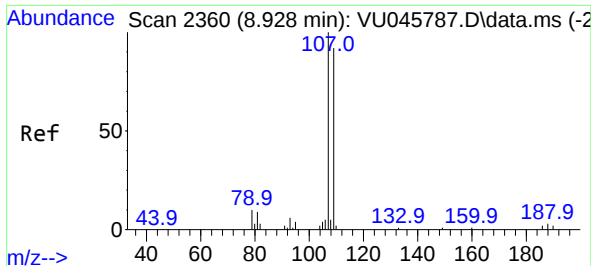
Tgt Ion: 43 Resp: 213832
Ion Ratio Lower Upper
43 100
58 59.6 46.7 70.1
57 20.3 16.3 24.5
100 13.0 10.5 15.7



#49
Dibromochloromethane
Concen: 5.667 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU045804.D
Acq: 16 Nov 2021 13:46

Tgt Ion: 129 Resp: 33415
Ion Ratio Lower Upper
129 100
127 78.3 55.4 102.8





#50

1,2-Dibromoethane

Concen: 5.944 ug/L

RT: 8.928 min Scan# 21

Delta R.T. -0.000 min

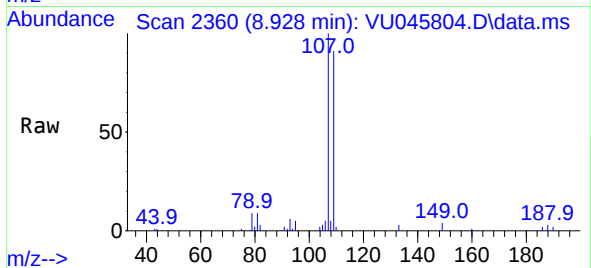
Lab File: VU045804.D

Acq: 16 Nov 2021 13:46

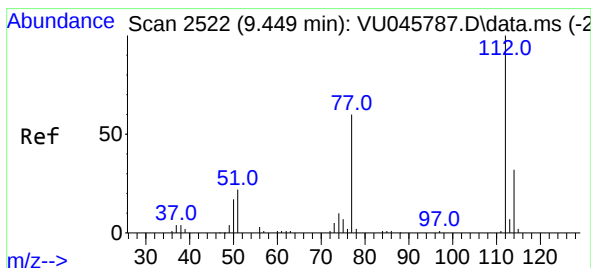
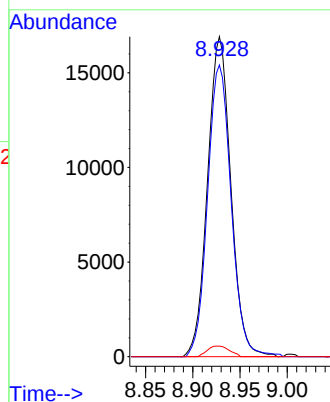
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	28991
Ion	Ratio	Lower	Upper
107	100		
109	91.2	64.0	119.0
188	3.3	2.4	3.6



#51

Chlorobenzene

Concen: 5.596 ug/L

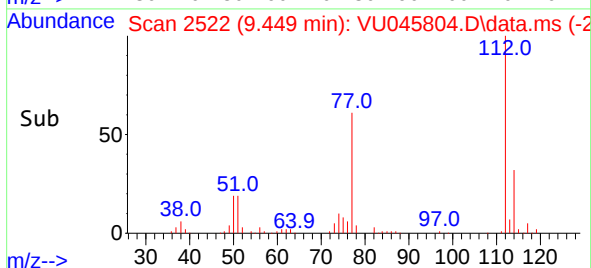
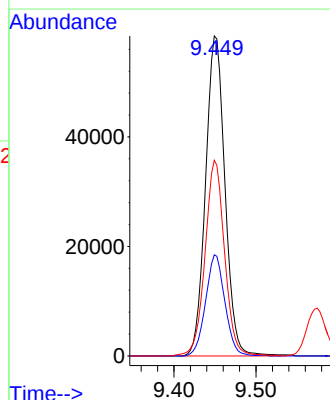
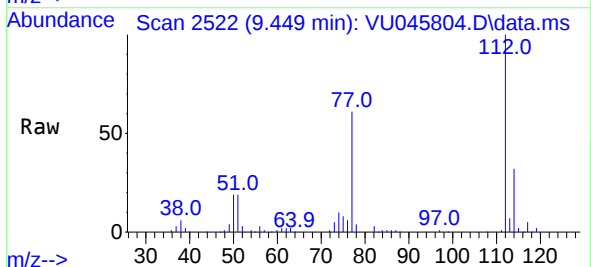
RT: 9.449 min Scan# 2522

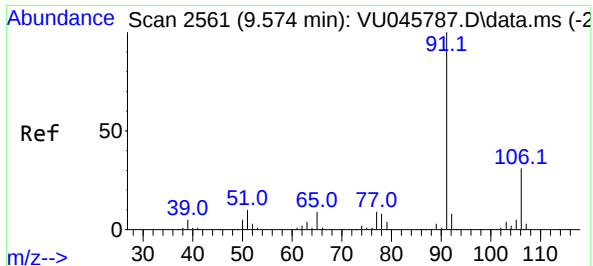
Delta R.T. -0.000 min

Lab File: VU045804.D

Acq: 16 Nov 2021 13:46

Tgt Ion:	112	Resp:	96021
Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.1	41.1
77	61.2	48.3	72.5





#52

Ethylbenzene

Concen: 5.544 ug/L

RT: 9.574 min Scan# 2561

Delta R.T. -0.000 min

Lab File: VU045804.D

Acq: 16 Nov 2021 13:46

Instrument :

MSVOA_U

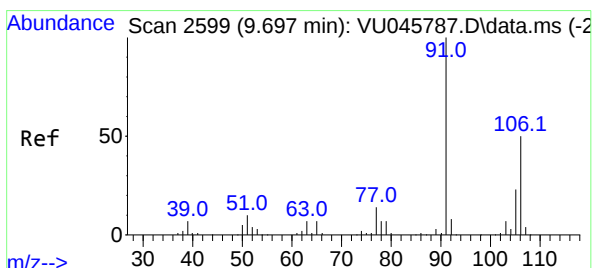
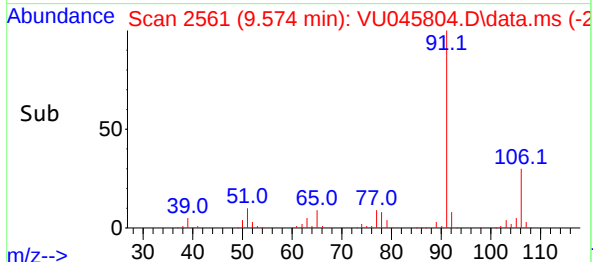
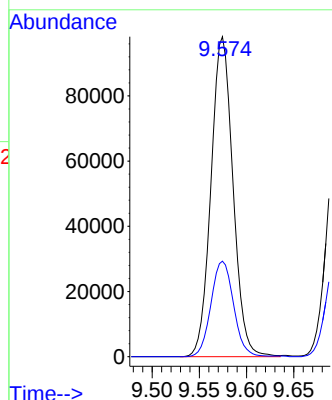
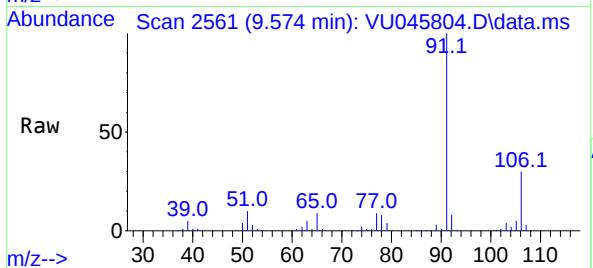
ClientSampleId :

Tgt Ion: 91 Resp: 158716

Ion Ratio Lower Upper

91 100

106 29.9 21.5 39.9



#53

m,p-Xylene

Concen: 5.608 ug/L

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU045804.D

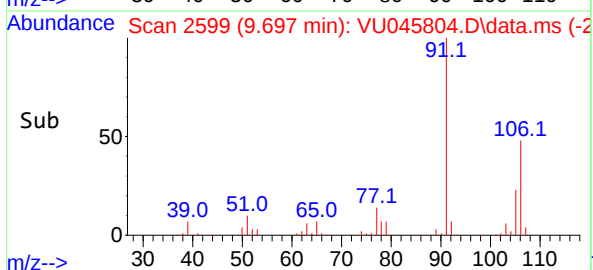
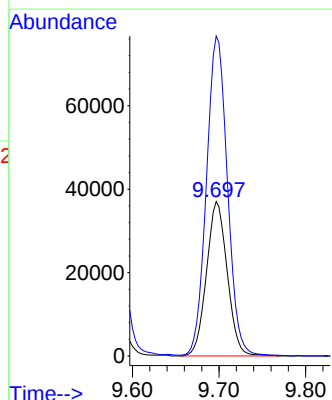
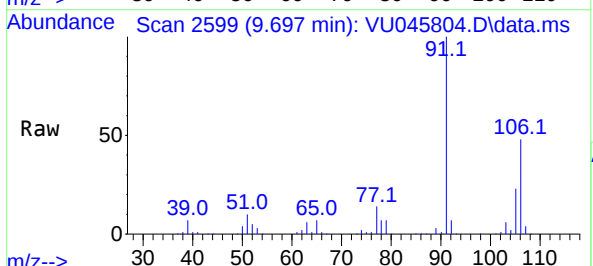
Acq: 16 Nov 2021 13:46

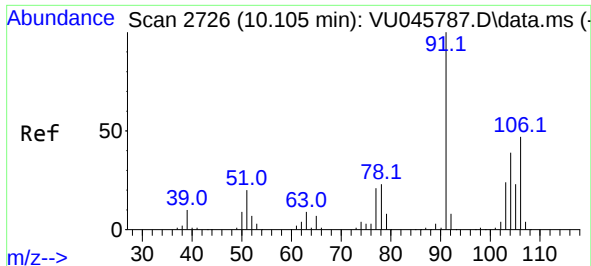
Tgt Ion:106 Resp: 61499

Ion Ratio Lower Upper

106 100

91 207.2 139.4 259.0

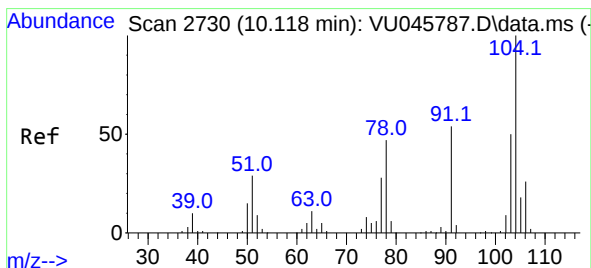
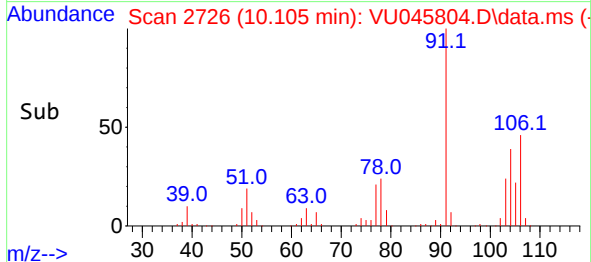
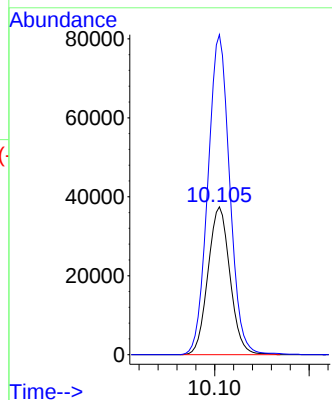
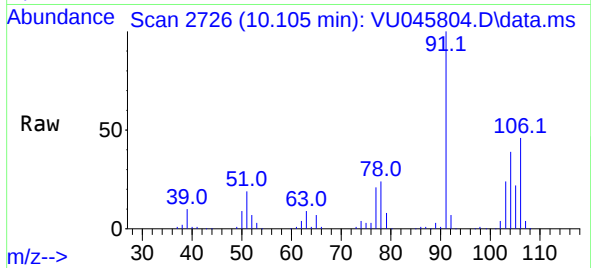




#54
o-Xylene
Concen: 5.724 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU045804.D
Acq: 16 Nov 2021 13:46

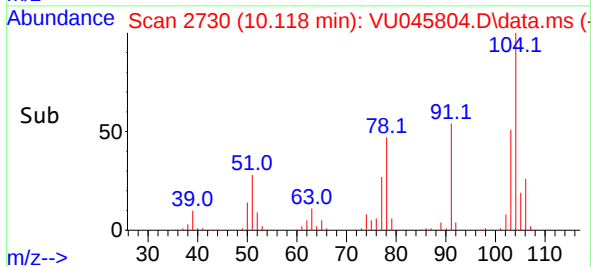
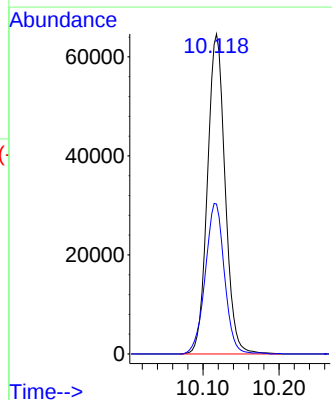
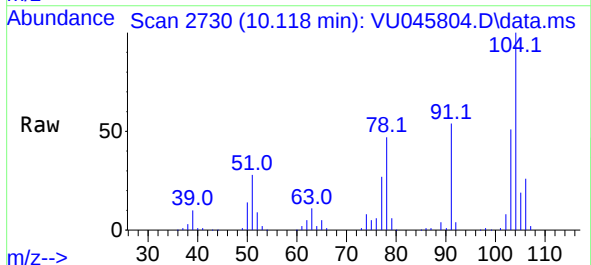
Instrument :
MSVOA_U
ClientSampleId :

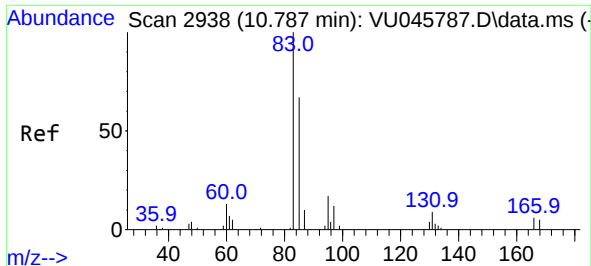
Tgt Ion:106 Resp: 60573
Ion Ratio Lower Upper
106 100
91 216.4 147.5 273.9



#55
Styrene
Concen: 5.849 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045804.D
Acq: 16 Nov 2021 13:46

Tgt Ion:104 Resp: 104207
Ion Ratio Lower Upper
104 100
78 46.8 33.0 61.4

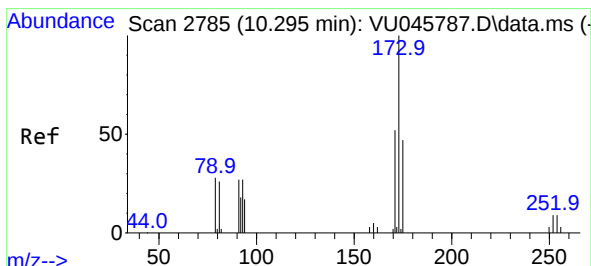
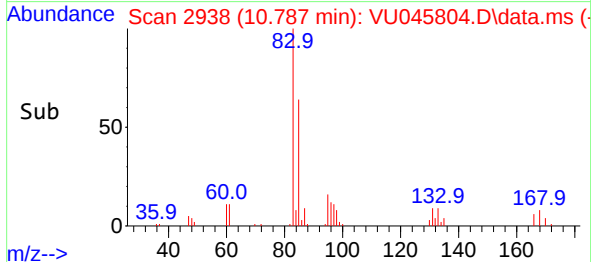
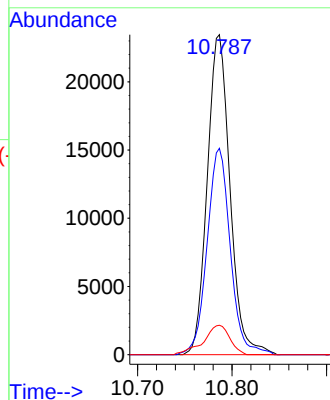
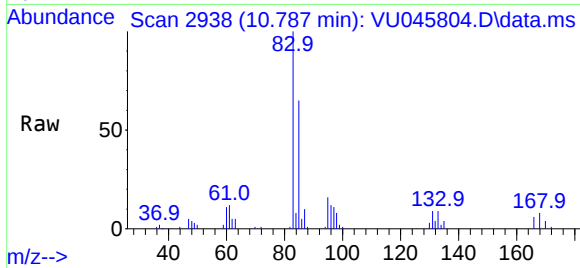




#57
1,1,2,2-Tetrachloroethane
Concen: 5.913 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU045804.D
Acq: 16 Nov 2021 13:46

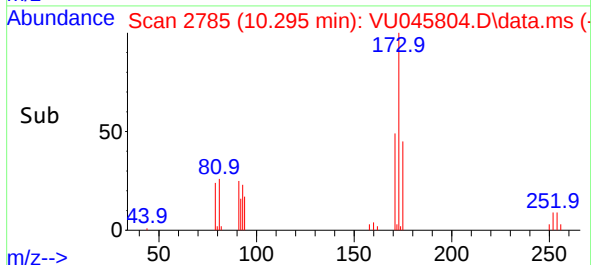
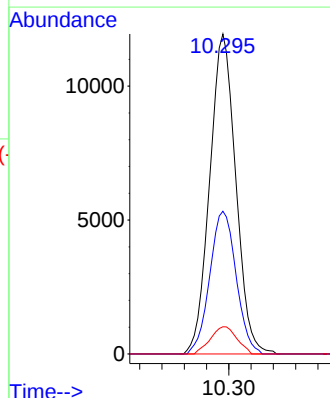
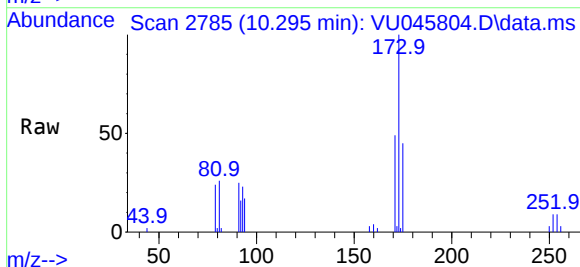
Instrument :
MSVOA_U
ClientSampleId :

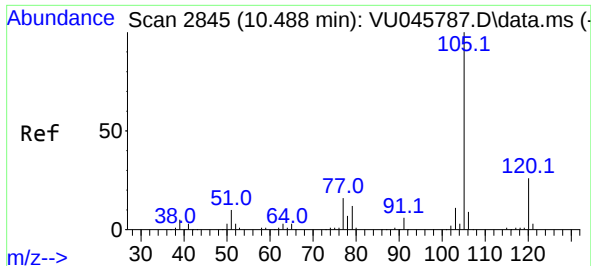
Tgt Ion:	83	Resp:	39209
Ion	Ratio	Lower	Upper
83	100		
85	64.5	47.9	89.1
131	9.2	8.1	12.1



#59
Bromoform
Concen: 5.748 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VU045804.D
Acq: 16 Nov 2021 13:46

Tgt Ion:	173	Resp:	19394
Ion	Ratio	Lower	Upper
173	100		
175	45.1	37.8	56.6
254	8.6	7.3	10.9

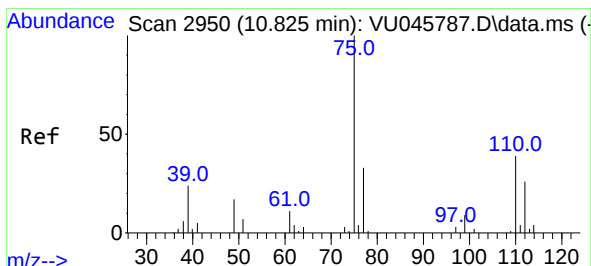
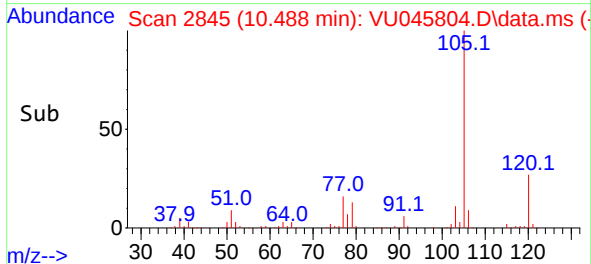
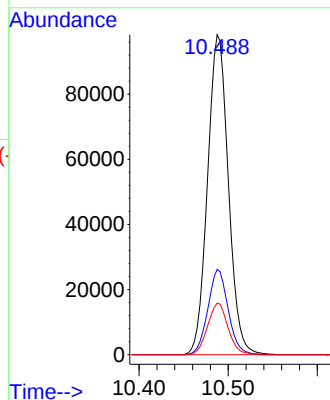
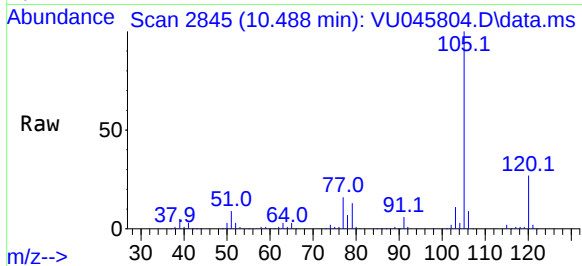




#60
Isopropylbenzene
Concen: 5.326 ug/L
RT: 10.488 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045804.D
Acq: 16 Nov 2021 13:46

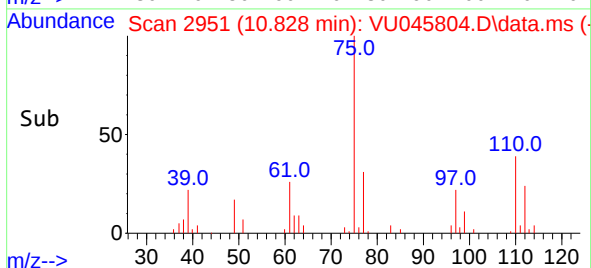
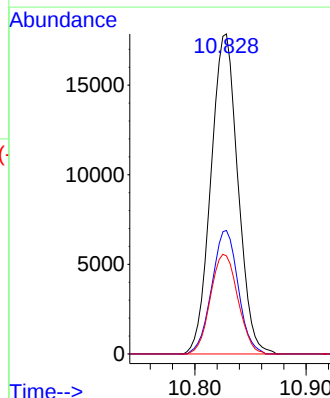
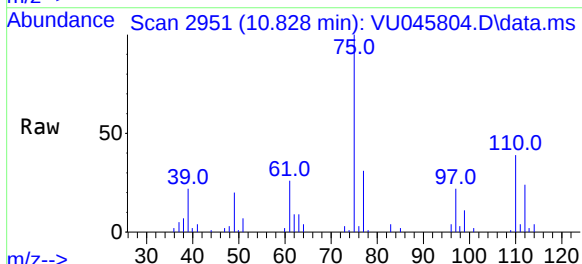
Instrument :
MSVOA_U
ClientSampleId :

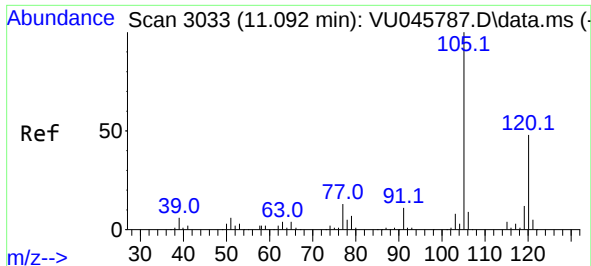
Tgt Ion:105 Resp: 159291
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.681 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU045804.D
Acq: 16 Nov 2021 13:46

Tgt Ion: 75 Resp: 30040
Ion Ratio Lower Upper
75 100
110 37.8 29.9 44.9
77 31.7 25.5 38.3

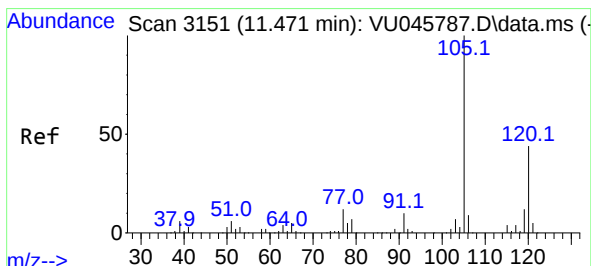
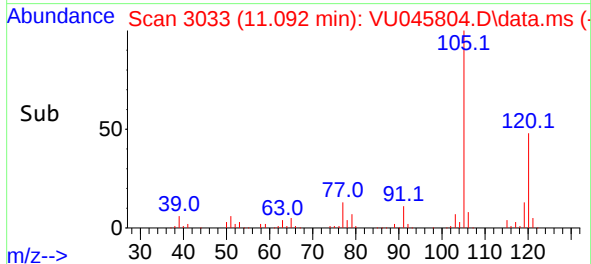
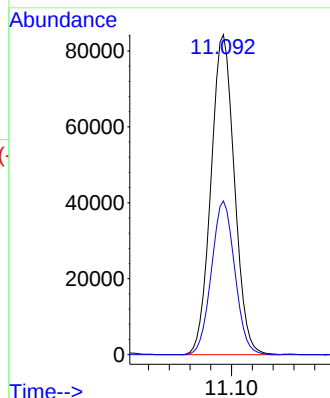
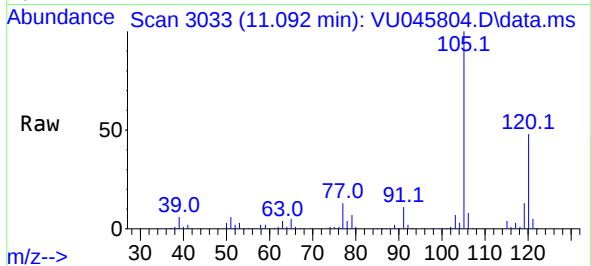




#62
 1,3,5-Trimethylbenzene
 Concen: 5.398 ug/L
 RT: 11.092 min Scan# 3033
 Delta R.T. -0.000 min
 Lab File: VU045804.D
 Acq: 16 Nov 2021 13:46

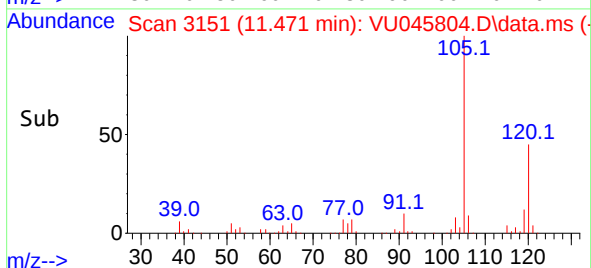
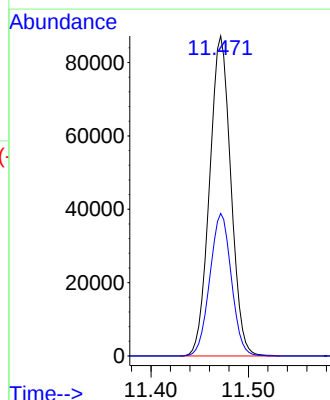
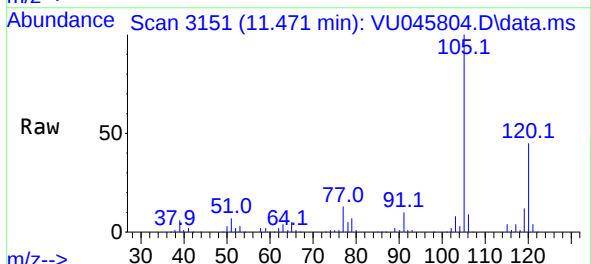
Instrument :
 MSVOA_U
 ClientSampleId :

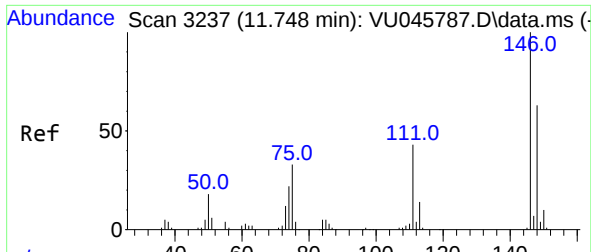
Tgt Ion:105 Resp: 131996
 Ion Ratio Lower Upper
 105 100
 120 47.8 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 5.400 ug/L
 RT: 11.471 min Scan# 3151
 Delta R.T. -0.000 min
 Lab File: VU045804.D
 Acq: 16 Nov 2021 13:46

Tgt Ion:105 Resp: 132302
 Ion Ratio Lower Upper
 105 100
 120 45.0 35.8 53.8

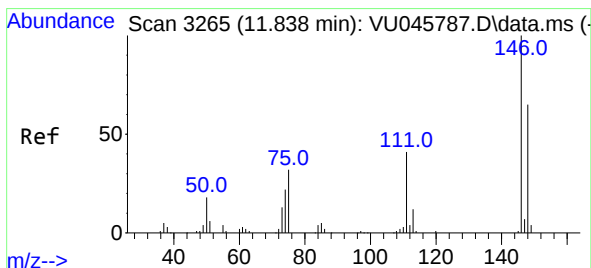
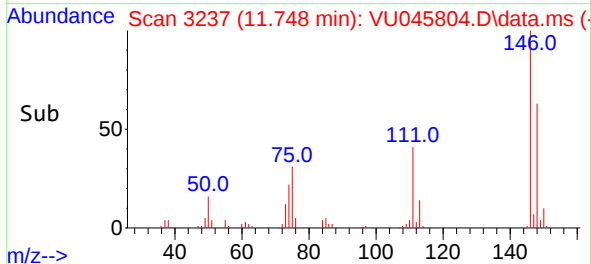
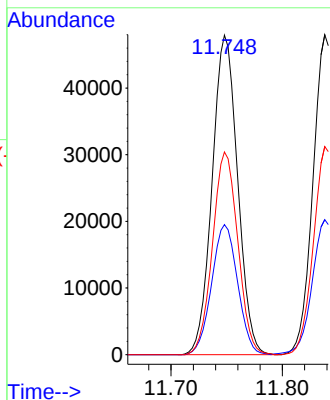
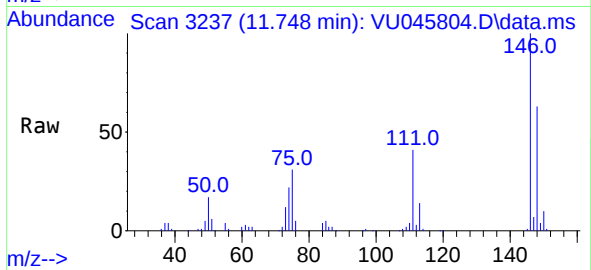




#64
1,3-Dichlorobenzene
Concen: 5.452 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU045804.D
Acq: 16 Nov 2021 13:46

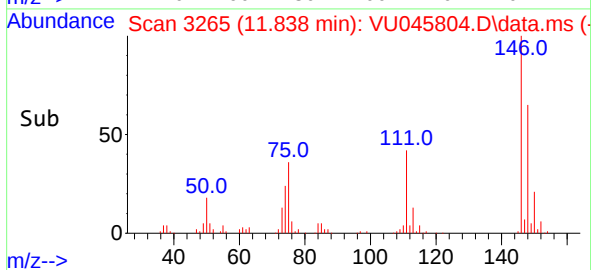
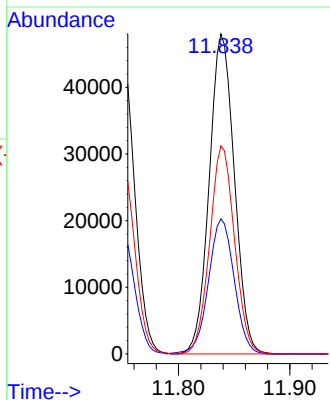
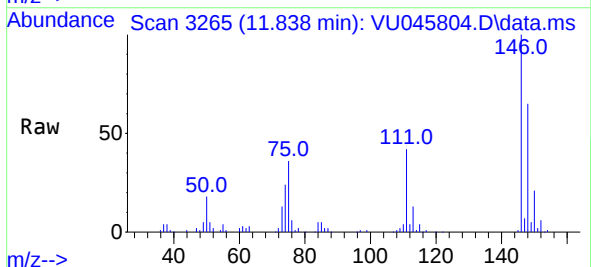
Instrument :
MSVOA_U
ClientSampleId :

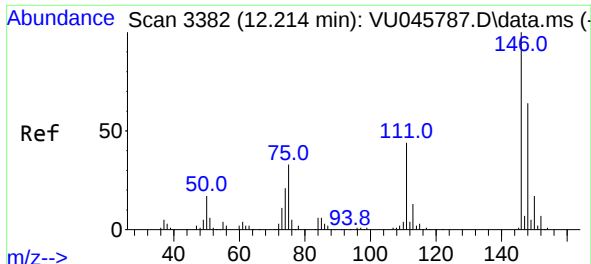
Tgt Ion:146 Resp: 76061
Ion Ratio Lower Upper
146 100
111 40.7 29.9 55.5
148 63.5 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.315 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU045804.D
Acq: 16 Nov 2021 13:46

Tgt Ion:146 Resp: 75336
Ion Ratio Lower Upper
146 100
111 42.2 28.7 53.3
148 65.0 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 5.428 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

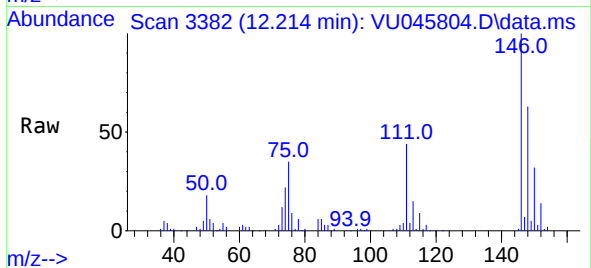
Lab File: VU045804.D

Acq: 16 Nov 2021 13:46

Instrument :

MSVOA_U

ClientSampleId :



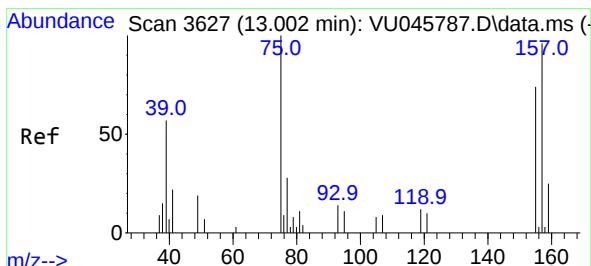
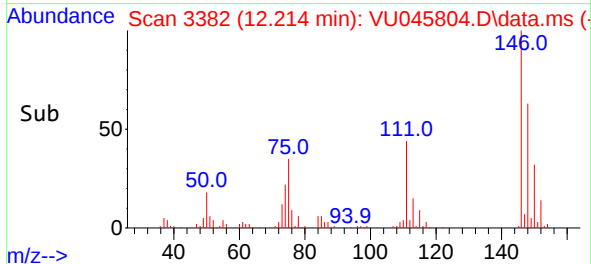
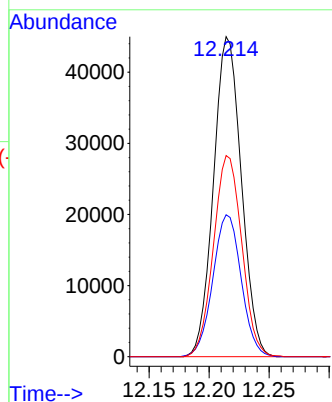
Tgt Ion:146 Resp: 72605

Ion	Ratio	Lower	Upper
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146	100		
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111	44.3	35.4	53.0
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148	62.8	51.1	76.7
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#68

1,2-Dibromo-3-chloropropane

Concen: 5.216 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.006 min

Lab File: VU045804.D

Acq: 16 Nov 2021 13:46

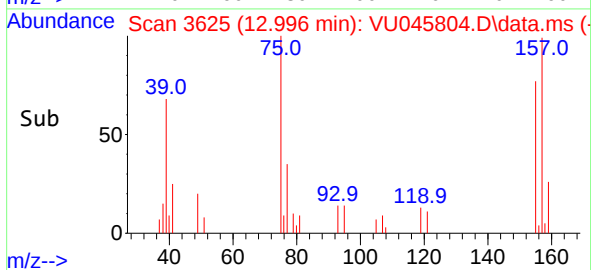
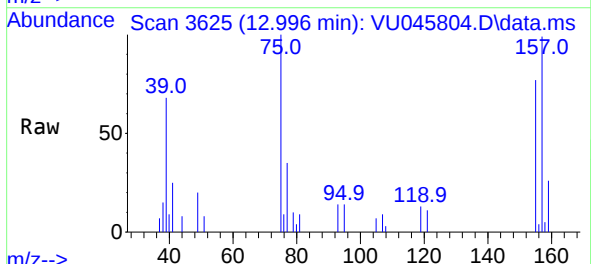
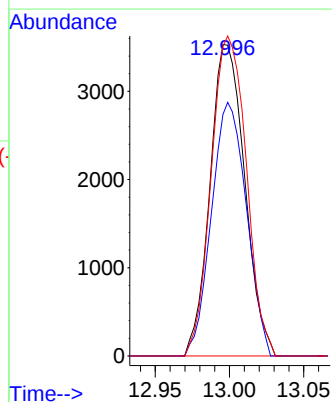
Tgt Ion: 75 Resp: 5739

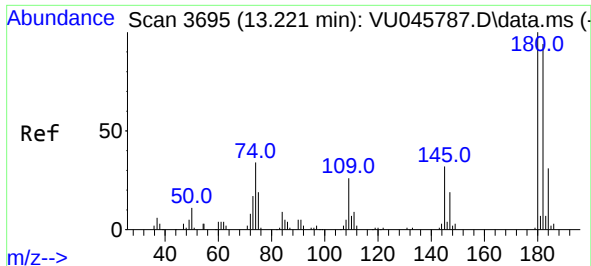
Ion	Ratio	Lower	Upper
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75	100		
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155	77.5	59.2	88.8
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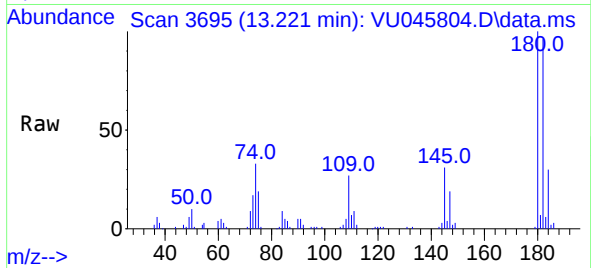
157	99.3	76.5	114.7
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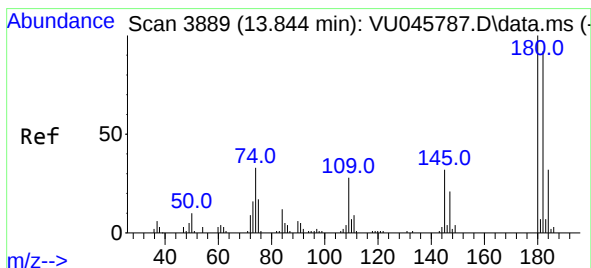
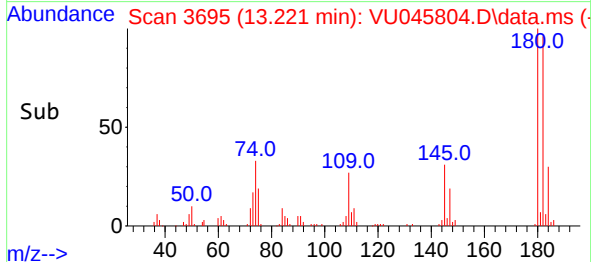
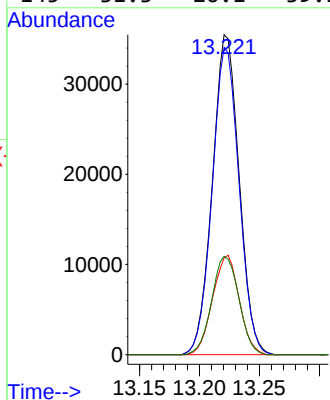


#69
1,3,5-Trichlorobenzene
Concen: 5.269 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. -0.000 min
Lab File: VU045804.D
Acq: 16 Nov 2021 13:46

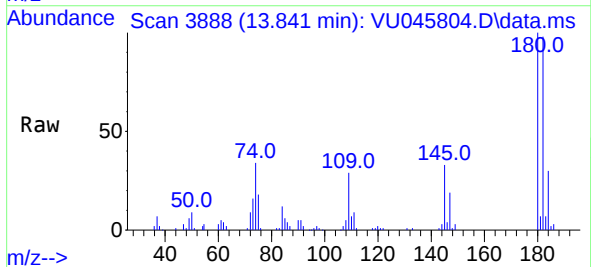
Instrument :
MSVOA_U
ClientSampleId :



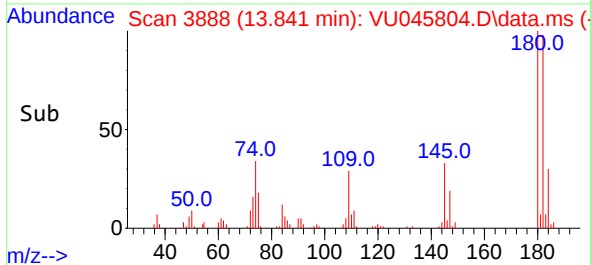
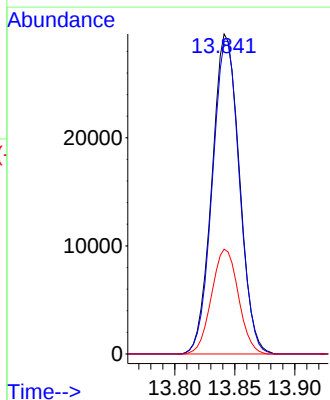
Tgt Ion:180 Resp: 54990
Ion Ratio Lower Upper
180 100
182 96.1 76.1 114.1
184 30.9 25.0 37.4
145 31.3 26.1 39.1

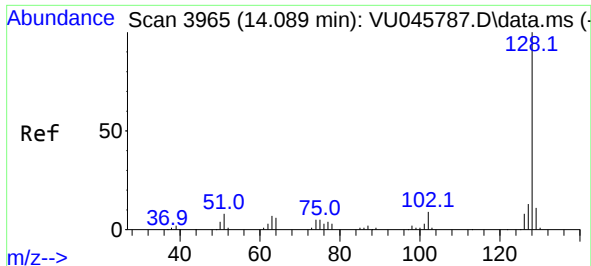


#70
1,2,4-trichlorobenzene
Concen: 5.318 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.003 min
Lab File: VU045804.D
Acq: 16 Nov 2021 13:46



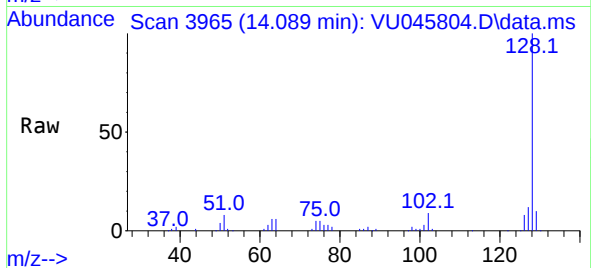
Tgt Ion:180 Resp: 46964
Ion Ratio Lower Upper
180 100
182 96.7 76.4 114.6
145 32.1 25.6 38.4



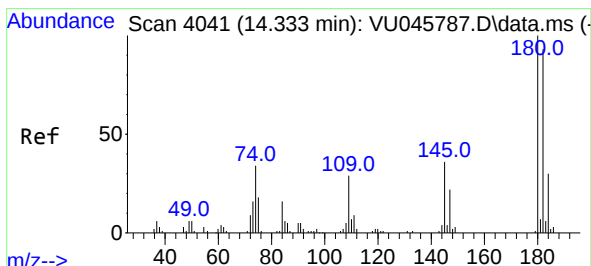
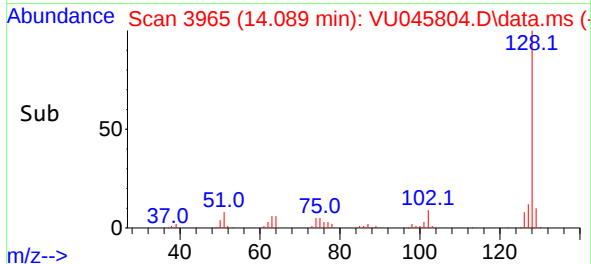
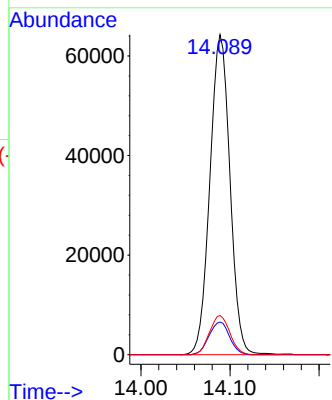


#71
Naphthalene
Concen: 5.540 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045804.D
Acq: 16 Nov 2021 13:46

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 100521
Ion Ratio Lower Upper
128 100
129 10.4 8.4 12.6
127 12.4 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.447 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU045804.D
Acq: 16 Nov 2021 13:46

Tgt Ion:180 Resp: 47866
Ion Ratio Lower Upper
180 100
182 93.6 76.2 114.4
145 34.6 28.4 42.6

