

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
 Data File : VU045286.D
 Acq On : 12 Oct 2021 12:33
 Operator : SY/MD
 Sample : M3263-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT4-2021-08

Manual Integrations
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Quant Time: Oct 13 02:51:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 13 02:48:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	255641	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	263862	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	128862	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	110019	39.313	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.620%
7) Chloroethane-d5	1.874	69	40884	18.436	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	36.880%#
11) 1,1-Dichloroethene-d2	2.552	63	150239	31.968	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.940%
21) 2-Butanone-d5	4.629	46	198141	89.558	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.560%
24) Chloroform-d	5.066	84	193933	43.877	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.760%
26) 1,2-Dichloroethane-d4	5.703	65	138451	46.244	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.480%
32) Benzene-d6	5.729	84	409285	44.702	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.693	67	134042	44.899	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.800%
41) Toluene-d8	7.902	98	354778	44.901	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	8.182	79	63064	47.488	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.980%
47) 2-Hexanone-d5	8.639	63	154890	93.621	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.620%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	236842	50.946	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.900%
66) 1,2-Dichlorobenzene-d4	12.198	152	144434	51.503	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	5394	2.204	ug/L	100
3) Chloromethane	1.520	50	7513	2.462	ug/L	99
5) Vinyl chloride	1.604	62	7226	2.417	ug/L #	19
6) Bromomethane	1.825	94	2479	1.729	ug/L	89
8) Chloroethane	1.893	64	6389	3.406	ug/L	90
9) Trichlorofluoromethane	2.112	101	7735	2.261	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	6124	2.836	ug/L #	84
12) 1,1-Dichloroethene	2.565	96	5639	2.848	ug/L #	1
13) Acetone	2.639	43	9481	3.707	ug/L	99
14) Carbon disulfide	2.780	76	13781	2.173	ug/L	99
15) Methyl Acetate	2.957	43	8570	2.717	ug/L	98
16) Methylene chloride	3.044	84	6912	2.756	ug/L	95
17) trans-1,2-Dichloroethene	3.350	96	5084	2.438	ug/L	95
18) Methyl tert-butyl Ether	3.369	73	17366	2.525	ug/L	98
19) 1,1-Dichloroethane	3.867	63	10210	2.353	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	5665	2.465	ug/L	92
22) 2-Butanone	4.716	43	10814	3.778	ug/L	99
23) Bromochloromethane	4.983	128	2594m	2.227	ug/L	
25) Chloroform	5.089	83	14162	3.284	ug/L	98

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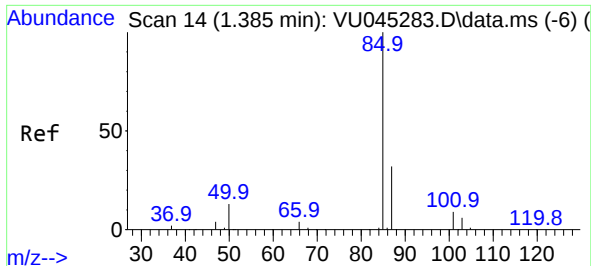
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	9179	2.545	ug/L	98
29) Cyclohexane	5.388	56	8691	2.191	ug/L	99
30) 1,1,1-Trichloroethane	5.317	97	8273	2.265	ug/L	97
31) Carbon tetrachloride	5.523	117	6006	2.082	ug/L	97
33) Benzene	5.774	78	22497	2.299	ug/L	100
34) Trichloroethene	6.546	95	5322	2.264	ug/L	91
35) Methylcyclohexane	6.764	83	8301	2.109	ug/L	98
37) 1,2-Dichloropropane	6.796	63	6343	2.380	ug/L	100
38) Bromodichloromethane	7.108	83	7318	2.241	ug/L	96
39) cis-1,3-Dichloropropene	7.610	75	8396	2.202	ug/L	94
40) 4-Methyl-2-pentanone	7.800	43	20715	4.654	ug/L	98
42) Toluene	7.973	91	28970	2.913	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	8860	2.444	ug/L	88
45) 1,1,2-Trichloroethane	8.407	97	6200	2.568	ug/L	97
46) Tetrachloroethene	8.558	164	3931	2.340	ug/L	95
48) 2-Hexanone	8.693	43	21927	5.555	ug/L	98
49) Dibromochloromethane	8.816	129	5643	2.363	ug/L	97
50) 1,2-Dibromoethane	8.928	107	6055	2.395	ug/L	94
51) Chlorobenzene	9.452	112	15695	2.557	ug/L	98
52) Ethylbenzene	9.574	91	24912	2.372	ug/L	99
53) m,p-Xylene	9.697	106	9621	2.418	ug/L	94
54) o-xylene	10.105	106	9078	2.322	ug/L	91
55) Styrene	10.118	104	15143	2.252	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	12545	2.713	ug/L #	92
59) Bromoform	10.298	173	4130	2.584	ug/L #	97
60) 1,2,3-Trichloropropane	10.828	75	10139	2.845	ug/L	99
61) Isopropylbenzene	10.487	105	23603	2.503	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	19343	2.456	ug/L	98
63) 1,2,4-Trimethylbenzene	11.471	105	19381	2.403	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	11539	2.648	ug/L	95
65) 1,4-Dichlorobenzene	11.841	146	11721	2.621	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	12310	2.751	ug/L	95
68) 1,2-Dibromo-3-chloropr...	13.002	75	2230	2.177	ug/L	95
69) 1,3,5-Trichlorobenzene	13.227	180	7429	2.456	ug/L	98
70) 1,2,4-trichlorobenzene	13.847	180	5740	2.284	ug/L	97
71) Naphthalene	14.092	128	20175	2.316	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	6121	2.380	ug/L	97

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



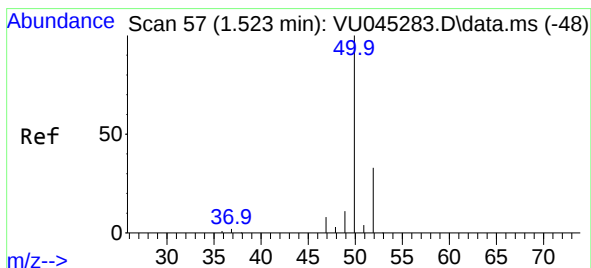
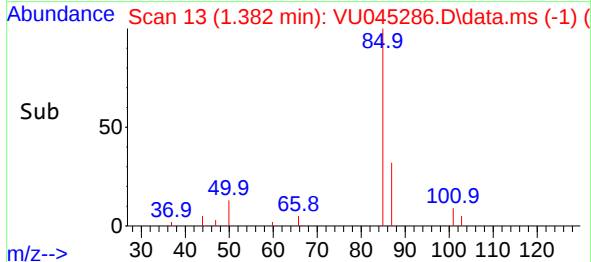
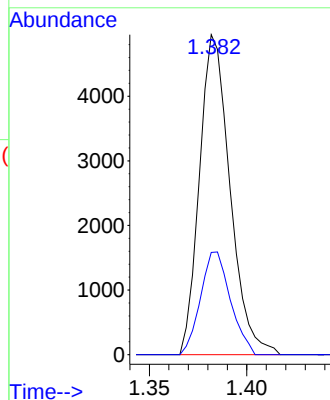
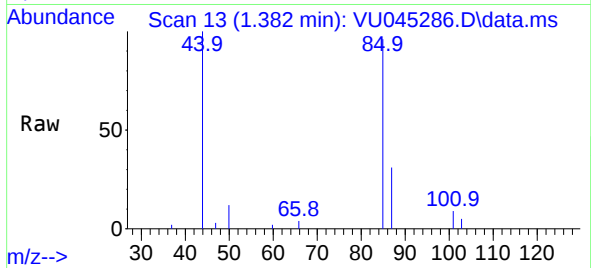
#2
Dichlorodifluoromethane
Concen: 2.204 ug/L
RT: 1.382 min Scan# 13
Delta R.T. -0.003 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

Tgt Ion: 85 Resp: 5394
Ion Ratio Lower Upper
85 100
87 31.4 25.2 37.8

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-08

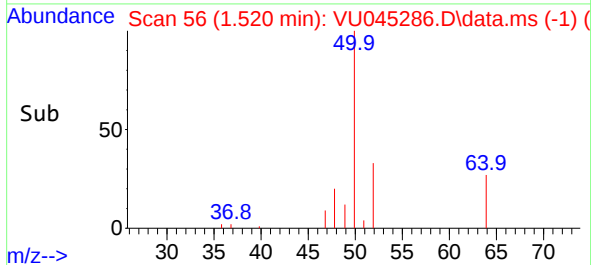
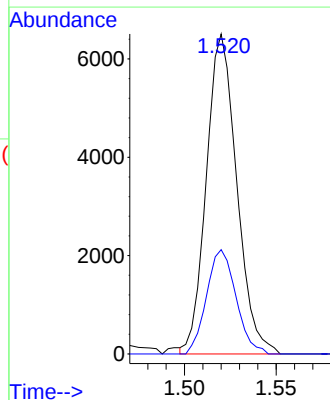
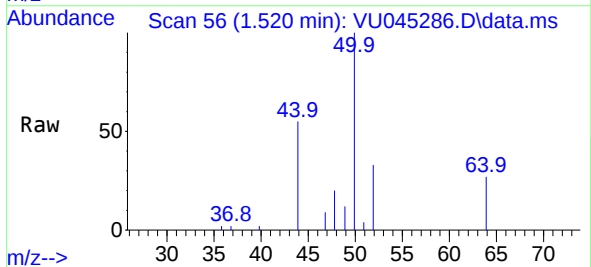
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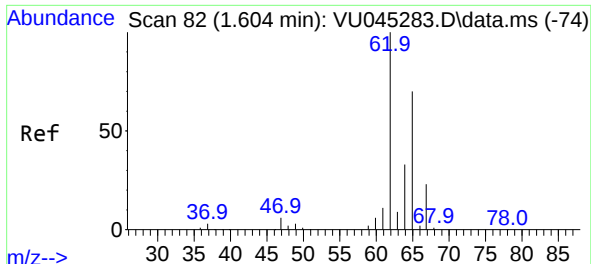
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#3
Chloromethane
Concen: 2.462 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

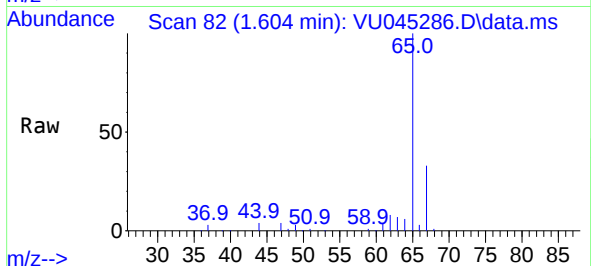
Tgt Ion: 50 Resp: 7513
Ion Ratio Lower Upper
50 100
52 32.6 23.0 42.8





#5
 Vinyl chloride
 Concen: 2.417 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: VU045286.D
 Acq: 12 Oct 2021 12:33

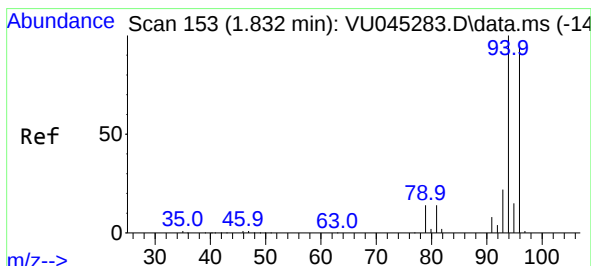
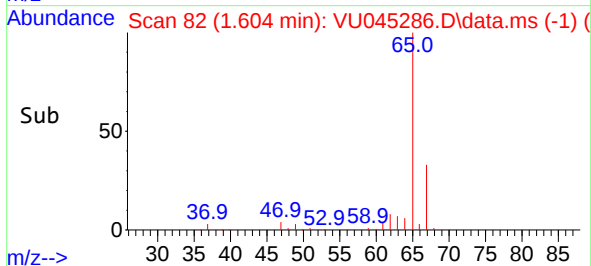
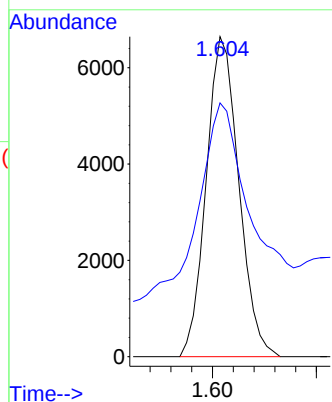
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT4-2021-08



Tgt Ion: 62 Resp: 7226
 Ion Ratio Lower Upper
 62 100
 64 79.3 23.4 43.6#

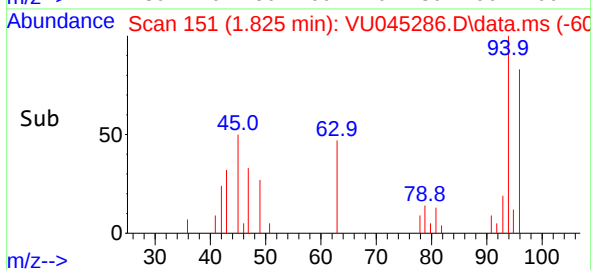
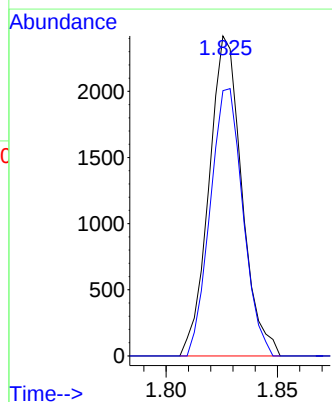
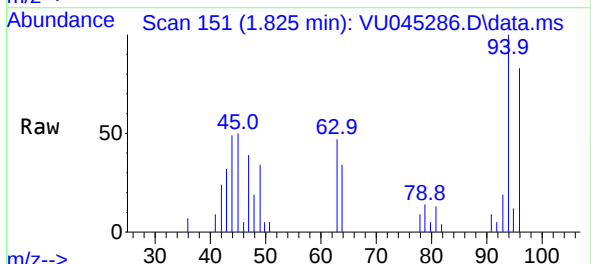
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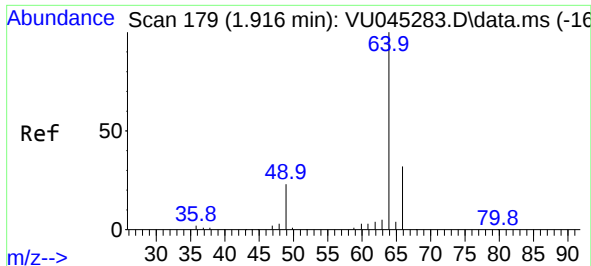
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#6
 Bromomethane
 Concen: 1.729 ug/L
 RT: 1.825 min Scan# 151
 Delta R.T. -0.007 min
 Lab File: VU045286.D
 Acq: 12 Oct 2021 12:33

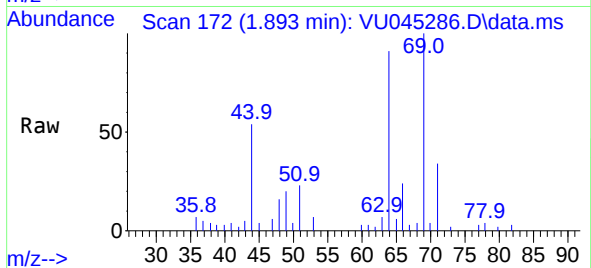
Tgt Ion: 94 Resp: 2479
 Ion Ratio Lower Upper
 94 100
 96 82.9 65.7 121.9





#8
Chloroethane
Concen: 3.406 ug/L
RT: 1.893 min Scan# 172
Delta R.T. -0.023 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

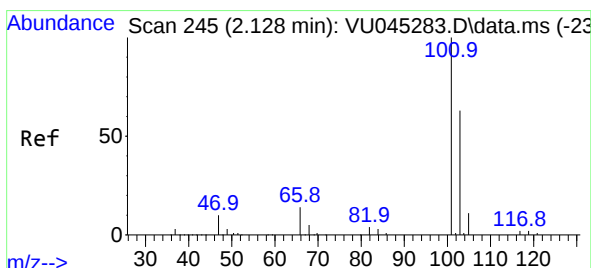
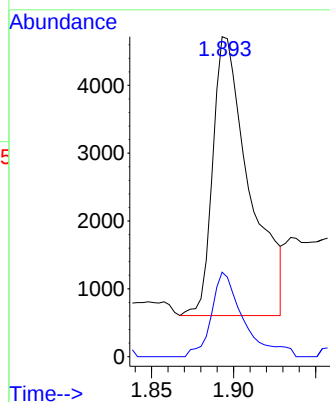
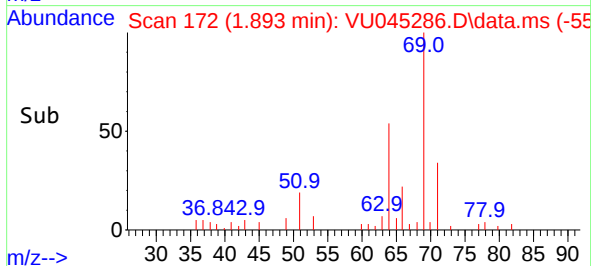
Instrument :
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ClientSampleId :
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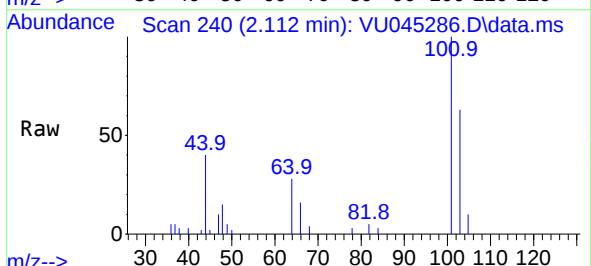
Tgt Ion: 64 Resp: 6389
Ion Ratio Lower Upper
64 100
66 26.4 22.3 41.3

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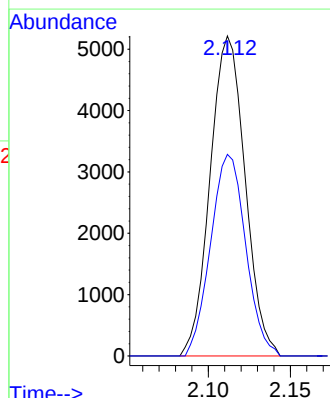
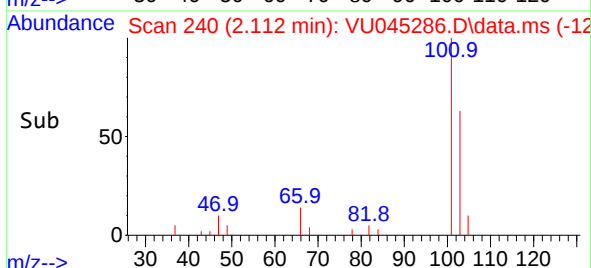
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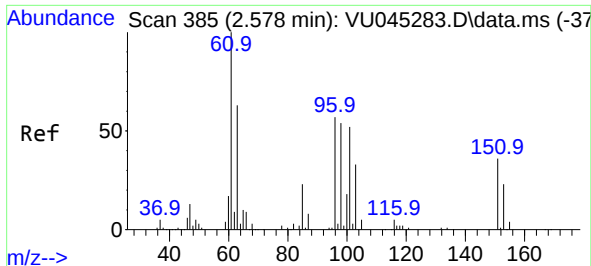


#9
Trichlorofluoromethane
Concen: 2.261 ug/L
RT: 2.112 min Scan# 240
Delta R.T. -0.016 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33



Tgt Ion: 101 Resp: 7735
Ion Ratio Lower Upper
101 100
103 63.1 50.9 76.3





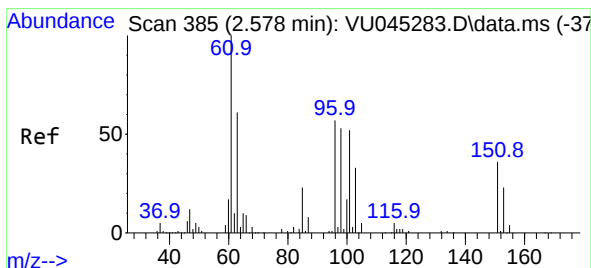
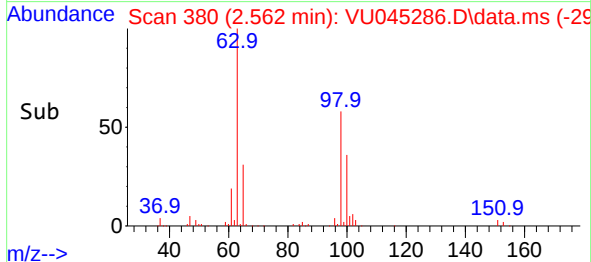
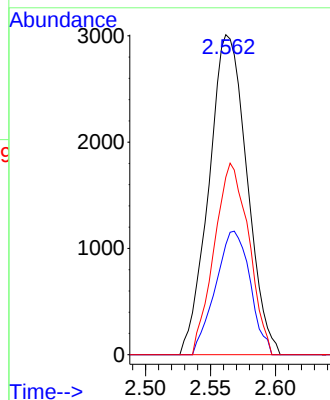
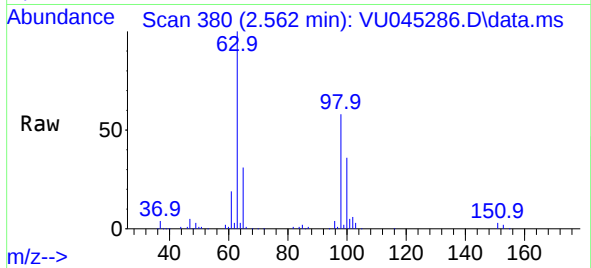
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.836 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

Tgt Ion: 101 Resp: 6124
Ion Ratio Lower Upper
101 100
85 35.2 36.4 54.6#
151 54.4 54.4 81.6

Instrument :
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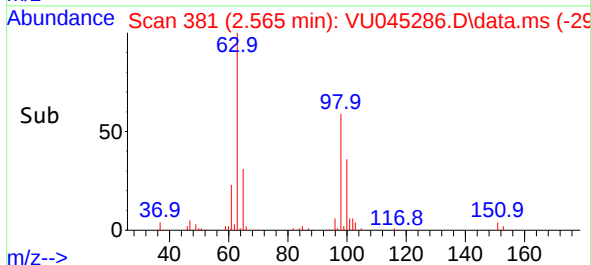
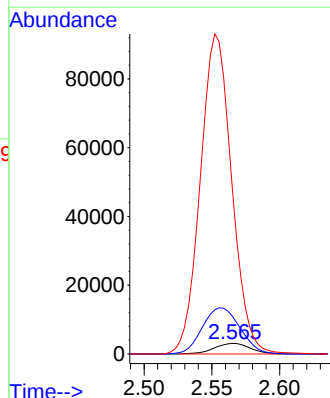
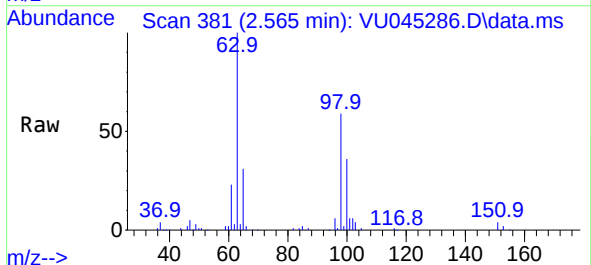
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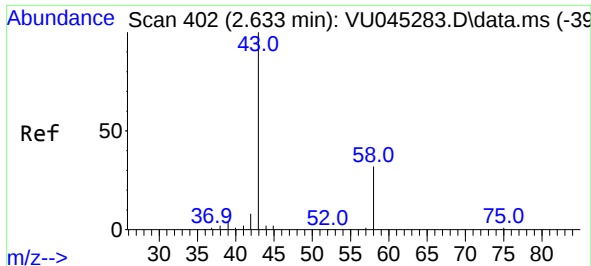
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#12
1,1-Dichloroethene
Concen: 2.848 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

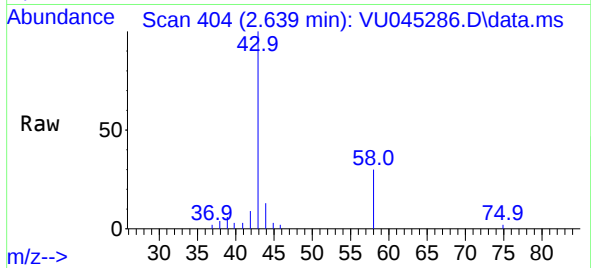
Tgt Ion: 96 Resp: 5639
Ion Ratio Lower Upper
96 100
61 359.6 131.3 243.9#
63 1586.4 102.5 190.3#





#13
Acetone
Concen: 3.707 ug/L
RT: 2.639 min Scan# 404
Delta R.T. 0.006 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

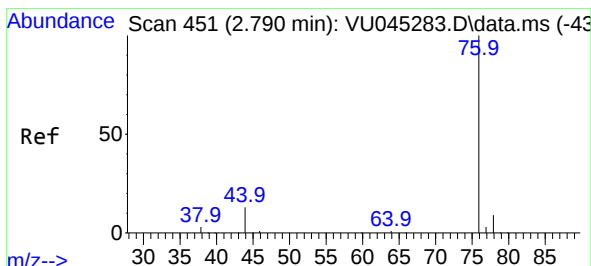
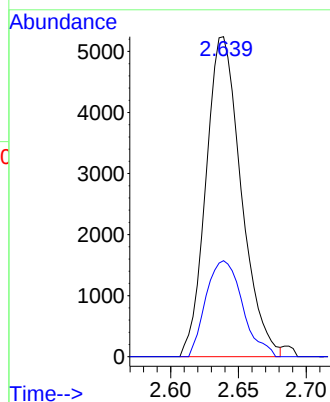
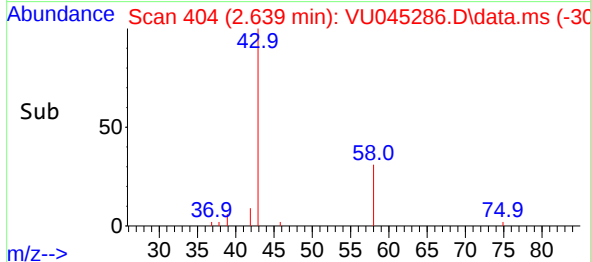
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-08



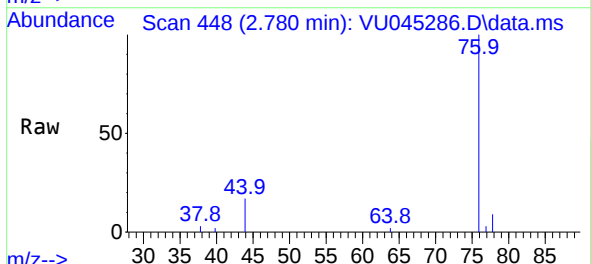
Tgt Ion: 43 Resp: 9481
Ion Ratio Lower Upper
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58 31.1 0.0 62.8

Manual Integrations
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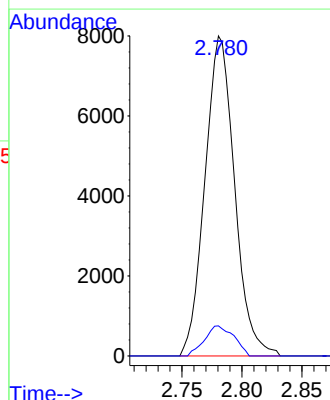
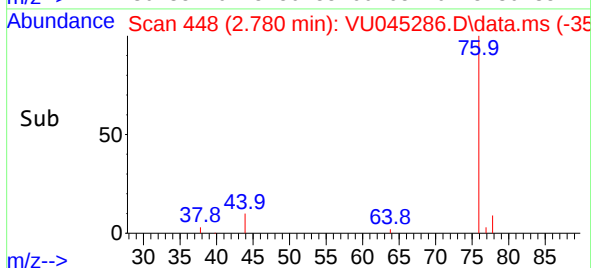
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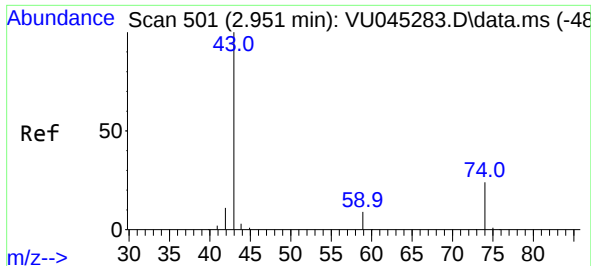


#14
Carbon disulfide
Concen: 2.173 ug/L
RT: 2.780 min Scan# 448
Delta R.T. -0.010 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33



Tgt Ion: 76 Resp: 13781
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9





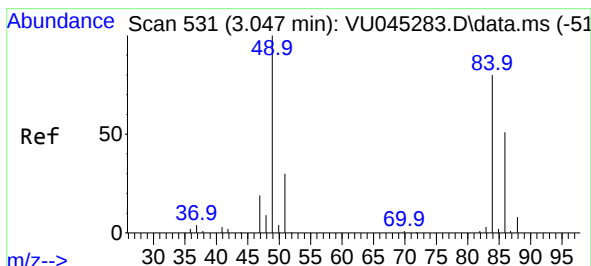
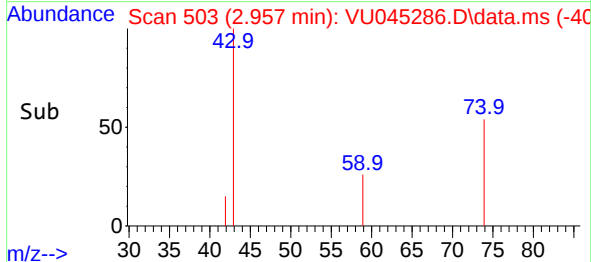
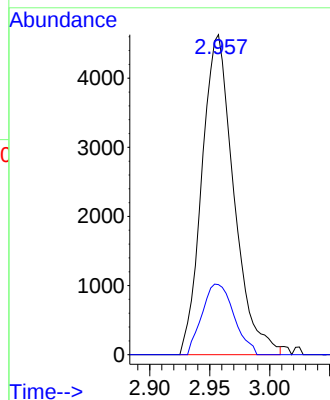
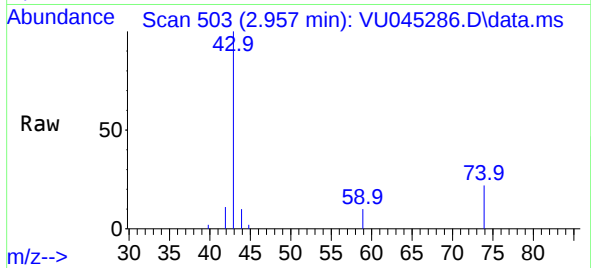
#15
Methyl Acetate
Concen: 2.717 ug/L
RT: 2.957 min Scan# 503
Delta R.T. 0.006 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

Tgt Ion: 43 Resp: 8570
Ion Ratio Lower Upper
43 100
74 22.0 18.4 27.6

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-08

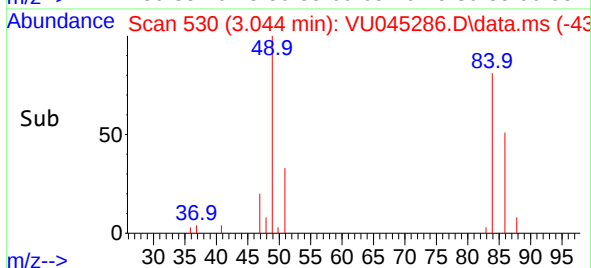
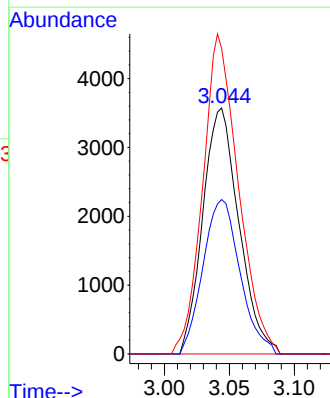
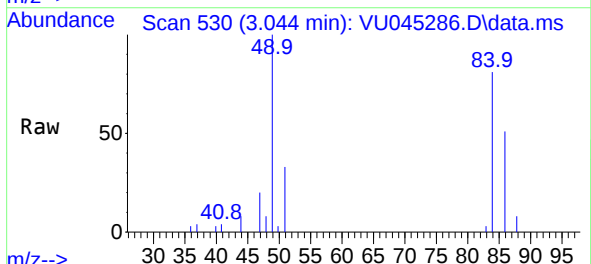
Manual Integrations
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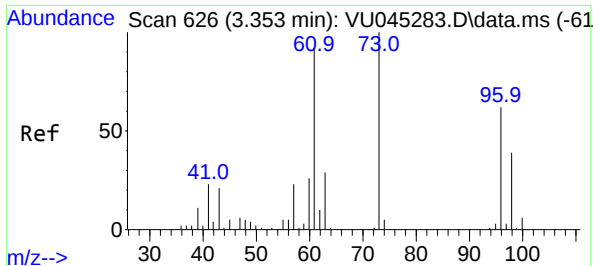
apatel
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#16
Methylene chloride
Concen: 2.756 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

Tgt Ion: 84 Resp: 6912
Ion Ratio Lower Upper
84 100
86 62.8 44.7 83.1
49 124.2 92.9 172.5





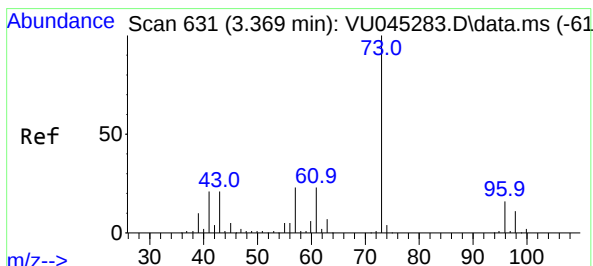
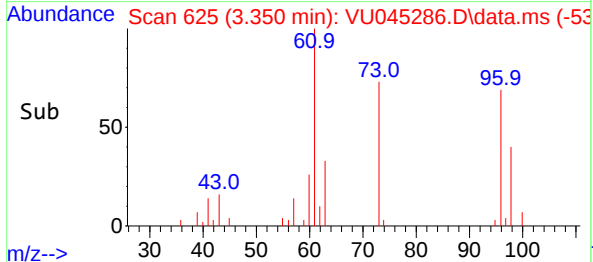
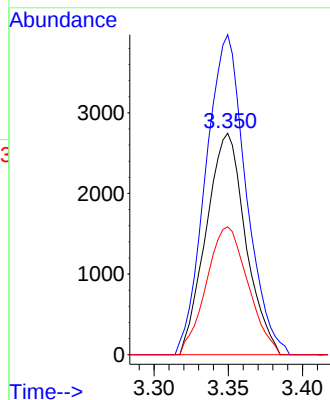
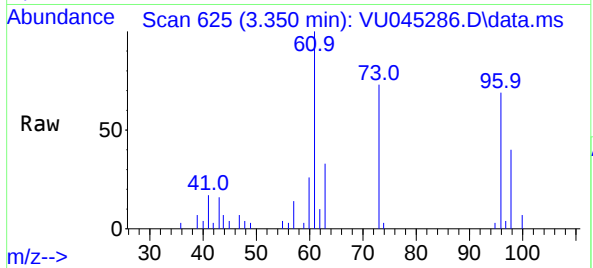
#17
trans-1,2-Dichloroethene
Concen: 2.438 ug/L
RT: 3.350 min Scan# 625
Delta R.T. -0.003 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

Tgt Ion: 96 Resp: 5084
Ion Ratio Lower Upper
96 100
61 144.5 105.1 195.3
98 57.8 43.0 79.8

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-08

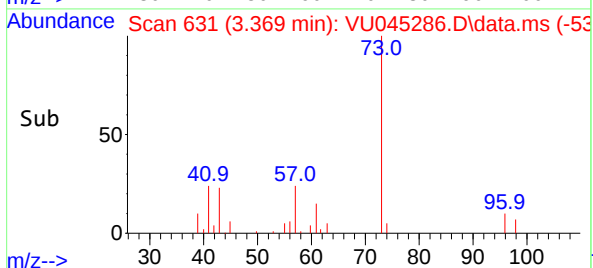
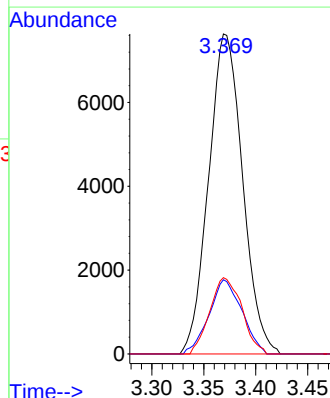
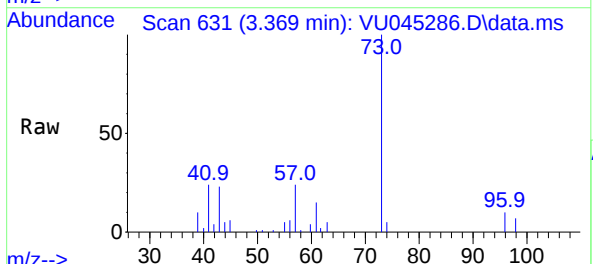
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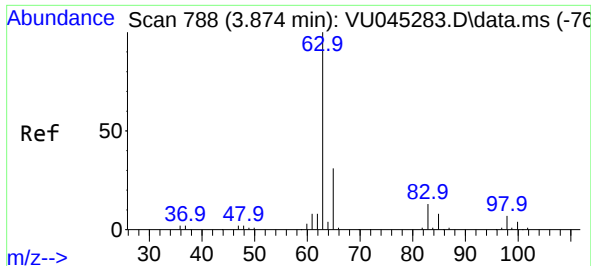
apatel
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#18
Methyl tert-butyl Ether
Concen: 2.525 ug/L
RT: 3.369 min Scan# 631
Delta R.T. -0.000 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

Tgt Ion: 73 Resp: 17366
Ion Ratio Lower Upper
73 100
43 22.4 17.3 25.9
57 22.5 18.7 28.1





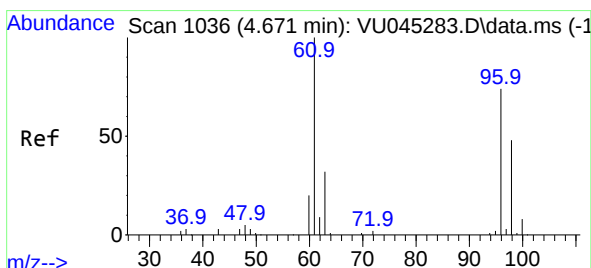
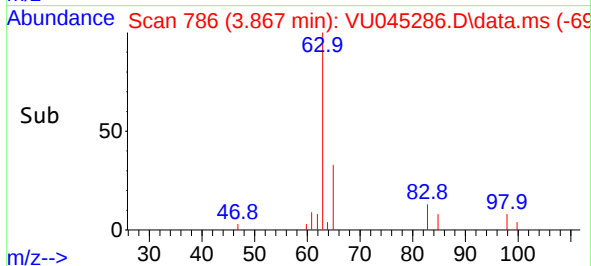
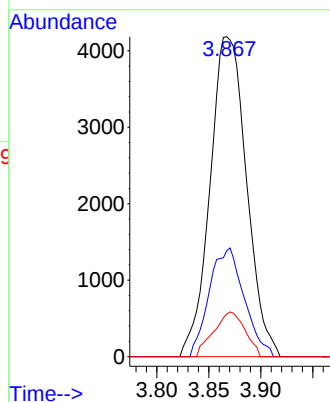
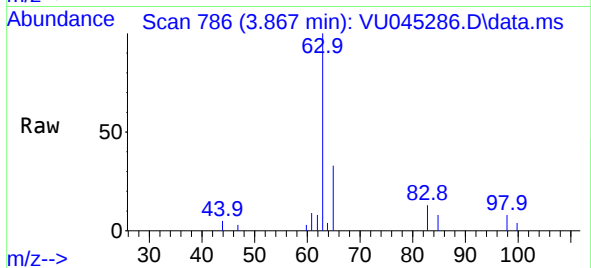
#19
1,1-Dichloroethane
Concen: 2.353 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.006 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

Tgt Ion:	63	Resp:	10210
Ion Ratio	Lower	Upper	
63	100		
65	32.0	22.0	40.8
83	12.9	9.0	16.6

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-08

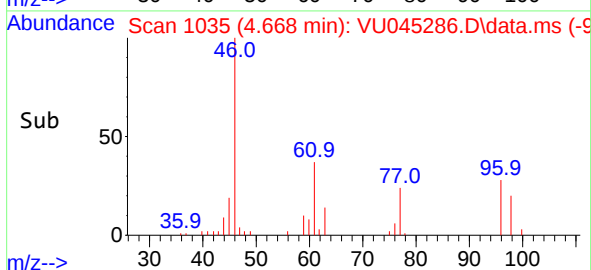
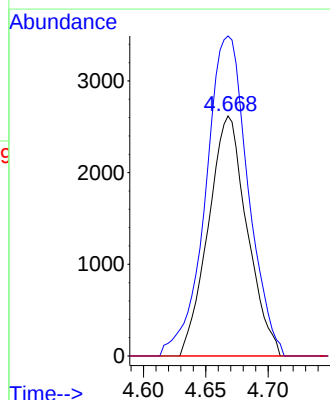
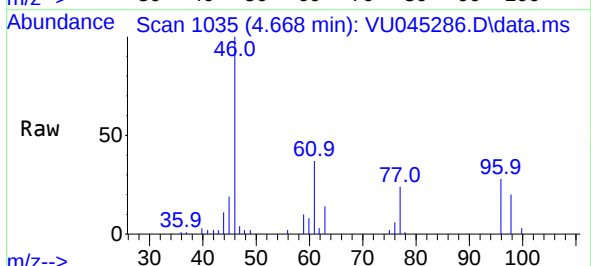
Manual Integrations
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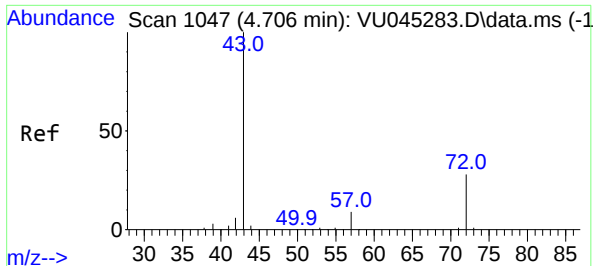
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#20
cis-1,2-Dichloroethene
Concen: 2.465 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

Tgt Ion:	96	Resp:	5665
Ion Ratio	Lower	Upper	
96	100		
61	133.3	100.2	186.0
68	0.0	0.0	0.0





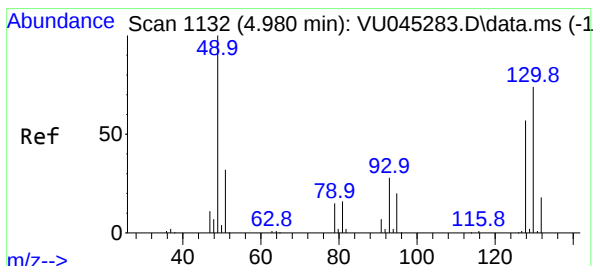
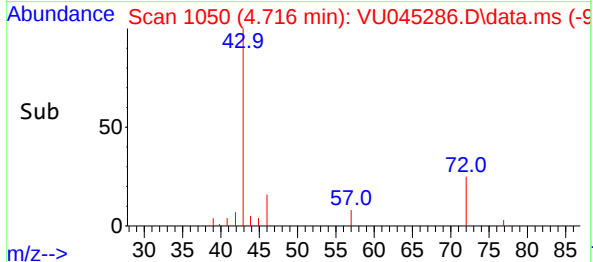
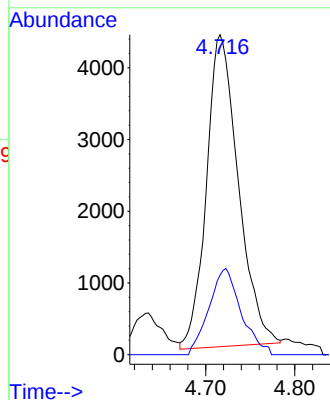
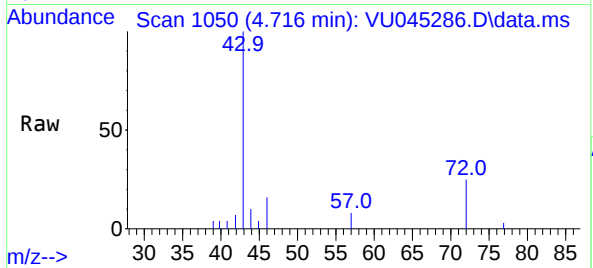
#22
2-Butanone
Concen: 3.778 ug/L
RT: 4.716 min Scan# 1050
Delta R.T. 0.010 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

Tgt Ion: 43 Resp: 10814
Ion Ratio Lower Upper
43 100
72 27.3 13.3 39.9

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-08

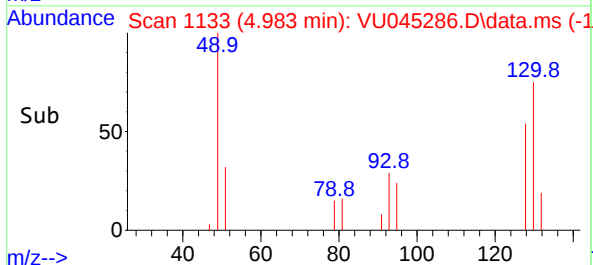
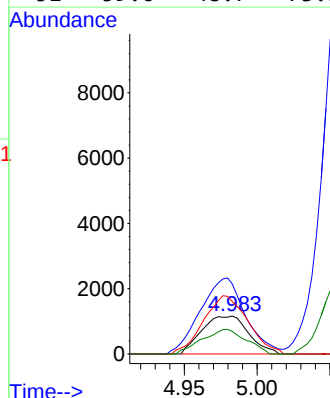
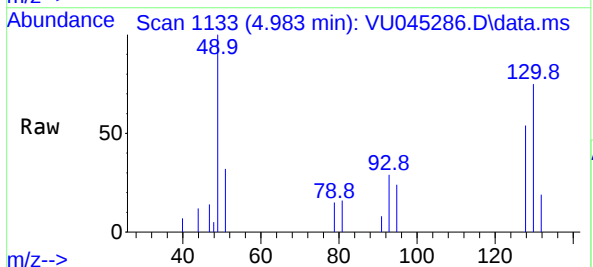
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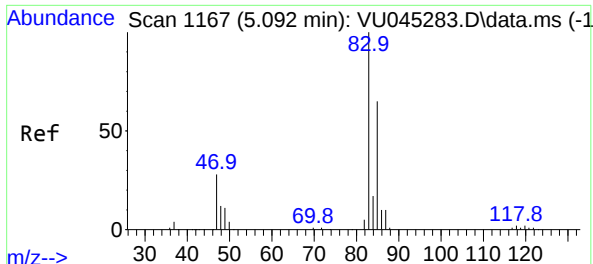
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#23
Bromochloromethane
Concen: 2.227 ug/L m
RT: 4.983 min Scan# 1133
Delta R.T. 0.003 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

Tgt Ion: 128 Resp: 2594
Ion Ratio Lower Upper
128 100
49 184.9 132.9 246.7
130 138.6 88.2 163.8
51 59.6 48.7 73.1





#25

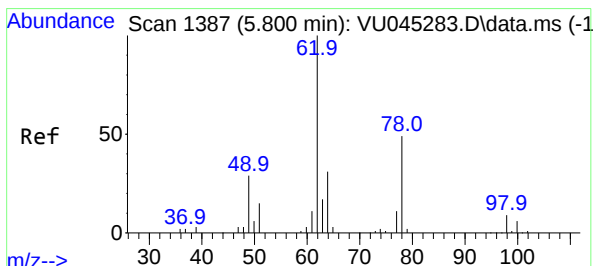
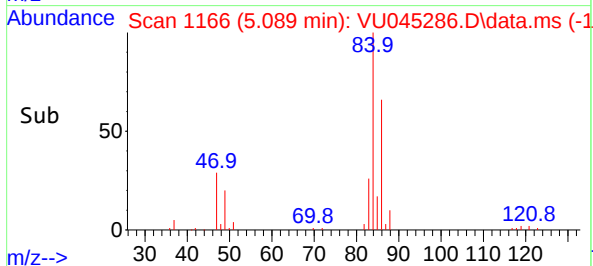
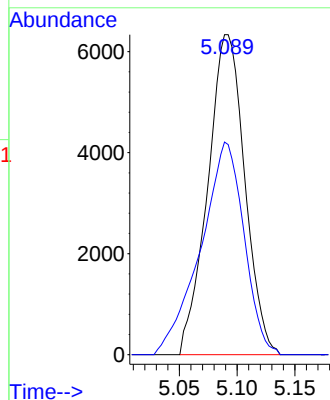
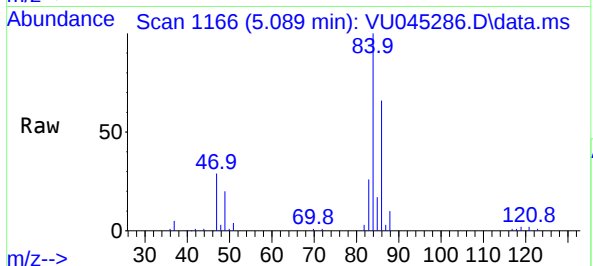
Chloroform
Concen: 3.284 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.003 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

Tgt Ion: 83 Resp: 14162
Ion Ratio Lower Upper
83 100
85 66.5 45.6 84.6

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-08

Manual Integrations
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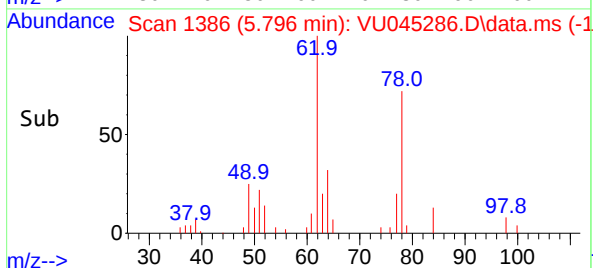
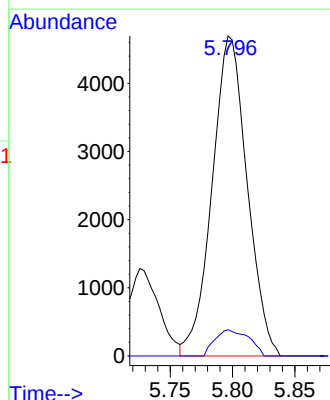
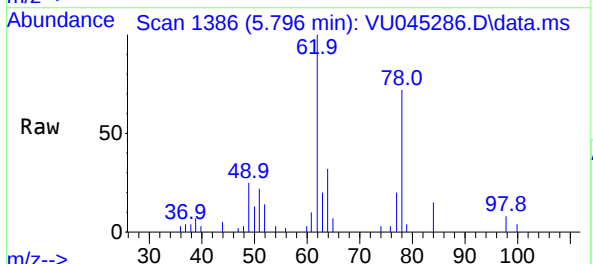
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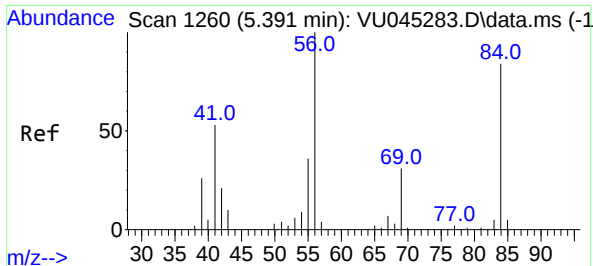


#27

1,2-Dichloroethane
Concen: 2.545 ug/L
RT: 5.796 min Scan# 1386
Delta R.T. -0.003 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

Tgt Ion: 62 Resp: 9179
Ion Ratio Lower Upper
62 100
98 8.2 7.1 10.7





#29

Cyclohexane

Concen: 2.191 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU045286.D

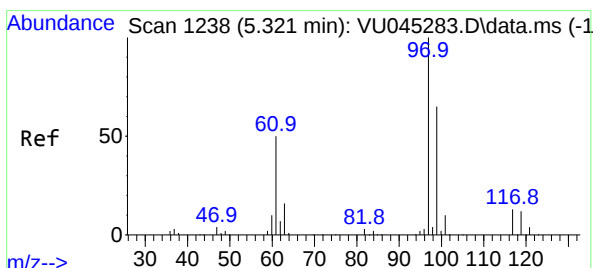
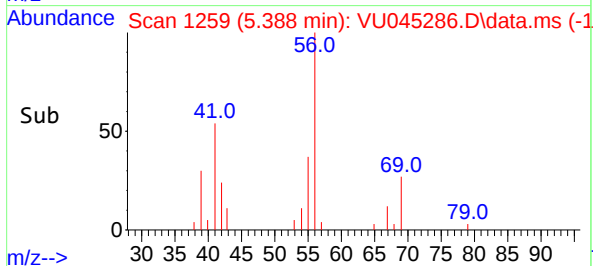
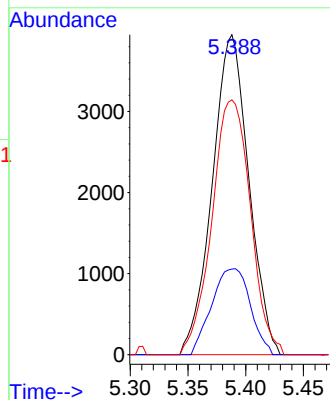
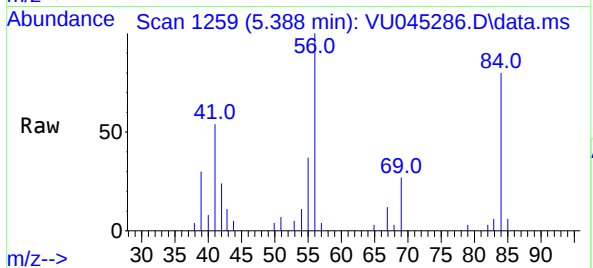
Acq: 12 Oct 2021 12:33

Tgt Ion:	56	Resp:	8691
Ion	Ratio	Lower	Upper
56	100		
69	28.4	23.8	35.8
84	84.1	66.8	100.2

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-08

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#30

1,1,1-Trichloroethane

Concen: 2.265 ug/L

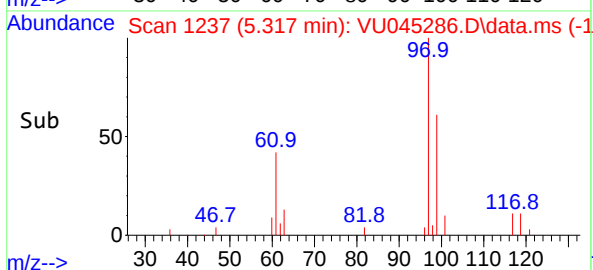
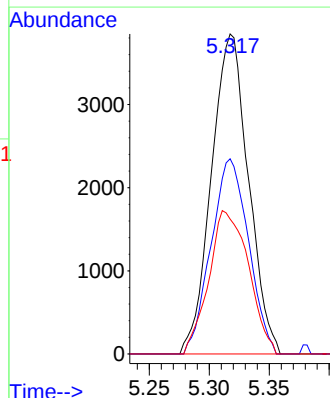
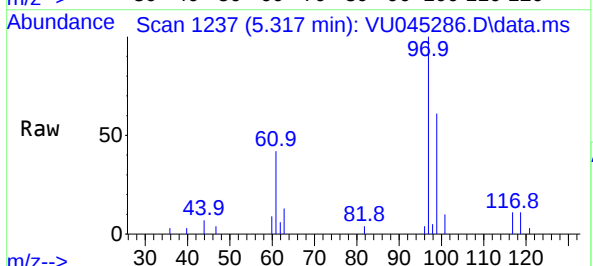
RT: 5.317 min Scan# 1237

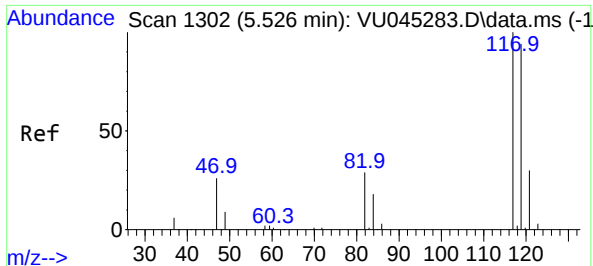
Delta R.T. -0.003 min

Lab File: VU045286.D

Acq: 12 Oct 2021 12:33

Tgt Ion:	97	Resp:	8273
Ion	Ratio	Lower	Upper
97	100		
99	61.7	50.6	75.8
61	48.0	41.3	61.9





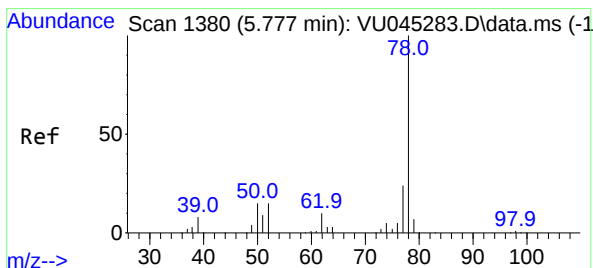
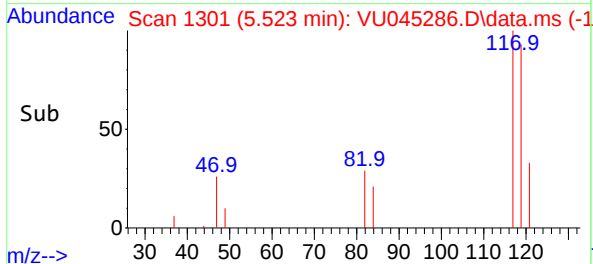
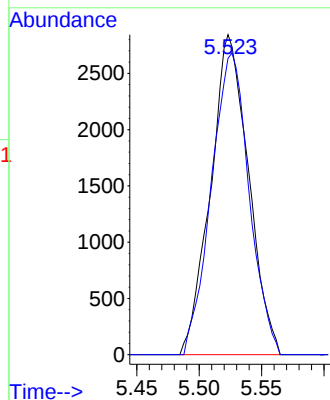
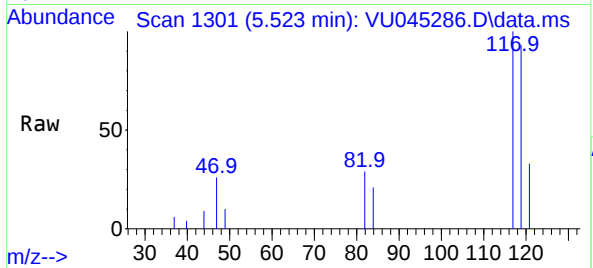
#31
Carbon tetrachloride
Concen: 2.082 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. -0.003 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

Tgt Ion:117 Resp: 6006
Ion Ratio Lower Upper
117 100
119 94.2 77.7 116.5

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-08

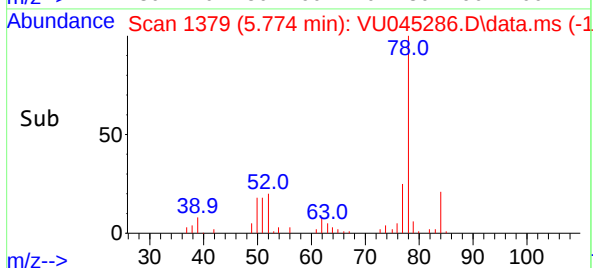
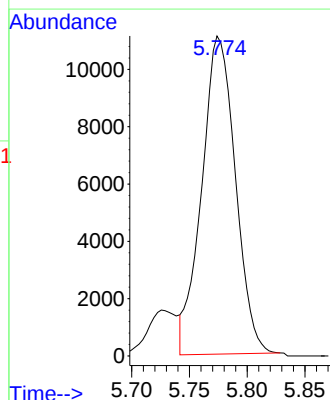
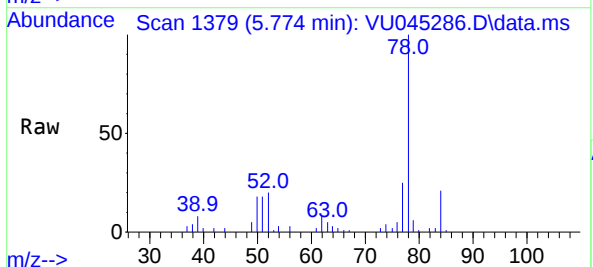
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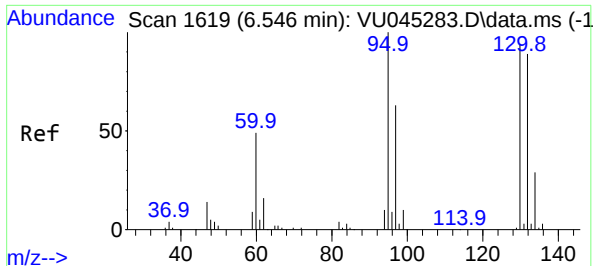
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#33
Benzene
Concen: 2.299 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

Tgt Ion: 78 Resp: 22497





#34
Trichloroethene
Concen: 2.264 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

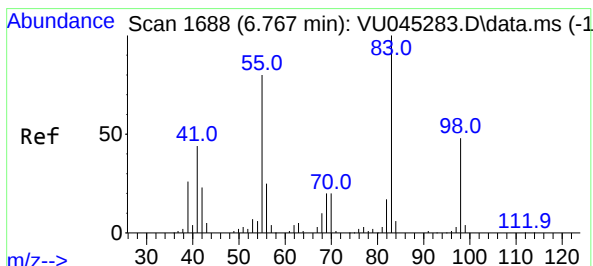
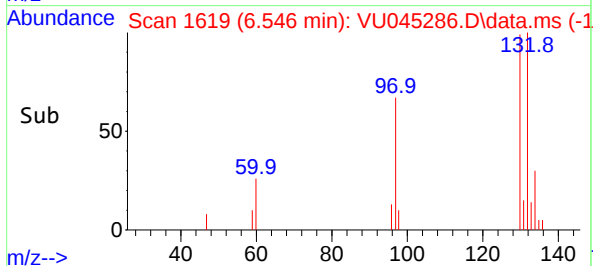
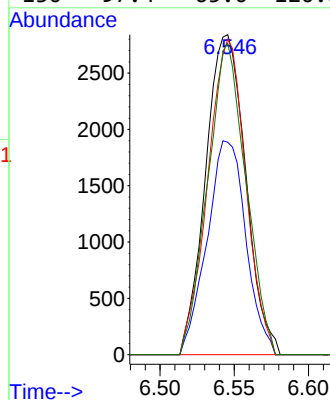
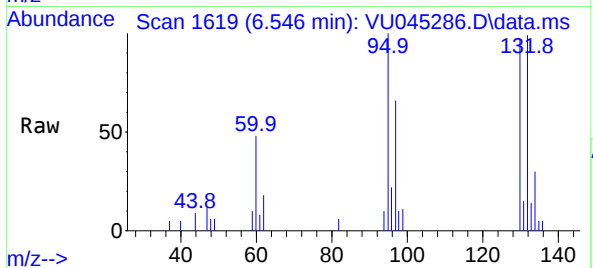
Tgt Ion: 95 Resp: 5322

Ion	Ratio	Lower	Upper
95	100		
97	76.5	44.4	82.4
132	98.6	62.9	116.9
130	97.4	65.0	120.8

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-08

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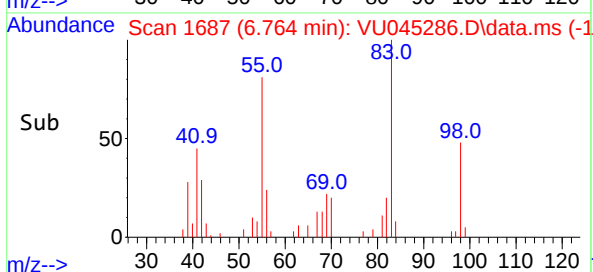
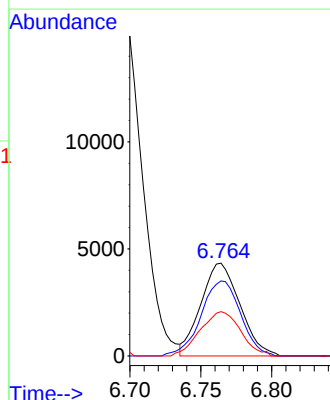
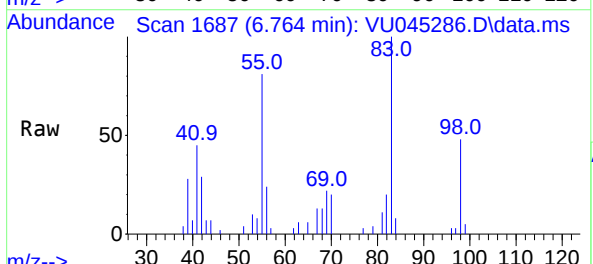
apatel
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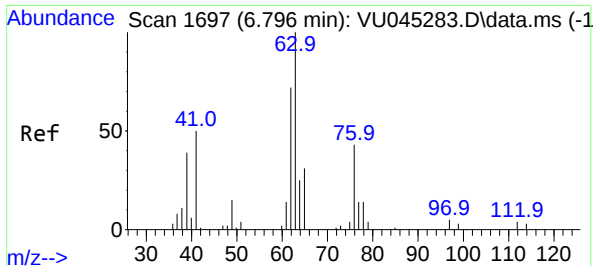


#35
Methylcyclohexane
Concen: 2.109 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

Tgt Ion: 83 Resp: 8301

Ion	Ratio	Lower	Upper
83	100		
55	81.8	65.8	98.6
98	49.4	37.1	55.7





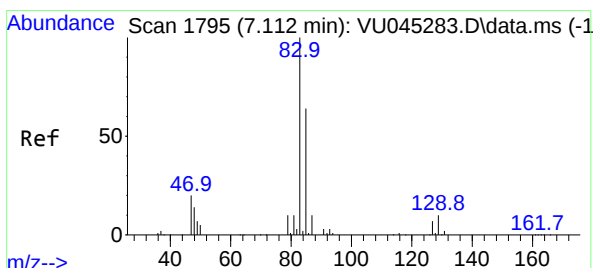
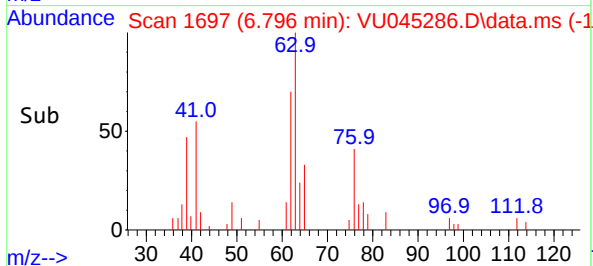
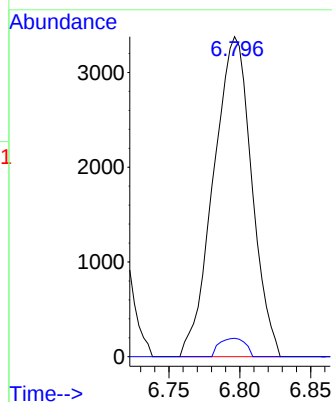
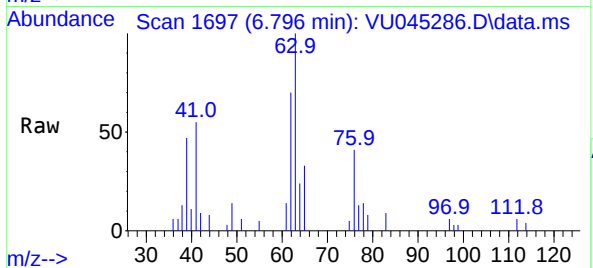
#37
1,2-Dichloropropane
Concen: 2.380 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

Tgt Ion: 63 Resp: 6343
Ion Ratio Lower Upper
63 100
112 3.9 3.2 4.8

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-08

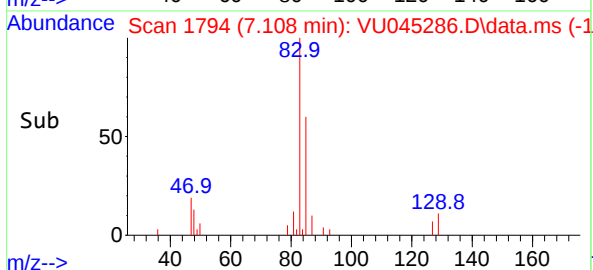
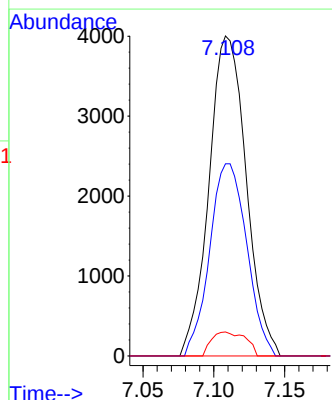
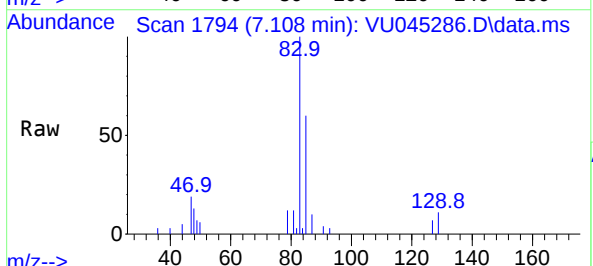
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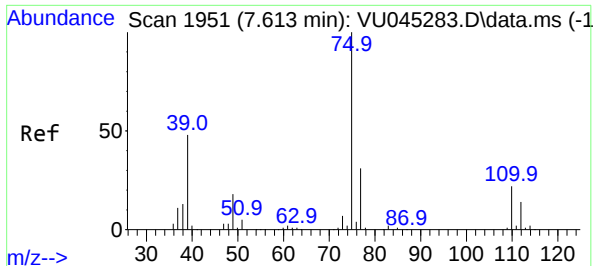
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#38
Bromodichloromethane
Concen: 2.241 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.003 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

Tgt Ion: 83 Resp: 7318
Ion Ratio Lower Upper
83 100
85 60.0 44.6 82.8
127 7.5 6.2 9.2





#39

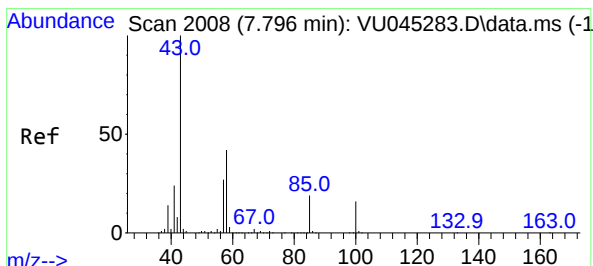
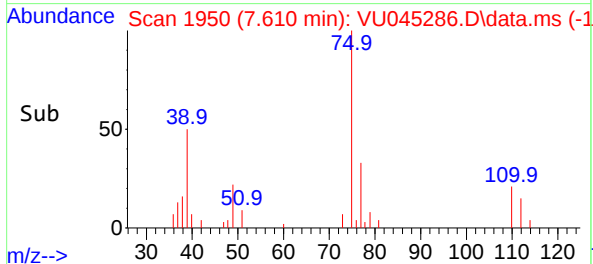
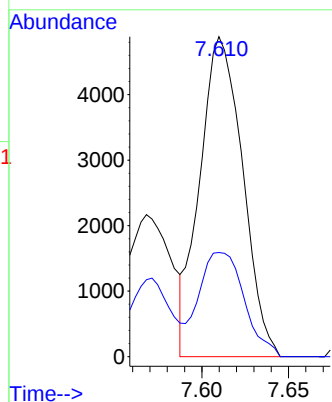
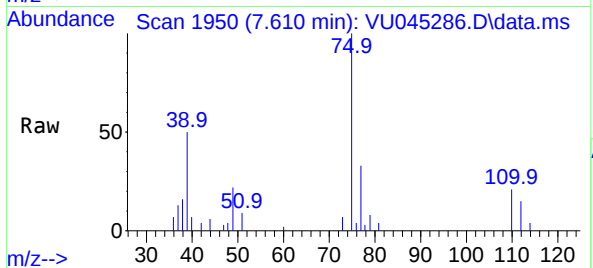
cis-1,3-Dichloropropene
Concen: 2.202 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. -0.003 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

Tgt Ion: 75 Resp: 8396
Ion Ratio Lower Upper
75 100
77 35.3 22.4 41.6

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-08

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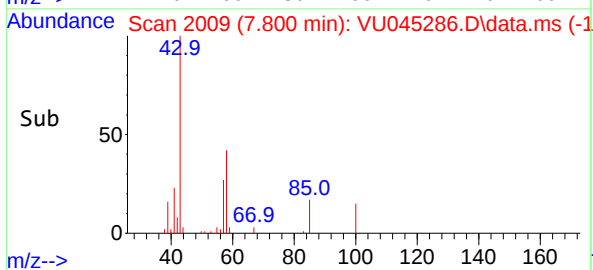
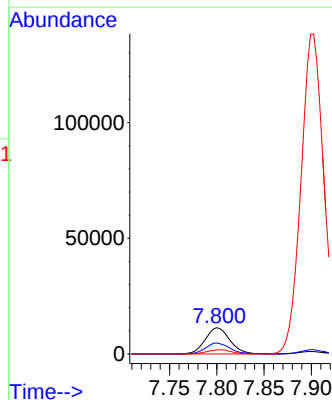
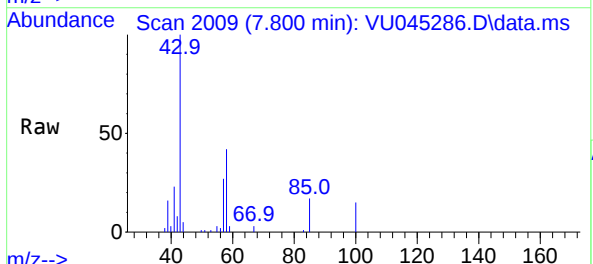
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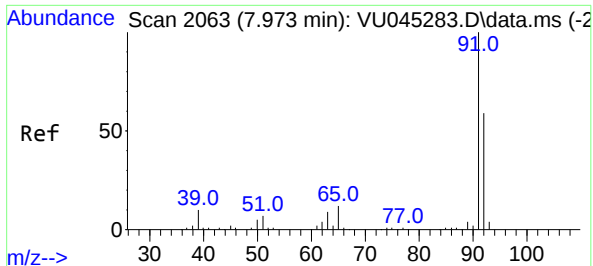


#40

4-Methyl-2-pentanone
Concen: 4.654 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. 0.003 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

Tgt Ion: 43 Resp: 20715
Ion Ratio Lower Upper
43 100
58 40.8 31.8 47.8
100 15.3 11.8 17.6





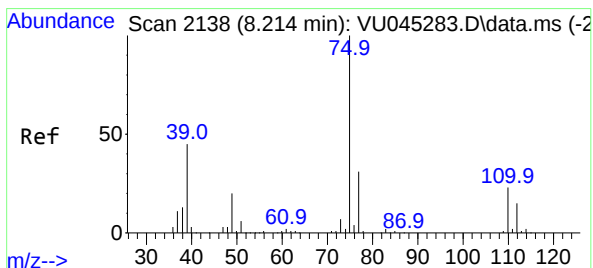
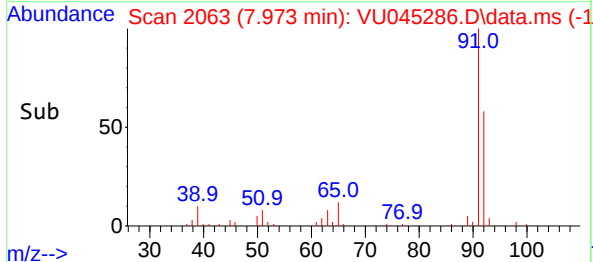
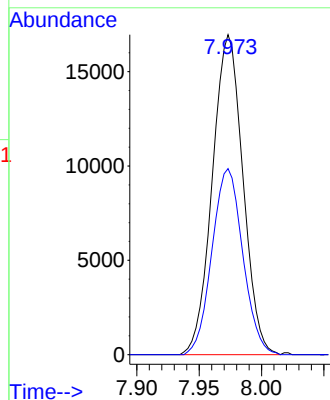
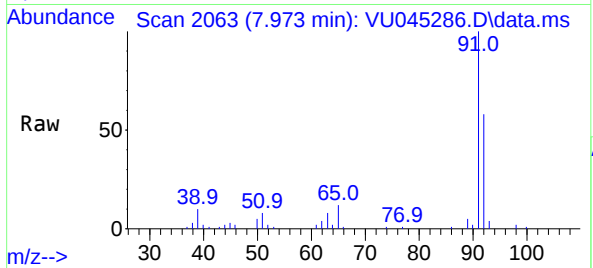
#42
Toluene
Concen: 2.913 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

Tgt Ion: 91 Resp: 28970
Ion Ratio Lower Upper
91 100
92 58.1 40.5 75.1

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-08

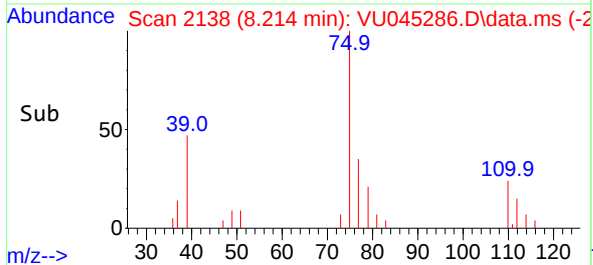
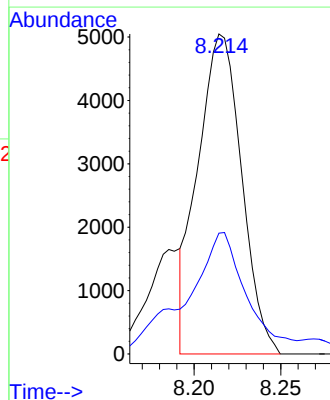
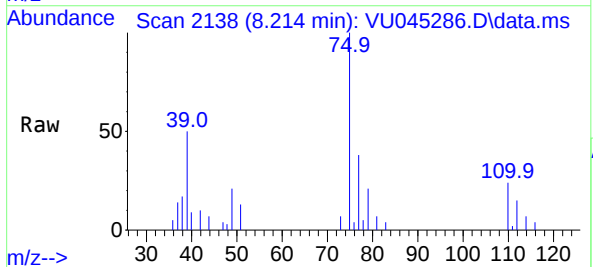
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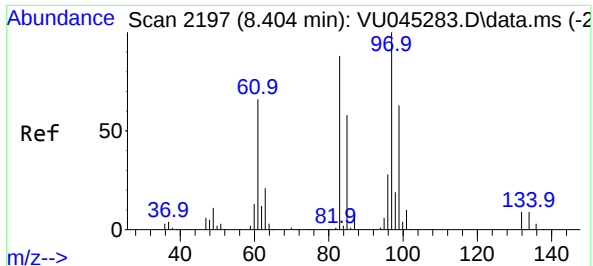
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#44
trans-1,3-Dichloropropene
Concen: 2.444 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

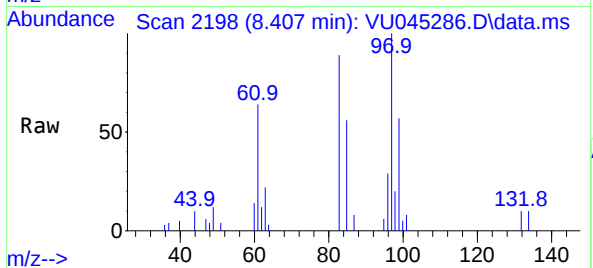
Tgt Ion: 75 Resp: 8860
Ion Ratio Lower Upper
75 100
77 37.8 21.7 40.3





#45
1,1,2-Trichloroethane
Concen: 2.568 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.003 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-08

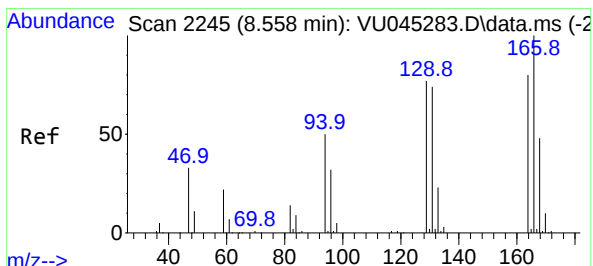
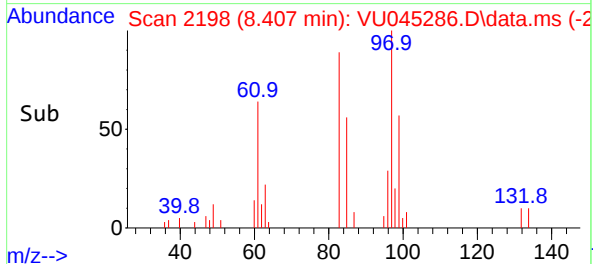
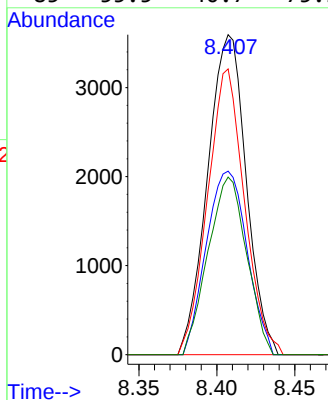


Tgt Ion: 97 Resp: 6200

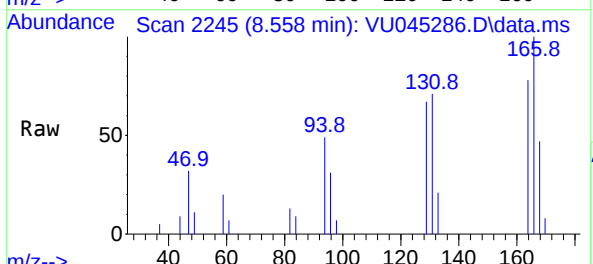
Ion	Ratio	Lower	Upper
97	100		
99	57.3	43.7	81.1
83	89.3	61.9	115.1
85	55.5	40.7	75.5

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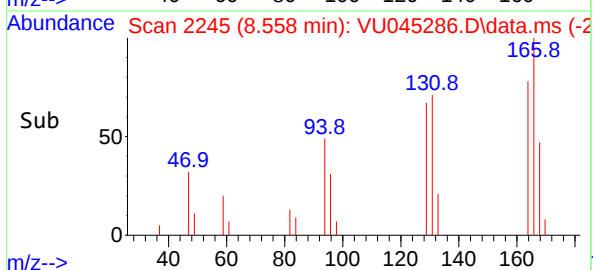
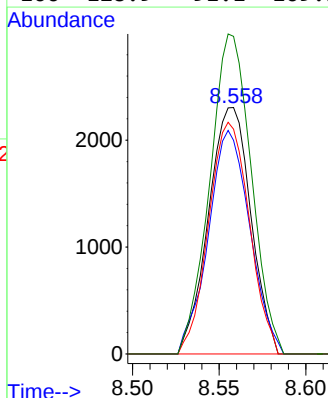


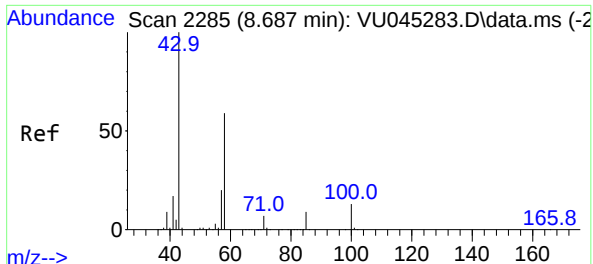
#46
Tetrachloroethene
Concen: 2.340 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33



Tgt Ion: 164 Resp: 3931

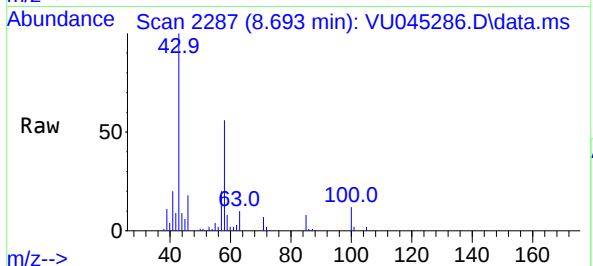
Ion	Ratio	Lower	Upper
164	100		
129	86.7	69.8	129.6
131	91.3	66.4	123.2
166	128.9	91.1	169.3





#48
2-Hexanone
Concen: 5.555 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. 0.006 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

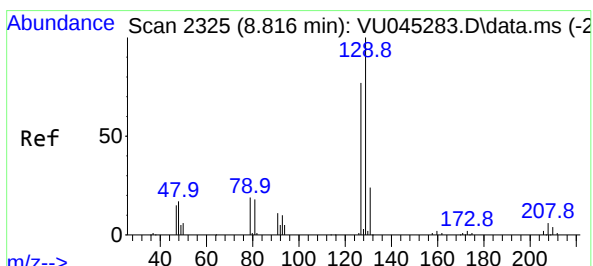
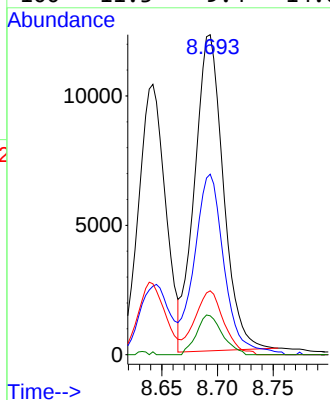
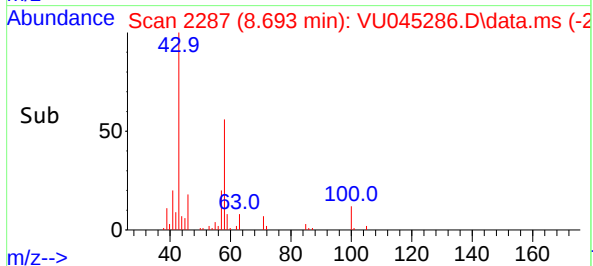
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-08



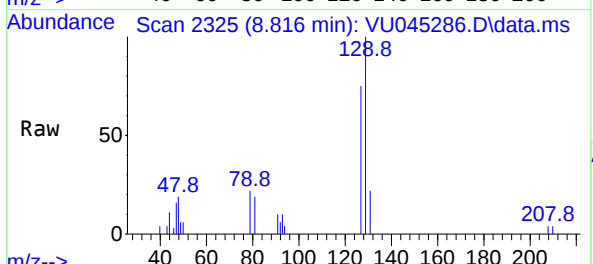
Tgt Ion: 43 Resp: 21927
Ion Ratio Lower Upper
43 100
58 57.4 44.9 67.3
57 20.2 15.5 23.3
100 11.3 9.4 14.0

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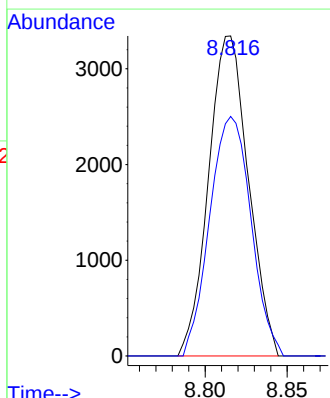
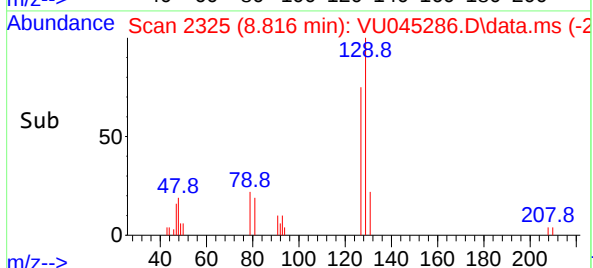
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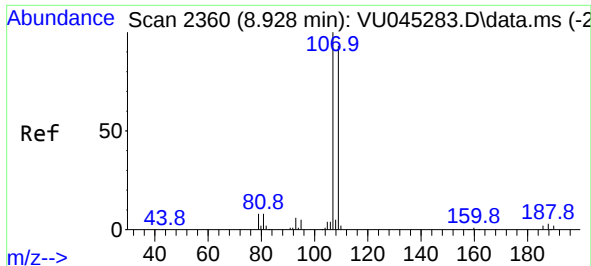


#49
Dibromochloromethane
Concen: 2.363 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33



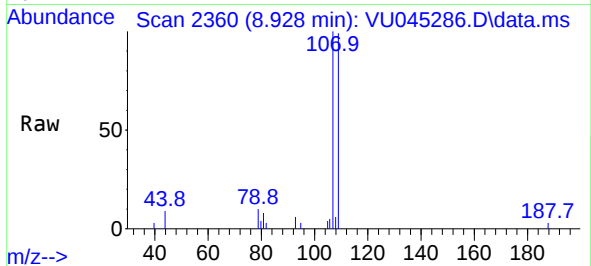
Tgt Ion: 129 Resp: 5643
Ion Ratio Lower Upper
129 100
127 74.9 54.3 100.8





#50
1,2-Dibromoethane
Concen: 2.395 ug/L
RT: 8.928 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

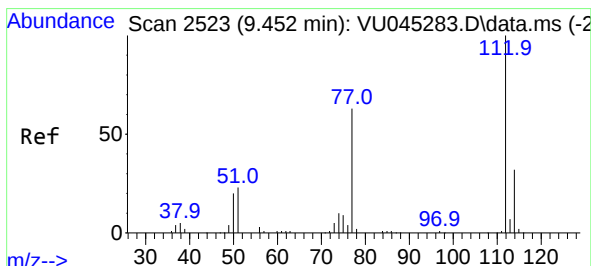
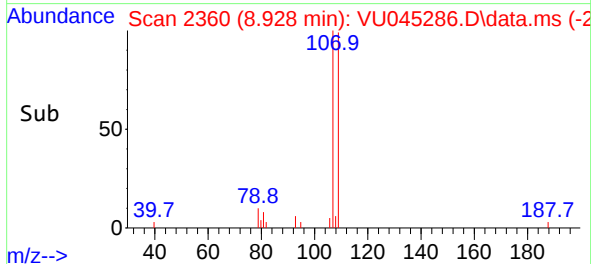
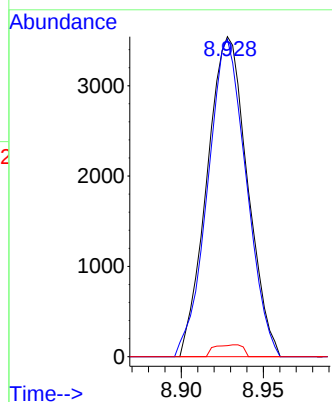
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-08



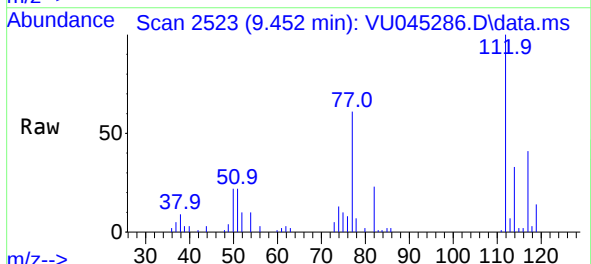
Tgt Ion:107 Resp: 6055
Ion Ratio Lower Upper
107 100
109 99.2 65.5 121.6
188 3.5 2.6 3.8

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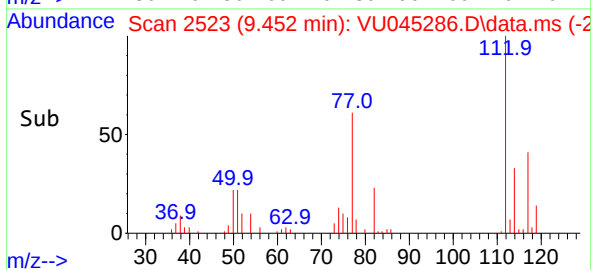
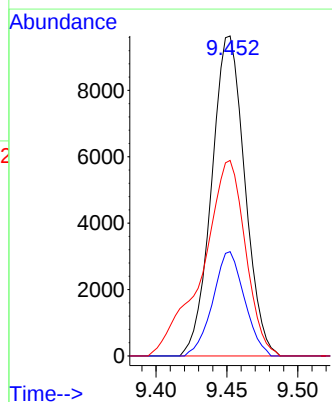
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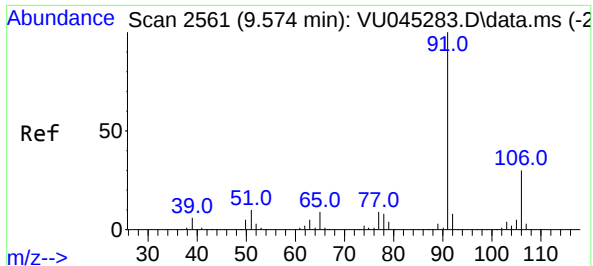


#51
Chlorobenzene
Concen: 2.557 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.000 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33



Tgt Ion:112 Resp: 15695
Ion Ratio Lower Upper
112 100
114 32.6 22.5 41.9
77 61.1 50.6 75.8





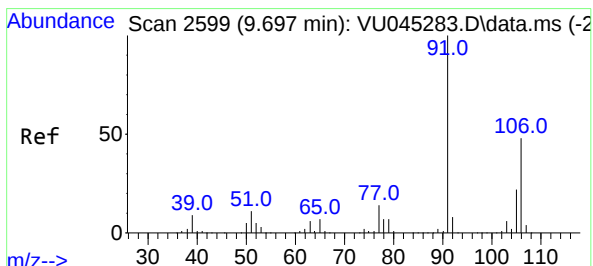
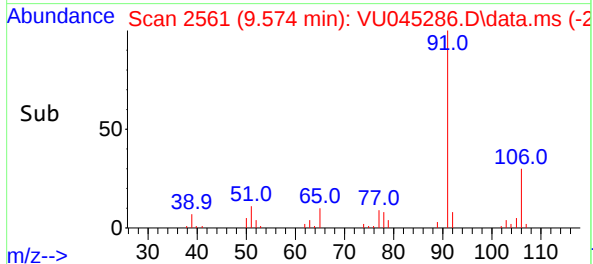
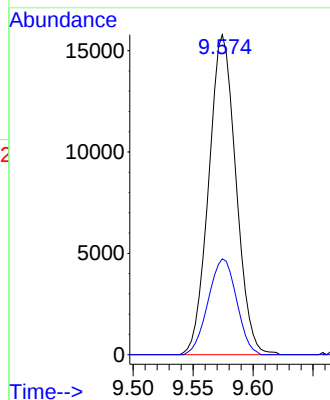
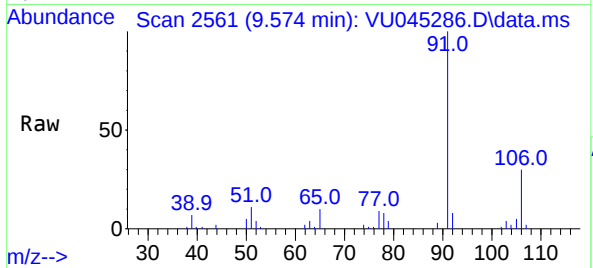
#52
Ethylbenzene
Concen: 2.372 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-08

Tgt Ion: 91 Resp: 24912
Ion Ratio Lower Upper
91 100
106 30.0 21.2 39.4

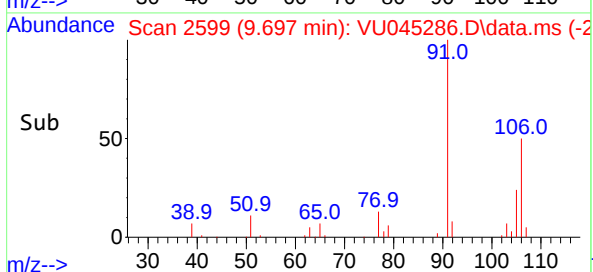
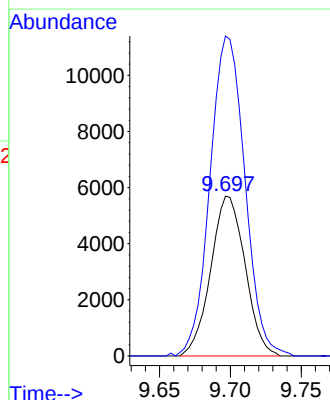
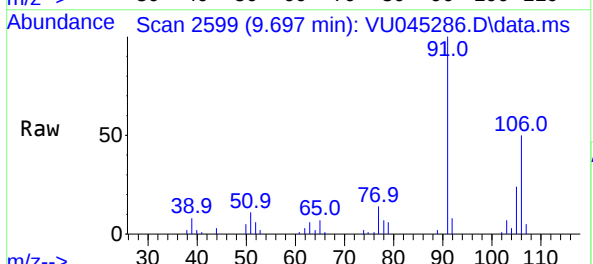
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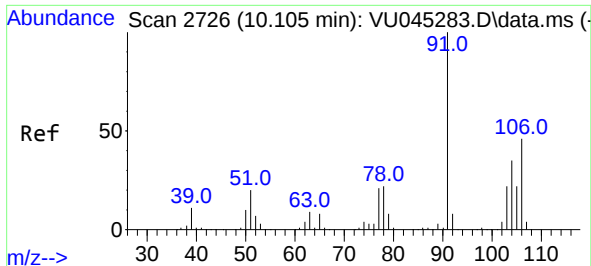
apatel
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#53
m,p-Xylene
Concen: 2.418 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

Tgt Ion: 106 Resp: 9621
Ion Ratio Lower Upper
106 100
91 200.2 146.7 272.4





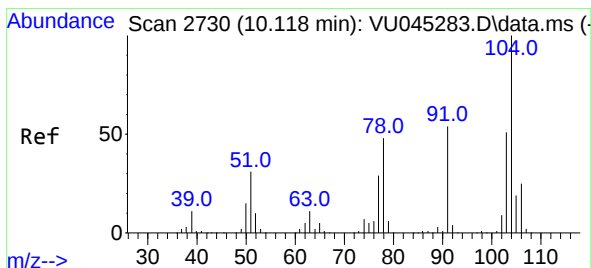
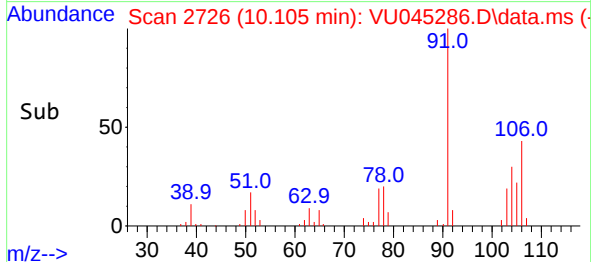
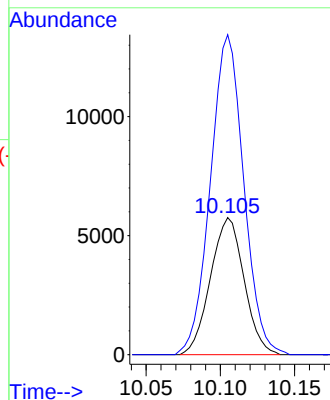
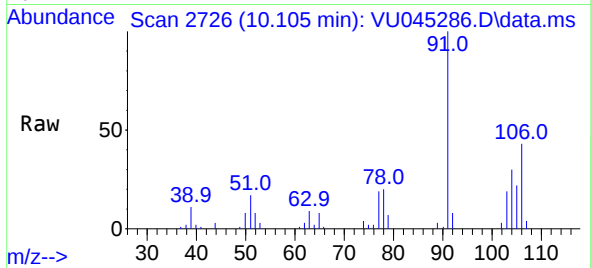
#54
o-xylene
Concen: 2.322 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

Tgt Ion:106 Resp: 9078
Ion Ratio Lower Upper
106 100
91 233.3 152.9 283.9

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-08

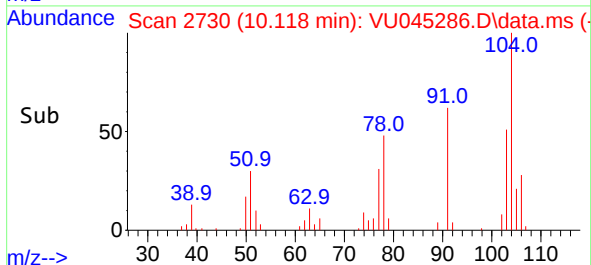
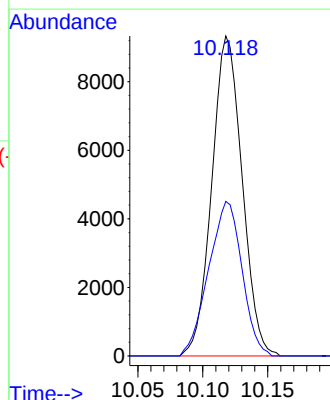
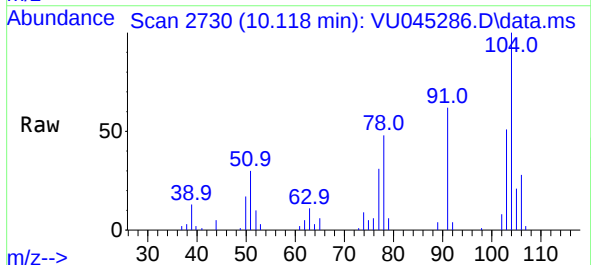
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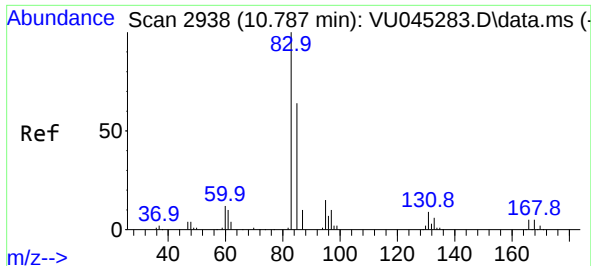
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#55
Styrene
Concen: 2.252 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

Tgt Ion:104 Resp: 15143
Ion Ratio Lower Upper
104 100
78 48.3 33.3 61.9





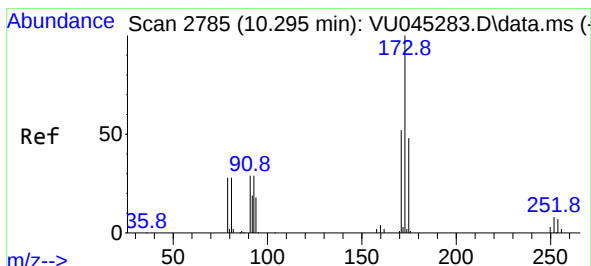
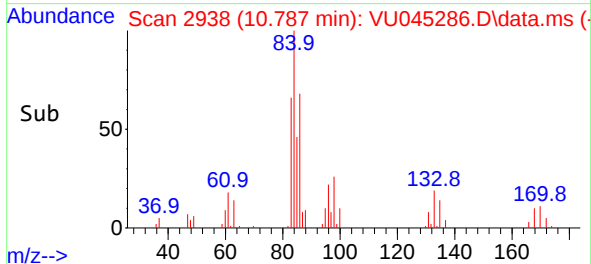
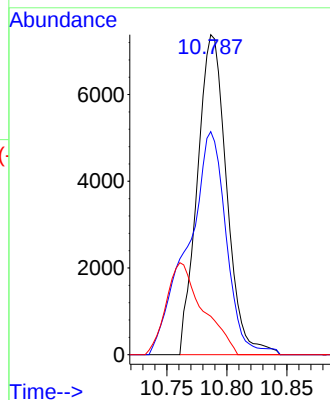
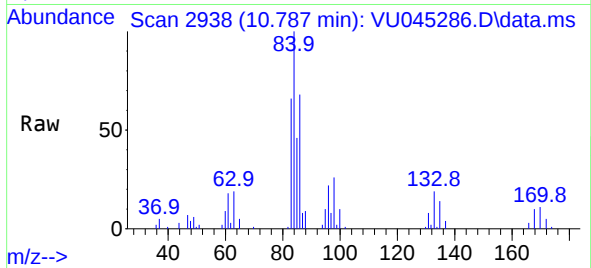
#57
1,1,2,2-Tetrachloroethane
Concen: 2.713 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

Tgt Ion:	83	Resp:	12545
Ion	Ratio	Lower	Upper
83	100		
85	69.7	45.1	83.7
131	15.3	6.9	10.3#

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-08

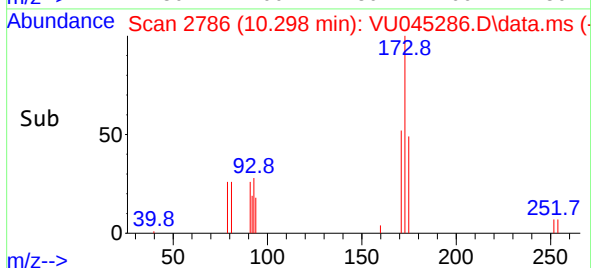
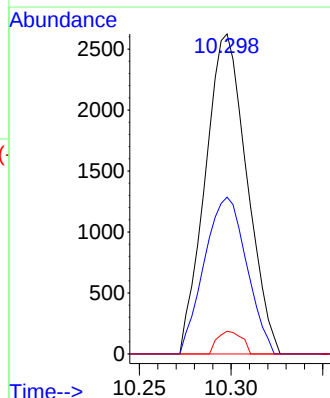
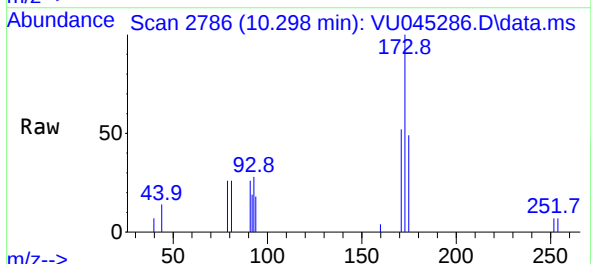
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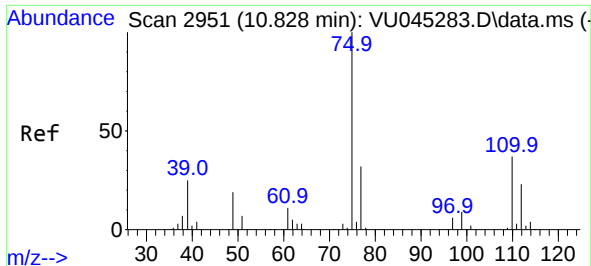
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#59
Bromoform
Concen: 2.584 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.003 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

Tgt Ion:	173	Resp:	4130
Ion	Ratio	Lower	Upper
173	100		
175	49.9	38.4	57.6
254	4.2	5.3	7.9#





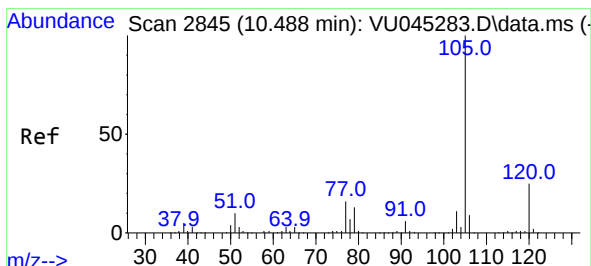
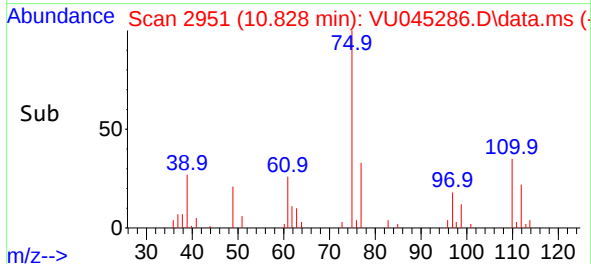
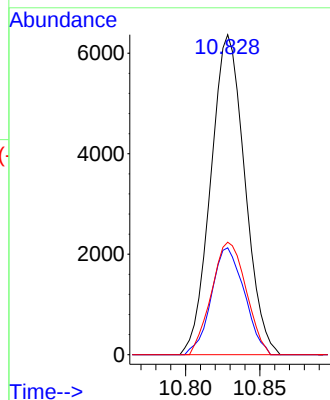
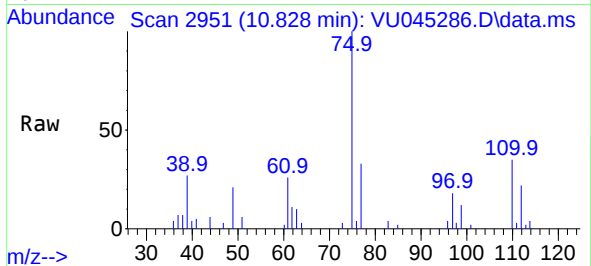
#60
1,2,3-Trichloropropane
Concen: 2.845 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

Tgt Ion:	75	Resp:	10139
Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.5	38.3
110	35.6	29.0	43.4

Instrument :
MSVOA_U
ClientSampleId :
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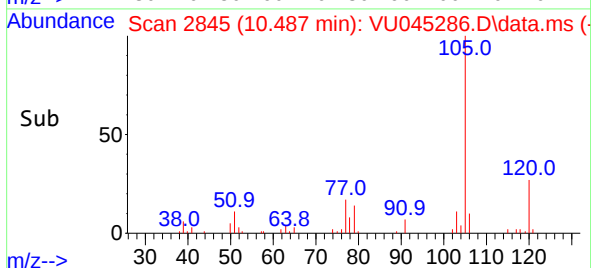
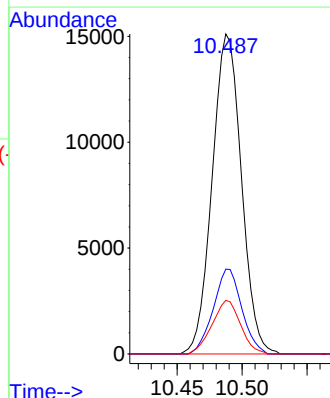
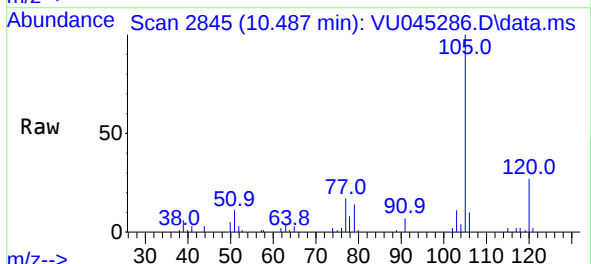
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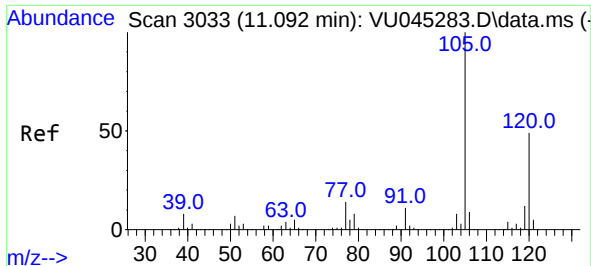
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#61
Isopropylbenzene
Concen: 2.503 ug/L
RT: 10.487 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

Tgt Ion:	105	Resp:	23603
Ion	Ratio	Lower	Upper
105	100		
120	25.9	20.5	30.7
77	16.4	13.5	20.3





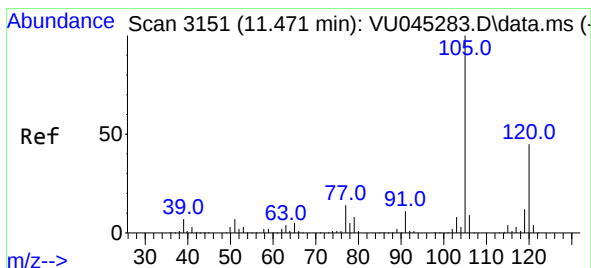
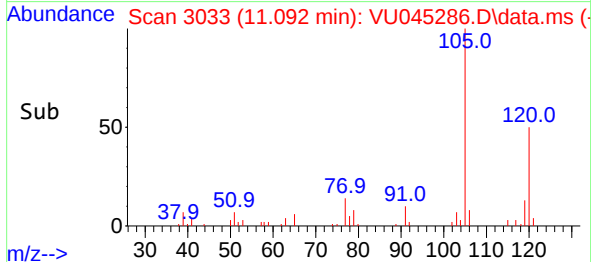
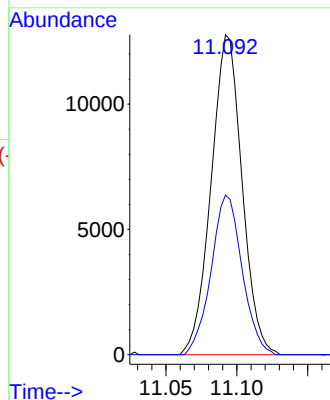
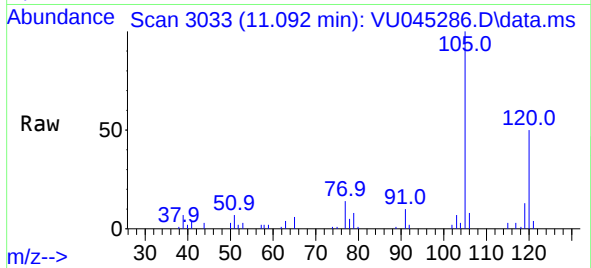
#62
1,3,5-Trimethylbenzene
Concen: 2.456 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

Tgt Ion:105 Resp: 19343
Ion Ratio Lower Upper
105 100
120 50.1 38.8 58.2

Instrument :
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ClientSampleId :
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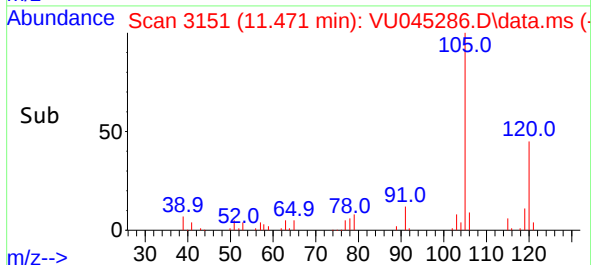
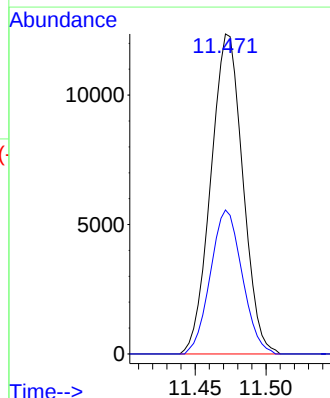
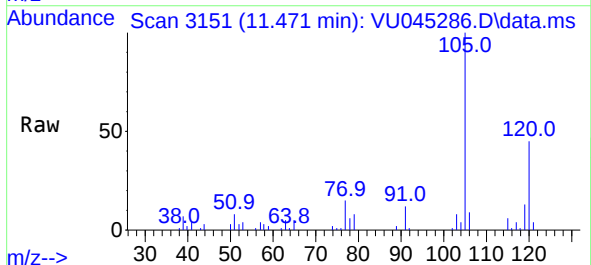
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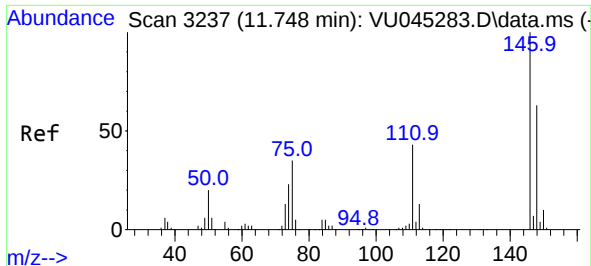
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#63
1,2,4-Trimethylbenzene
Concen: 2.403 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

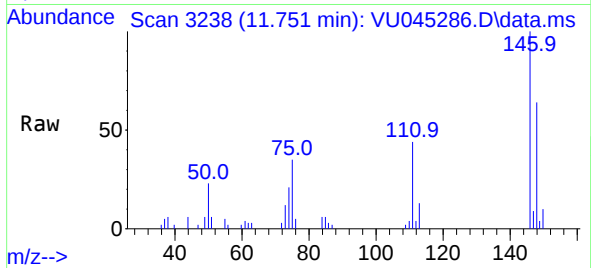
Tgt Ion:105 Resp: 19381
Ion Ratio Lower Upper
105 100
120 44.8 35.7 53.5





#64
1,3-Dichlorobenzene
Concen: 2.648 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.003 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

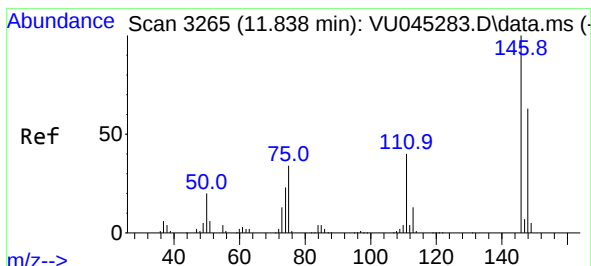
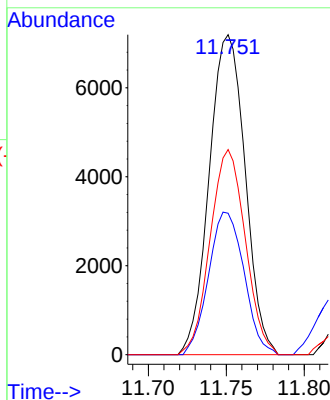
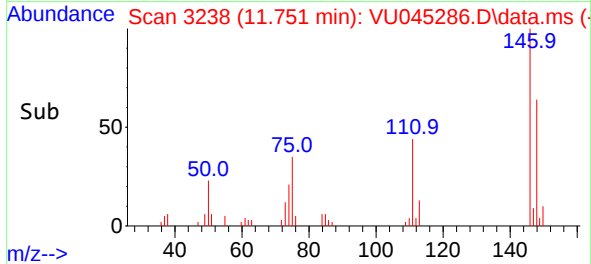
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-08



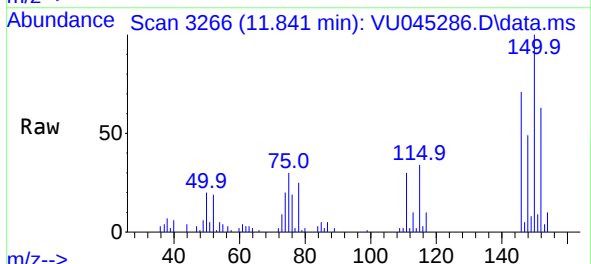
Tgt Ion:146 Resp: 11539
Ion Ratio Lower Upper
146 100
111 44.2 29.0 53.8
148 67.7 44.8 83.2

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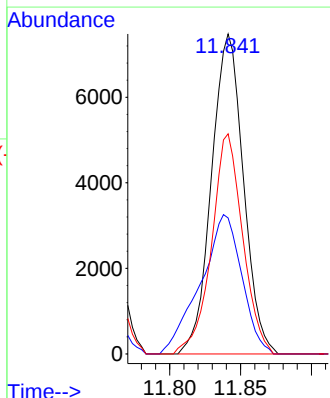
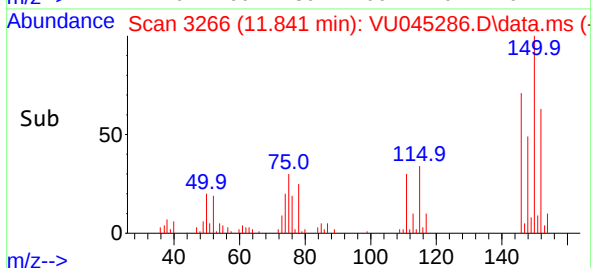
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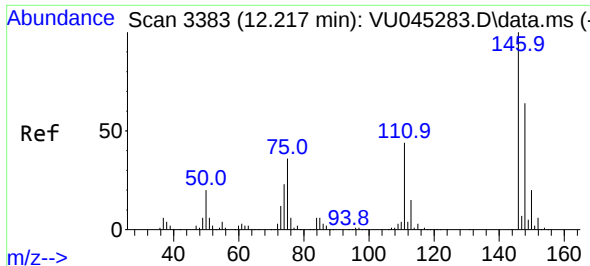


#65
1,4-Dichlorobenzene
Concen: 2.621 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33



Tgt Ion:146 Resp: 11721
Ion Ratio Lower Upper
146 100
111 42.5 28.5 52.9
148 68.8 45.5 84.5





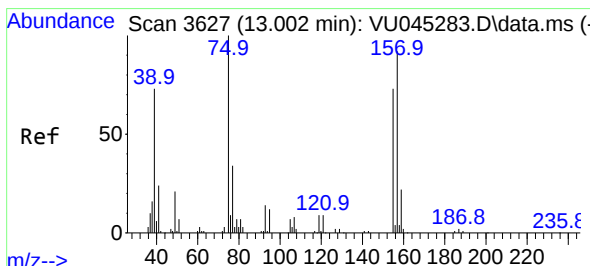
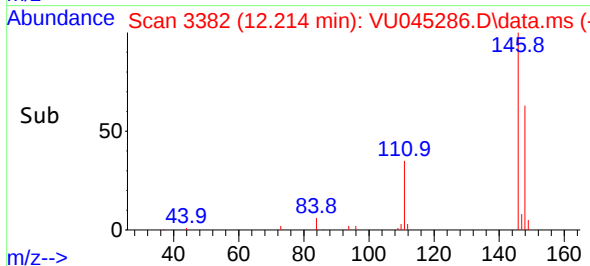
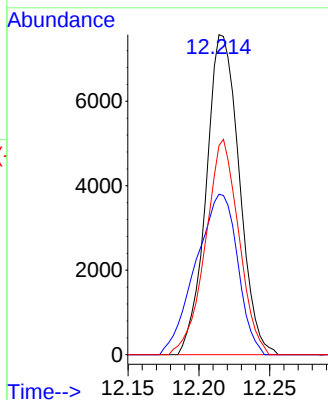
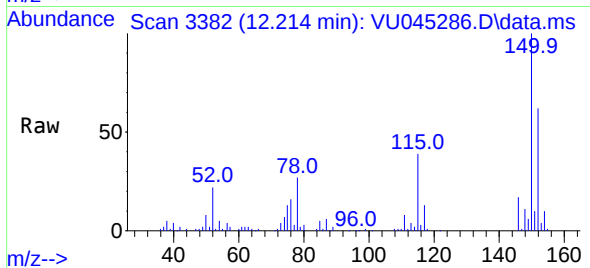
#67
1,2-Dichlorobenzene
Concen: 2.751 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

Tgt Ion: 146 Resp: 12310
Ion Ratio Lower Upper
146 100
111 50.2 34.7 52.1
148 65.4 51.0 76.6

Instrument :
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ClientSampleId :
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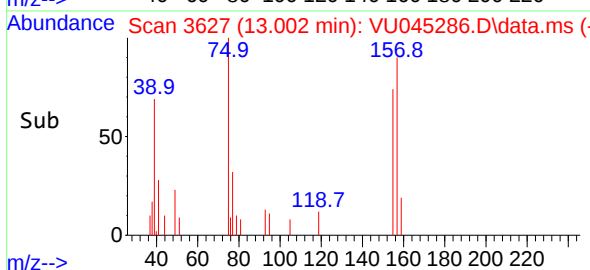
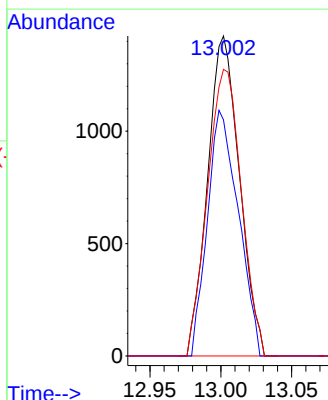
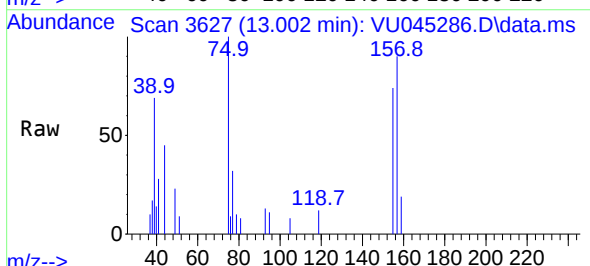
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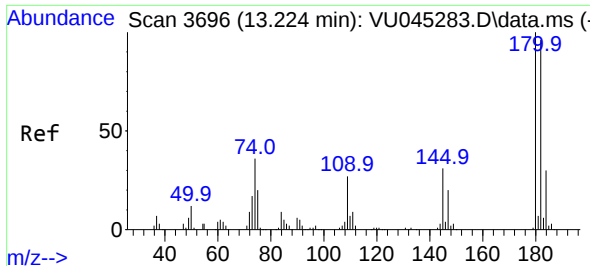
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#68
1,2-Dibromo-3-chloropropane
Concen: 2.177 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.000 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

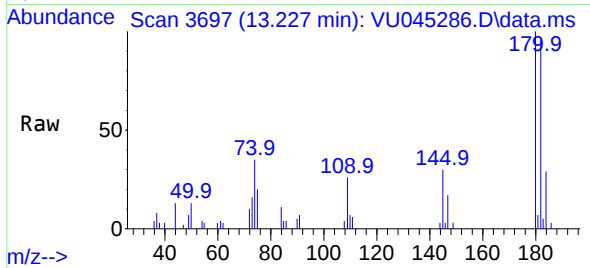
Tgt Ion: 75 Resp: 2230
Ion Ratio Lower Upper
75 100
155 73.8 58.5 87.7
157 89.5 77.7 116.5





#69
1,3,5-Trichlorobenzene
Concen: 2.456 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. 0.003 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-08

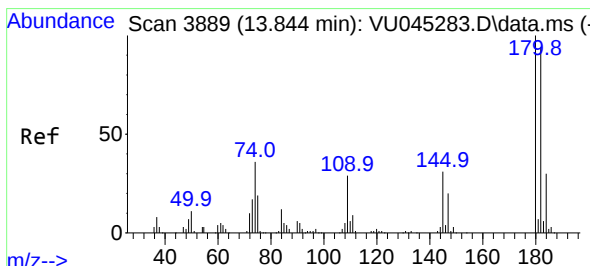
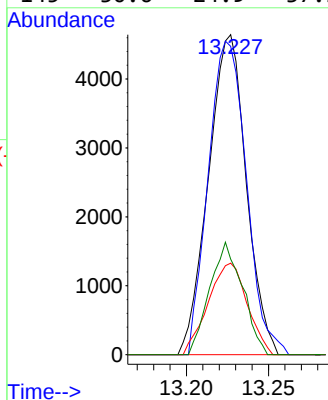
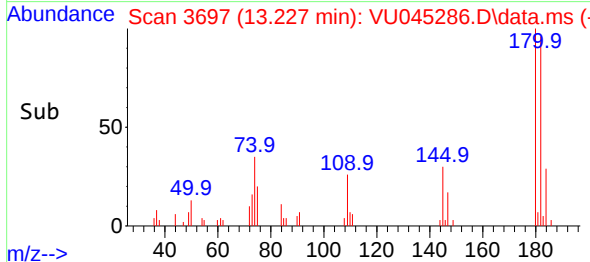


Tgt Ion:180 Resp: 7429

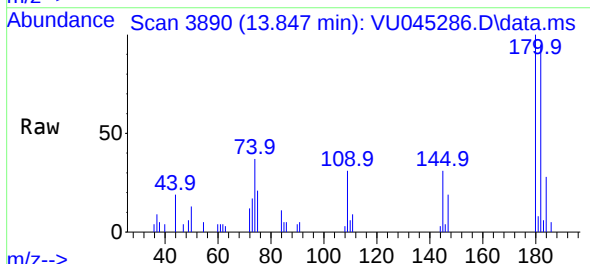
Ion	Ratio	Lower	Upper
180	100		
182	98.6	76.8	115.2
184	29.5	24.4	36.6
145	30.6	24.9	37.3

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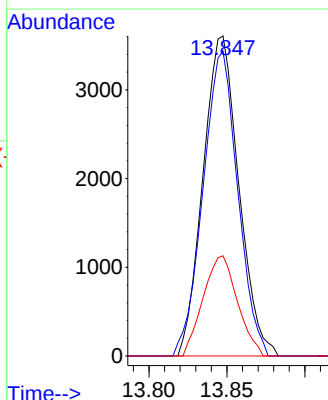
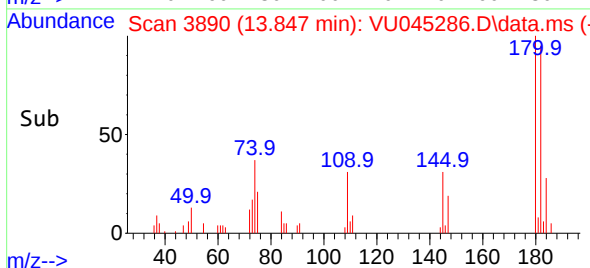


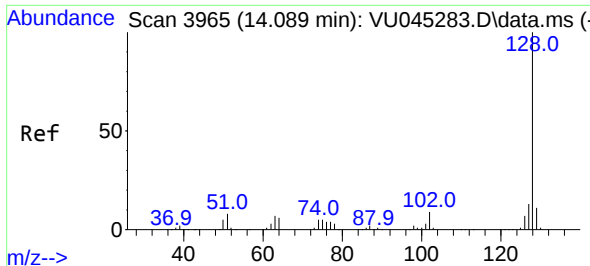
#70
1,2,4-trichlorobenzene
Concen: 2.284 ug/L
RT: 13.847 min Scan# 3890
Delta R.T. 0.003 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33



Tgt Ion:180 Resp: 5740

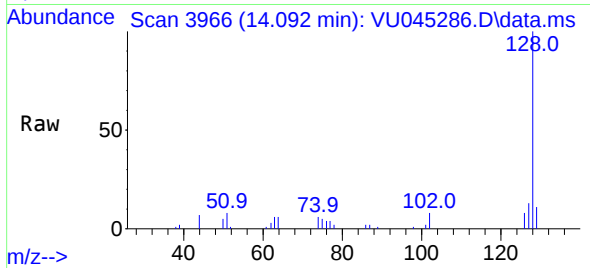
Ion	Ratio	Lower	Upper
180	100		
182	92.4	76.2	114.2
145	30.1	25.4	38.0





#71
Naphthalene
Concen: 2.316 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33

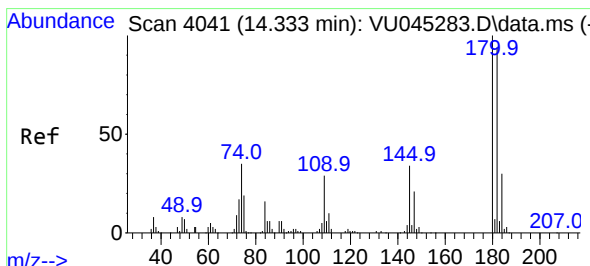
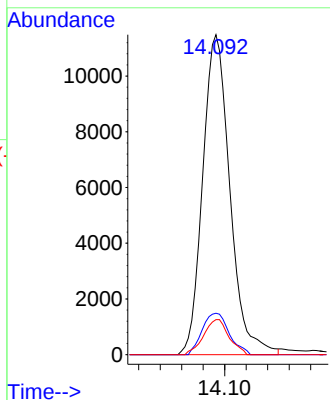
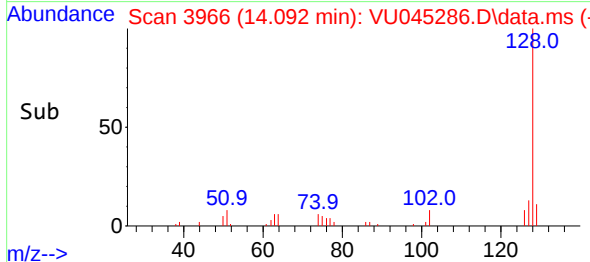
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-08



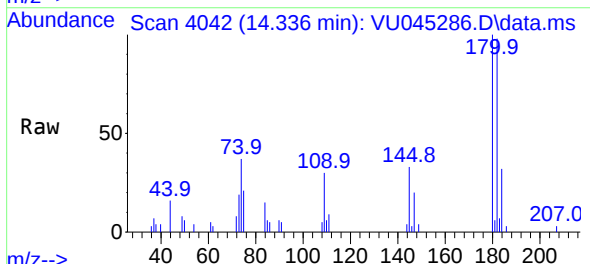
Tgt Ion:128 Resp: 20175
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.2 8.8 13.2

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#72
1,2,3-Trichlorobenzene
Concen: 2.380 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VU045286.D
Acq: 12 Oct 2021 12:33



Tgt Ion:180 Resp: 6121
Ion Ratio Lower Upper
180 100
182 94.2 76.8 115.2
145 29.2 26.5 39.7

