

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022421\
 Data File : VU042421.D
 Acq On : 24 Feb 2021 11:15
 Operator : SY/MD
 Sample : M1344-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2021-04

Manual Integrations
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Quant Time: Feb 25 02:14:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 25 02:14:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	209020	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	194148	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	98876	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	71216	45.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.54%		
7) Chloroethane-d5	1.916	69	59608	55.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	110.52%		
11) 1,1-Dichloroethene-d2	2.575	63	127408	37.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.90%		
21) 2-Butanone-d5	4.639	46	167087	102.66	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.66%		
24) Chloroform-d	5.073	84	153357	48.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.08%		
26) 1,2-Dichloroethane-d4	5.713	65	114880	51.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.80%		
32) Benzene-d6	5.735	84	283884	50.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.66%		
36) 1,2-Dichloropropane-d6	6.700	67	94600	50.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.42%		
41) Toluene-d8	7.906	98	260806	48.81	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.62%		
43) trans-1,3-Dichloroprop...	8.189	79	48626	49.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.28%		
47) 2-Hexanone-d5	8.645	63	108238	101.59	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.59%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	135815	48.42	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.84%		
66) 1,2-Dichlorobenzene-d4	12.201	152	103807	50.07	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.14%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	3697	2.11	ug/L	100
3) Chloromethane	1.523	50	3663	2.29	ug/L	93
5) Vinyl chloride	1.607	62	3909	2.47	ug/L #	58
6) Bromomethane	1.861	94	2571	2.90	ug/L	84
8) Chloroethane	1.935	64	2296	2.64	ug/L #	81
9) Trichlorofluoromethane	2.144	101	5484	2.24	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	4351	2.97	ug/L #	78
12) 1,1-Dichloroethene	2.584	96	3757	2.80	ug/L #	1
13) Acetone	2.645	43	7055	4.80	ug/L	99
14) Carbon disulfide	2.800	76	8705	2.15	ug/L	98
15) Methyl Acetate	2.967	43	4804	2.12	ug/L	97
16) Methylene chloride	3.054	84	3560	2.35	ug/L	95
17) trans-1,2-Dichloroethene	3.366	96	3085	2.21	ug/L	87
18) Methyl tert-butyl Ether	3.372	73	11173	2.22	ug/L #	91
19) 1,1-Dichloroethane	3.880	63	6197	2.14	ug/L	93
20) cis-1,2-Dichloroethene	4.674	96	3484	2.22	ug/L	95
22) 2-Butanone	4.719	43	8053	4.23	ug/L	99
23) Bromochloromethane	4.983	128	1858	2.23	ug/L	95
25) Chloroform	5.099	83	6466	2.20	ug/L	92

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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	5906	2.27	ug/L	96
29) Cyclohexane	5.398	56	5420	2.10	ug/L	96
30) 1,1,1-Trichloroethane	5.327	97	5692	2.14	ug/L	96
31) Carbon tetrachloride	5.530	117	4611m	2.02	ug/L	
33) Benzene	5.784	78	13609	2.29	ug/L	100
34) Trichloroethene	6.552	95	3594	2.31	ug/L	97
35) Methylcyclohexane	6.774	83	4968	2.07	ug/L	95
37) 1,2-Dichloropropane	6.796	63	3849	2.32	ug/L #	89
38) Bromodichloromethane	7.115	83	4658	2.09	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	5113	1.98	ug/L	90
40) 4-Methyl-2-pentanone	7.800	43	13957	4.25	ug/L	99
42) Toluene	7.976	91	13468	2.12	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	5212	2.04	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	3331	2.19	ug/L	89
46) Tetrachloroethene	8.562	164	2589	2.11	ug/L	92
48) 2-Hexanone	8.697	43	12337	4.64	ug/L	97
49) Dibromochloromethane	8.819	129	3347	1.89	ug/L	97
50) 1,2-Dibromoethane	8.931	107	3524	2.06	ug/L #	98
51) Chlorobenzene	9.455	112	8685	2.16	ug/L	97
52) Ethylbenzene	9.578	91	14532	2.06	ug/L	91
53) m,p-Xylene	9.700	106	5688	2.16	ug/L	88
54) o-xylene	10.108	106	5460	2.09	ug/L	98
55) Styrene	10.124	104	8876	1.98	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.790	83	6372	2.30	ug/L	91
59) Bromoform	10.301	173	2745	1.98	ug/L	99
60) 1,2,3-Trichloropropane	10.832	75	4806	2.21	ug/L	95
61) Isopropylbenzene	10.494	105	14316	2.18	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	12028	2.11	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	11266	1.96	ug/L	98
64) 1,3-Dichlorobenzene	11.754	146	6670	2.15	ug/L	97
65) 1,4-Dichlorobenzene	11.844	146	7100	2.25	ug/L	97
67) 1,2-Dichlorobenzene	12.221	146	7016	2.20	ug/L #	92
68) 1,2-Dibromo-3-chloropr...	13.005	75	1431	1.97	ug/L	93
69) 1,3,5-Trichlorobenzene	13.227	180	4719	1.97	ug/L	94
70) 1,2,4-trichlorobenzene	13.848	180	3795	1.89	ug/L	99
71) Naphthalene	14.095	128	9747	1.54	ug/L	98
72) 1,2,3-Trichlorobenzene	14.339	180	3715	1.82	ug/L	98

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

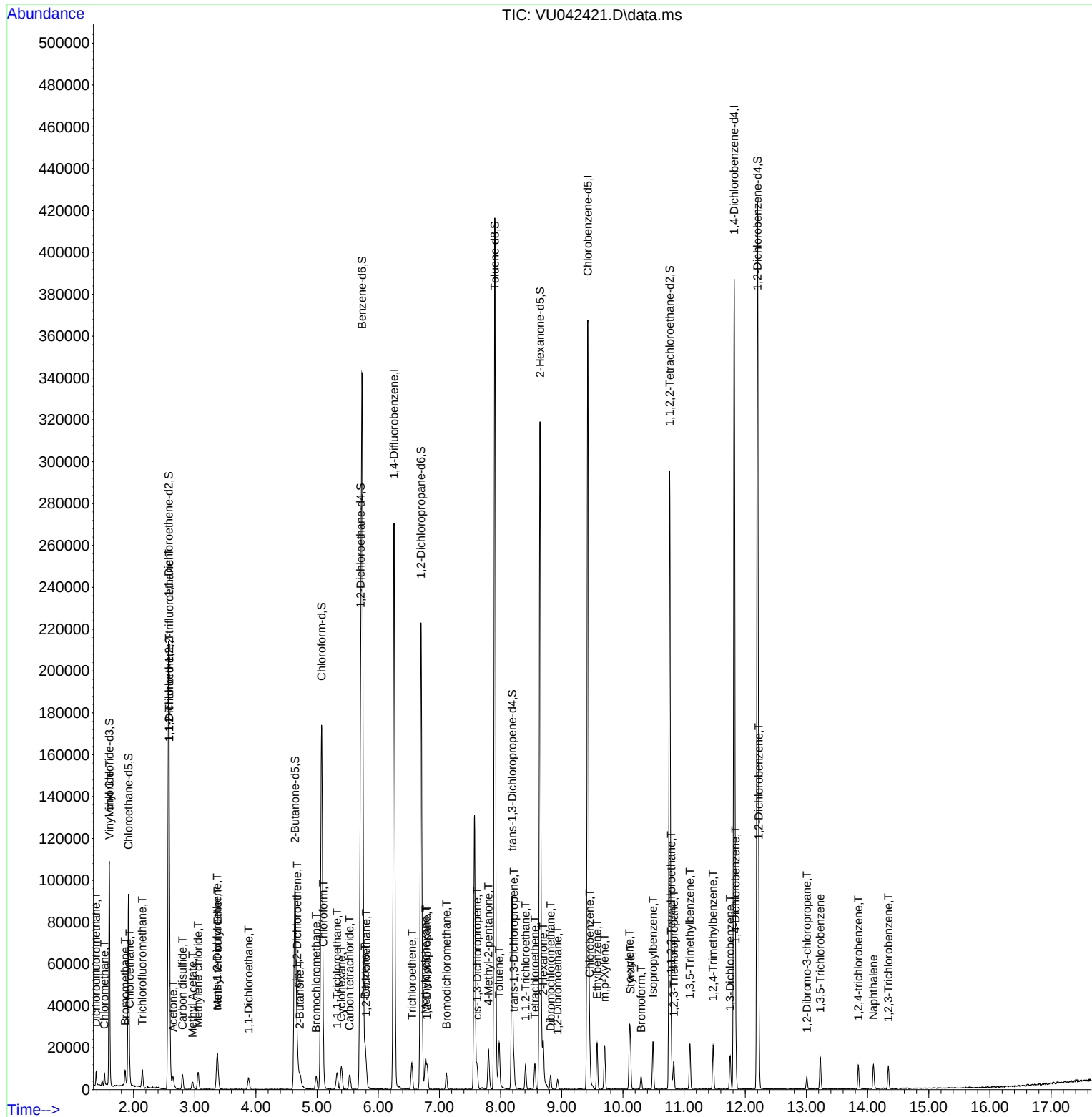
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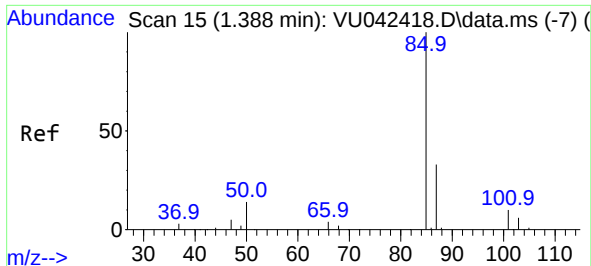
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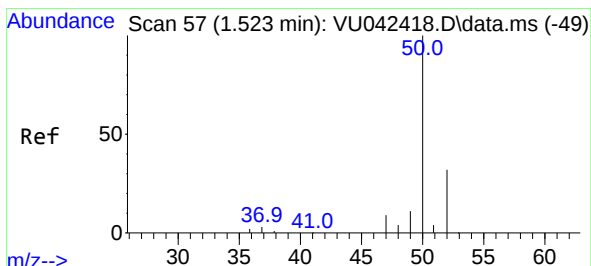
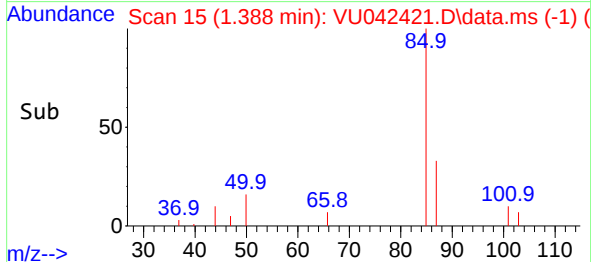
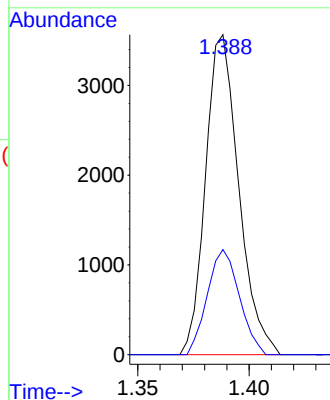
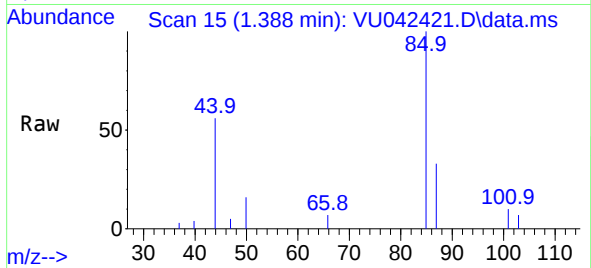
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Dichlorodifluoromethane
Concen: 2.11 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion: 85 Resp: 3697
Ion Ratio Lower Upper
85 100
87 31.6 25.4 38.2

Instrument :
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ClientSampleId :
MDL-WATER-QT2-2021-04

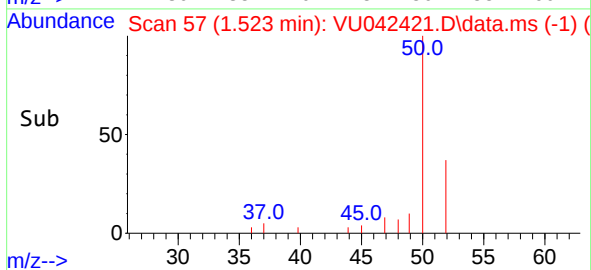
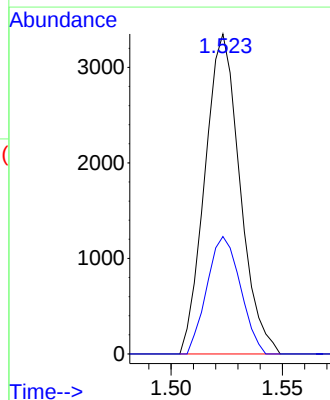
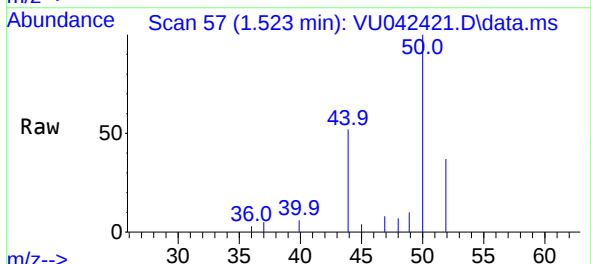
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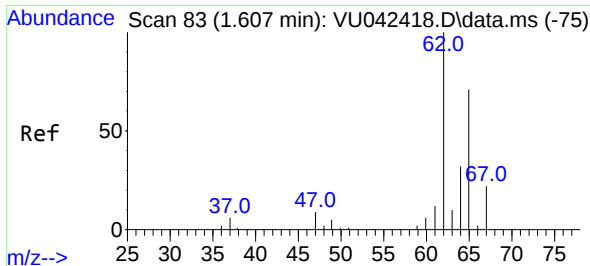
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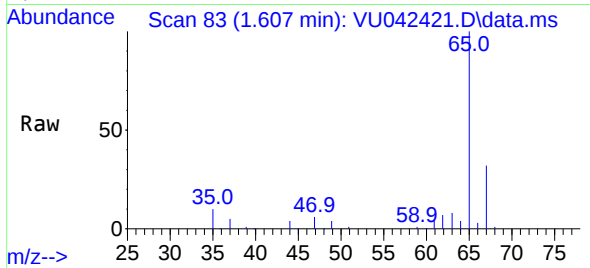
#3
Chloromethane
Concen: 2.29 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion: 50 Resp: 3663
Ion Ratio Lower Upper
50 100
52 36.7 22.8 42.4

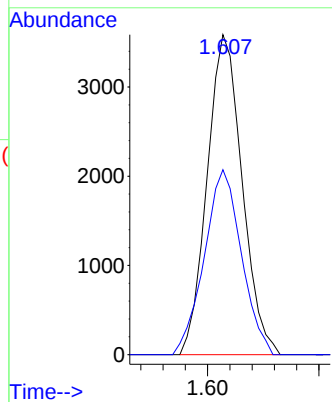
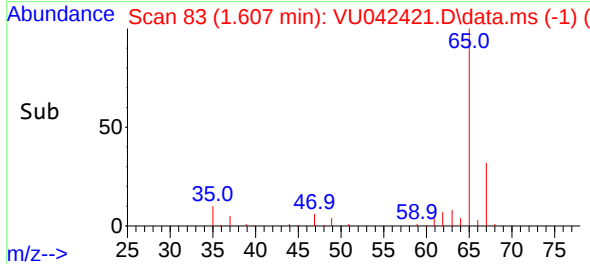




#5
 Vinyl chloride
 Concen: 2.47 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU042421.D
 Acq: 24 Feb 2021 11:15



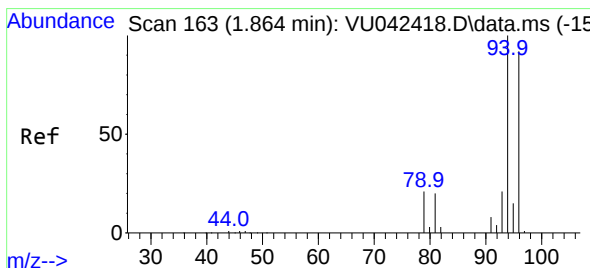
Tgt Ion: 62 Resp: 3909
 Ion Ratio Lower Upper
 62 100
 64 57.8 23.6 43.8#



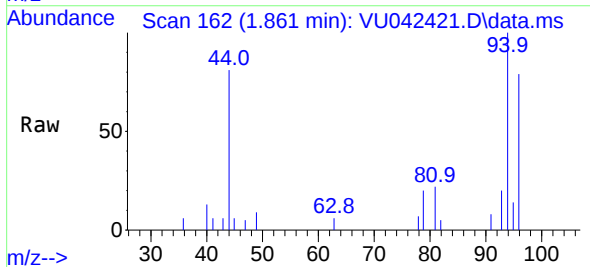
Instrument :
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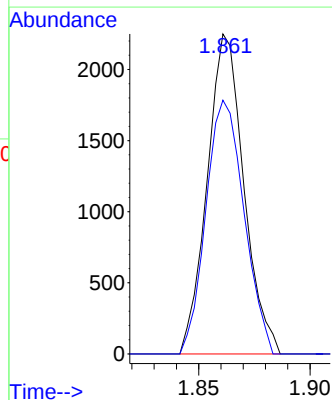
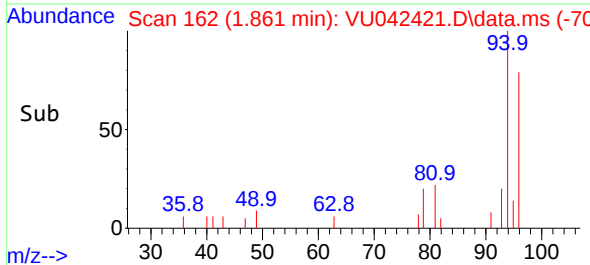
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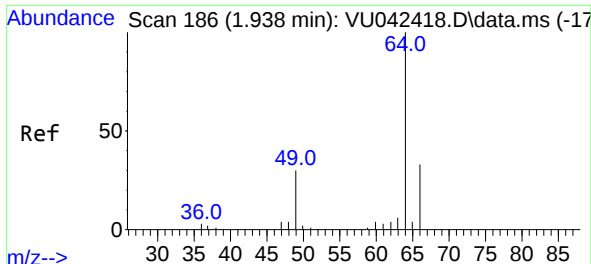


#6
 Bromomethane
 Concen: 2.90 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU042421.D
 Acq: 24 Feb 2021 11:15



Tgt Ion: 94 Resp: 2571
 Ion Ratio Lower Upper
 94 100
 96 79.3 66.3 123.1





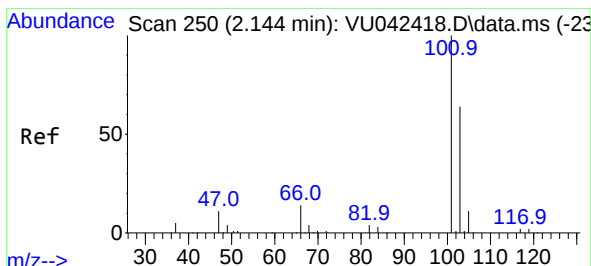
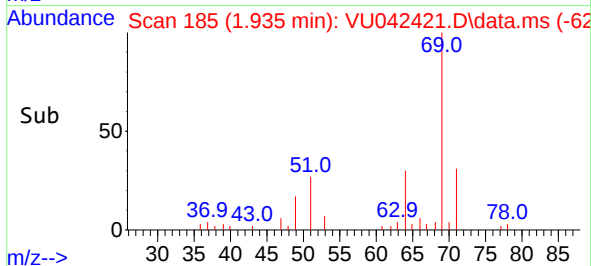
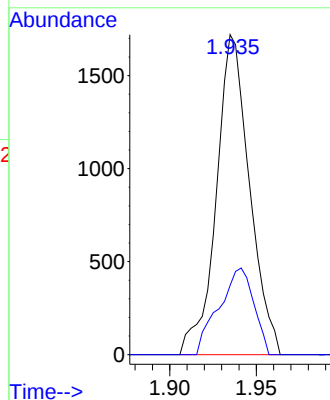
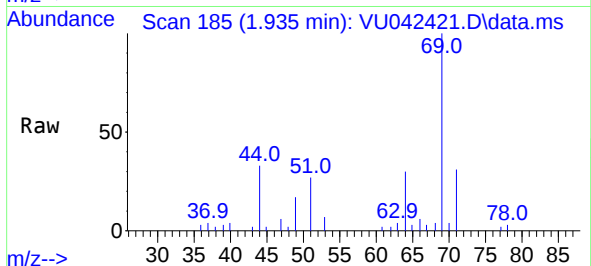
#8
Chloroethane
Concen: 2.64 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.003 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Instrument :
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ClientSampleId :
MDL-WATER-QT2-2021-04

Tgt Ion: 64 Resp: 2296
Ion Ratio Lower Upper
64 100
66 21.6 22.5 41.7#

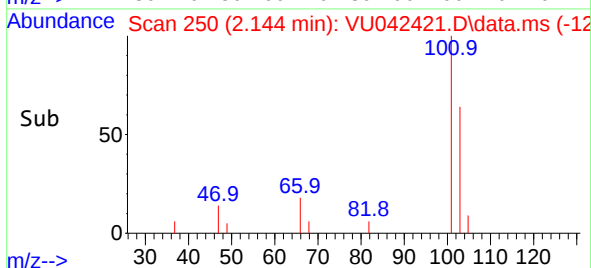
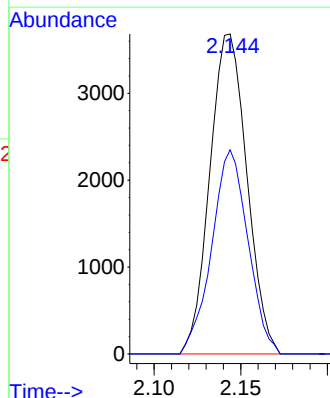
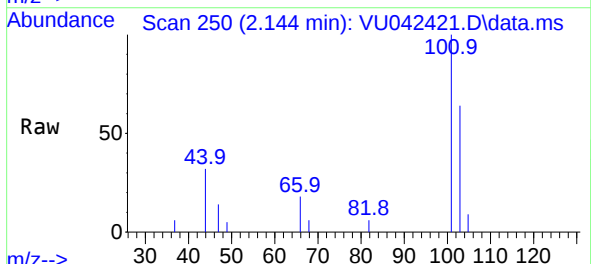
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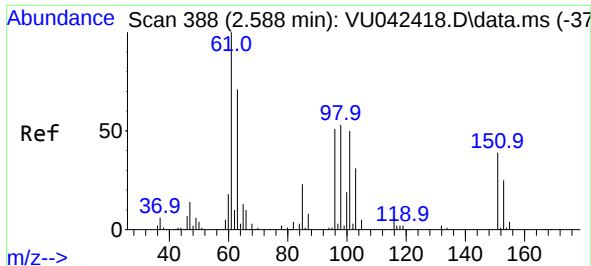
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#9
Trichlorofluoromethane
Concen: 2.24 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion: 101 Resp: 5484
Ion Ratio Lower Upper
101 100
103 62.3 51.4 77.0





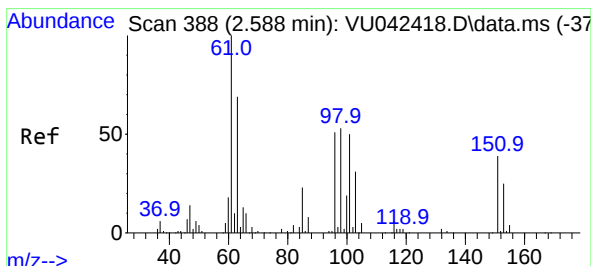
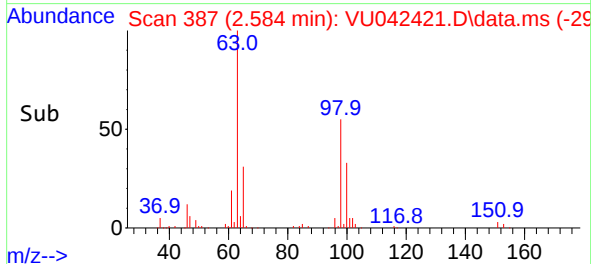
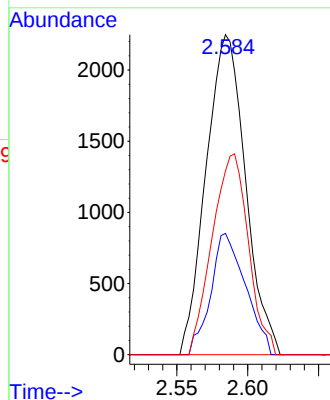
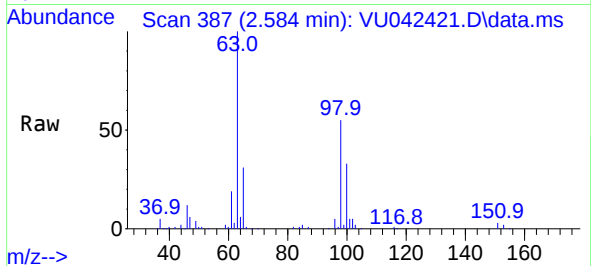
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.97 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion: 101 Resp: 4351
Ion Ratio Lower Upper
101 100
85 33.5 36.7 55.1#
151 57.7 62.9 94.3#

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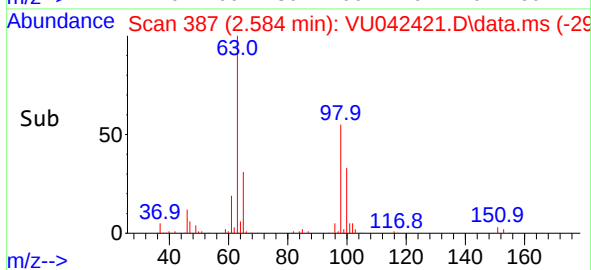
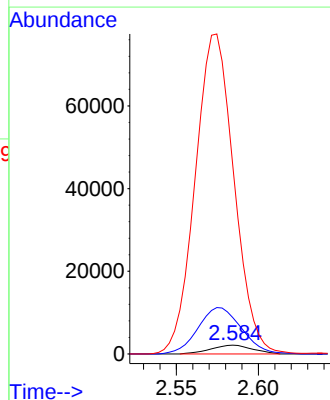
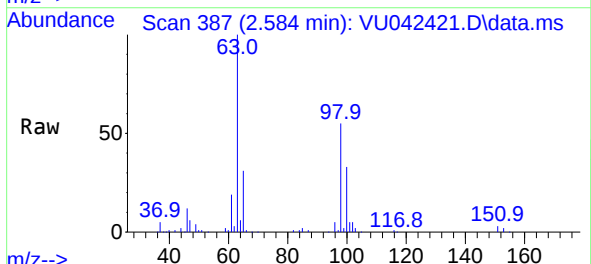
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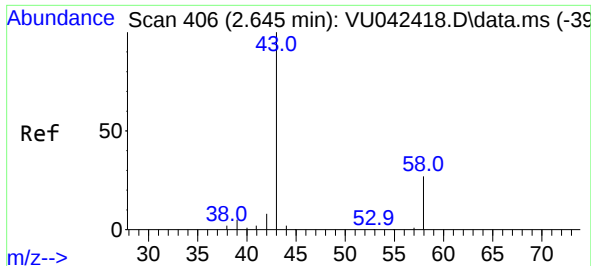
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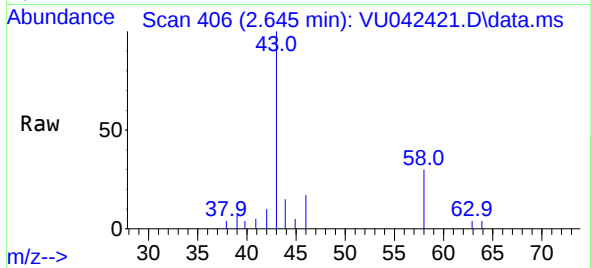
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1,1-Dichloroethene
Concen: 2.80 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion: 96 Resp: 3757
Ion Ratio Lower Upper
96 100
61 410.4 131.6 244.4#
63 2132.3 92.6 172.0#

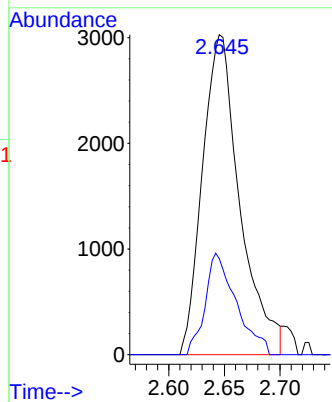
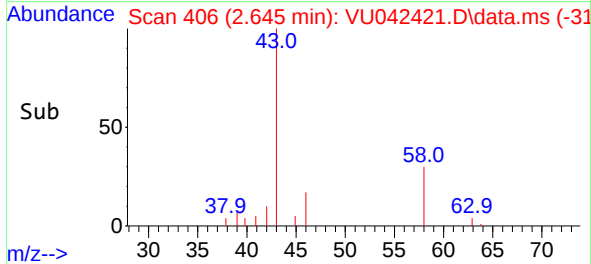




#13
Acetone
Concen: 4.80 ug/L
RT: 2.645 min Scan# 406
Delta R.T. -0.000 min
Lab File: VU042421.D
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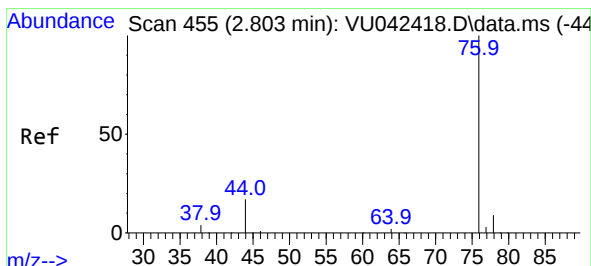
Tgt Ion: 43 Resp: 7055
Ion Ratio Lower Upper
43 100
58 26.3 0.0 54.0



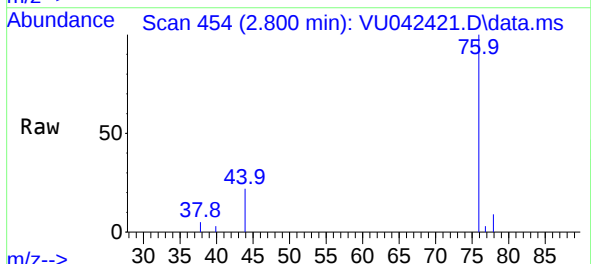
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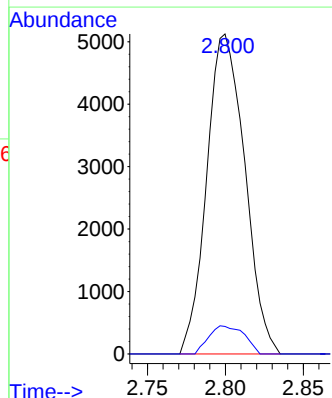
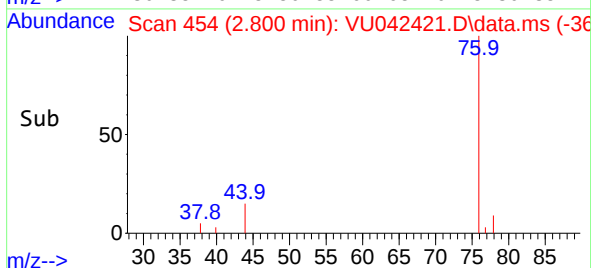
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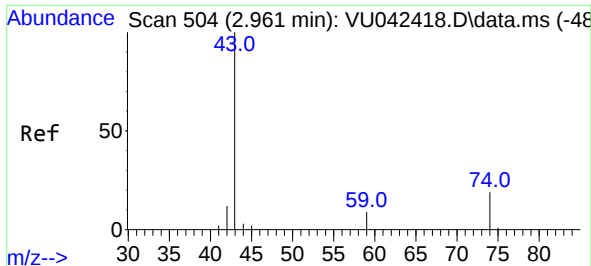


#14
Carbon disulfide
Concen: 2.15 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.003 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15



Tgt Ion: 76 Resp: 8705
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0





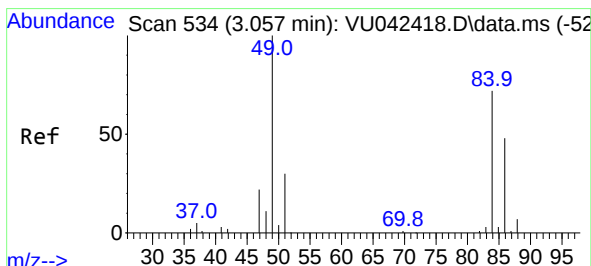
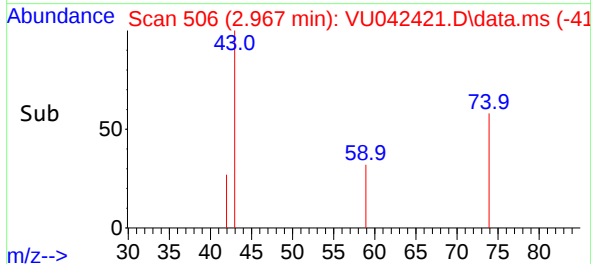
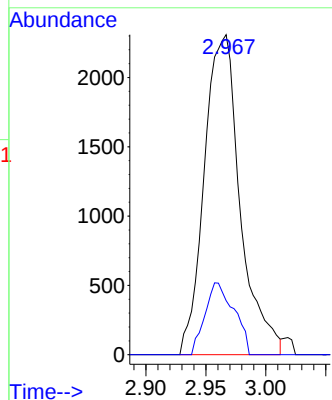
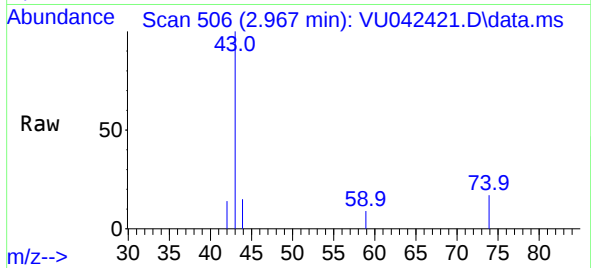
#15
Methyl Acetate
Concen: 2.12 ug/L
RT: 2.967 min Scan# 506
Delta R.T. 0.006 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion: 43 Resp: 4804
Ion Ratio Lower Upper
43 100
74 18.2 15.8 23.6

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

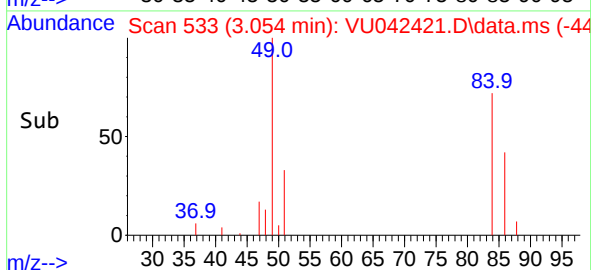
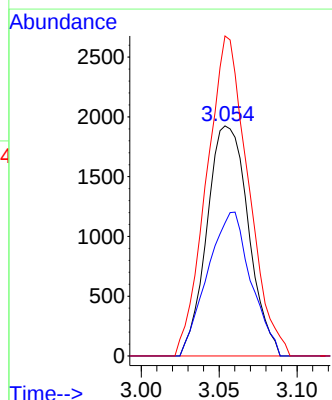
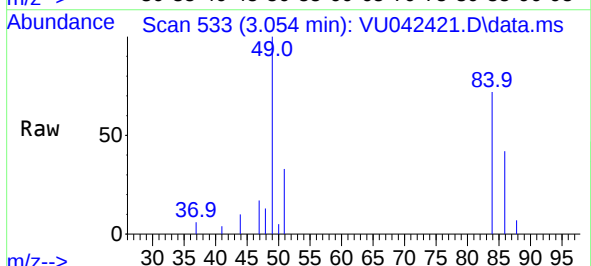
Manual Integrations
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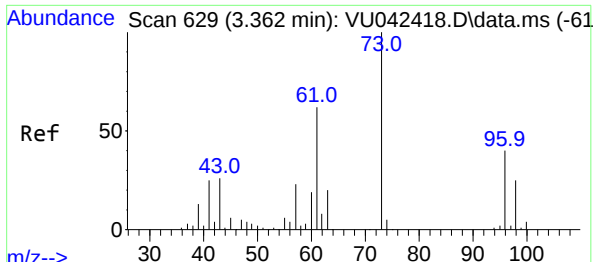
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#16
Methylene chloride
Concen: 2.35 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.003 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion: 84 Resp: 3560
Ion Ratio Lower Upper
84 100
86 57.8 46.0 85.4
49 139.1 99.5 184.9





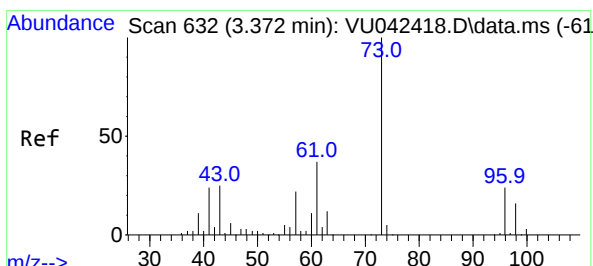
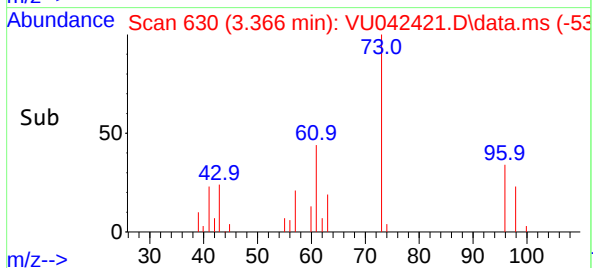
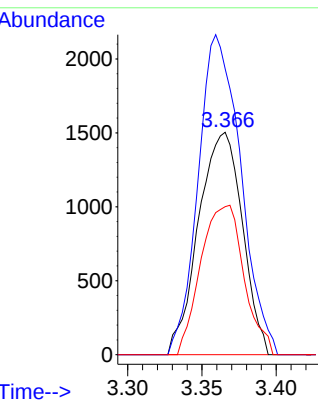
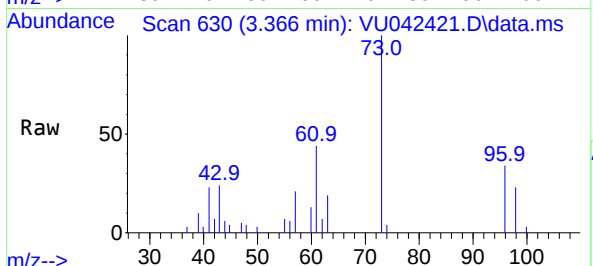
#17
trans-1,2-Dichloroethene
Concen: 2.21 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.003 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion: 96 Resp: 3085
Ion Ratio Lower Upper
96 100
61 128.6 104.6 194.2
98 66.6 44.4 82.4

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

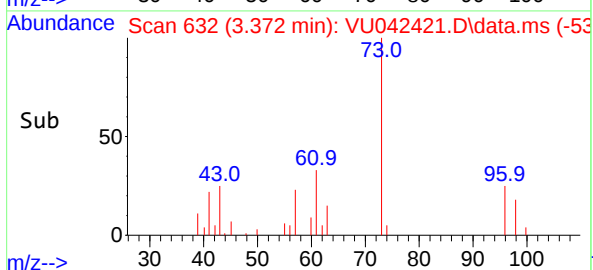
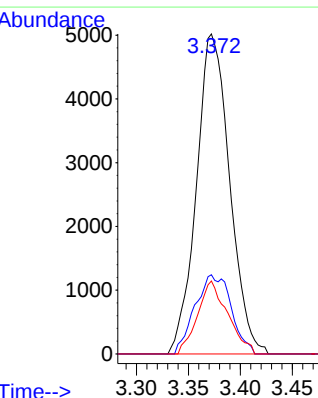
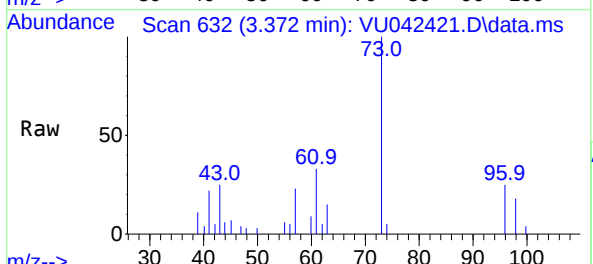
Manual Integrations
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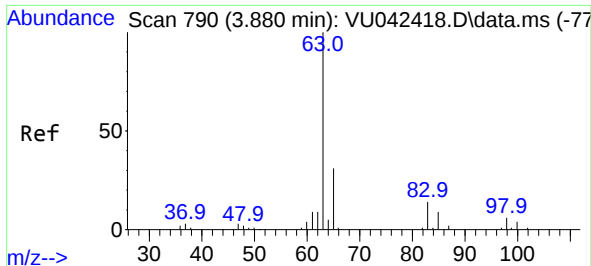
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#18
Methyl tert-butyl Ether
Concen: 2.22 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.000 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion: 73 Resp: 11173
Ion Ratio Lower Upper
73 100
43 17.3 19.4 29.0#
57 20.7 18.2 27.2





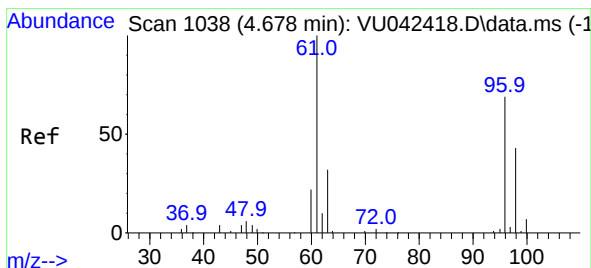
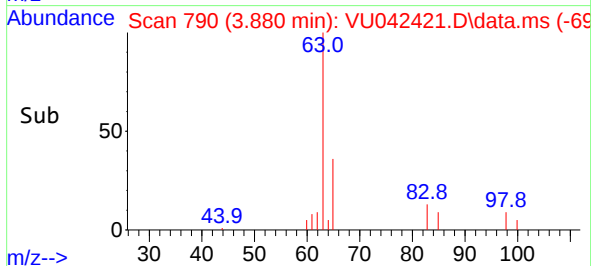
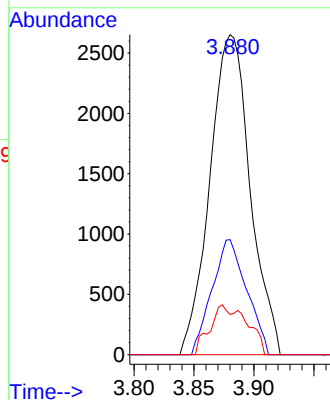
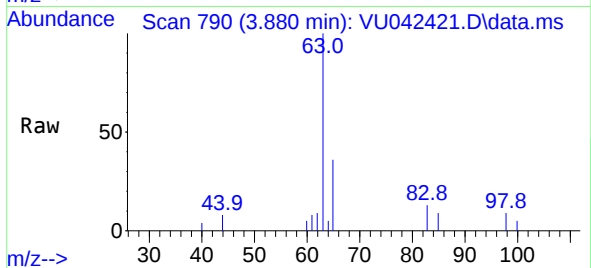
#19
1,1-Dichloroethane
Concen: 2.14 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion:	63	Resp:	6197
Ion	Ratio	Lower	Upper
63	100		
65	36.0	21.8	40.4
83	12.5	9.1	16.9

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

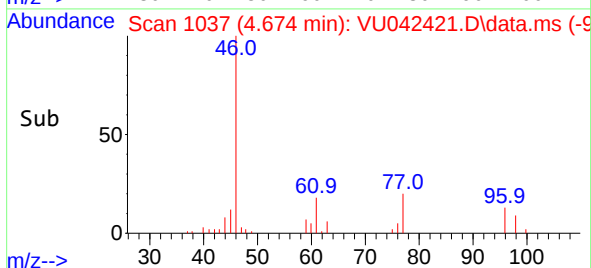
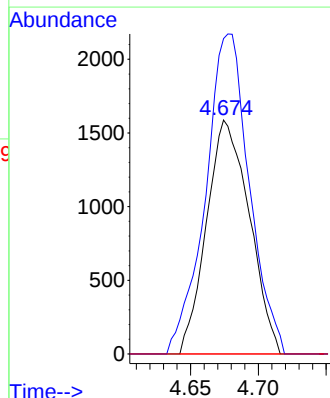
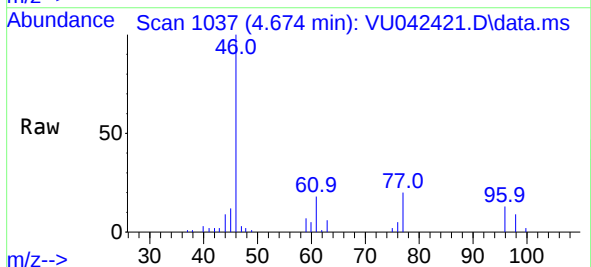
Manual Integrations
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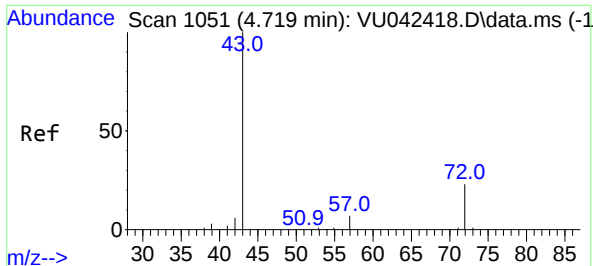
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#20
cis-1,2-Dichloroethene
Concen: 2.22 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion:	96	Resp:	3484
Ion	Ratio	Lower	Upper
96	100		
61	134.8	98.6	183.0
68	0.0	0.0	0.0





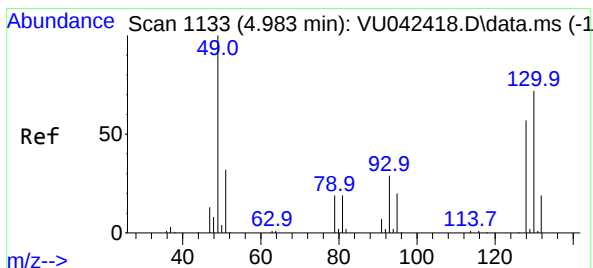
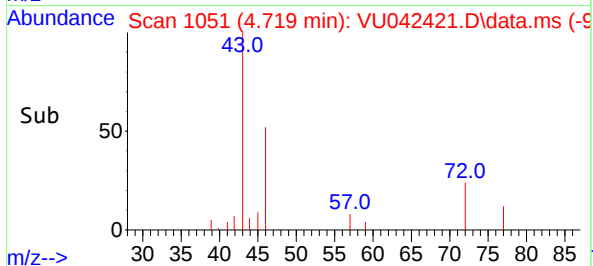
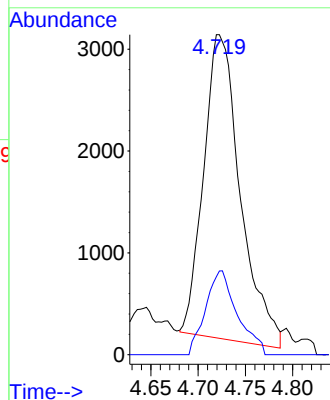
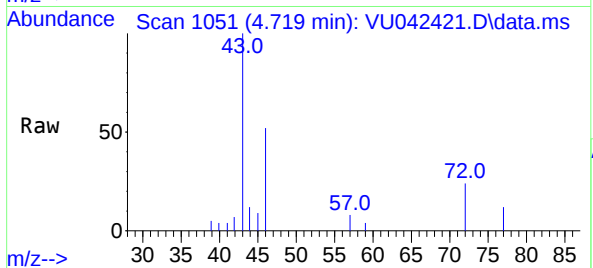
#22
2-Butanone
Concen: 4.23 ug/L
RT: 4.719 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion: 43 Resp: 8053
Ion Ratio Lower Upper
43 100
72 23.8 11.7 35.1

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

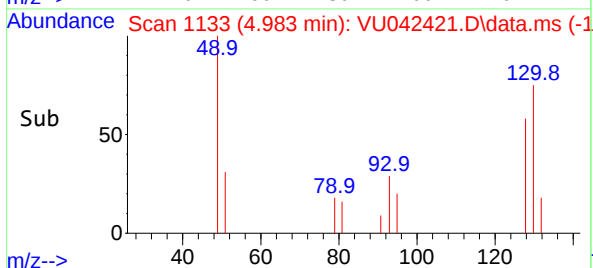
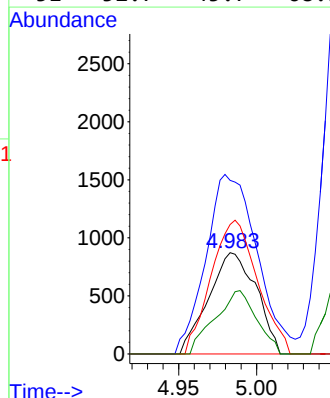
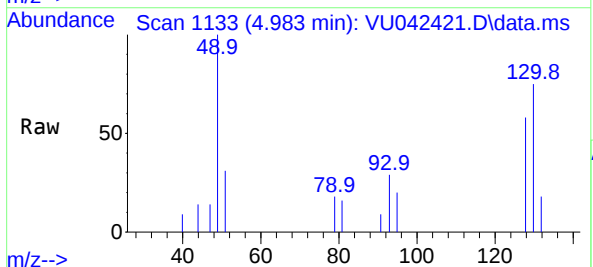
Manual Integrations
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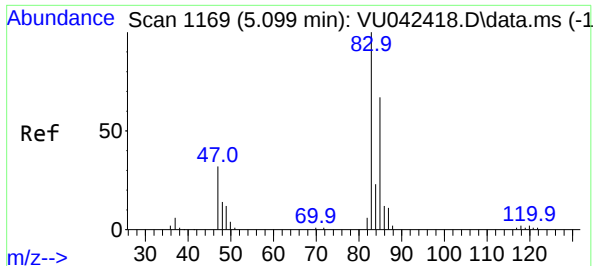
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#23
Bromochloromethane
Concen: 2.23 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion: 128 Resp: 1858
Ion Ratio Lower Upper
128 100
49 171.4 125.9 233.9
130 127.7 91.7 170.3
51 52.7 45.7 68.5





#25

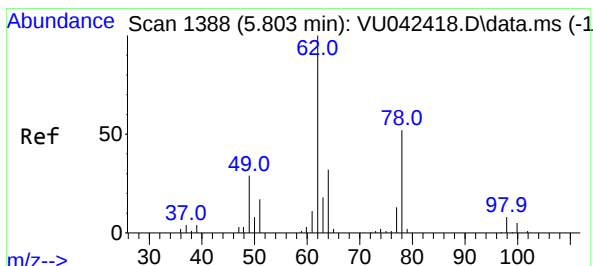
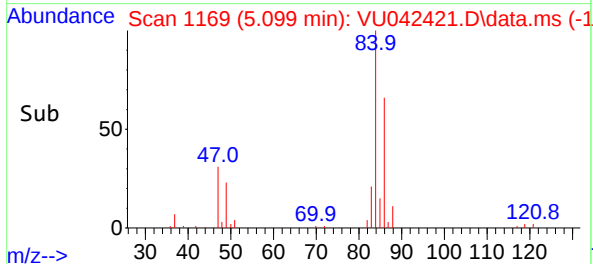
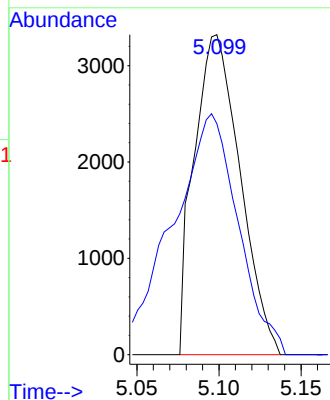
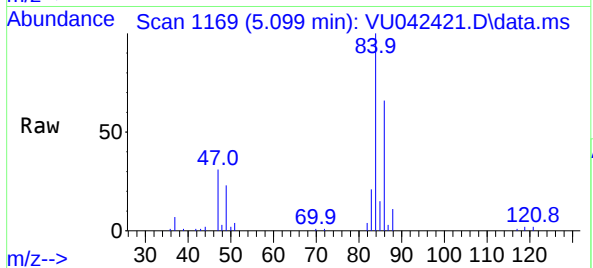
Chloroform
Concen: 2.20 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion: 83 Resp: 6466
Ion Ratio Lower Upper
83 100
85 72.2 46.1 85.5

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

Manual Integrations
APPROVED

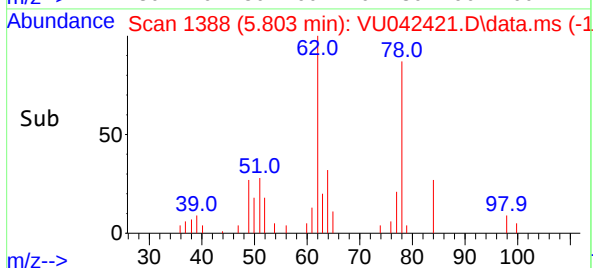
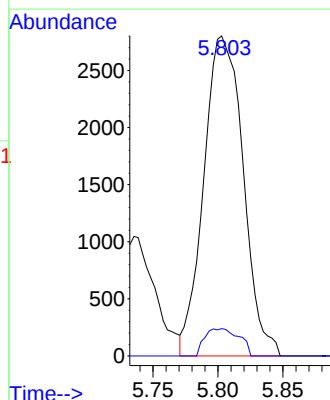
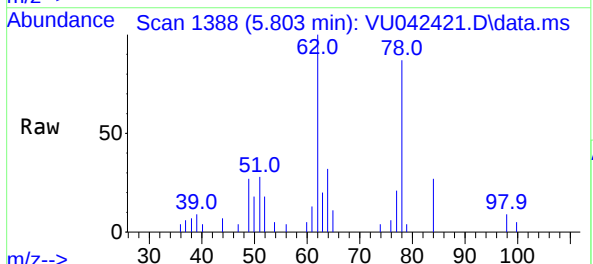
SAM
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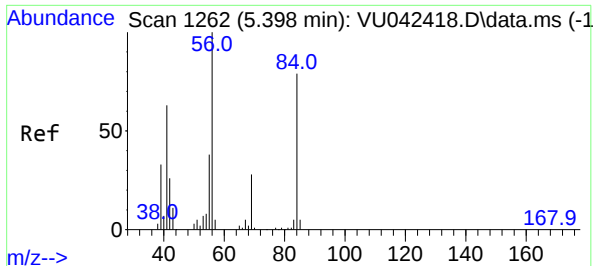


#27

1,2-Dichloroethane
Concen: 2.27 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion: 62 Resp: 5906
Ion Ratio Lower Upper
62 100
98 8.6 5.8 8.8





#29

Cyclohexane

Concen: 2.10 ug/L

RT: 5.398 min Scan# 1262

Delta R.T. -0.000 min

Lab File: VU042421.D

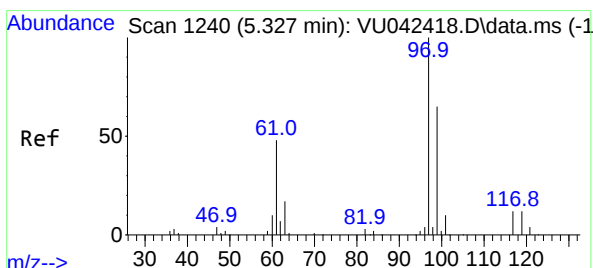
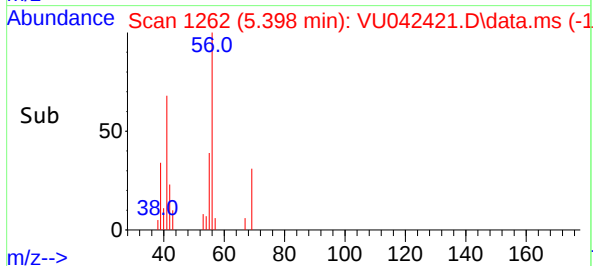
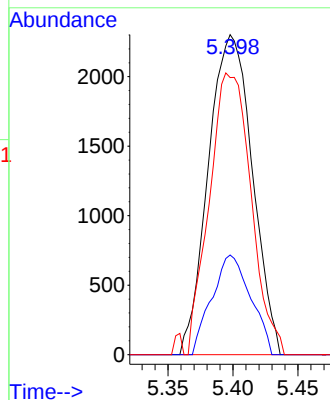
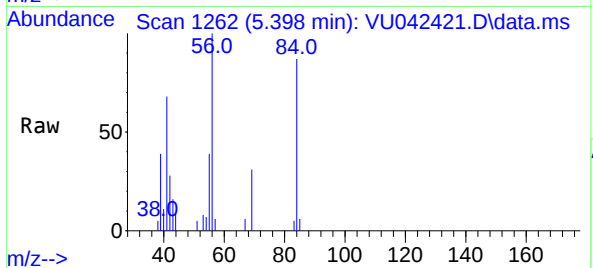
Acq: 24 Feb 2021 11:15

Tgt Ion:	56	Resp:	5420
Ion	Ratio	Lower	Upper
56	100		
69	27.5	23.5	35.3
84	83.5	64.2	96.2

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

Manual Integrations
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#30

1,1,1-Trichloroethane

Concen: 2.14 ug/L

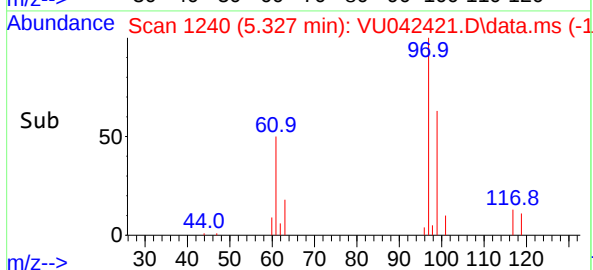
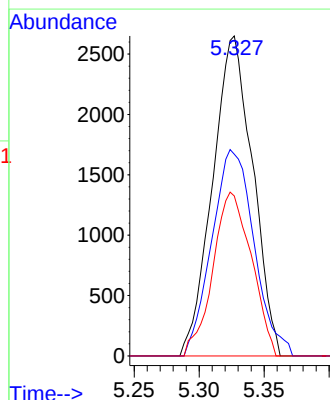
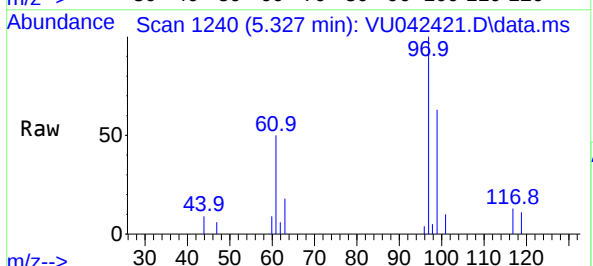
RT: 5.327 min Scan# 1240

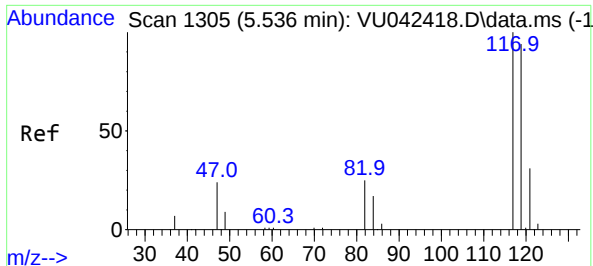
Delta R.T. -0.000 min

Lab File: VU042421.D

Acq: 24 Feb 2021 11:15

Tgt Ion:	97	Resp:	5692
Ion	Ratio	Lower	Upper
97	100		
99	68.0	51.3	76.9
61	49.1	37.7	56.5





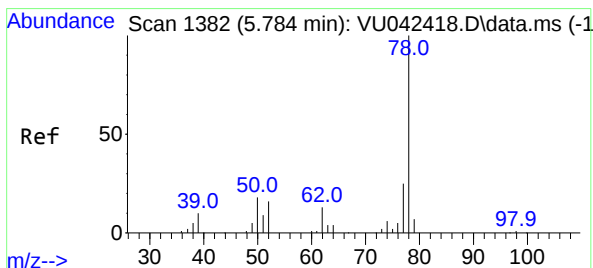
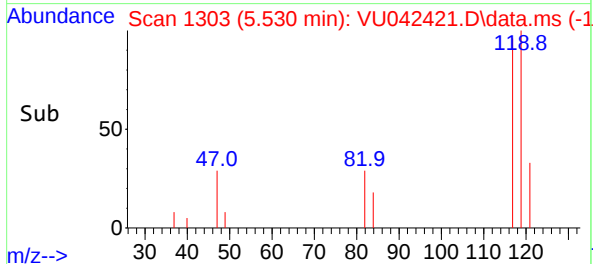
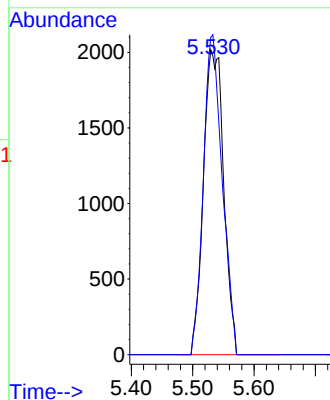
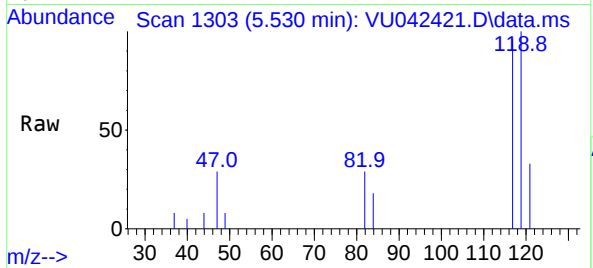
#31
Carbon tetrachloride
Concen: 2.02 ug/L m
RT: 5.530 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion: 117 Resp: 4611
Ion Ratio Lower Upper
117 100
119 12.0 77.5 116.3#

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

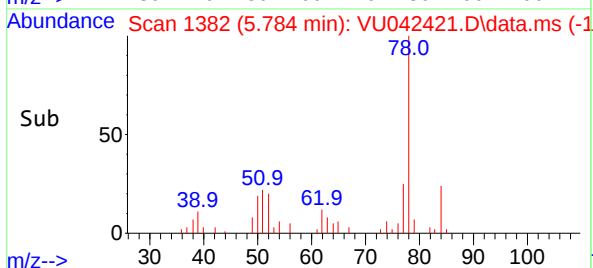
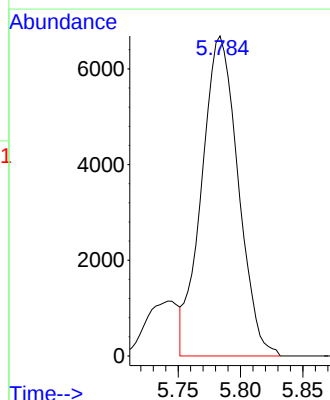
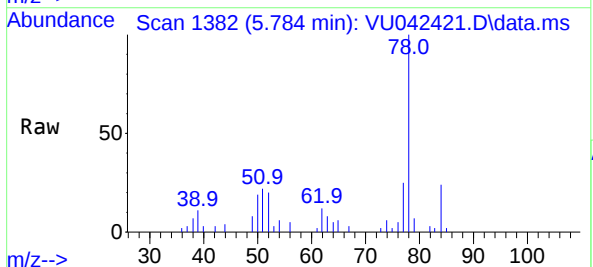
Manual Integrations
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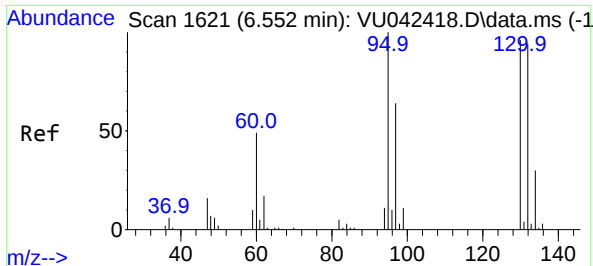
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#33
Benzene
Concen: 2.29 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion: 78 Resp: 13609





#34
Trichloroethene
Concen: 2.31 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

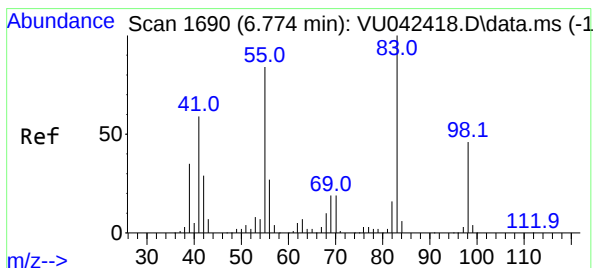
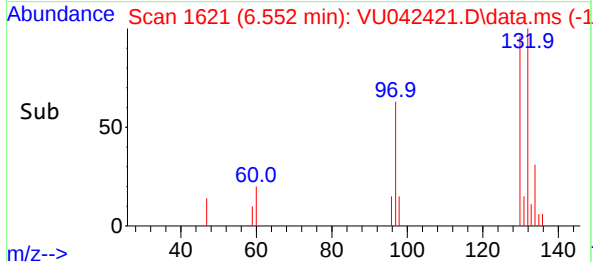
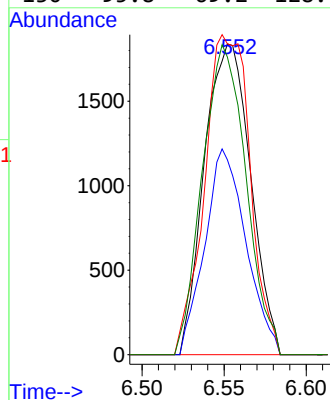
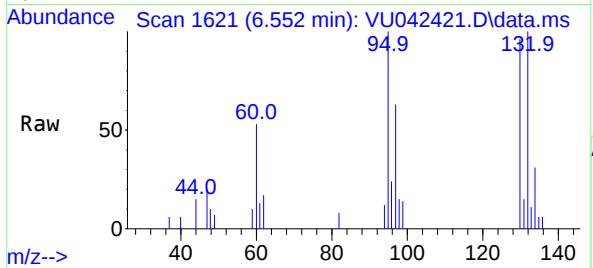
Tgt Ion: 95 Resp: 3594

Ion	Ratio	Lower	Upper
95	100		
97	62.7	45.3	84.1
132	100.1	67.5	125.4
130	95.8	69.2	128.4

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

Manual Integrations
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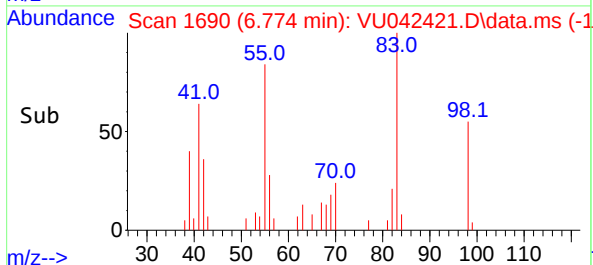
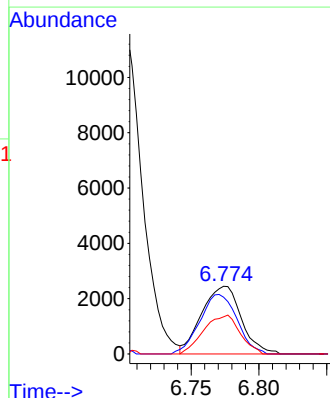
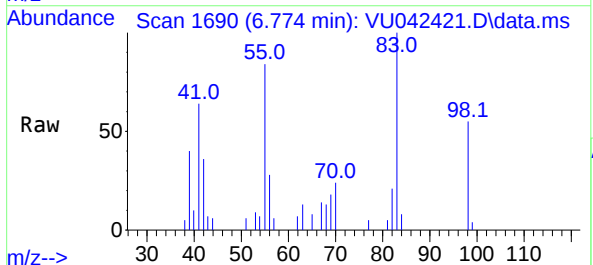
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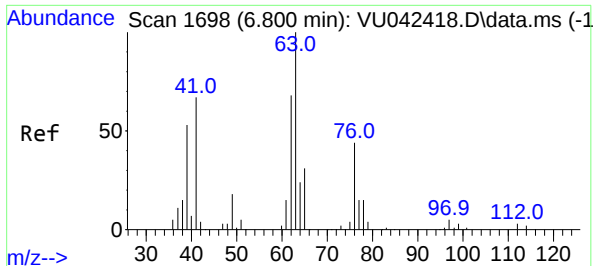


#35
Methylcyclohexane
Concen: 2.07 ug/L
RT: 6.774 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion: 83 Resp: 4968

Ion	Ratio	Lower	Upper
83	100		
55	82.6	68.6	102.8
98	52.7	37.6	56.4





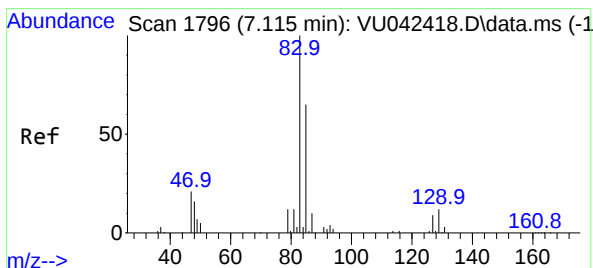
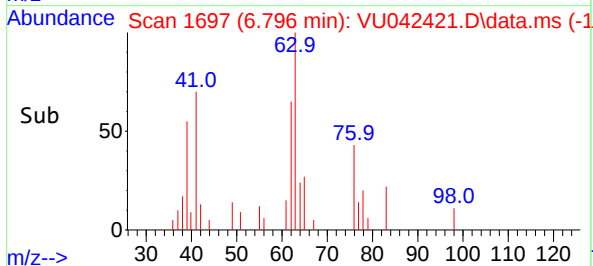
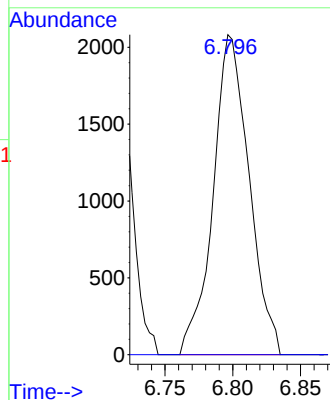
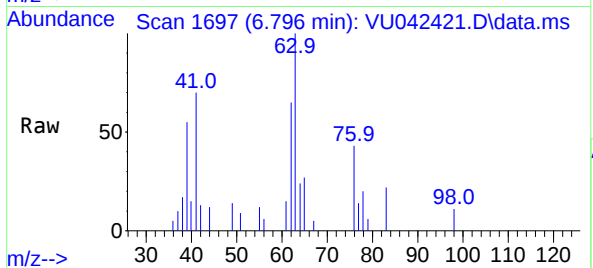
#37
1,2-Dichloropropane
Concen: 2.32 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. -0.003 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion: 63 Resp: 3849
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

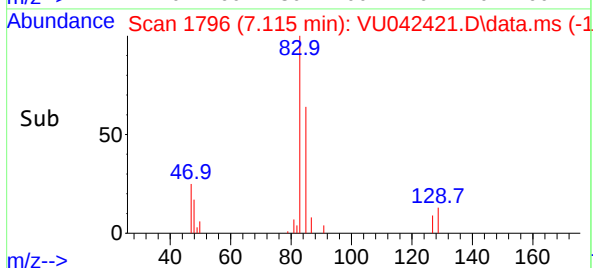
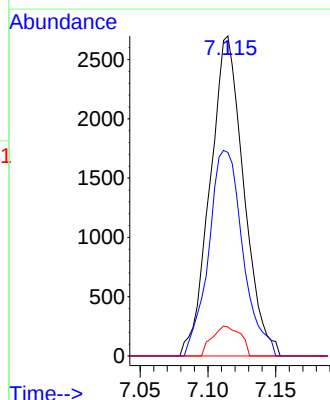
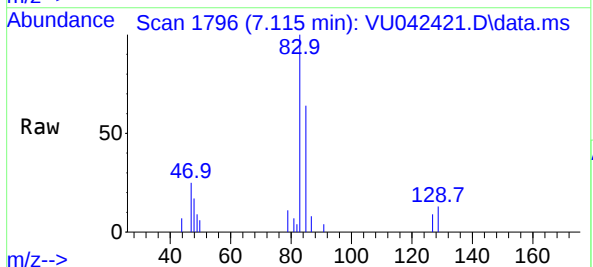
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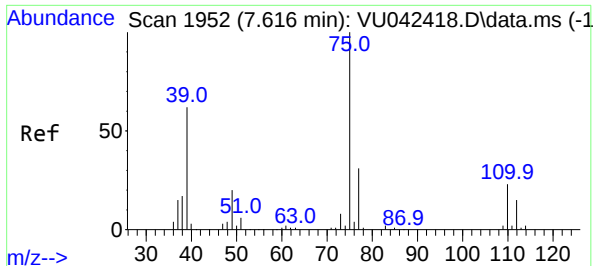
SAM
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#38
Bromodichloromethane
Concen: 2.09 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion: 83 Resp: 4658
Ion Ratio Lower Upper
83 100
85 63.6 43.8 81.4
127 9.0 6.8 10.2





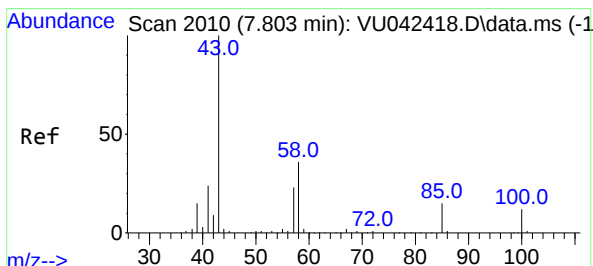
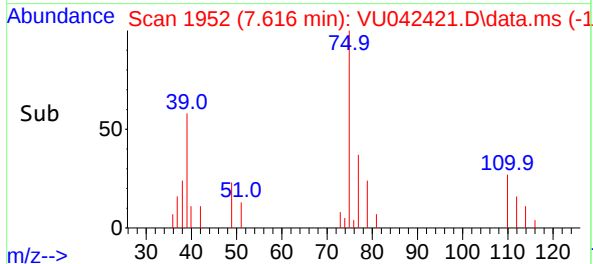
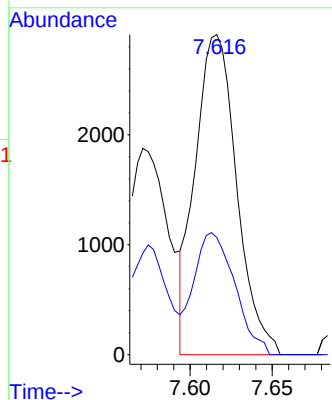
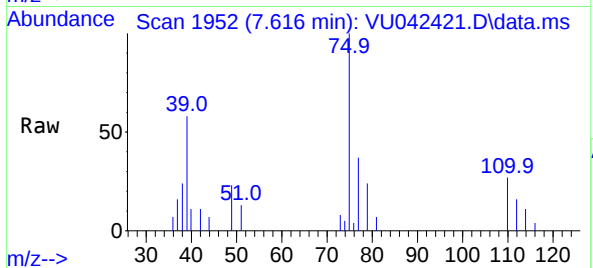
#39
cis-1,3-Dichloropropene
Concen: 1.98 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion: 75 Resp: 5113
Ion Ratio Lower Upper
75 100
77 36.6 21.7 40.3

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

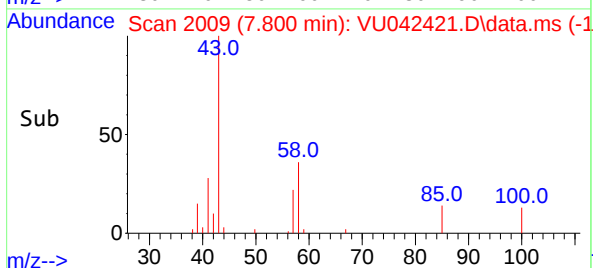
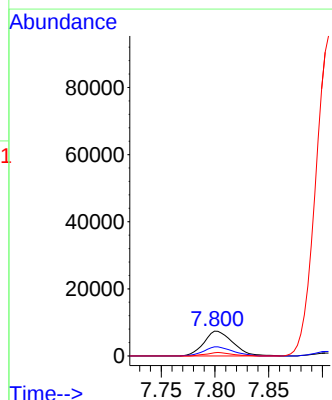
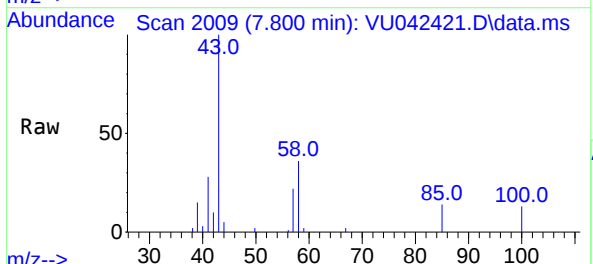
Manual Integrations
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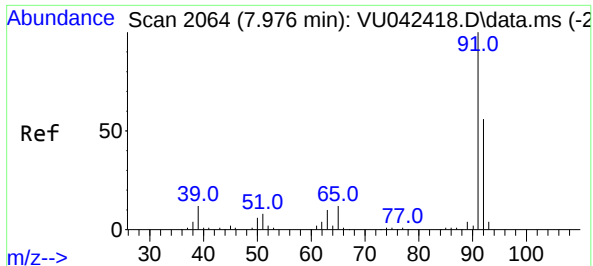
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#40
4-Methyl-2-pentanone
Concen: 4.25 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion: 43 Resp: 13957
Ion Ratio Lower Upper
43 100
58 36.5 28.7 43.1
100 12.2 9.7 14.5





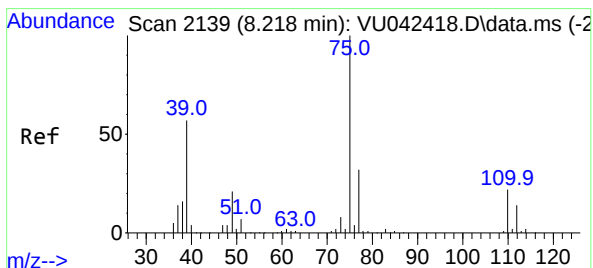
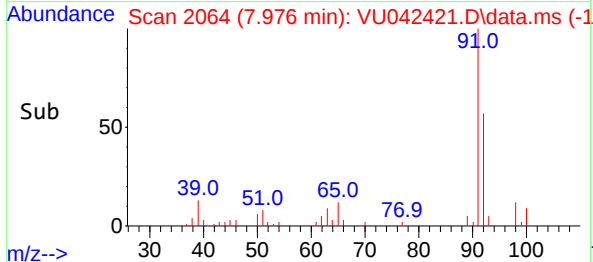
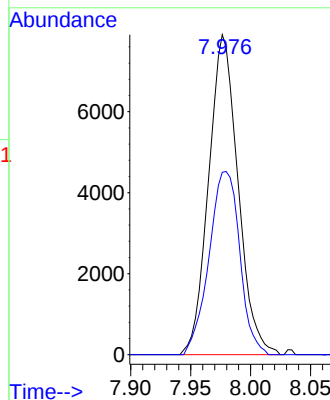
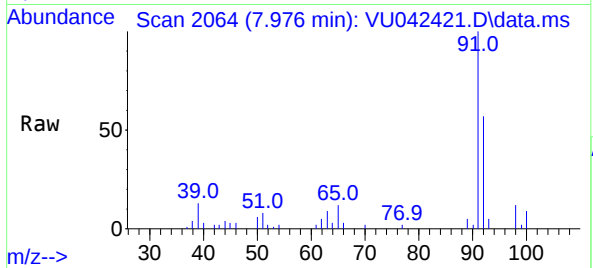
#42
Toluene
Concen: 2.12 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion: 91 Resp: 13468
Ion Ratio Lower Upper
91 100
92 57.0 40.3 74.8

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

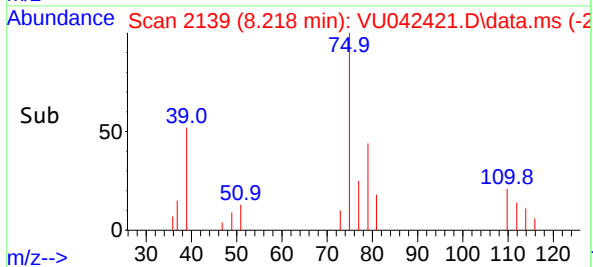
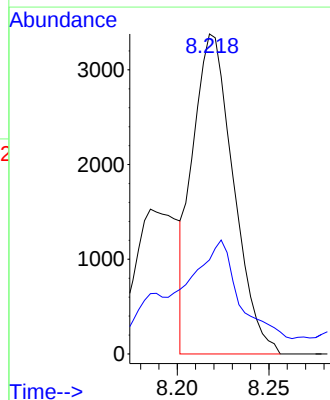
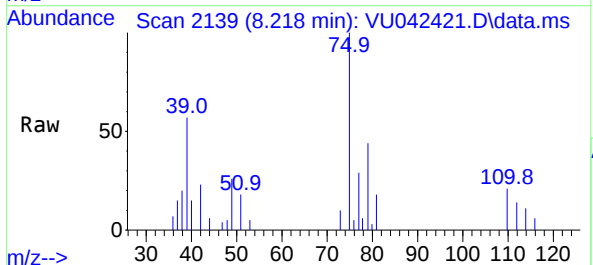
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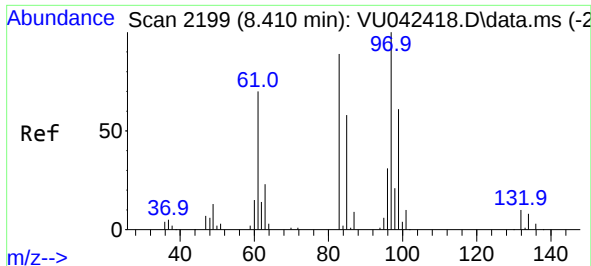
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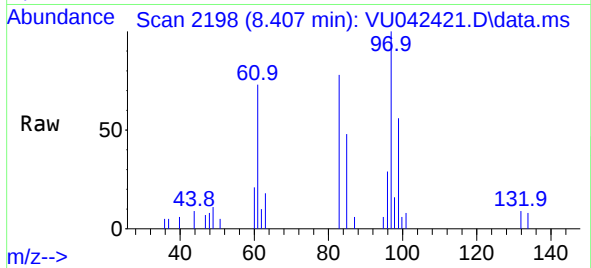
#44
trans-1,3-Dichloropropene
Concen: 2.04 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion: 75 Resp: 5212
Ion Ratio Lower Upper
75 100
77 29.4 21.6 40.2



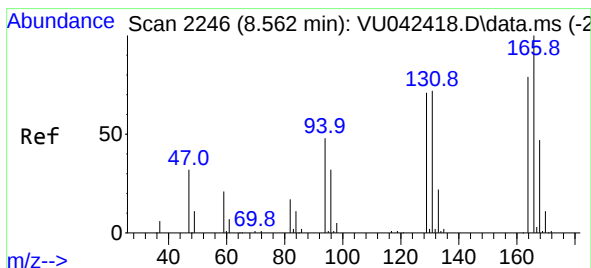
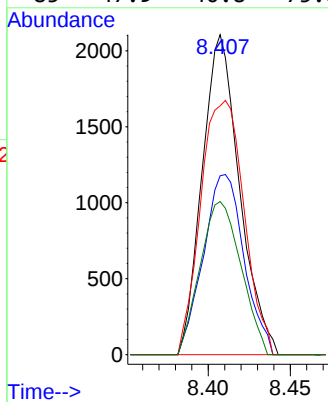
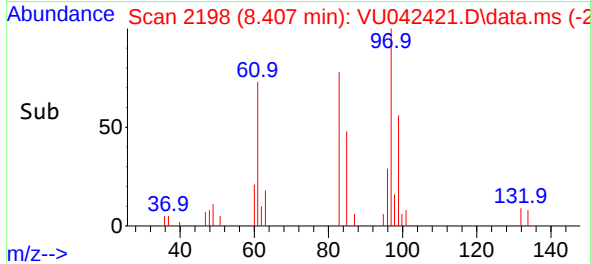


#45
1,1,2-Trichloroethane
Concen: 2.19 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.003 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

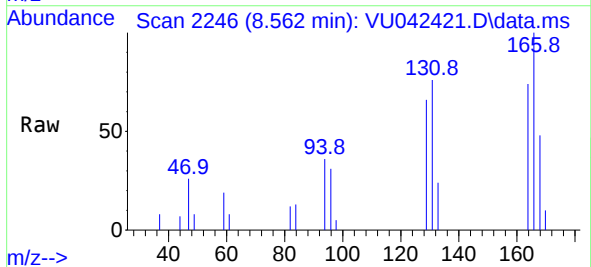


Tgt Ion: 97 Resp: 3331

Ion	Ratio	Lower	Upper
97	100		
99	55.9	43.7	81.1
83	77.8	61.7	114.7
85	47.9	40.8	75.8

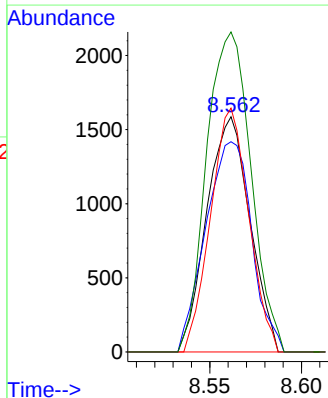
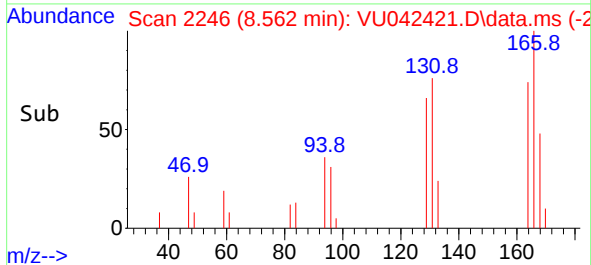


#46
Tetrachloroethene
Concen: 2.11 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15



Tgt Ion: 164 Resp: 2589

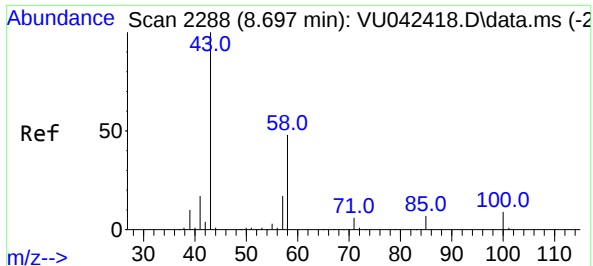
Ion	Ratio	Lower	Upper
164	100		
129	89.4	65.2	121.2
131	103.7	62.4	115.8
166	136.0	90.2	167.6



Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

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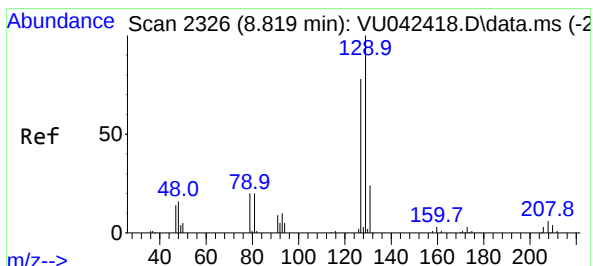
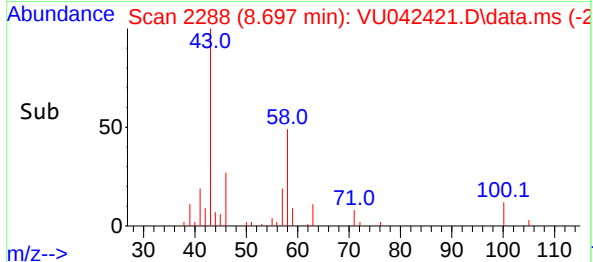
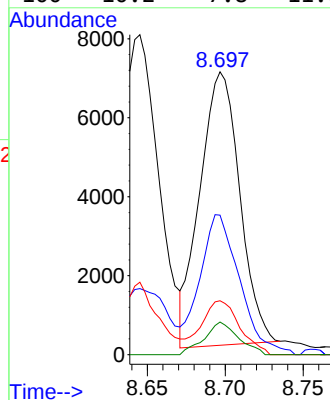
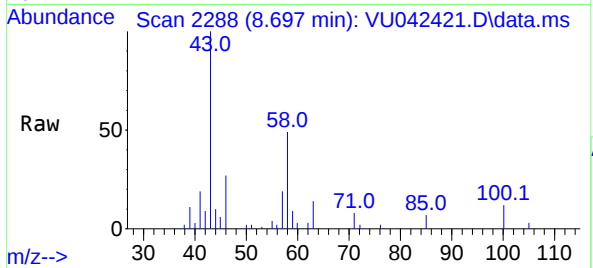
#48
2-Hexanone
Concen: 4.64 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion: 43	Resp: 12337
Ion Ratio	Lower Upper
43 100	
58 51.3	39.2 58.8
57 18.9	14.4 21.6
100 10.2	7.8 11.6

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

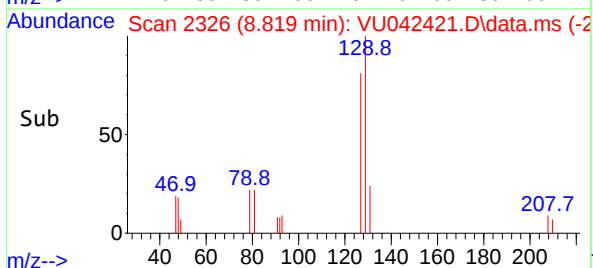
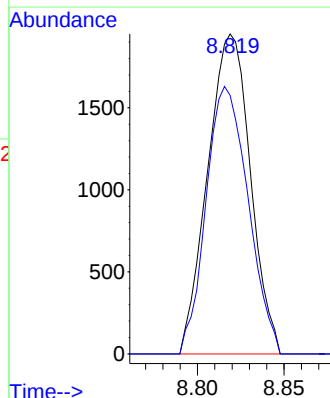
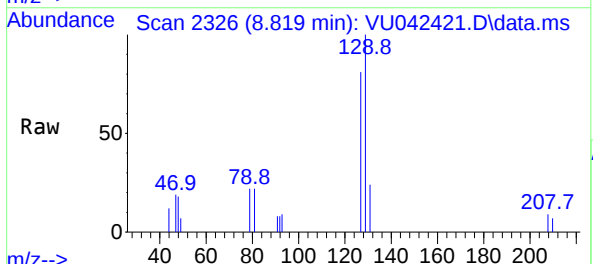
Manual Integrations
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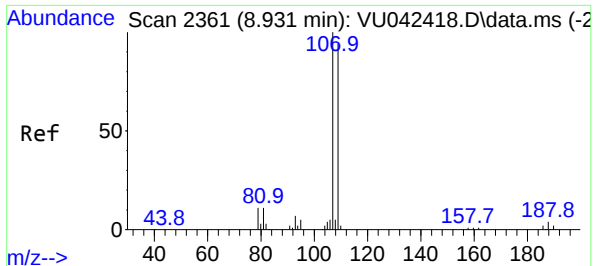
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#49
Dibromochloromethane
Concen: 1.89 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

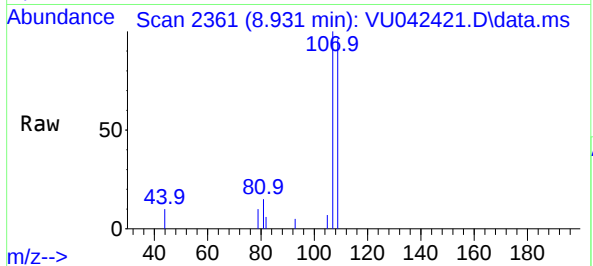
Tgt Ion:129	Resp:	3347	
Ion	Ratio	Lower	Upper
129	100		
127	80.8	54.7	101.7





#50
1,2-Dibromoethane
Concen: 2.06 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

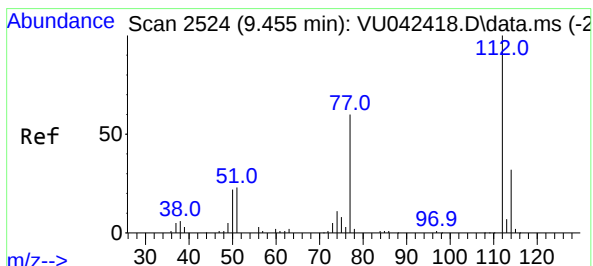
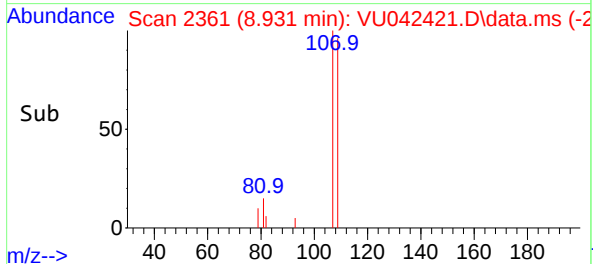
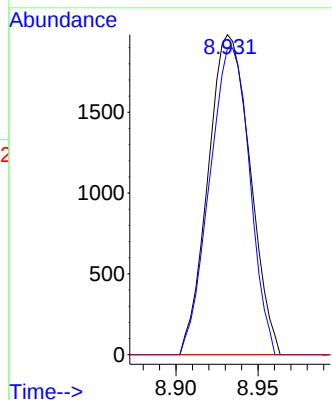
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04



Tgt Ion:107 Resp: 3524
Ion Ratio Lower Upper
107 100
109 95.7 65.7 121.9
188 0.0 3.4 5.0#

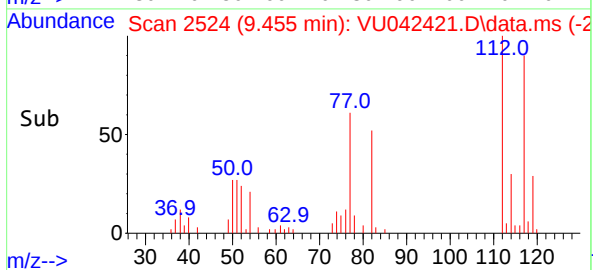
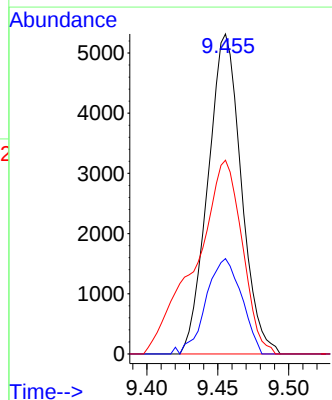
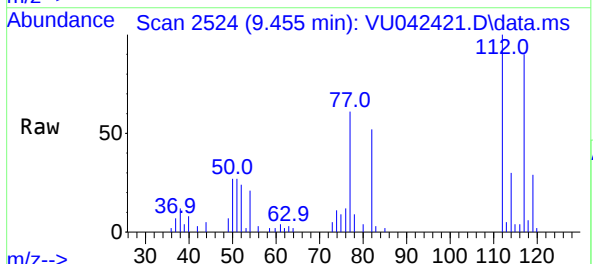
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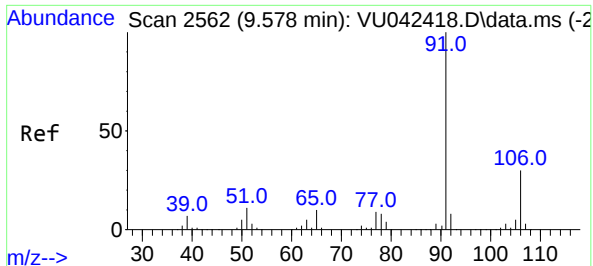
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#51
Chlorobenzene
Concen: 2.16 ug/L
RT: 9.455 min Scan# 2524
Delta R.T. -0.000 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion:112 Resp: 8685
Ion Ratio Lower Upper
112 100
114 29.8 22.7 42.1
77 60.5 49.4 74.2





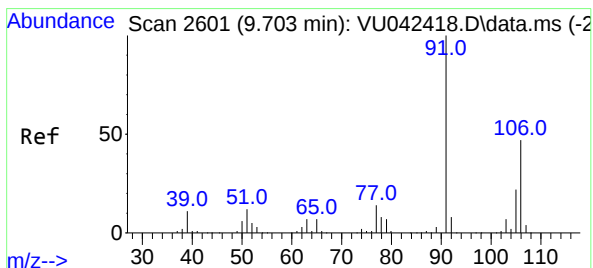
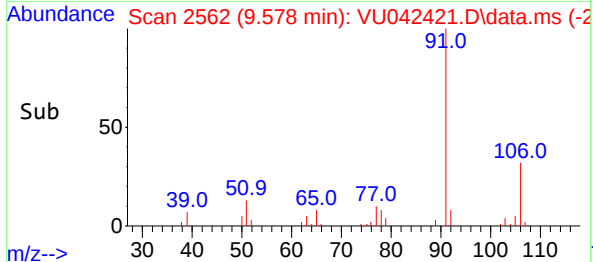
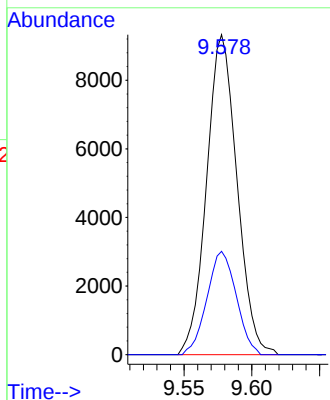
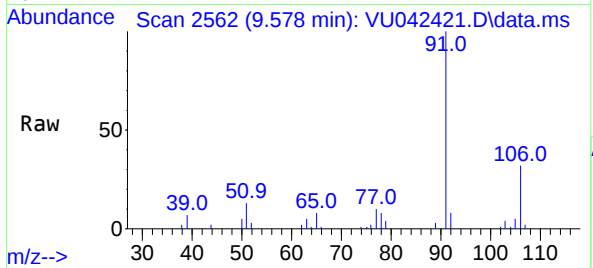
#52
Ethylbenzene
Concen: 2.06 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion: 91 Resp: 14532
Ion Ratio Lower Upper
91 100
106 34.4 20.8 38.6

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

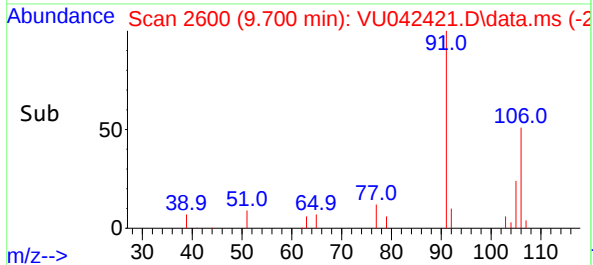
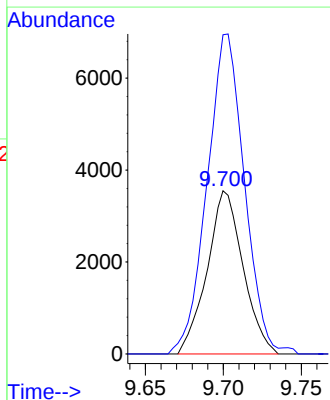
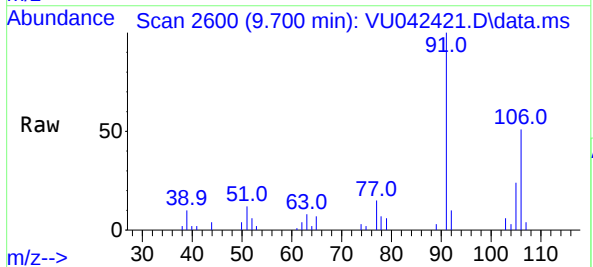
Manual Integrations
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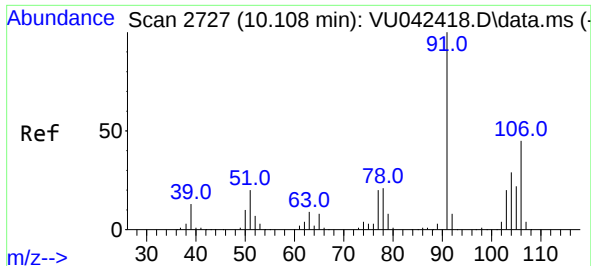
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#53
m,p-Xylene
Concen: 2.16 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion: 106 Resp: 5688
Ion Ratio Lower Upper
106 100
91 195.6 149.7 277.9





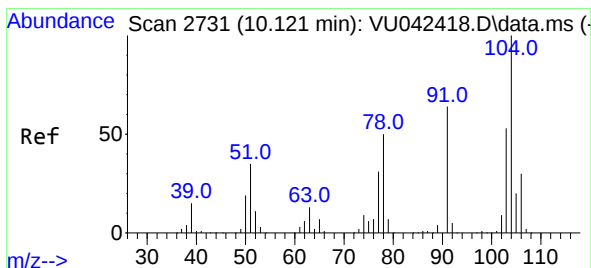
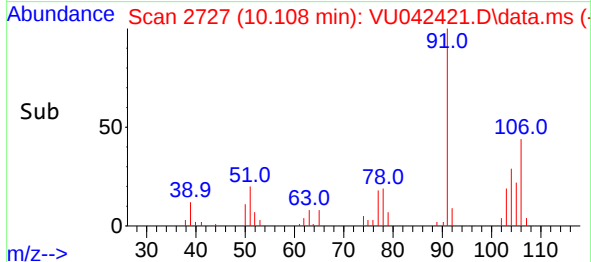
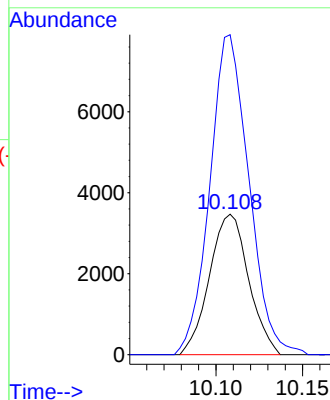
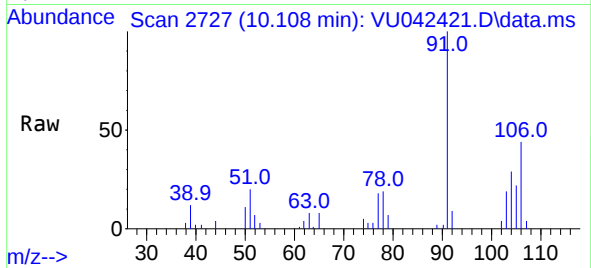
#54
o-xylene
Concen: 2.09 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion:106 Resp: 5460
Ion Ratio Lower Upper
106 100
91 227.6 157.4 292.2

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

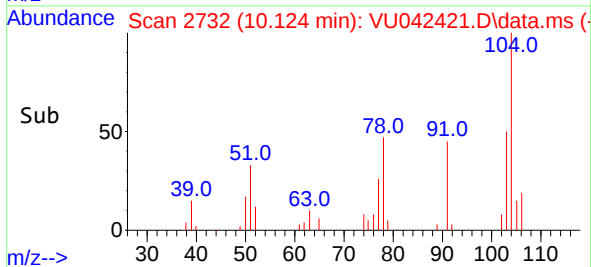
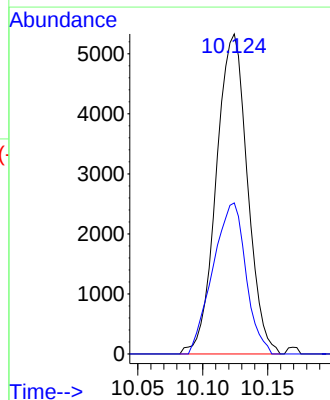
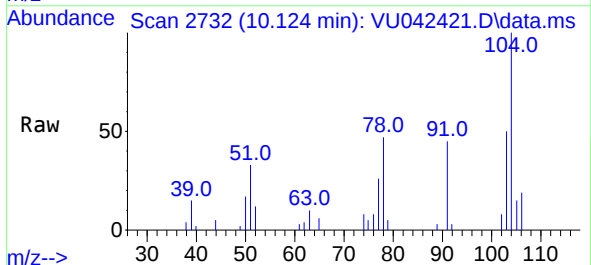
Manual Integrations
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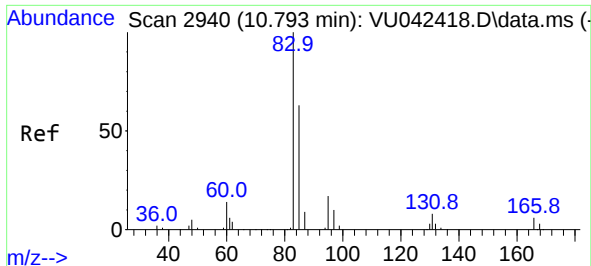
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#55
Styrene
Concen: 1.98 ug/L
RT: 10.124 min Scan# 2732
Delta R.T. 0.003 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion:104 Resp: 8876
Ion Ratio Lower Upper
104 100
78 47.2 34.4 64.0





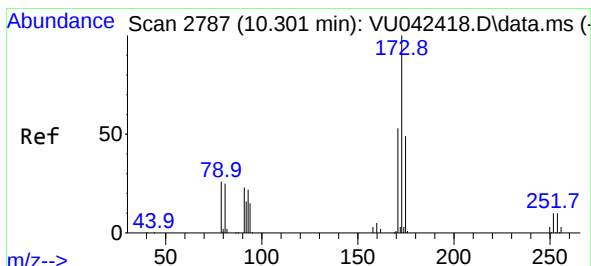
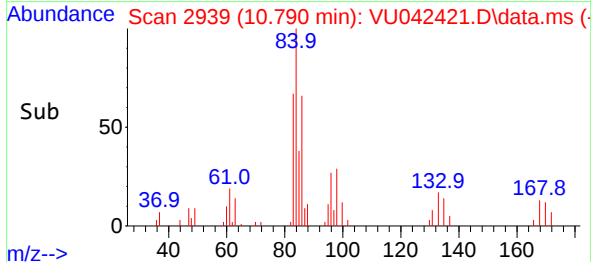
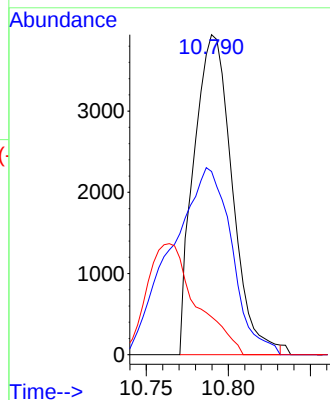
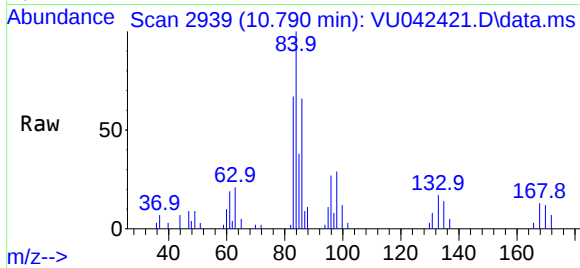
#57
1,1,2,2-Tetrachloroethane
Concen: 2.30 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.003 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion:	83	Resp:	6372
Ion	Ratio	Lower	Upper
83	100		
85	57.3	45.4	84.2
131	11.8	8.1	12.1

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

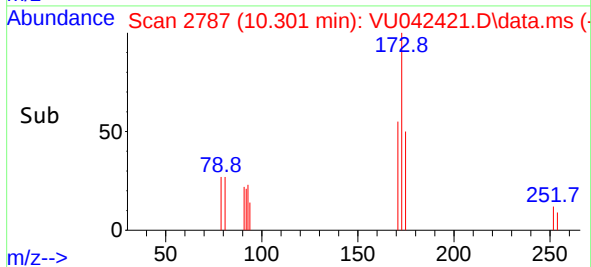
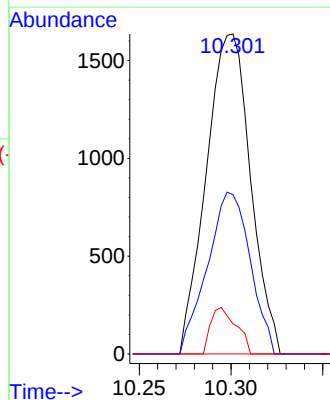
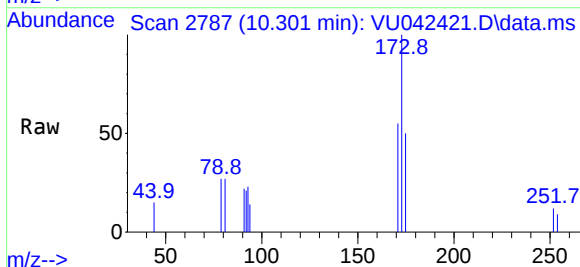
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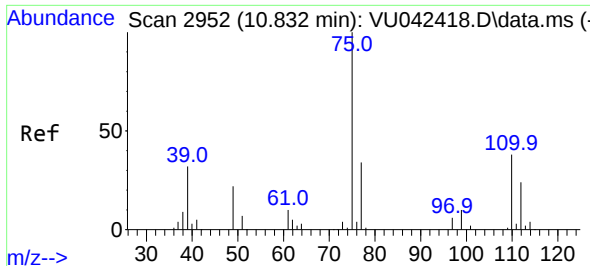
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#59
Bromoform
Concen: 1.98 ug/L
RT: 10.301 min Scan# 2787
Delta R.T. -0.000 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion:	173	Resp:	2745
Ion	Ratio	Lower	Upper
173	100		
175	48.8	39.0	58.4
254	8.4	7.4	11.0





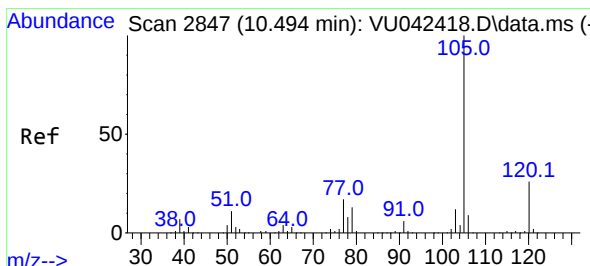
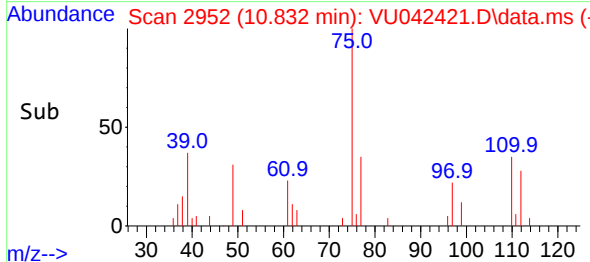
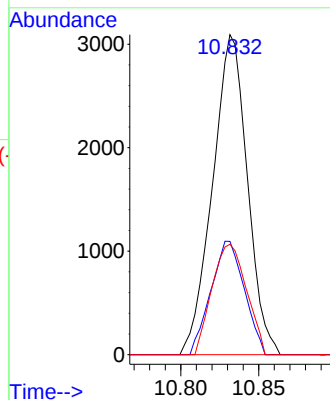
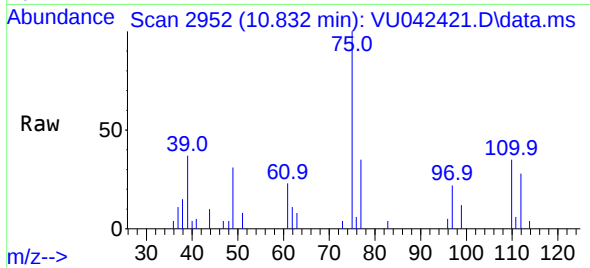
#60
1,2,3-Trichloropropane
Concen: 2.21 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion:	75	Resp:	4806
Ion	Ratio	Lower	Upper
75	100		
77	34.0	25.4	38.2
110	34.2	30.3	45.5

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

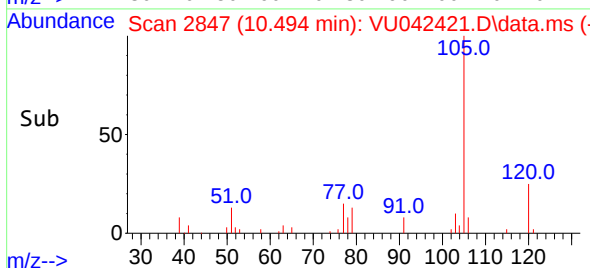
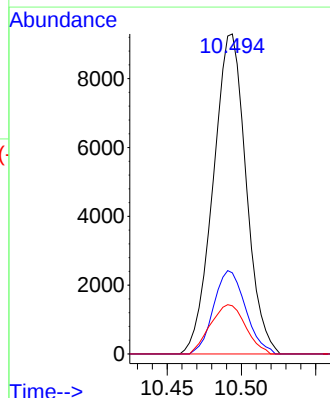
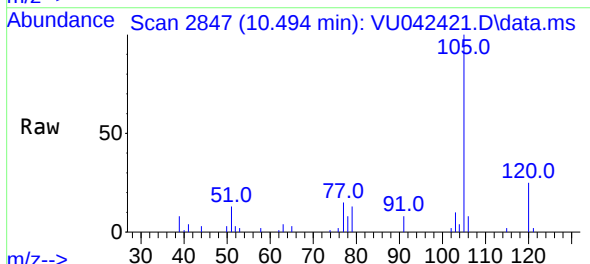
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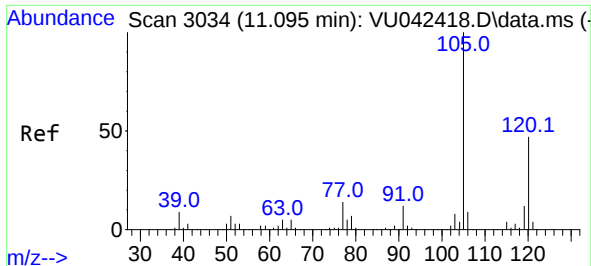
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#61
Isopropylbenzene
Concen: 2.18 ug/L
RT: 10.494 min Scan# 2847
Delta R.T. -0.000 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion:	105	Resp:	14316
Ion	Ratio	Lower	Upper
105	100		
120	25.3	20.5	30.7
77	16.5	13.6	20.4





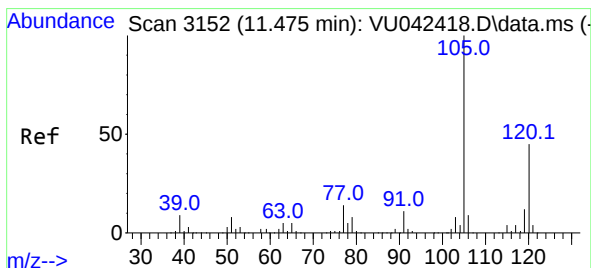
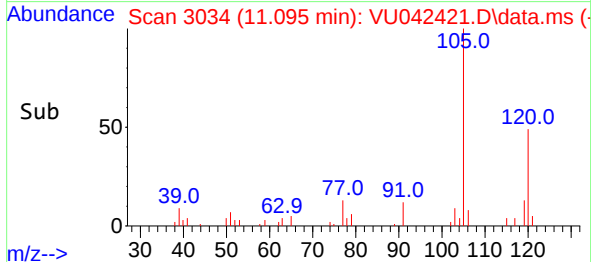
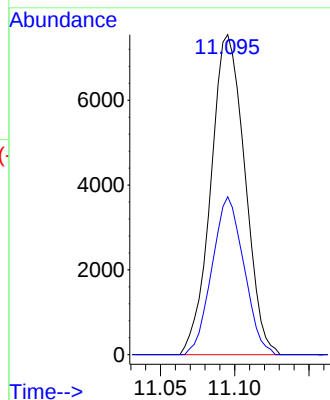
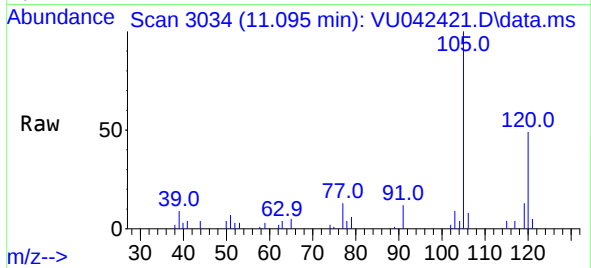
#62
1,3,5-Trimethylbenzene
Concen: 2.11 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion:105 Resp: 12028
Ion Ratio Lower Upper
105 100
120 46.3 37.2 55.8

Instrument :
MSVOA_U
ClientSampleId :
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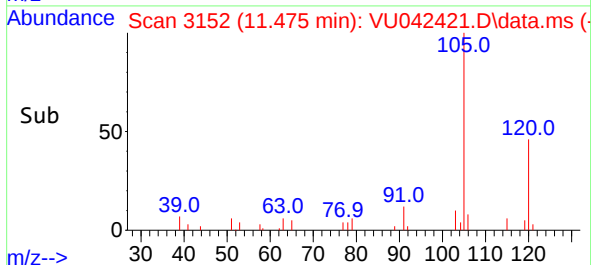
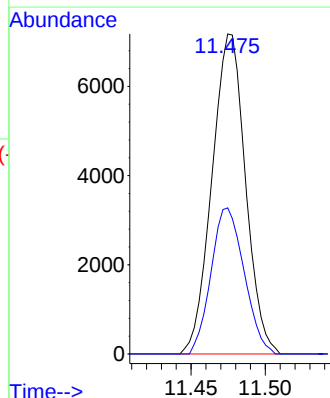
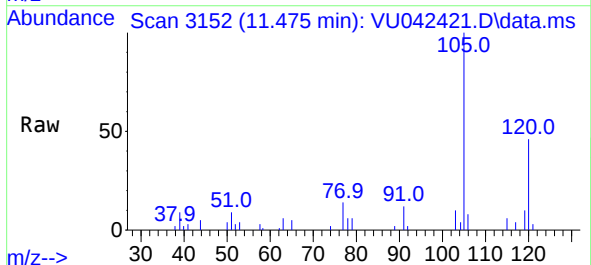
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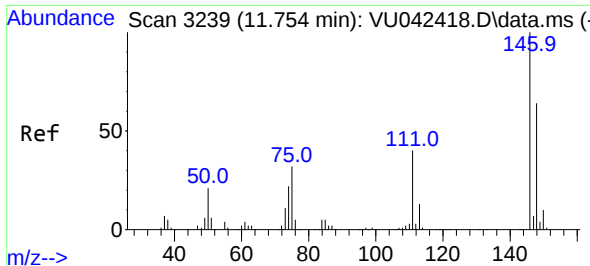
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#63
1,2,4-Trimethylbenzene
Concen: 1.96 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion:105 Resp: 11266
Ion Ratio Lower Upper
105 100
120 45.0 35.2 52.8





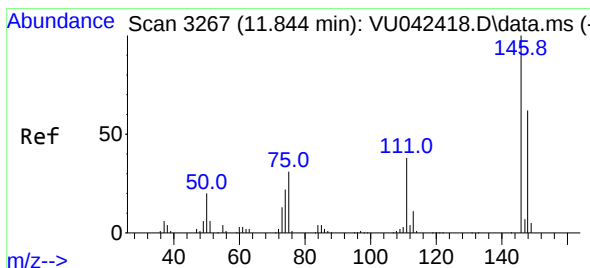
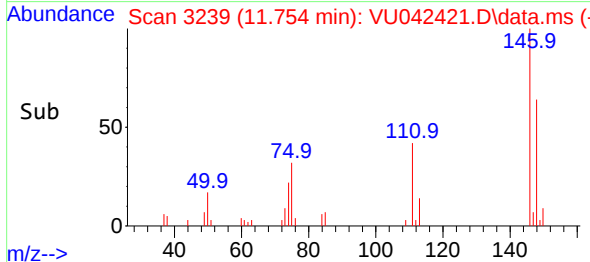
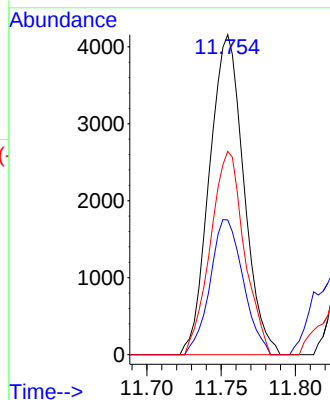
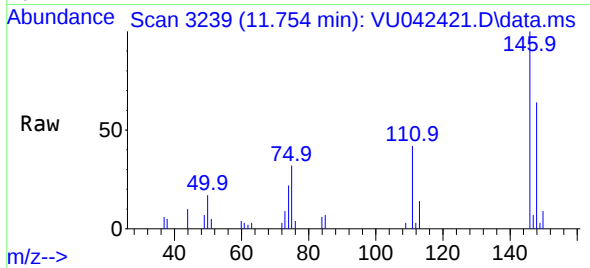
#64
1,3-Dichlorobenzene
Concen: 2.15 ug/L
RT: 11.754 min Scan# 3239
Delta R.T. -0.000 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion:146 Resp: 6670
Ion Ratio Lower Upper
146 100
111 42.1 27.6 51.2
148 63.5 45.4 84.2

Instrument :
MSVOA_U
ClientSampleId :
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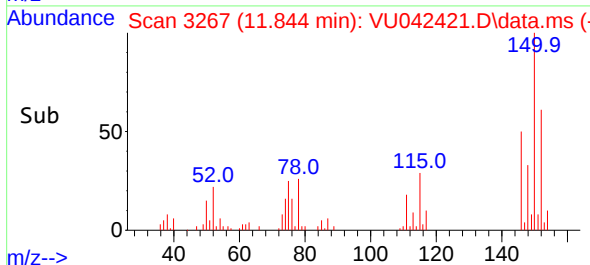
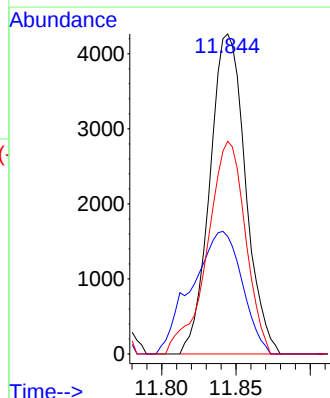
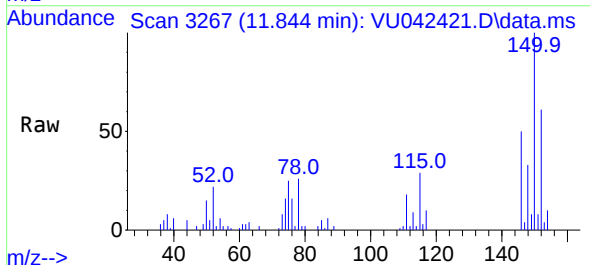
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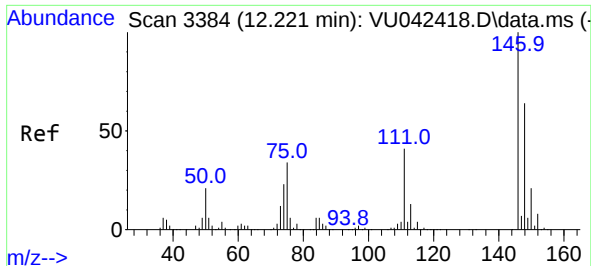
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#65
1,4-Dichlorobenzene
Concen: 2.25 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. -0.000 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion:146 Resp: 7100
Ion Ratio Lower Upper
146 100
111 36.7 26.6 49.4
148 66.5 44.6 82.8





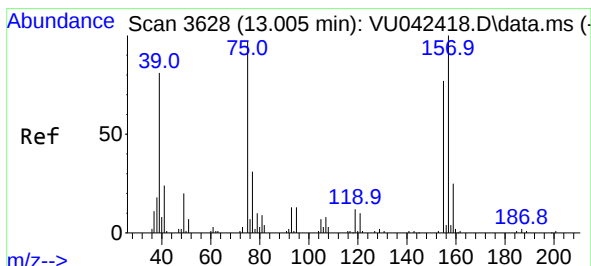
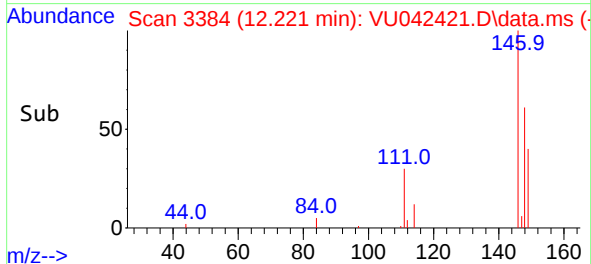
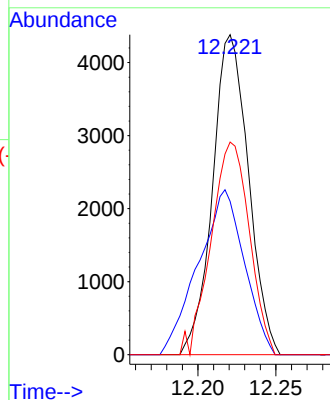
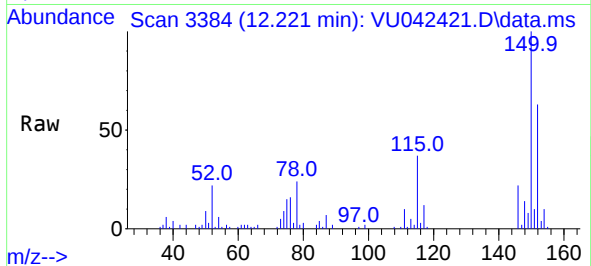
#67
1,2-Dichlorobenzene
Concen: 2.20 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion:146 Resp: 7016
Ion Ratio Lower Upper
146 100
111 47.9 31.9 47.9#
148 66.4 50.2 75.4

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

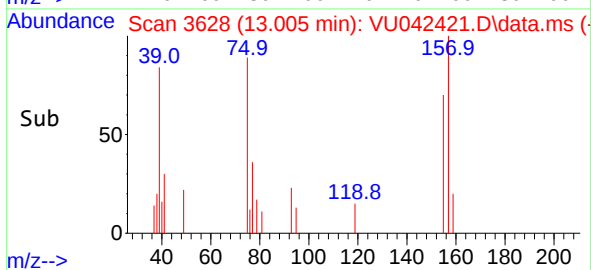
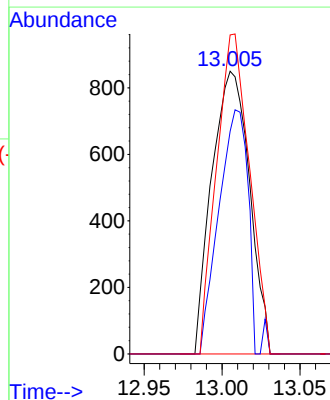
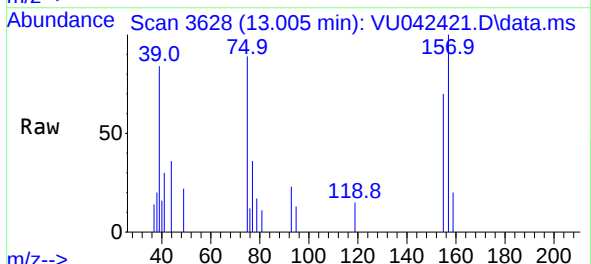
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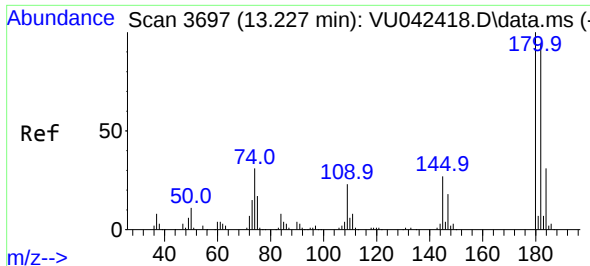
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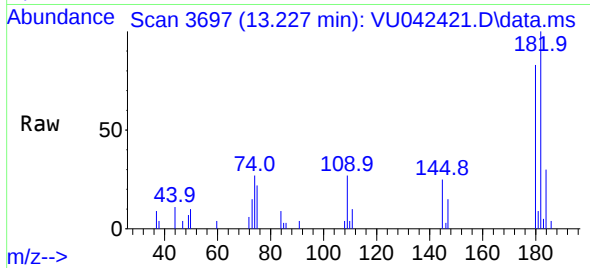
#68
1,2-Dibromo-3-chloropropane
Concen: 1.97 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. -0.000 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Tgt Ion: 75 Resp: 1431
Ion Ratio Lower Upper
75 100
155 78.7 65.2 97.8
157 112.8 82.7 124.1

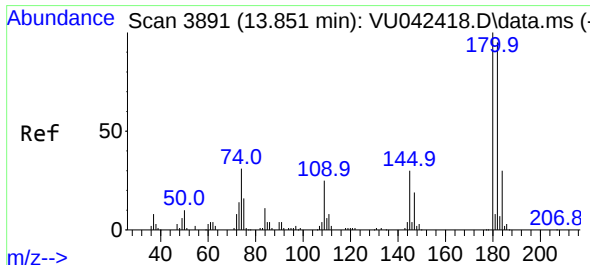
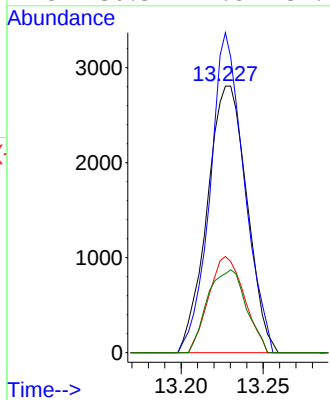
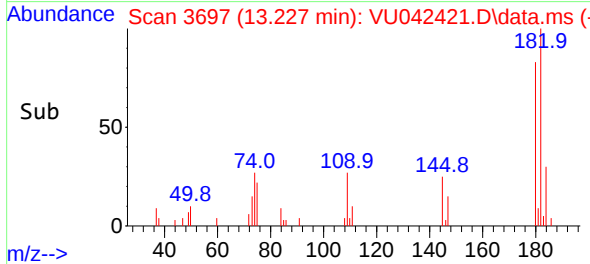




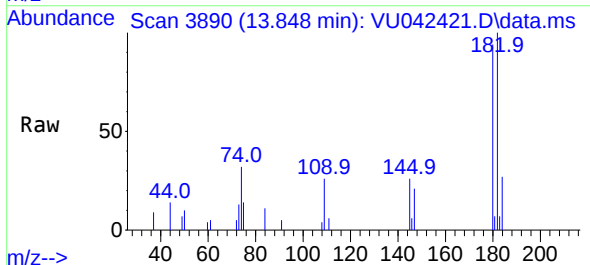
#69
1,3,5-Trichlorobenzene
Concen: 1.97 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. -0.000 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15



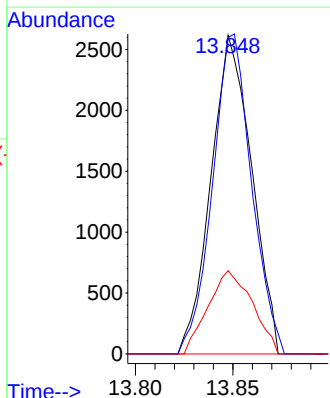
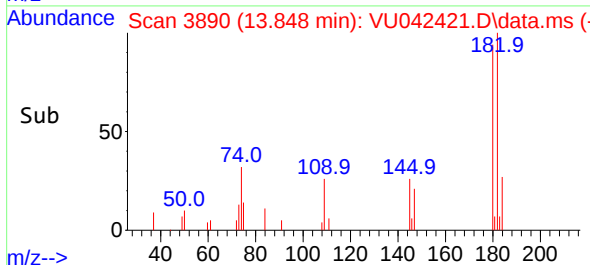
Tgt Ion:180 Resp: 4719
Ion Ratio Lower Upper
180 100
182 102.8 76.8 115.2
184 32.4 24.1 36.1
145 30.3 22.8 34.2



#70
1,2,4-trichlorobenzene
Concen: 1.89 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. -0.003 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15



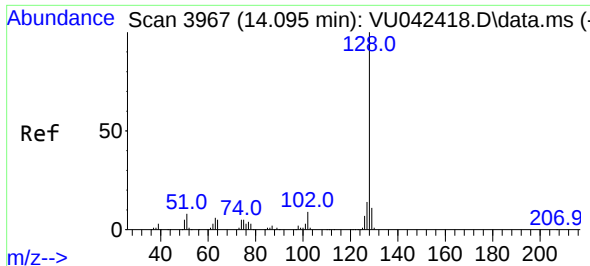
Tgt Ion:180 Resp: 3795
Ion Ratio Lower Upper
180 100
182 96.3 77.2 115.8
145 28.4 23.7 35.5



Instrument :
MSVOA_U
ClientSampleId :
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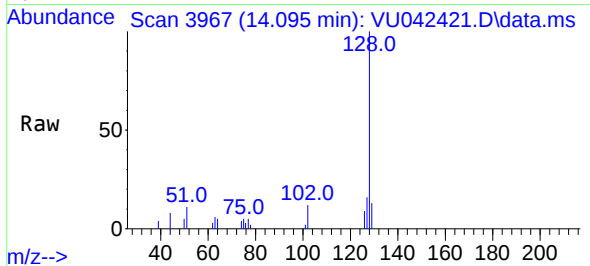
Manual Integrations
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#71
Naphthalene
Concen: 1.54 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

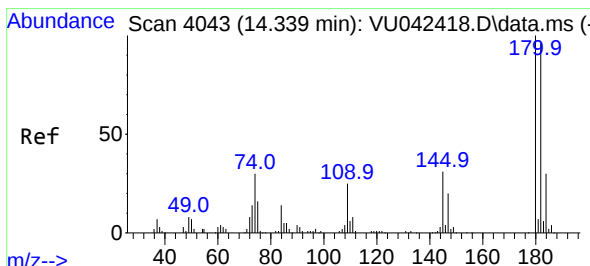
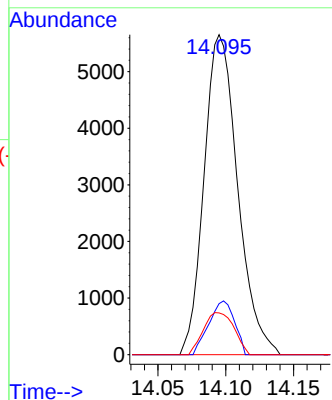


Tgt Ion:128 Resp: 9747

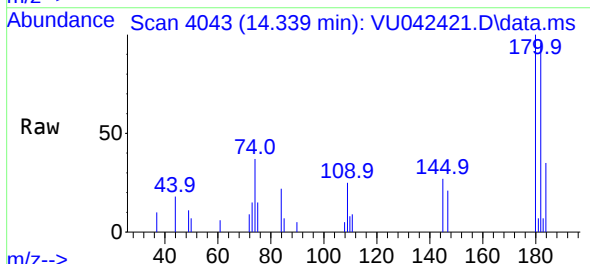
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.8	16.2
129	12.0	8.7	13.1

Manual Integrations
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#72
1,2,3-Trichlorobenzene
Concen: 1.82 ug/L
RT: 14.339 min Scan# 4043
Delta R.T. -0.000 min
Lab File: VU042421.D
Acq: 24 Feb 2021 11:15



Tgt Ion:180 Resp: 3715

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.2	114.2
145	27.6	24.6	37.0

