

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091721\
 Data File : VX024337.D
 Acq On : 18 Sep 2021 03:21
 Operator : JC/MD
 Sample : M3782-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20210915

Manual Integrations
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Quant Time: Sep 20 02:45:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	114686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	197111	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	189505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	86244	52.736	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.480%	
35) Dibromofluoromethane	5.397	113	66469	50.283	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.560%	
50) Toluene-d8	8.653	98	244720	50.817	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.640%	
62) 4-Bromofluorobenzene	11.085	95	89196	47.594	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.180%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	645	0.585	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	294710	261.019	ug/l	95
12) 1,1-Dichloroethene	2.325	96	3511	3.320	ug/l #	76
16) Acetone	2.386	43	2001	2.870	ug/l #	65
27) cis-1,2-Dichloroethene	4.495	96	8122	6.075	ug/l	96
30) Chloroform	5.111	83	1093	0.464	ug/l	84
32) 1,1,1-Trichloroethane	5.397	97	601	0.285	ug/l #	37
38) Carbon Tetrachloride	5.684	117	616m	0.302	ug/l	
44) Trichloroethene	7.135	130	204736	140.192	ug/l	99
49) 1,4-Dioxane	7.671	88	1143	32.547	ug/l #	76
64) Tetrachloroethene	9.281	164	20372	13.877	ug/l	94

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

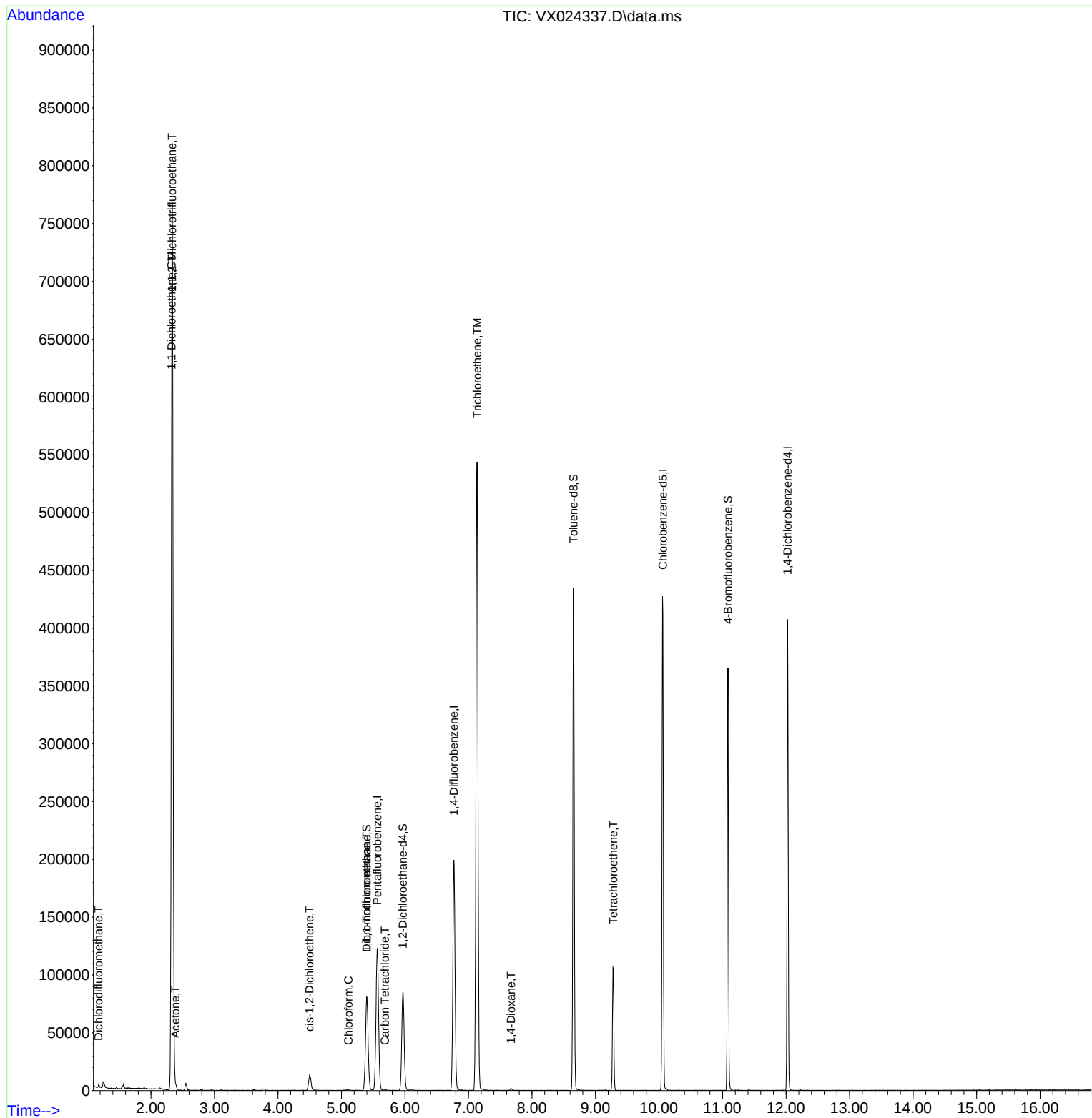
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Data File : VX024337.D
Acq On : 18 Sep 2021 03:21
Operator : JC/MD
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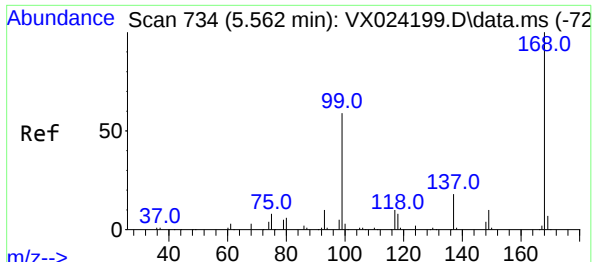
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20210915

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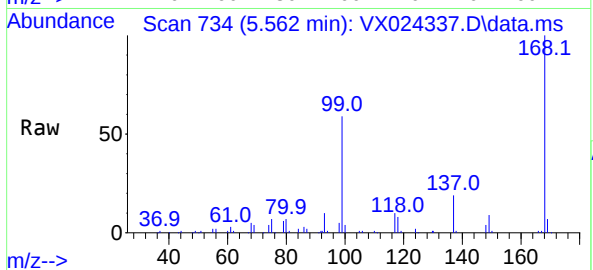
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Quant Time: Sep 20 02:45:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 14 12:18:04 2021
Response via : Initial Calibration

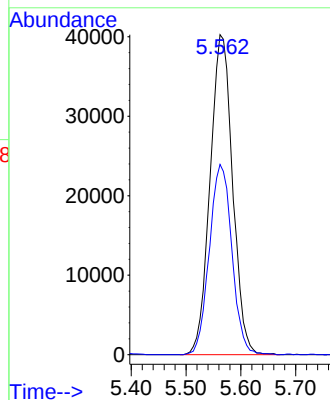
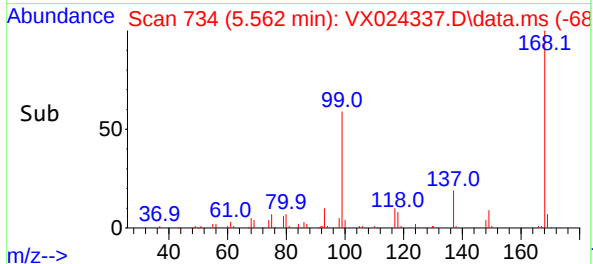




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024337.D
Acq: 18 Sep 2021 03:21



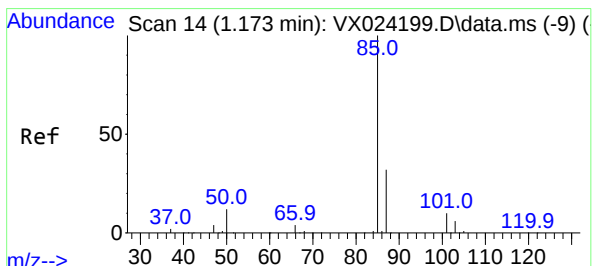
Tgt Ion: 168 Resp: 114686
Ion Ratio Lower Upper
168 100
99 59.4 45.8 68.6



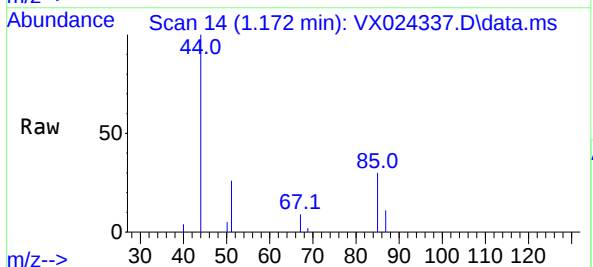
Instrument :
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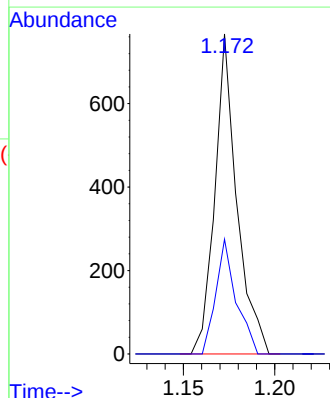
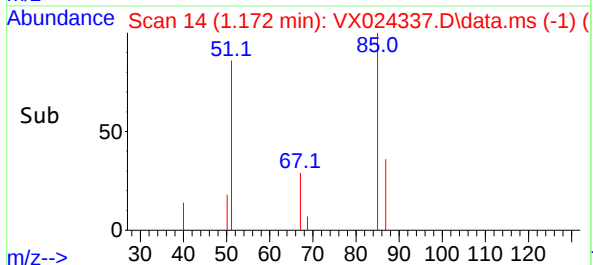
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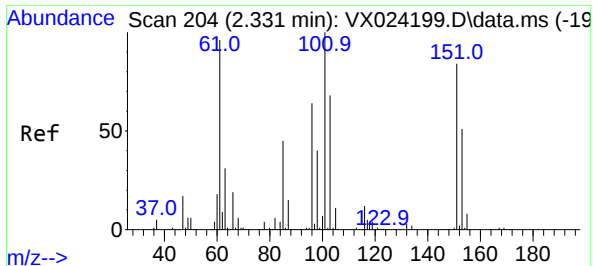


#2
Dichlorodifluoromethane
Concen: 0.585 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.001 min
Lab File: VX024337.D
Acq: 18 Sep 2021 03:21



Tgt Ion: 85 Resp: 645
Ion Ratio Lower Upper
85 100
87 35.9 16.4 49.2





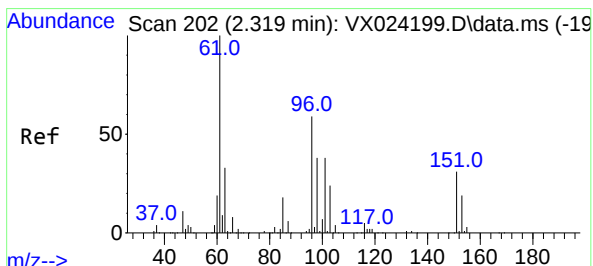
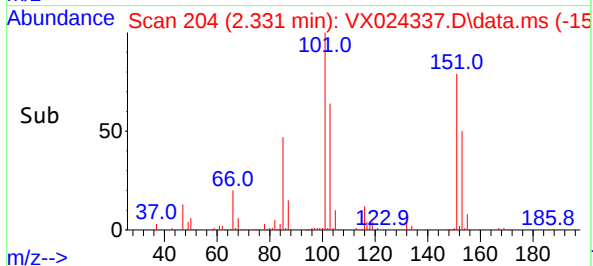
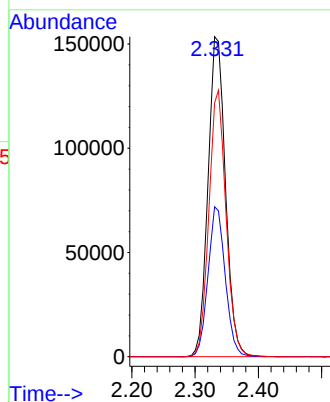
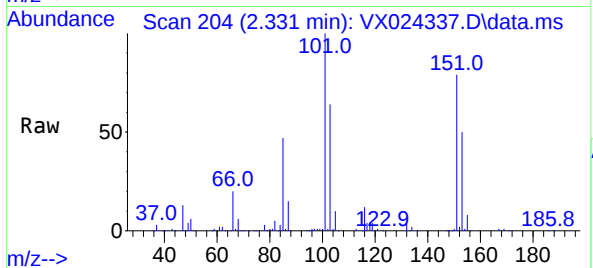
#9
1,1,2-Trichlorotrifluoroethane
Concen: 261.019 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX024337.D
Acq: 18 Sep 2021 03:21

Tgt Ion:101 Resp: 294710
Ion Ratio Lower Upper
101 100
85 46.3 34.9 52.3
151 81.6 61.4 92.2

Instrument :
MSVOA_X
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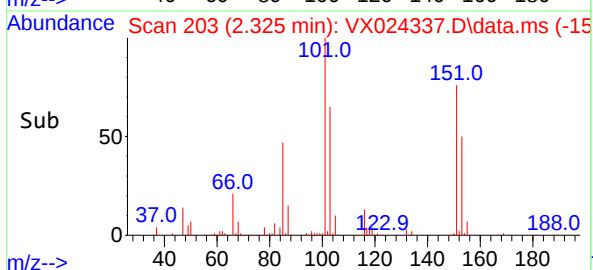
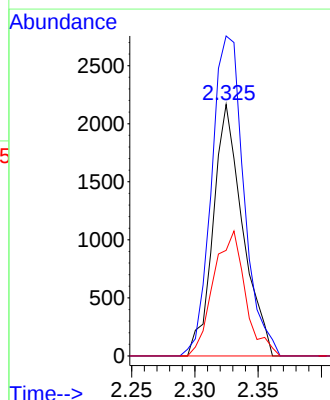
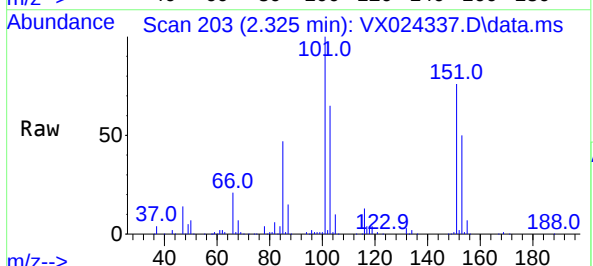
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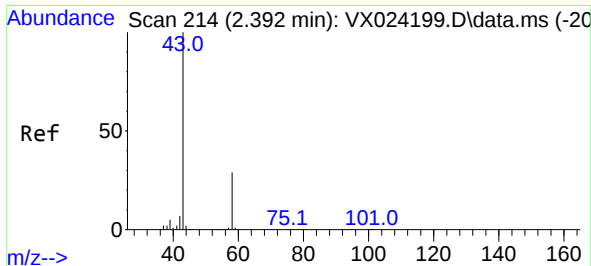
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#12
1,1-Dichloroethene
Concen: 3.320 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX024337.D
Acq: 18 Sep 2021 03:21

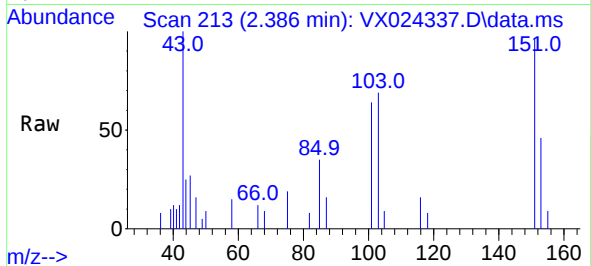
Tgt Ion: 96 Resp: 3511
Ion Ratio Lower Upper
96 100
61 127.2 124.6 187.0
98 42.0 50.6 76.0#





#16
Acetone
Concen: 2.870 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024337.D
Acq: 18 Sep 2021 03:21

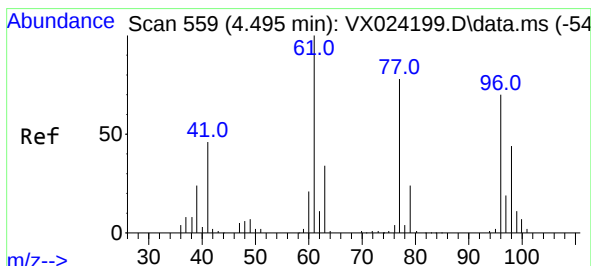
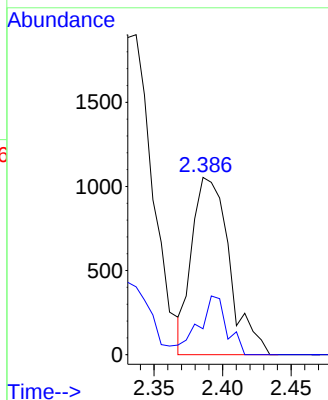
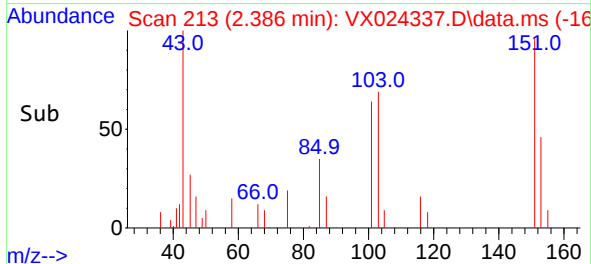
Instrument :
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ClientSampleId :
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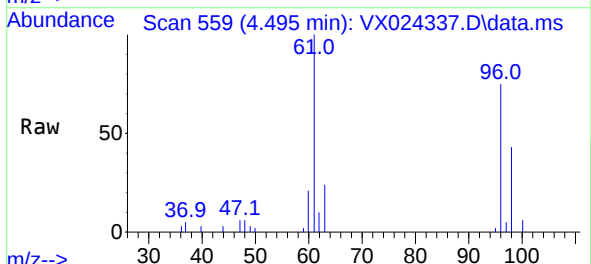
Tgt Ion: 43 Resp: 2001
Ion Ratio Lower Upper
43 100
58 14.6 27.8 41.8#

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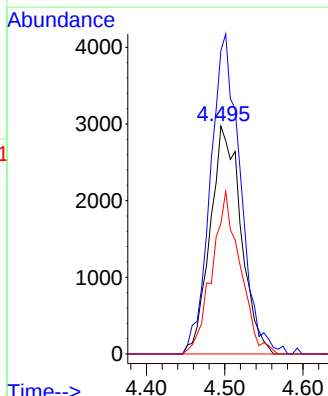
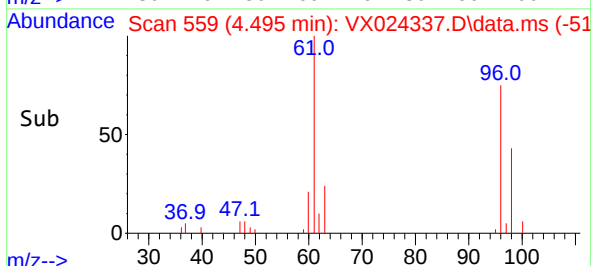
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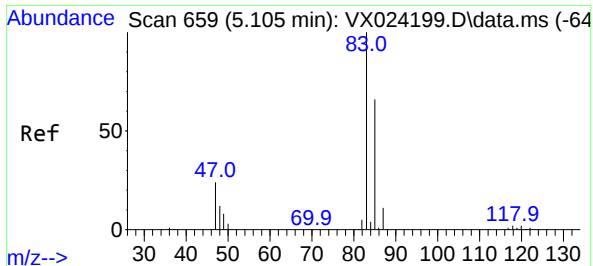


#27
cis-1,2-Dichloroethene
Concen: 6.075 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX024337.D
Acq: 18 Sep 2021 03:21



Tgt Ion: 96 Resp: 8122
Ion Ratio Lower Upper
96 100
61 136.1 0.0 285.6
98 65.3 0.0 129.6





#30

Chloroform

Concen: 0.464 ug/l

RT: 5.111 min Scan# 660

Delta R.T. 0.006 min

Lab File: VX024337.D

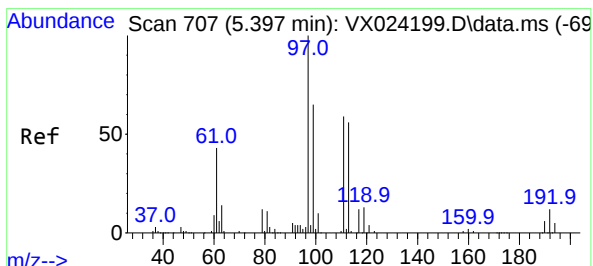
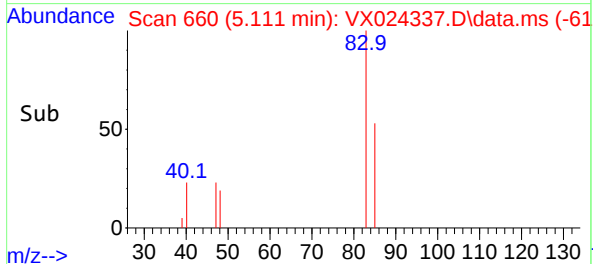
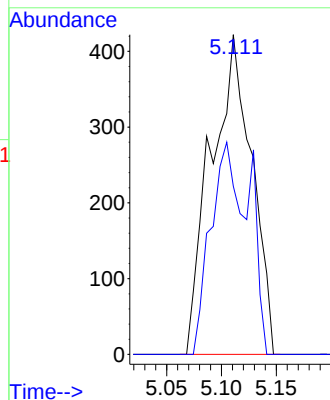
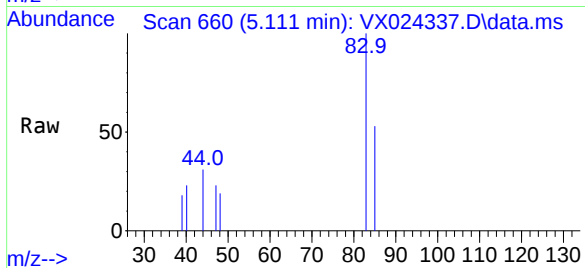
Acq: 18 Sep 2021 03:21

Tgt Ion: 83 Resp: 1093

Ion Ratio Lower Upper

83 100

85 52.6 52.0 78.0



#32

1,1,1-Trichloroethane

Concen: 0.285 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024337.D

Acq: 18 Sep 2021 03:21

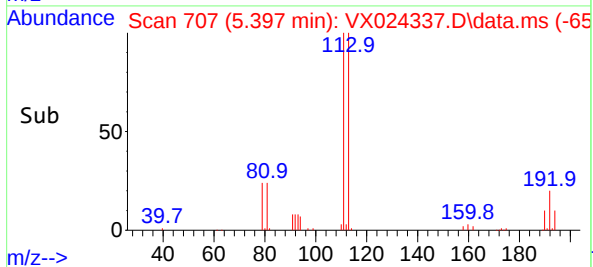
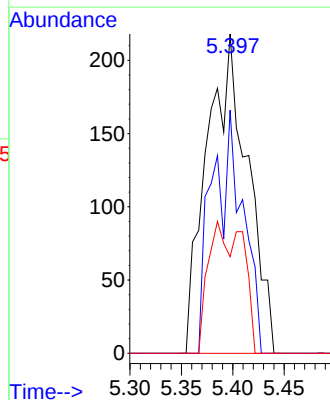
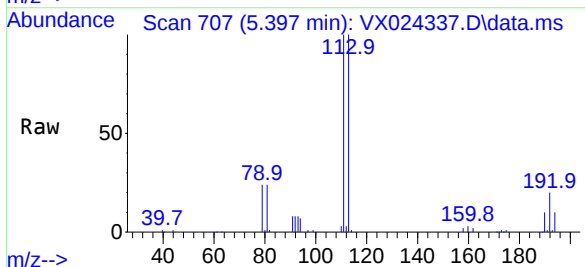
Tgt Ion: 97 Resp: 601

Ion Ratio Lower Upper

97 100

99 0.0 51.5 77.3#

61 21.6 34.2 51.4#



Instrument :

MSVOA_X

ClientSampleId :

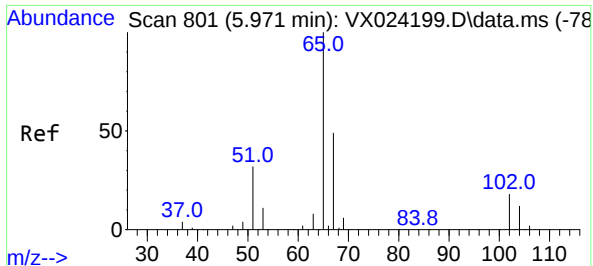
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Manual Integrations

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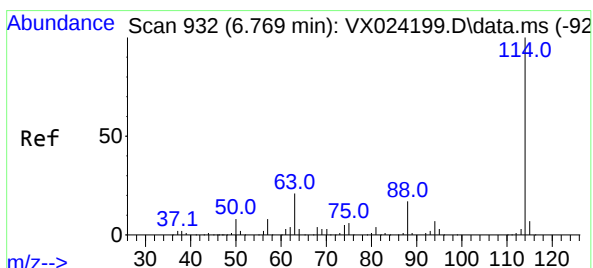
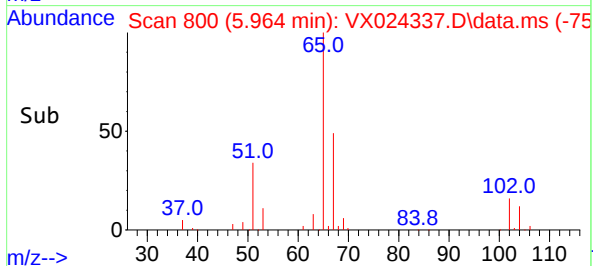
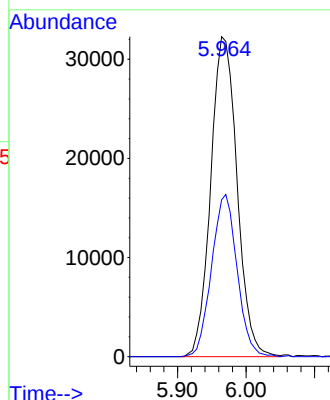
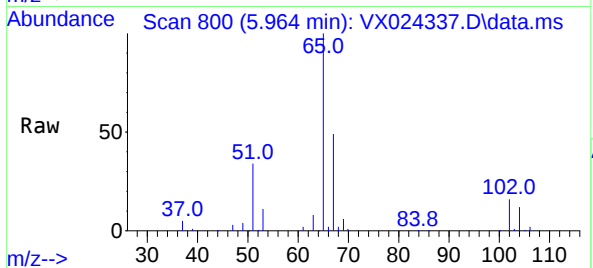
#33
1,2-Dichloroethane-d4
Concen: 52.736 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024337.D
Acq: 18 Sep 2021 03:21

Tgt Ion: 65 Resp: 86244
Ion Ratio Lower Upper
65 100
67 49.0 0.0 105.4

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20210915

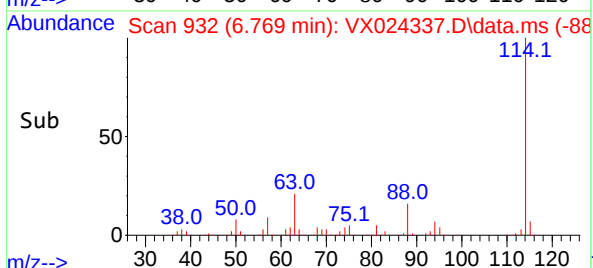
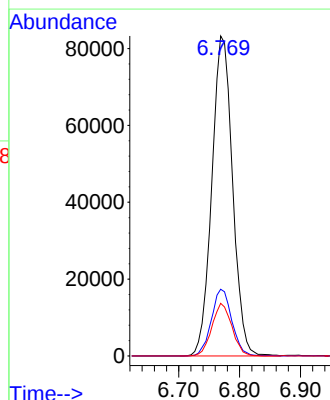
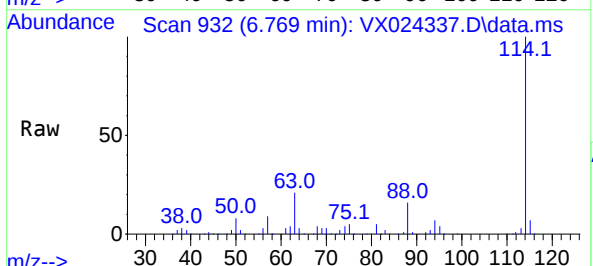
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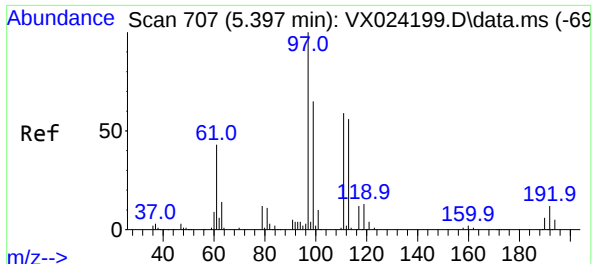
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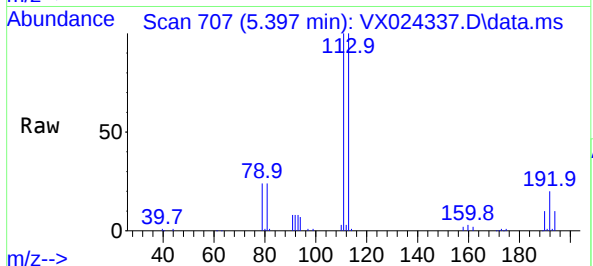
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024337.D
Acq: 18 Sep 2021 03:21

Tgt Ion: 114 Resp: 197111
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 16.4 0.0 32.8





#35
Dibromofluoromethane
Concen: 50.283 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024337.D
Acq: 18 Sep 2021 03:21



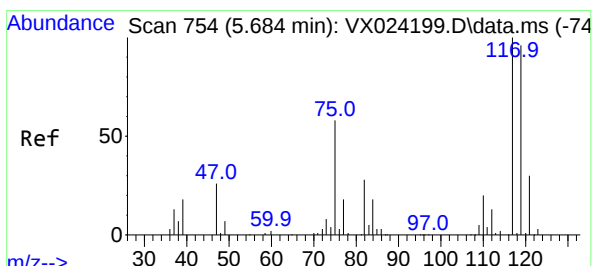
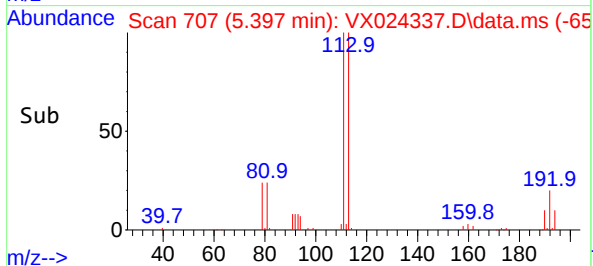
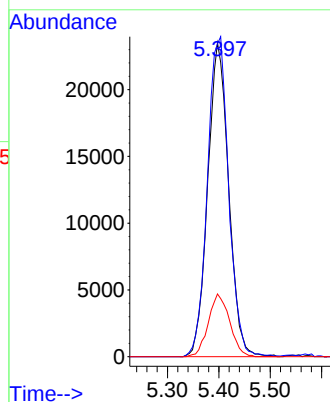
Tgt Ion:113 Resp: 66469

Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.9	122.9
192	20.4	16.7	25.1

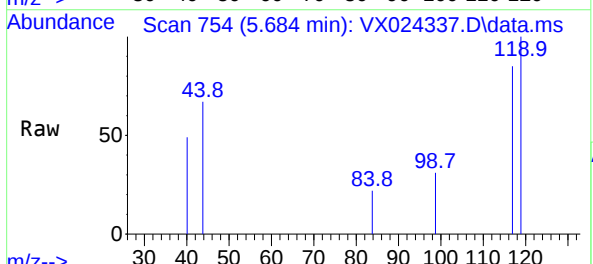
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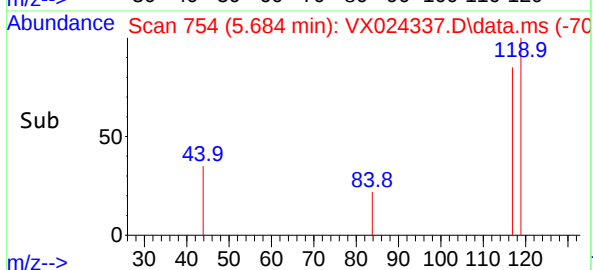
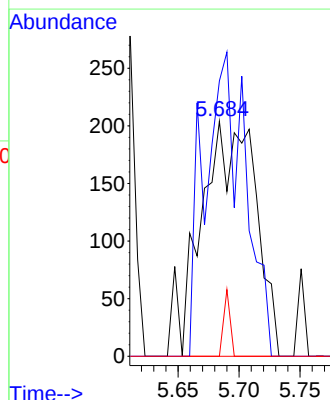


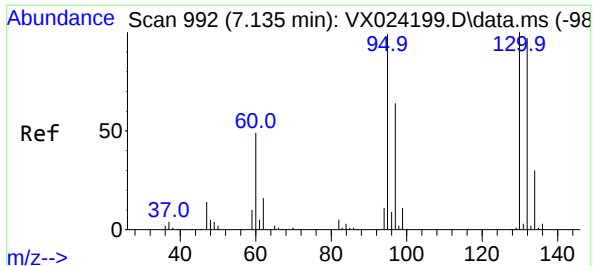
#38
Carbon Tetrachloride
Concen: 0.302 ug/l m
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX024337.D
Acq: 18 Sep 2021 03:21



Tgt Ion:117 Resp: 616

Ion	Ratio	Lower	Upper
117	100		
119	117.2	76.2	114.2#
121	0.0	24.8	37.2#





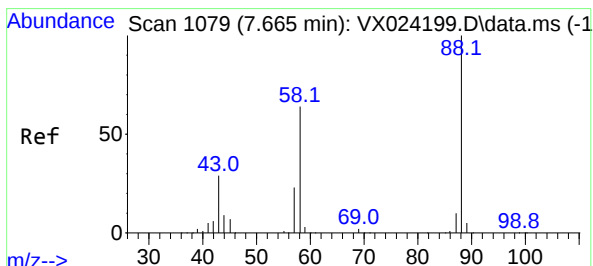
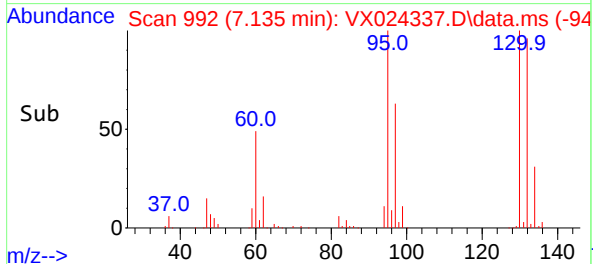
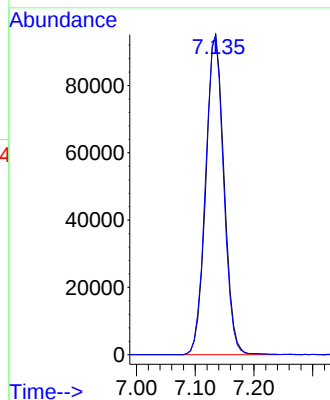
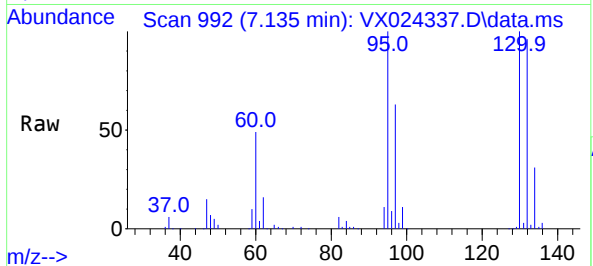
#44
Trichloroethene
Concen: 140.192 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX024337.D
Acq: 18 Sep 2021 03:21

Tgt Ion:130 Resp: 204736
Ion Ratio Lower Upper
130 100
95 99.8 0.0 198.0

Instrument :
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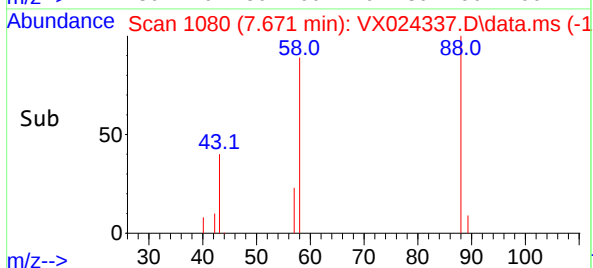
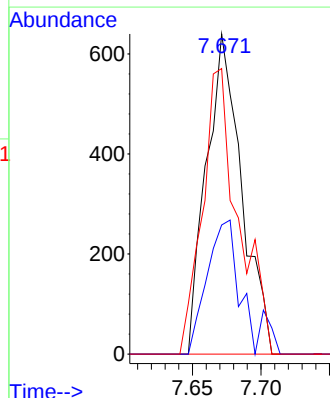
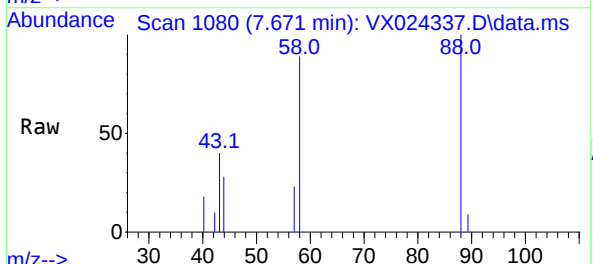
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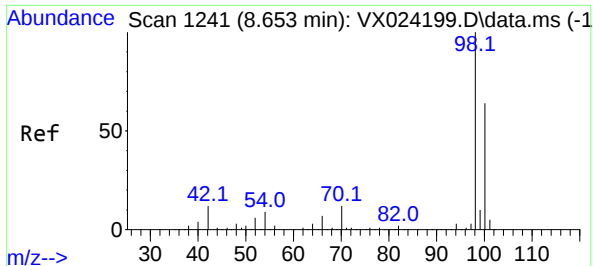
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#49
1,4-Dioxane
Concen: 32.547 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VX024337.D
Acq: 18 Sep 2021 03:21

Tgt Ion: 88 Resp: 1143
Ion Ratio Lower Upper
88 100
43 37.3 23.2 34.8#
58 91.0 55.0 82.4#





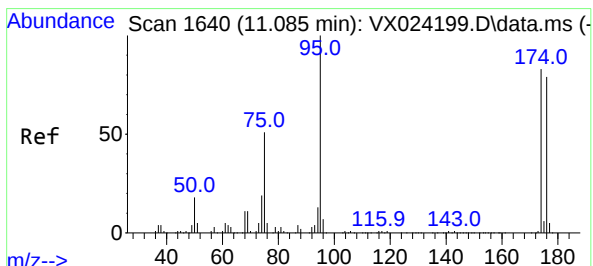
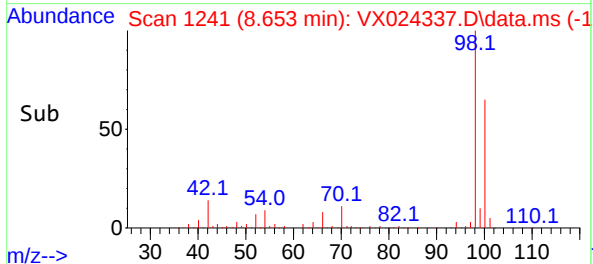
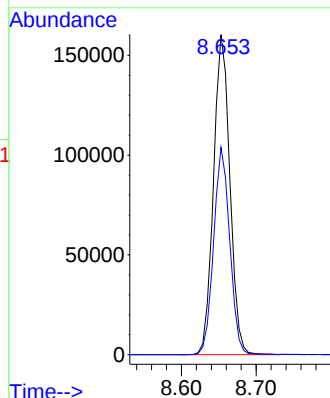
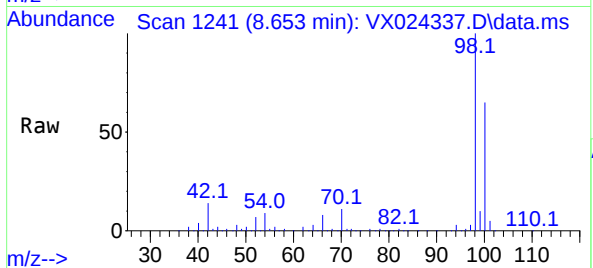
#50
Toluene-d8
Concen: 50.817 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024337.D
Acq: 18 Sep 2021 03:21

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20210915

Tgt Ion: 98 Resp: 244720
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9

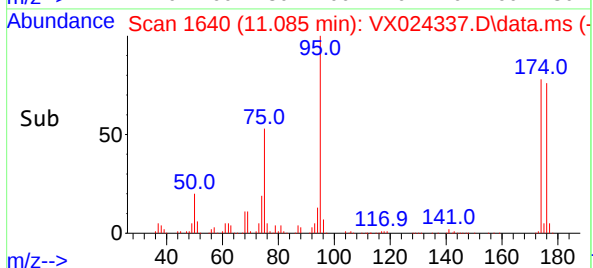
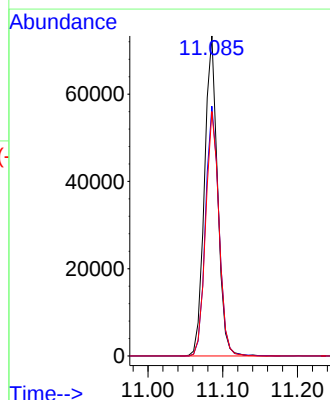
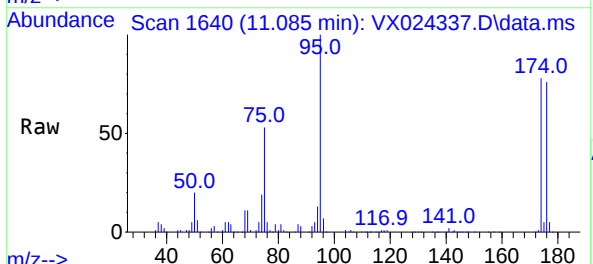
Manual Integrations
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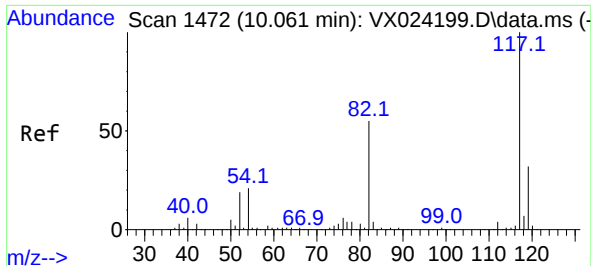
MMDadoda
9/21/2021 6:57:26 PM



#62
4-Bromofluorobenzene
Concen: 47.594 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024337.D
Acq: 18 Sep 2021 03:21

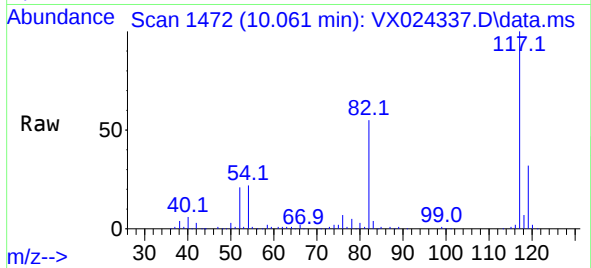
Tgt Ion: 95 Resp: 89196
Ion Ratio Lower Upper
95 100
174 79.5 0.0 154.6
176 77.6 0.0 155.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024337.D
Acq: 18 Sep 2021 03:21

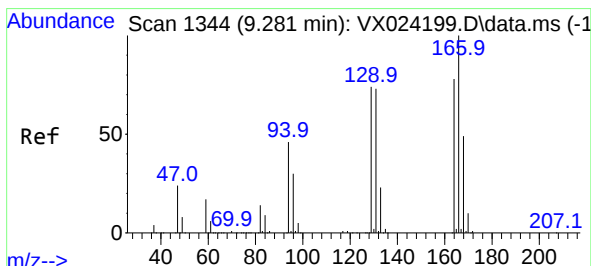
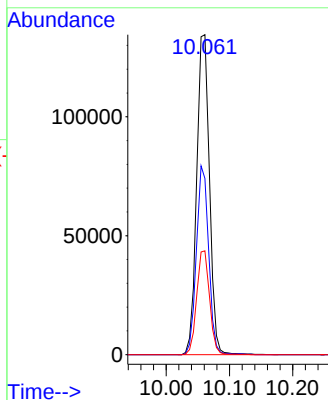
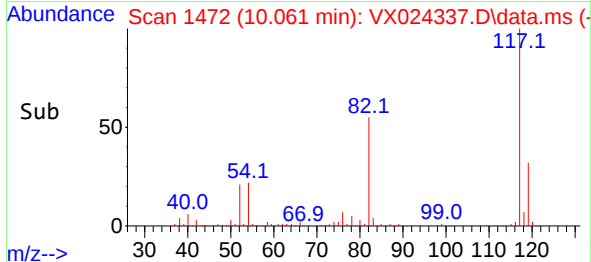
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20210915



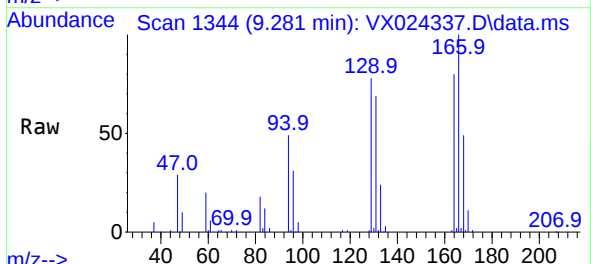
Tgt Ion:117 Resp: 189505
Ion Ratio Lower Upper
117 100
82 55.1 47.4 71.2
119 32.5 26.6 39.8

Manual Integrations
APPROVED

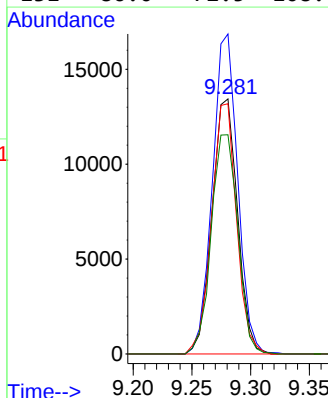
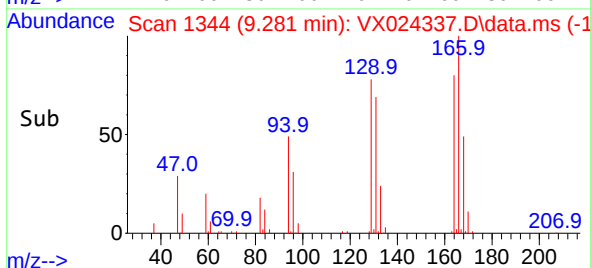
MMDadoda
9/21/2021 6:57:26 PM

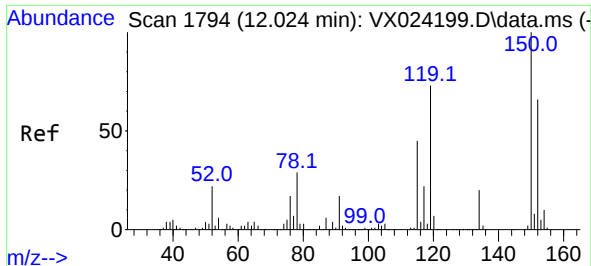


#64
Tetrachloroethene
Concen: 13.877 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX024337.D
Acq: 18 Sep 2021 03:21



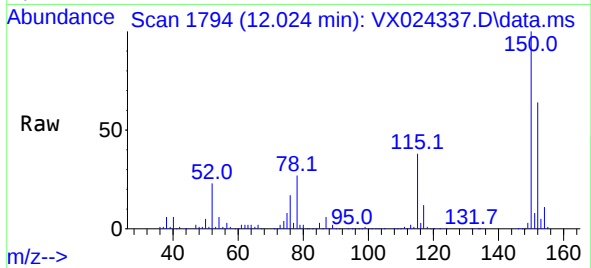
Tgt Ion:164 Resp: 20372
Ion Ratio Lower Upper
164 100
166 125.5 103.4 155.2
129 98.1 70.8 106.2
131 86.0 72.5 108.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024337.D
 Acq: 18 Sep 2021 03:21

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20210915



Tgt Ion:152 Resp: 80392
 Ion Ratio Lower Upper
 152 100
 115 58.0 41.1 123.3
 150 157.6 0.0 349.0

Manual Integrations
 APPROVED

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 9/21/2021 6:57:26 PM

