

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101520\
 Data File : VX018952.D
 Acq On : 15 Oct 2020 22:54
 Operator : JC/SP
 Sample : L4386-04 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 14B-4

Manual Integrations
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Quant Time: Oct 16 05:18:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X101520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 15 15:32:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.99	128	45505	30.00	ug/l	0.01
28) 1,4-Difluorobenzene	6.83	114	256190	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	233234	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	96217	33.15	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery	=	110.50%	
60) 4-Bromofluorobenzene	11.12	95	105043	28.93	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery	=	96.43%	
63) Toluene-d8	8.70	98	310371	30.46	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery	=	101.53%	

Target Compounds

					Ovalue
15) Acetone	2.42	58	1133m	2.708 ug/l	
18) Methylene Chloride	2.83	84	2053	0.748 ug/l	91
25) Chloroform	5.18	83	325914	68.480 ug/l	97
41) Bromodichloromethane	7.88	83	32703	8.124 ug/l	98
53) Dibromochloromethane	9.56	129	2056	0.609 ug/l	98

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

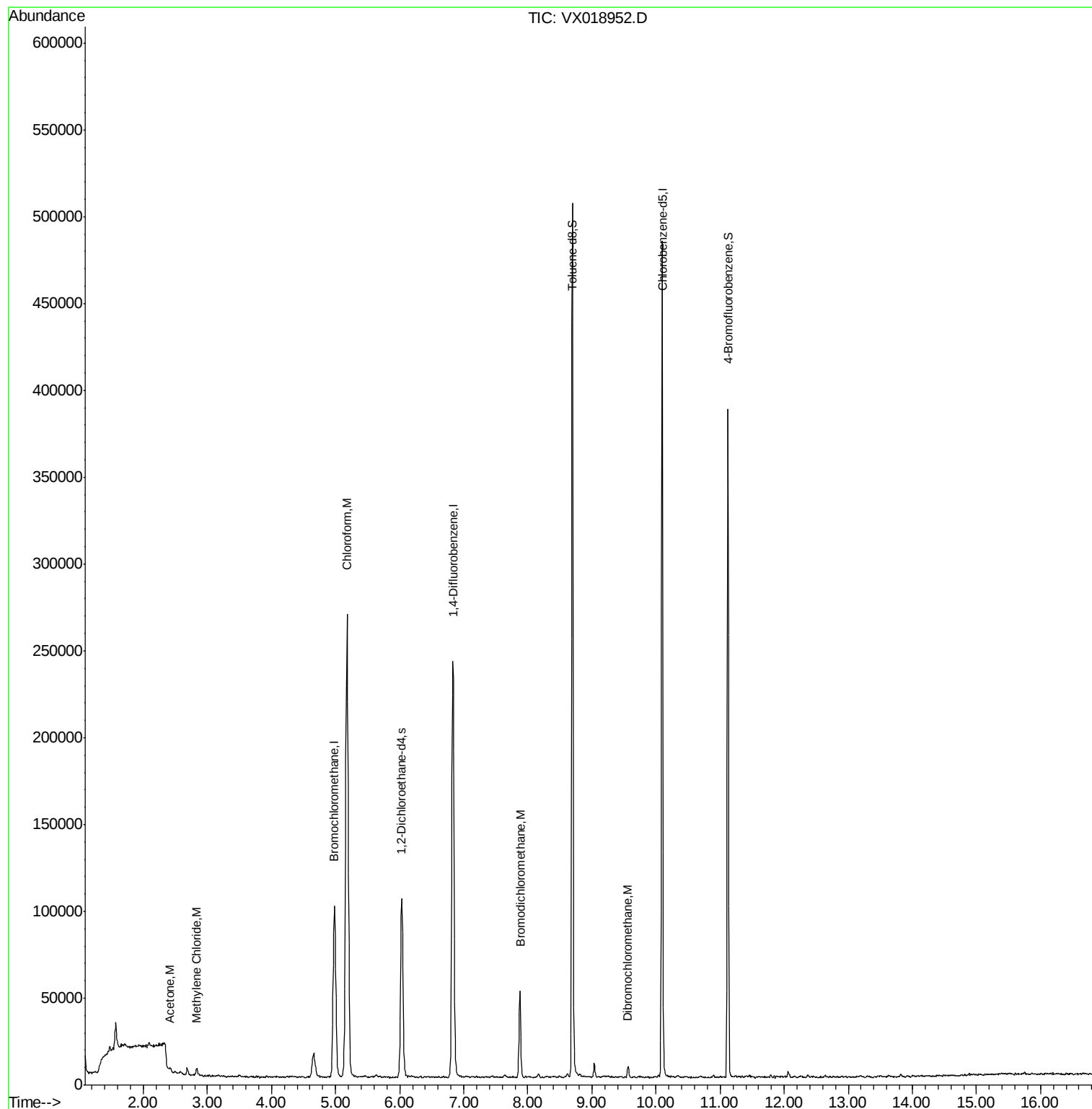
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Data File : VX018952.D
Acq On : 15 Oct 2020 22:54
Operator : JC/SP
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ALS Vial : 23 Sample Multiplier: 1

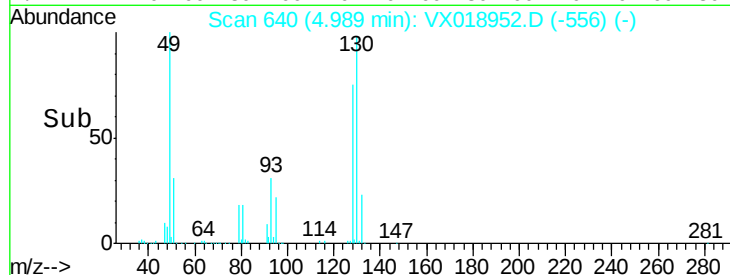
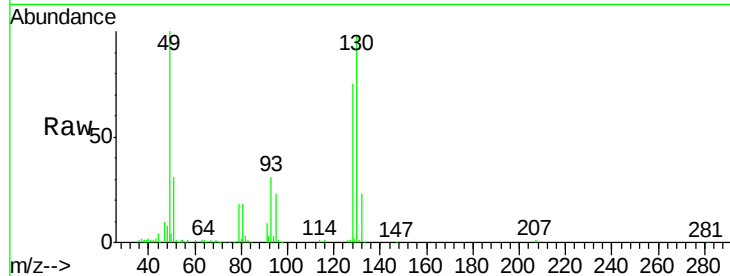
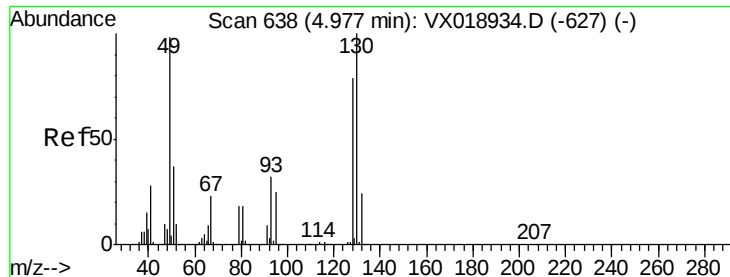
Instrument :
MSVOA_X
ClientSampleId :
14B-4

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Quant Time: Oct 16 05:18:05 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X101520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Response via : Initial Calibration





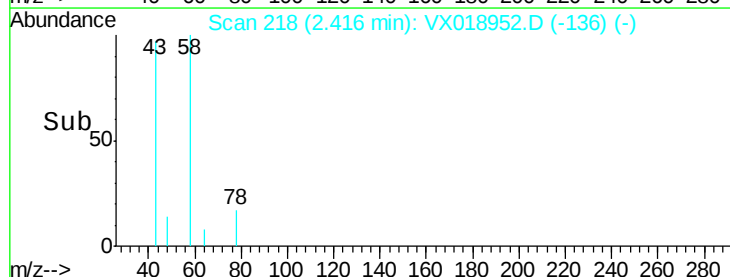
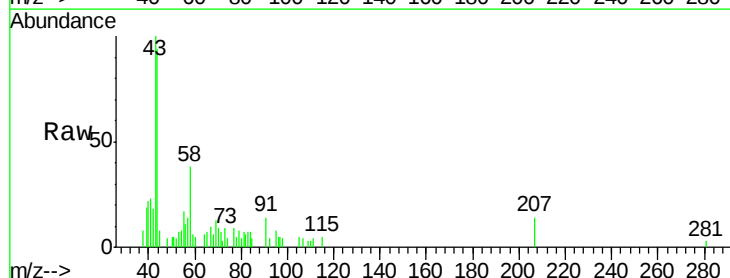
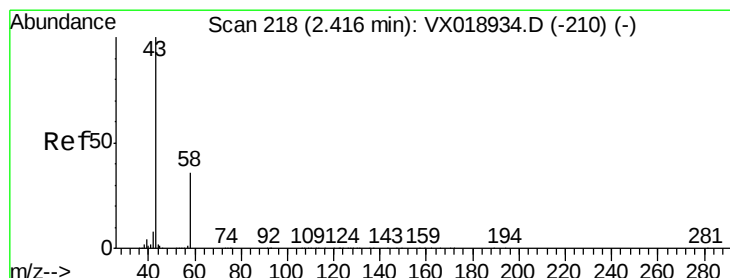
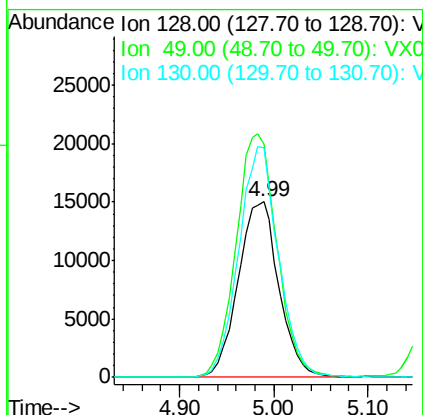
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.99 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX018952.D
Acq: 15 Oct 2020 22:54

Tot Ion	Ratio	Lower	Upper
128	100		
49	139.4	0.0	330.5
130	128.2	0.0	323.8

Instrument :
MSVOA_X
ClientSampled :
14B-4

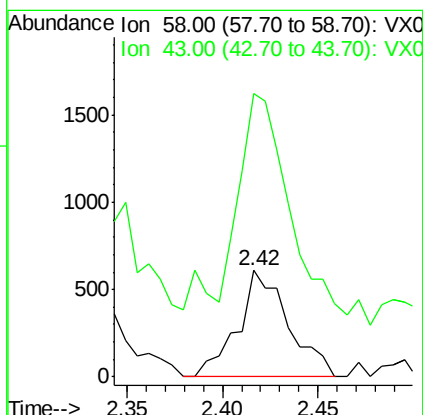
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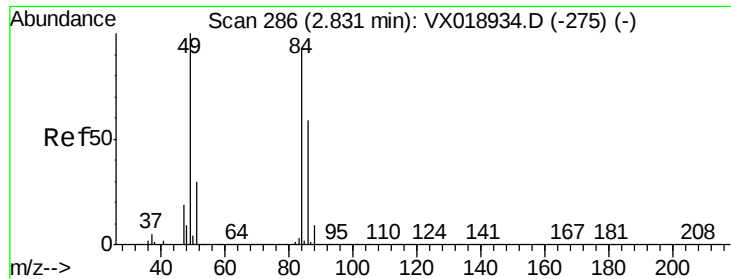
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#15
Acetone
Concen: 2.708 ug/l m
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX018952.D
Acq: 15 Oct 2020 22:54

Tgt Ion	Ratio	Lower	Upper
58	100		
43	266.6	223.8	335.8





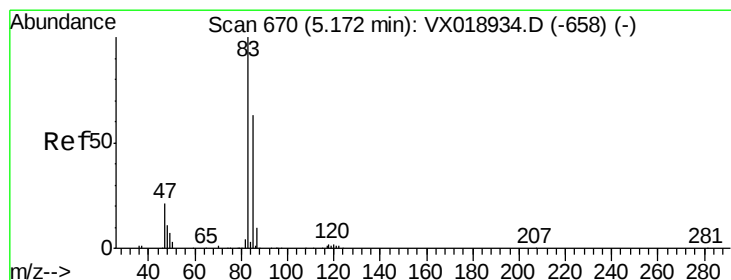
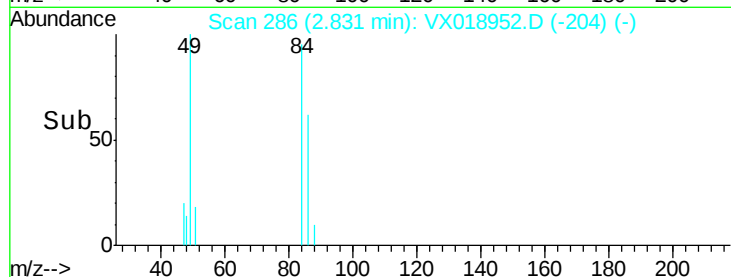
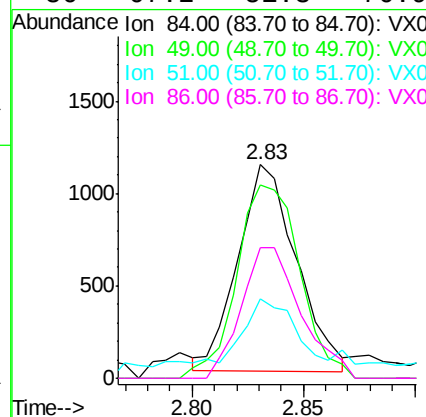
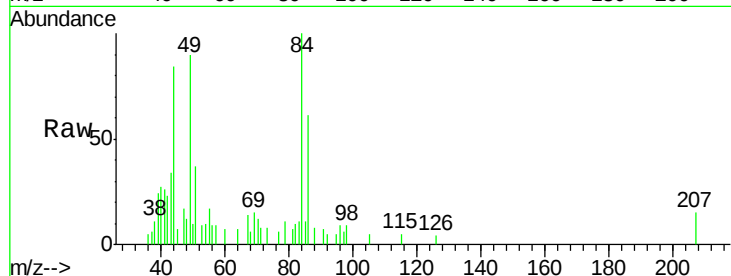
#18
Methvlene Chloride
Concen: 0.748 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018952.D
Acq: 15 Oct 2020 22:54

Instrument :
MSVOA_X
ClientSampleId :
14B-4

Tot Ion	84	Resp	2053
Ion	Ratio	Lower	Upper
84	100		
49	94.4	87.2	130.8
51	33.5	25.9	38.9
86	67.2	51.3	76.9

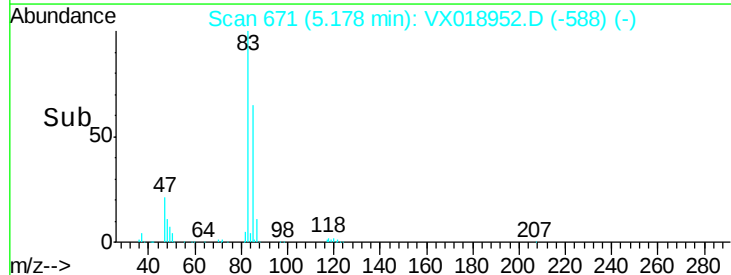
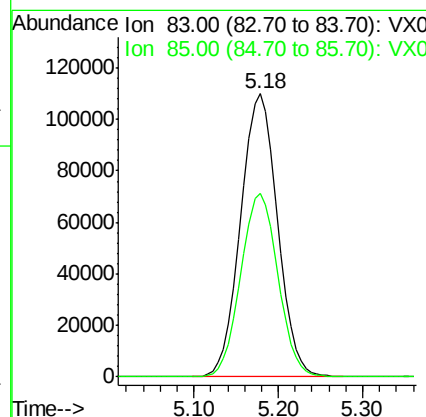
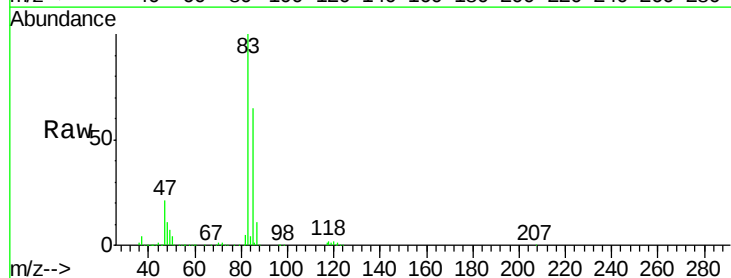
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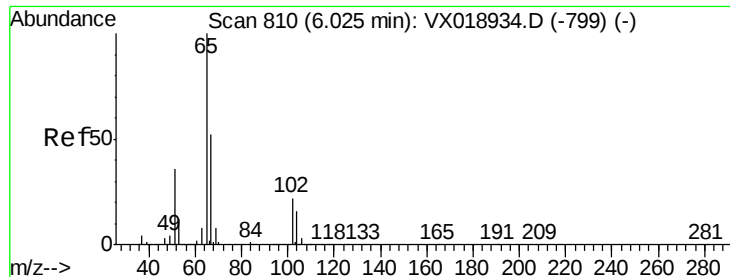
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#25
Chloroform
Concen: 68.480 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
Lab File: VX018952.D
Acq: 15 Oct 2020 22:54

Tgt Ion	83	Resp	325914
Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.3	75.5





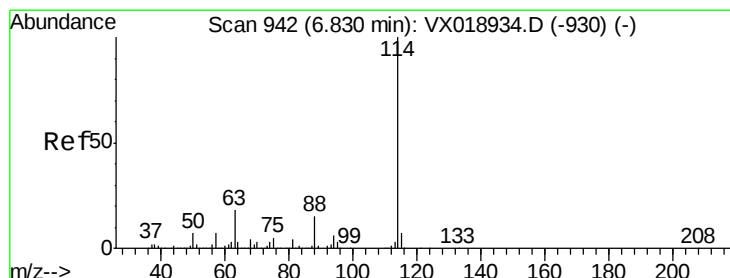
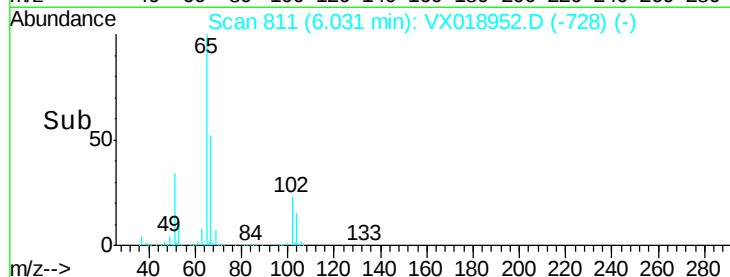
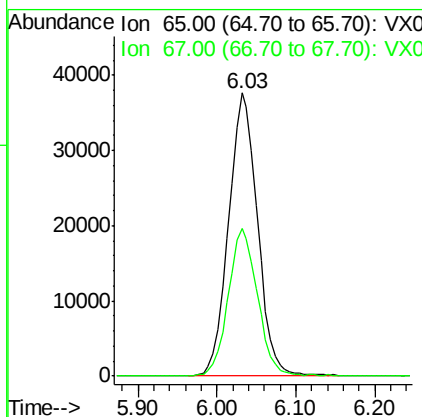
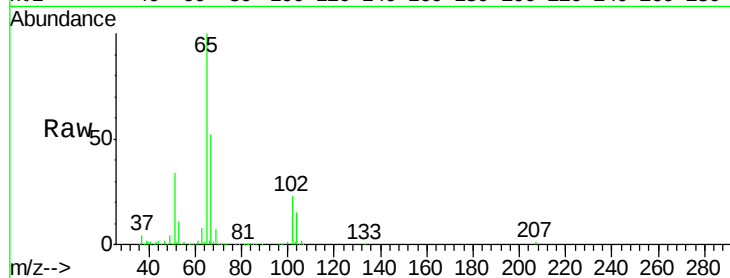
#27
 1,2-Dichloroethane-d4
 Concen: 33.146 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: VX018952.D
 Acq: 15 Oct 2020 22:54

Instrument :
 MSVOA_X
 ClientSampleId :
 14B-4

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.2	42.1	63.1

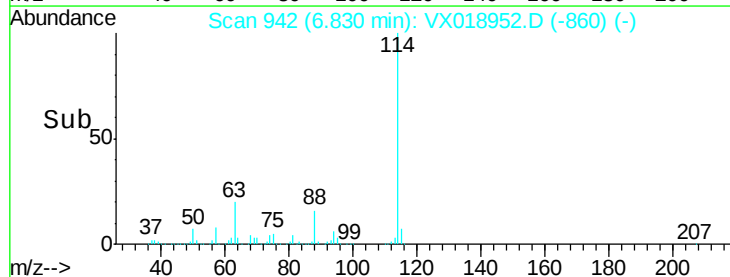
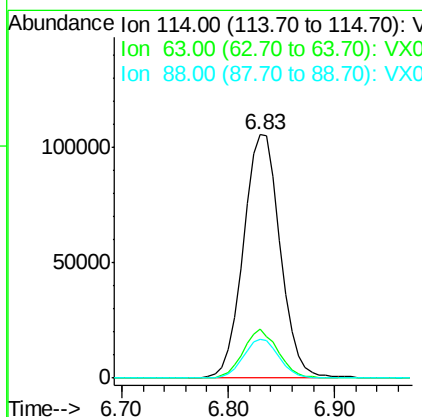
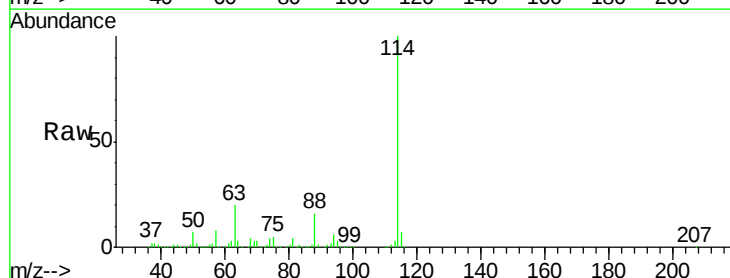
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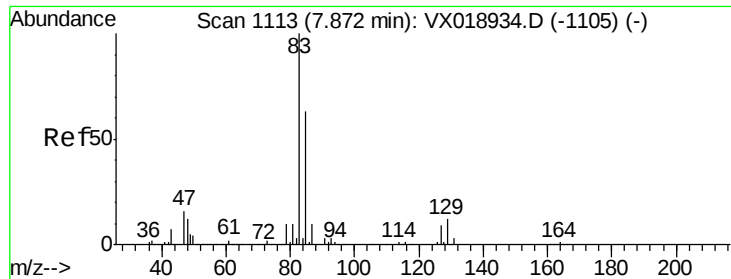
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX018952.D
 Acq: 15 Oct 2020 22:54

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.0	14.6	21.8
88	15.7	12.3	18.5





#41

Bromodichloromethane

Concen: 8.124 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX018952.D

Acq: 15 Oct 2020 22:54

Instrument :

MSVOA_X

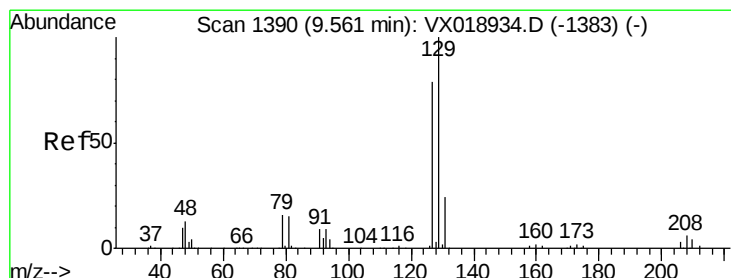
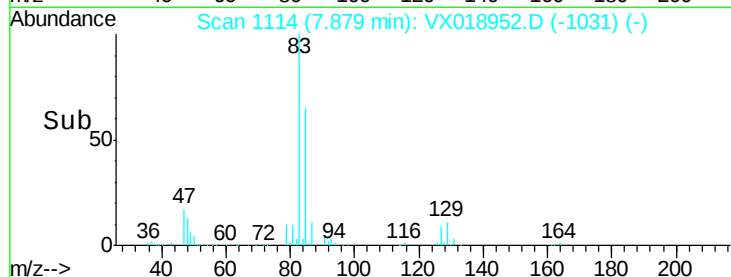
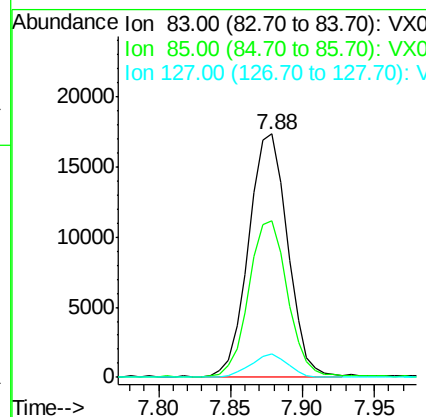
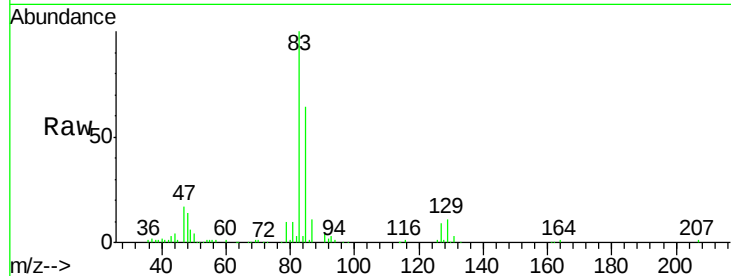
ClientSampled :

14B-4

Tot Ion:	83	Resp:	32703
Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.4	75.6
127	9.4	7.5	11.3

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#53

Dibromochloromethane

Concen: 0.609 ug/l

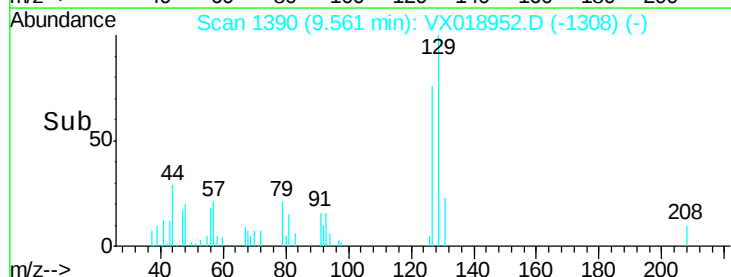
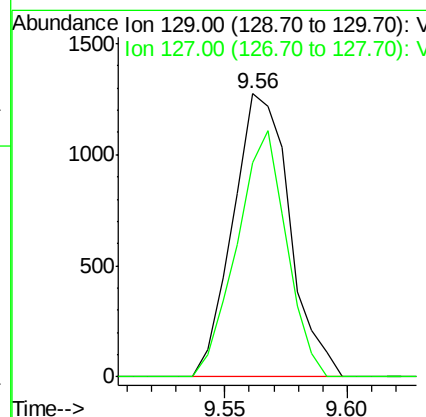
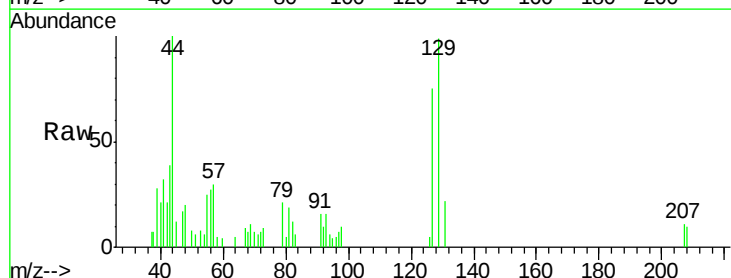
RT: 9.56 min Scan# 1390

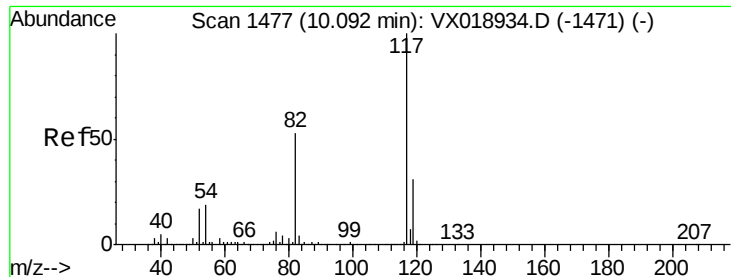
Delta R.T. 0.00 min

Lab File: VX018952.D

Acq: 15 Oct 2020 22:54

Tgt Ion:	129	Resp:	2056
Ion	Ratio	Lower	Upper
129	100		
127	76.0	38.7	116.1





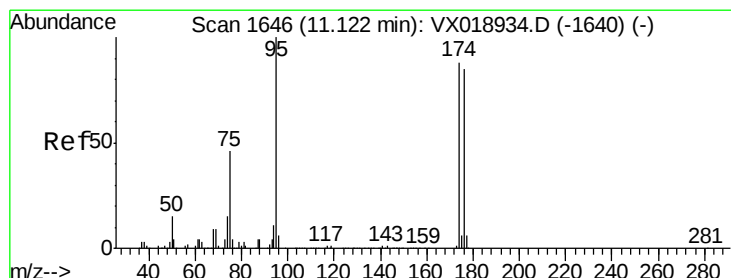
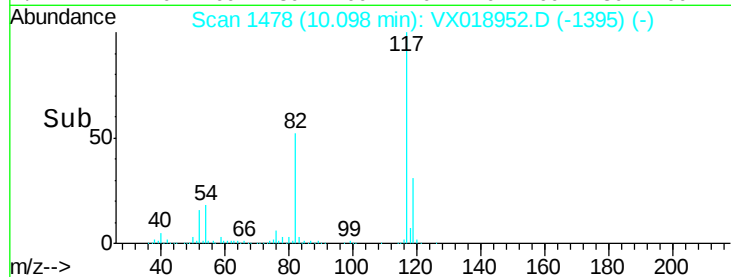
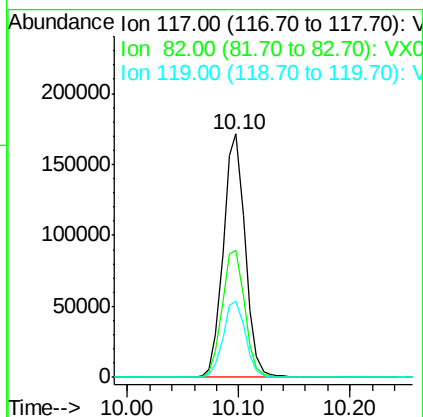
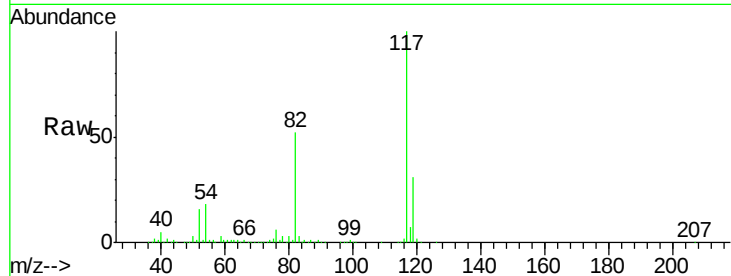
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX018952.D
Acq: 15 Oct 2020 22:54

Instrument :
MSVOA_X
ClientSampled :
14B-4

Tot Ion	Ratio	Resp	Lower	Upper
117	100	233234		
82	54.1	41.6	62.4	
119	31.9	25.7	38.5	

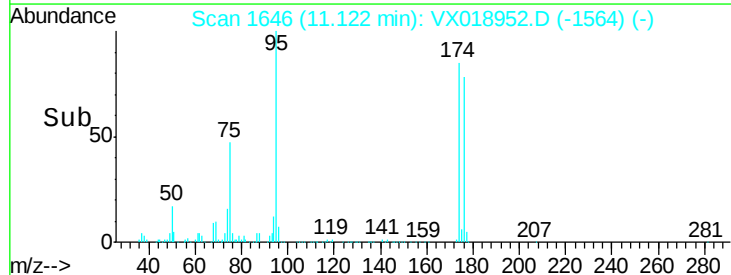
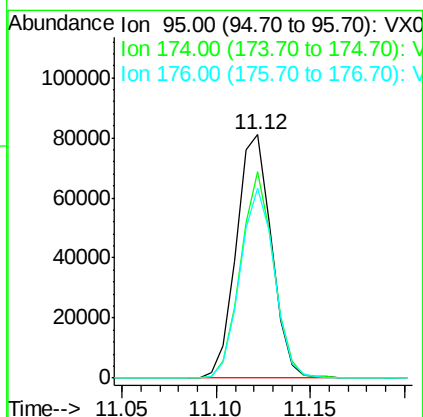
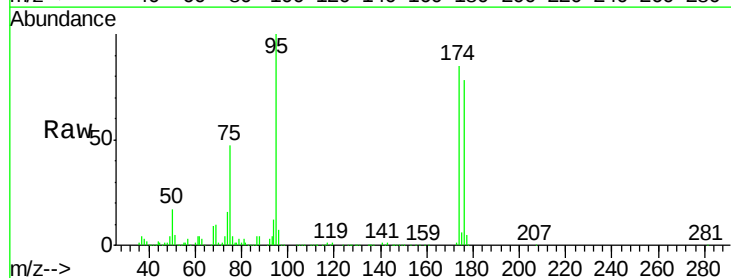
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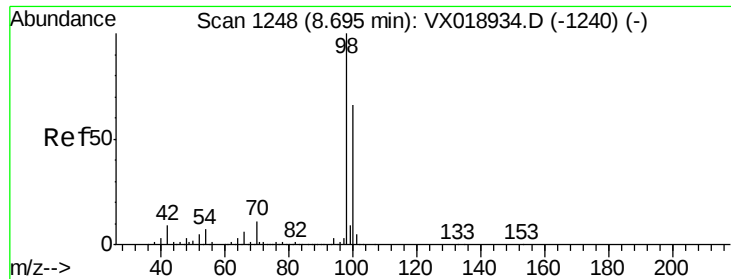
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#60
4-Bromofluorobenzene
Concen: 28.928 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018952.D
Acq: 15 Oct 2020 22:54

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	105043		
174	79.7	67.0	100.4	
176	76.1	64.5	96.7	





#63
Toluene-d8
Concen: 30.462 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018952.D
Acq: 15 Oct 2020 22:54

Instrument :
MSVOA_X
ClientSampleId :
14B-4

Tot Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.2	79.8

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