

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
 Data File : VX021569.D
 Acq On : 29 Mar 2021 12:09
 Operator : JC/MD
 Sample : M1787-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-122D1-20210319

Manual Integrations
 APPROVED

MMDadoda
 3/31/2021 9:41:44 AM

Quant Time: Mar 30 03:25:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	63470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	114756	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	120005	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	53849	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	53601	50.76	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.52%			
35) Dibromofluoromethane	5.464	113	40662	49.88	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.76%			
50) Toluene-d8	8.694	98	148823	51.23	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.46%			
62) 4-Bromofluorobenzene	11.118	95	60223	53.33	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.66%			
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.364	101	2346	3.59	ug/l	96
12) 1,1-Dichloroethene	2.358	96	690	1.08	ug/l #	90
16) Acetone	2.423	43	1691	4.23	ug/l	99
21) trans-1,2-Dichloroethene	3.146	96	368	0.52	ug/l	97
27) cis-1,2-Dichloroethene	4.558	96	2110	2.59	ug/l	99
30) Chloroform	5.176	83	794	0.55	ug/l	99
38) Carbon Tetrachloride	5.758	117	697m	0.58	ug/l	
44) Trichloroethene	7.188	130	410479	487.16	ug/l	97
49) 1,4-Dioxane	7.723	88	309	15.33	ug/l #	60
55) 1,1,2-Trichloroethane	9.194	97	263	0.32	ug/l #	86
64) Tetrachloroethene	9.318	164	1466	1.82	ug/l	97

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

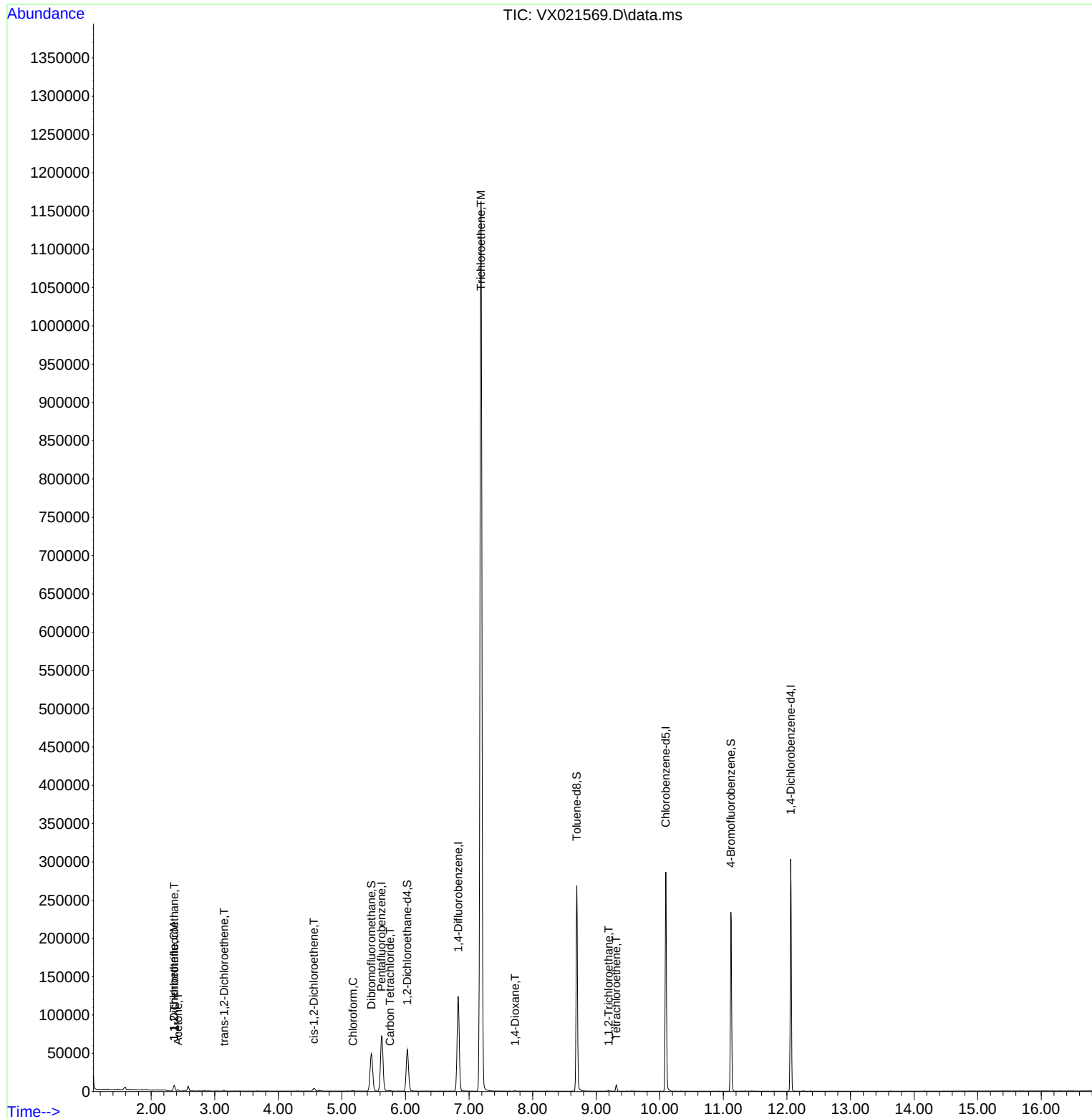
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021569.D
Acq On : 29 Mar 2021 12:09
Operator : JC/MD
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ALS Vial : 7 Sample Multiplier: 1

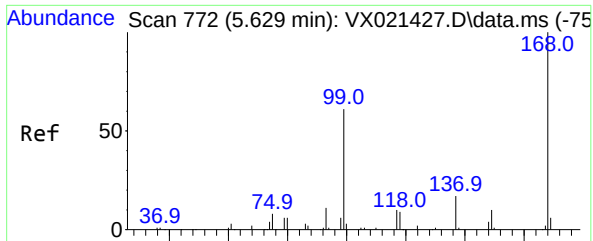
Instrument :
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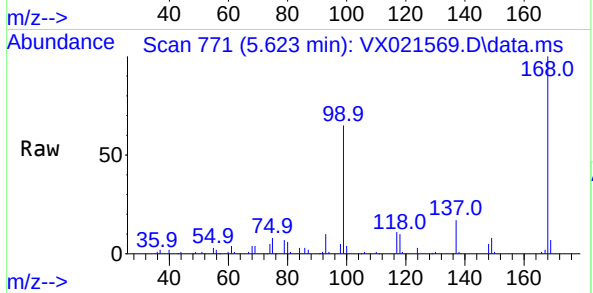
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.006 min
Lab File: VX021569.D
Acq: 29 Mar 2021 12:09

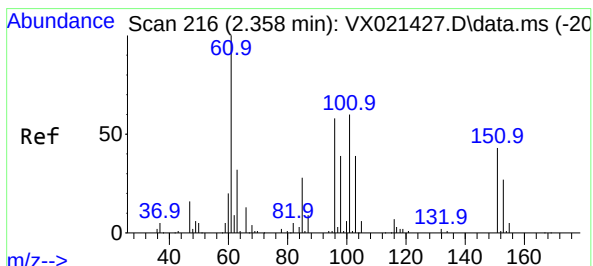
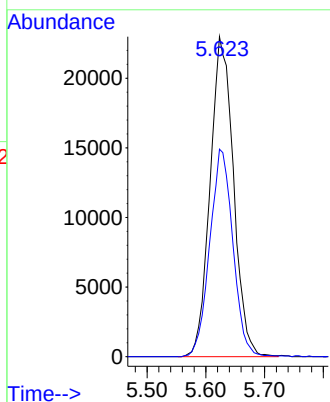
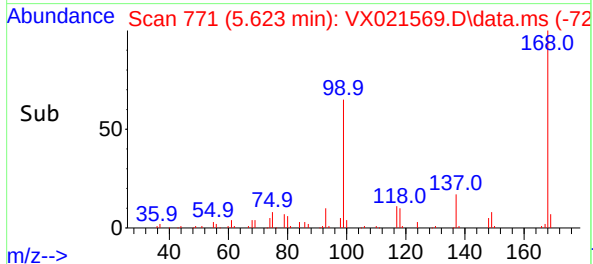
Instrument :
MSVOA_X
ClientSampleId :
RE-122D1-20210319



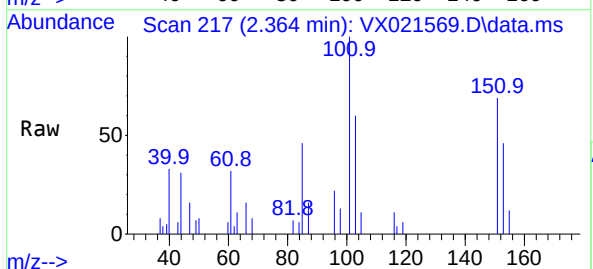
Tgt Ion:168 Resp: 63470
Ion Ratio Lower Upper
168 100
99 64.9 45.8 68.6

Manual Integrations
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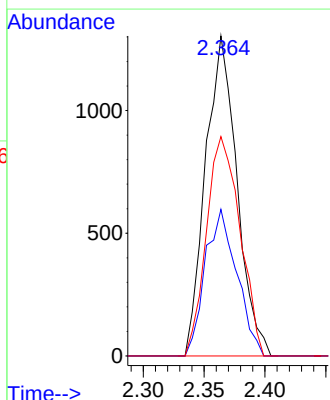
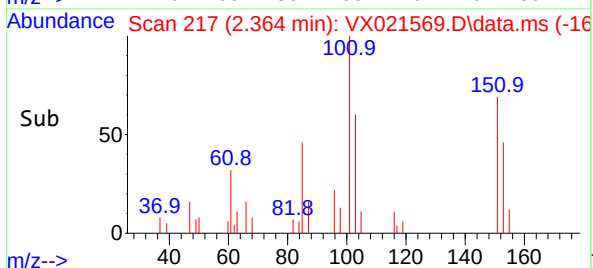
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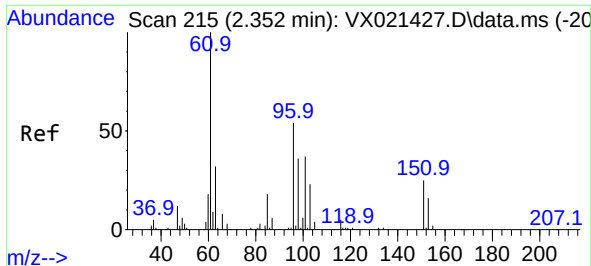


#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.59 ug/l
RT: 2.364 min Scan# 217
Delta R.T. 0.006 min
Lab File: VX021569.D
Acq: 29 Mar 2021 12:09

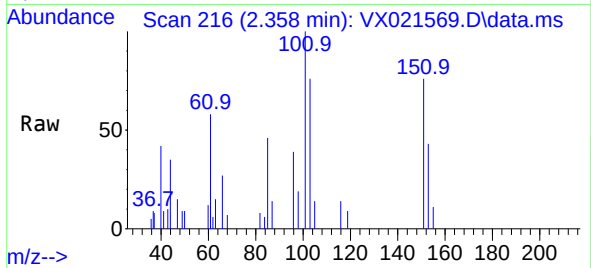


Tgt Ion:101 Resp: 2346
Ion Ratio Lower Upper
101 100
85 46.0 34.9 52.3
151 73.1 61.4 92.2

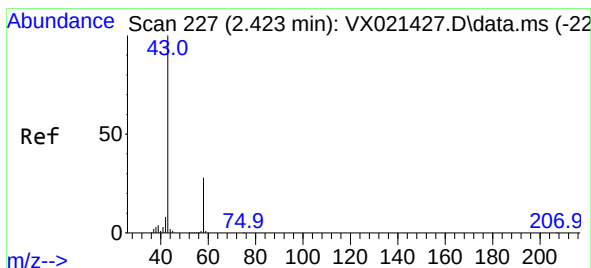
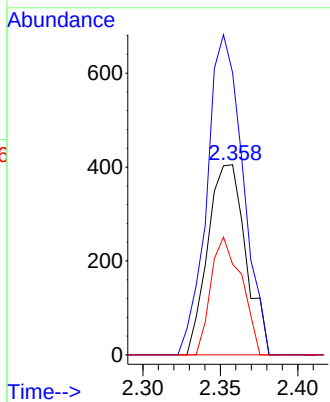
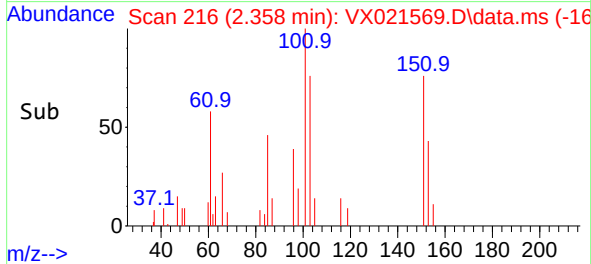




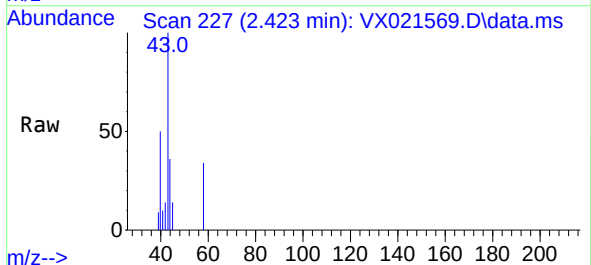
#12
1,1-Dichloroethene
Concen: 1.08 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX021569.D
Acq: 29 Mar 2021 12:09



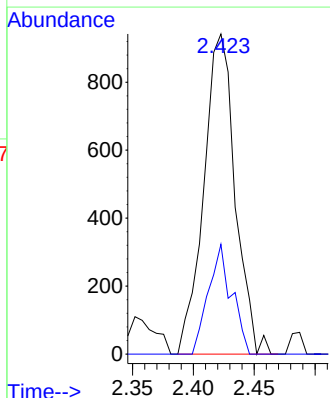
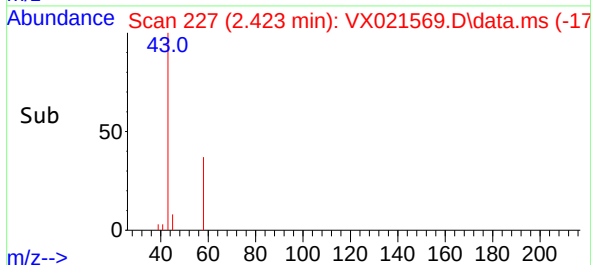
Tgt Ion: 96 Resp: 690
Ion Ratio Lower Upper
96 100
61 148.4 124.6 187.0
98 47.7 50.6 76.0#



#16
Acetone
Concen: 4.23 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021569.D
Acq: 29 Mar 2021 12:09



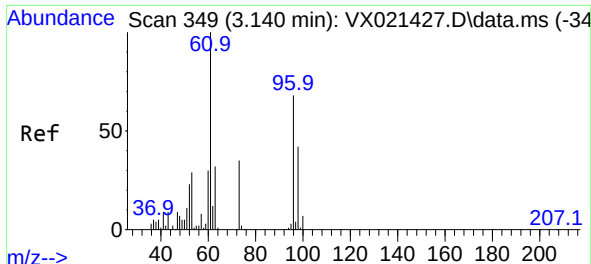
Tgt Ion: 43 Resp: 1691
Ion Ratio Lower Upper
43 100
58 34.3 27.8 41.8



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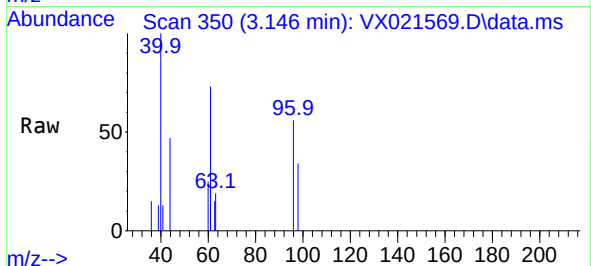
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#21
trans-1,2-Dichloroethene
Concen: 0.52 ug/l
RT: 3.146 min Scan# 350
Delta R.T. 0.006 min
Lab File: VX021569.D
Acq: 29 Mar 2021 12:09

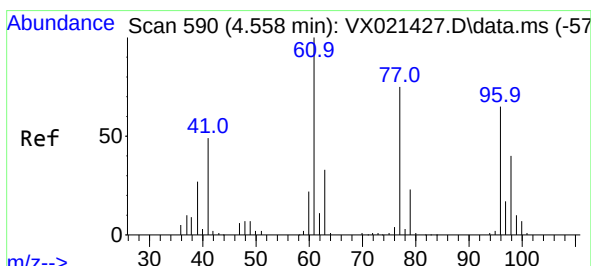
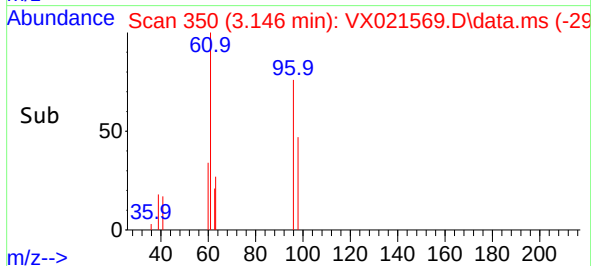
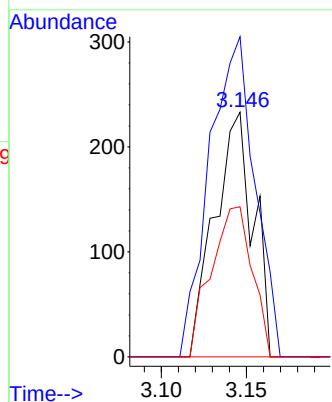
Instrument :
MSVOA_X
ClientSampleId :
RE-122D1-20210319



Tgt Ion: 96 Resp: 368
Ion Ratio Lower Upper
96 100
61 130.9 107.7 161.5
98 61.4 50.4 75.6

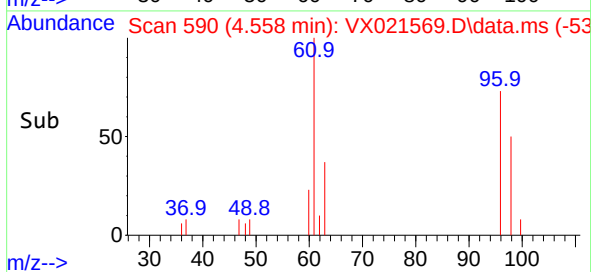
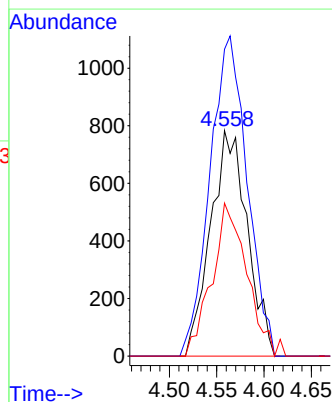
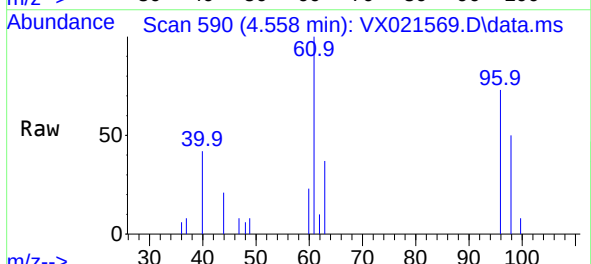
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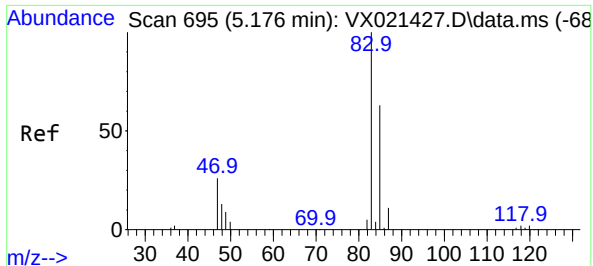
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#27
cis-1,2-Dichloroethene
Concen: 2.59 ug/l
RT: 4.558 min Scan# 590
Delta R.T. 0.000 min
Lab File: VX021569.D
Acq: 29 Mar 2021 12:09

Tgt Ion: 96 Resp: 2110
Ion Ratio Lower Upper
96 100
61 144.2 0.0 285.6
98 65.0 0.0 129.6





#30

Chloroform

Concen: 0.55 ug/l

RT: 5.176 min Scan# 695

Delta R.T. -0.000 min

Lab File: VX021569.D

Acq: 29 Mar 2021 12:09

Tgt Ion: 83 Resp: 794

Ion Ratio Lower Upper

83 100

85 65.4 52.0 78.0

Instrument :

MSVOA_X

ClientSampleId :

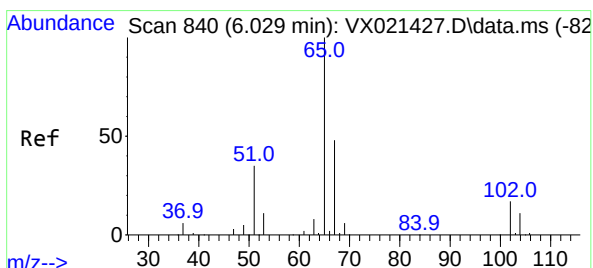
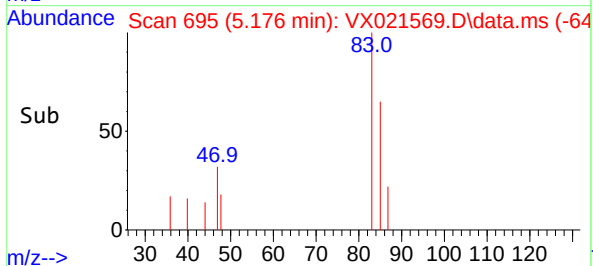
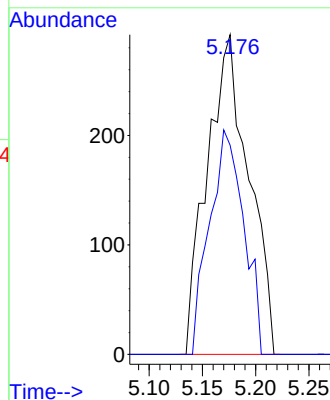
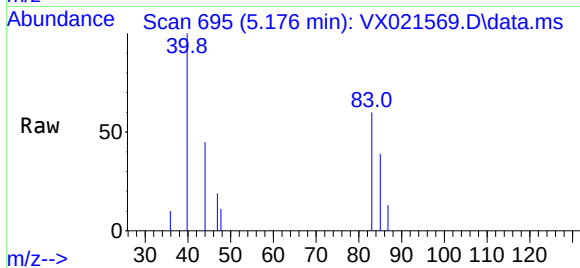
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#33

1,2-Dichloroethane-d4

Concen: 50.76 ug/l

RT: 6.029 min Scan# 840

Delta R.T. -0.000 min

Lab File: VX021569.D

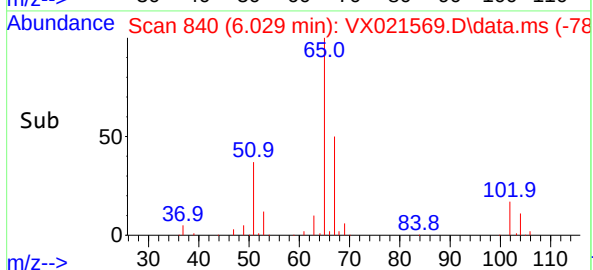
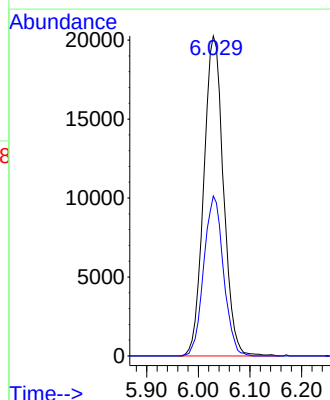
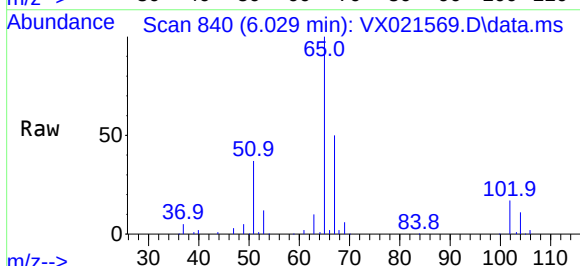
Acq: 29 Mar 2021 12:09

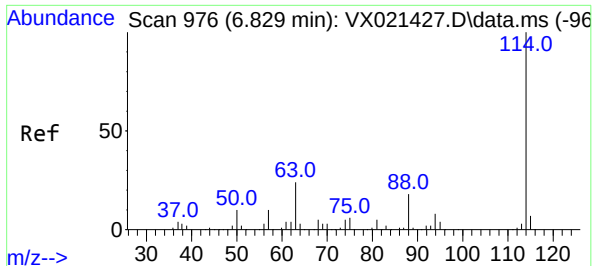
Tgt Ion: 65 Resp: 53601

Ion Ratio Lower Upper

65 100

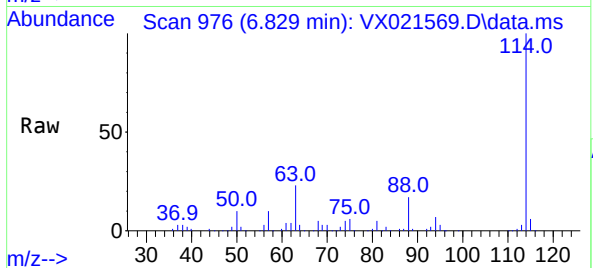
67 50.0 0.0 105.4





#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021569.D
Acq: 29 Mar 2021 12:09

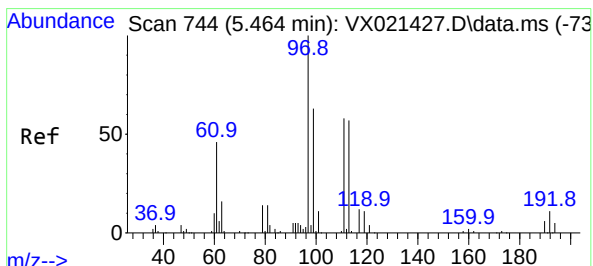
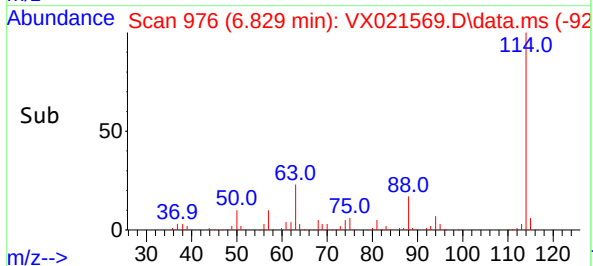
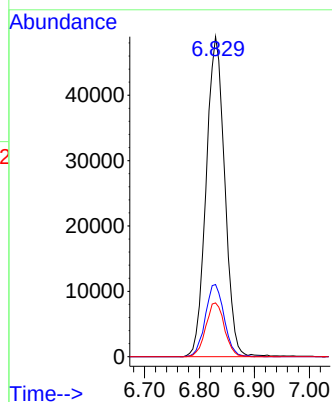
Instrument :
MSVOA_X
ClientSampleId :
RE-122D1-20210319



Tgt Ion:114 Resp: 114756
Ion Ratio Lower Upper
114 100
63 22.5 0.0 40.8
88 16.8 0.0 32.8

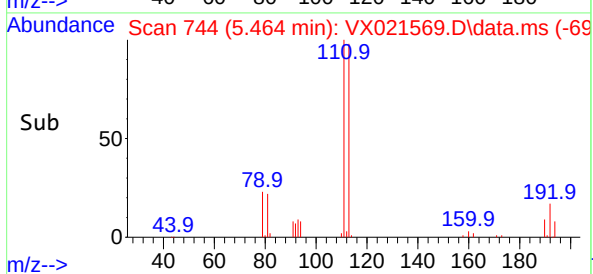
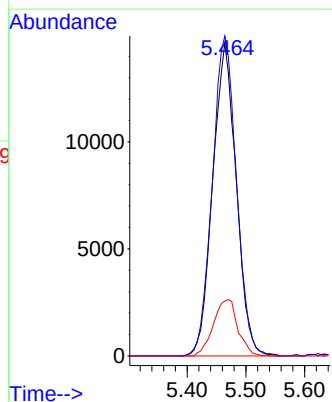
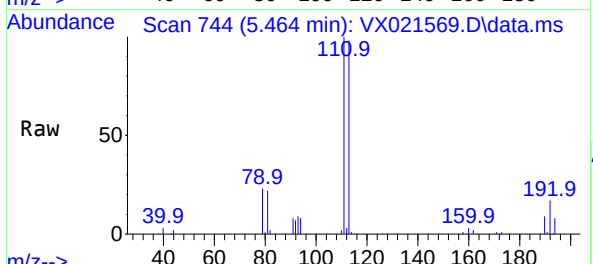
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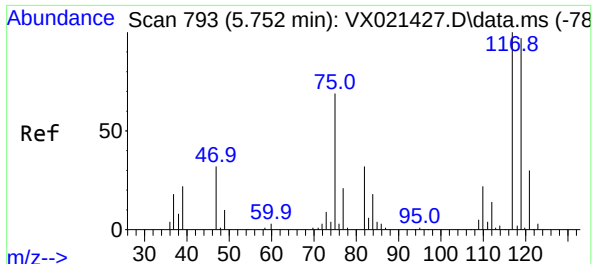
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#35
Dibromofluoromethane
Concen: 49.88 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021569.D
Acq: 29 Mar 2021 12:09

Tgt Ion:113 Resp: 40662
Ion Ratio Lower Upper
113 100
111 104.4 81.9 122.9
192 18.7 16.7 25.1





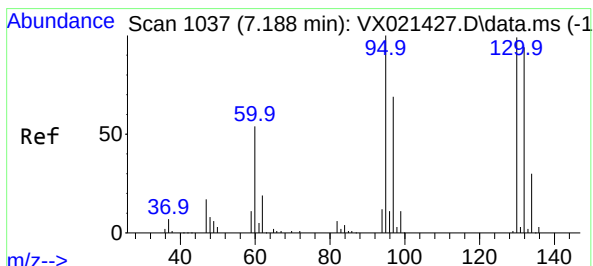
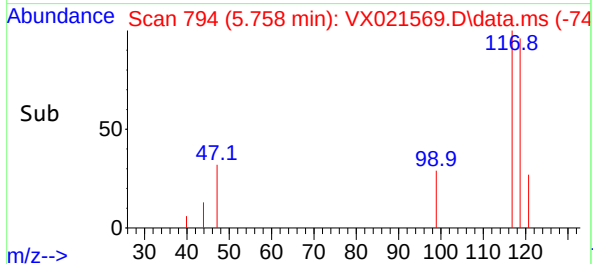
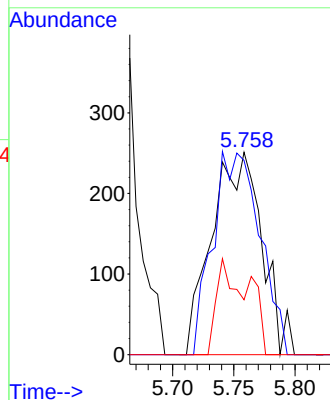
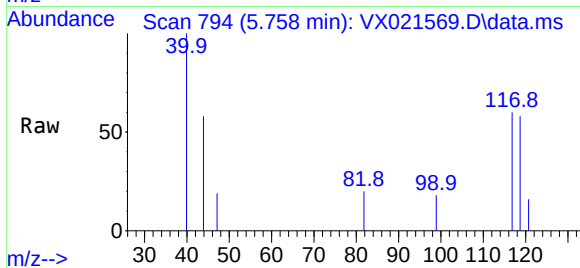
#38
Carbon Tetrachloride
Concen: 0.58 ug/l m
RT: 5.758 min Scan# 794
Delta R.T. 0.006 min
Lab File: VX021569.D
Acq: 29 Mar 2021 12:09

Tgt Ion:117 Resp: 697
Ion Ratio Lower Upper
117 100
119 96.0 76.2 114.2
121 27.1 24.8 37.2

Instrument :
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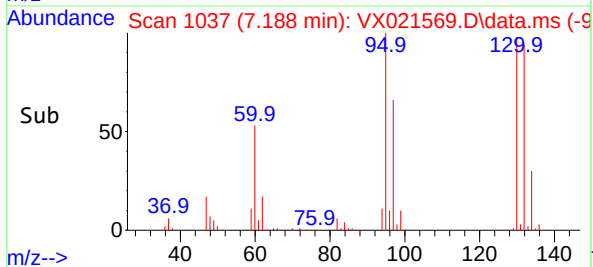
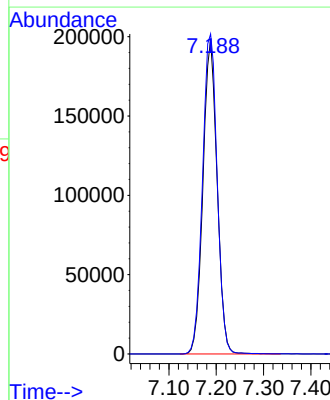
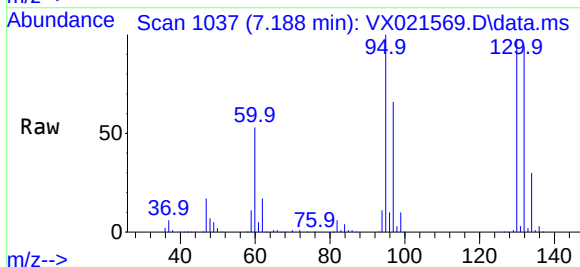
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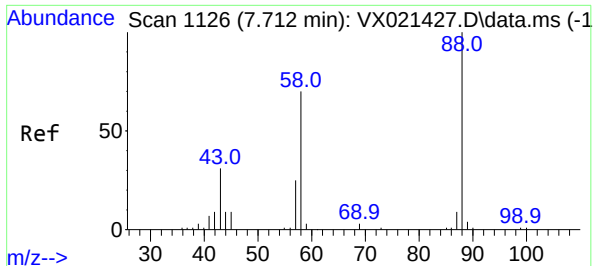
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#44
Trichloroethene
Concen: 487.16 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VX021569.D
Acq: 29 Mar 2021 12:09

Tgt Ion:130 Resp: 410479
Ion Ratio Lower Upper
130 100
95 101.7 0.0 198.0





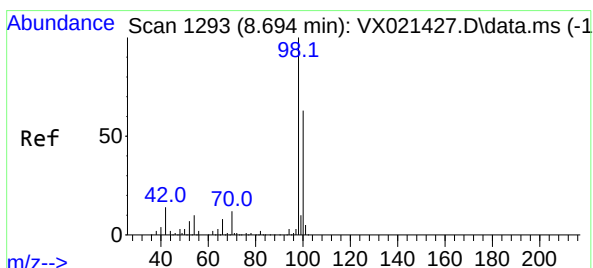
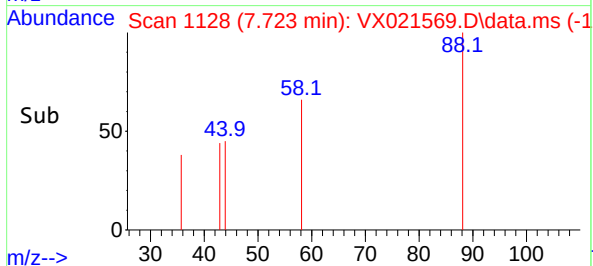
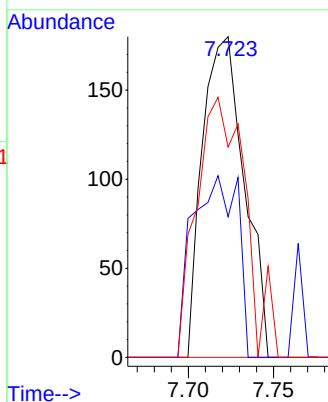
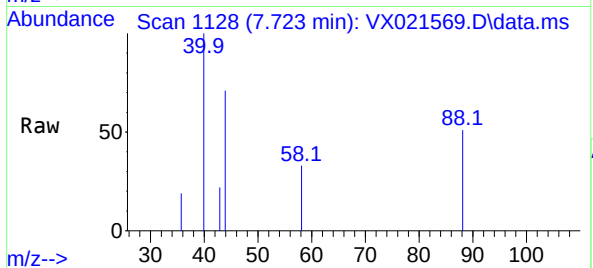
#49
1,4-Dioxane
Concen: 15.33 ug/l
RT: 7.723 min Scan# 1128
Delta R.T. 0.011 min
Lab File: VX021569.D
Acq: 29 Mar 2021 12:09

Tgt Ion: 88 Resp: 309
Ion Ratio Lower Upper
88 100
43 60.5 23.2 34.8#
58 94.2 55.0 82.4#

Instrument :
MSVOA_X
ClientSampleId :
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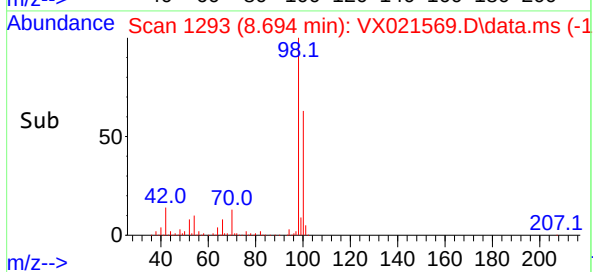
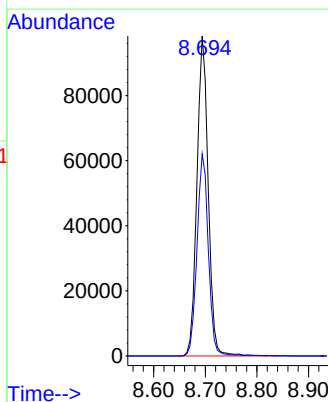
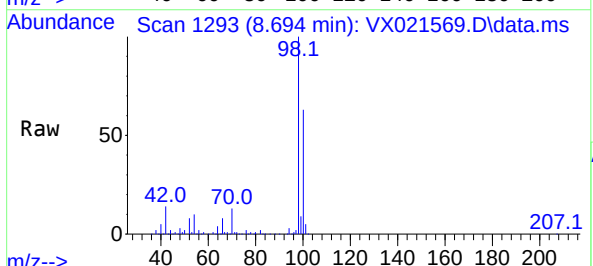
Manual Integrations
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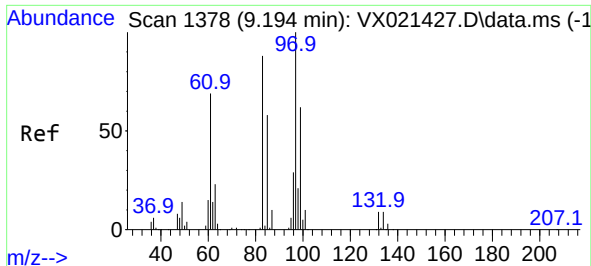
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#50
Toluene-d8
Concen: 51.23 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021569.D
Acq: 29 Mar 2021 12:09

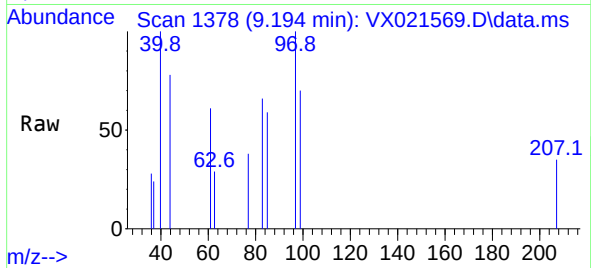
Tgt Ion: 98 Resp: 148823
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9





#55
1,1,2-Trichloroethane
Concen: 0.32 ug/l
RT: 9.194 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VX021569.D
Acq: 29 Mar 2021 12:09

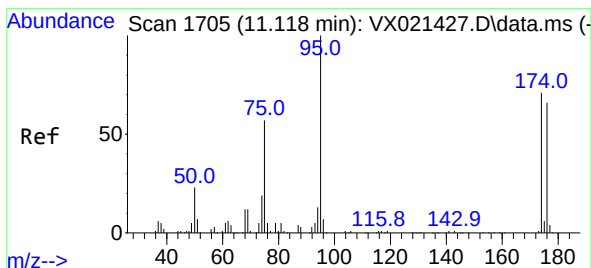
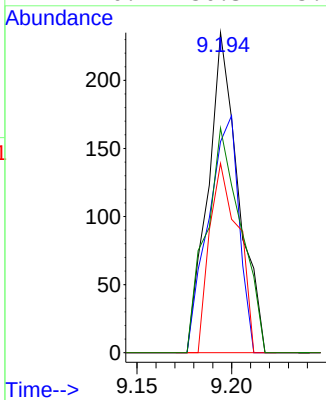
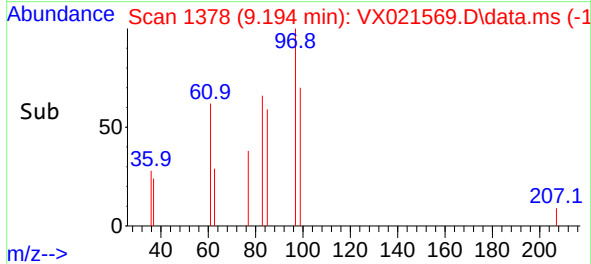
Instrument :
MSVOA_X
ClientSampleId :
RE-122D1-20210319



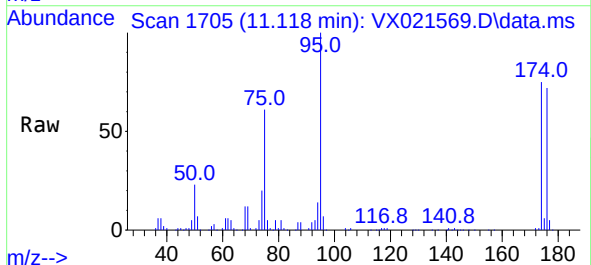
Tgt Ion: 97	Resp: 263
Ion Ratio	Lower Upper
97 100	
83 66.0	69.3 103.9#
85 59.1	44.3 66.5
99 70.2	50.3 75.5

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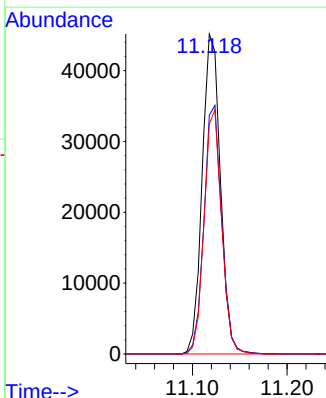
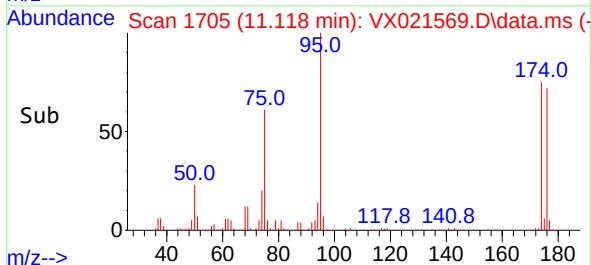
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3/31/2021 9:41:44 AM

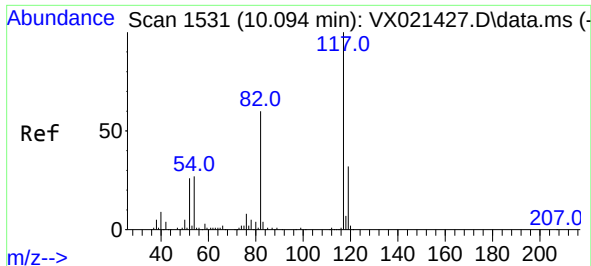


#62
4-Bromofluorobenzene
Concen: 53.33 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021569.D
Acq: 29 Mar 2021 12:09



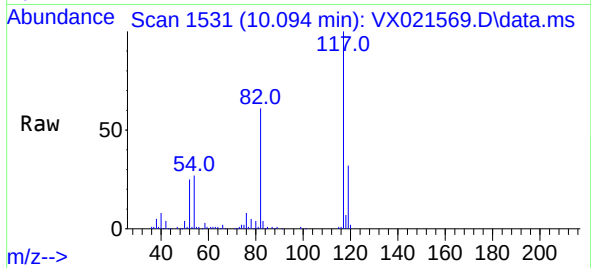
Tgt Ion: 95	Resp: 60223
Ion Ratio	Lower Upper
95 100	
174 75.6	0.0 154.6
176 73.3	0.0 155.8





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021569.D
Acq: 29 Mar 2021 12:09

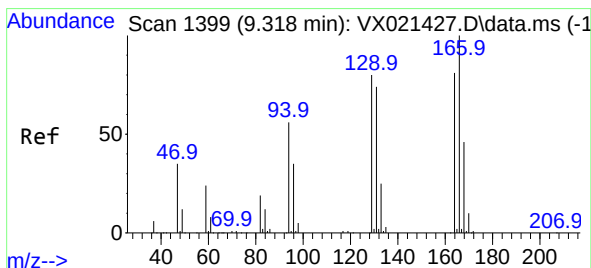
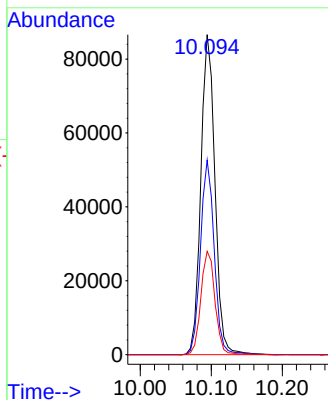
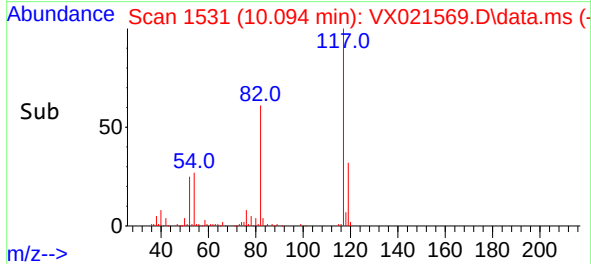
Instrument :
MSVOA_X
ClientSampleId :
RE-122D1-20210319



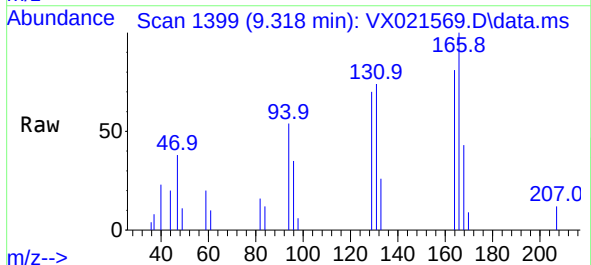
Tgt Ion:117 Resp: 120005
Ion Ratio Lower Upper
117 100
82 60.8 47.4 71.2
119 32.3 26.6 39.8

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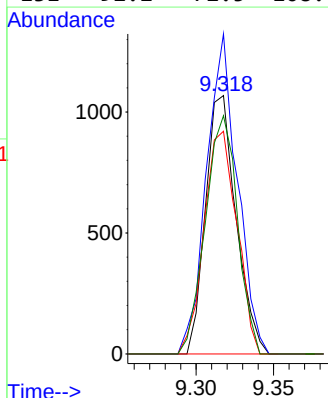
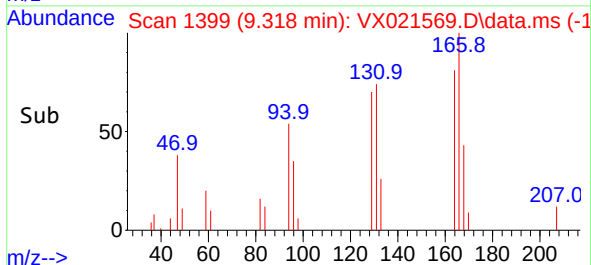
MMDadoda
3/31/2021 9:41:44 AM

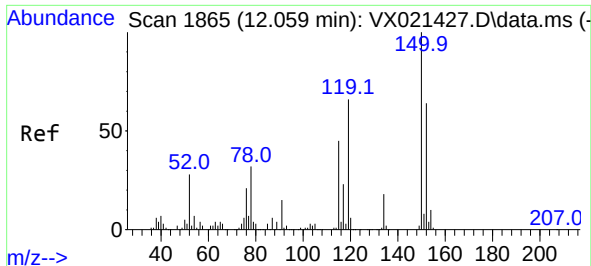


#64
Tetrachloroethene
Concen: 1.82 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX021569.D
Acq: 29 Mar 2021 12:09



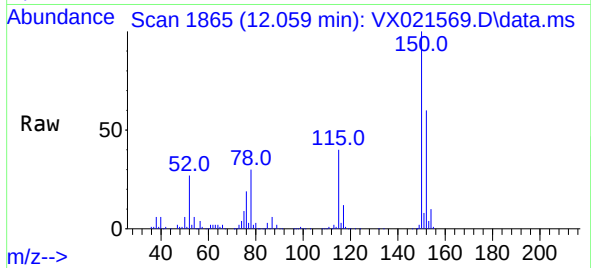
Tgt Ion:164 Resp: 1466
Ion Ratio Lower Upper
164 100
166 123.9 103.4 155.2
129 86.2 70.8 106.2
131 92.2 72.5 108.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.059 min Scan# 1865
 Delta R.T. 0.000 min
 Lab File: VX021569.D
 Acq: 29 Mar 2021 12:09

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-122D1-20210319



Tgt Ion:152 Resp: 53849
 Ion Ratio Lower Upper
 152 100
 115 65.3 41.1 123.3
 150 164.0 0.0 349.0

Manual Integrations
 APPROVED

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 3/31/2021 9:41:44 AM

