

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072221\
 Data File : VN067867.D
 Acq On : 22 Jul 2021 17:27
 Operator : JC/MD
 Sample : M3132-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 55-ST-32

Manual Integrations
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Quant Time: Jul 24 07:14:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N071421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 14 01:19:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.662	128	54957	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	314595	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.749	117	278548	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.437	65	141977	31.977	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	106.600%
60) 4-Bromofluorobenzene	12.736	95	115791	25.597	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	85.333%
63) Toluene-d8	10.446	98	386664	30.180	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.600%
Target Compounds						
4) Vinyl Chloride	2.445	62	2653	0.486	ug/l #	75
15) Acetone	4.293	58	3328m	8.391	ug/l	
22) cis-1,2-Dichloroethene	7.327	96	93283	23.782	ug/l	88
37) Trichloroethene	9.220	130	1080	0.282	ug/l #	79

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

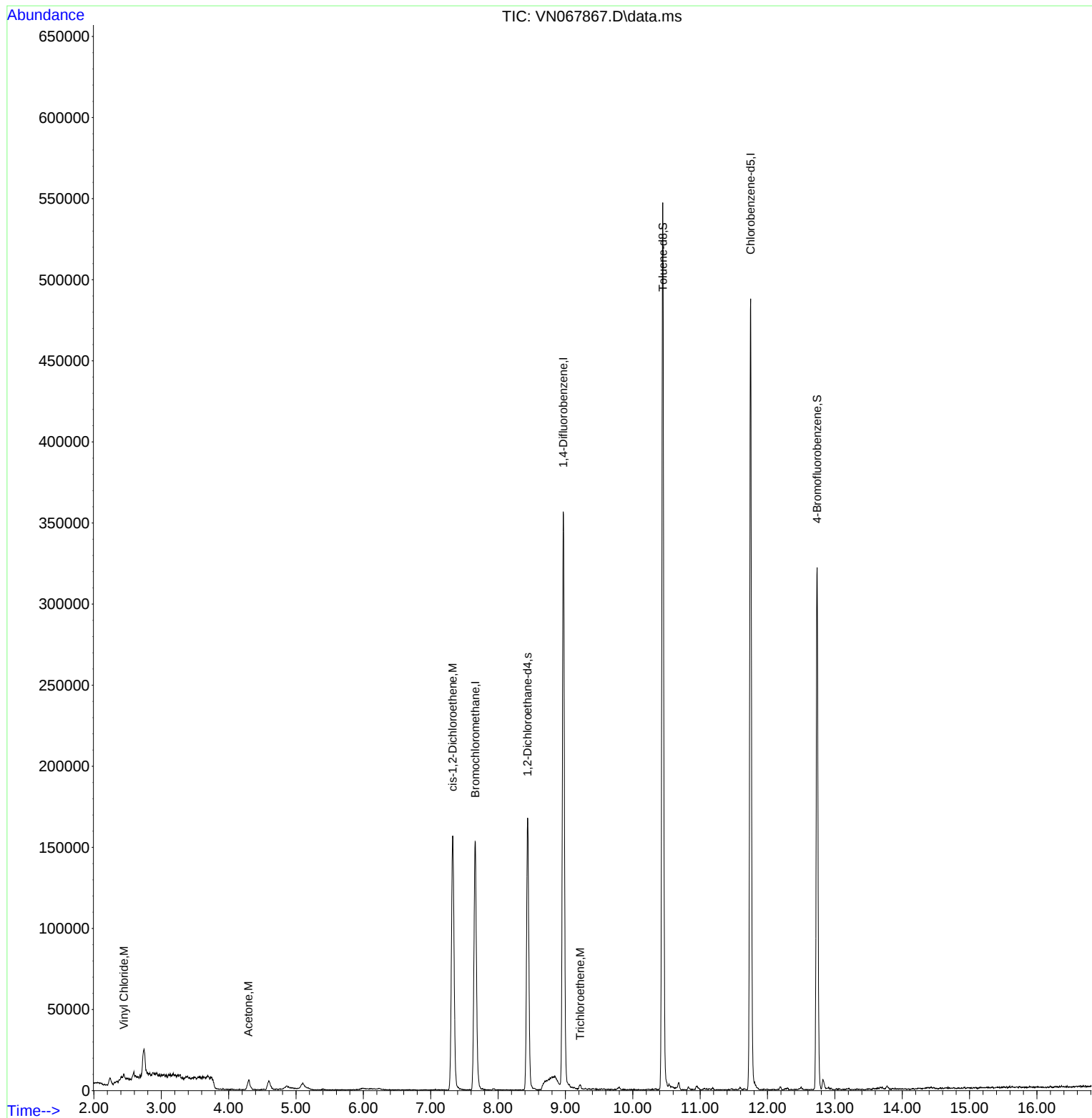
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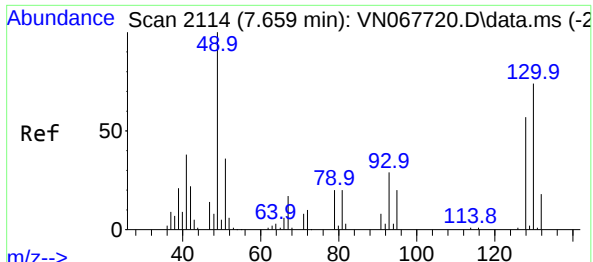
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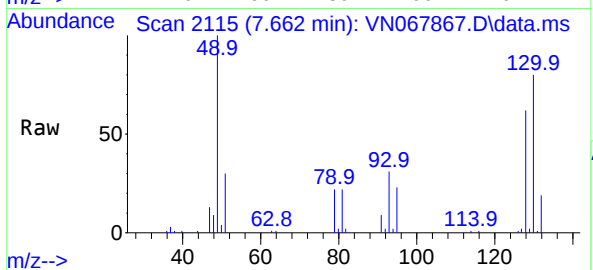
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Quant Time: Jul 24 07:14:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N071421W.M
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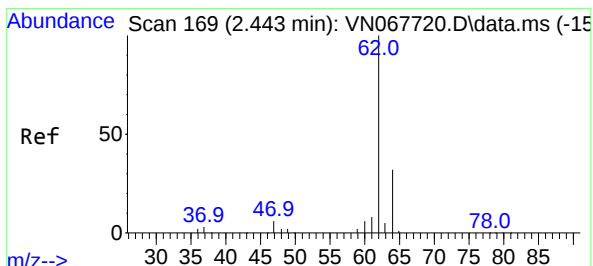
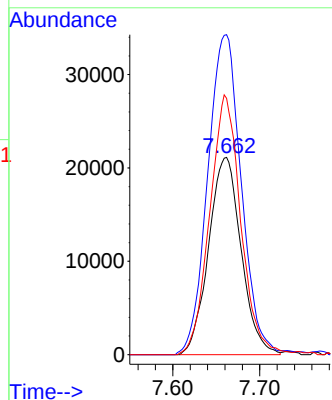
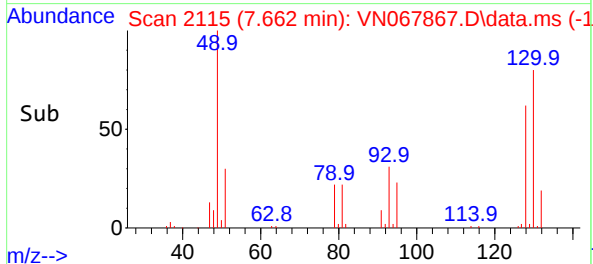




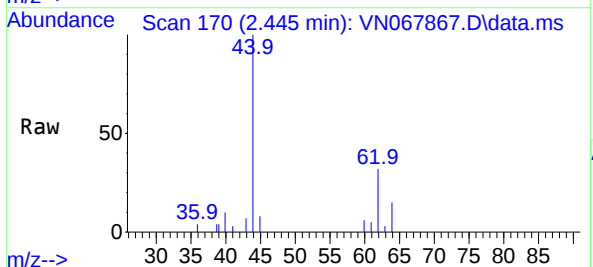
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VN067867.D
Acq: 22 Jul 2021 17:27



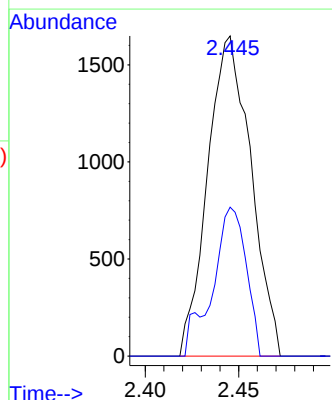
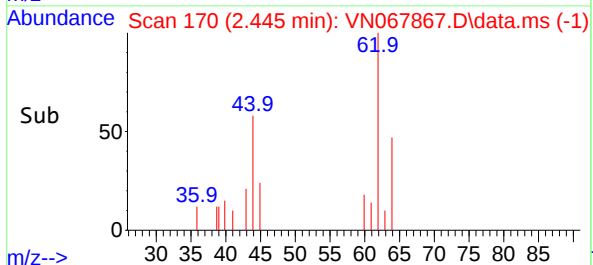
Tgt Ion:128 Resp: 54957
Ion Ratio Lower Upper
128 100
49 166.8 0.0 433.0
130 125.4 0.0 323.8



#4
Vinyl Chloride
Concen: 0.486 ug/l
RT: 2.445 min Scan# 170
Delta R.T. 0.002 min
Lab File: VN067867.D
Acq: 22 Jul 2021 17:27



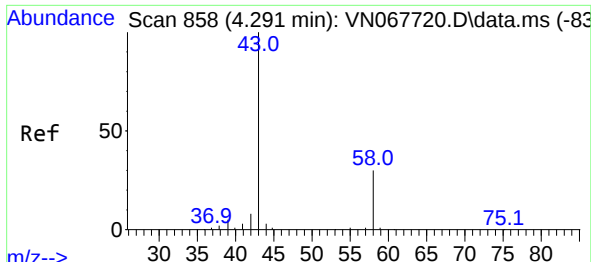
Tgt Ion: 62 Resp: 2653
Ion Ratio Lower Upper
62 100
64 46.5 25.9 38.9#



Instrument :
MSVOA_N
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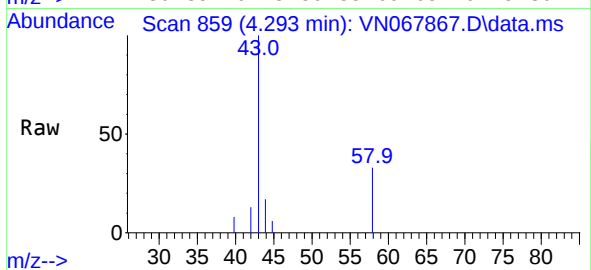
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#15
Acetone
Concen: 8.391 ug/l m
RT: 4.293 min Scan# 859
Delta R.T. 0.002 min
Lab File: VN067867.D
Acq: 22 Jul 2021 17:27

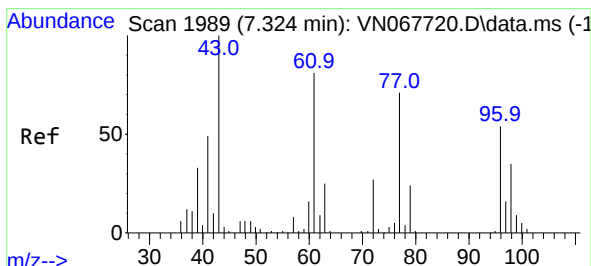
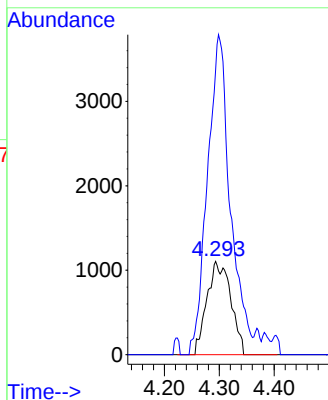
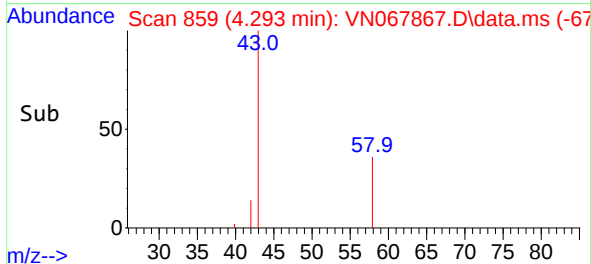
Instrument :
MSVOA_N
ClientSampled :
55-ST-32



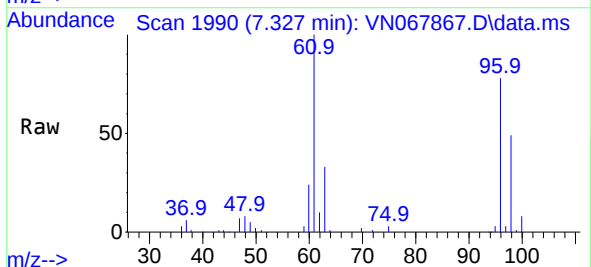
Tgt Ion: 58 Resp: 3328
Ion Ratio Lower Upper
58 100
43 305.4 268.2 402.4

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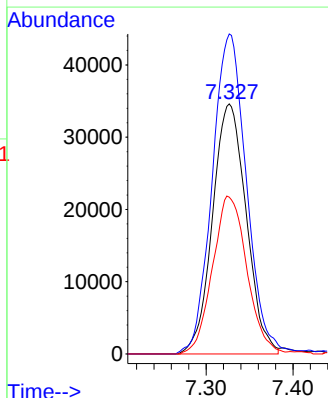
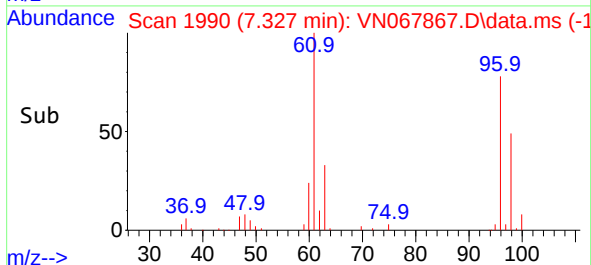
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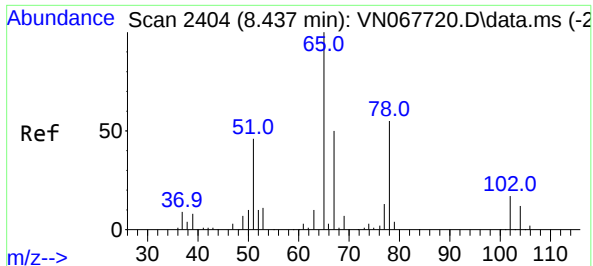


#22
cis-1,2-Dichloroethene
Concen: 23.782 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.002 min
Lab File: VN067867.D
Acq: 22 Jul 2021 17:27



Tgt Ion: 96 Resp: 93283
Ion Ratio Lower Upper
96 100
61 130.0 121.2 181.8
98 64.3 51.8 77.8





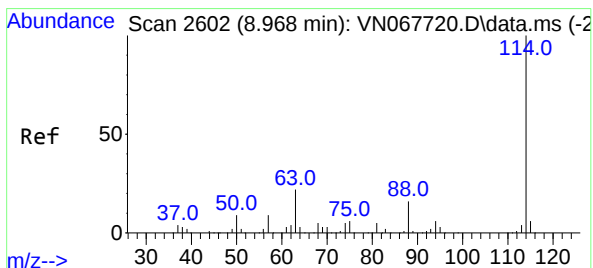
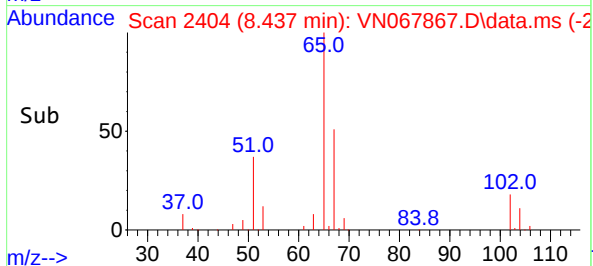
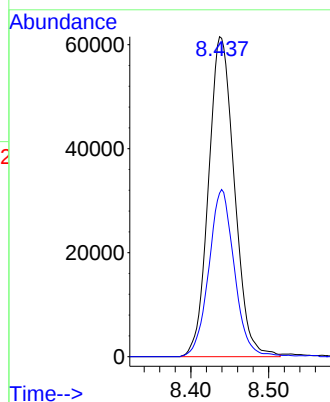
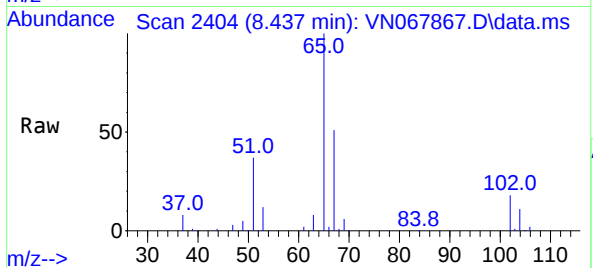
#27
1,2-Dichloroethane-d4
Concen: 31.977 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN067867.D
Acq: 22 Jul 2021 17:27

Tgt Ion: 65 Resp: 141977
Ion Ratio Lower Upper
65 100
67 51.4 40.6 60.8

Instrument :
MSVOA_N
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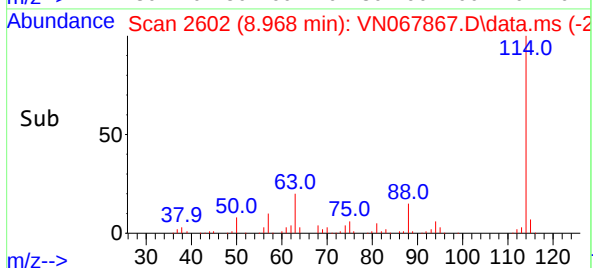
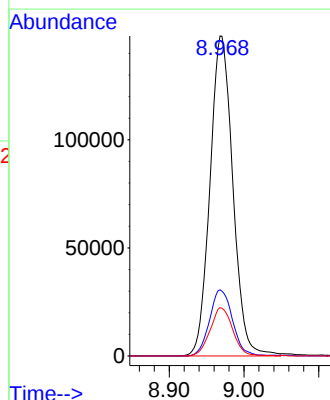
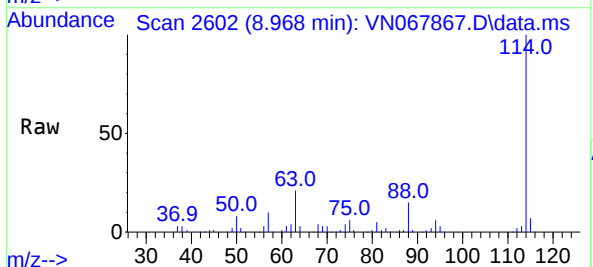
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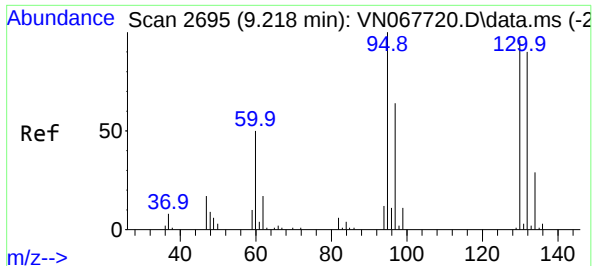
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#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN067867.D
Acq: 22 Jul 2021 17:27

Tgt Ion: 114 Resp: 314595
Ion Ratio Lower Upper
114 100
63 20.7 17.2 25.8
88 14.8 12.4 18.6





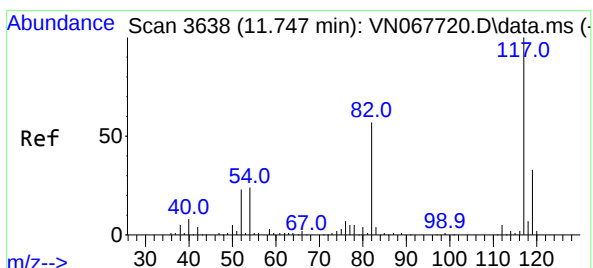
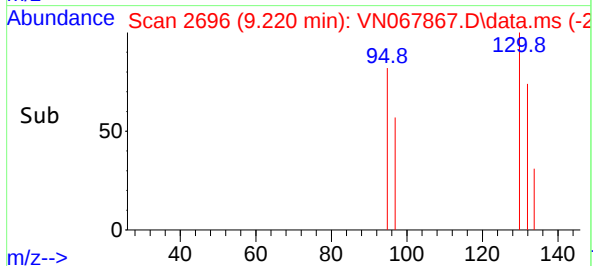
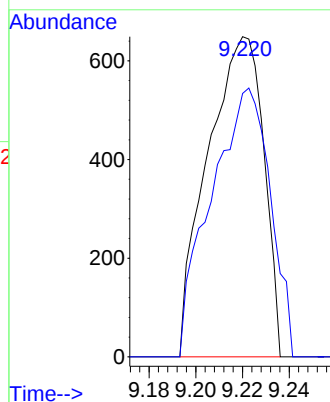
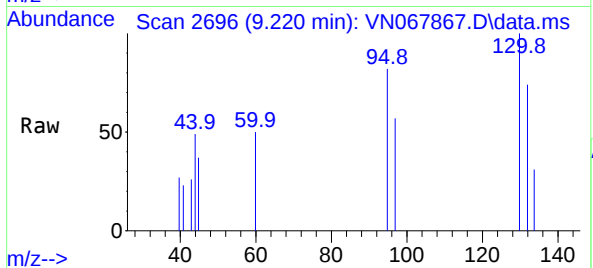
#37
Trichloroethene
Concen: 0.282 ug/l
RT: 9.220 min Scan# 2696
Delta R.T. 0.002 min
Lab File: VN067867.D
Acq: 22 Jul 2021 17:27

Tgt Ion:130 Resp: 1080
Ion Ratio Lower Upper
130 100
95 82.3 83.2 124.8#

Instrument :
MSVOA_N
ClientSampled :
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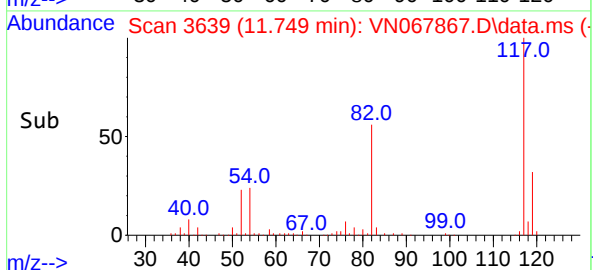
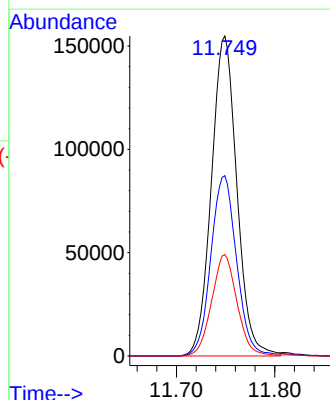
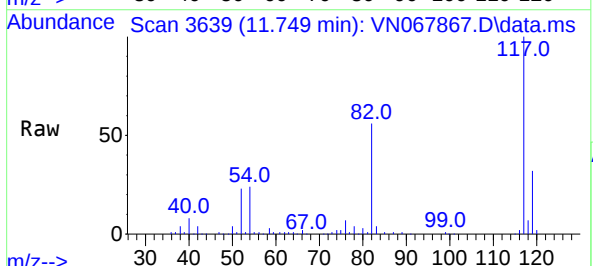
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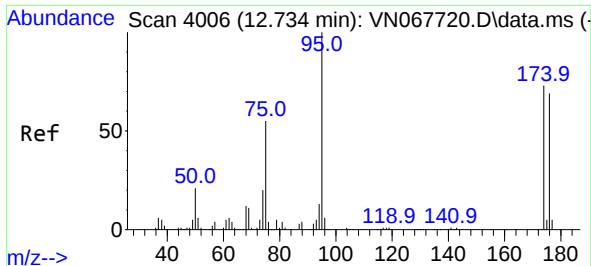
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#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN067867.D
Acq: 22 Jul 2021 17:27

Tgt Ion:117 Resp: 278548
Ion Ratio Lower Upper
117 100
82 56.8 45.4 68.0
119 31.5 25.7 38.5





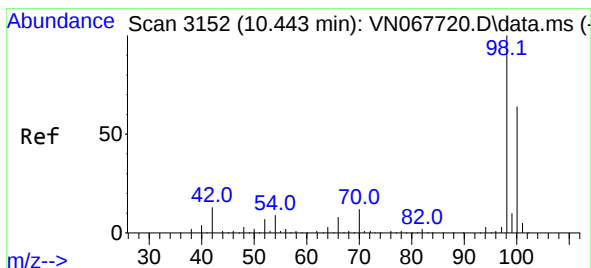
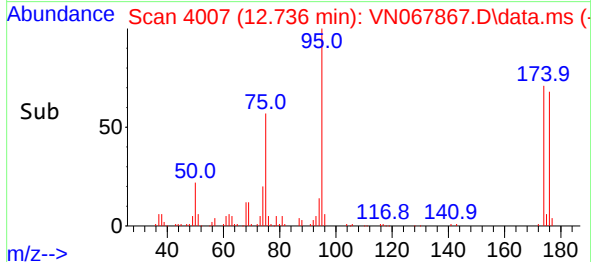
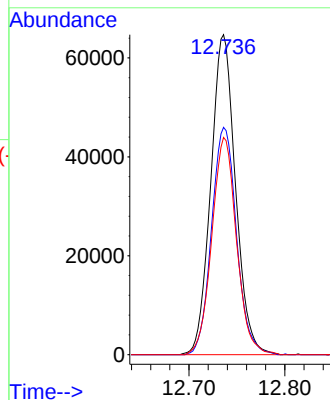
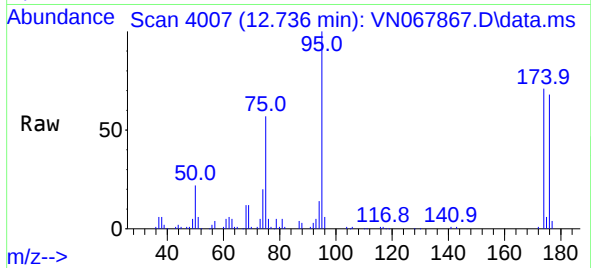
#60
4-Bromofluorobenzene
Concen: 25.597 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN067867.D
Acq: 22 Jul 2021 17:27

Tgt Ion: 95 Resp: 115791
Ion Ratio Lower Upper
95 100
174 71.8 57.1 85.7
176 67.8 54.6 81.8

Instrument :
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#63
Toluene-d8
Concen: 30.180 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.002 min
Lab File: VN067867.D
Acq: 22 Jul 2021 17:27

Tgt Ion: 98 Resp: 386664
Ion Ratio Lower Upper
98 100
100 63.7 51.0 76.4

