

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022721\
 Data File : VU042450.D
 Acq On : 26 Feb 2021 16:11
 Operator : SY/MD
 Sample : M1344-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2021-03

Manual Integrations
 APPROVED

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 3/3/2021 3:46:24 PM

Quant Time: Feb 27 00:34:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022621WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 27 00:17:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	94166	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	91323	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	48838	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	21042	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.919	69	22209	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.571	65	13674	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.40%
20) 2-Butanone-d5	4.652	46	113743	50.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.96%
24) Chloroform-d	5.073	84	59569	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.713	65	38688	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.735	84	110787	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.700	67	36459	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.906	98	101021	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloroprop...	8.189	79	13455	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.648	63	77847	47.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.62%
56) 1,1,2,2-Tetrachloroeth...	10.767	84	30930	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	42812	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	2428	0.25	ug/L	97
3) Chloromethane	1.523	50	2479	0.29	ug/L	95
5) Vinyl chloride	1.607	62	2353	0.28	ug/L #	72
6) Bromomethane	1.864	94	1334	0.26	ug/L	92
8) Chloroethane	1.938	64	1470	0.29	ug/L	99
9) Trichlorofluoromethane	2.144	101	3461	0.25	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	2271	0.31	ug/L #	86
12) 1,1-Dichloroethene	2.591	96	1984	0.30	ug/L #	1
13) Acetone	2.674	43	3668m	2.63	ug/L	
14) Carbon disulfide	2.803	76	6027	0.28	ug/L	97
15) Methyl Acetate	2.970	43	979	0.30	ug/L #	54
16) Methylene chloride	3.051	84	2822	0.36	ug/L	86
17) Methyl tert-butyl Ether	3.375	73	4877	0.26	ug/L	98
18) trans-1,2-Dichloroethene	3.366	96	1864	0.27	ug/L	89
19) 1,1-Dichloroethane	3.880	63	3252	0.24	ug/L #	89
21) 2-Butanone	4.732	43	6017	2.41	ug/L #	64
22) cis-1,2-Dichloroethene	4.677	96	1912	0.25	ug/L	84
23) Bromochloromethane	4.986	128	863	0.24	ug/L	96
25) Chloroform	5.099	83	4306	0.30	ug/L	94

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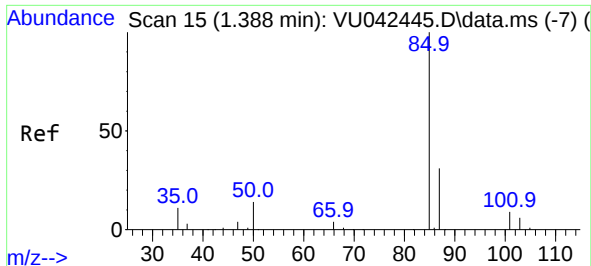
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Quant Time: Feb 27 00:34:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022621WMA.M
 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.809	62	2858	0.27	ug/L #	90
29) 1,1,1-Trichloroethane	5.324	97	2993	0.23	ug/L	96
30) Cyclohexane	5.401	56	3154	0.24	ug/L	91
31) Carbon tetrachloride	5.539	117	2783	0.25	ug/L	98
33) Benzene	5.784	78	7203	0.24	ug/L	100
34) Trichloroethene	6.552	95	1894	0.23	ug/L	86
35) Methylcyclohexane	6.767	83	3215	0.26	ug/L	96
37) 1,2-Dichloropropane	6.800	63	2129	0.27	ug/L #	90
38) Bromodichloromethane	7.118	83	2242	0.22	ug/L #	98
39) cis-1,3-Dichloropropene	7.619	75	2826	0.25	ug/L	92
40) 4-Methyl-2-pentanone	7.806	43	17055	2.59	ug/L	97
42) Toluene	7.980	91	8231	0.26	ug/L	99
44) trans-1,3-Dichloropropene	8.221	75	3174	0.31	ug/L	92
45) 1,1,2-Trichloroethane	8.407	97	1435	0.25	ug/L	85
47) Tetrachloroethene	8.558	164	1562	0.24	ug/L	92
48) 2-Hexanone	8.700	43	14557	3.05	ug/L	93
49) Dibromochloromethane	8.819	129	1714	0.24	ug/L	93
50) 1,2-Dibromoethane	8.934	107	1402	0.24	ug/L #	93
51) Chlorobenzene	9.455	112	5242	0.26	ug/L	98
52) Ethylbenzene	9.578	91	8931	0.25	ug/L	100
53) m,p-Xylene	9.700	106	3230	0.24	ug/L	90
54) o-Xylene	10.108	106	3304	0.26	ug/L	85
55) Styrene	10.121	104	4660	0.21	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.793	83	1981	0.27	ug/L #	99
59) Bromoform	10.295	173	840	0.20	ug/L #	96
60) Isopropylbenzene	10.491	105	8443	0.25	ug/L	95
61) 1,2,3-Trichloropropane	10.832	75	1390	0.26	ug/L	89
62) 1,3,5-Trimethylbenzene	11.095	105	6904	0.24	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	7129	0.25	ug/L	99
64) 1,3-Dichlorobenzene	11.754	146	4524	0.28	ug/L	95
65) 1,4-Dichlorobenzene	11.848	146	4543	0.28	ug/L	94
67) 1,2-Dichlorobenzene	12.224	146	4363	0.28	ug/L	94
68) 1,2-Dibromo-3-chloropr...	13.012	75	273	0.22	ug/L	84
69) 1,3,5-Trichlorobenzene	13.227	180	3862	0.29	ug/L	95
70) 1,2,4-trichlorobenzene	13.851	180	3005	0.29	ug/L	97
71) Naphthalene	14.098	128	3288	0.21	ug/L #	93
72) 1,2,3-Trichlorobenzene	14.343	180	2618	0.28	ug/L	96

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



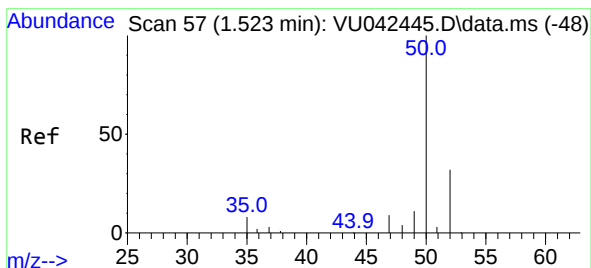
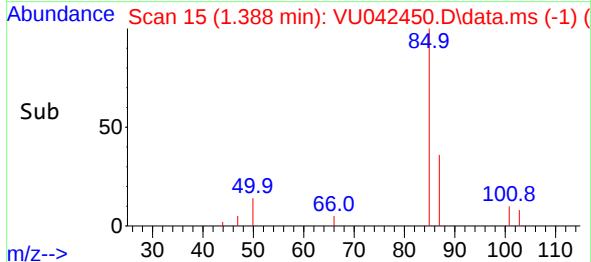
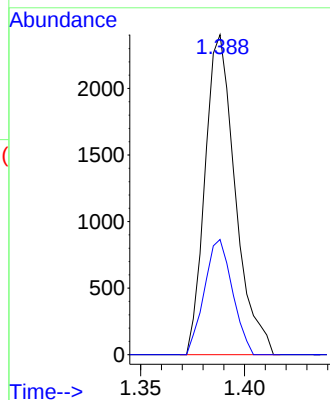
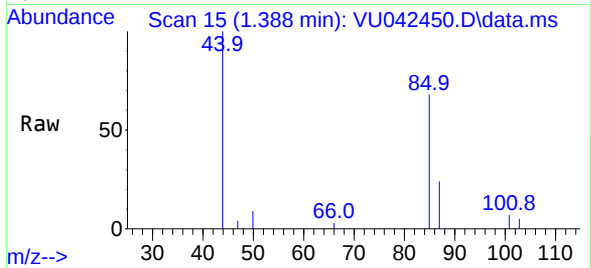
#2
Dichlorodifluoromethane
Concen: 0.25 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11

Tgt Ion: 85 Resp: 2428
Ion Ratio Lower Upper
85 100
87 33.4 25.5 38.3

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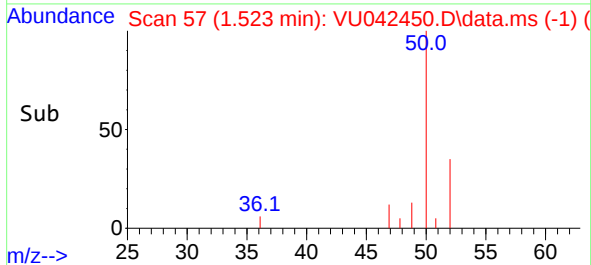
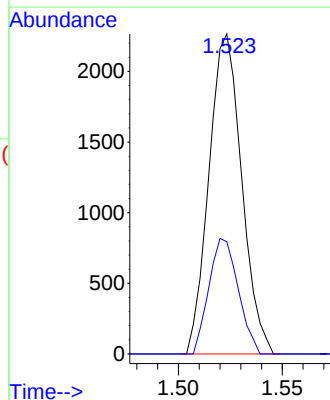
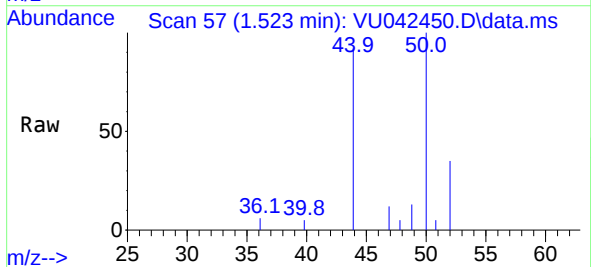
Manual Integrations
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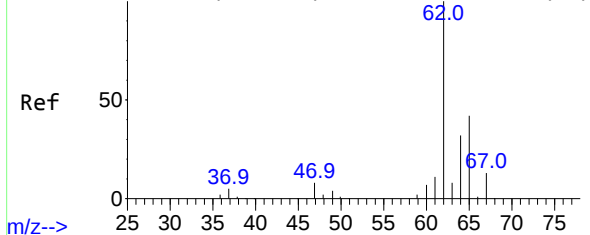


#3
Chloromethane
Concen: 0.29 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11

Tgt Ion: 50 Resp: 2479
Ion Ratio Lower Upper
50 100
52 35.1 22.5 41.9



Abundance Scan 83 (1.607 min): VU042445.D\data.ms (-74)



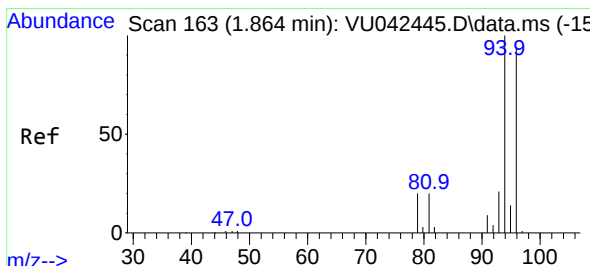
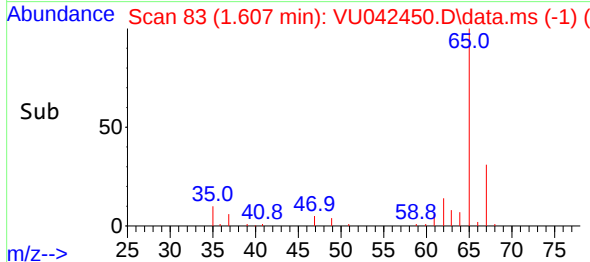
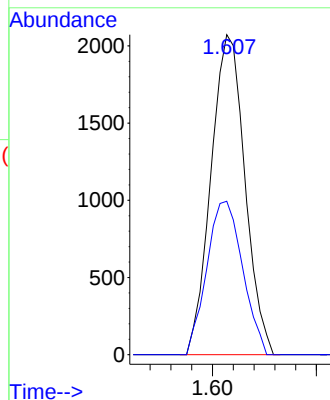
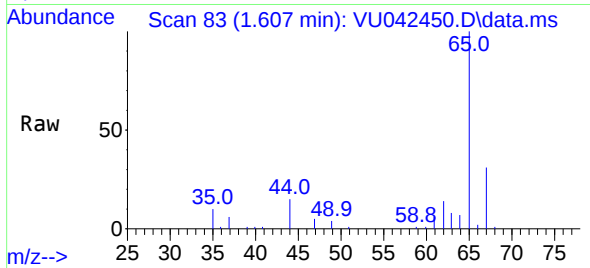
#5
Vinyl chloride
Concen: 0.28 ug/L
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11

Tgt Ion: 62 Resp: 2353
Ion Ratio Lower Upper
62 100
64 47.9 22.5 41.9#

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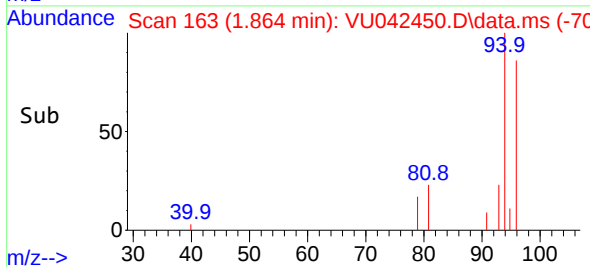
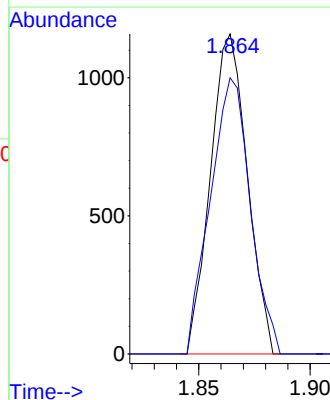
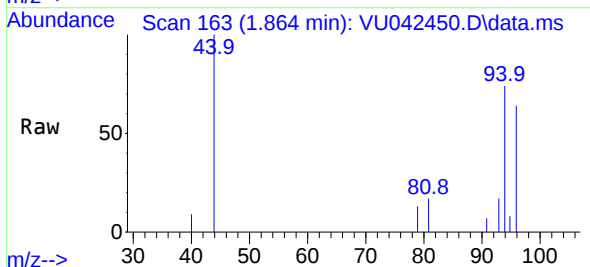
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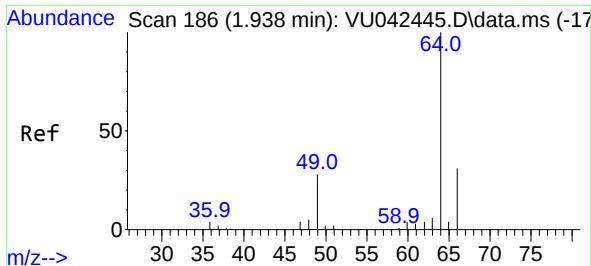
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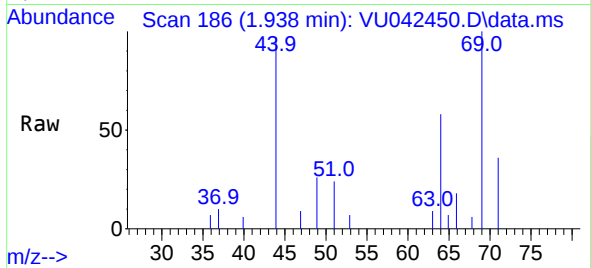
#6
Bromomethane
Concen: 0.26 ug/L
RT: 1.864 min Scan# 163
Delta R.T. -0.000 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11

Tgt Ion: 94 Resp: 1334
Ion Ratio Lower Upper
94 100
96 86.3 65.7 122.1

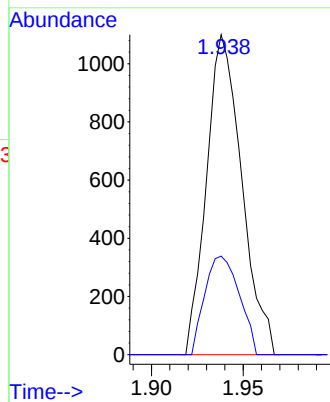
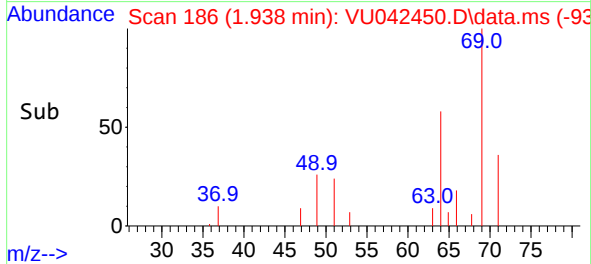




#8
Chloroethane
Concen: 0.29 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11



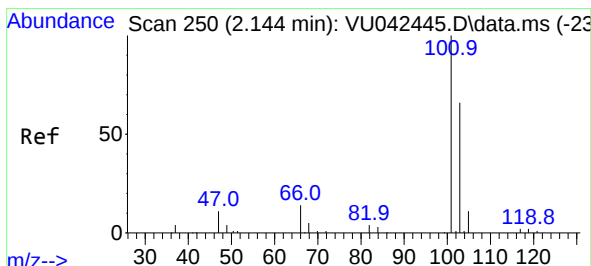
Tgt Ion: 64 Resp: 1470
Ion Ratio Lower Upper
64 100
66 30.8 21.8 40.6



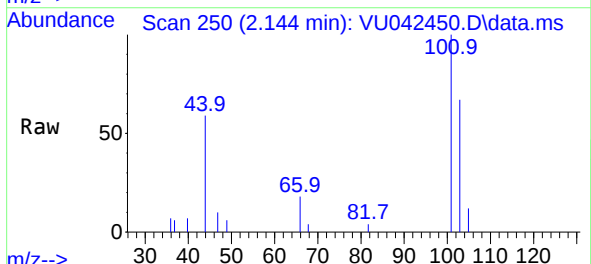
Instrument :
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ClientSampleId :
MDL-WATER-QT2-2021-03

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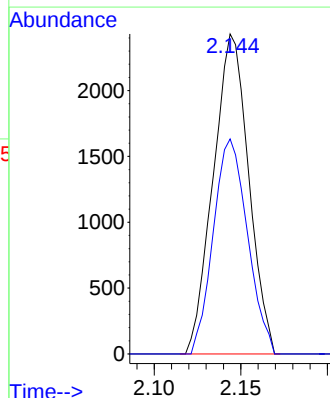
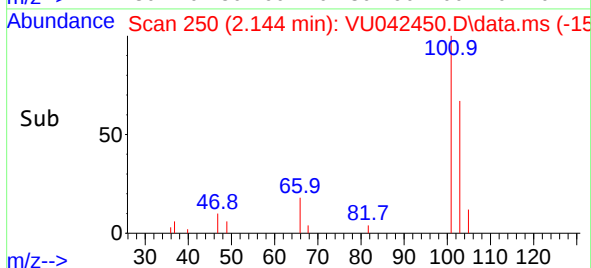
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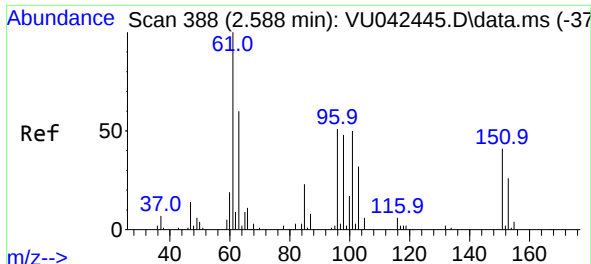


#9
Trichlorofluoromethane
Concen: 0.25 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11



Tgt Ion: 101 Resp: 3461
Ion Ratio Lower Upper
101 100
103 64.7 52.0 78.0





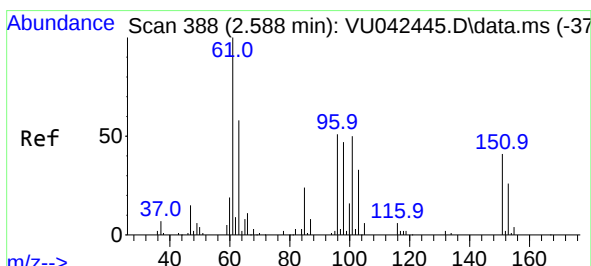
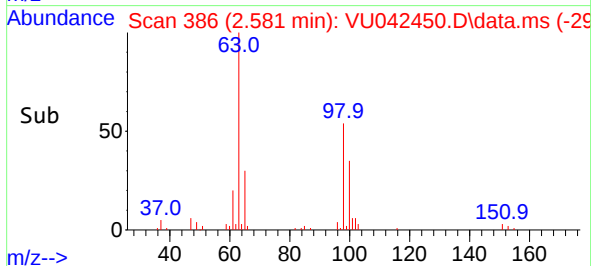
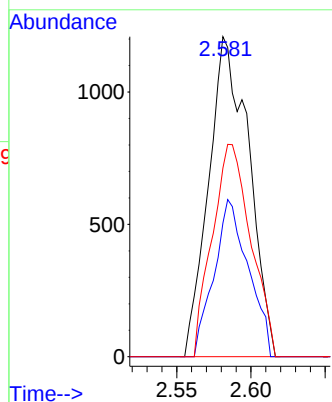
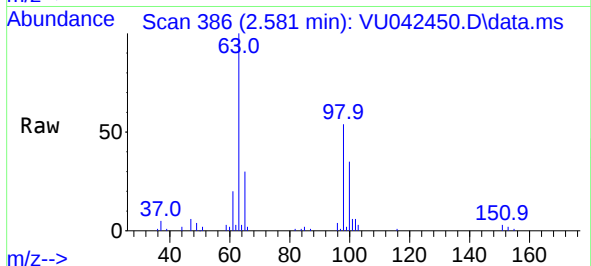
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.31 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.007 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11

Tgt Ion: 101 Resp: 2271
Ion Ratio Lower Upper
101 100
85 42.1 36.6 55.0
151 63.9 64.2 96.2#

Instrument :
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ClientSampleId :
MDL-WATER-QT2-2021-03

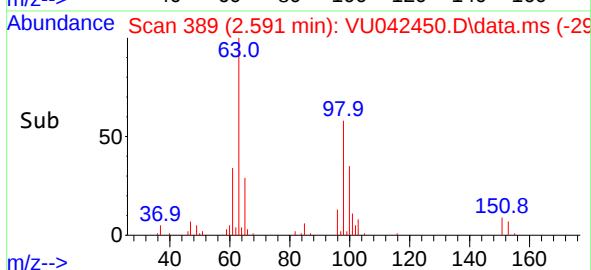
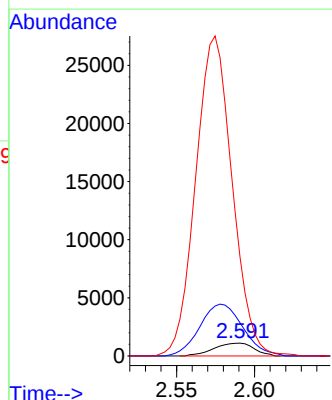
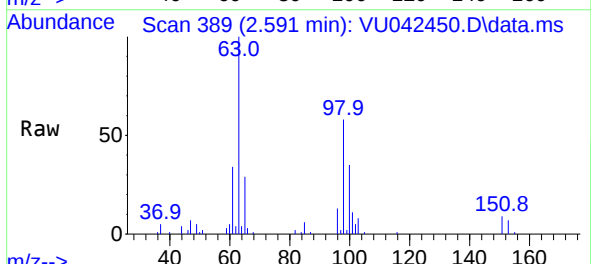
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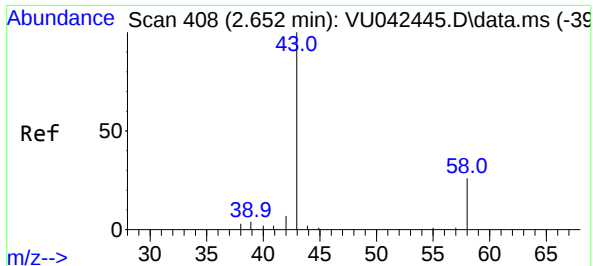
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#12
1,1-Dichloroethene
Concen: 0.30 ug/L
RT: 2.591 min Scan# 389
Delta R.T. 0.003 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11

Tgt Ion: 96 Resp: 1984
Ion Ratio Lower Upper
96 100
61 259.0 138.6 257.4#
63 770.6 82.8 153.8#





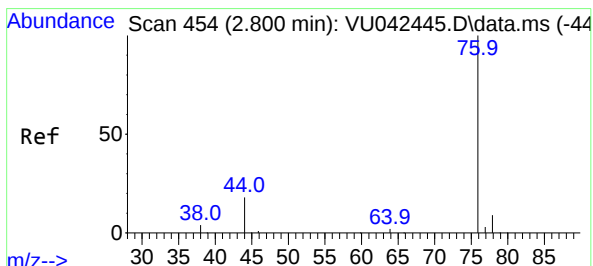
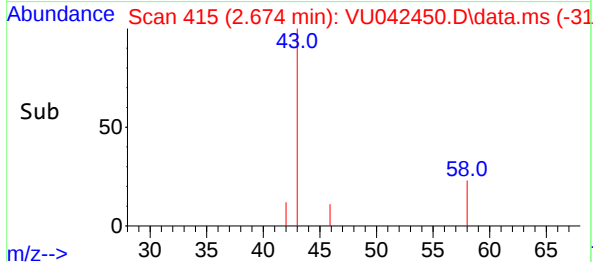
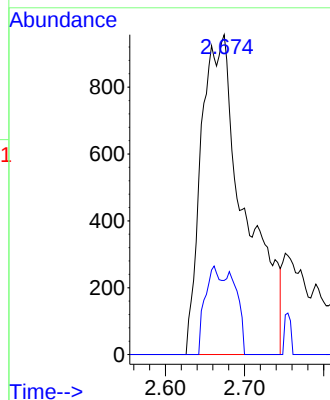
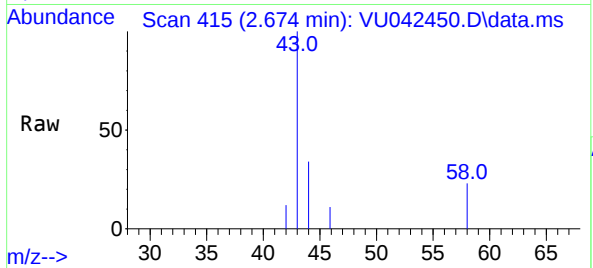
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Acetone
Concen: 2.63 ug/L m
RT: 2.674 min Scan# 415
Delta R.T. 0.022 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11

Tgt Ion: 43 Resp: 3668
Ion Ratio Lower Upper
43 100
58 10.0 0.0 49.2

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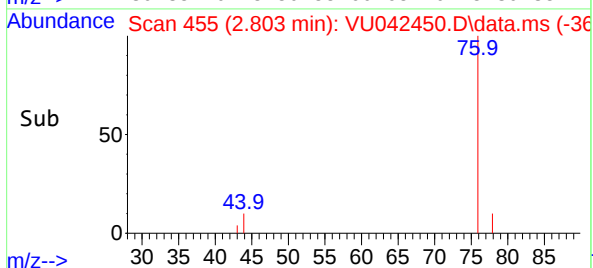
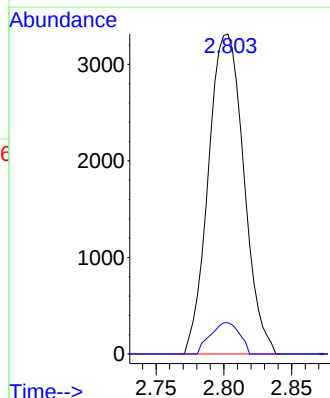
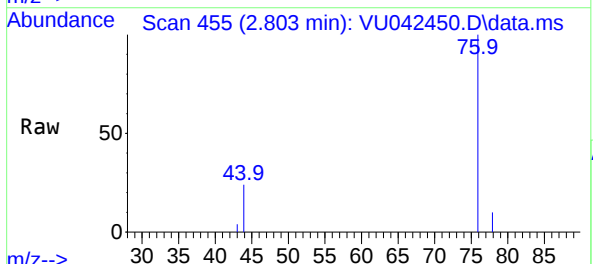
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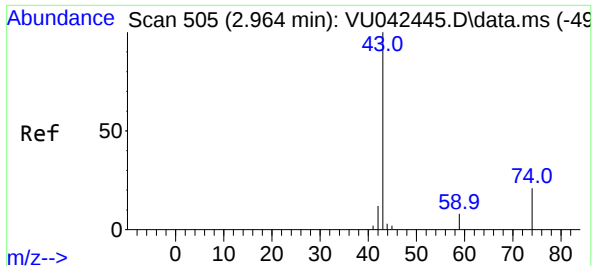
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#14
Carbon disulfide
Concen: 0.28 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.003 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11

Tgt Ion: 76 Resp: 6027
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6





#15

Methyl Acetate

Concen: 0.30 ug/L

RT: 2.970 min Scan# 507

Delta R.T. 0.006 min

Lab File: VU042450.D

Acq: 26 Feb 2021 16:11

Tgt Ion: 43 Resp: 979

Ion Ratio Lower Upper

43 100

74 0.0 17.5 26.3#

Instrument :

MSVOA_U

ClientSampleId :

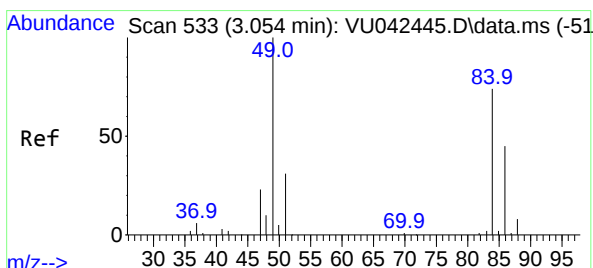
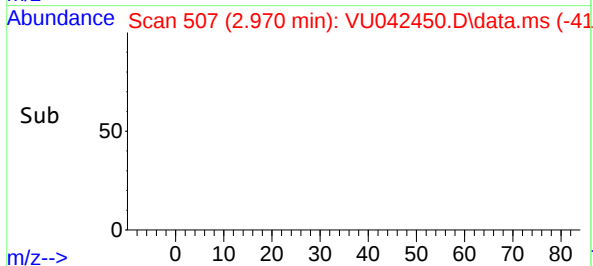
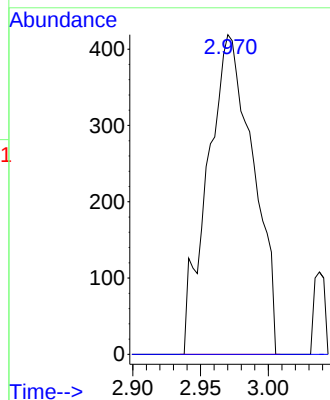
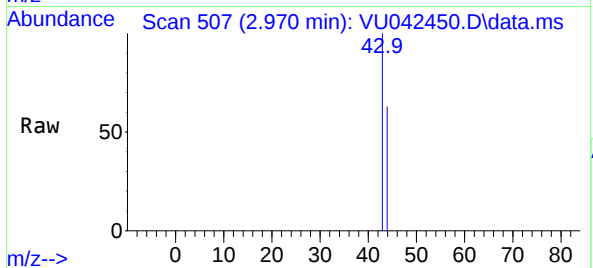
MDL-WATER-QT2-2021-03

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#16

Methylene chloride

Concen: 0.36 ug/L

RT: 3.051 min Scan# 532

Delta R.T. -0.003 min

Lab File: VU042450.D

Acq: 26 Feb 2021 16:11

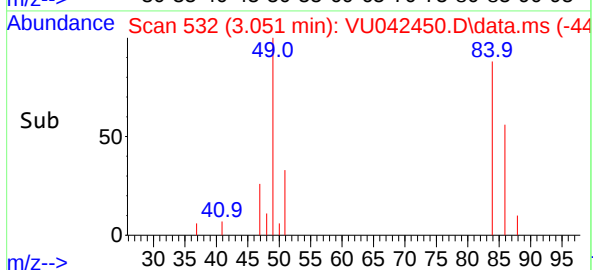
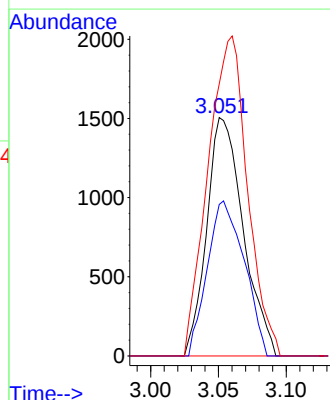
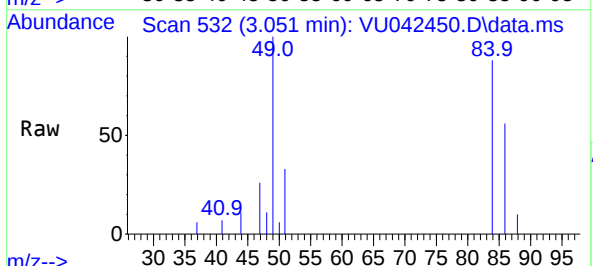
Tgt Ion: 84 Resp: 2822

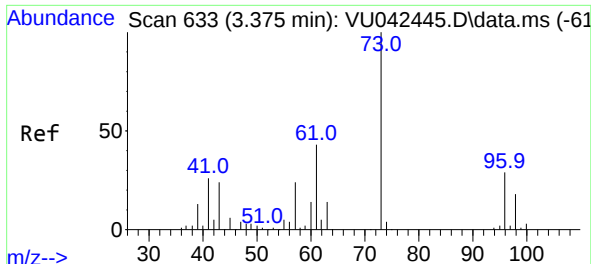
Ion Ratio Lower Upper

84 100

86 63.5 42.8 79.4

49 114.1 95.1 176.7





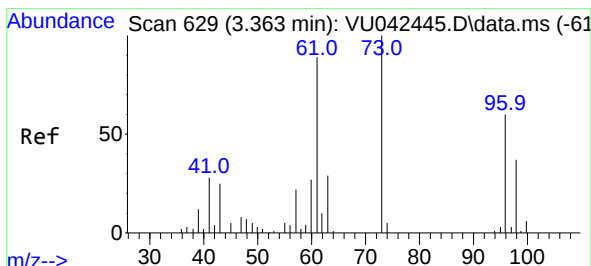
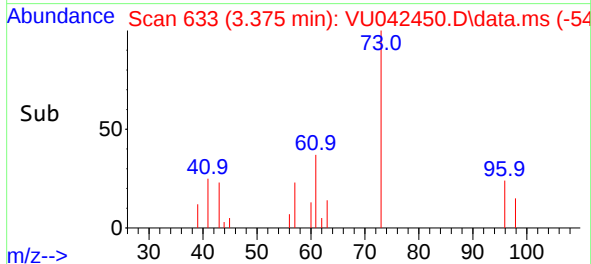
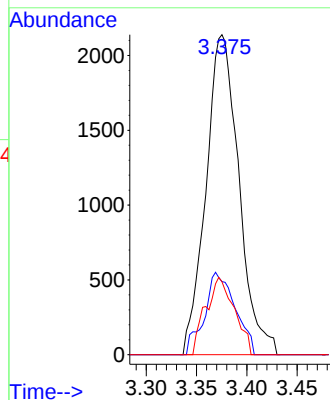
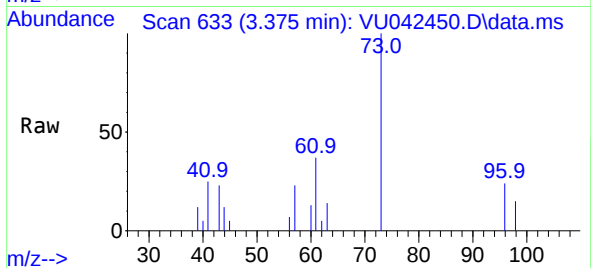
#17
Methyl tert-butyl Ether
Concen: 0.26 ug/L
RT: 3.375 min Scan# 633
Delta R.T. -0.000 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11

Tgt Ion: 73	Resp: 4877
Ion Ratio	Lower Upper
73 100	
43 24.1	19.6 29.4
57 21.0	18.2 27.2

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-03

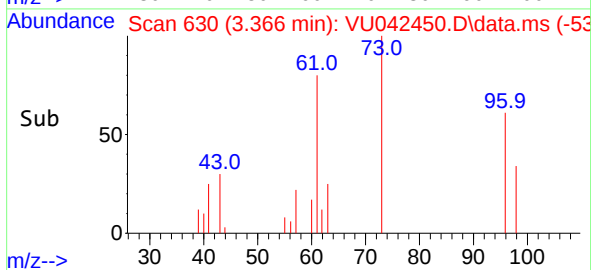
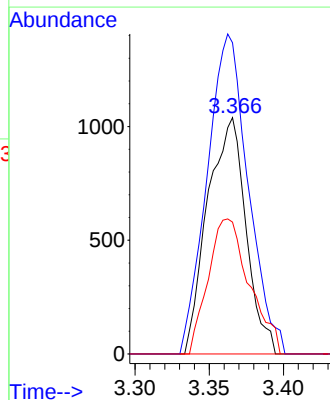
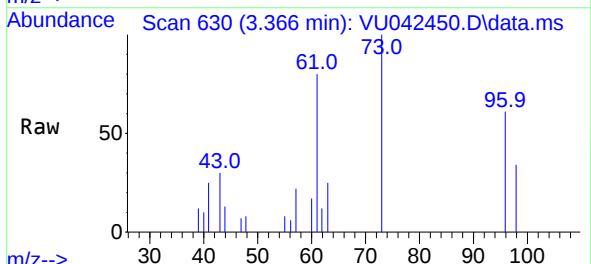
Manual Integrations
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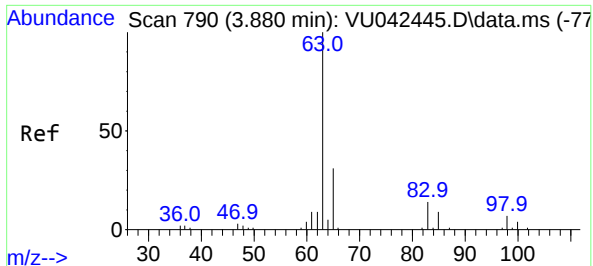
MMDadoda
3/3/2021 3:46:24 PM



#18
trans-1,2-Dichloroethene
Concen: 0.27 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.003 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11

Tgt Ion: 96	Resp: 1864
Ion Ratio	Lower Upper
96 100	
61 131.7	102.7 190.7
98 55.8	42.8 79.6





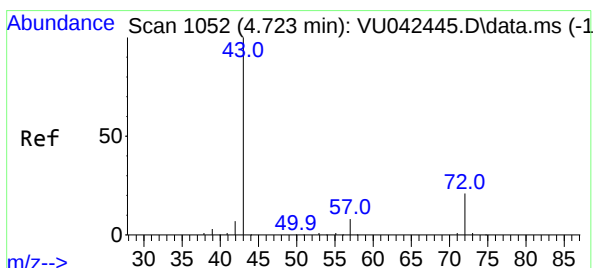
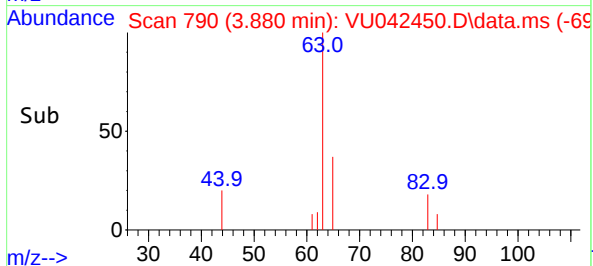
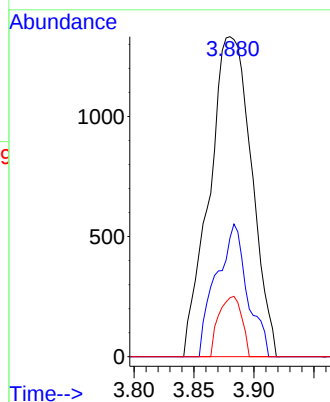
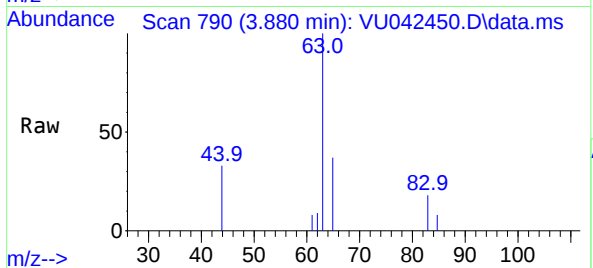
#19
1,1-Dichloroethane
Concen: 0.24 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11

Tgt Ion:	63	Resp:	3252
Ion	Ratio	Lower	Upper
63	100		
65	37.1	21.6	40.2
83	18.4	9.7	17.9#

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-03

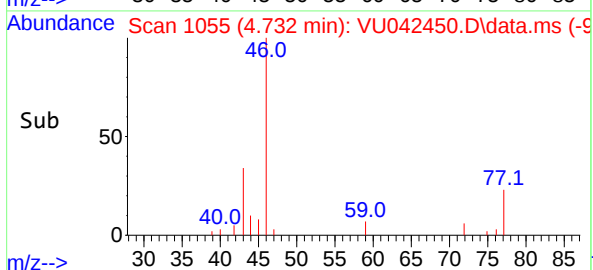
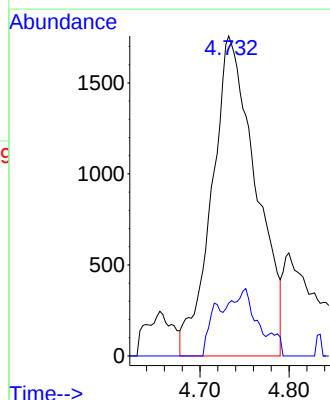
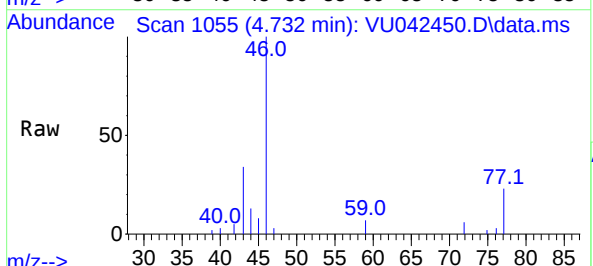
Manual Integrations
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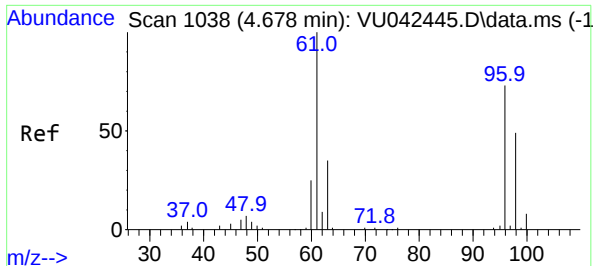
MMDadoda
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#21
2-Butanone
Concen: 2.41 ug/L
RT: 4.732 min Scan# 1055
Delta R.T. 0.009 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11

Tgt Ion:	43	Resp:	6017
Ion	Ratio	Lower	Upper
43	100		
72	5.0	11.3	33.8#





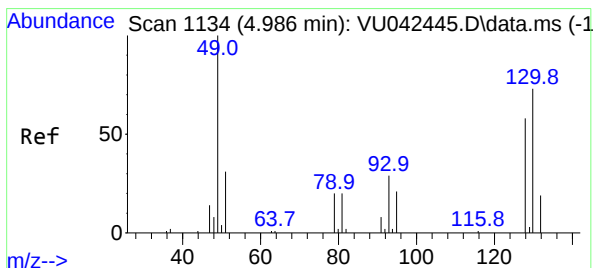
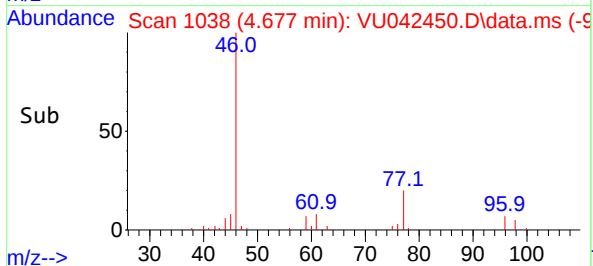
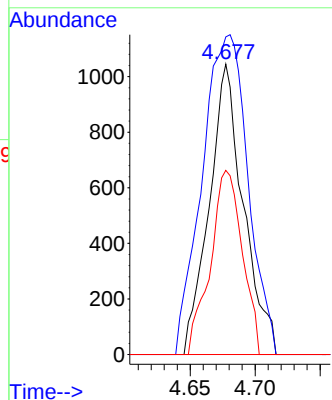
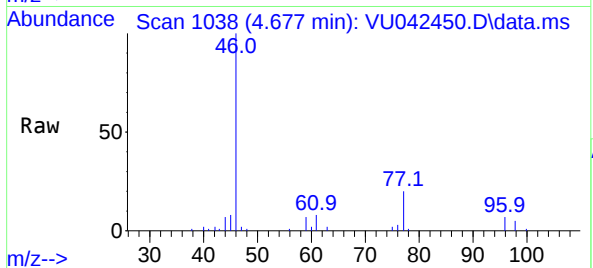
#22
cis-1,2-Dichloroethene
Concen: 0.25 ug/L
RT: 4.677 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11

Tgt Ion:	96	Resp:	1912
Ion	Ratio	Lower	Upper
96	100		
61	109.4	95.3	177.1
98	63.4	46.3	85.9

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-03

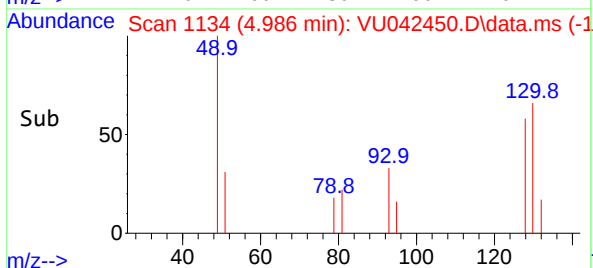
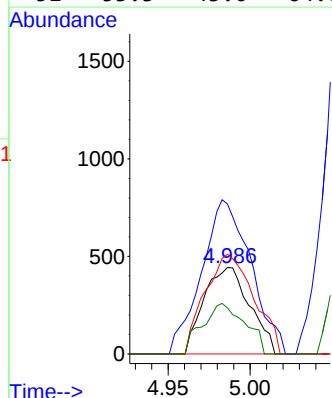
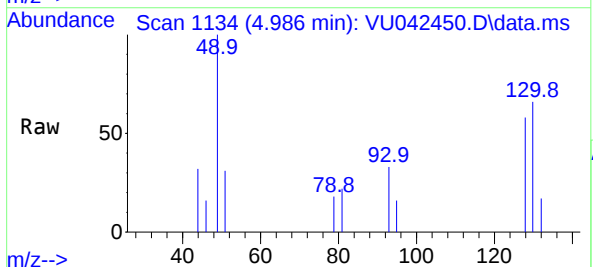
Manual Integrations
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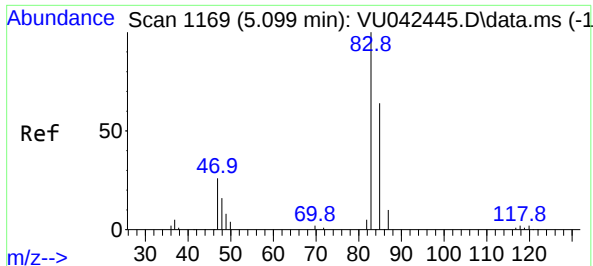
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#23
Bromochloromethane
Concen: 0.24 ug/L
RT: 4.986 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11

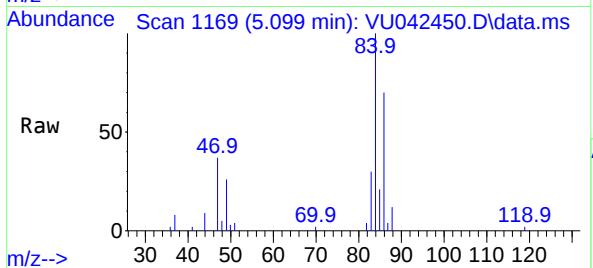
Tgt Ion:	128	Resp:	863
Ion	Ratio	Lower	Upper
128	100		
49	173.6	120.0	222.8
130	115.3	87.4	162.4
51	53.3	43.0	64.6





#25
Chloroform
Concen: 0.30 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11

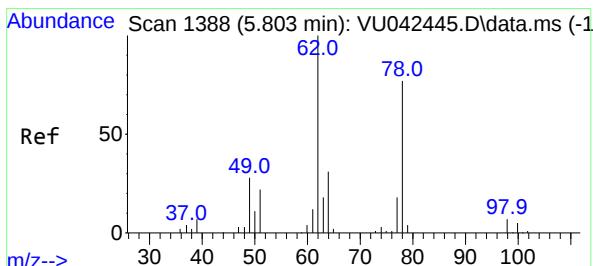
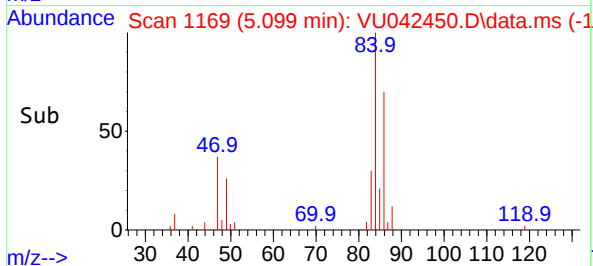
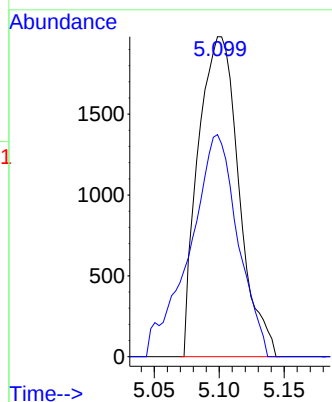
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-03



Tgt Ion: 83 Resp: 4306
Ion Ratio Lower Upper
83 100
85 69.4 45.3 84.1

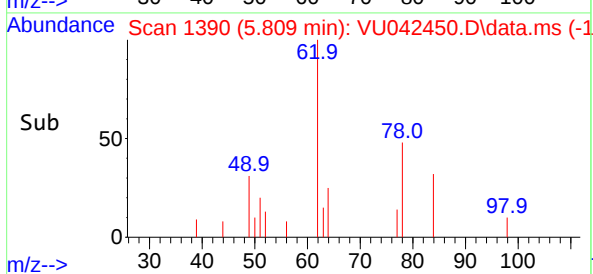
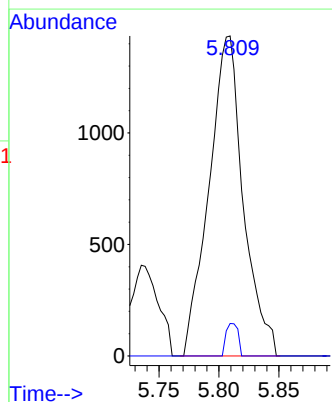
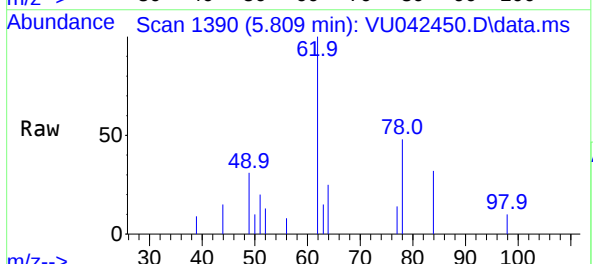
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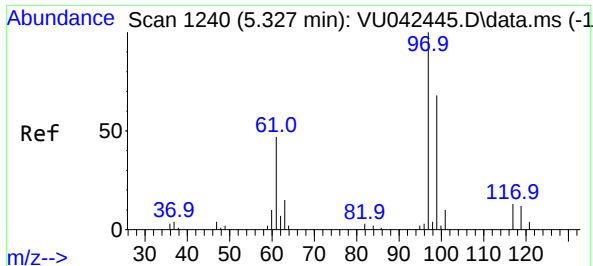
MMDadoda
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#27
1,2-Dichloroethane
Concen: 0.27 ug/L
RT: 5.809 min Scan# 1390
Delta R.T. 0.006 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11

Tgt Ion: 62 Resp: 2858
Ion Ratio Lower Upper
62 100
98 10.2 5.4 8.2#





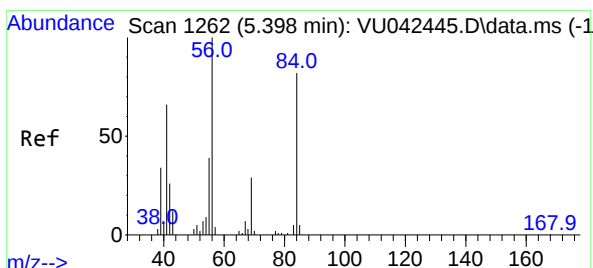
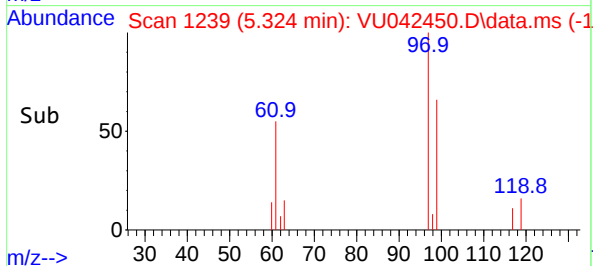
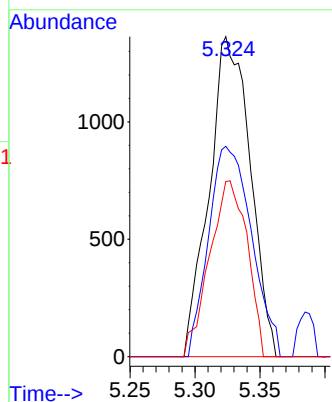
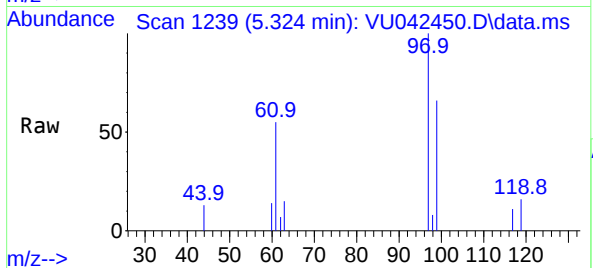
#29
1,1,1-Trichloroethane
Concen: 0.23 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11

Tgt Ion:	97	Resp:	2993
Ion	Ratio	Lower	Upper
97	100		
99	69.0	52.7	79.1
61	50.3	38.2	57.2

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-03

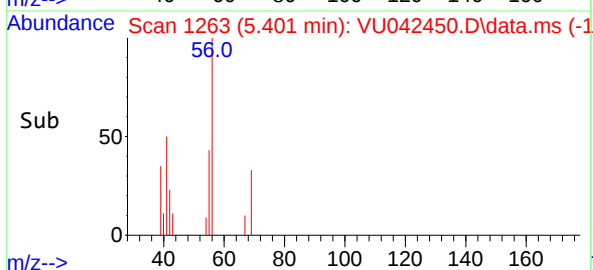
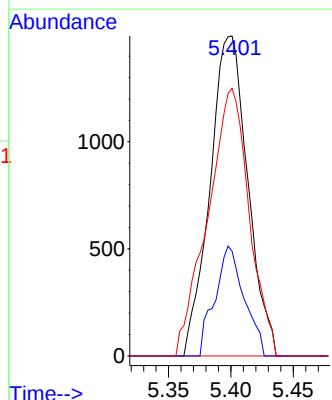
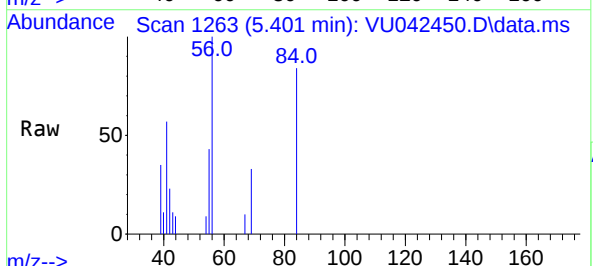
Manual Integrations
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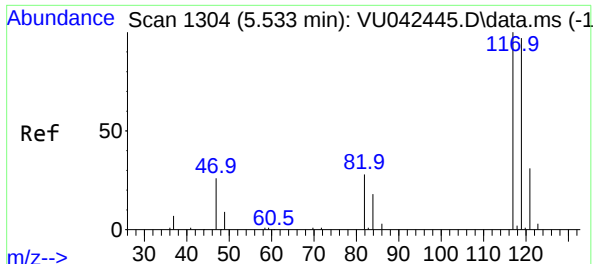
MMDadoda
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#30
Cyclohexane
Concen: 0.24 ug/L
RT: 5.401 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11

Tgt Ion:	56	Resp:	3154
Ion	Ratio	Lower	Upper
56	100		
69	26.6	24.0	36.0
84	91.2	65.4	98.2





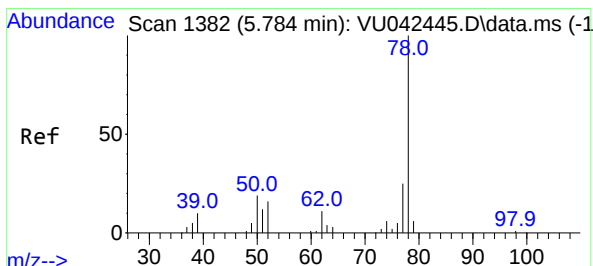
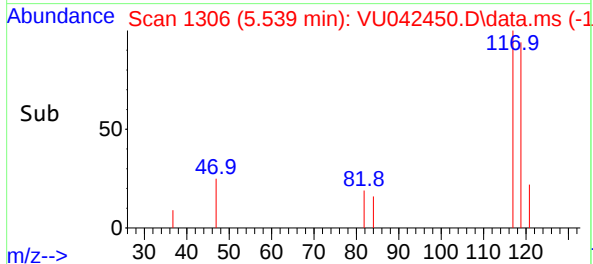
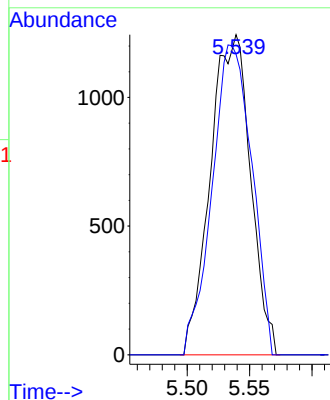
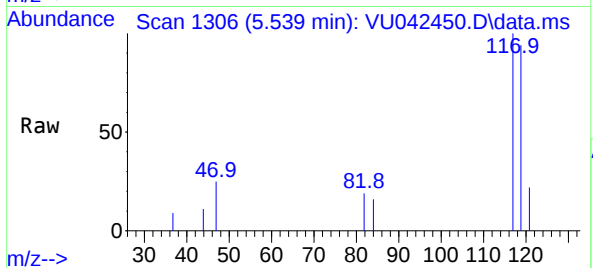
#31
Carbon tetrachloride
Concen: 0.25 ug/L
RT: 5.539 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11

Tgt Ion: 117 Resp: 2783
Ion Ratio Lower Upper
117 100
119 95.9 78.1 117.1

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-03

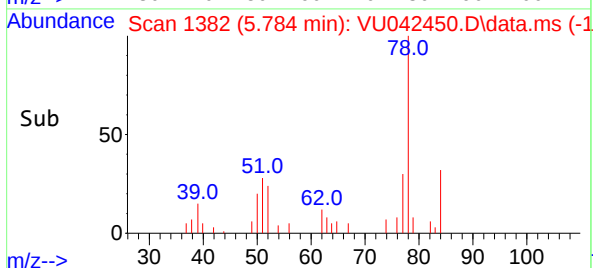
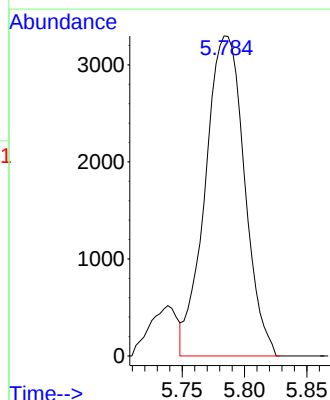
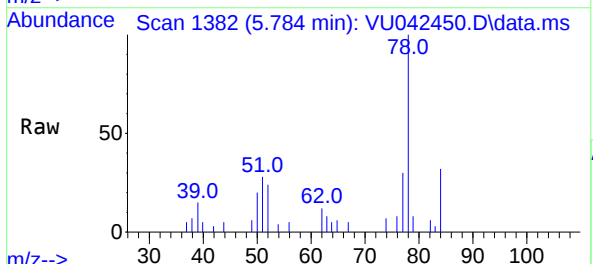
Manual Integrations
APPROVED

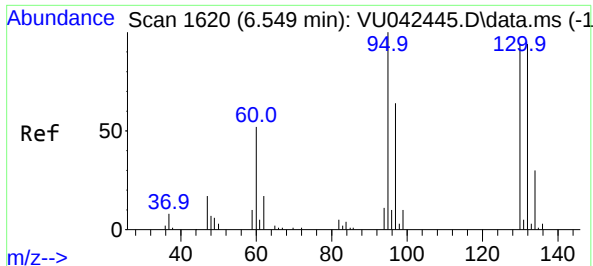
MMDadoda
3/3/2021 3:46:24 PM



#33
Benzene
Concen: 0.24 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11

Tgt Ion: 78 Resp: 7203





#34

Trichloroethene

Concen: 0.23 ug/L

RT: 6.552 min Scan# 1621

Delta R.T. 0.003 min

Lab File: VU042450.D

Acq: 26 Feb 2021 16:11

Tgt Ion: 95 Resp: 1894

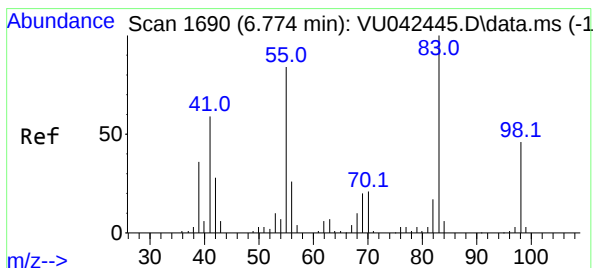
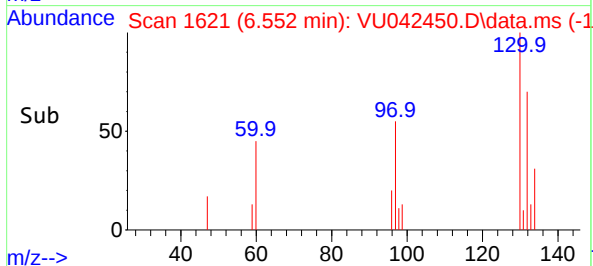
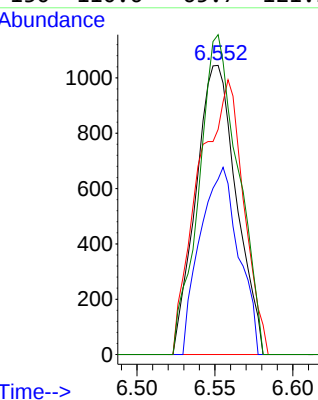
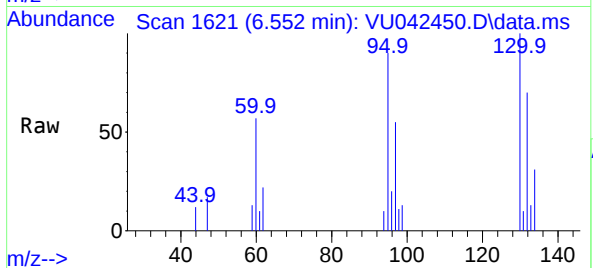
Ion Ratio Lower Upper

95 100

97 60.7 44.9 83.3

132 77.9 65.6 121.8

130 110.6 65.7 121.9



#35

Methylcyclohexane

Concen: 0.26 ug/L

RT: 6.767 min Scan# 1688

Delta R.T. -0.007 min

Lab File: VU042450.D

Acq: 26 Feb 2021 16:11

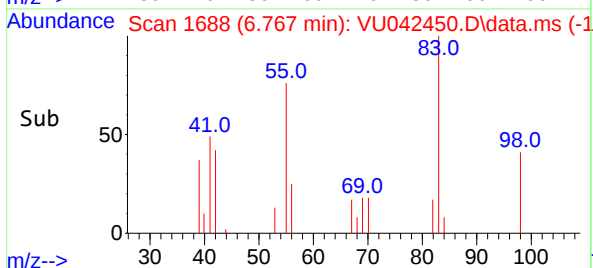
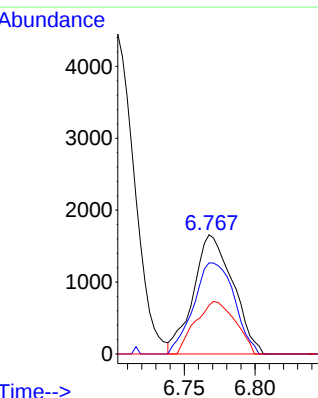
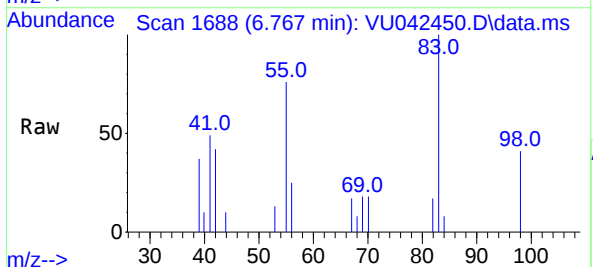
Tgt Ion: 83 Resp: 3215

Ion Ratio Lower Upper

83 100

55 78.6 66.8 100.2

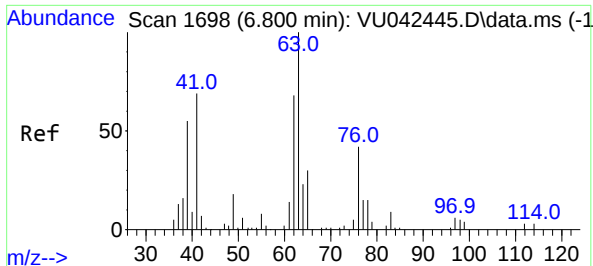
98 44.4 36.6 54.8



Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-03

Manual Integrations
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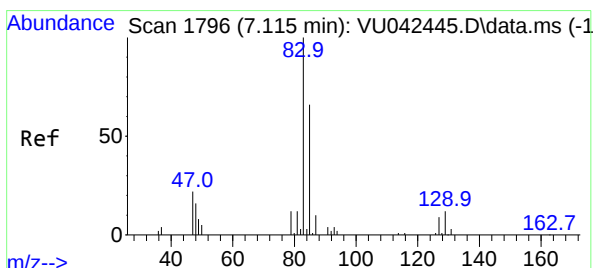
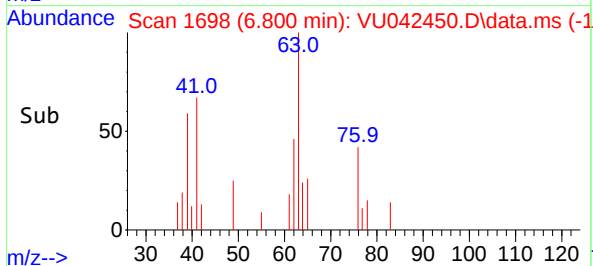
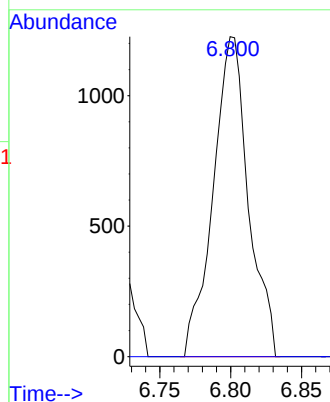
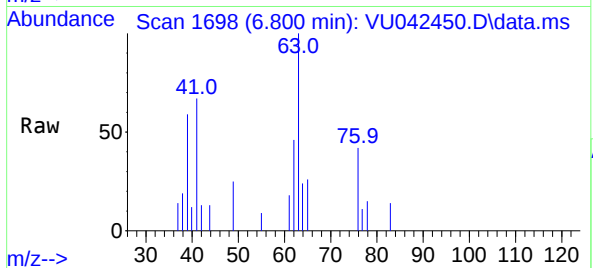
#37
1,2-Dichloropropane
Concen: 0.27 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11

Tgt Ion: 63 Resp: 2129
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-03

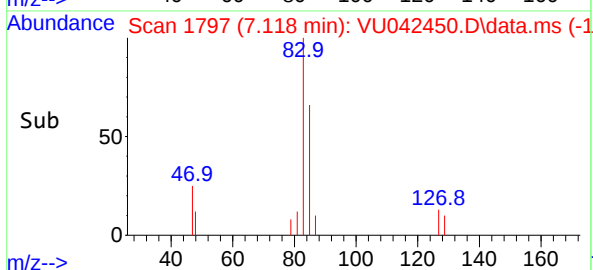
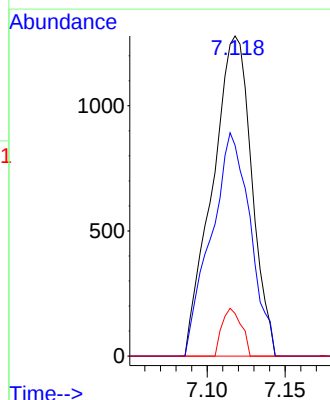
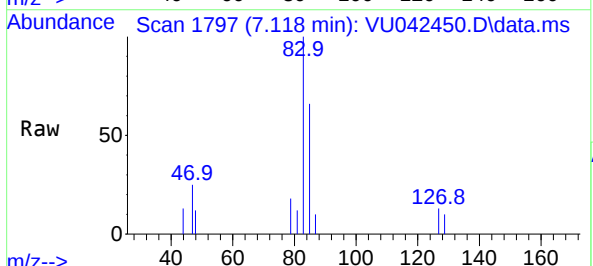
Manual Integrations
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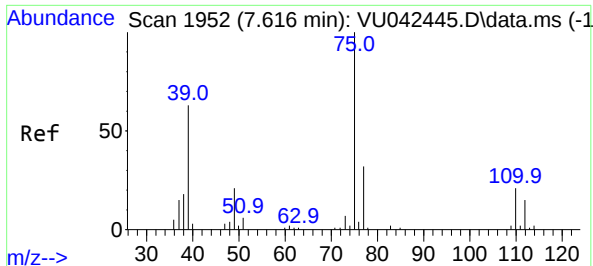
MMDadoda
3/3/2021 3:46:24 PM



#38
Bromodichloromethane
Concen: 0.22 ug/L
RT: 7.118 min Scan# 1797
Delta R.T. 0.003 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11

Tgt Ion: 83 Resp: 2242
Ion Ratio Lower Upper
83 100
85 65.8 46.1 85.5
127 13.3 6.9 10.3#





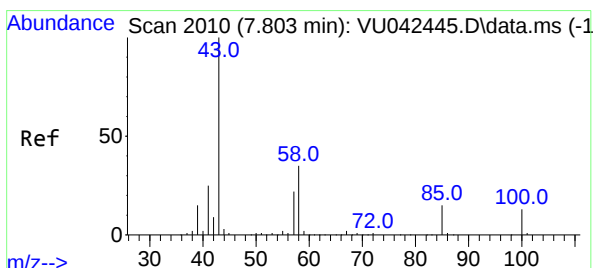
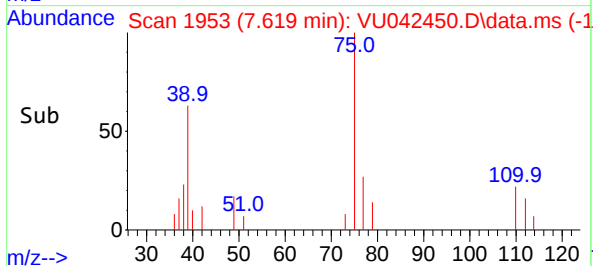
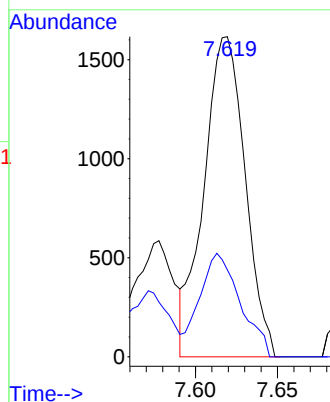
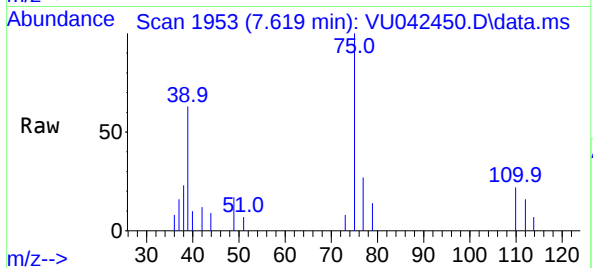
#39
cis-1,3-Dichloropropene
Concen: 0.25 ug/L
RT: 7.619 min Scan# 1953
Delta R.T. 0.003 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11

Tgt Ion: 75 Resp: 2826
Ion Ratio Lower Upper
75 100
77 27.1 22.2 41.2

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-03

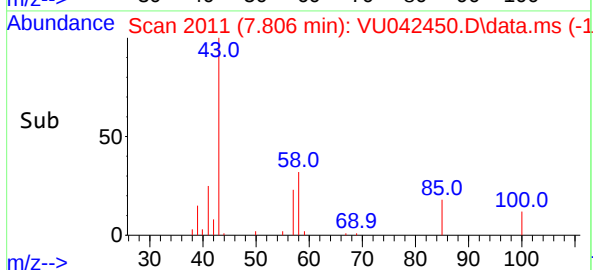
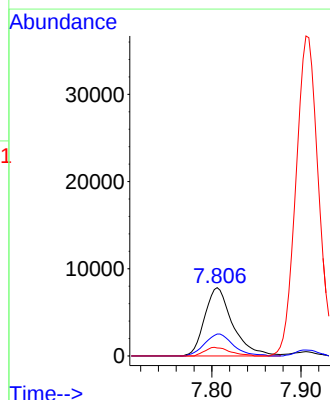
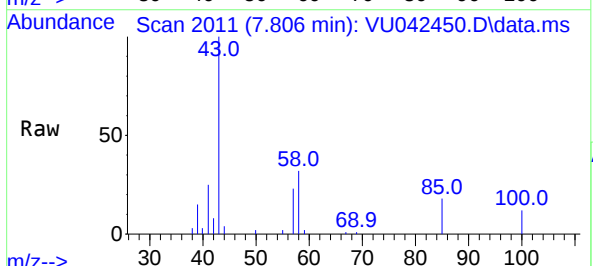
Manual Integrations
APPROVED

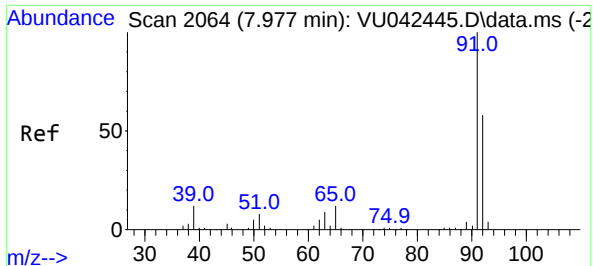
MMDadoda
3/3/2021 3:46:24 PM



#40
4-Methyl-2-pentanone
Concen: 2.59 ug/L
RT: 7.806 min Scan# 2011
Delta R.T. 0.003 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11

Tgt Ion: 43 Resp: 17055
Ion Ratio Lower Upper
43 100
58 32.8 27.6 41.4
100 11.4 9.8 14.6





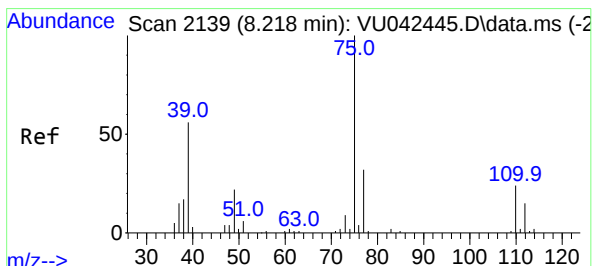
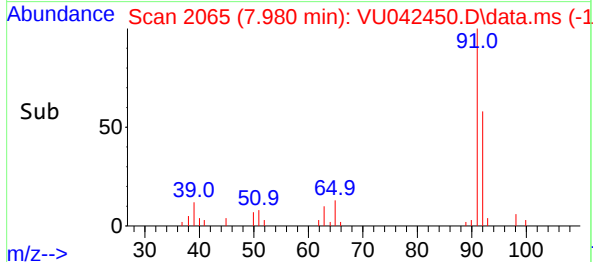
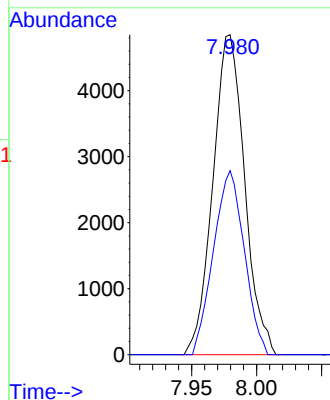
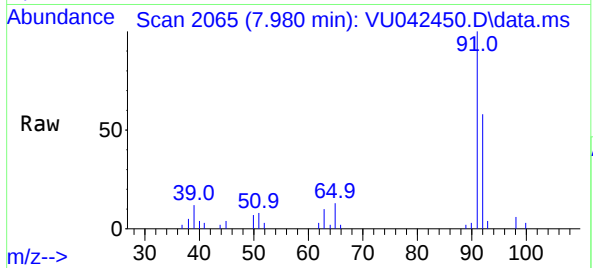
#42
Toluene
Concen: 0.26 ug/L
RT: 7.980 min Scan# 2065
Delta R.T. 0.003 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11

Tgt Ion: 91 Resp: 8231
Ion Ratio Lower Upper
91 100
92 57.5 40.7 75.5

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-03

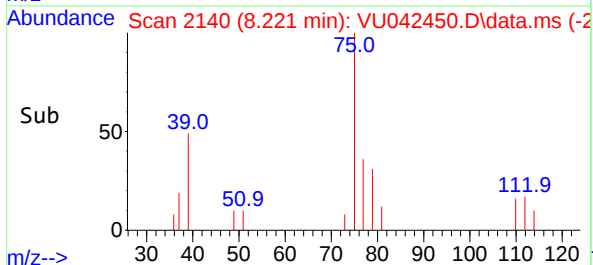
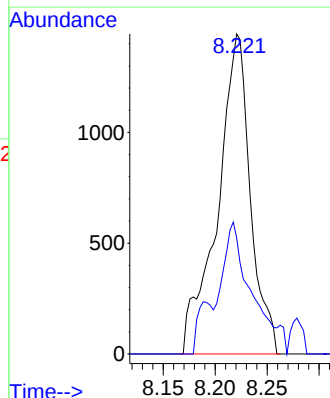
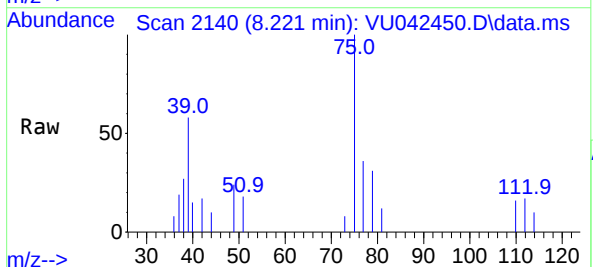
Manual Integrations
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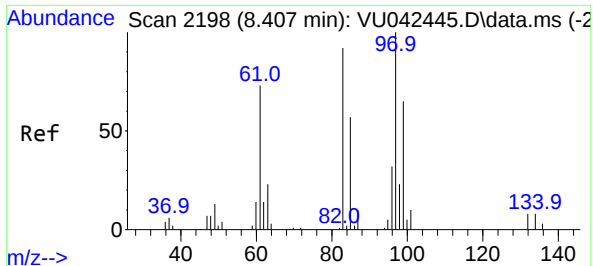
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3/3/2021 3:46:24 PM



#44
trans-1,3-Dichloropropene
Concen: 0.31 ug/L
RT: 8.221 min Scan# 2140
Delta R.T. 0.003 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11

Tgt Ion: 75 Resp: 3174
Ion Ratio Lower Upper
75 100
77 36.3 22.3 41.3





#45
1,1,2-Trichloroethane
Concen: 0.25 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11

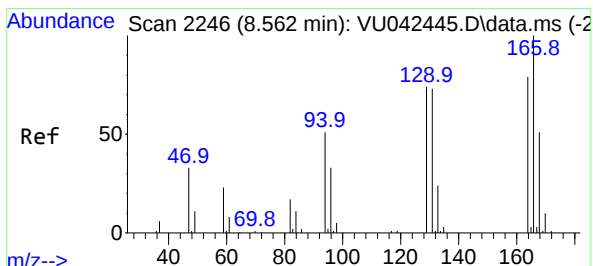
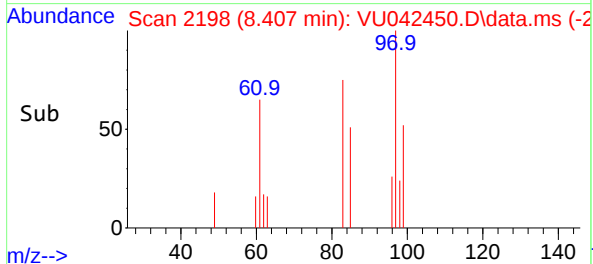
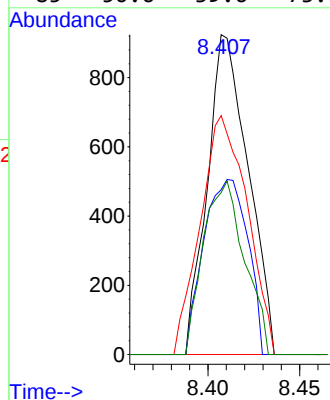
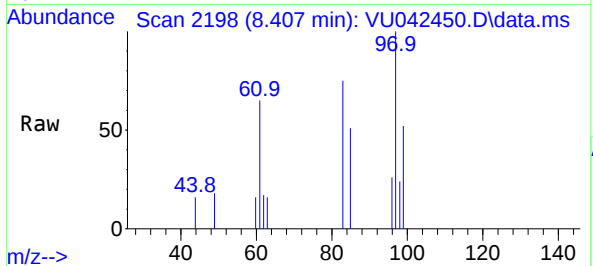
Tgt Ion: 97 Resp: 1435

Ion	Ratio	Lower	Upper
97	100		
99	51.5	45.2	84.0
83	74.7	64.5	119.7
85	50.6	39.6	73.6

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-03

Manual Integrations
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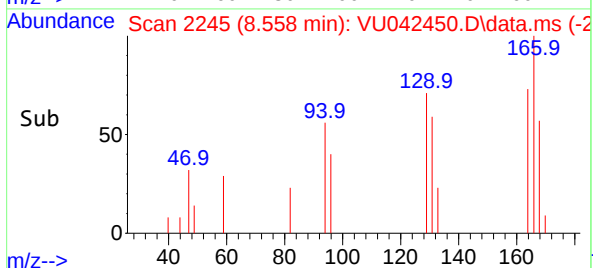
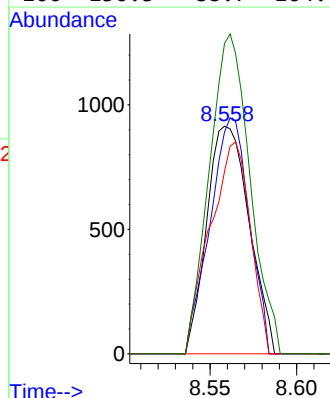
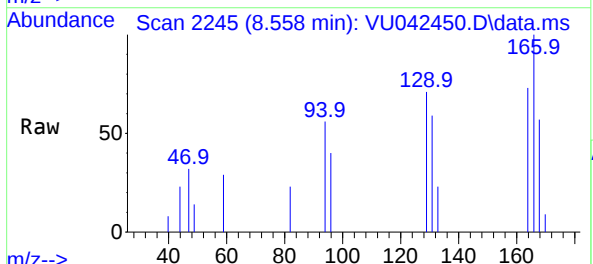
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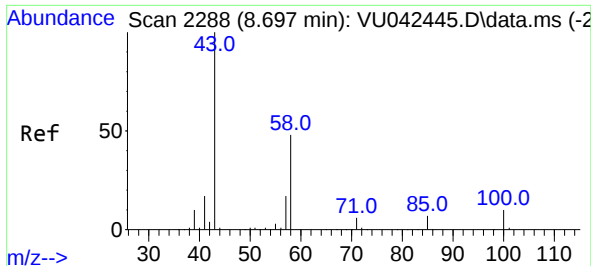


#47
Tetrachloroethene
Concen: 0.24 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11

Tgt Ion: 164 Resp: 1562

Ion	Ratio	Lower	Upper
164	100		
129	97.4	65.4	121.4
131	80.1	64.5	119.7
166	136.3	88.7	164.7





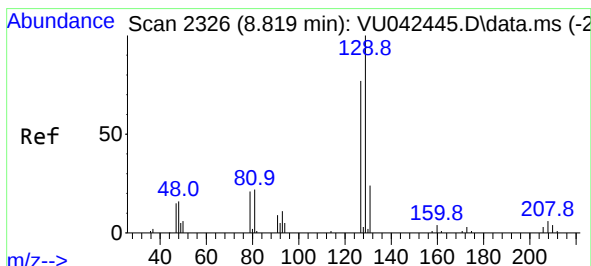
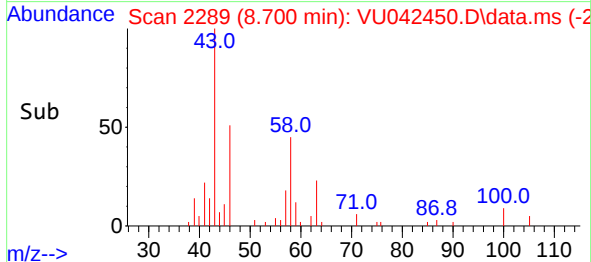
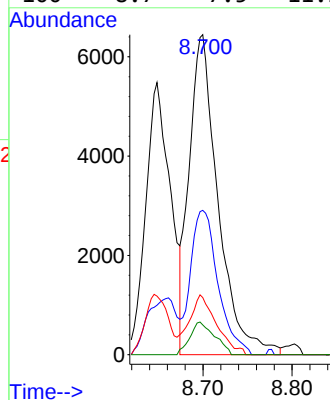
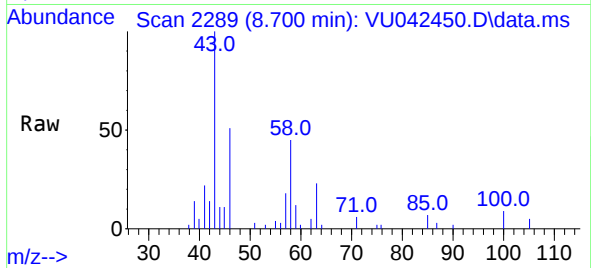
#48
2-Hexanone
Concen: 3.05 ug/L
RT: 8.700 min Scan# 2289
Delta R.T. 0.003 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11

Tgt Ion: 43 Resp: 14557
Ion Ratio Lower Upper
43 100
58 43.0 40.2 60.2
57 17.8 13.8 20.6
100 8.7 7.5 11.3

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-03

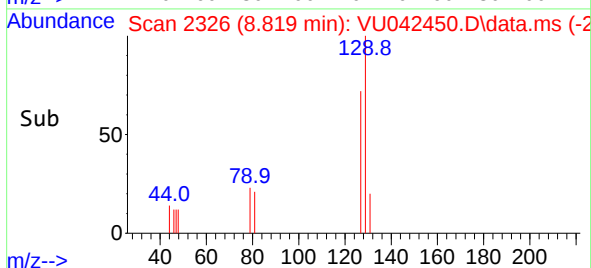
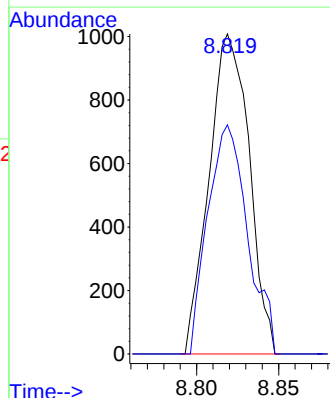
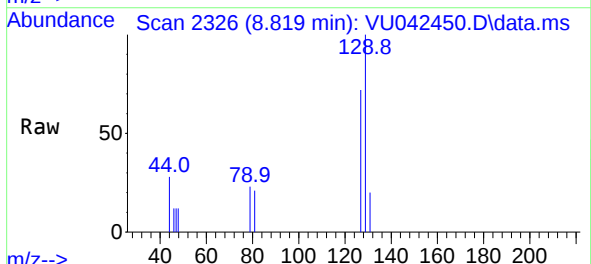
Manual Integrations
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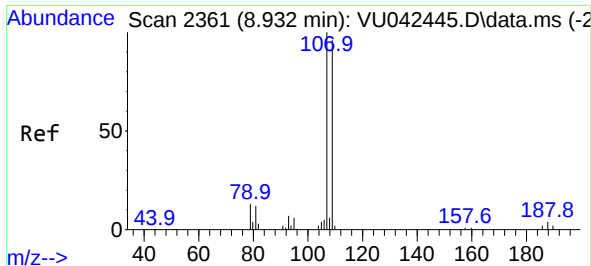
MMDadoda
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#49
Dibromochloromethane
Concen: 0.24 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11

Tgt Ion: 129 Resp: 1714
Ion Ratio Lower Upper
129 100
127 71.6 54.2 100.6





#50

1,2-Dibromoethane

Concen: 0.24 ug/L

RT: 8.934 min Scan# 2362

Delta R.T. 0.003 min

Lab File: VU042450.D

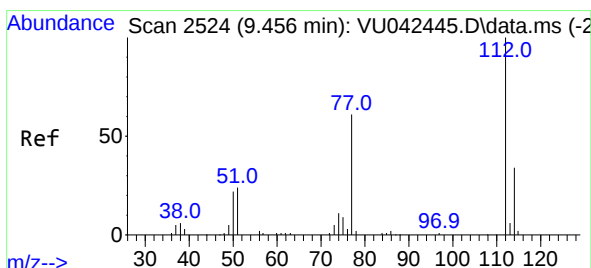
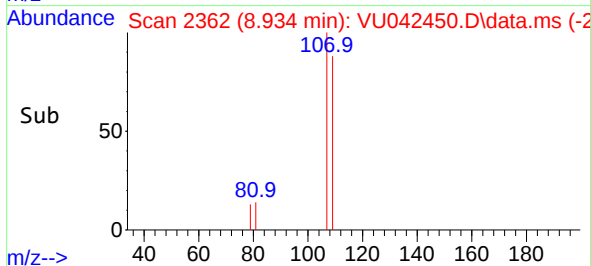
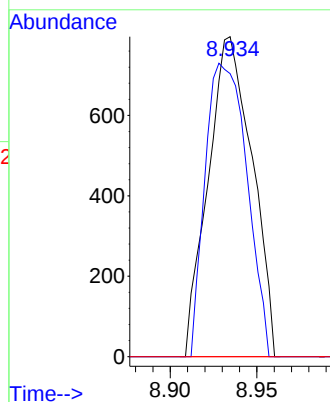
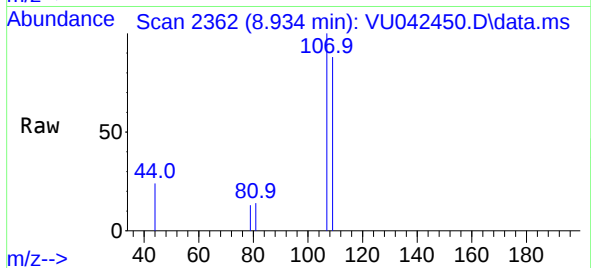
Acq: 26 Feb 2021 16:11

Tgt Ion:	107	Resp:	1402
Ion	Ratio	Lower	Upper
107	100		
109	88.4	66.8	124.2
188	0.0	3.0	4.4#

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-03

Manual Integrations
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#51

Chlorobenzene

Concen: 0.26 ug/L

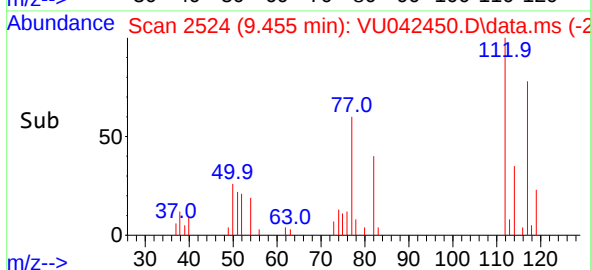
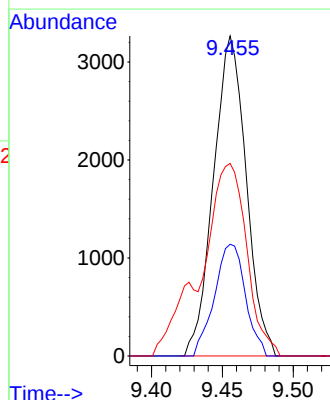
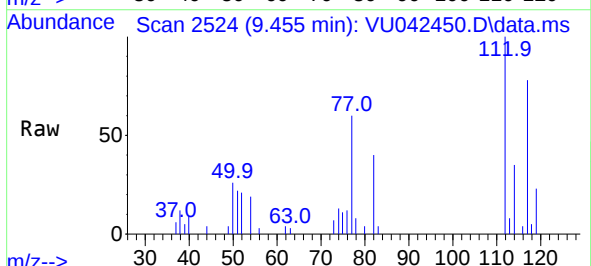
RT: 9.455 min Scan# 2524

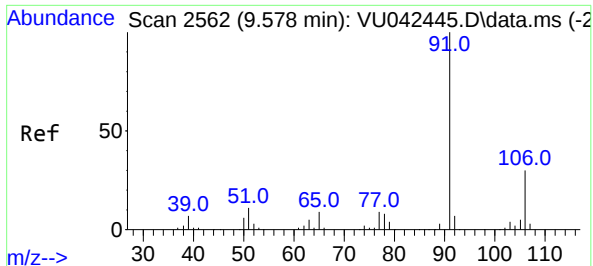
Delta R.T. -0.000 min

Lab File: VU042450.D

Acq: 26 Feb 2021 16:11

Tgt Ion:	112	Resp:	5242
Ion	Ratio	Lower	Upper
112	100		
114	34.9	23.6	43.8
77	60.2	49.6	74.4





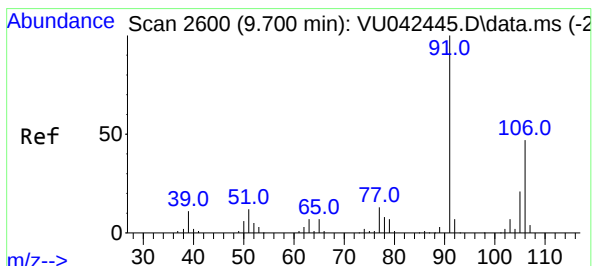
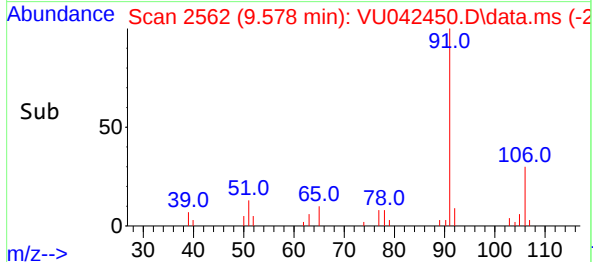
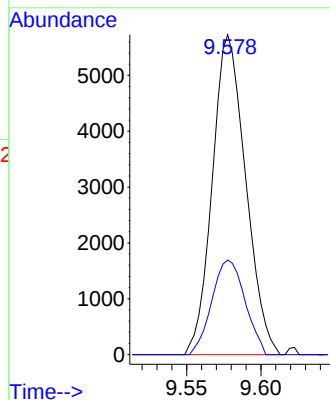
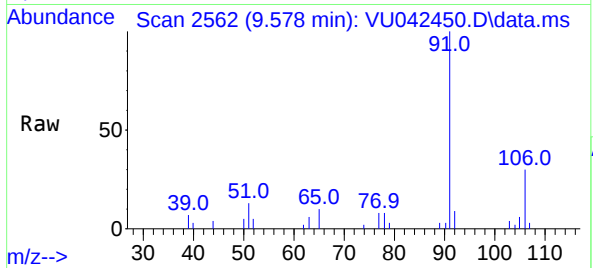
#52
Ethylbenzene
Concen: 0.25 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11

Tgt Ion: 91 Resp: 8931
Ion Ratio Lower Upper
91 100
106 29.6 20.8 38.6

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-03

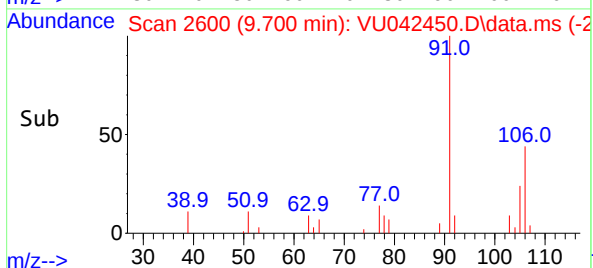
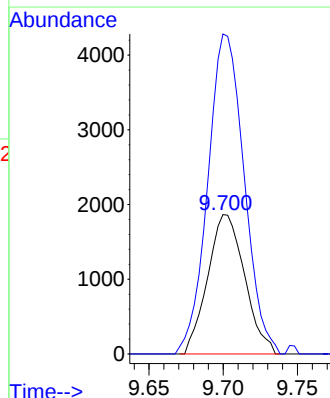
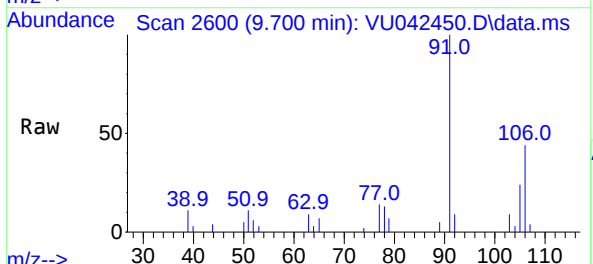
Manual Integrations
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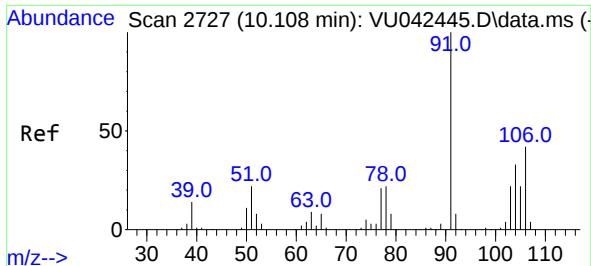
MMDadoda
3/3/2021 3:46:24 PM



#53
m,p-Xylene
Concen: 0.24 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11

Tgt Ion: 106 Resp: 3230
Ion Ratio Lower Upper
106 100
91 229.7 150.1 278.7





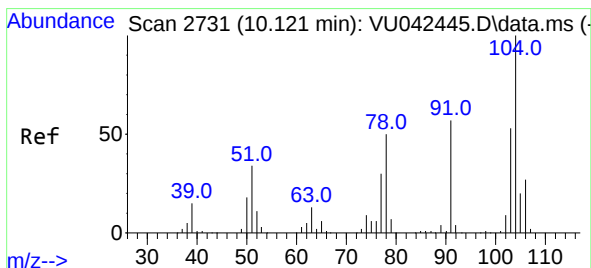
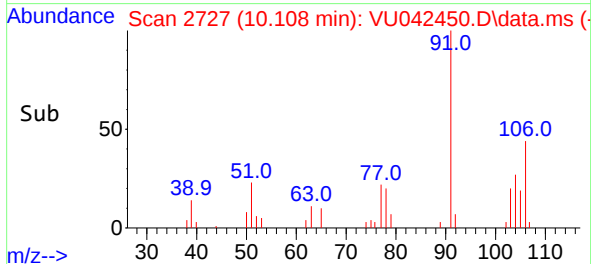
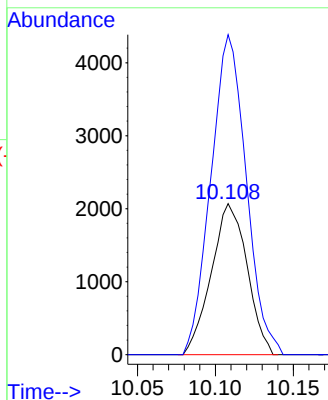
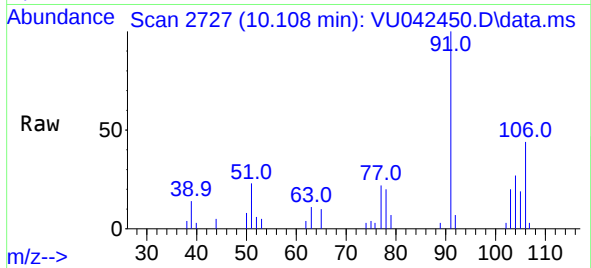
#54
o-Xylene
Concen: 0.26 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11

Tgt Ion:106 Resp: 3304
Ion Ratio Lower Upper
106 100
91 211.9 165.8 308.0

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-03

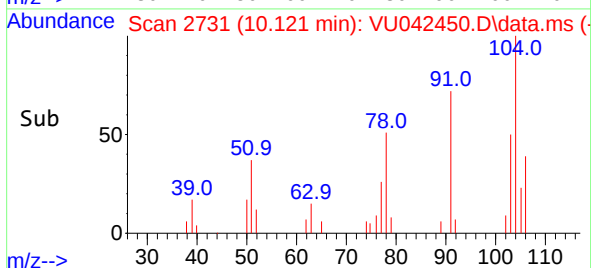
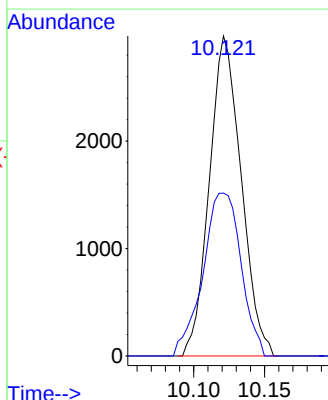
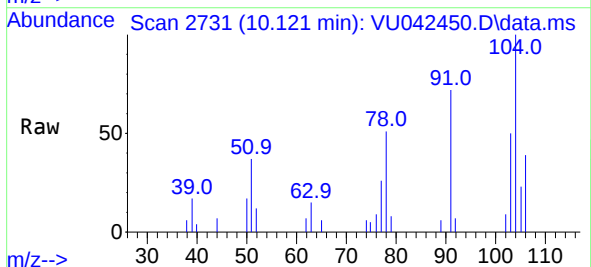
Manual Integrations
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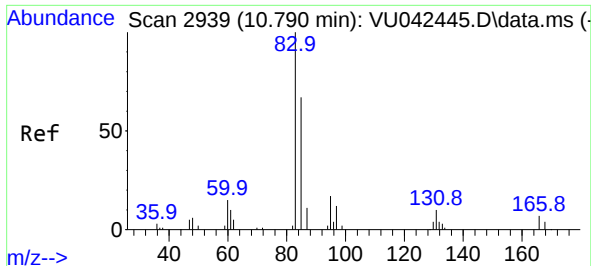
MMDadoda
3/3/2021 3:46:24 PM



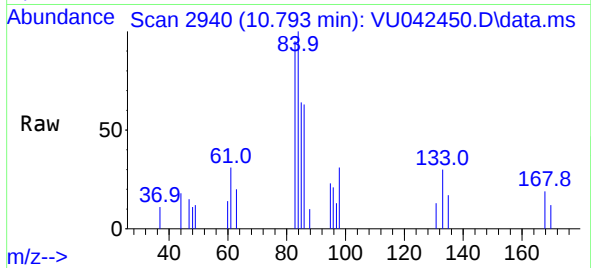
#55
Styrene
Concen: 0.21 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11

Tgt Ion:104 Resp: 4660
Ion Ratio Lower Upper
104 100
78 50.9 35.1 65.1

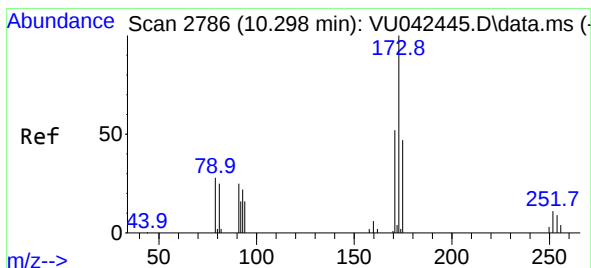
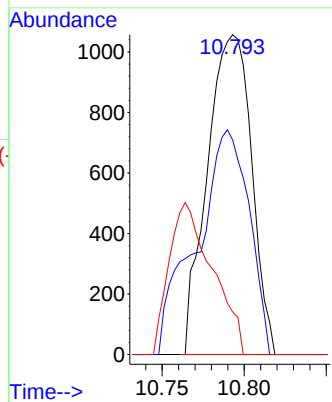
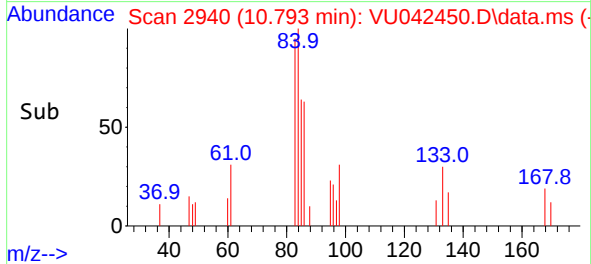




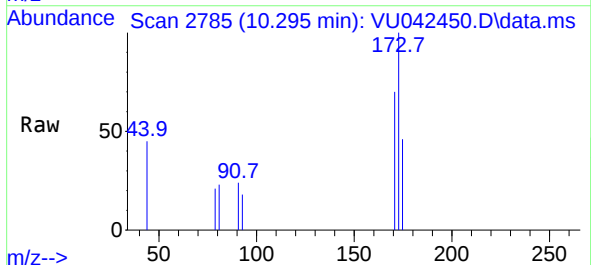
#57
1,1,2,2-Tetrachloroethane
Concen: 0.27 ug/L
RT: 10.793 min Scan# 2940
Delta R.T. 0.003 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11



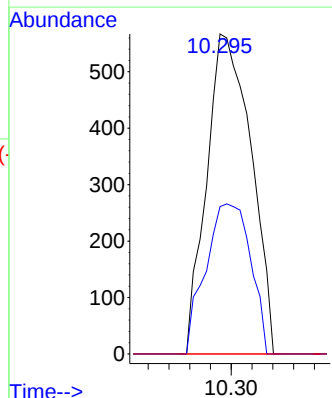
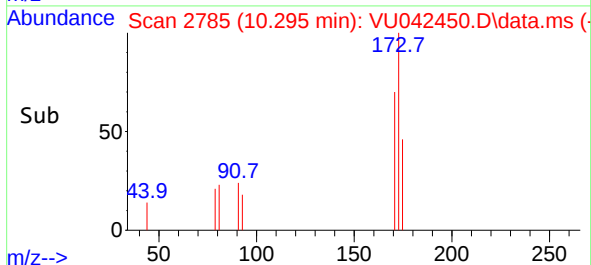
Tgt Ion: 83 Resp: 1981
Ion Ratio Lower Upper
83 100
85 67.1 47.1 87.5
131 13.3 8.7 13.1#



#59
Bromoform
Concen: 0.20 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.003 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11



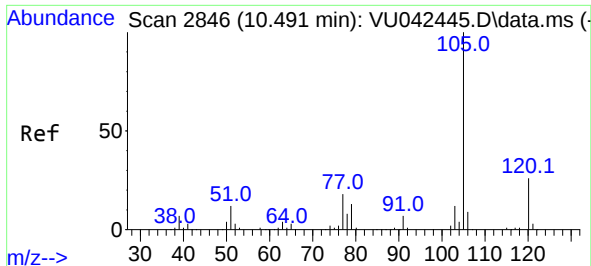
Tgt Ion: 173 Resp: 840
Ion Ratio Lower Upper
173 100
175 47.5 38.1 57.1
254 0.0 7.4 11.0#



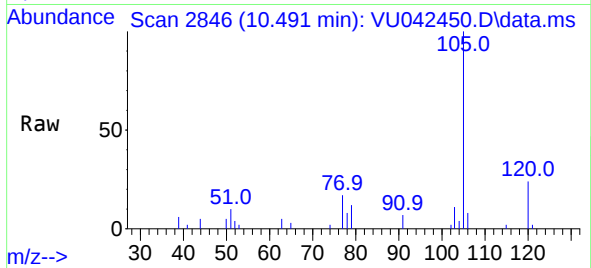
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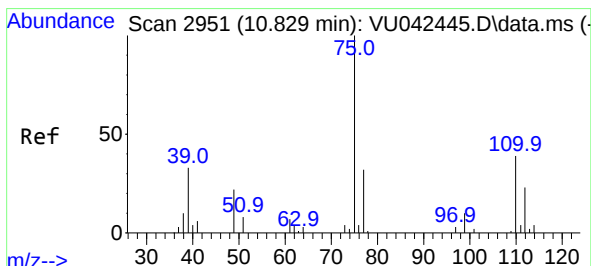
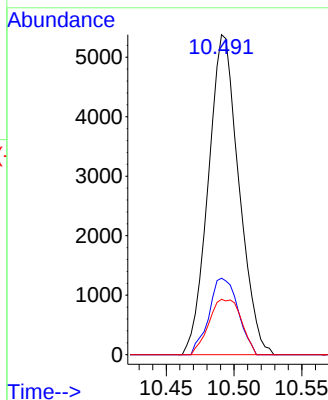
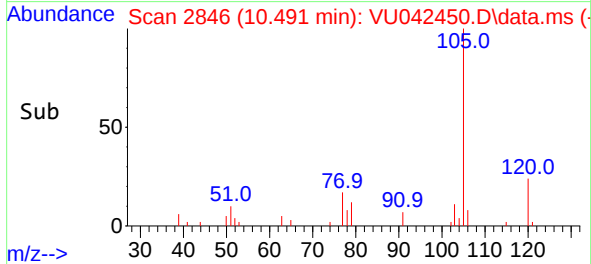
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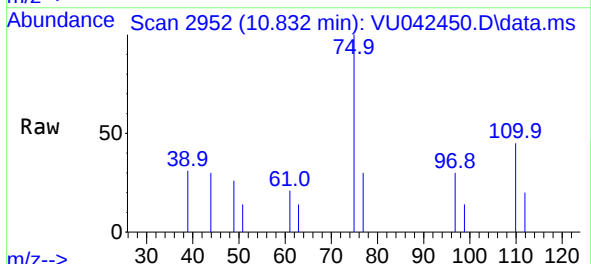
#60
Isopropylbenzene
Concen: 0.25 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU042450.D
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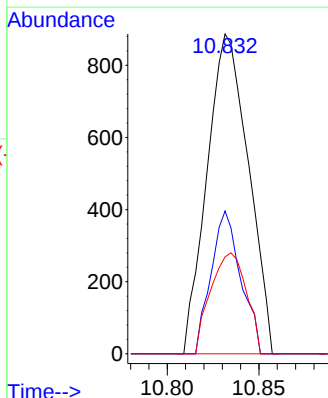
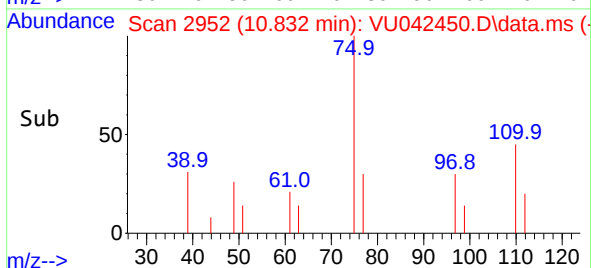
Tgt Ion: 105 Resp: 8443
Ion Ratio Lower Upper
105 100
120 22.7 20.7 31.1
77 18.3 13.9 20.9



#61
1,2,3-Trichloropropane
Concen: 0.26 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11



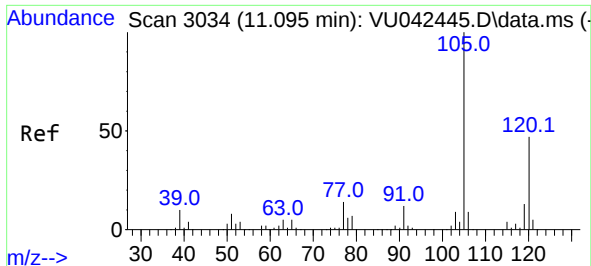
Tgt Ion: 75 Resp: 1390
Ion Ratio Lower Upper
75 100
110 32.1 32.0 48.0
77 27.3 25.8 38.6



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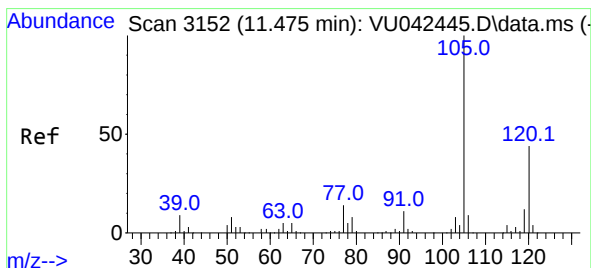
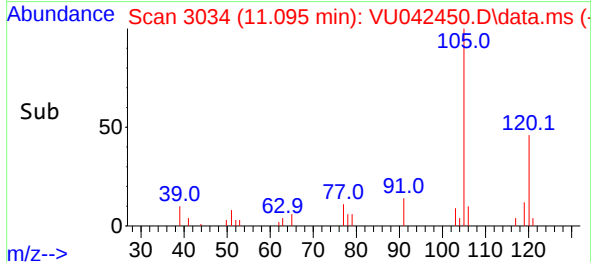
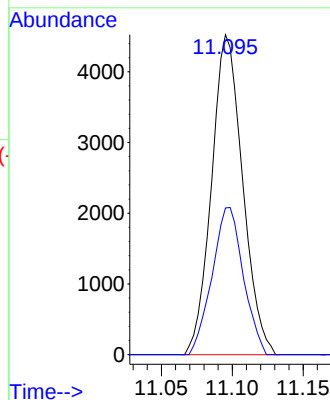
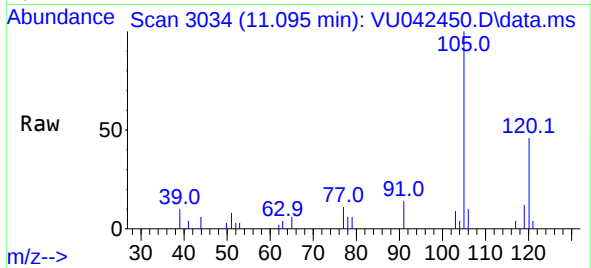
#62
1,3,5-Trimethylbenzene
Concen: 0.24 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
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Tgt Ion:105 Resp: 6904
Ion Ratio Lower Upper
105 100
120 46.0 37.6 56.4

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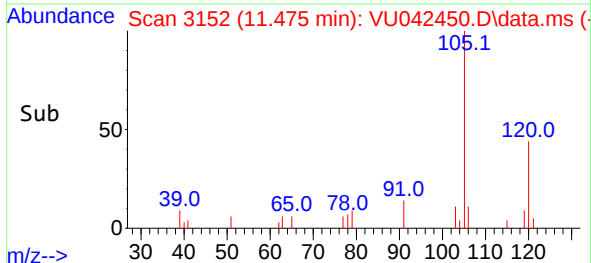
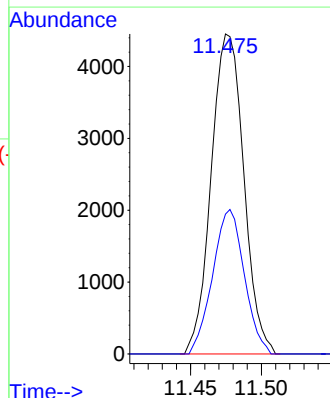
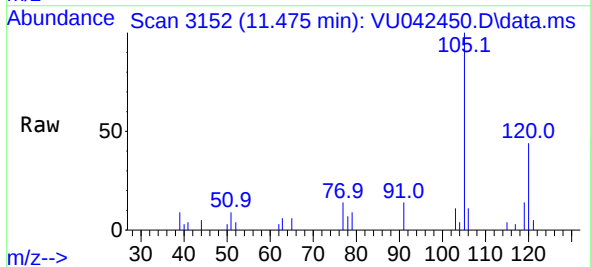
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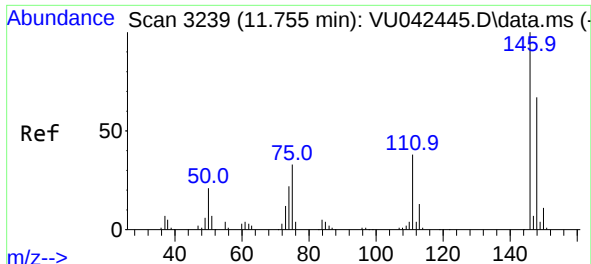
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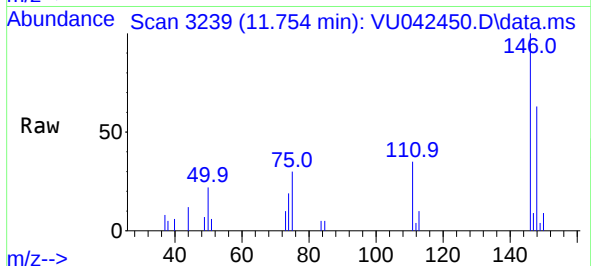
#63
1,2,4-Trimethylbenzene
Concen: 0.25 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU042450.D
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Tgt Ion:105 Resp: 7129
Ion Ratio Lower Upper
105 100
120 43.8 35.4 53.2

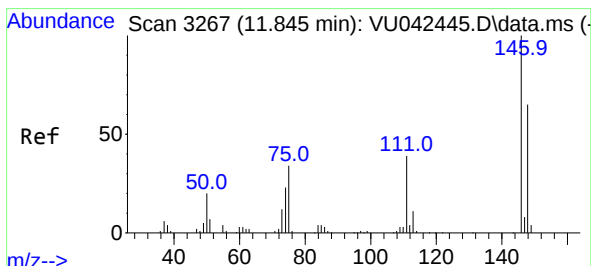
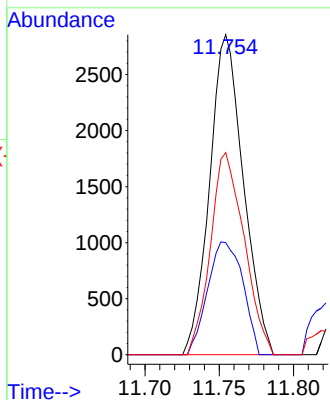
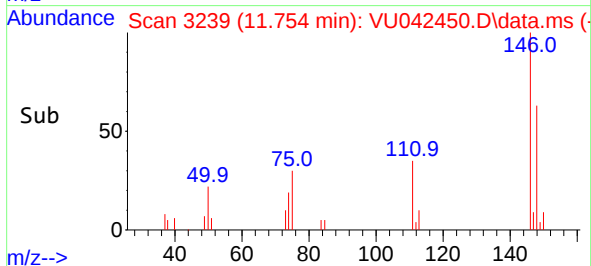




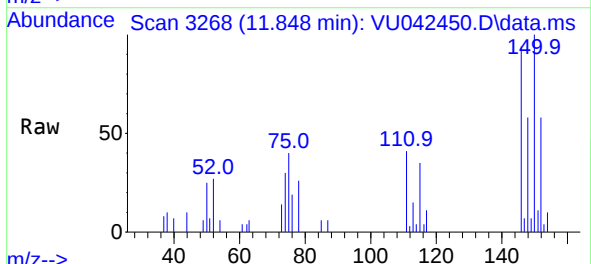
#64
1,3-Dichlorobenzene
Concen: 0.28 ug/L
RT: 11.754 min Scan# 3239
Delta R.T. -0.000 min
Lab File: VU042450.D
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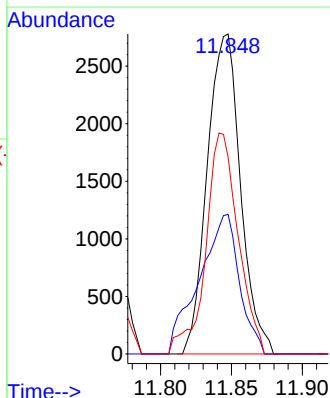
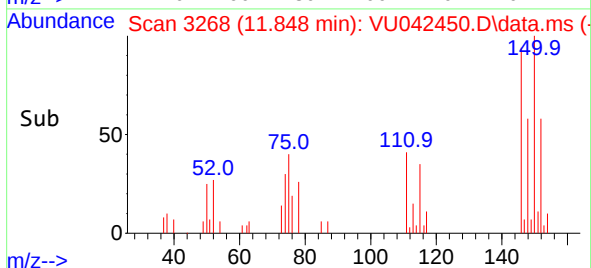
Tgt Ion:146 Resp: 4524
Ion Ratio Lower Upper
146 100
111 35.0 26.9 49.9
148 63.1 46.7 86.7



#65
1,4-Dichlorobenzene
Concen: 0.28 ug/L
RT: 11.848 min Scan# 3268
Delta R.T. 0.003 min
Lab File: VU042450.D
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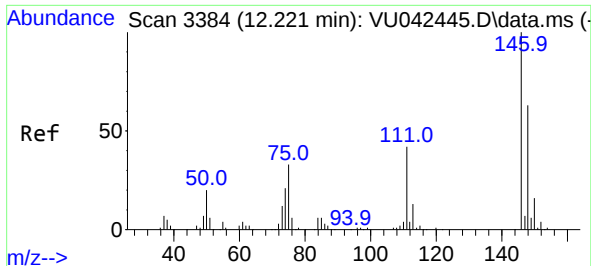
Tgt Ion:146 Resp: 4543
Ion Ratio Lower Upper
146 100
111 43.6 27.2 50.6
148 61.5 45.6 84.6



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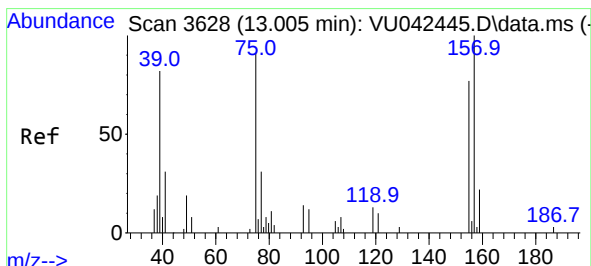
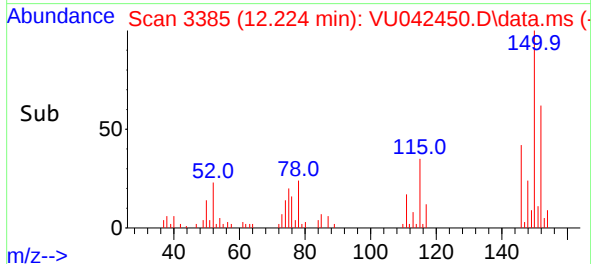
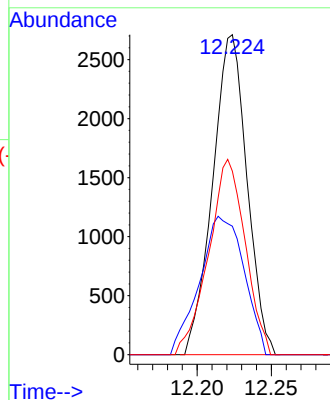
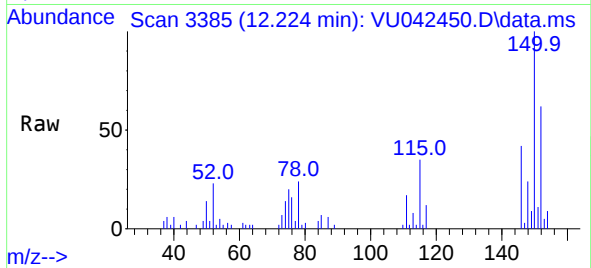
#67
1,2-Dichlorobenzene
Concen: 0.28 ug/L
RT: 12.224 min Scan# 3385
Delta R.T. 0.003 min
Lab File: VU042450.D
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Tgt Ion:	146	Resp:	4363
Ion	Ratio	Lower	Upper
146	100		
111	40.2	33.9	50.9
148	57.4	50.2	75.4

Instrument :
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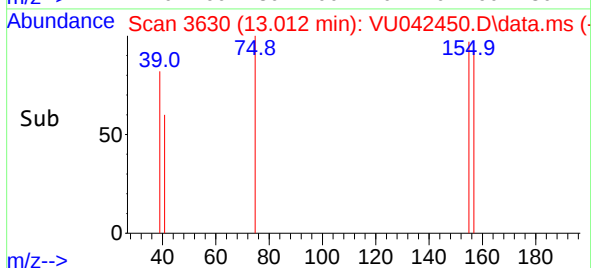
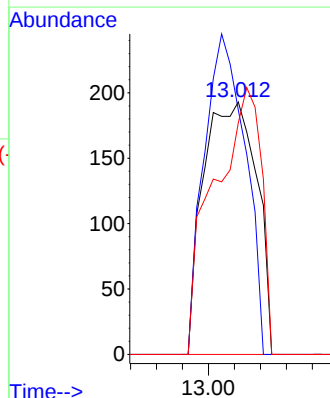
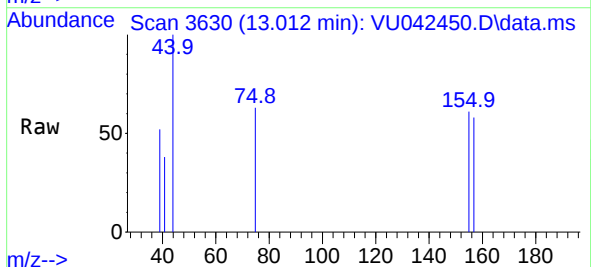
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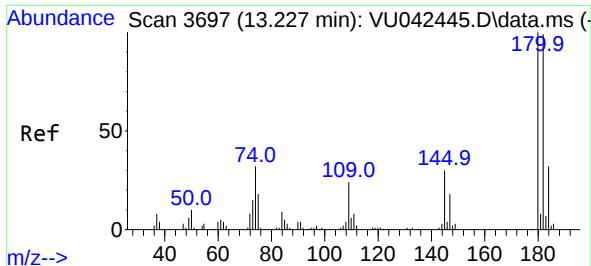
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#68
1,2-Dibromo-3-chloropropane
Concen: 0.22 ug/L
RT: 13.012 min Scan# 3630
Delta R.T. 0.006 min
Lab File: VU042450.D
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Tgt Ion:	75	Resp:	273
Ion	Ratio	Lower	Upper
75	100		
155	96.9	67.6	101.4
157	91.7	88.3	132.5





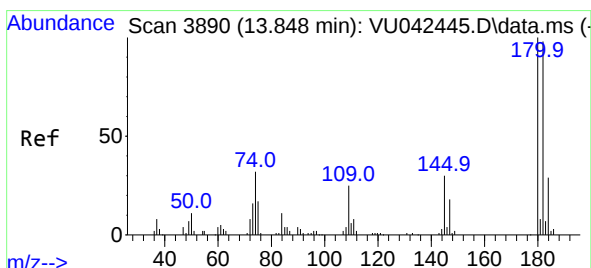
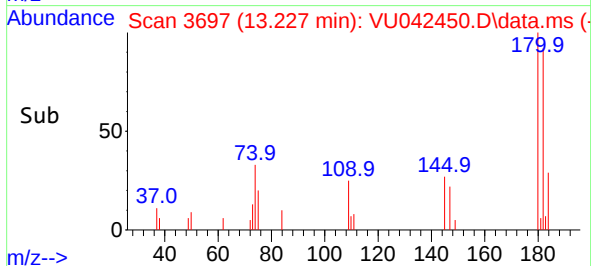
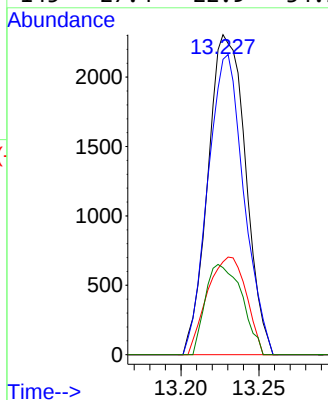
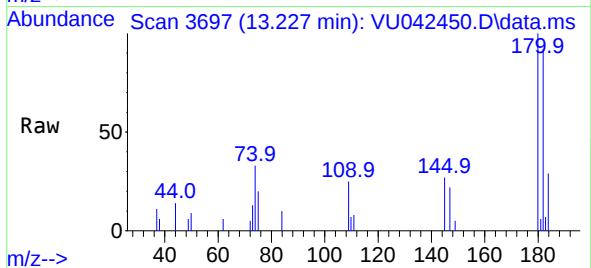
#69
1,3,5-Trichlorobenzene
Concen: 0.29 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. -0.000 min
Lab File: VU042450.D
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Tgt Ion:	180	Resp:	3862
Ion Ratio	Lower	Upper	
180	100		
182	89.8	76.9	115.3
184	31.4	24.9	37.3
145	27.4	22.9	34.3

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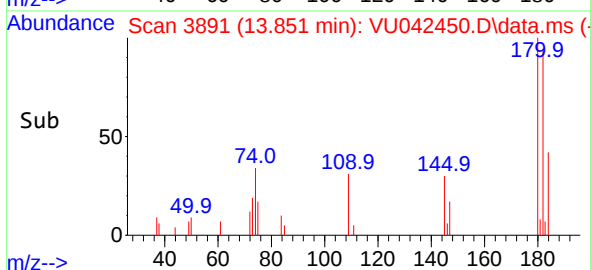
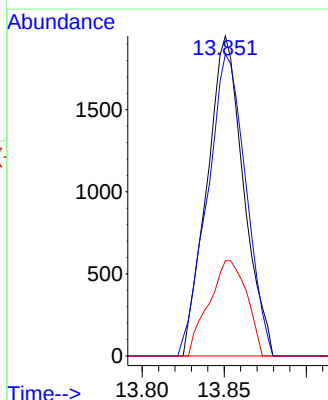
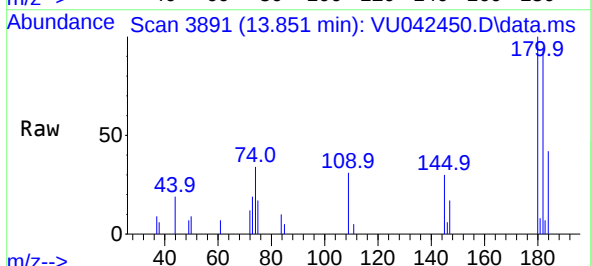
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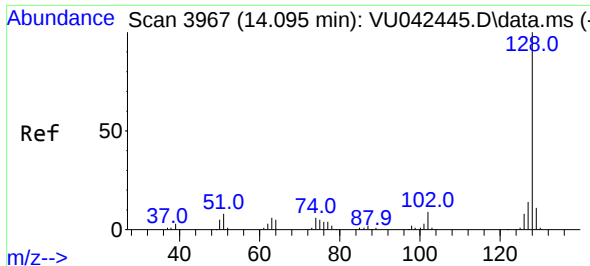
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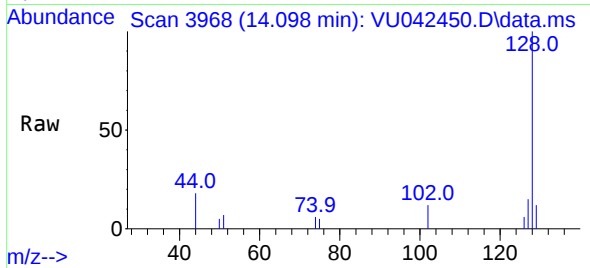
#70
1,2,4-trichlorobenzene
Concen: 0.29 ug/L
RT: 13.851 min Scan# 3891
Delta R.T. 0.003 min
Lab File: VU042450.D
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Tgt Ion:	180	Resp:	3005
Ion Ratio	Lower	Upper	
180	100		
182	99.4	76.5	114.7
145	30.8	23.8	35.8

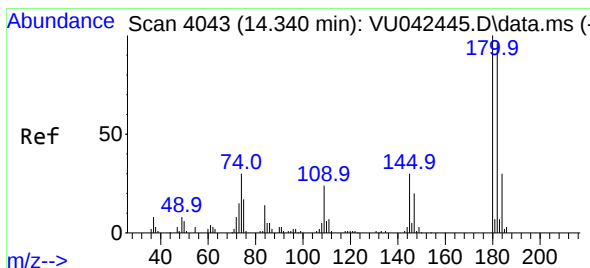
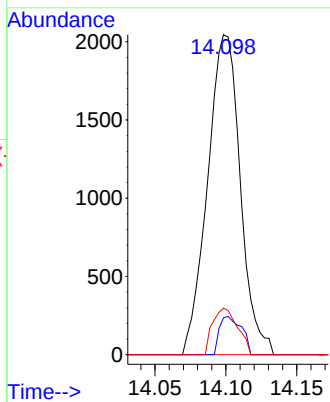
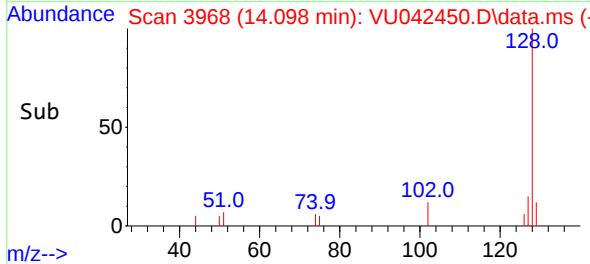




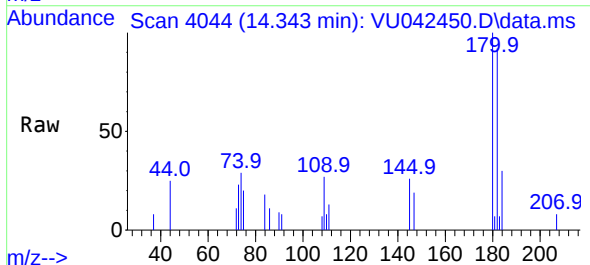
#71
Naphthalene
Concen: 0.21 ug/L
RT: 14.098 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU042450.D
Acq: 26 Feb 2021 16:11



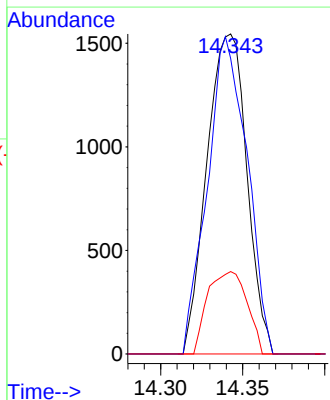
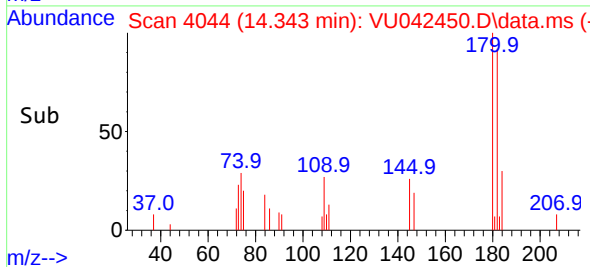
Tgt Ion:128 Resp: 3288
Ion Ratio Lower Upper
128 100
129 8.0 8.7 13.1#
127 11.1 11.0 16.4



#72
1,2,3-Trichlorobenzene
Concen: 0.28 ug/L
RT: 14.343 min Scan# 4044
Delta R.T. 0.003 min
Lab File: VU042450.D
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Tgt Ion:180 Resp: 2618
Ion Ratio Lower Upper
180 100
182 98.2 76.6 114.8
145 25.3 24.3 36.5



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