

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101520\
 Data File : VX018951.D
 Acq On : 15 Oct 2020 22:31
 Operator : JC/SP
 Sample : L4386-03 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 14B-3

Manual Integrations
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Quant Time: Oct 16 05:16:13 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	4.98	128	43859	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	246162	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	212363	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	91795	32.81	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery	=	109.37%	
60) 4-Bromofluorobenzene	11.12	95	97431	29.47	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery	=	98.23%	
63) Toluene-d8	8.70	98	291279	31.40	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery	=	104.67%	

Target Compounds

					Ovalue
15) Acetone	2.42	58	1242m	3.080	ug/l
18) Methylene Chloride	2.83	84	2401	0.907	ug/l
25) Chloroform	5.18	83	342101	74.579	ug/l
41) Bromodichloromethane	7.88	83	32933	8.514	ug/l
53) Dibromochloromethane	9.57	129	2171	0.669	ug/l

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

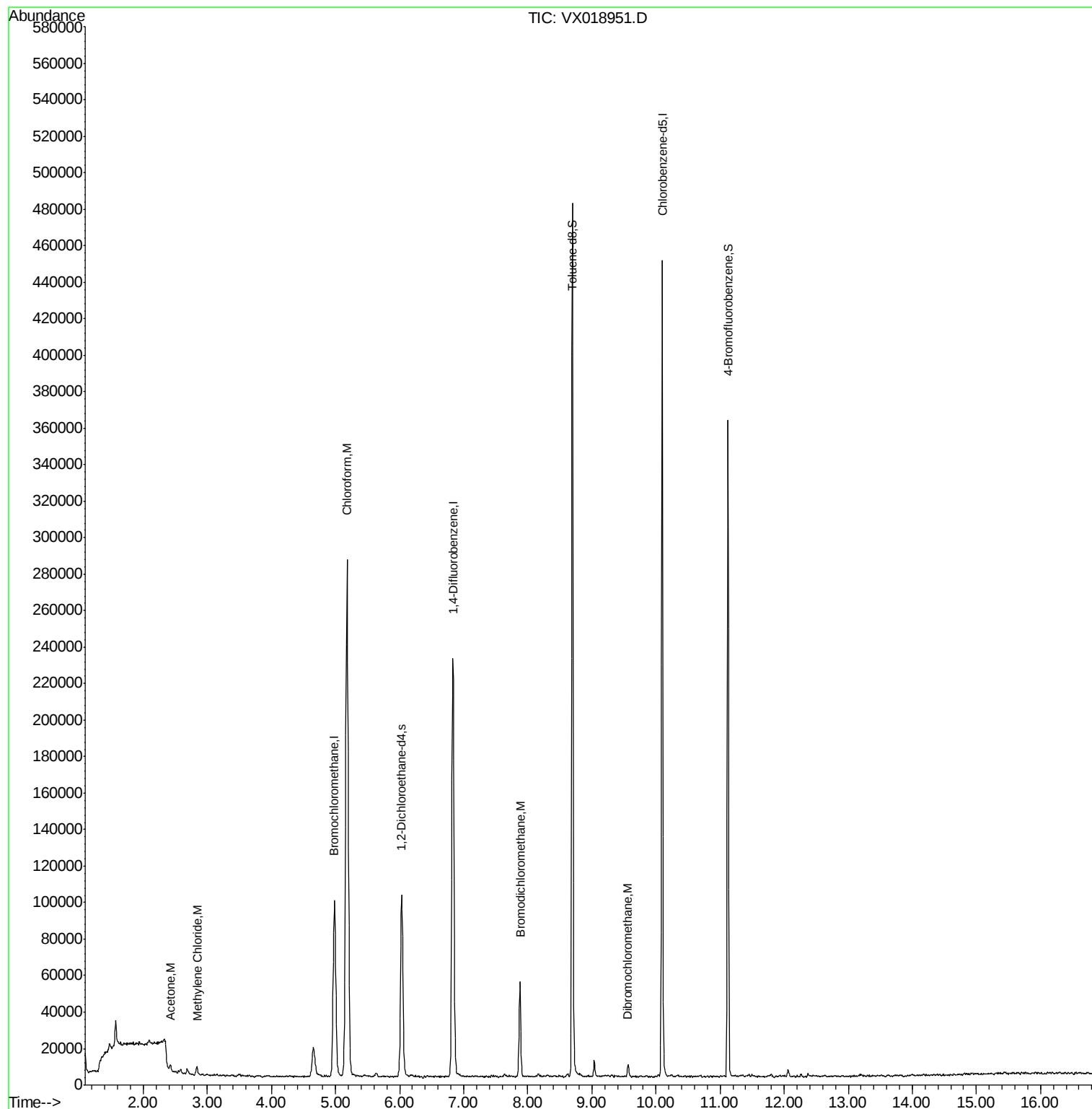
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Data File : VX018951.D
Acq On : 15 Oct 2020 22:31
Operator : JC/SP
Sample : L4386-03 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

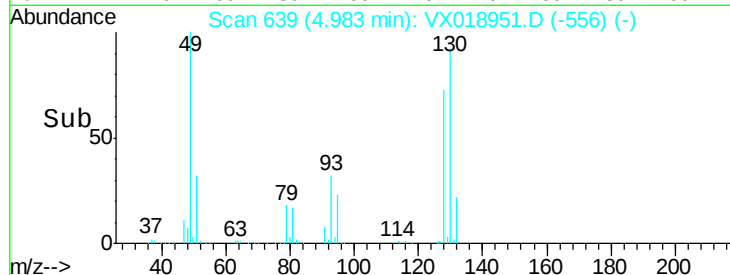
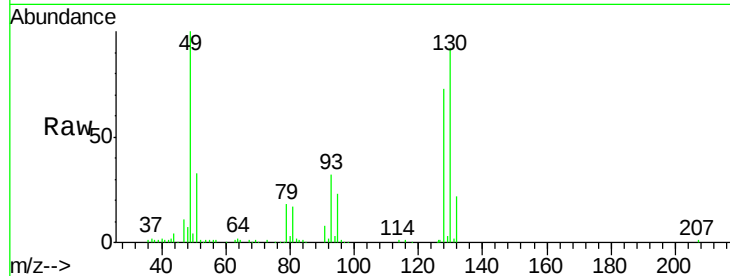
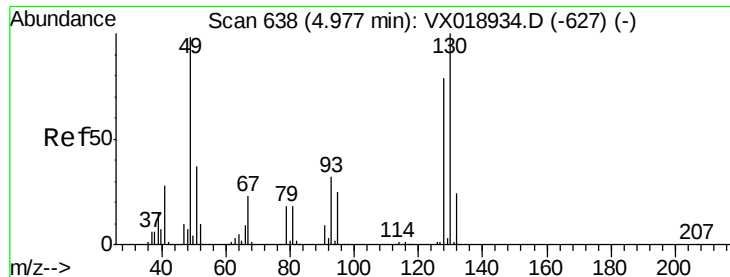
Instrument :
MSVOA_X
ClientSampled :
14B-3

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Quant Time: Oct 16 05:16:13 2020
Quant Method : Z:\V0ASRV\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





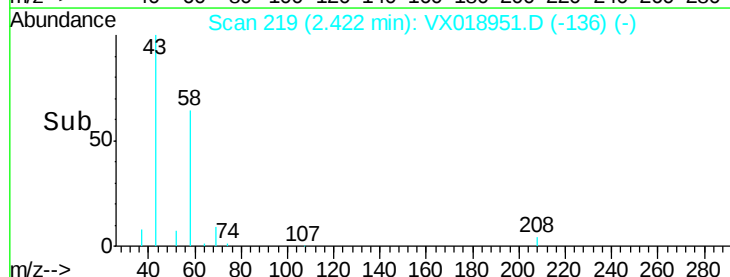
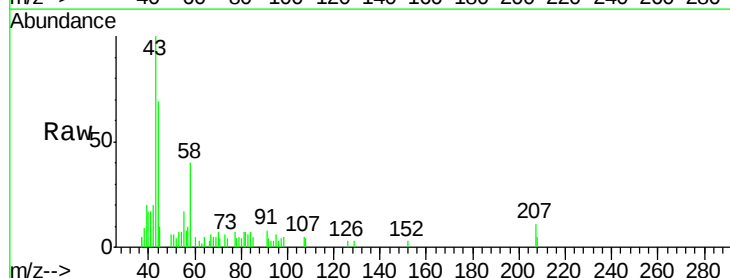
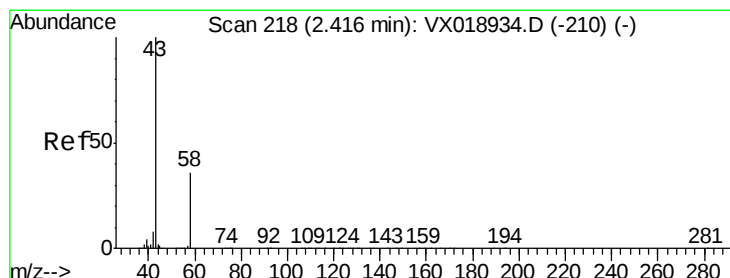
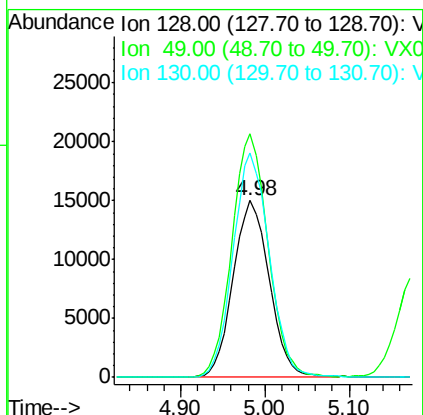
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Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX018951.D
Acq: 15 Oct 2020 22:31

Tot Ion	Ratio	Lower	Upper
128	100		
49	137.5	0.0	330.5
130	126.3	0.0	323.8

Instrument :
MSVOA_X
ClientSampled :
14B-3

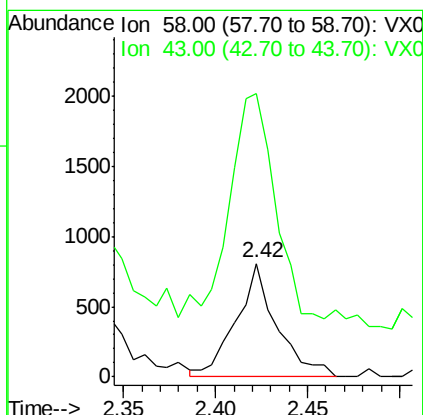
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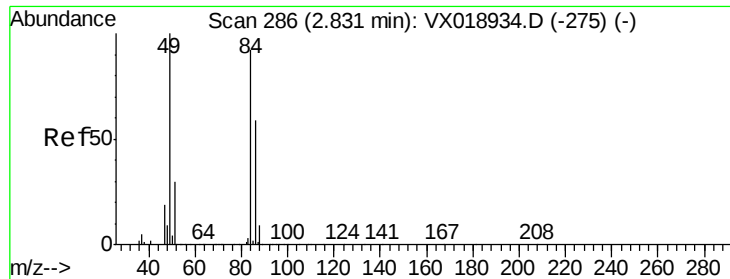
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#15
Acetone
Concen: 3.080 ug/l m
RT: 2.42 min Scan# 219
Delta R.T. 0.01 min
Lab File: VX018951.D
Acq: 15 Oct 2020 22:31

Tgt Ion	Ratio	Lower	Upper
58	100		
43	249.6	223.8	335.8





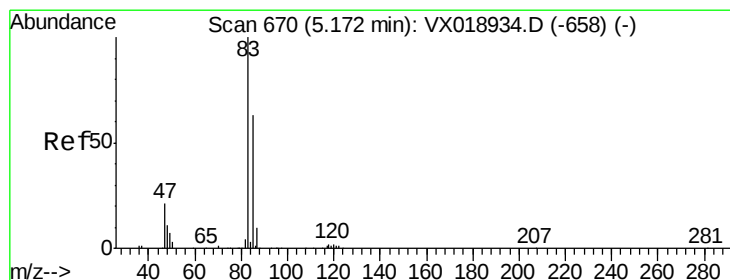
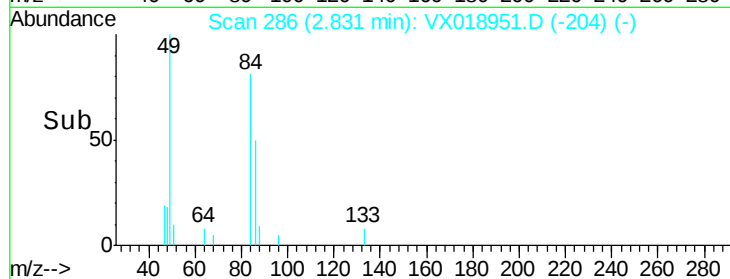
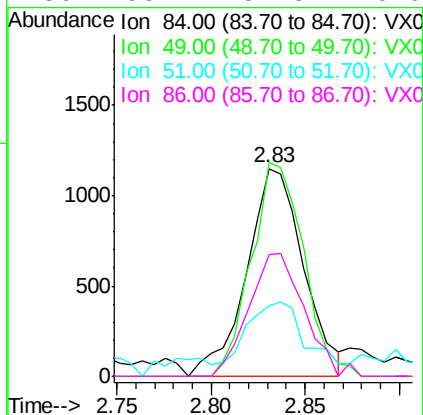
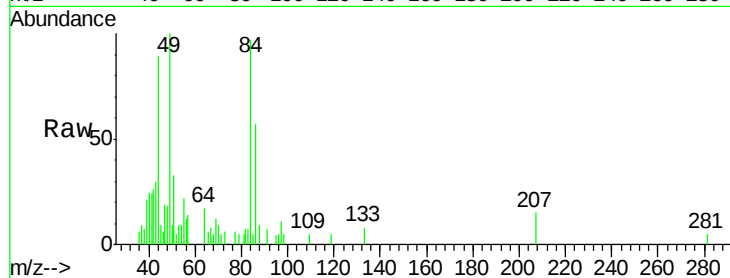
#18
Methvlene Chloride
Concen: 0.907 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018951.D
Acq: 15 Oct 2020 22:31

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion	84	Resp	2401
Ion	Ratio	Lower	Upper
84	100		
49	102.9	87.2	130.8
51	27.9	25.9	38.9
86	58.7	51.3	76.9

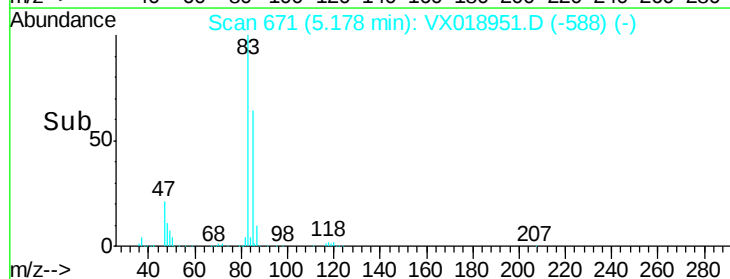
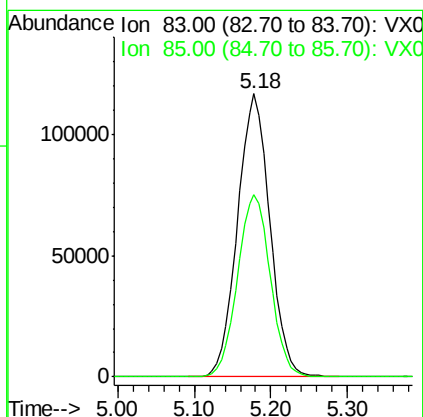
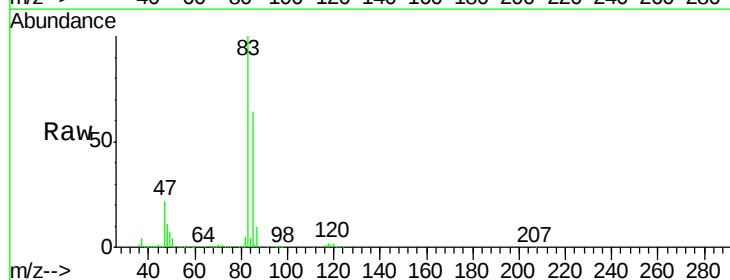
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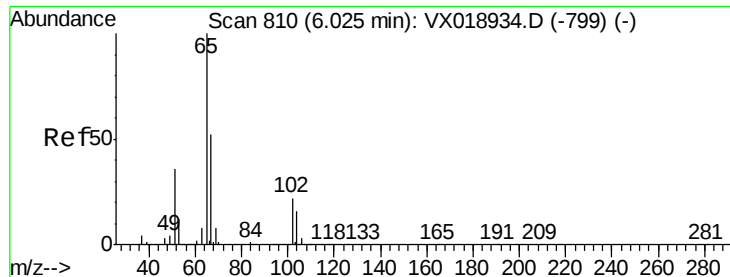
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#25
Chloroform
Concen: 74.579 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
Lab File: VX018951.D
Acq: 15 Oct 2020 22:31

Tgt Ion	83	Resp	342101
Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.3	75.5





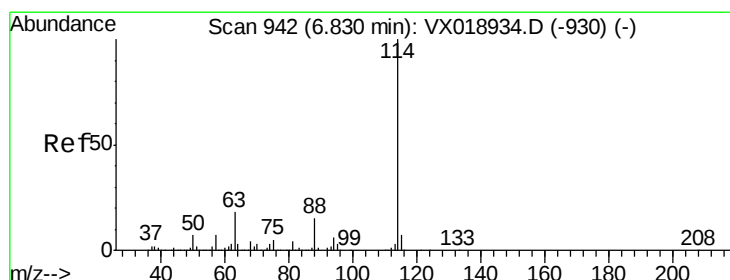
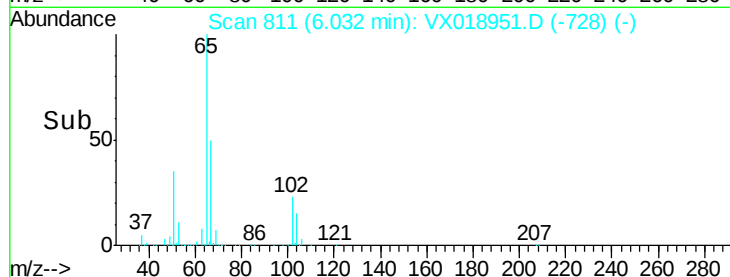
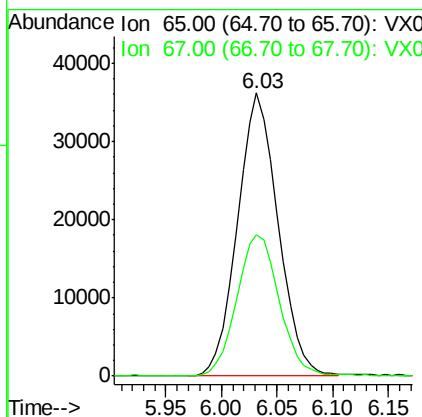
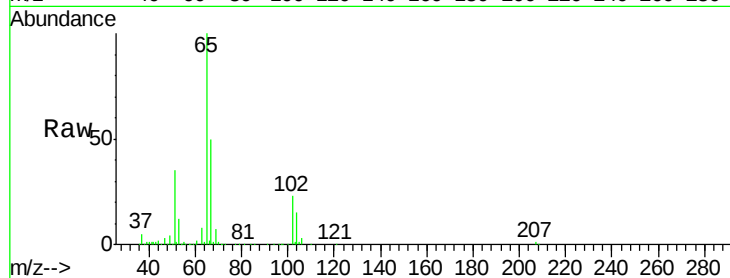
#27
 1,2-Dichloroethane-d4
 Concen: 32.810 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: VX018951.D
 Acq: 15 Oct 2020 22:31

Instrument :
 MSVOA_X
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
65	100		
67	52.3	42.1	63.1

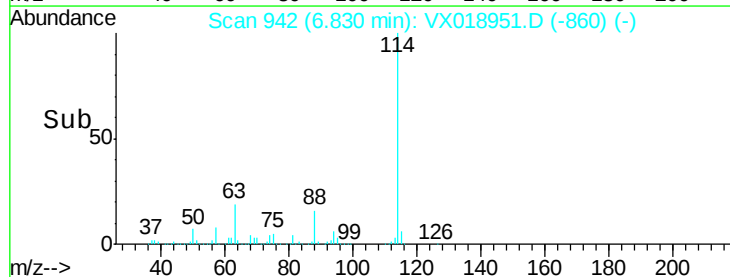
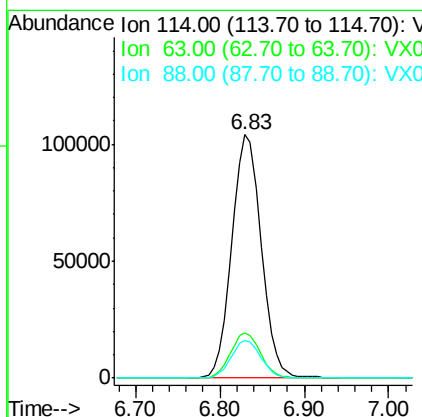
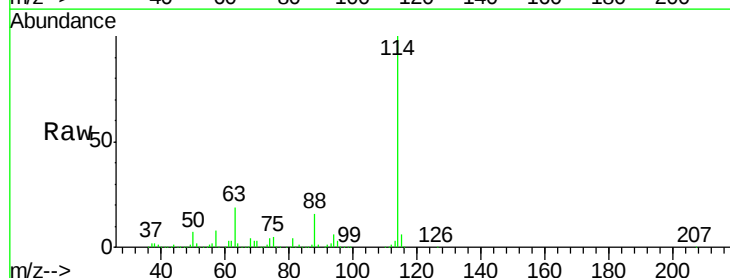
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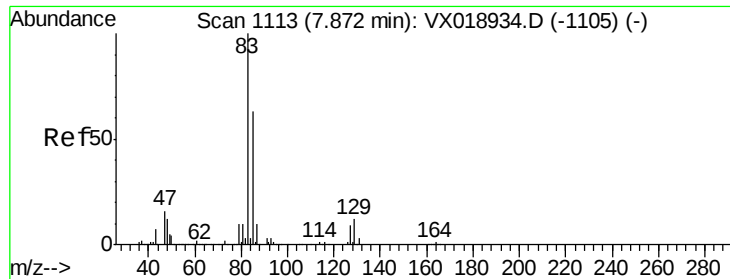
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX018951.D
 Acq: 15 Oct 2020 22:31

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.9	14.6	21.8
88	15.6	12.3	18.5





#41

Bromodichloromethane

Concen: 8.514 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX018951.D

Acq: 15 Oct 2020 22:31

Instrument :

MSVOA_X

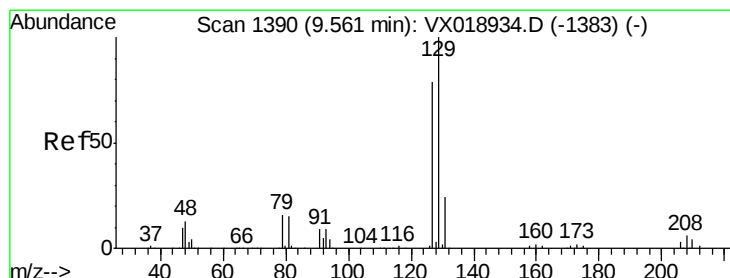
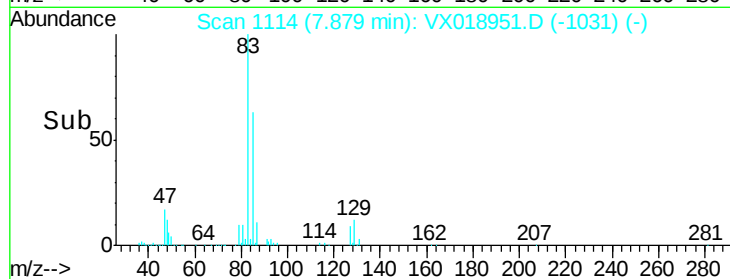
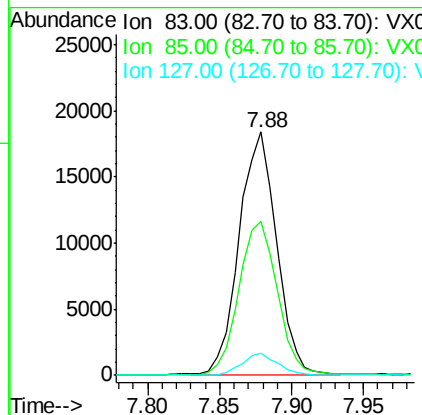
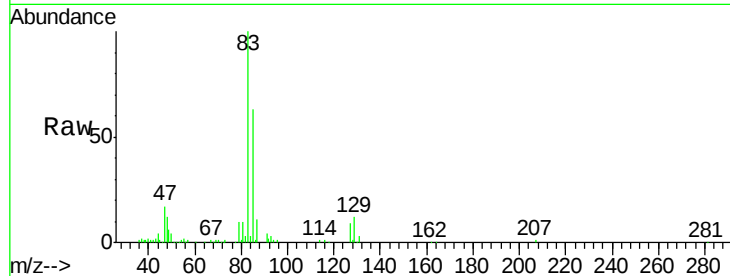
ClientSampled :

14B-3

Tot Ion:	83	Resp:	32933
Ion Ratio	Lower	Upper	
83	100		
85	63.5	50.4	75.6
127	9.0	7.5	11.3

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#53

Dibromochloromethane

Concen: 0.669 ug/l

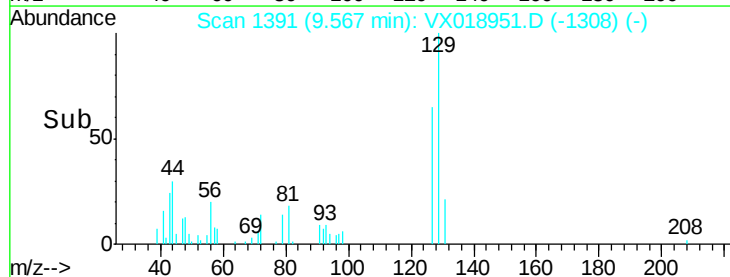
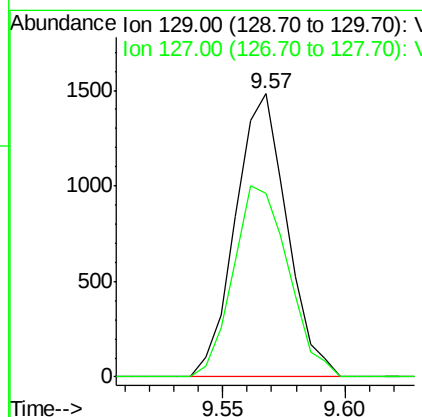
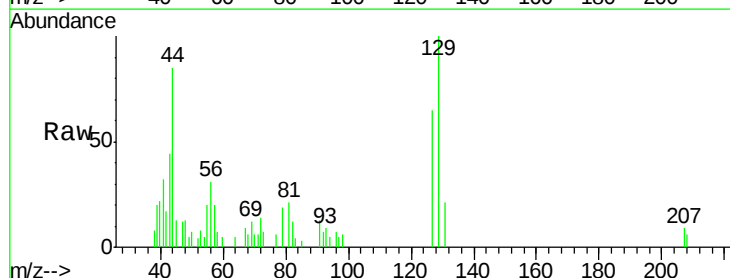
RT: 9.57 min Scan# 1391

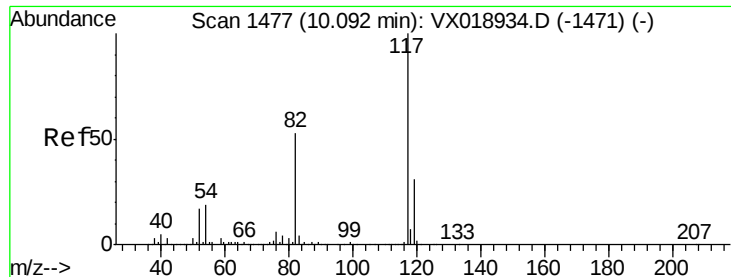
Delta R.T. 0.01 min

Lab File: VX018951.D

Acq: 15 Oct 2020 22:31

Tgt Ion:	129	Resp:	2171
Ion Ratio	Lower	Upper	
129	100		
127	71.8	38.7	116.1





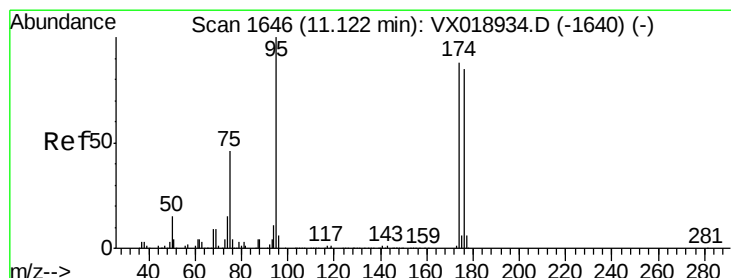
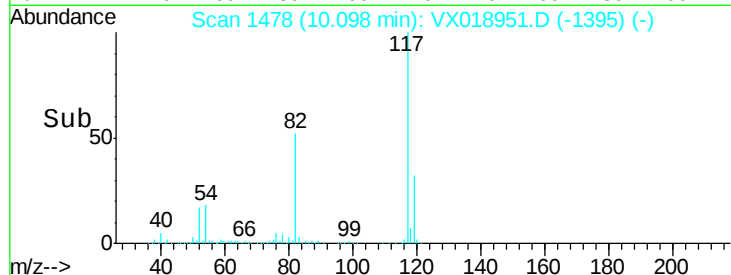
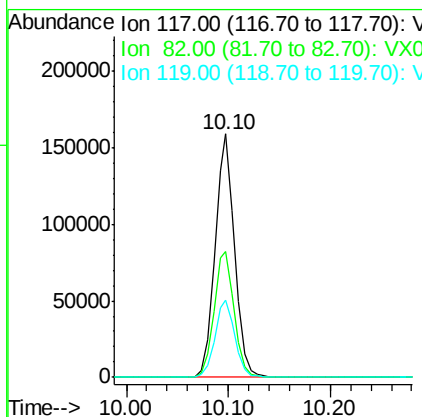
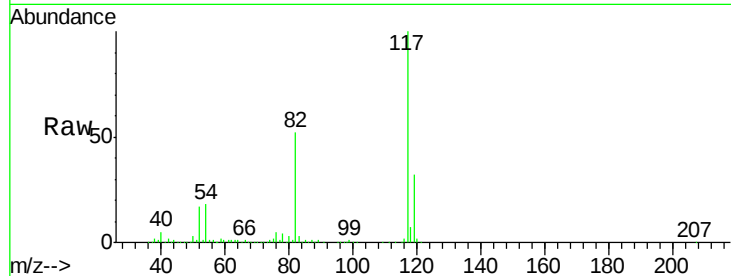
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX018951.D
Acq: 15 Oct 2020 22:31

Instrument :
MSVOA_X
ClientSampled :
14B-3

Tot Ion	Ratio	Resp	Lower	Upper
117	100	212363		
82	53.6	41.6	62.4	
119	32.6	25.7	38.5	

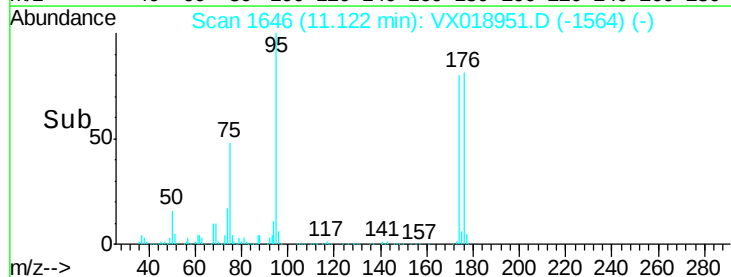
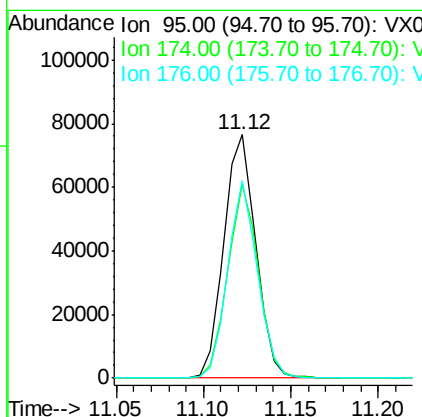
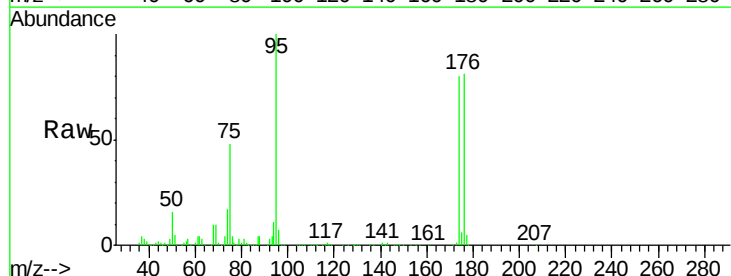
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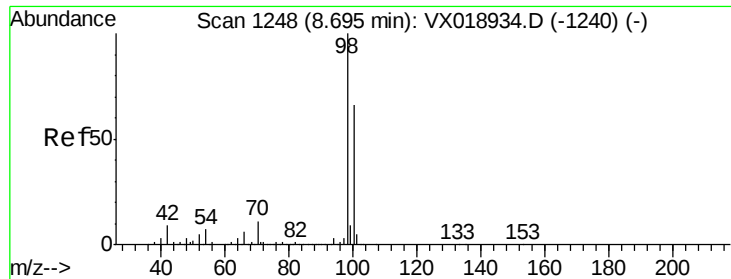
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#60
4-Bromofluorobenzene
Concen: 29.469 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018951.D
Acq: 15 Oct 2020 22:31

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	97431		
174	76.6	67.0	100.4	
176	75.5	64.5	96.7	





#63
Toluene-d8
Concen: 31.398 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018951.D
Acq: 15 Oct 2020 22:31

Instrument :
MSVOA_X
ClientSampleId :
14B-3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
98	100	65.4	53.2	79.8	

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