

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030121\
 Data File : VX020934.D
 Acq On : 01 Mar 2021 11:48
 Operator : JC/MD
 Sample : M1344-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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 3/2/2021 3:31:37 PM

Quant Time: Mar 01 15:59:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML022621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 26 12:33:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.829	114	289785	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.094	117	253349	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.059	152	107863	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.393	65	84097	43.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.38%
7) Chloroethane-d5	1.693	69	76981	47.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.16%
11) 1,1-Dichloroethene-d2	2.346	63	127878	34.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.52%
21) 2-Butanone-d5	4.523	46	122315	102.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.94%
24) Chloroform-d	5.135	84	181637	49.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.62%
26) 1,2-Dichloroethane-d4	6.029	65	116018	49.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.60%
32) Benzene-d6	6.047	84	372528	49.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	7.365	67	116038	50.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.42%
41) Toluene-d8	8.694	98	325981	48.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.90%
43) trans-1,3-Dichloroprop...	8.994	79	58573	48.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.30%
47) 2-Hexanone-d5	9.424	63	93950	100.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.20%
56) 1,1,2,2-Tetrachloroeth...	11.230	84	140918	49.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.24%
66) 1,2-Dichlorobenzene-d4	12.359	152	108948	52.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.54%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.187	85	5277	2.42	ug/L	99
3) Chloromethane	1.311	50	4913	2.51	ug/L	94
5) Vinyl chloride	1.393	62	5718	2.48	ug/L #	65
6) Bromomethane	1.634	94	3165	2.90	ug/L	95
8) Chloroethane	1.717	64	3465	2.40	ug/L	93
9) Trichlorofluoromethane	1.917	101	7336	2.44	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.364	101	5847	2.93	ug/L #	84
12) 1,1-Dichloroethene	2.358	96	5487	2.83	ug/L #	1
13) Acetone	2.423	43	5230	5.18	ug/L	97
14) Carbon disulfide	2.552	76	13095	2.33	ug/L	98
15) Methyl Acetate	2.752	43	4253	2.23	ug/L	96
16) Methylene chloride	2.835	84	5805	2.68	ug/L	90
17) trans-1,2-Dichloroethene	3.140	96	5127	2.46	ug/L	92
18) Methyl tert-butyl Ether	3.164	73	15632	2.29	ug/L	99
19) 1,1-Dichloroethane	3.670	63	8474	2.33	ug/L	99
20) cis-1,2-Dichloroethene	4.558	96	5582	2.40	ug/L	93
22) 2-Butanone	4.635	43	7379	5.15	ug/L	95
23) Bromochloromethane	4.982	128	2781m	2.42	ug/L	
25) Chloroform	5.170	83	10495	2.70	ug/L	100

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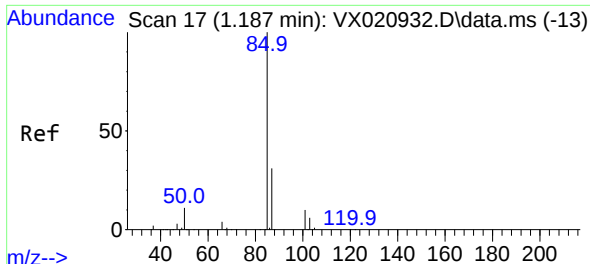
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Quant Time: Mar 01 15:59:56 2021
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 Quant Title : VOC Analysis
 QLast Update : Fri Feb 26 12:33:14 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.159	62	7007	2.45	ug/L	100
29) Cyclohexane	5.547	56	7519	2.34	ug/L	97
30) 1,1,1-Trichloroethane	5.464	97	7889	2.43	ug/L #	85
31) Carbon tetrachloride	5.753	117	6290	2.33	ug/L	99
33) Benzene	6.106	78	19758	2.38	ug/L	100
34) Trichloroethene	7.188	95	5499	2.50	ug/L	92
35) Methylcyclohexane	7.435	83	7954	2.36	ug/L	97
37) 1,2-Dichloropropane	7.488	63	5083	2.45	ug/L #	94
38) Bromodichloromethane	7.870	83	6682	2.32	ug/L	96
39) cis-1,3-Dichloropropene	8.412	75	8123	2.39	ug/L	100
40) 4-Methyl-2-pentanone	8.618	43	11243	4.43	ug/L	98
42) Toluene	8.765	91	20587	2.39	ug/L	100
44) trans-1,3-Dichloropropene	9.018	75	7176	2.21	ug/L	95
45) 1,1,2-Trichloroethane	9.194	97	4807	2.33	ug/L	96
46) Tetrachloroethene	9.318	164	3790	2.41	ug/L	92
48) 2-Hexanone	9.471	43	10074	5.20	ug/L	95
49) Dibromochloromethane	9.565	129	5050	2.32	ug/L	100
50) 1,2-Dibromoethane	9.653	107	4846	2.26	ug/L #	91
51) Chlorobenzene	10.118	112	12695	2.33	ug/L	96
52) Ethylbenzene	10.236	91	21335	2.25	ug/L	97
53) m,p-Xylene	10.341	106	7698	2.15	ug/L	92
54) o-Xylene	10.683	106	7921	2.27	ug/L	88
55) Styrene	10.694	104	12927	2.13	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.247	83	7036	2.38	ug/L #	91
59) Bromoform	10.836	173	3155	2.32	ug/L	95
60) Isopropylbenzene	11.000	105	19840	2.40	ug/L	99
61) 1,2,3-Trichloropropane	11.277	75	5328	2.46	ug/L	97
62) 1,3,5-Trimethylbenzene	11.489	105	16008	2.36	ug/L	99
63) 1,2,4-Trimethylbenzene	11.789	105	15800	2.32	ug/L	100
64) 1,3-Dichlorobenzene	12.006	146	8862	2.50	ug/L	92
65) 1,4-Dichlorobenzene	12.083	146	8896	2.51	ug/L	94
67) 1,2-Dichlorobenzene	12.377	146	8914	2.55	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.983	75	1474	2.47	ug/L	90
69) 1,3,5-Trichlorobenzene	13.154	180	5672	2.36	ug/L	97
70) 1,2,4-trichlorobenzene	13.630	180	5078	2.38	ug/L	99
71) Naphthalene	13.818	128	15646	2.03	ug/L	98
72) 1,2,3-Trichlorobenzene	14.001	180	5056	2.34	ug/L	97

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



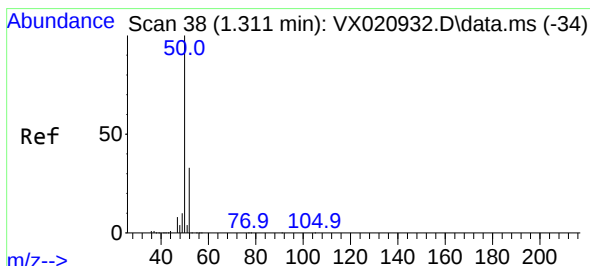
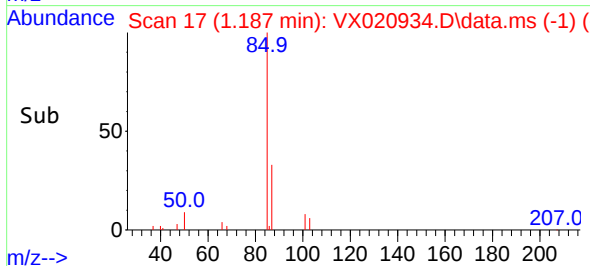
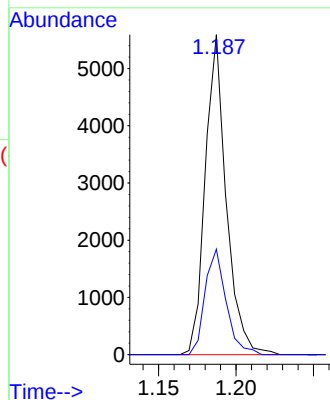
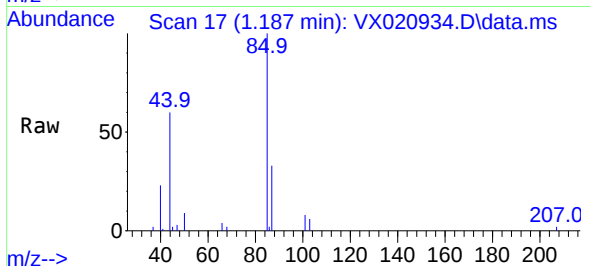
#2
Dichlorodifluoromethane
Concen: 2.42 ug/L
RT: 1.187 min Scan# 17
Delta R.T. 0.000 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48

Tgt Ion: 85 Resp: 5277
Ion Ratio Lower Upper
85 100
87 33.0 25.9 38.9

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

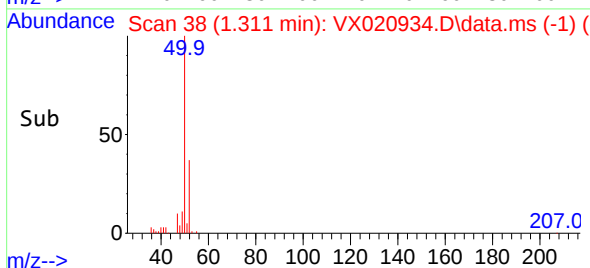
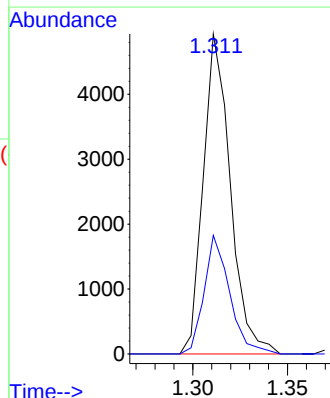
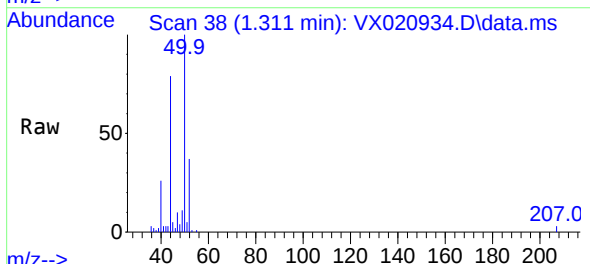
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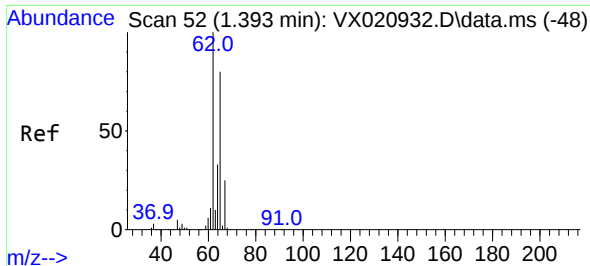
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#3
Chloromethane
Concen: 2.51 ug/L
RT: 1.311 min Scan# 38
Delta R.T. -0.006 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48

Tgt Ion: 50 Resp: 4913
Ion Ratio Lower Upper
50 100
52 37.1 23.7 43.9





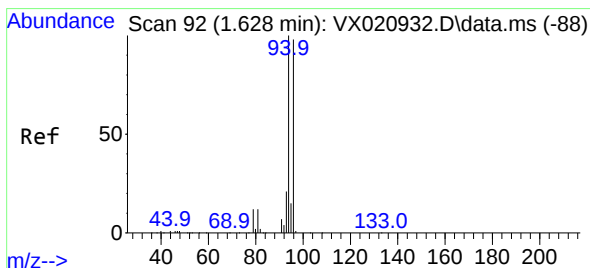
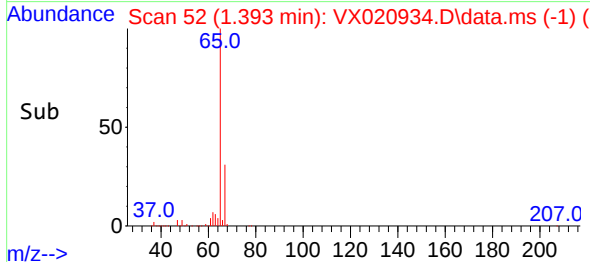
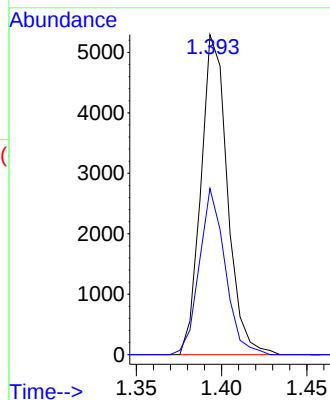
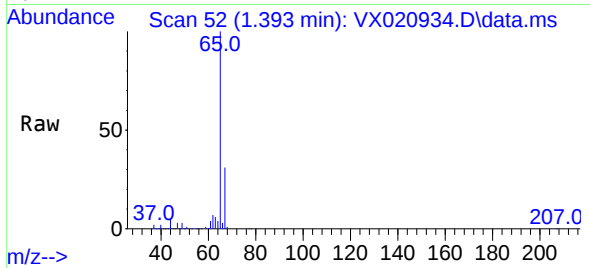
#5
 Vinyl chloride
 Concen: 2.48 ug/L
 RT: 1.393 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VX020934.D
 Acq: 01 Mar 2021 11:48

Tgt Ion: 62 Resp: 5718
 Ion Ratio Lower Upper
 62 100
 64 52.0 22.7 42.3#

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

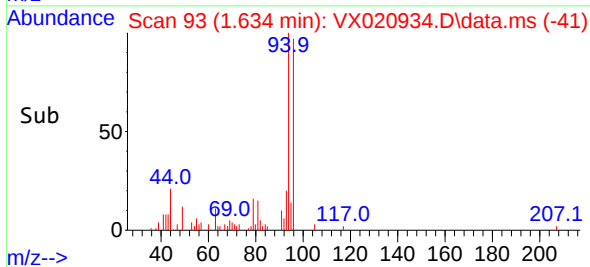
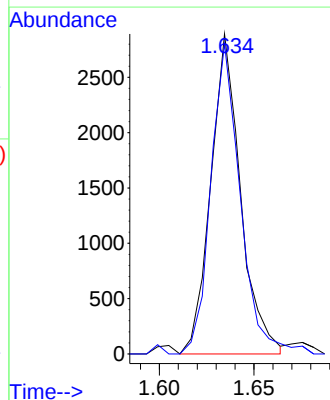
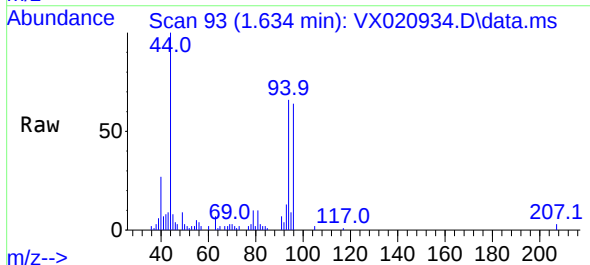
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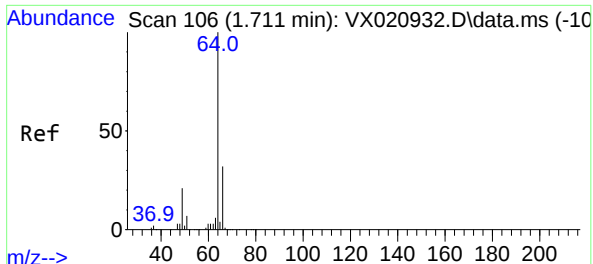
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#6
 Bromomethane
 Concen: 2.90 ug/L
 RT: 1.634 min Scan# 93
 Delta R.T. 0.006 min
 Lab File: VX020934.D
 Acq: 01 Mar 2021 11:48

Tgt Ion: 94 Resp: 3165
 Ion Ratio Lower Upper
 94 100
 96 97.0 64.8 120.3





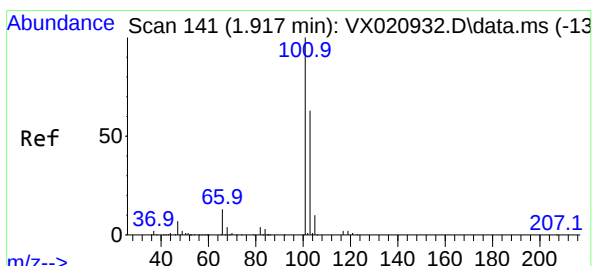
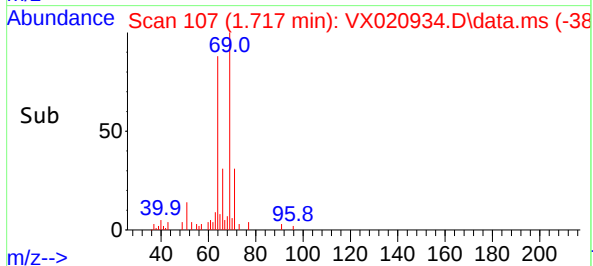
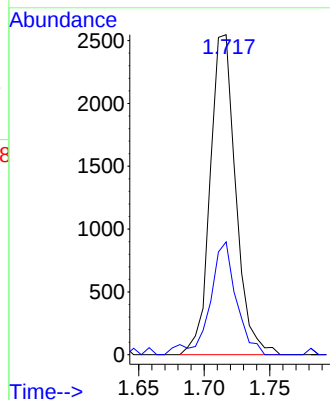
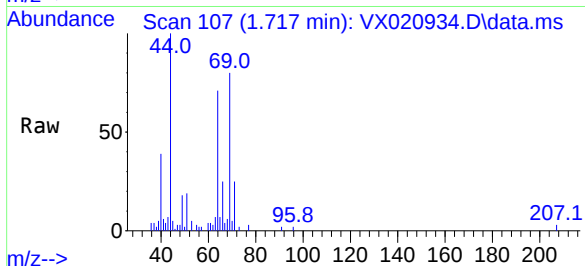
#8
Chloroethane
Concen: 2.40 ug/L
RT: 1.717 min Scan# 107
Delta R.T. 0.006 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48

Tgt Ion: 64 Resp: 3465
Ion Ratio Lower Upper
64 100
66 35.3 22.0 41.0

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

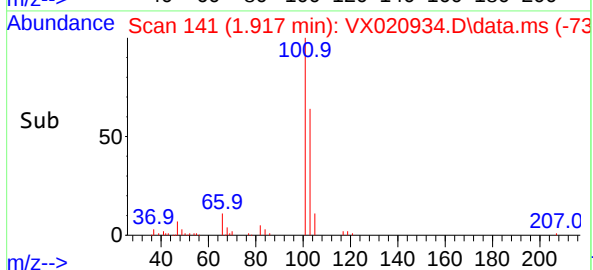
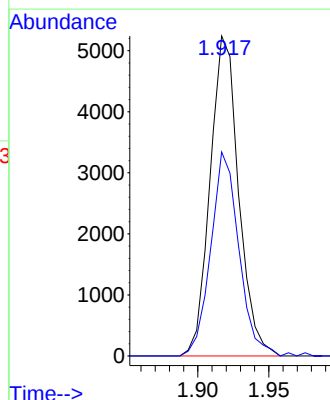
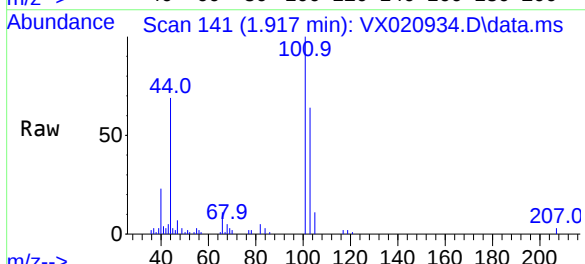
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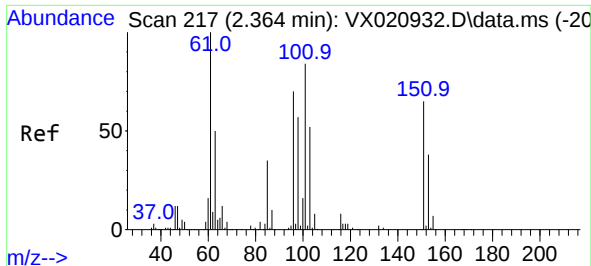
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#9
Trichlorofluoromethane
Concen: 2.44 ug/L
RT: 1.917 min Scan# 141
Delta R.T. 0.000 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48

Tgt Ion: 101 Resp: 7336
Ion Ratio Lower Upper
101 100
103 62.7 52.2 78.2





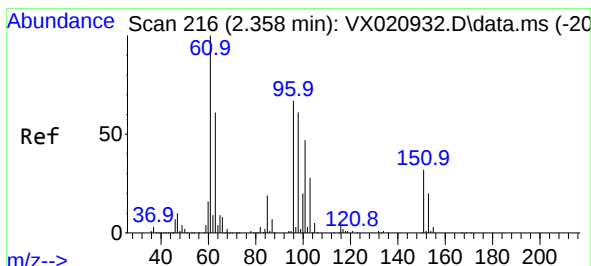
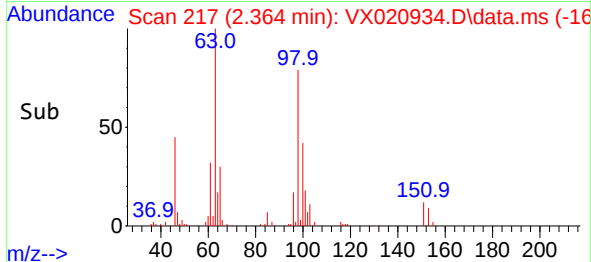
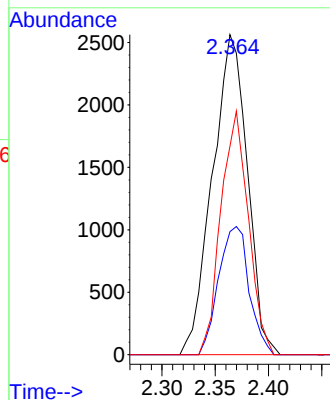
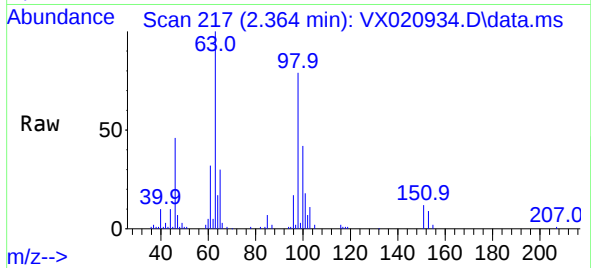
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.93 ug/L
RT: 2.364 min Scan# 217
Delta R.T. 0.000 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48

Tgt Ion: 101 Resp: 5847
Ion Ratio Lower Upper
101 100
85 34.9 34.3 51.5
151 59.8 60.7 91.1#

Instrument :
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ClientSampleId :
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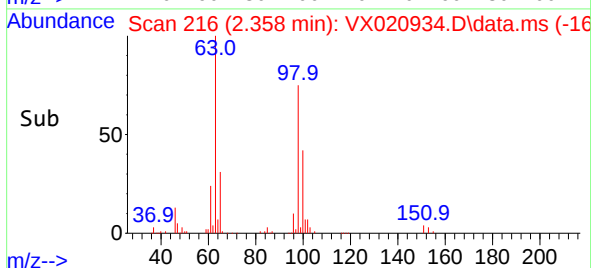
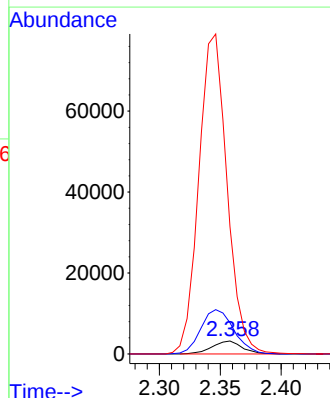
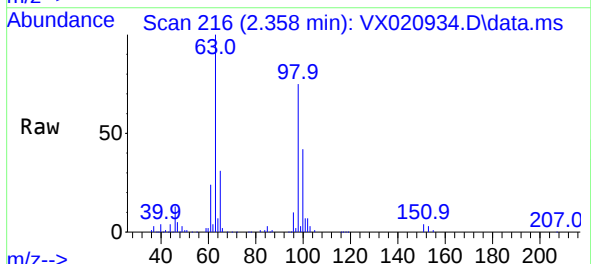
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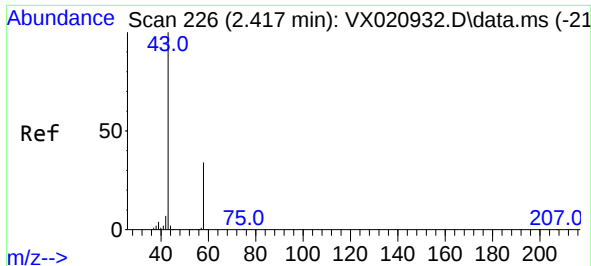
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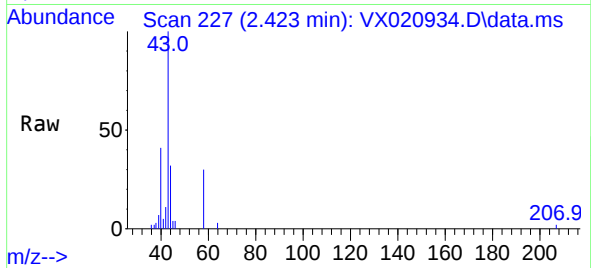
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1,1-Dichloroethene
Concen: 2.83 ug/L
RT: 2.358 min Scan# 216
Delta R.T. 0.000 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48

Tgt Ion: 96 Resp: 5487
Ion Ratio Lower Upper
96 100
61 240.8 115.5 214.5#
63 985.1 77.3 143.7#

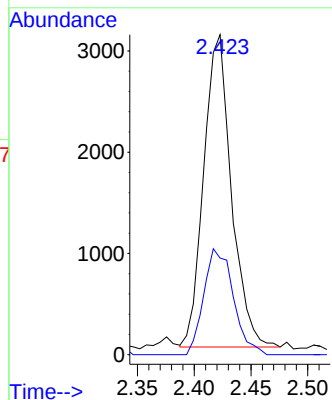




#13
Acetone
Concen: 5.18 ug/L
RT: 2.423 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48



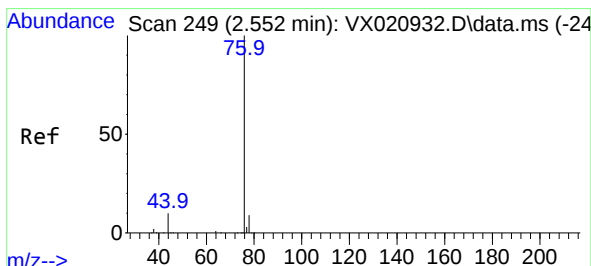
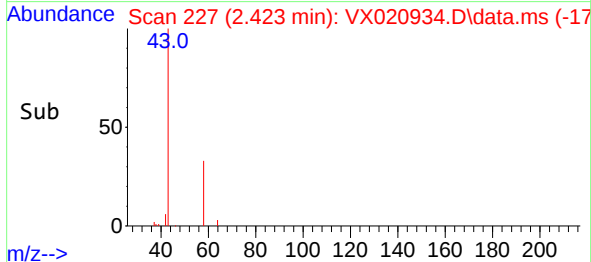
Tgt Ion: 43 Resp: 5230
Ion Ratio Lower Upper
43 100
58 36.1 0.0 68.2



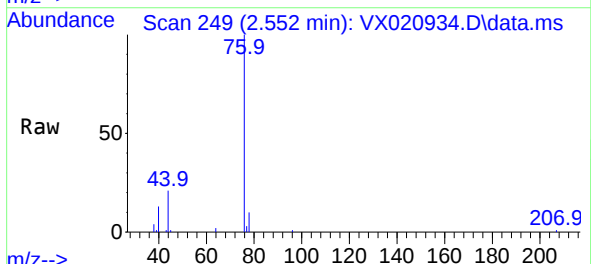
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2021-04

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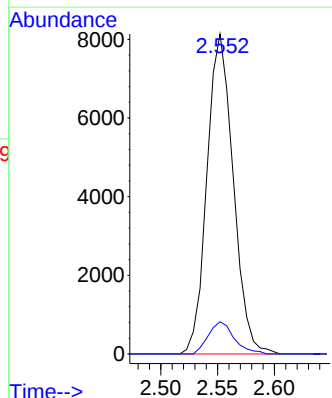
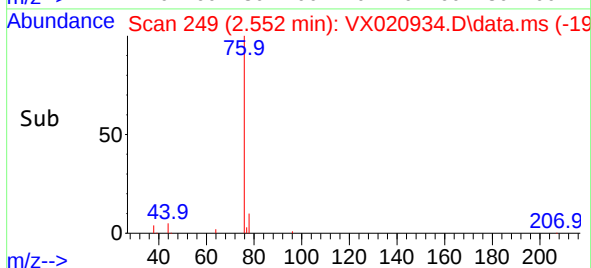
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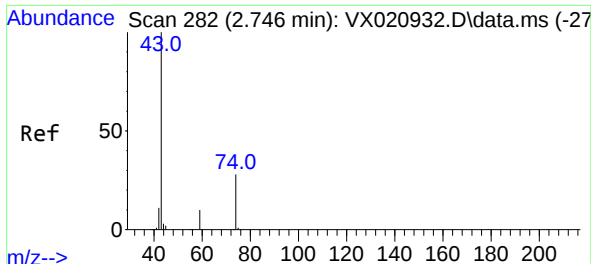


#14
Carbon disulfide
Concen: 2.33 ug/L
RT: 2.552 min Scan# 249
Delta R.T. 0.000 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48



Tgt Ion: 76 Resp: 13095
Ion Ratio Lower Upper
76 100
78 10.1 7.6 11.4





#15

Methyl Acetate

Concen: 2.23 ug/L

RT: 2.752 min Scan# 283

Delta R.T. 0.000 min

Lab File: VX020934.D

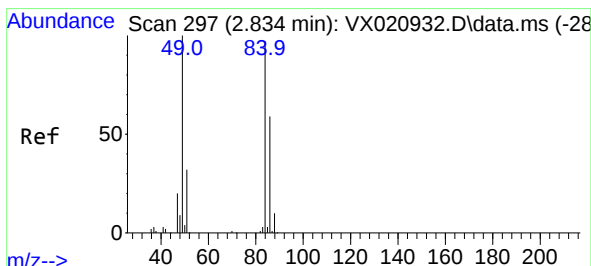
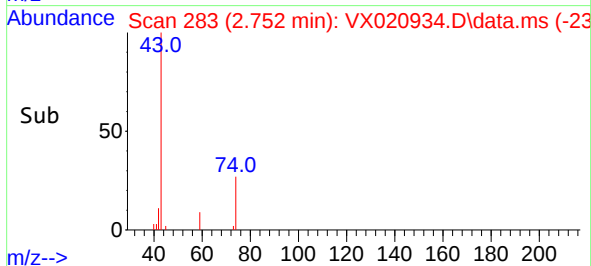
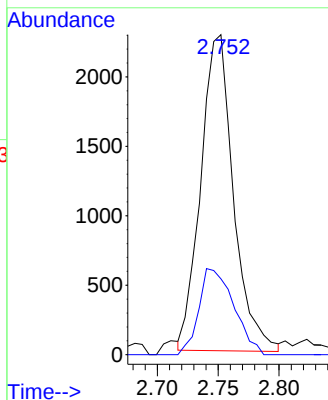
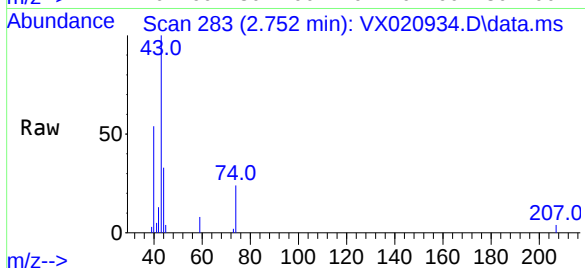
Acq: 01 Mar 2021 11:48

Tgt Ion: 43 Resp: 4253

Ion Ratio Lower Upper

43 100

74 29.1 21.7 32.5



#16

Methylene chloride

Concen: 2.68 ug/L

RT: 2.835 min Scan# 297

Delta R.T. 0.000 min

Lab File: VX020934.D

Acq: 01 Mar 2021 11:48

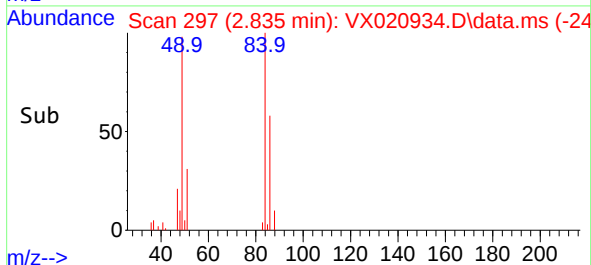
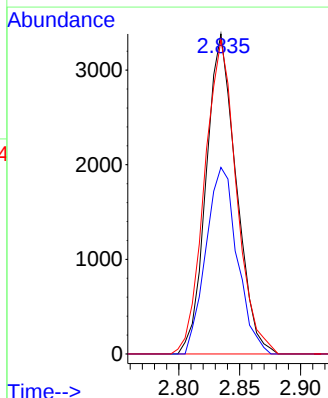
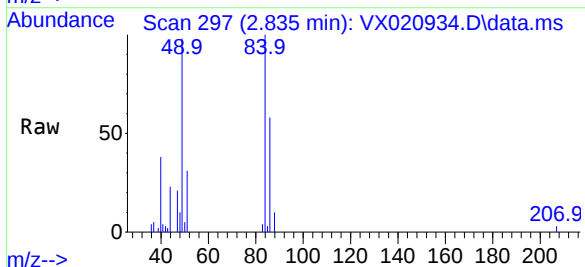
Tgt Ion: 84 Resp: 5805

Ion Ratio Lower Upper

84 100

86 58.3 44.2 82.0

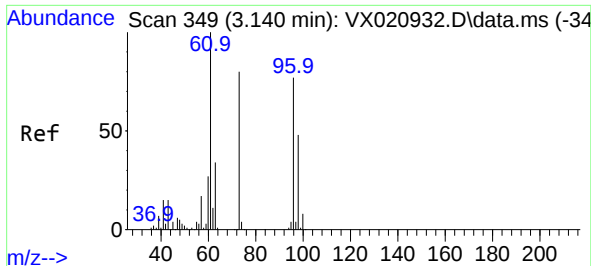
49 98.1 77.8 144.6



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

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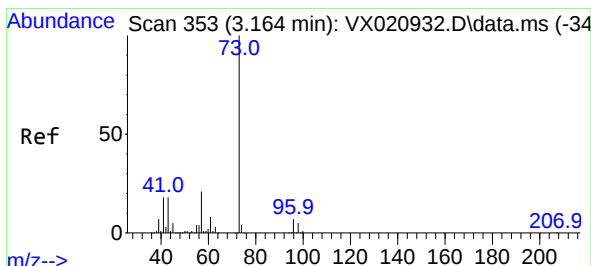
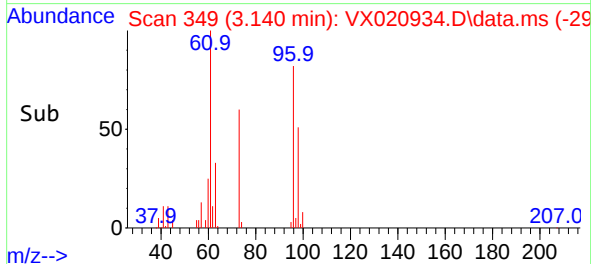
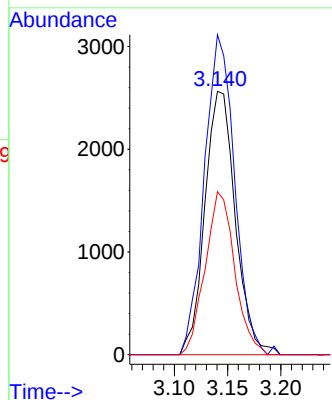
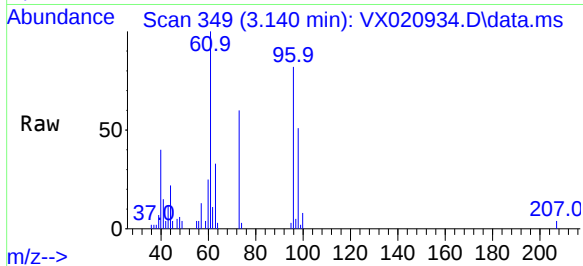
#17
trans-1,2-Dichloroethene
Concen: 2.46 ug/L
RT: 3.140 min Scan# 349
Delta R.T. 0.000 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48

Tgt Ion:	96	Resp:	5127
Ion	Ratio	Lower	Upper
96	100		
61	121.5	92.3	171.3
98	61.9	46.3	85.9

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

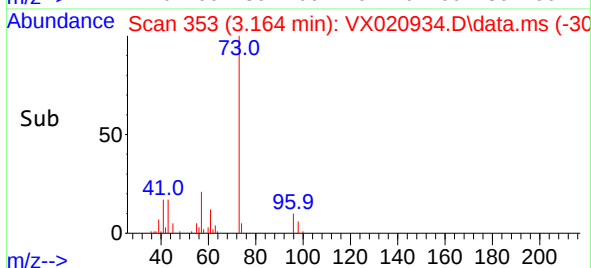
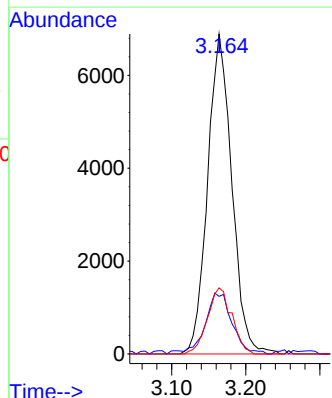
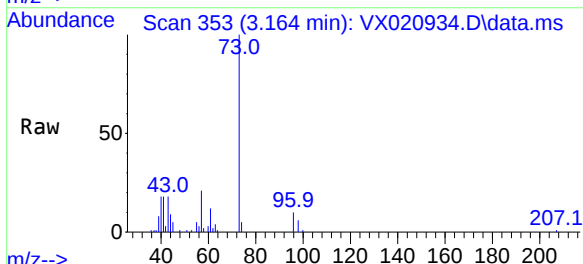
Manual Integrations
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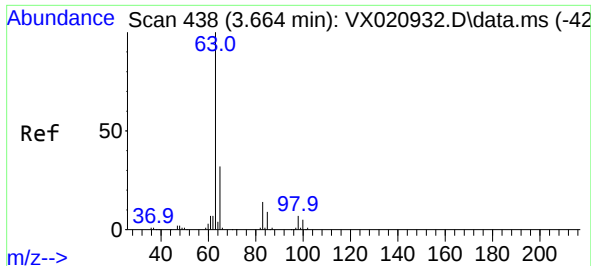
MMDadoda
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#18
Methyl tert-butyl Ether
Concen: 2.29 ug/L
RT: 3.164 min Scan# 353
Delta R.T. -0.006 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48

Tgt Ion:	73	Resp:	15632
Ion	Ratio	Lower	Upper
73	100		
43	18.6	15.1	22.7
57	20.8	17.4	26.2





#19

1,1-Dichloroethane

Concen: 2.33 ug/L

RT: 3.670 min Scan# 439

Delta R.T. 0.000 min

Lab File: VX020934.D

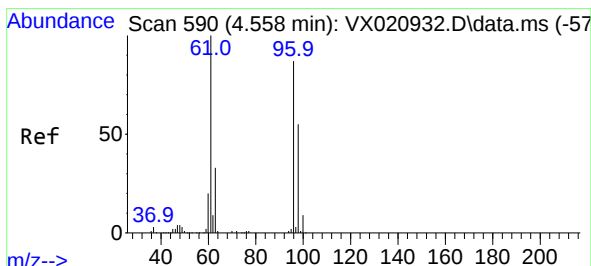
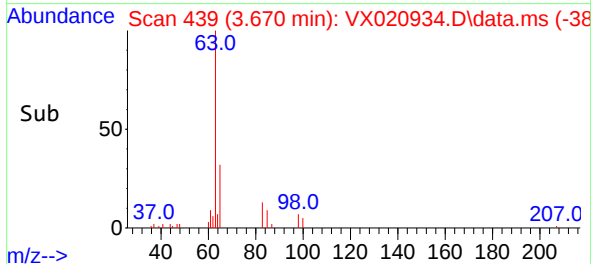
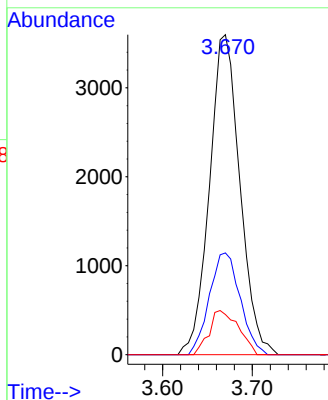
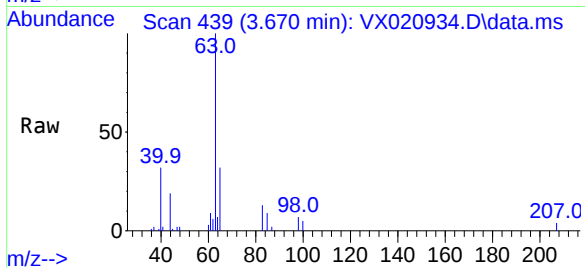
Acq: 01 Mar 2021 11:48

Tgt Ion:	63	Resp:	8474
Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.4	41.6
83	12.6	9.5	17.7

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

Manual Integrations
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#20

cis-1,2-Dichloroethene

Concen: 2.40 ug/L

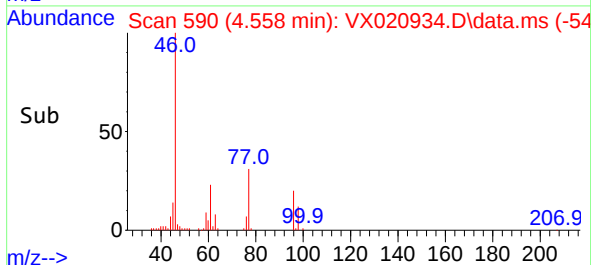
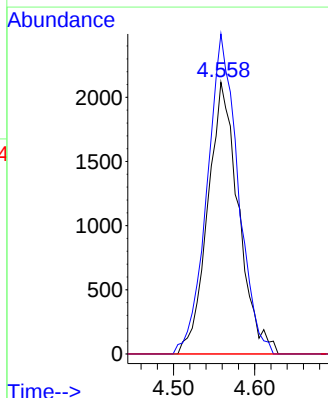
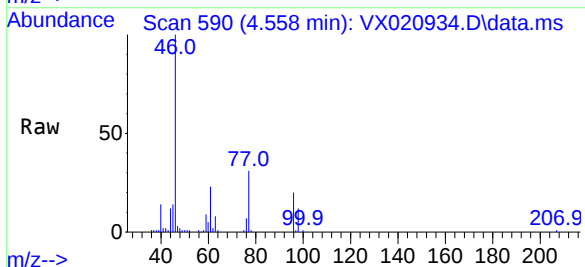
RT: 4.558 min Scan# 590

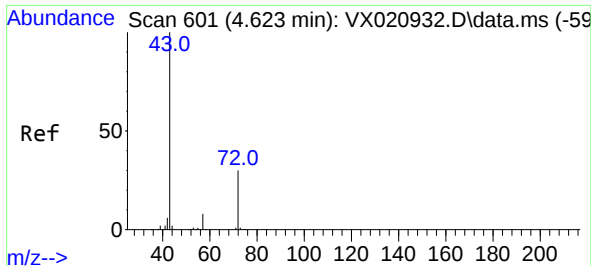
Delta R.T. -0.006 min

Lab File: VX020934.D

Acq: 01 Mar 2021 11:48

Tgt Ion:	96	Resp:	5582
Ion	Ratio	Lower	Upper
96	100		
61	117.8	87.8	163.0
68	0.0	0.0	0.0





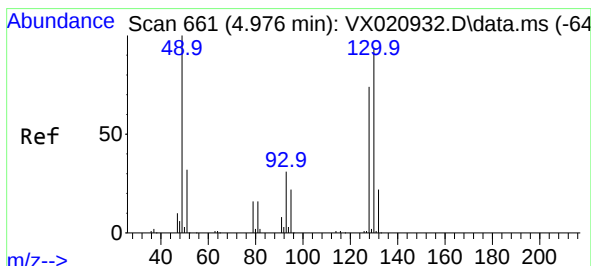
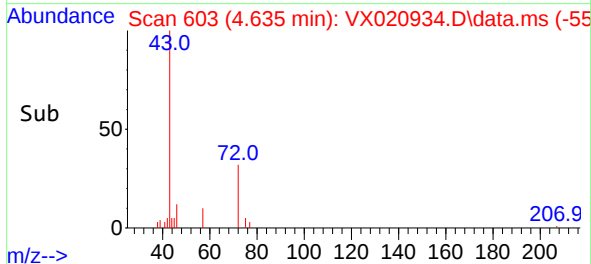
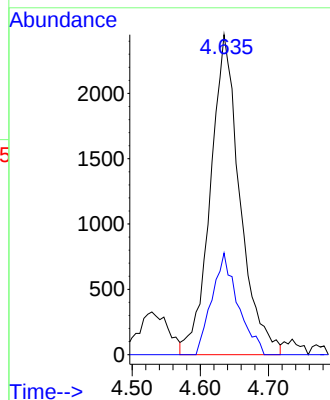
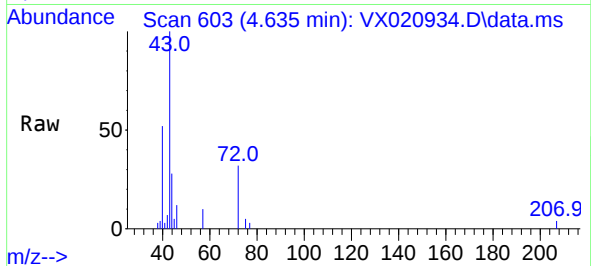
#22
2-Butanone
Concen: 5.15 ug/L
RT: 4.635 min Scan# 603
Delta R.T. 0.000 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48

Tgt Ion: 43 Resp: 7379
Ion Ratio Lower Upper
43 100
72 27.9 15.3 45.8

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

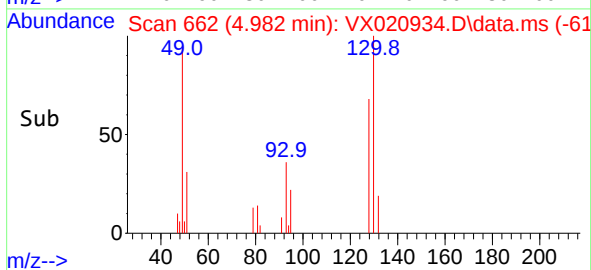
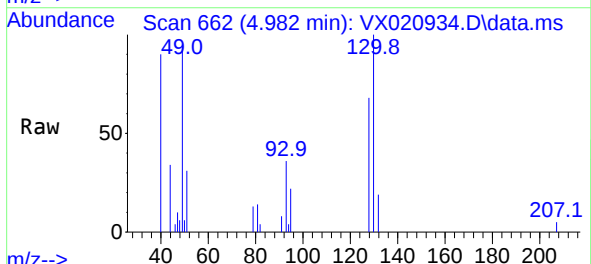
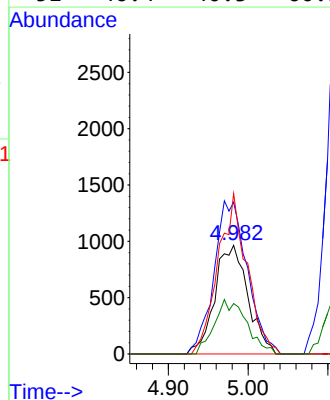
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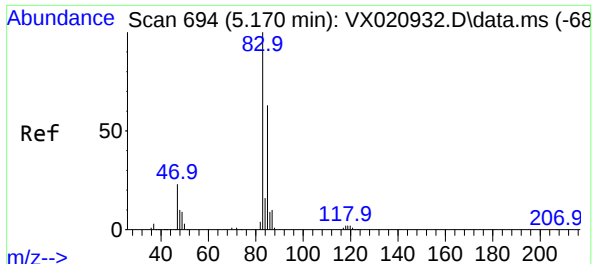
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#23
Bromochloromethane
Concen: 2.42 ug/L m
RT: 4.982 min Scan# 662
Delta R.T. 0.000 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48

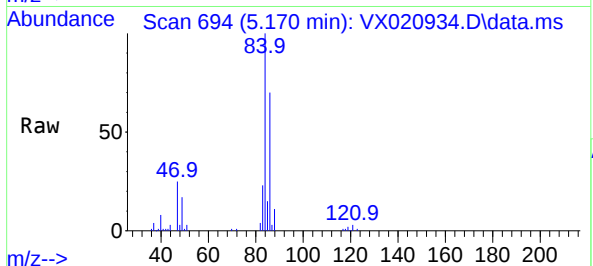
Tgt Ion: 128 Resp: 2781
Ion Ratio Lower Upper
128 100
49 139.7 107.5 199.7
130 147.7 91.1 169.3
51 46.4 40.3 60.5





#25
Chloroform
Concen: 2.70 ug/L
RT: 5.170 min Scan# 694
Delta R.T. -0.006 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48

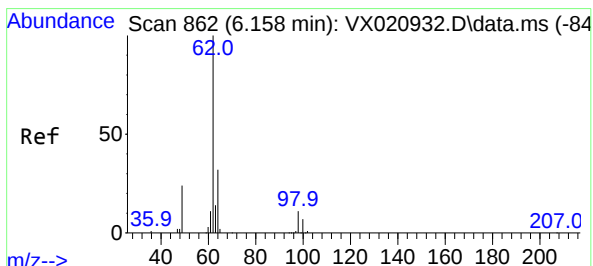
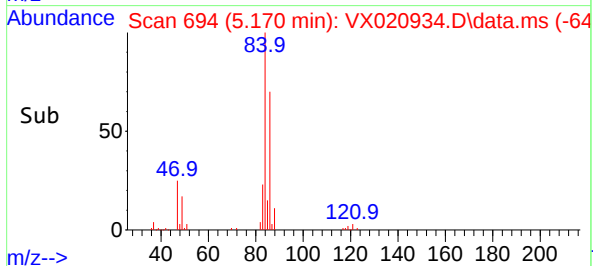
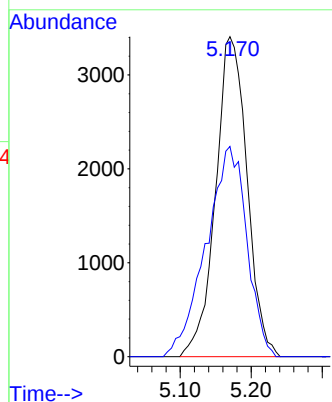
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2021-04



Tgt Ion: 83 Resp: 10495
Ion Ratio Lower Upper
83 100
85 65.7 46.3 85.9

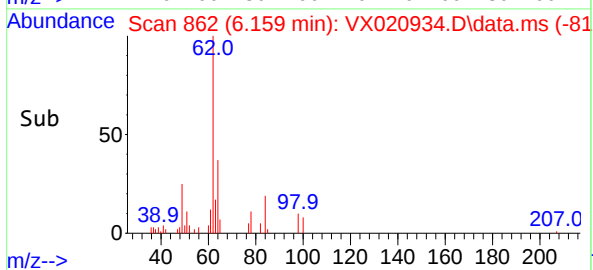
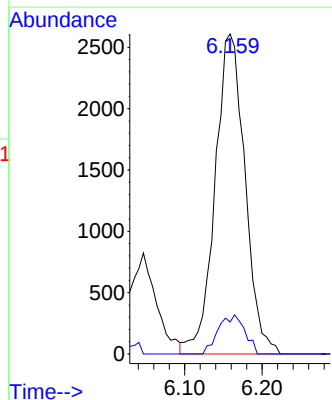
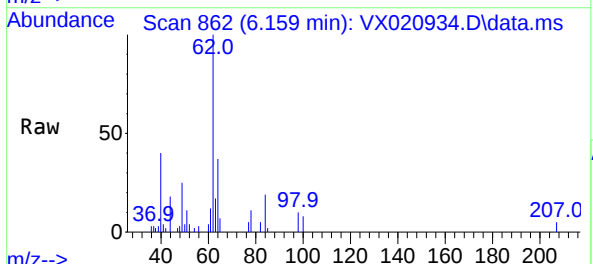
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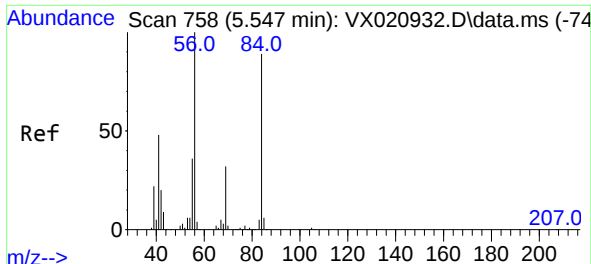
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#27
1,2-Dichloroethane
Concen: 2.45 ug/L
RT: 6.159 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48

Tgt Ion: 62 Resp: 7007
Ion Ratio Lower Upper
62 100
98 10.0 7.9 11.9





#29

Cyclohexane

Concen: 2.34 ug/L

RT: 5.547 min Scan# 758

Delta R.T. 0.000 min

Lab File: VX020934.D

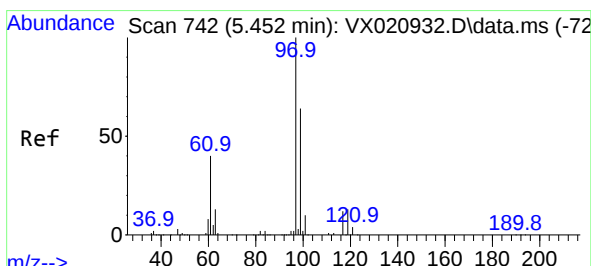
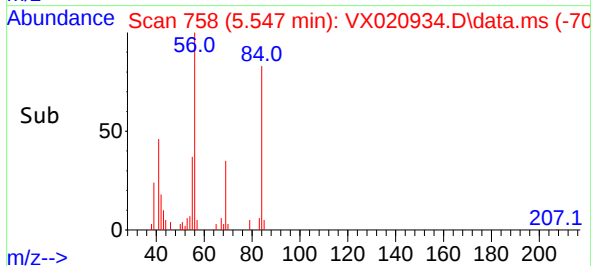
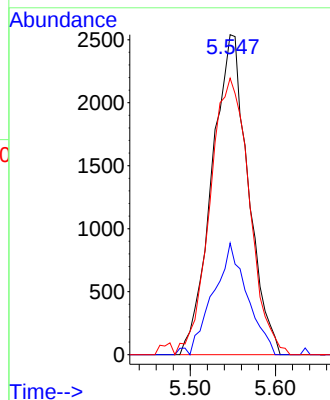
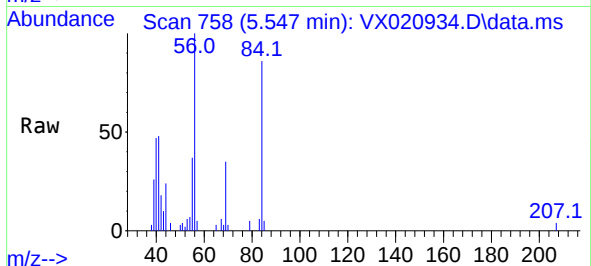
Acq: 01 Mar 2021 11:48

Tgt Ion:	56	Resp:	7519
Ion	Ratio	Lower	Upper
56	100		
69	32.4	25.7	38.5
84	93.9	72.4	108.6

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

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#30

1,1,1-Trichloroethane

Concen: 2.43 ug/L

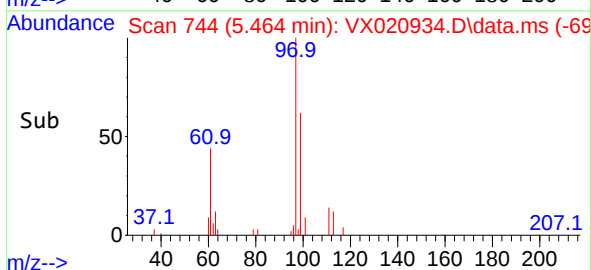
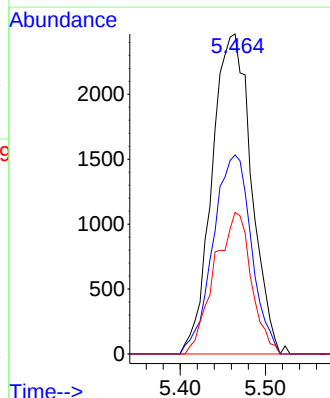
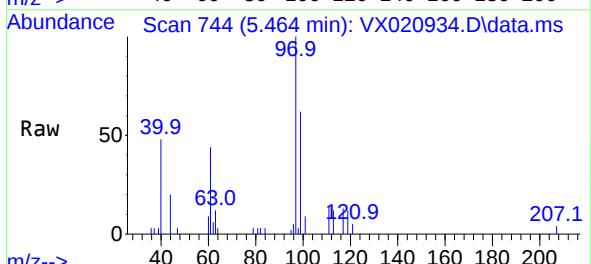
RT: 5.464 min Scan# 744

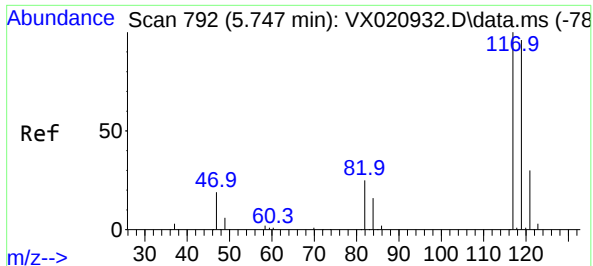
Delta R.T. 0.006 min

Lab File: VX020934.D

Acq: 01 Mar 2021 11:48

Tgt Ion:	97	Resp:	7889
Ion	Ratio	Lower	Upper
97	100		
99	60.7	52.1	78.1
61	25.2	35.3	52.9





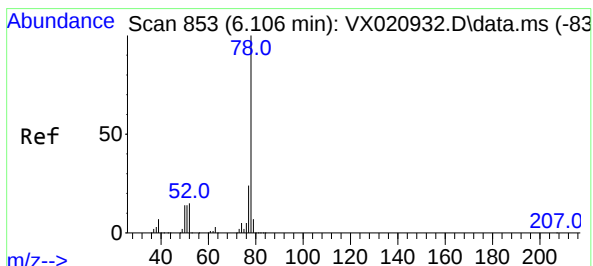
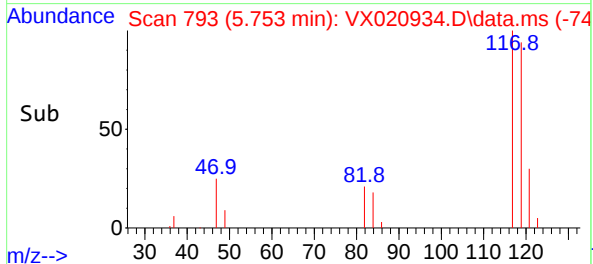
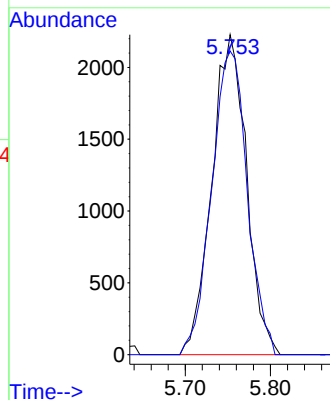
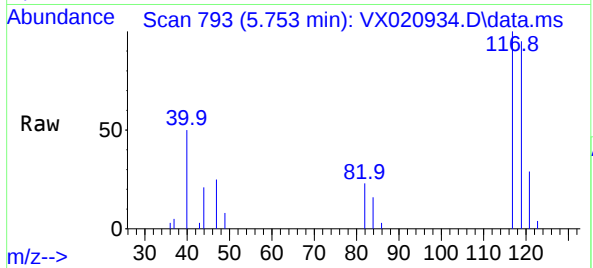
#31
Carbon tetrachloride
Concen: 2.33 ug/L
RT: 5.753 min Scan# 793
Delta R.T. 0.000 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48

Tgt Ion: 117 Resp: 6290
Ion Ratio Lower Upper
117 100
119 97.6 77.5 116.3

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

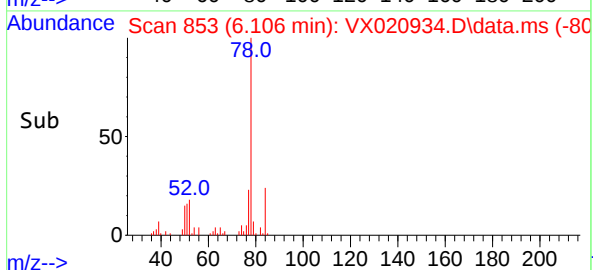
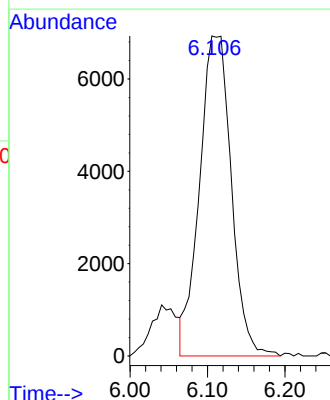
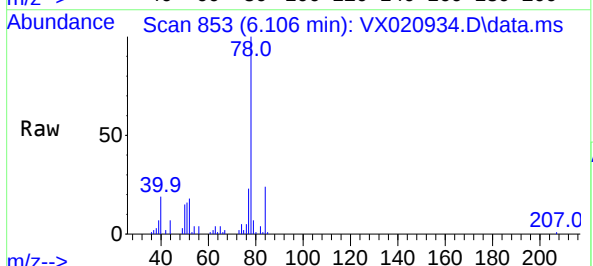
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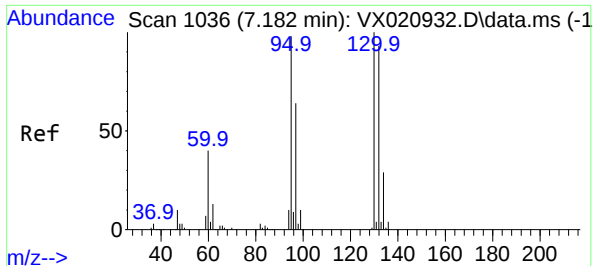
MMDadoda
3/2/2021 3:31:37 PM



#33
Benzene
Concen: 2.38 ug/L
RT: 6.106 min Scan# 853
Delta R.T. -0.006 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48

Tgt Ion: 78 Resp: 19758





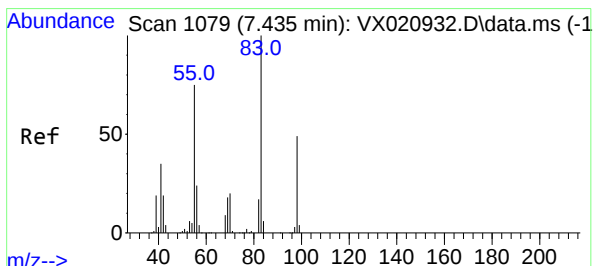
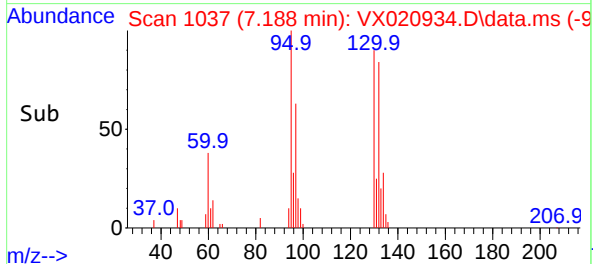
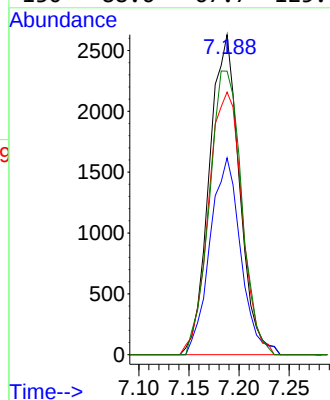
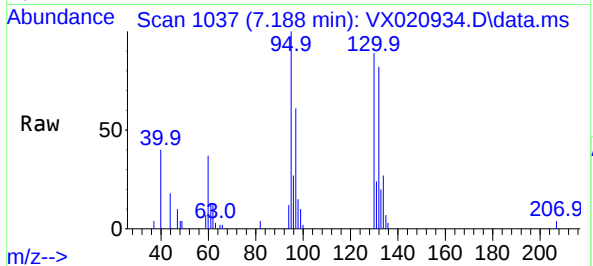
#34
Trichloroethene
Concen: 2.50 ug/L
RT: 7.188 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48

Tgt Ion:	95	Resp:	5499
Ion	Ratio	Lower	Upper
95	100		
97	61.5	44.5	82.7
132	82.1	65.2	121.0
130	88.6	67.7	125.7

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

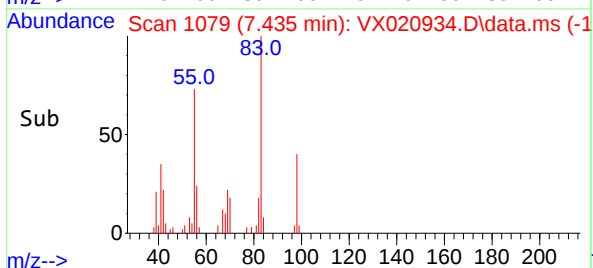
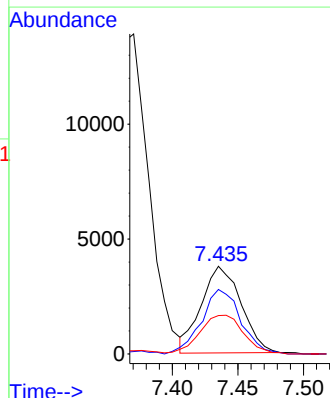
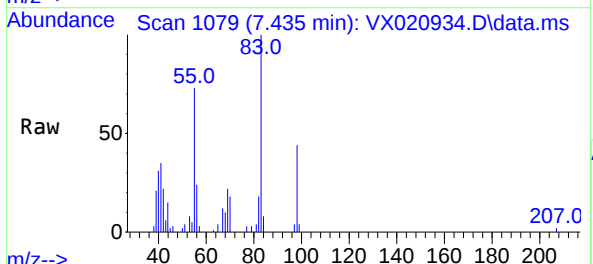
Manual Integrations
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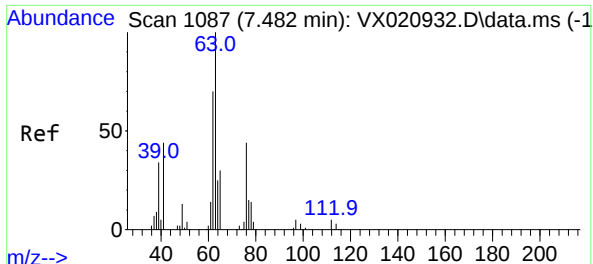
MMDadoda
3/2/2021 3:31:37 PM



#35
Methylcyclohexane
Concen: 2.36 ug/L
RT: 7.435 min Scan# 1079
Delta R.T. -0.006 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48

Tgt Ion:	83	Resp:	7954
Ion	Ratio	Lower	Upper
83	100		
55	73.5	61.2	91.8
98	49.2	38.7	58.1





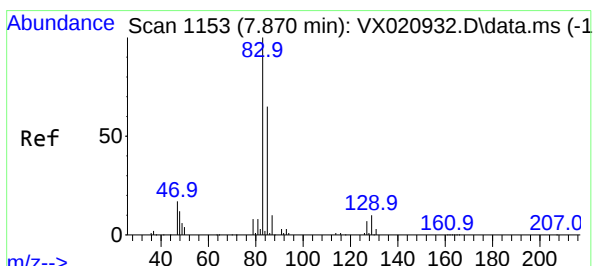
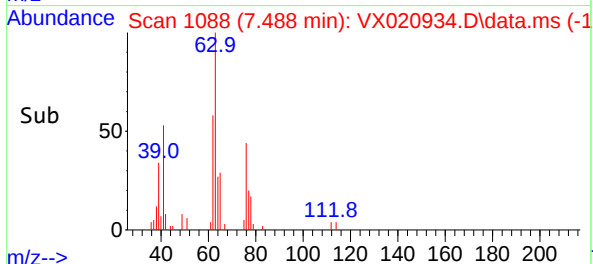
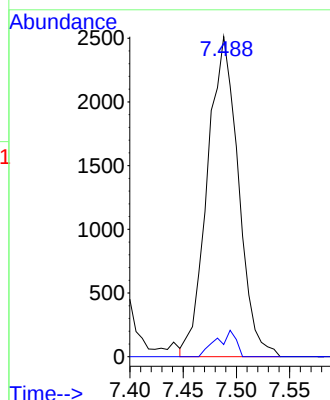
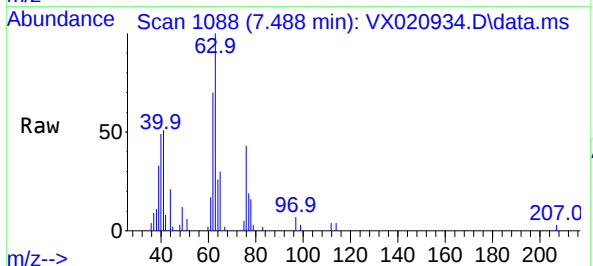
#37
1,2-Dichloropropane
Concen: 2.45 ug/L
RT: 7.488 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48

Tgt Ion: 63 Resp: 5083
Ion Ratio Lower Upper
63 100
112 2.4 3.6 5.4#

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

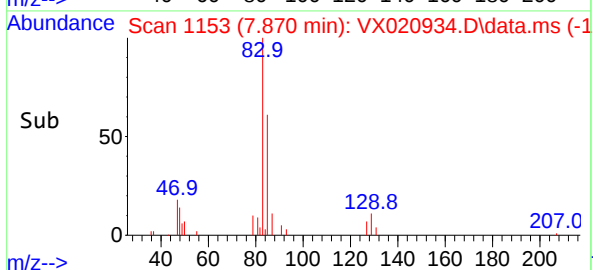
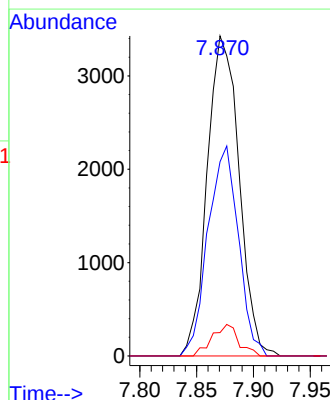
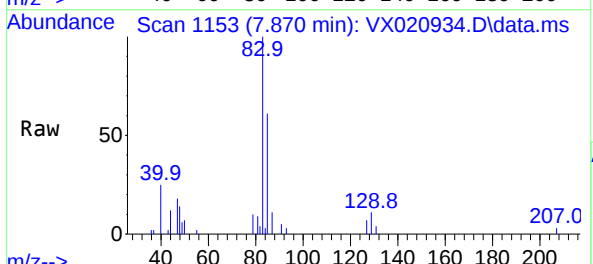
Manual Integrations
APPROVED

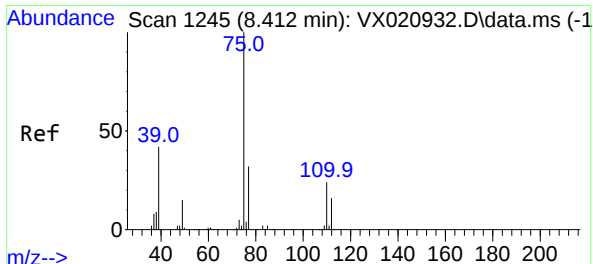
MMDadoda
3/2/2021 3:31:37 PM



#38
Bromodichloromethane
Concen: 2.32 ug/L
RT: 7.870 min Scan# 1153
Delta R.T. -0.006 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48

Tgt Ion: 83 Resp: 6682
Ion Ratio Lower Upper
83 100
85 60.7 45.1 83.7
127 7.3 6.6 10.0





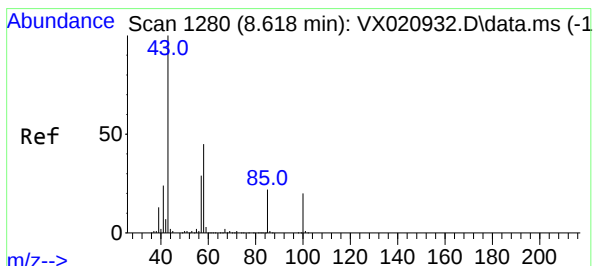
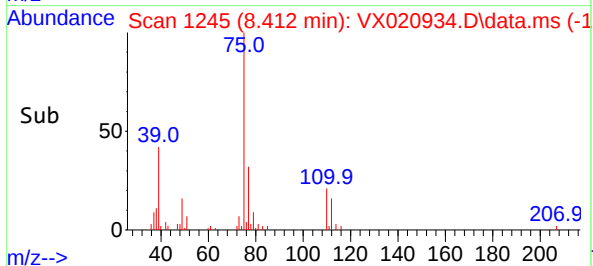
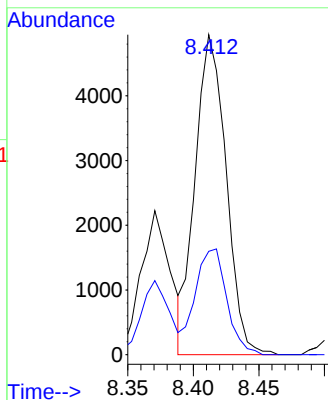
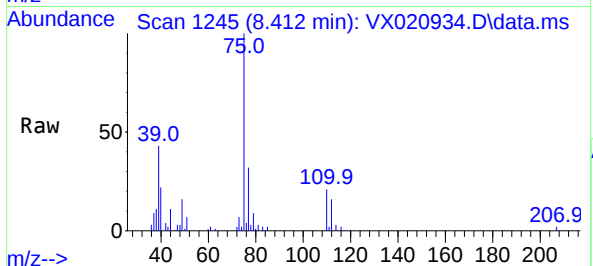
#39
cis-1,3-Dichloropropene
Concen: 2.39 ug/L
RT: 8.412 min Scan# 1245
Delta R.T. 0.000 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48

Tgt Ion: 75 Resp: 8123
Ion Ratio Lower Upper
75 100
77 32.3 22.7 42.3

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

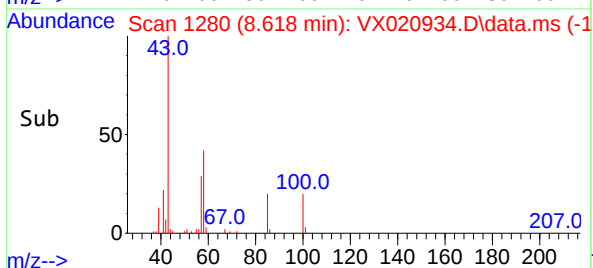
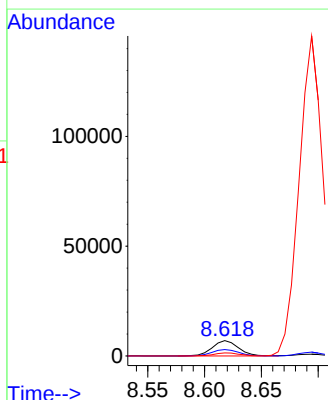
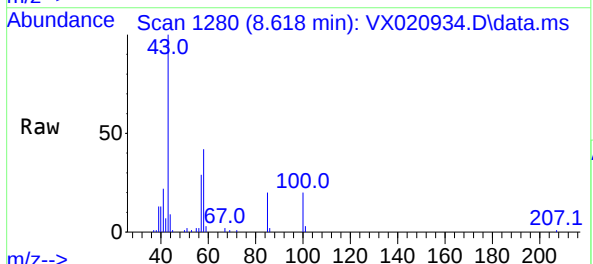
Manual Integrations
APPROVED

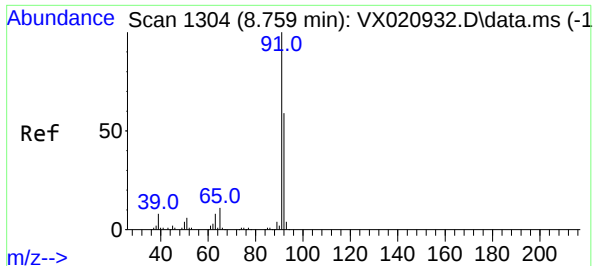
MMDadoda
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#40
4-Methyl-2-pentanone
Concen: 4.43 ug/L
RT: 8.618 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48

Tgt Ion: 43 Resp: 11243
Ion Ratio Lower Upper
43 100
58 42.7 35.0 52.4
100 19.9 14.2 21.4





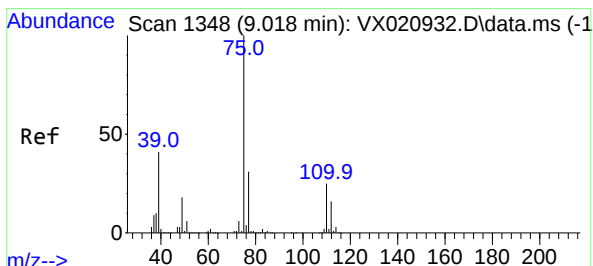
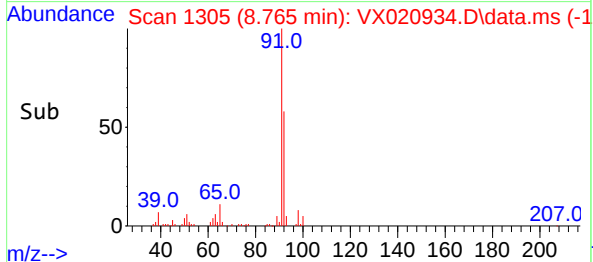
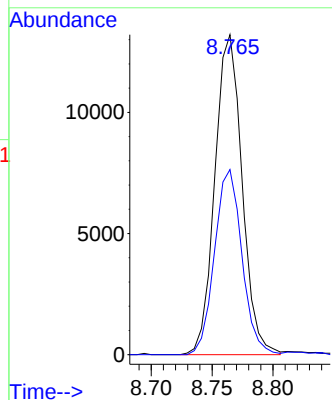
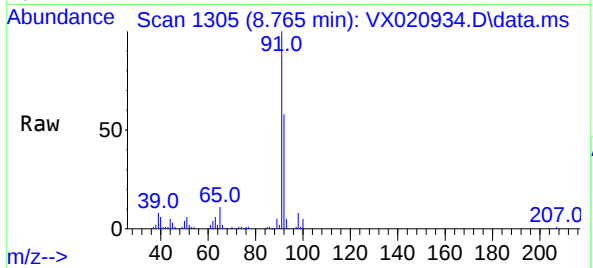
#42
Toluene
Concen: 2.39 ug/L
RT: 8.765 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48

Tgt Ion: 91 Resp: 20587
Ion Ratio Lower Upper
91 100
92 57.9 40.5 75.1

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

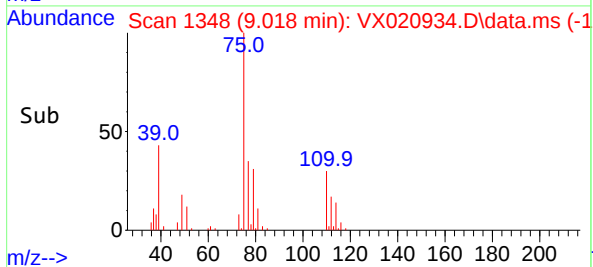
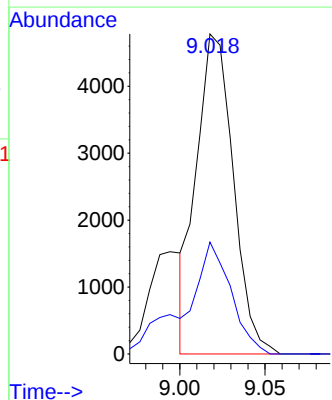
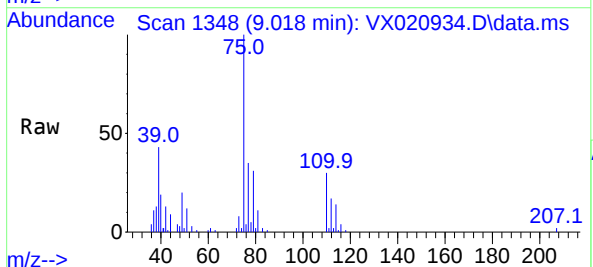
Manual Integrations
APPROVED

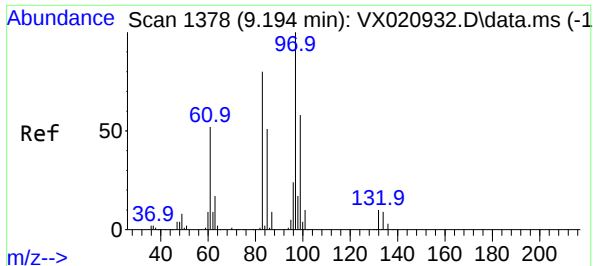
MMDadoda
3/2/2021 3:31:37 PM



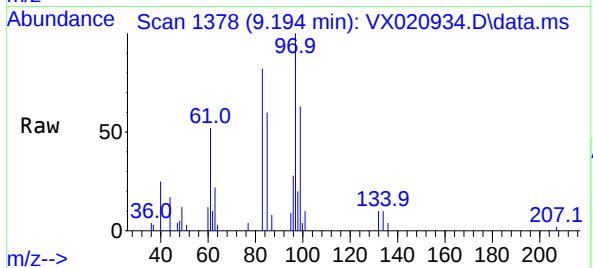
#44
trans-1,3-Dichloropropene
Concen: 2.21 ug/L
RT: 9.018 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48

Tgt Ion: 75 Resp: 7176
Ion Ratio Lower Upper
75 100
77 35.0 22.4 41.6

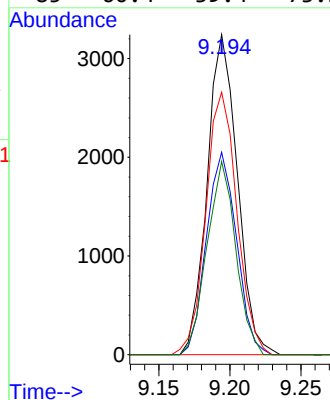




#45
1,1,2-Trichloroethane
Concen: 2.33 ug/L
RT: 9.194 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48



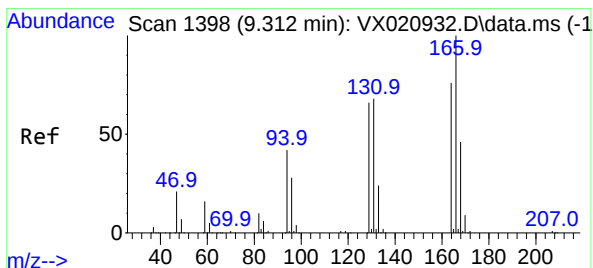
Tgt Ion:	97	Resp:	4807
Ion	Ratio	Lower	Upper
97	100		
99	63.3	44.0	81.6
83	82.0	60.8	113.0
85	60.4	39.4	73.2



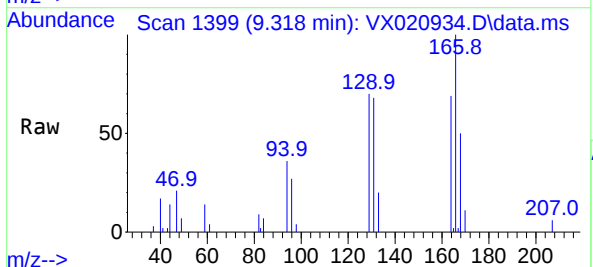
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2021-04

Manual Integrations
APPROVED

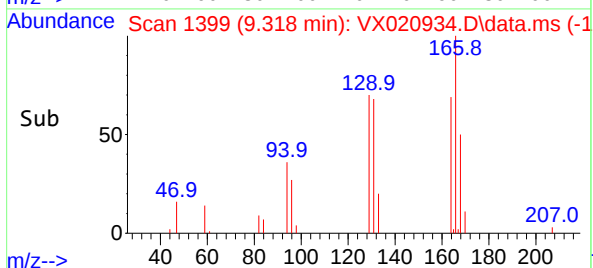
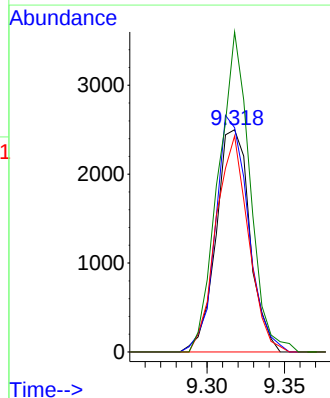
MMDadoda
3/2/2021 3:31:37 PM

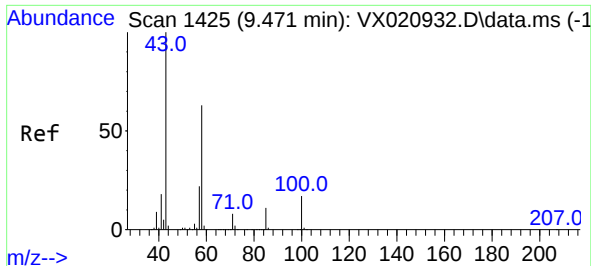


#46
Tetrachloroethene
Concen: 2.41 ug/L
RT: 9.318 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48



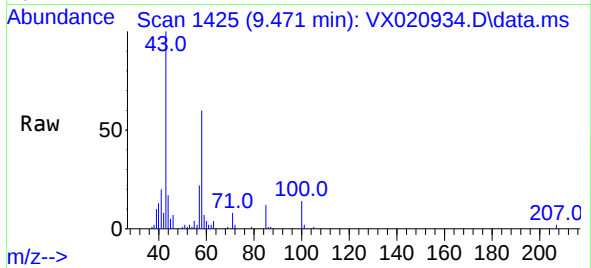
Tgt Ion:	164	Resp:	3790
Ion	Ratio	Lower	Upper
164	100		
129	101.0	65.6	121.8
131	97.2	63.7	118.3
166	144.0	93.0	172.6





#48
2-Hexanone
Concen: 5.20 ug/L
RT: 9.471 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48

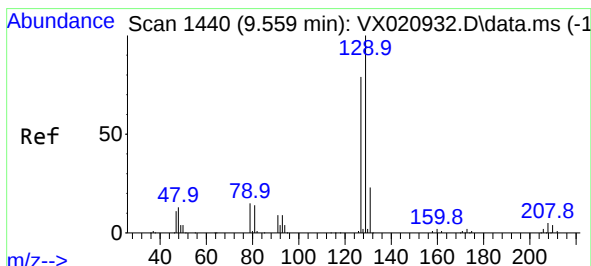
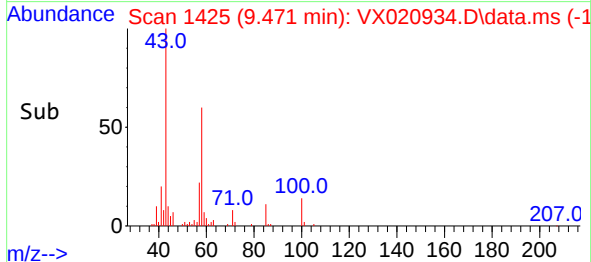
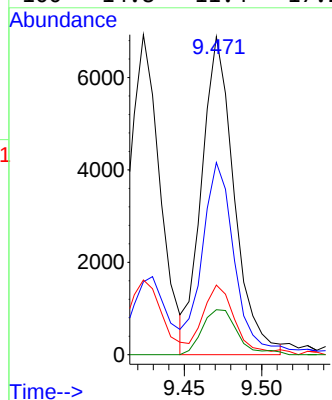
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2021-04



Tgt Ion: 43 Resp: 10074
Ion Ratio Lower Upper
43 100
58 57.3 50.1 75.1
57 20.8 17.3 25.9
100 14.8 11.4 17.2

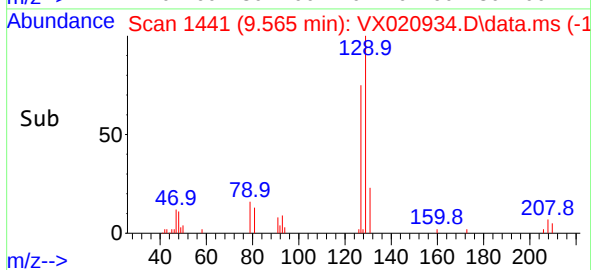
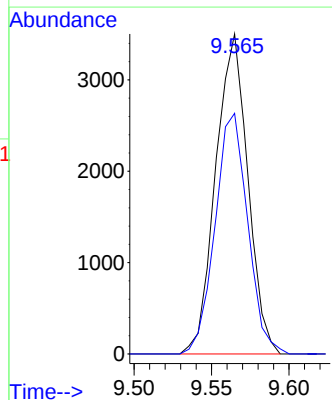
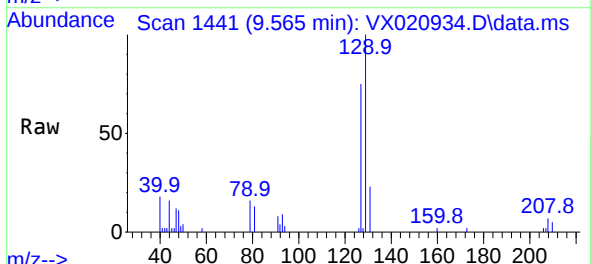
Manual Integrations
APPROVED

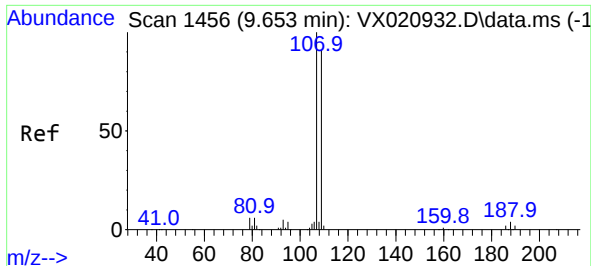
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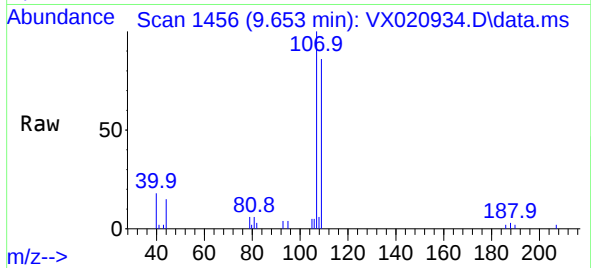
#49
Dibromochloromethane
Concen: 2.32 ug/L
RT: 9.565 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48

Tgt Ion: 129 Resp: 5050
Ion Ratio Lower Upper
129 100
127 75.2 52.5 97.5

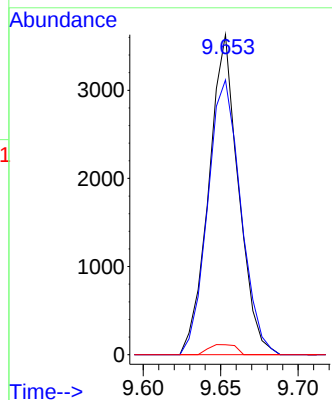




#50
1,2-Dibromoethane
Concen: 2.26 ug/L
RT: 9.653 min Scan# 1456
Delta R.T. 0.000 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48



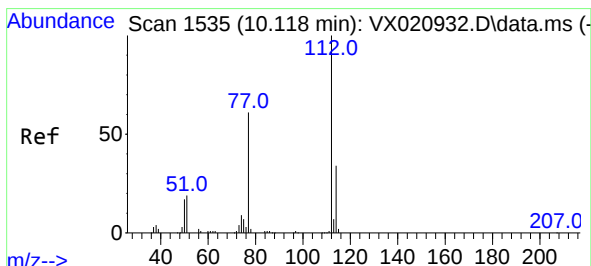
Tgt Ion:107 Resp: 4846
Ion Ratio Lower Upper
107 100
109 85.9 66.4 123.4
188 3.1 3.2 4.8#



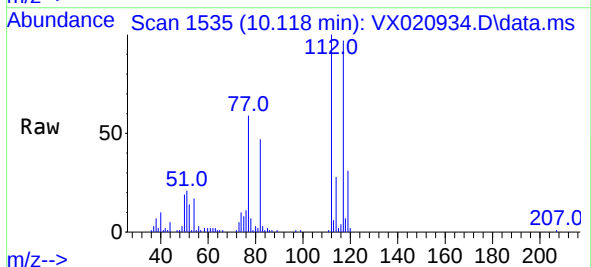
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2021-04

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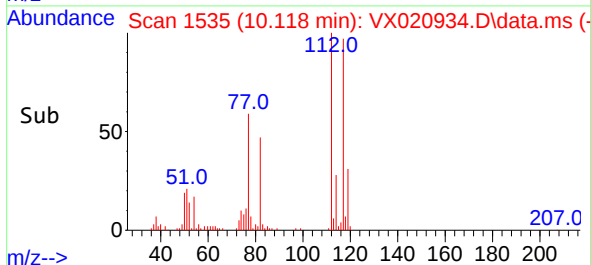
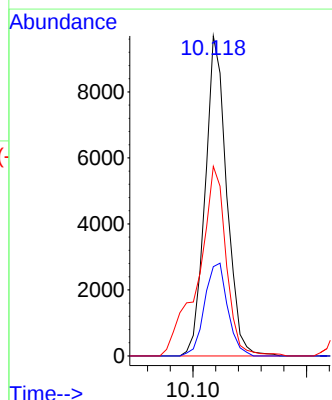
MMDadoda
3/2/2021 3:31:37 PM

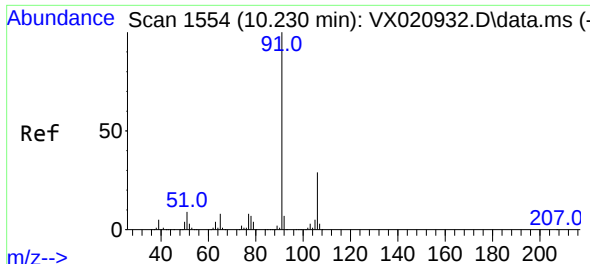


#51
Chlorobenzene
Concen: 2.33 ug/L
RT: 10.118 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48



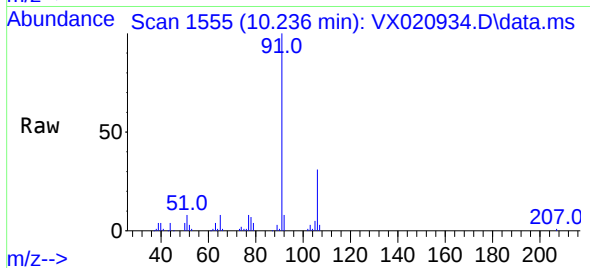
Tgt Ion:112 Resp: 12695
Ion Ratio Lower Upper
112 100
114 27.9 23.2 43.2
77 59.3 48.4 72.6





#52
Ethylbenzene
Concen: 2.25 ug/L
RT: 10.236 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48

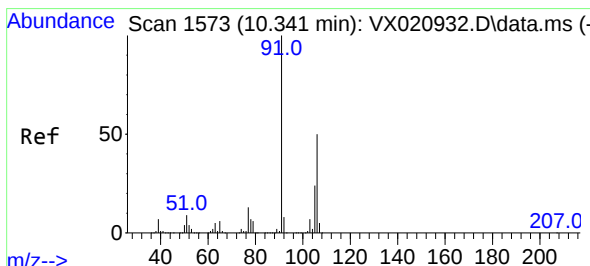
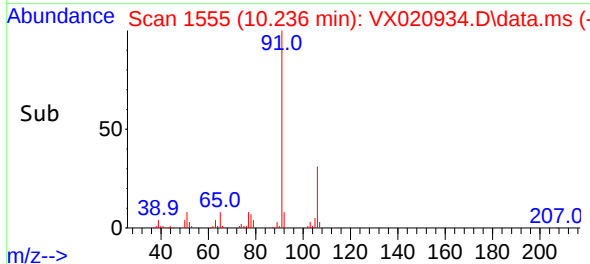
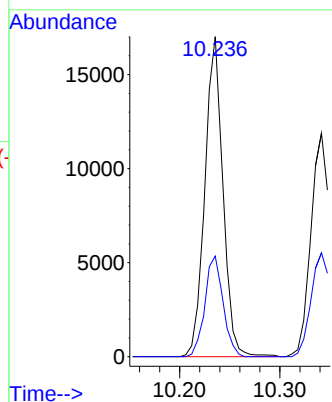
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2021-04



Tgt Ion: 91 Resp: 21335
Ion Ratio Lower Upper
91 100
106 31.5 21.0 39.0

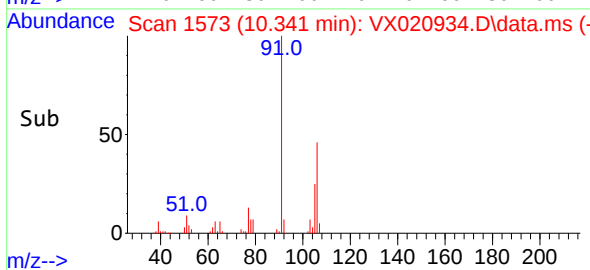
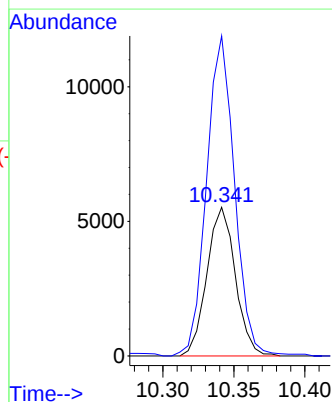
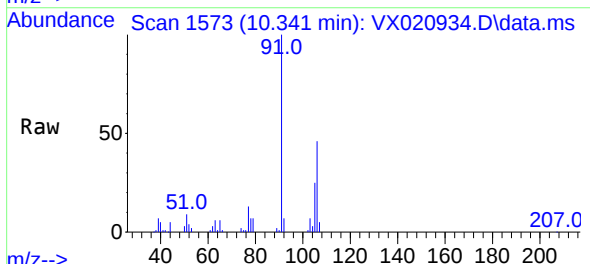
Manual Integrations
APPROVED

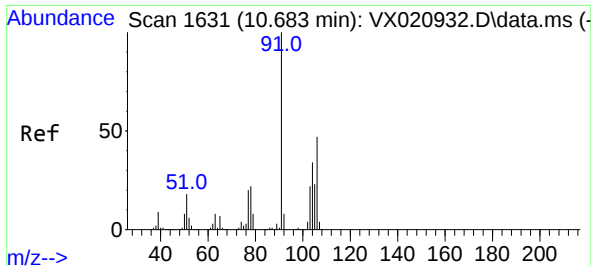
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3/2/2021 3:31:37 PM



#53
m,p-Xylene
Concen: 2.15 ug/L
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48

Tgt Ion: 106 Resp: 7698
Ion Ratio Lower Upper
106 100
91 215.2 142.5 264.6





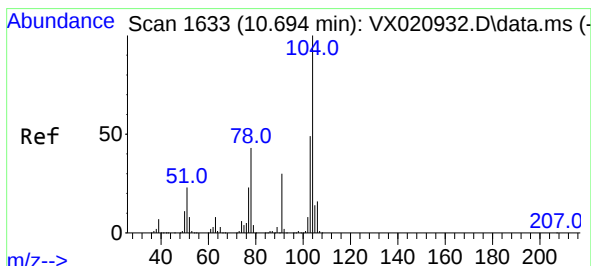
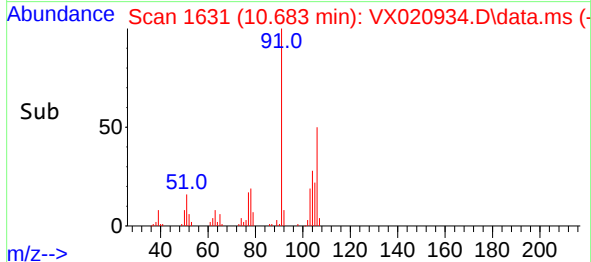
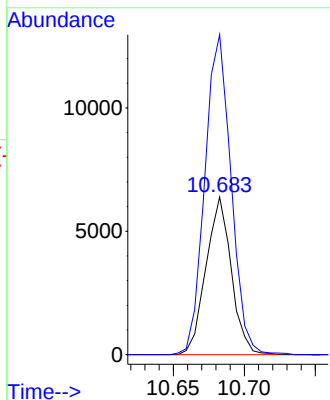
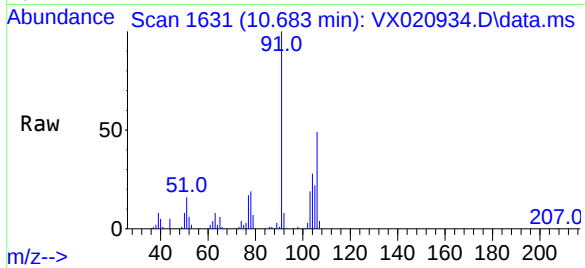
#54
o-Xylene
Concen: 2.27 ug/L
RT: 10.683 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48

Tgt Ion:106 Resp: 7921
Ion Ratio Lower Upper
106 100
91 203.1 156.2 290.0

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

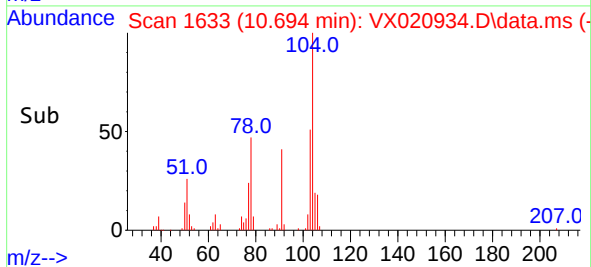
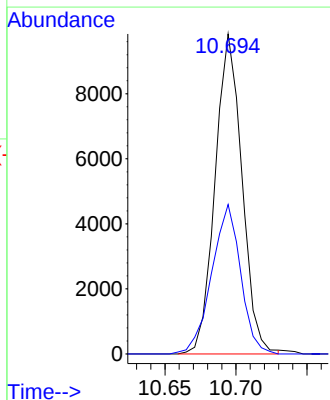
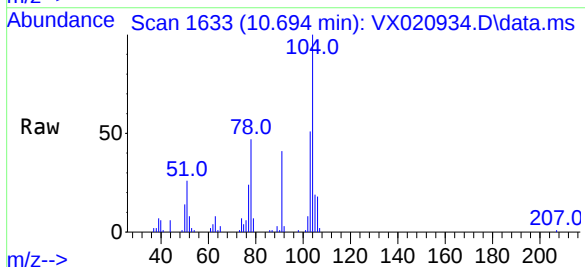
Manual Integrations
APPROVED

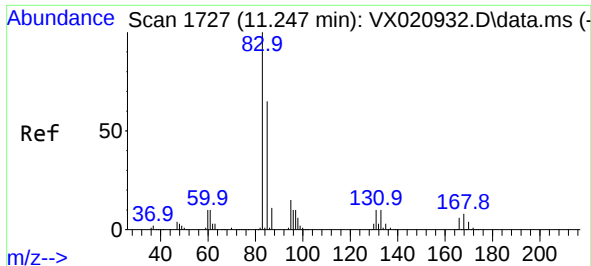
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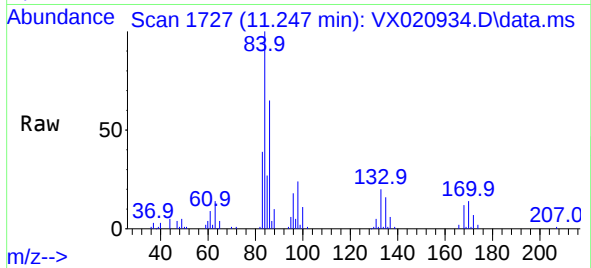
#55
Styrene
Concen: 2.13 ug/L
RT: 10.694 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48

Tgt Ion:104 Resp: 12927
Ion Ratio Lower Upper
104 100
78 46.7 30.0 55.6

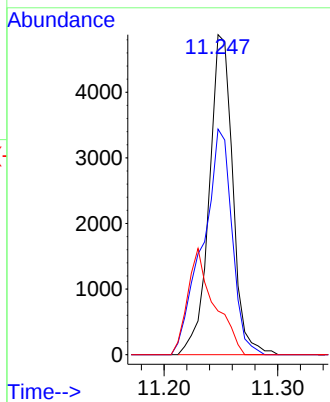
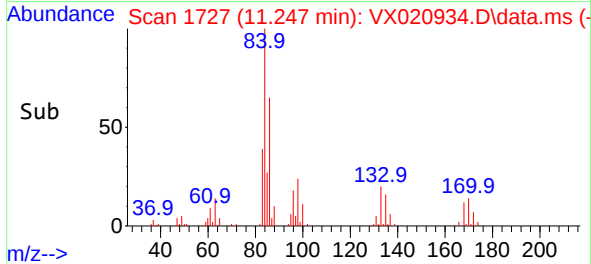




#57
1,1,2,2-Tetrachloroethane
Concen: 2.38 ug/L
RT: 11.247 min Scan# 1727
Delta R.T. -0.006 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48



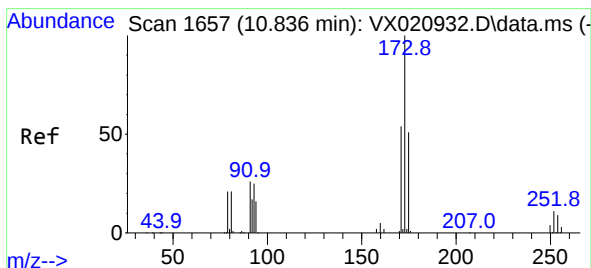
Tgt Ion: 83 Resp: 7036
Ion Ratio Lower Upper
83 100
85 70.5 44.7 82.9
131 13.6 7.8 11.8#



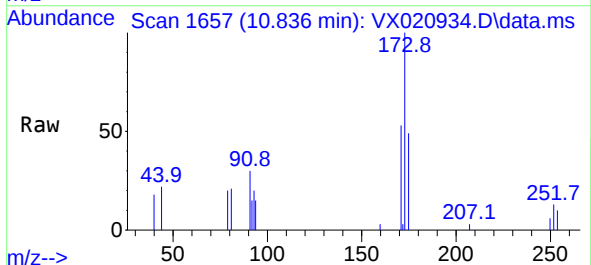
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2021-04

Manual Integrations
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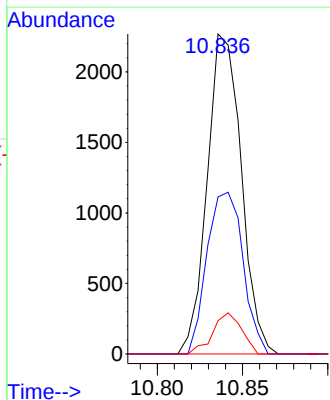
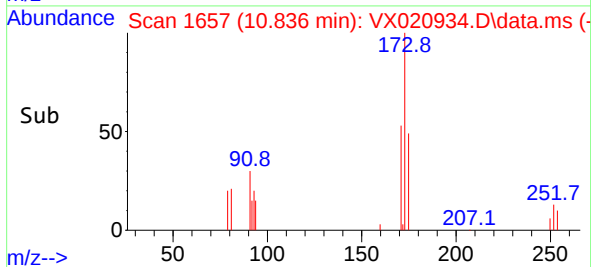
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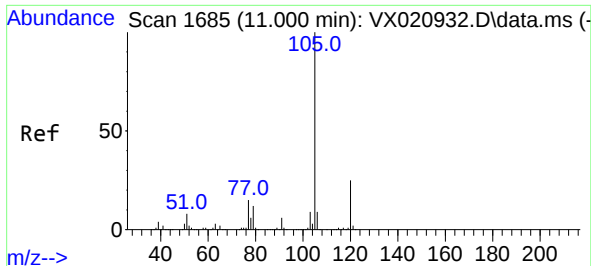


#59
Bromoform
Concen: 2.32 ug/L
RT: 10.836 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48

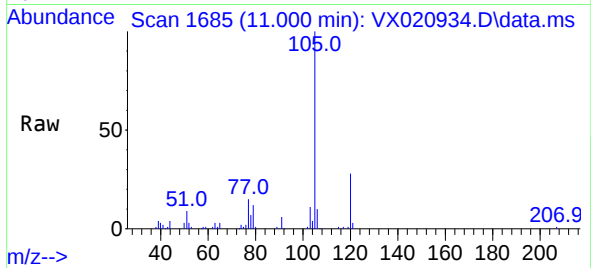


Tgt Ion: 173 Resp: 3155
Ion Ratio Lower Upper
173 100
175 53.4 39.4 59.2
254 10.9 8.6 13.0

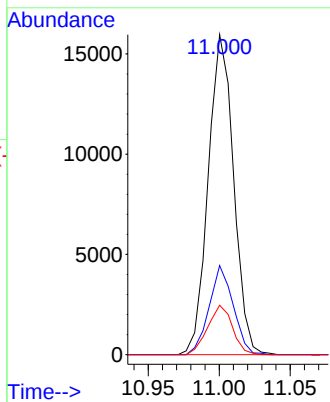
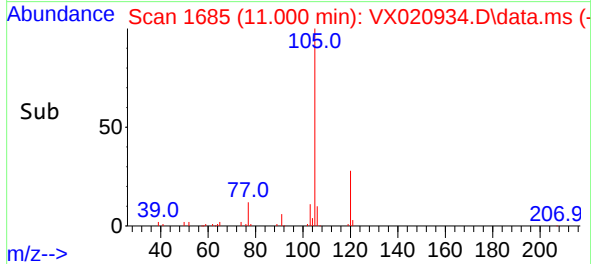




#60
Isopropylbenzene
Concen: 2.40 ug/L
RT: 11.000 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48



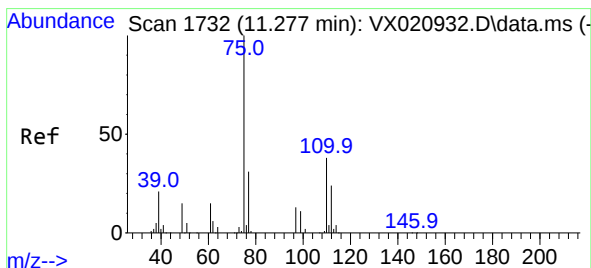
Tgt Ion:	105	Resp:	19840
Ion Ratio	Lower	Upper	
105	100		
120	26.4	21.2	31.8
77	15.1	12.6	18.8



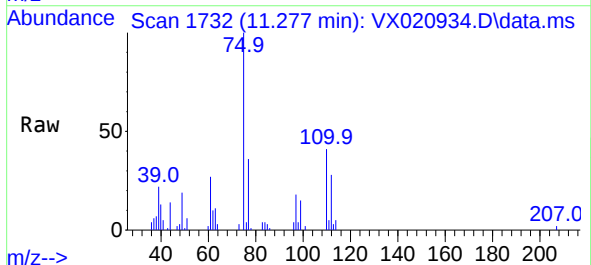
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2021-04

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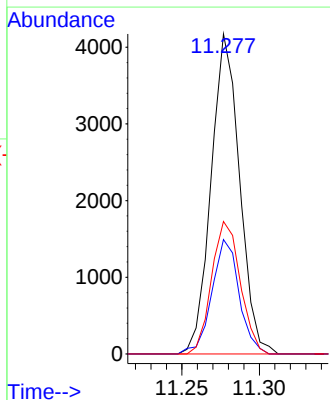
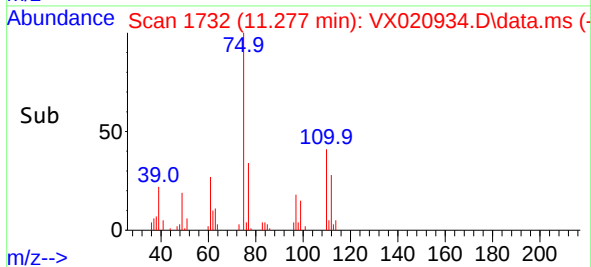
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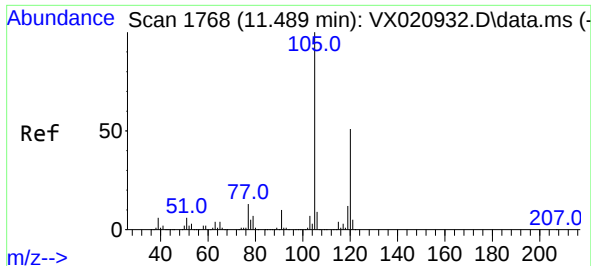


#61
1,2,3-Trichloropropane
Concen: 2.46 ug/L
RT: 11.277 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48



Tgt Ion:	75	Resp:	5328
Ion Ratio	Lower	Upper	
75	100		
77	34.3	26.2	39.2
110	41.7	31.8	47.8





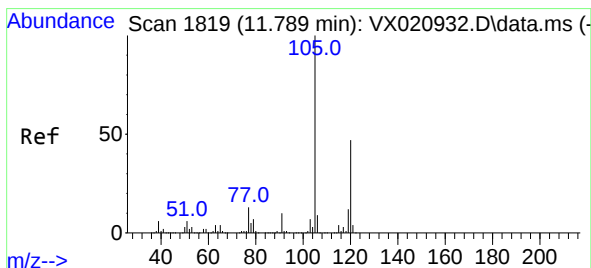
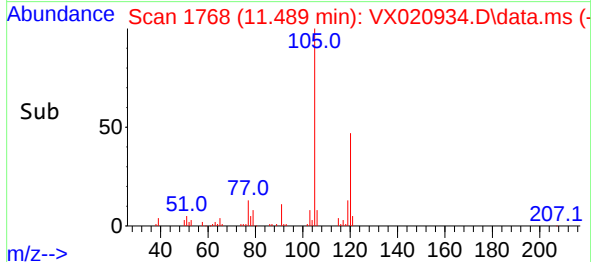
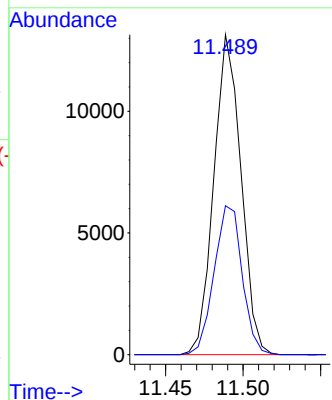
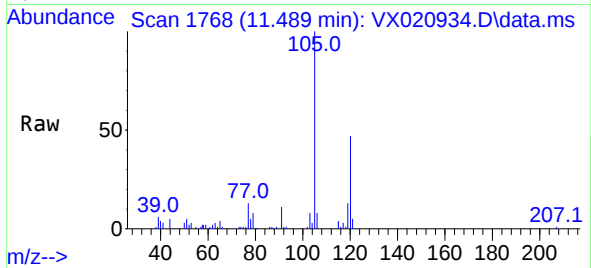
#62
1,3,5-Trimethylbenzene
Concen: 2.36 ug/L
RT: 11.489 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48

Tgt Ion:105 Resp: 16008
Ion Ratio Lower Upper
105 100
120 48.2 38.0 57.0

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

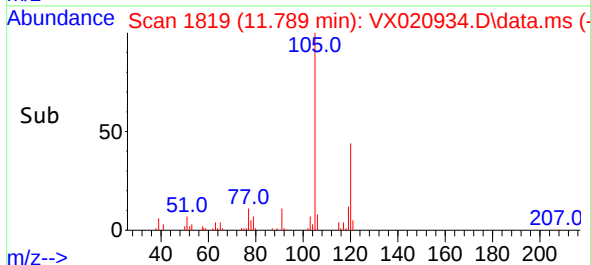
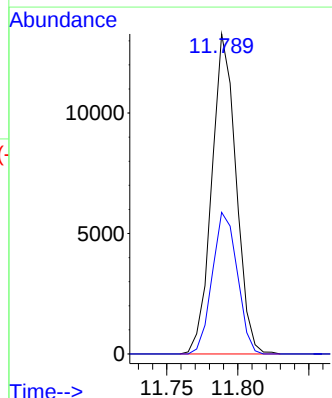
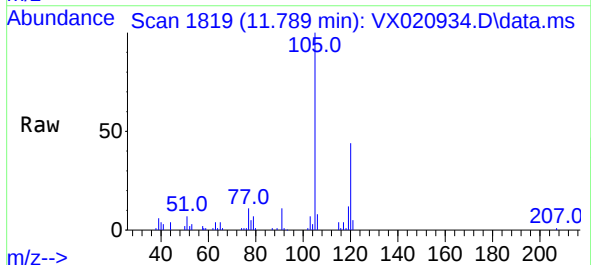
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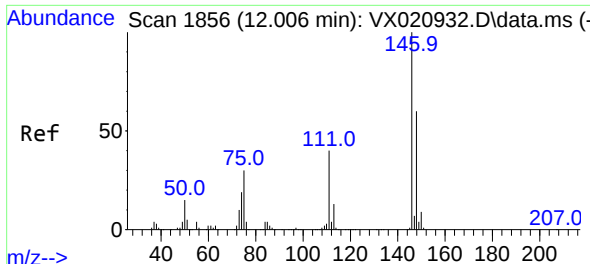
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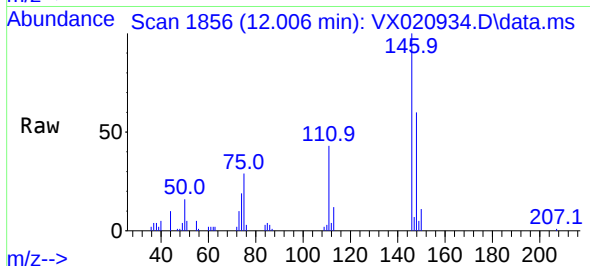
#63
1,2,4-Trimethylbenzene
Concen: 2.32 ug/L
RT: 11.789 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48

Tgt Ion:105 Resp: 15800
Ion Ratio Lower Upper
105 100
120 45.4 36.4 54.6

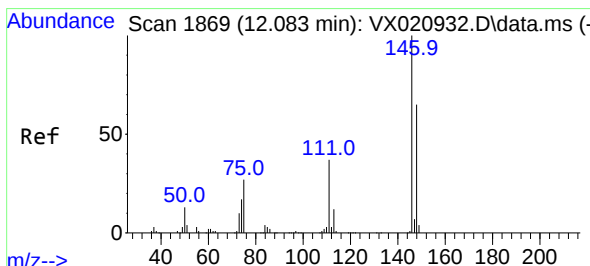
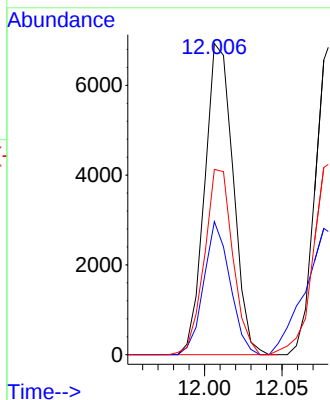
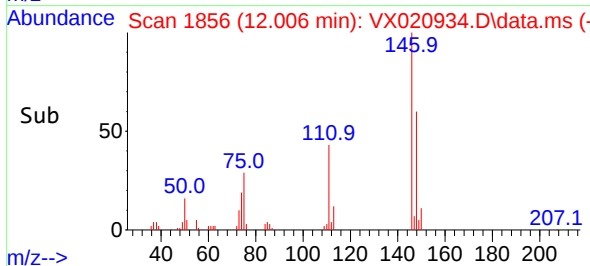




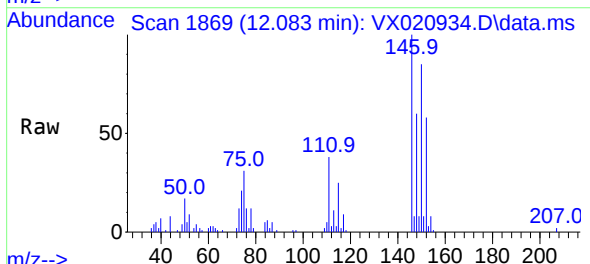
#64
1,3-Dichlorobenzene
Concen: 2.50 ug/L
RT: 12.006 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48



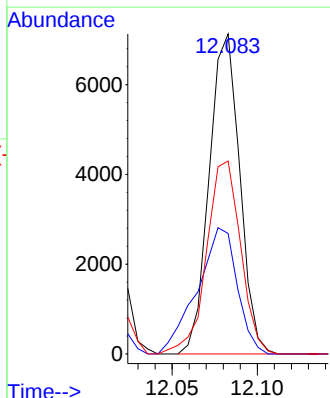
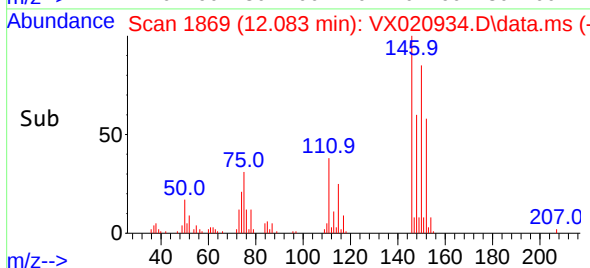
Tgt Ion:146 Resp: 8862
Ion Ratio Lower Upper
146 100
111 42.8 28.9 53.7
148 59.6 47.7 88.7



#65
1,4-Dichlorobenzene
Concen: 2.51 ug/L
RT: 12.083 min Scan# 1869
Delta R.T. 0.000 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48



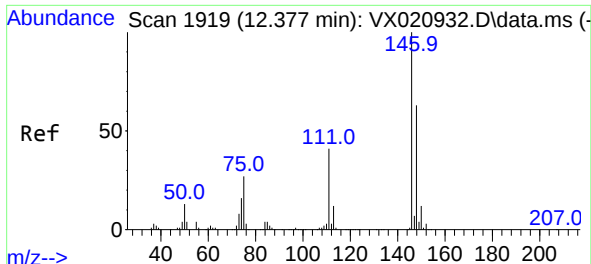
Tgt Ion:146 Resp: 8896
Ion Ratio Lower Upper
146 100
111 37.6 28.7 53.3
148 60.3 45.8 85.2



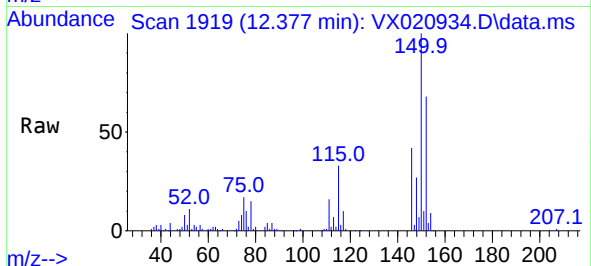
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2021-04

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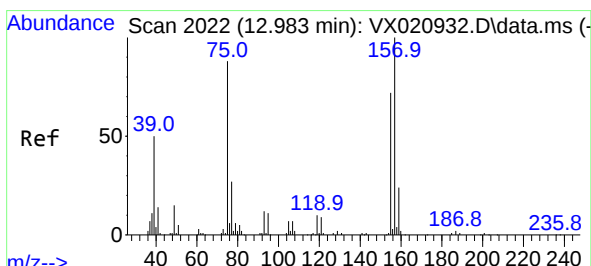
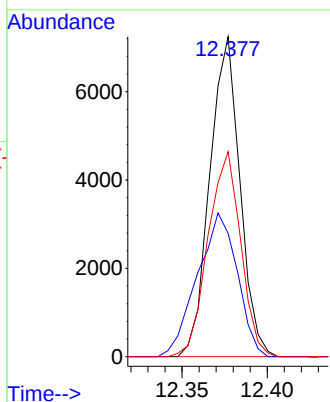
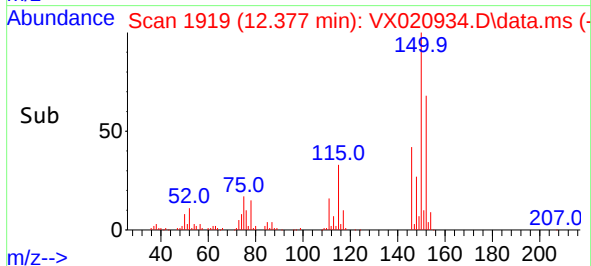
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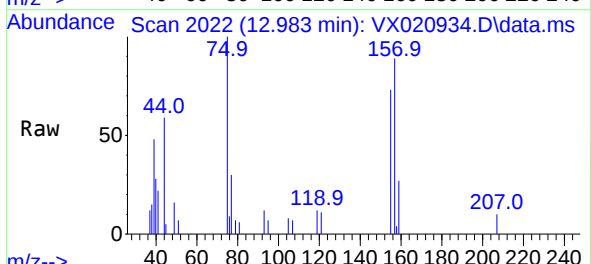
#67
1,2-Dichlorobenzene
Concen: 2.55 ug/L
RT: 12.377 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48



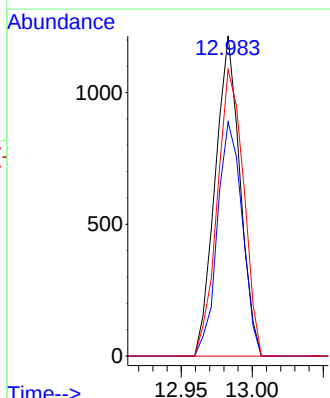
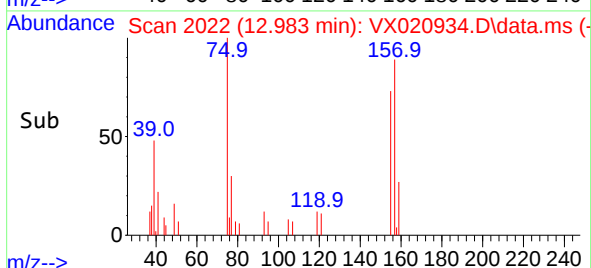
Tgt Ion:146 Resp: 8914
Ion Ratio Lower Upper
146 100
111 38.6 33.8 50.8
148 64.0 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 2.47 ug/L
RT: 12.983 min Scan# 2022
Delta R.T. 0.000 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48



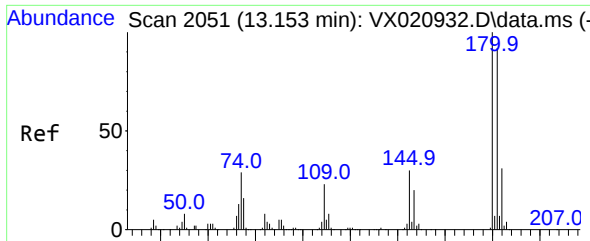
Tgt Ion: 75 Resp: 1474
Ion Ratio Lower Upper
75 100
155 73.2 65.3 97.9
157 89.5 80.5 120.7



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

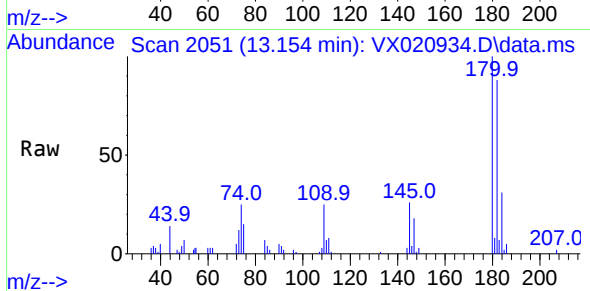
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#69
1,3,5-Trichlorobenzene
Concen: 2.36 ug/L
RT: 13.154 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48

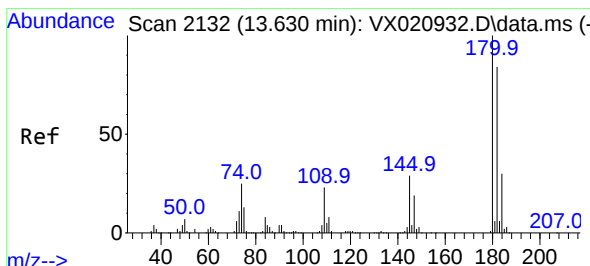
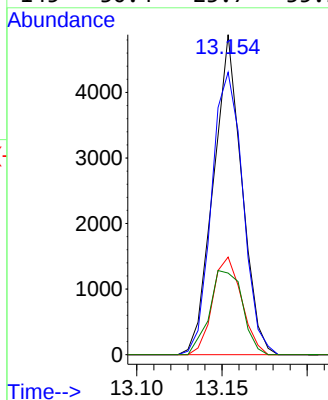
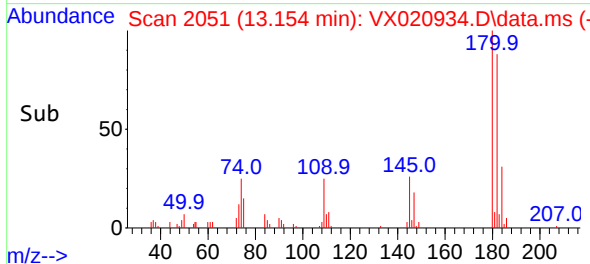
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2021-04



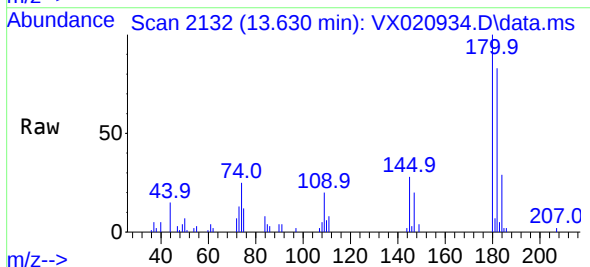
Tgt Ion:180 Resp: 5672
Ion Ratio Lower Upper
180 100
182 97.0 74.8 112.2
184 31.1 24.1 36.1
145 30.4 23.7 35.5

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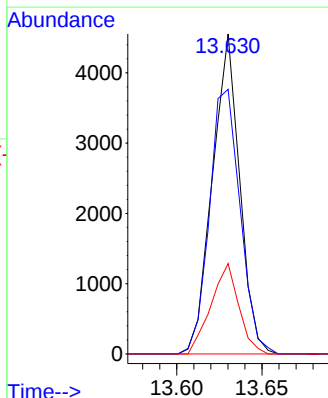
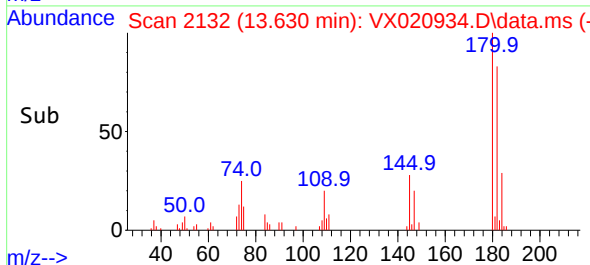
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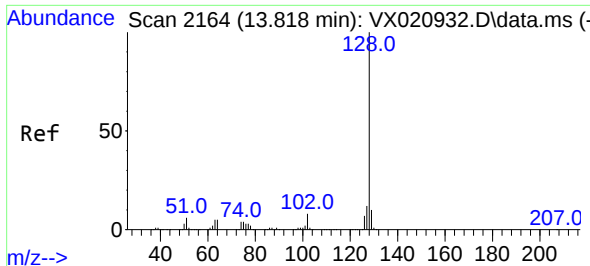


#70
1,2,4-trichlorobenzene
Concen: 2.38 ug/L
RT: 13.630 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48



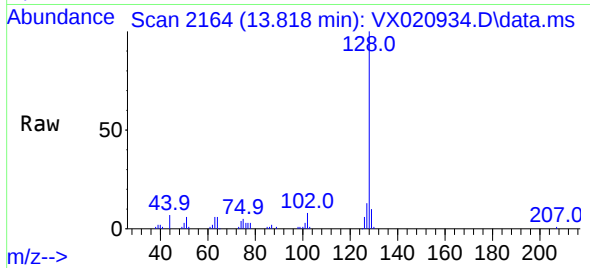
Tgt Ion:180 Resp: 5078
Ion Ratio Lower Upper
180 100
182 92.8 74.3 111.5
145 28.8 24.1 36.1





#71
Naphthalene
Concen: 2.03 ug/L
RT: 13.818 min Scan# 2164
Delta R.T. 0.006 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48

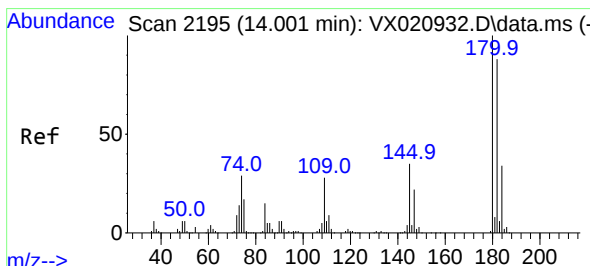
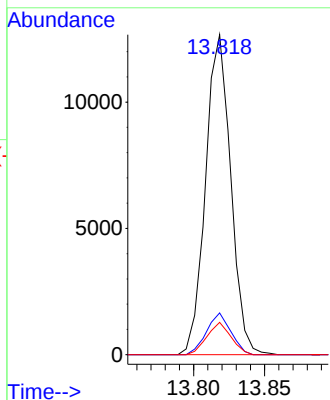
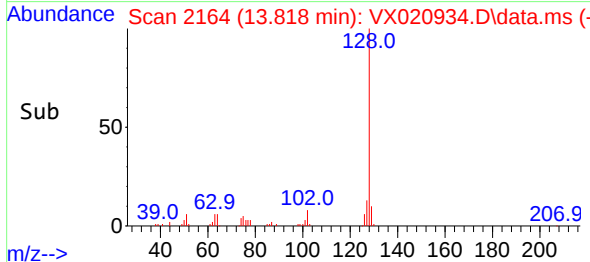
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2021-04



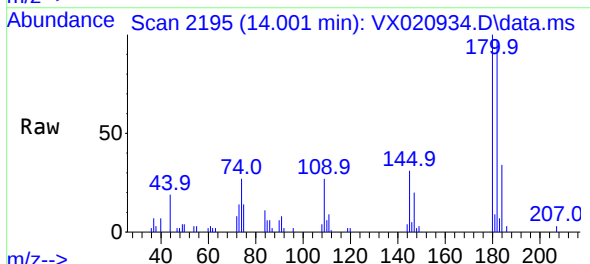
Tgt Ion:128 Resp: 15646
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 9.7 8.6 13.0

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#72
1,2,3-Trichlorobenzene
Concen: 2.34 ug/L
RT: 14.001 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VX020934.D
Acq: 01 Mar 2021 11:48



Tgt Ion:180 Resp: 5056
Ion Ratio Lower Upper
180 100
182 91.0 74.6 112.0
145 30.0 25.6 38.4

