

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN102020\
 Data File : VN064205.D
 Acq On : 20 Oct 2020 19:04
 Operator : JC/MD
 Sample : L4457-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SUTTON-PR-2152

Manual Integrations
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 10/23/2020 2:29:00 PM

Quant Time: Oct 21 18:30:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 20 11:51:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	46847	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	280207	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	235352	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	128449	33.49	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery	=	111.63%	
60) 4-Bromofluorobenzene	12.38	95	121568	28.82	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery	=	96.07%	
63) Toluene-d8	10.06	98	322520	30.27	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery	=	100.90%	

Target Compounds

					Ovalue
15) Acetone	3.78	58	2639	8.609 ug/l	73
16) Carbon Disulfide	4.02	76	3764	0.492 ug/l #	92
22) cis-1,2-Dichloroethene	6.79	96	2696m	0.800 ug/l	
25) Chloroform	7.34	83	20681m	3.549 ug/l	
37) Trichloroethene	8.80	130	1335	0.374 ug/l	92
41) Bromodichloromethane	9.37	83	2348m	0.451 ug/l	
62) Toluene	10.12	91	4358	0.324 ug/l #	78

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

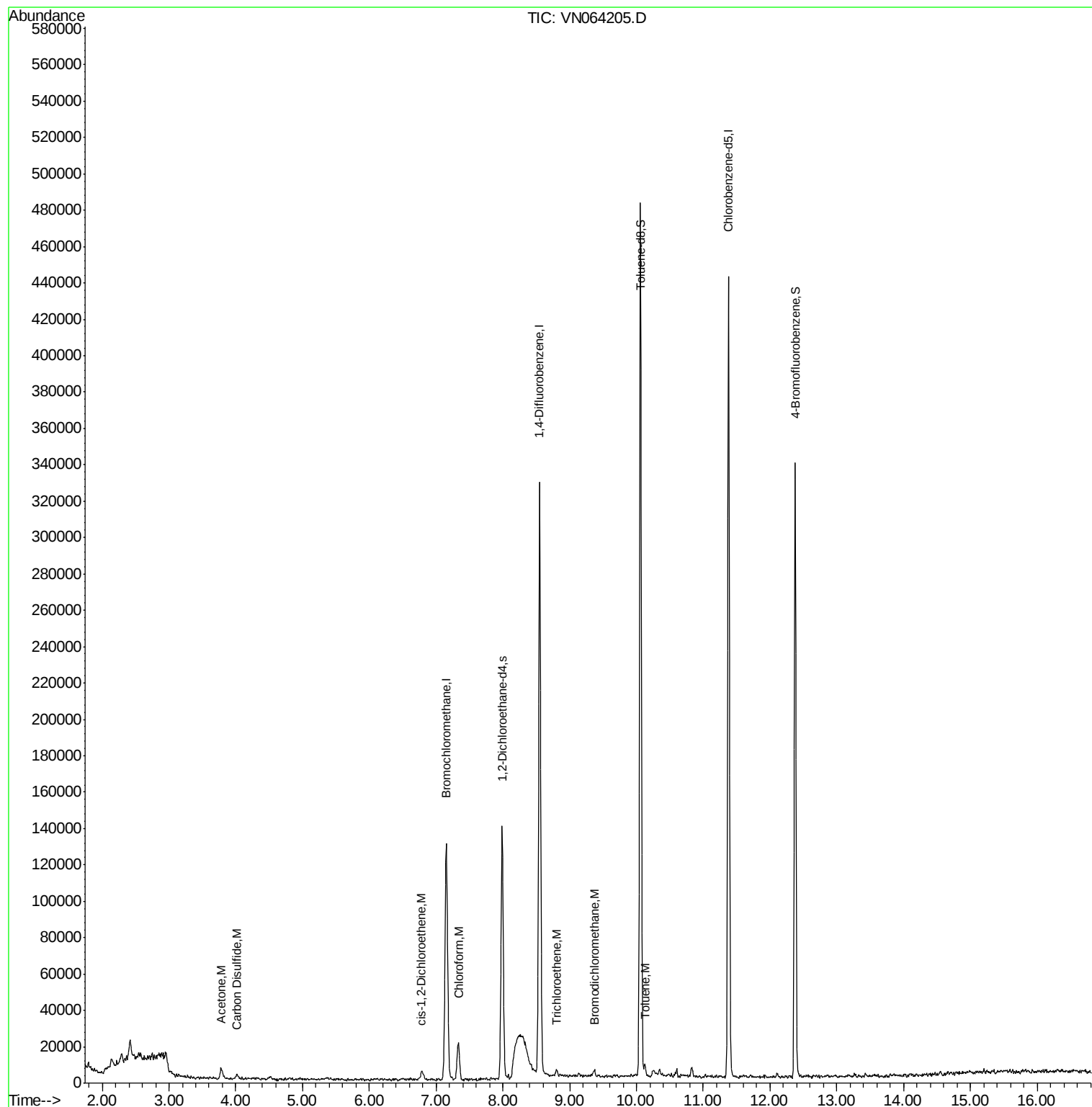
Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN102020\
Data File : VN064205.D
Acq On : 20 Oct 2020 19:04
Operator : JC/MD
Sample : L4457-02
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ALS Vial : 18 Sample Multiplier: 1

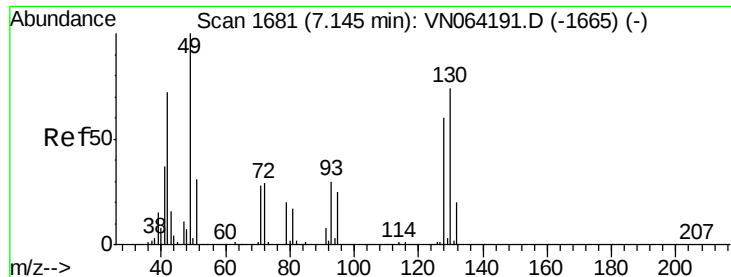
Instrument :
MSVOA_N
ClientSampleId :
SUTTON-PR-2152

Manual Integrations
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Quant Time: Oct 21 18:30:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Oct 20 11:51:57 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1684

Delta R.T. 0.01 min

Lab File: VN064205.D

Acq: 20 Oct 2020 19:04

Instrument :

MSVOA_N

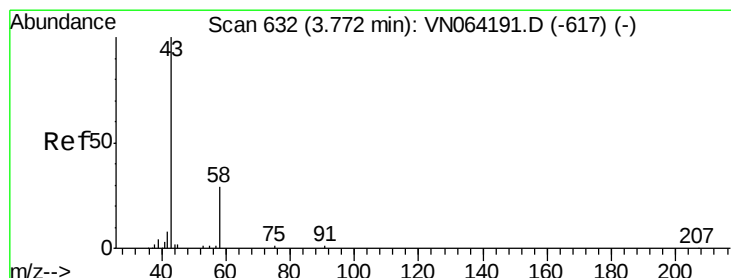
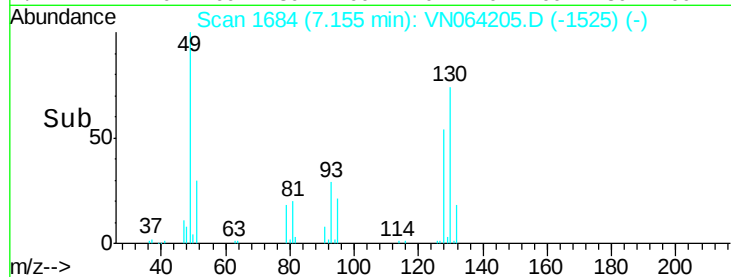
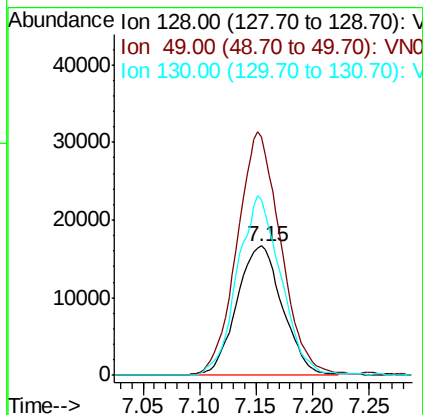
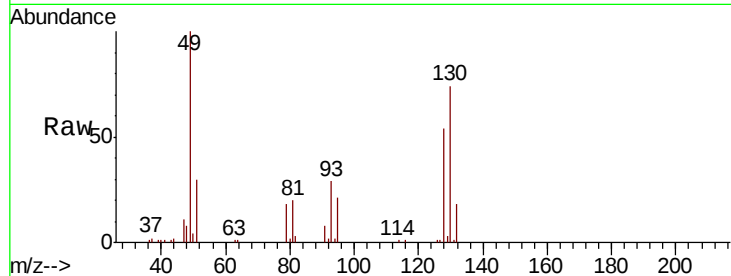
ClientSampleId :

SUTTON-PR-2152

Tot Ion:	128	Resp:	46847
Ion	Ratio	Lower	Upper
128	100		
49	179.5	0.0	433.3
130	131.8	0.0	322.5

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#15

Acetone

Concen: 8.609 ug/l

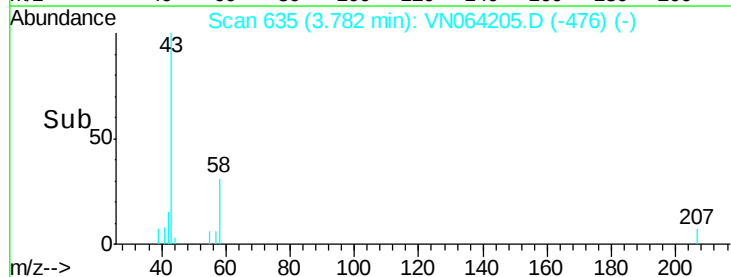
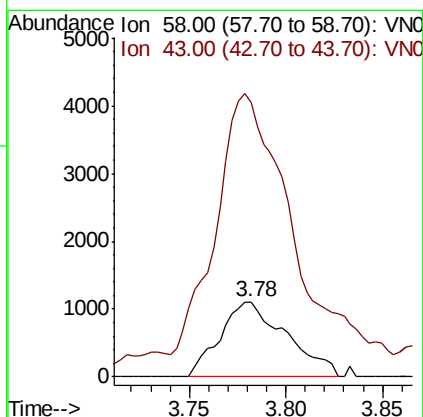
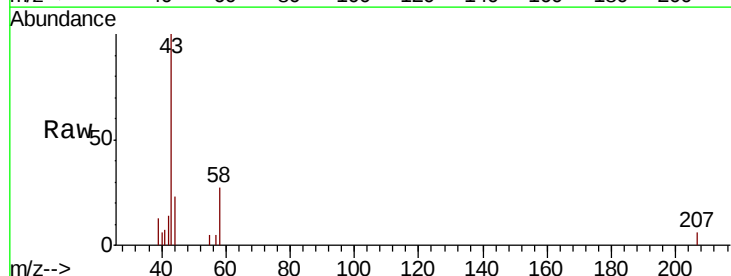
RT: 3.78 min Scan# 635

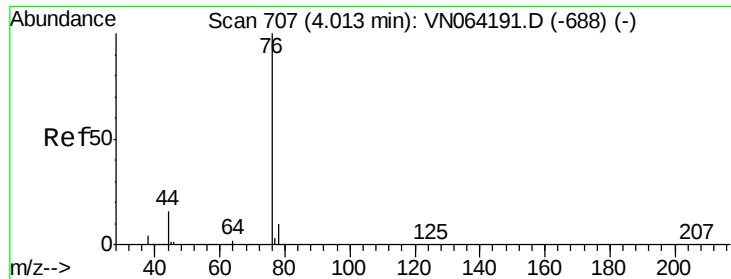
Delta R.T. 0.01 min

Lab File: VN064205.D

Acq: 20 Oct 2020 19:04

Tgt Ion:	58	Resp:	2639
Ion	Ratio	Lower	Upper
58	100		
43	282.3	272.1	408.1





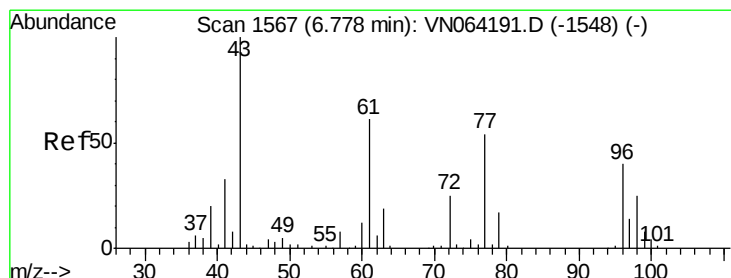
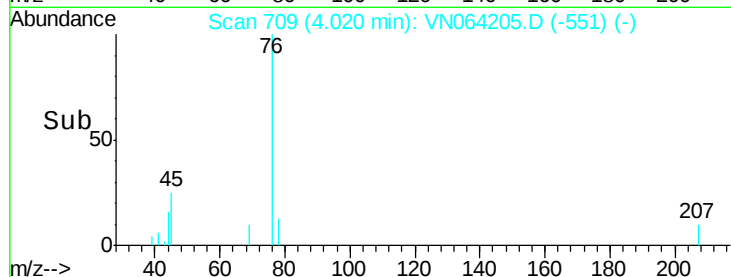
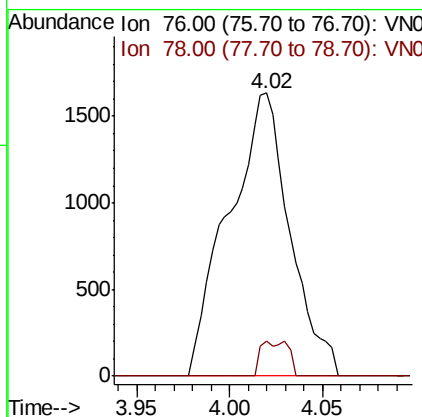
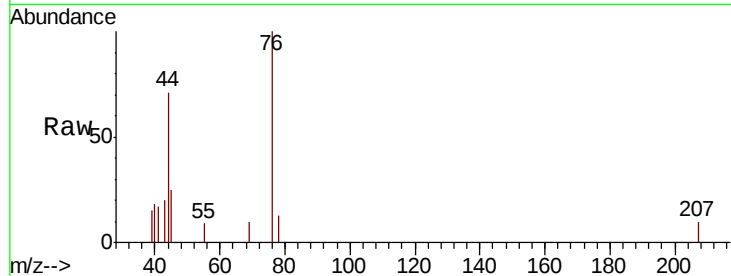
#16
Carbon Disulfide
Concen: 0.492 ug/l
RT: 4.02 min Scan# 709
Delta R.T. 0.01 min
Lab File: VN064205.D
Acq: 20 Oct 2020 19:04

Instrument :
MSVOA_N
ClientSampleId :
SUTTON-PR-2152

Tot Ion: 76 Resp: 3764
Ion Ratio Lower Upper
76 100
78 12.5 7.7 11.5#

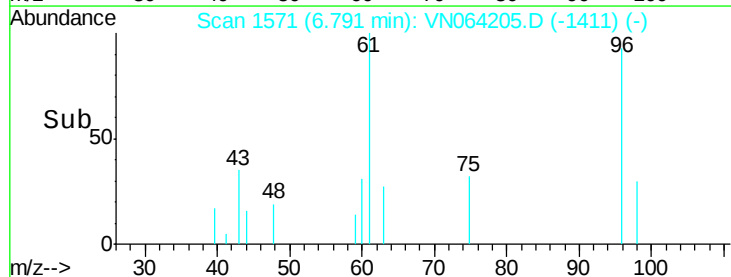
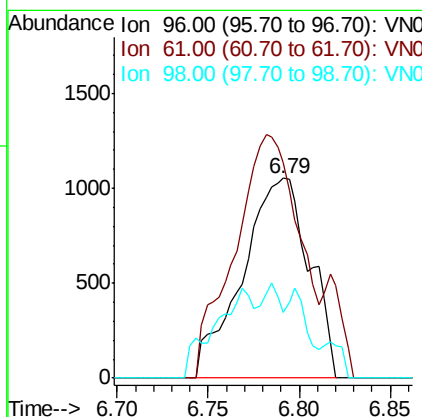
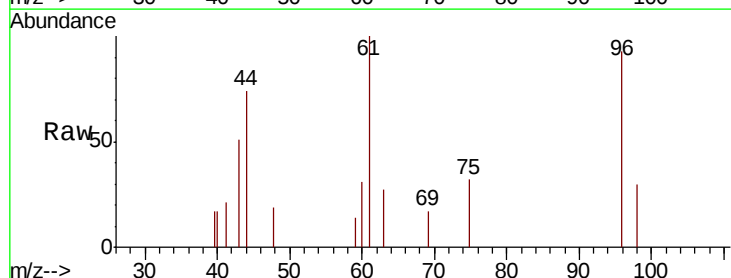
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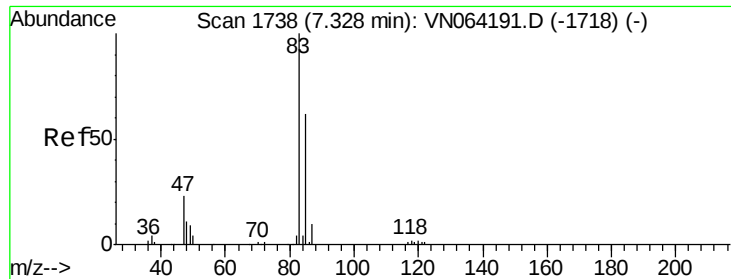
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#22
cis-1,2-Dichloroethene
Concen: 0.800 ug/l m
RT: 6.79 min Scan# 1571
Delta R.T. 0.01 min
Lab File: VN064205.D
Acq: 20 Oct 2020 19:04

Tgt Ion: 96 Resp: 2696
Ion Ratio Lower Upper
96 100
61 0.0 126.2 189.4#
98 13.2 50.2 75.4#





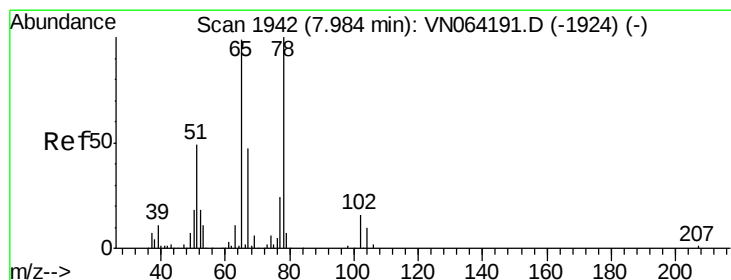
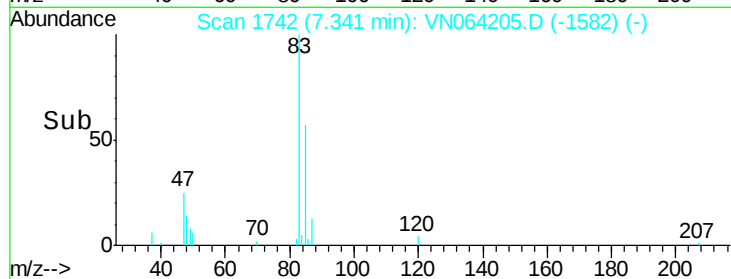
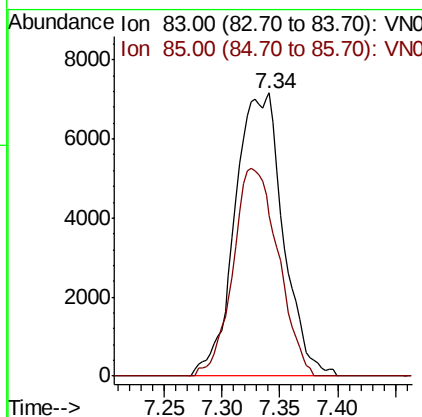
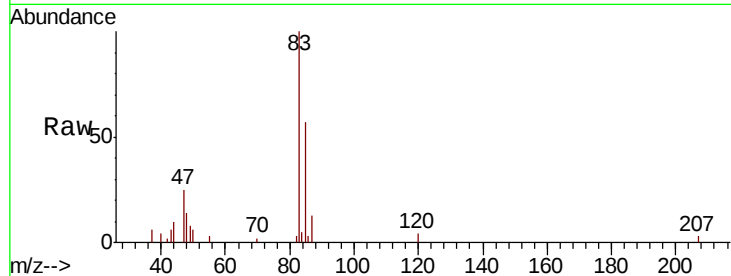
#25
Chloroform
Concen: 3.549 ug/l m
RT: 7.34 min Scan# 1742
Delta R.T. 0.01 min
Lab File: VN064205.D
Acq: 20 Oct 2020 19:04

Instrument :
MSVOA_N
ClientSampleId :
SUTTON-PR-2152

Tot Ion	83	Resp	20681
Ion Ratio	100	Lower	Upper
83	100		
85	56.7	49.7	74.5

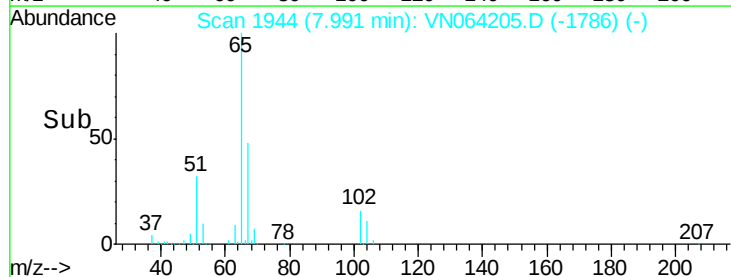
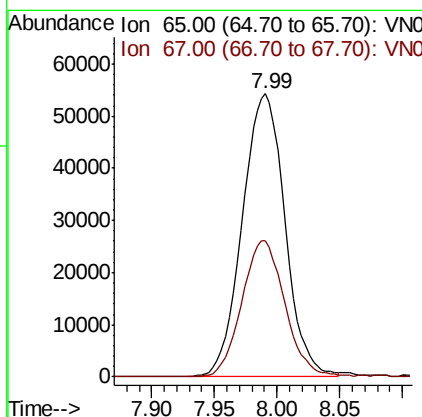
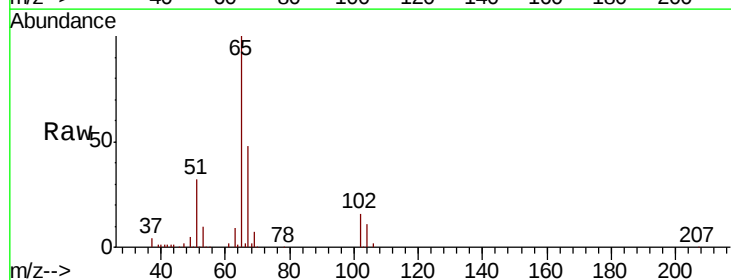
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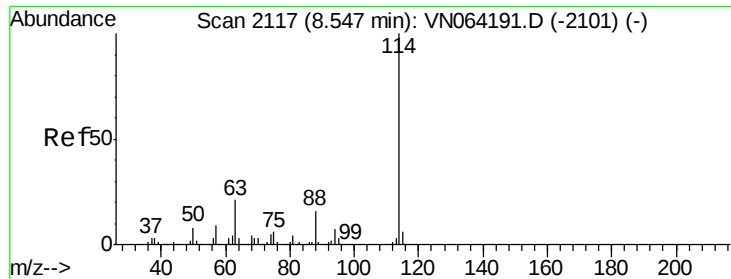
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#27
1,2-Dichloroethane-d4
Concen: 33.490 ug/l
RT: 7.99 min Scan# 1944
Delta R.T. 0.01 min
Lab File: VN064205.D
Acq: 20 Oct 2020 19:04

Tgt Ion	65	Resp	128449
Ion Ratio	100	Lower	Upper
65	100		
67	48.5	39.8	59.6





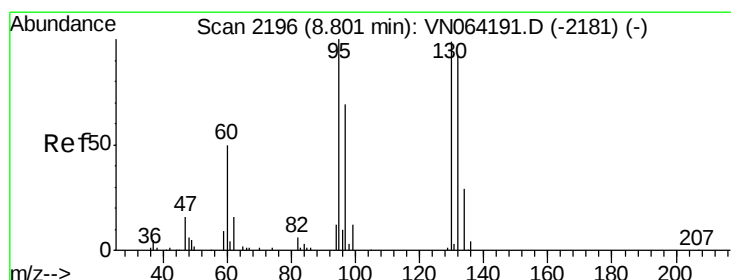
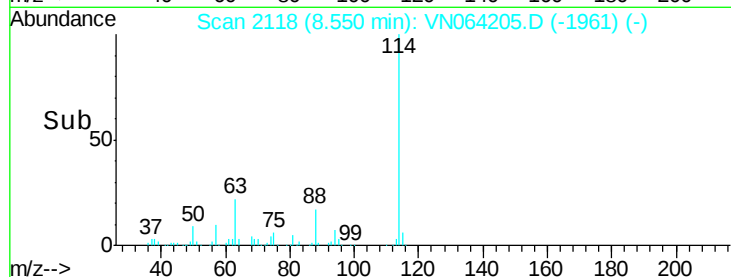
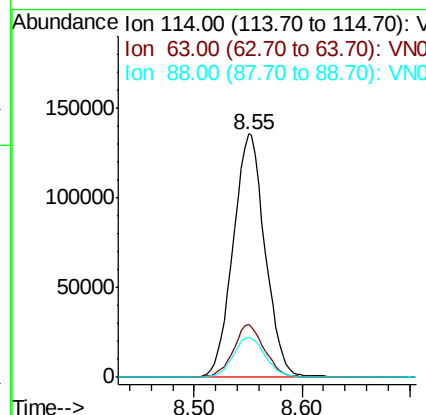
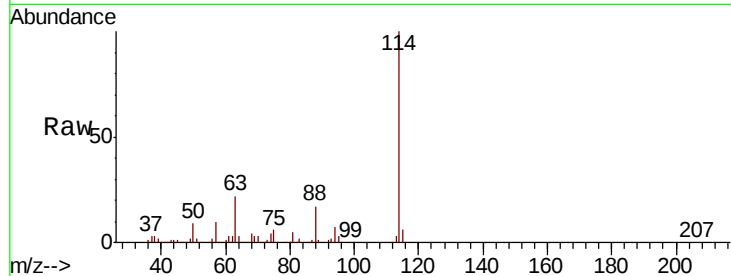
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN064205.D
 Acq: 20 Oct 2020 19:04

Instrument :
 MSVOA_N
 ClientSampleId :
 SUTTON-PR-2152

Tot Ion	Ratio	Resp	Lower	Upper
114	100	280207		
63	21.2		17.0	25.4
88	16.6		13.0	19.4

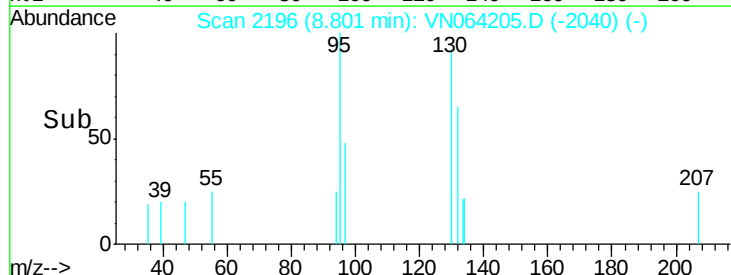
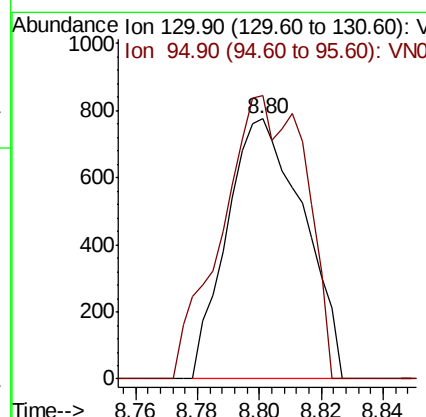
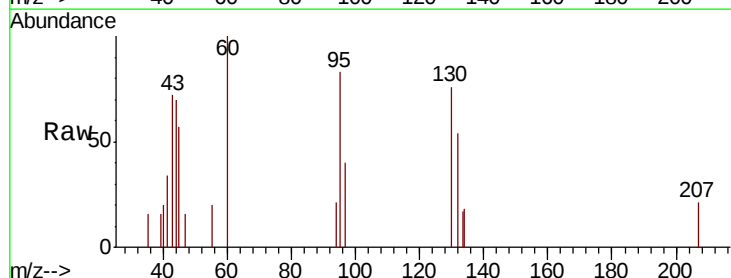
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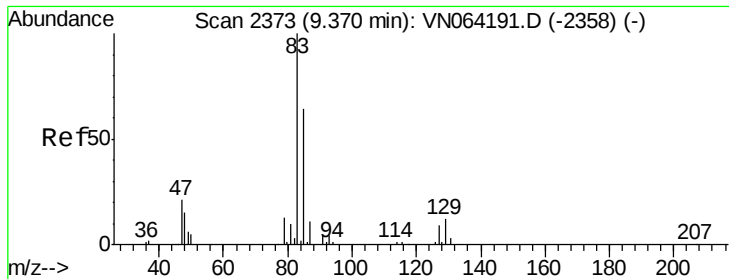
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#37
 Trichloroethene
 Concen: 0.374 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN064205.D
 Acq: 20 Oct 2020 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	1335		
95	108.8		81.0	121.4





#41

Bromodichloromethane

Concen: 0.451 ug/l m

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064205.D

Acq: 20 Oct 2020 19:04

Instrument :

MSVOA_N

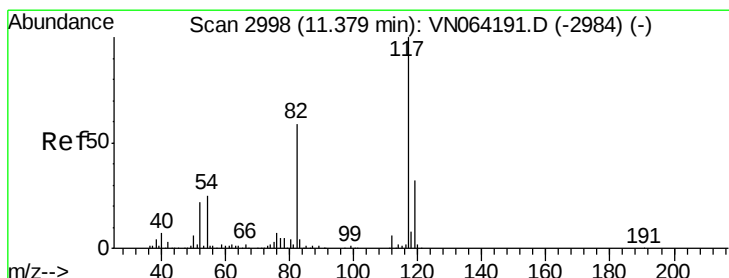
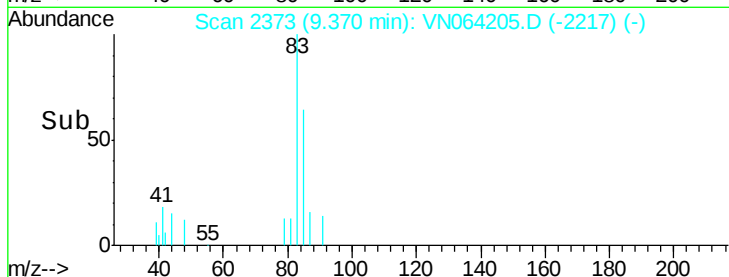
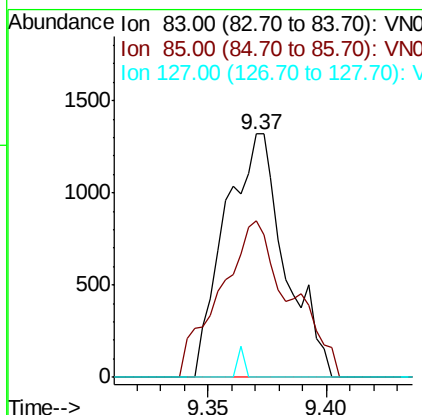
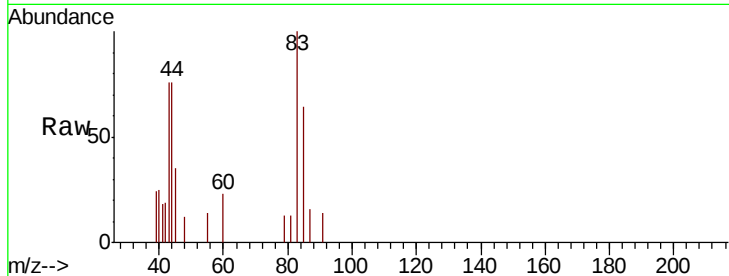
ClientSampleId :

SUTTON-PR-2152

Tot Ion:	83	Resp:	2348
Ion Ratio	Lower	Upper	
83	100		
85	64.4	51.5	77.3
127	0.0	6.8	10.2#

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#57

Chlorobenzene-d5

Concen: 30.000 ug/l

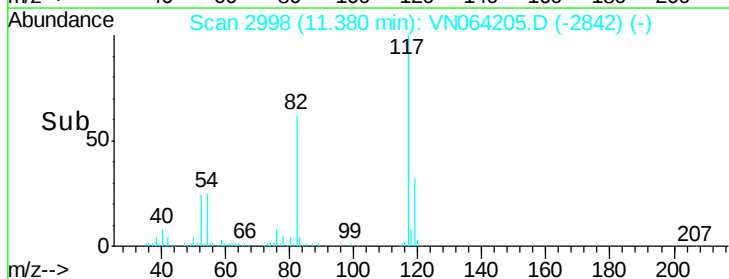
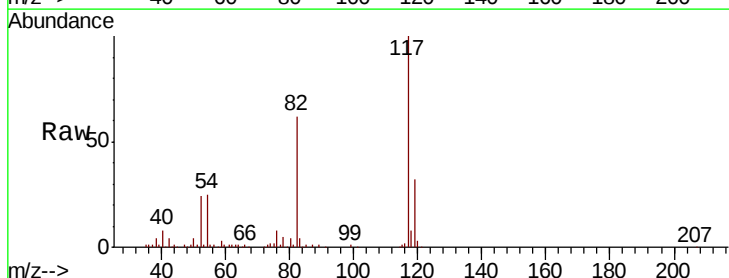
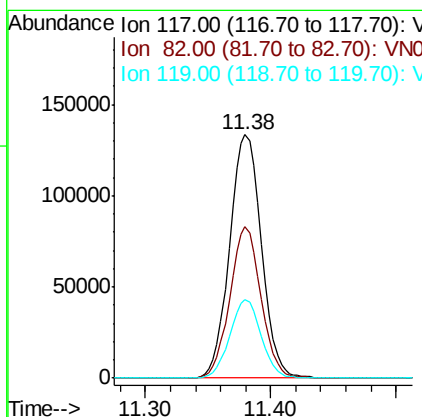
RT: 11.38 min Scan# 2998

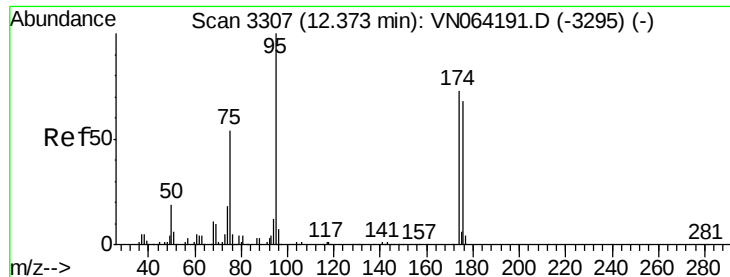
Delta R.T. 0.00 min

Lab File: VN064205.D

Acq: 20 Oct 2020 19:04

Tgt Ion:	117	Resp:	235352
Ion Ratio	Lower	Upper	
117	100		
82	60.5	47.8	71.8
119	31.7	25.7	38.5





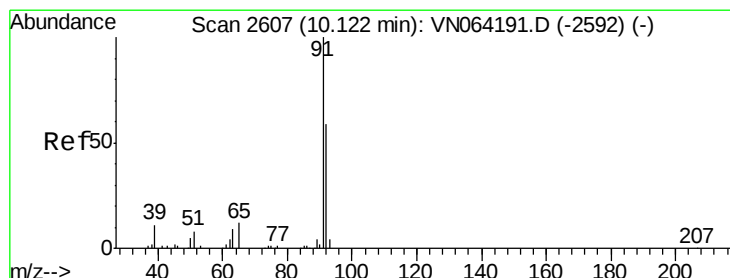
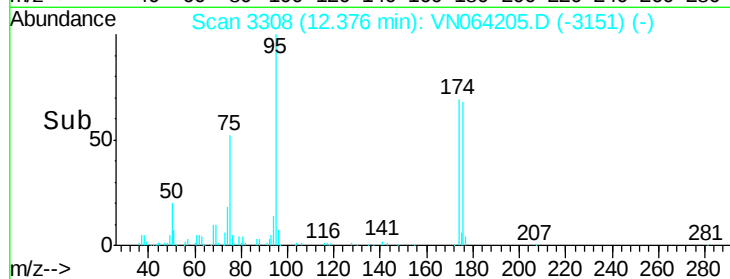
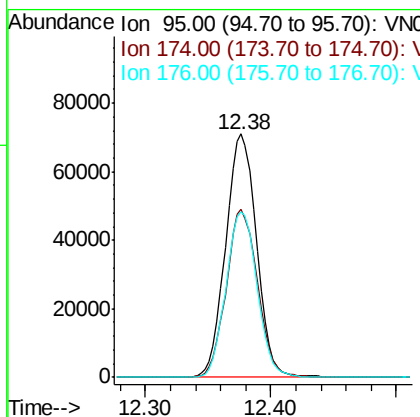
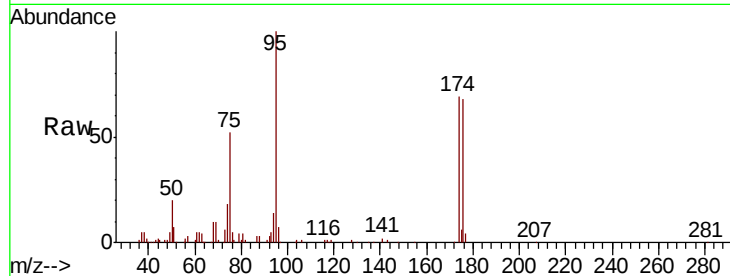
#60
4-Bromofluorobenzene
Concen: 28.824 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064205.D
Acq: 20 Oct 2020 19:04

Instrument :
MSVOA_N
ClientSampleId :
SUTTON-PR-2152

Tot Ion	Ratio	Lower	Upper
95	100		
174	70.0	57.6	86.4
176	68.4	54.9	82.3

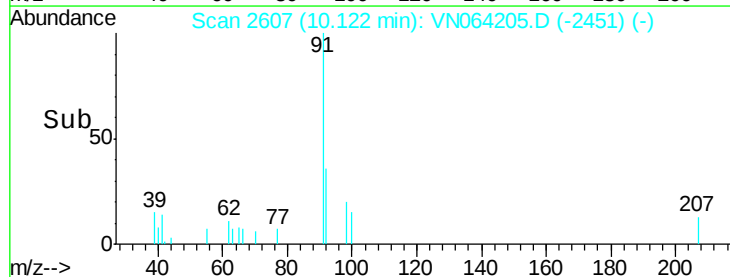
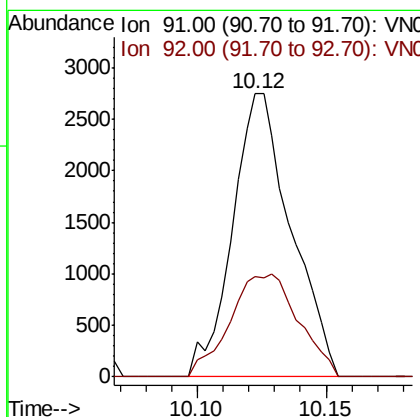
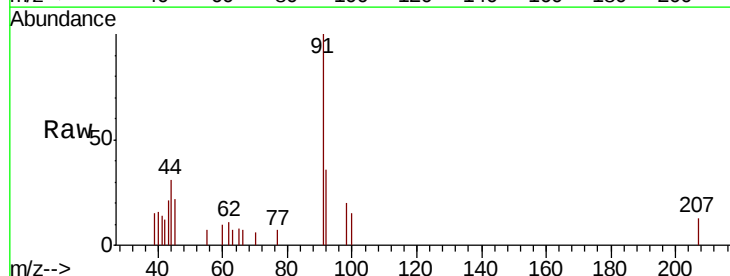
Manual Integrations
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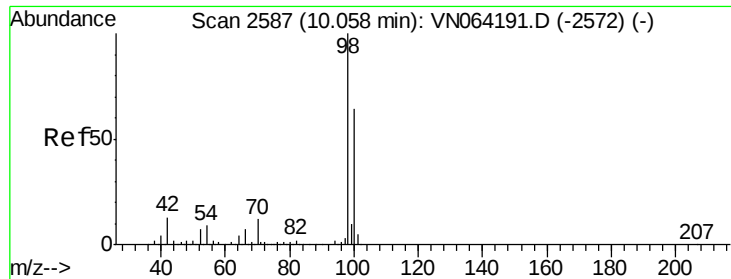
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#62
Toluene
Concen: 0.324 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN064205.D
Acq: 20 Oct 2020 19:04

Tgt Ion	Ratio	Lower	Upper
91	100		
92	42.4	46.8	70.2





#63
Toluene-d8
Concen: 30.269 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064205.D
Acq: 20 Oct 2020 19:04

Instrument :
MSVOA_N
ClientSampleId :
SUTTON-PR-2152

Tot Ion	Ion	Ratio	Lower	Upper
98	100			
100	64.4	51.4	77.2	

Manual Integrations
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