

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
 Data File : VN070375.D
 Acq On : 30 Dec 2021 4:11
 Operator : JC/MD
 Sample : M5007-03RE
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-04RE

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/30/2021
 Supervised By : Amit Patel 12/30/2021

Quant Time: Dec 30 07:17:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : Sw846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	886012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1558142	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1358281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	453578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	675343	53.013	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	106.020%	
35) Dibromofluoromethane	8.024	113	478935	50.802	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	101.600%	
50) Toluene-d8	10.443	98	1743649	45.275	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	90.540%	
62) 4-Bromofluorobenzene	12.731	95	629228	45.236	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	90.480%	
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	53945	6.523	ug/l	98
18) Methyl Acetate	4.867	43	16481m	0.689	ug/l	
19) Methyl tert-butyl Ether	5.621	73	135175	4.034	ug/l	92
27) cis-1,2-Dichloroethene	7.327	96	90871	7.971	ug/l	97
44) Trichloroethene	9.217	130	2952	0.260	ug/l	85
95) Naphthalene	15.507	128	9543	2.242	ug/l #	94

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

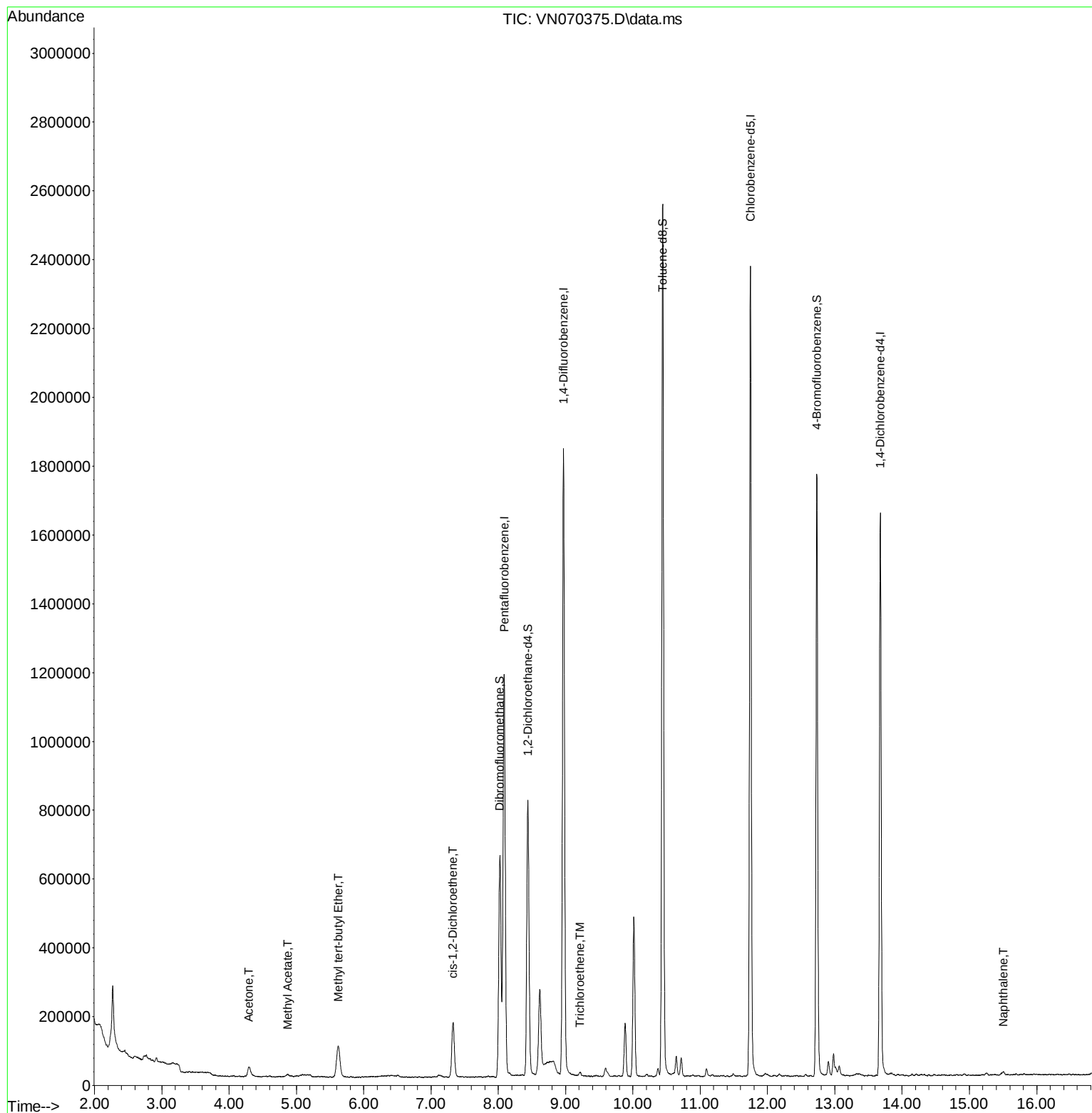
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
Data File : VN070375.D
Acq On : 30 Dec 2021 4:11
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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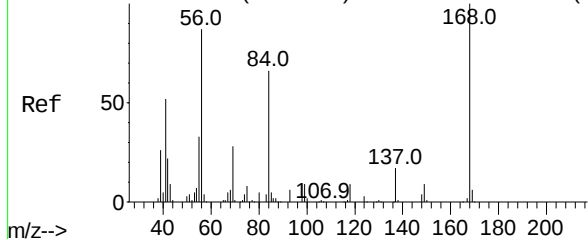
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Quant Time: Dec 30 07:17:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration



Abundance Scan 2273 (8.086 min): VN070308.D\data.ms (-2249) (-)



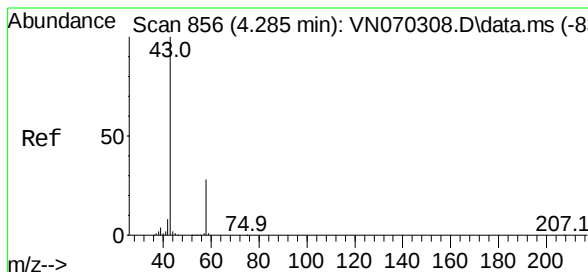
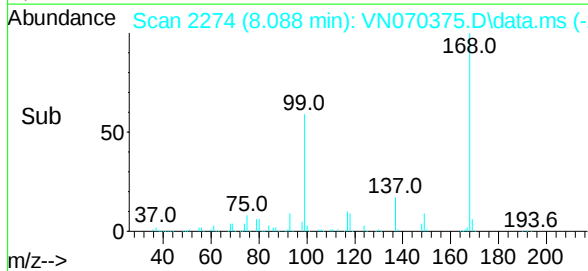
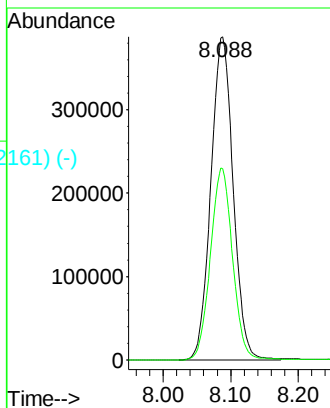
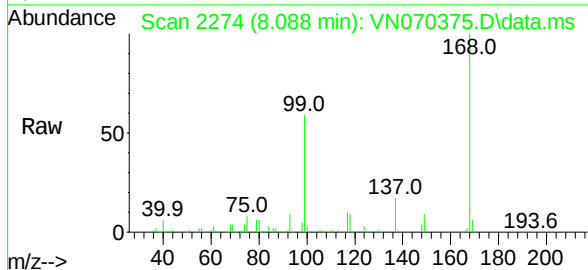
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2161
Delta R.T. 0.002 min
Lab File: VN070375.D
Acq: 30 Dec 2021 4:11

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-04RE

Tgt Ion:168 Resp: 88602
Ion Ratio Lower Upper
168 100
99 59.2 41.3 61.9

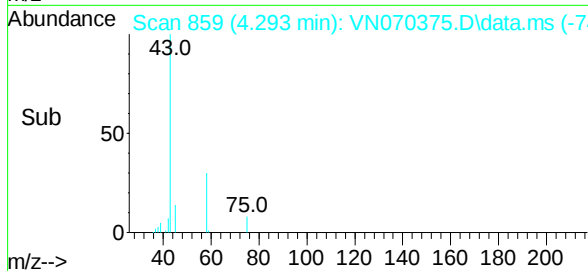
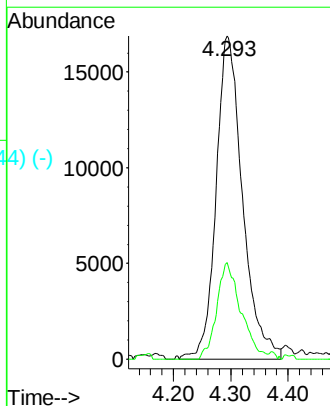
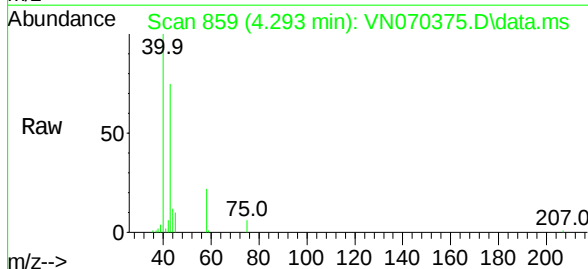
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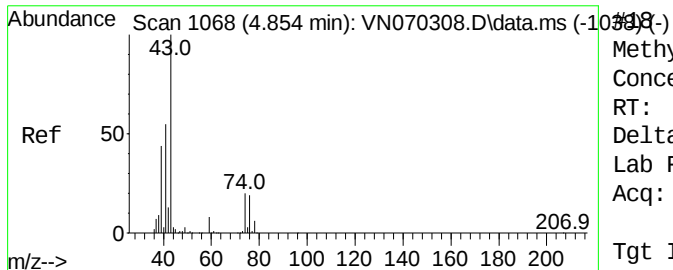
Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021



Acetone
Concen: 6.523 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN070375.D
Acq: 30 Dec 2021 4:11

Tgt Ion: 43 Resp: 53945
Ion Ratio Lower Upper
43 100
58 29.9 23.1 34.7





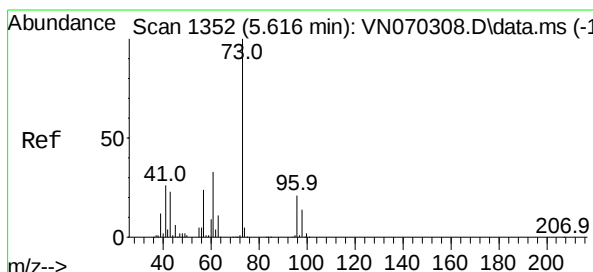
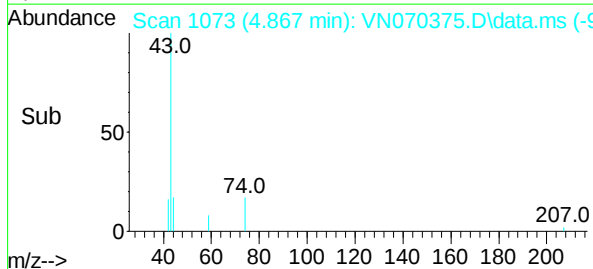
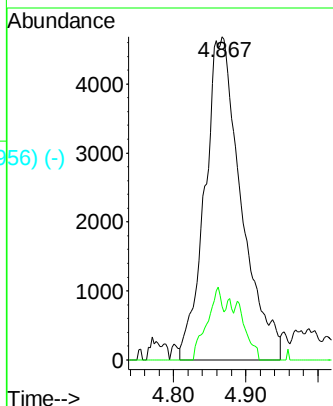
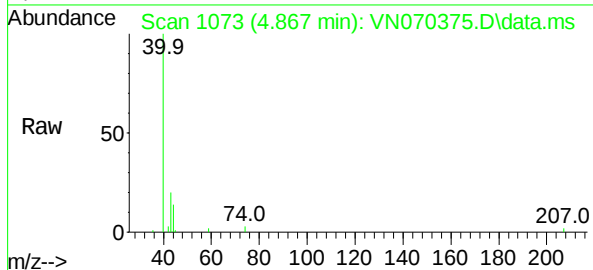
Methyl Acetate
 Concen: 0.689 ug/l m
 RT: 4.867 min Scan# 1068
 Delta R.T. 0.013 min
 Lab File: VN070375.D
 Acq: 30 Dec 2021 4:11

Instrument :
 MSVOA_N
 Client Sample Id :
 TOLL-MW-04RE

Tgt Ion: 43 Resp: 1648
 Ion Ratio Lower Upper
 43 100
 74 9.7 19.4 29.2

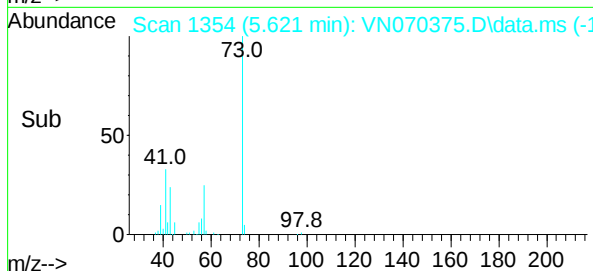
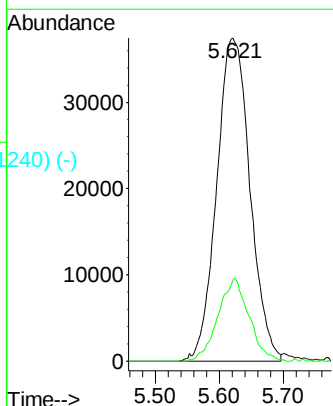
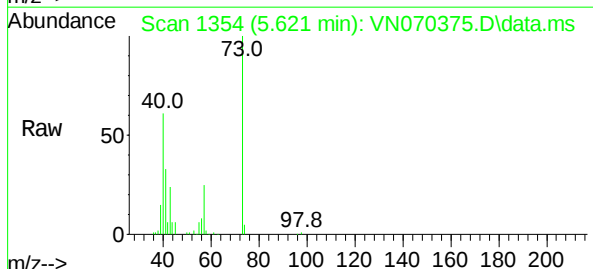
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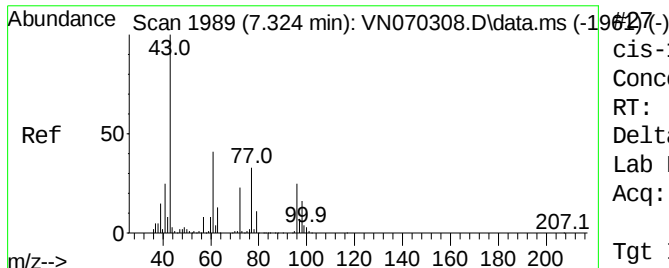
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Methyl tert-butyl Ether
 Concen: 4.034 ug/l
 RT: 5.621 min Scan# 1354
 Delta R.T. 0.005 min
 Lab File: VN070375.D
 Acq: 30 Dec 2021 4:11

Tgt Ion: 73 Resp: 135175
 Ion Ratio Lower Upper
 73 100
 57 25.0 16.8 25.2





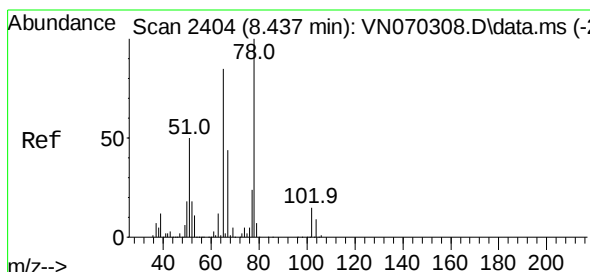
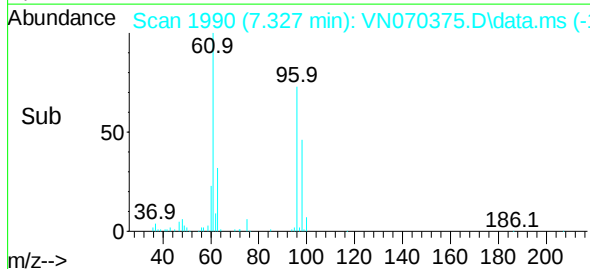
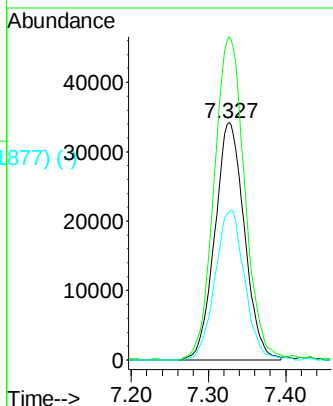
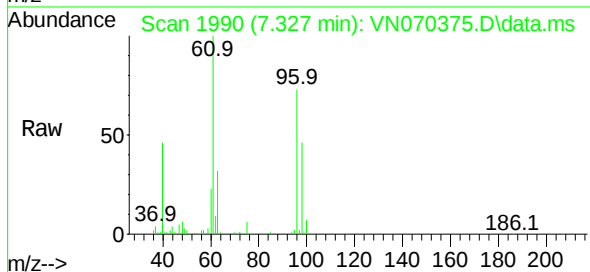
cis-1,2-Dichloroethene
 Concen: 7.971 ug/l
 RT: 7.327 min Scan# 1989
 Delta R.T. 0.003 min
 Lab File: VN070375.D
 Acq: 30 Dec 2021 4:11

Instrument : MSVOA_N
 ClientSampleId : TOLL-MW-04RE

Tgt Ion: 96 Resp: 9087
 Ion Ratio Lower Upper
 96 100
 61 140.9 0.0 275.0
 98 63.0 0.0 129.6

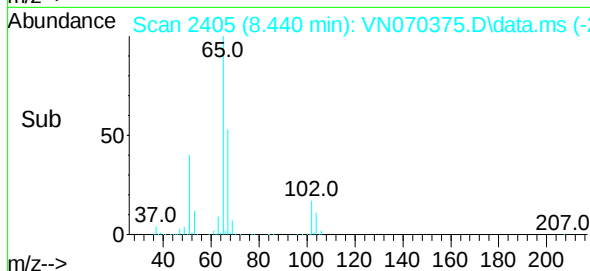
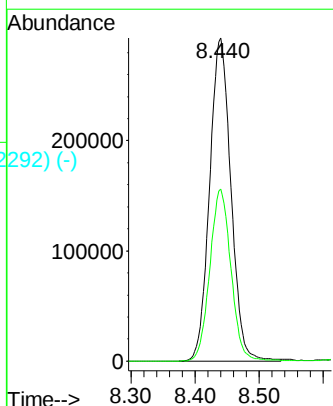
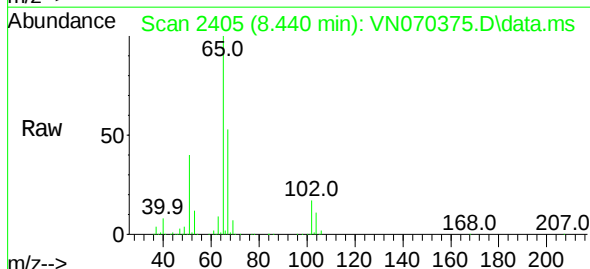
Manual Integrations
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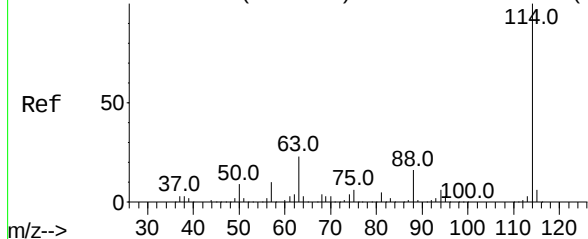


1,2-Dichloroethane-d4
 Concen: 53.013 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. 0.003 min
 Lab File: VN070375.D
 Acq: 30 Dec 2021 4:11

Tgt Ion: 65 Resp: 675343
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 103.0



Abundance Scan 2602 (8.968 min): VN070308.D\data.ms (-25794-)



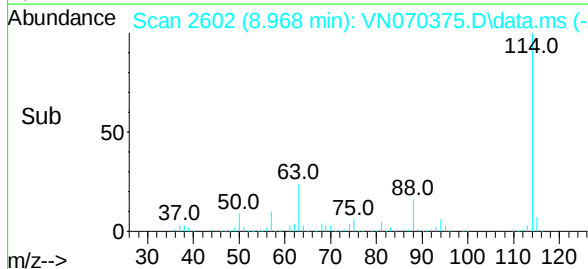
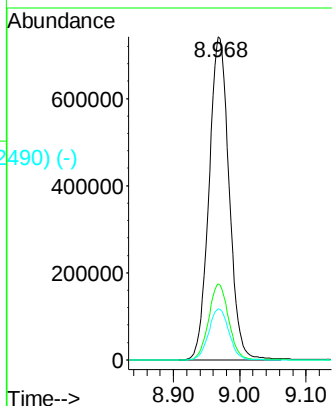
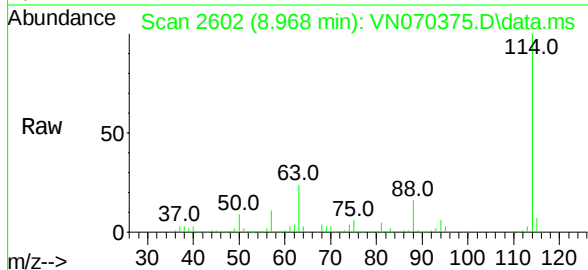
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN070375.D
Acq: 30 Dec 2021 4:11

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-04RE

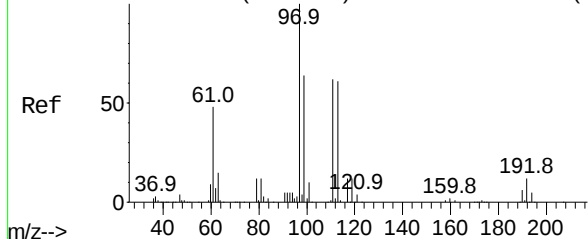
Tgt Ion:	114	Resp:	155814
Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	37.8
88	15.7	0.0	27.4

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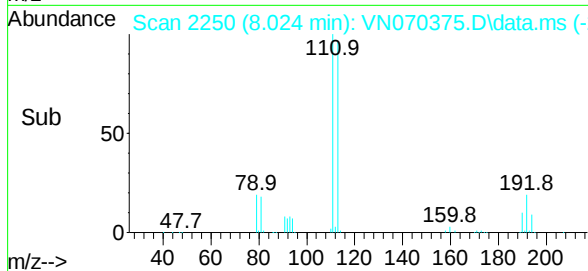
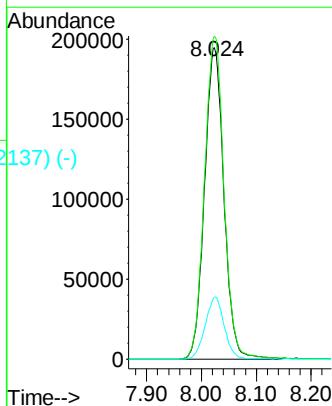
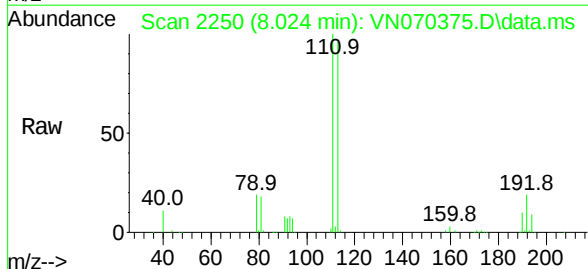


Abundance Scan 2249 (8.021 min): VN070308.D\data.ms (-22395-)

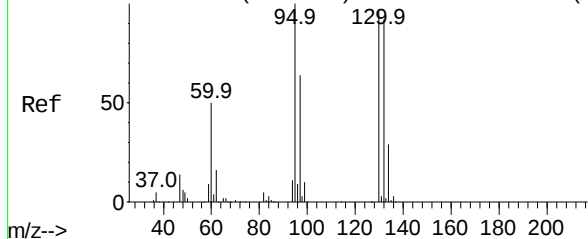


Dibromofluoromethane
Concen: 50.802 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN070375.D
Acq: 30 Dec 2021 4:11

Tgt Ion:	113	Resp:	478935
Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.2	123.2
192	19.5	16.9	25.3



Abundance Scan 2694 (9.215 min): VN070308.D\data.ms (-26794-)



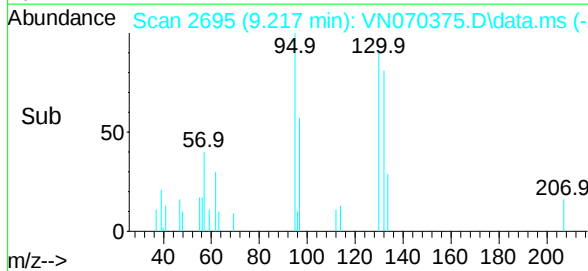
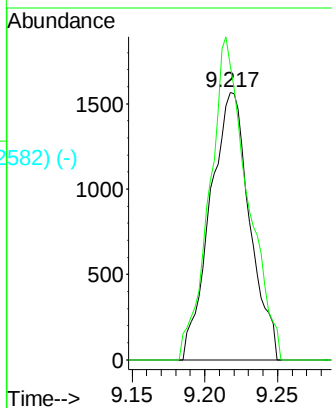
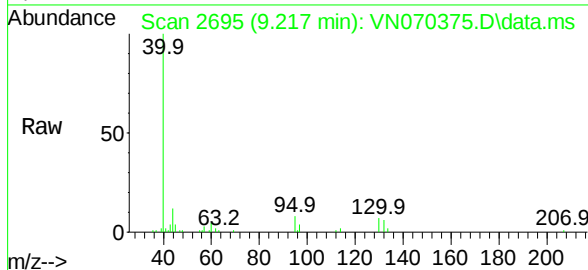
Trichloroethene
Concen: 0.260 ug/l
RT: 9.217 min Scan# 2694
Delta R.T. 0.002 min
Lab File: VN070375.D
Acq: 30 Dec 2021 4:11

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-04RE

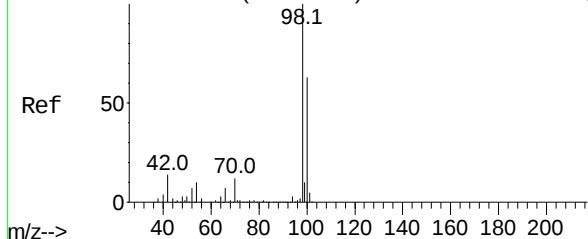
Tgt Ion:130 Resp: 295
Ion Ratio Lower Upper
130 100
95 109.8 0.0 191.2

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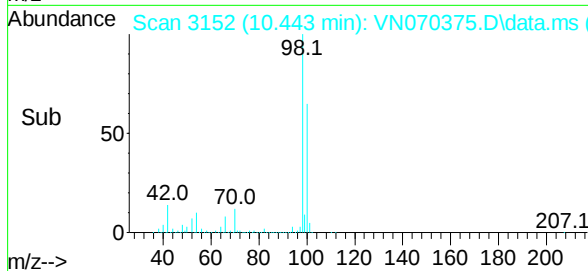
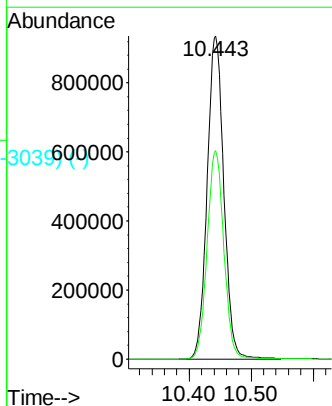
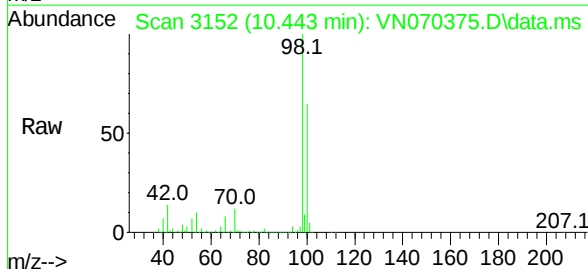


Abundance Scan 3151 (10.440 min): VN070308.D\data.ms (-3150-)

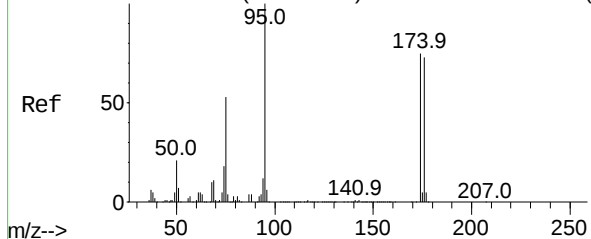


Toluene-d8
Concen: 45.275 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VN070375.D
Acq: 30 Dec 2021 4:11

Tgt Ion: 98 Resp: 1743649
Ion Ratio Lower Upper
98 100
100 64.6 50.4 75.6



Abundance Scan 4005 (12.731 min): VN070308.D\data.ms (-3962) (-)



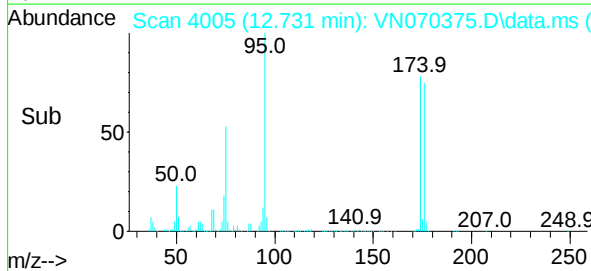
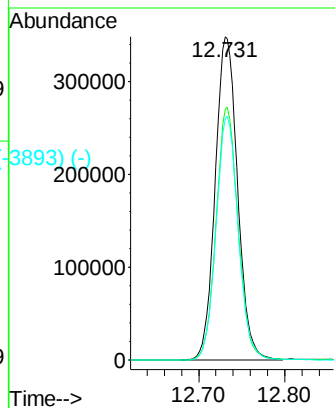
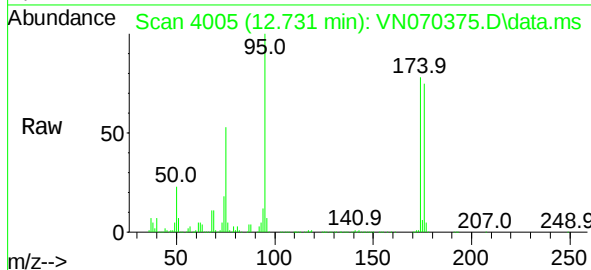
4-Bromofluorobenzene
Concen: 45.236 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070375.D
Acq: 30 Dec 2021 4:11

Instrument :
MSVOA_N
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TOLL-MW-04RE

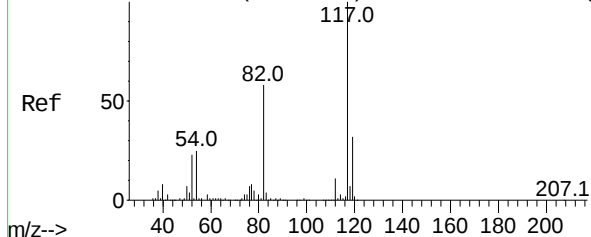
Tgt Ion: 95 Resp: 62922
Ion Ratio Lower Upper
95 100
174 77.0 0.0 187.2
176 74.5 0.0 181.4

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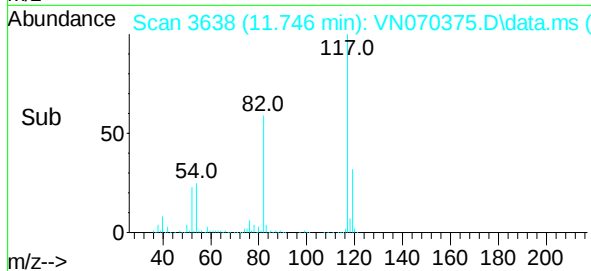
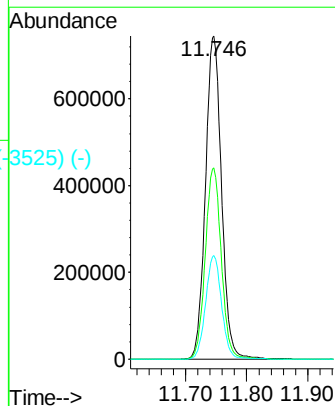
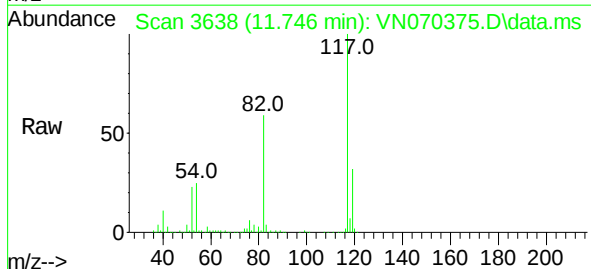


Abundance Scan 3637 (11.744 min): VN070308.D\data.ms (-3653) (-)

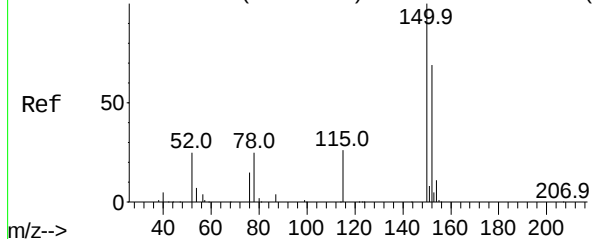


Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.002 min
Lab File: VN070375.D
Acq: 30 Dec 2021 4:11

Tgt Ion:117 Resp: 1358281
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 32.1 25.4 38.2



Abundance Scan 4356 (13.672 min): VN070308.D\data.ms (-4372) (-)



1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4372
Delta R.T. 0.003 min
Lab File: VN070375.D
Acq: 30 Dec 2021 4:11

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-04RE

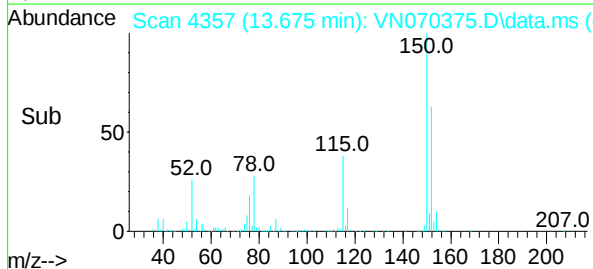
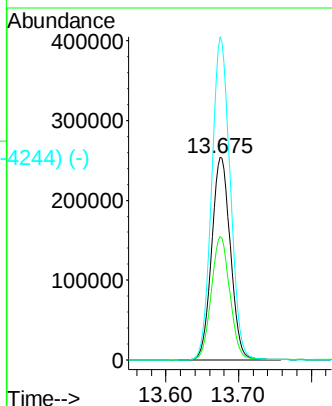
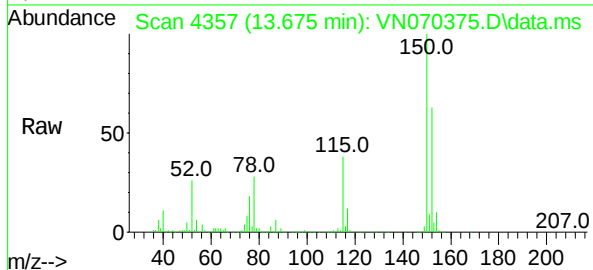
Tgt Ion:152 Resp: 45357
Ion Ratio Lower Upper
152 100
115 60.4 27.5 82.5
150 157.0 0.0 344.4

Manual Integrations

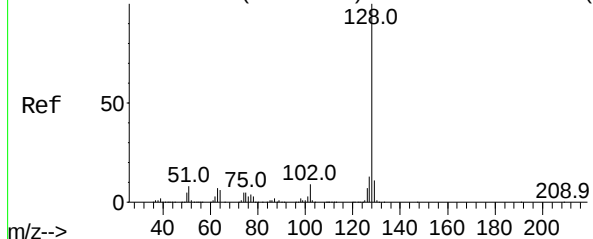
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Reviewed By :John Carlone 12/30/2021

Supervised By :Amit Patel 12/30/2021



Abundance Scan 5039 (15.504 min): VN070308.D\data.ms (-5095) (-)



Naphthalene
Concen: 2.242 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.003 min
Lab File: VN070375.D
Acq: 30 Dec 2021 4:11

Tgt Ion:128 Resp: 9543
Ion Ratio Lower Upper
128 100
127 11.1 10.5 15.7
129 8.2 8.7 13.1#

