

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051520\  
 Data File : VX016278.D  
 Acq On : 15 May 2020 14:17  
 Operator : JC/SP  
 Sample : L2665-04  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 0373-FIELD-BLANK

Quant Time: May 16 06:42:26 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X050420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 06 06:43:32 2020  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	242599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	403247	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	396908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199803	50.00	ug/l	0.00

## System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	148522	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	
35) Dibromofluoromethane	5.47	113	117489	45.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.98%	
50) Toluene-d8	8.70	98	501202	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
62) 4-Bromofluorobenzene	11.12	95	197672	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	

## Target Compounds

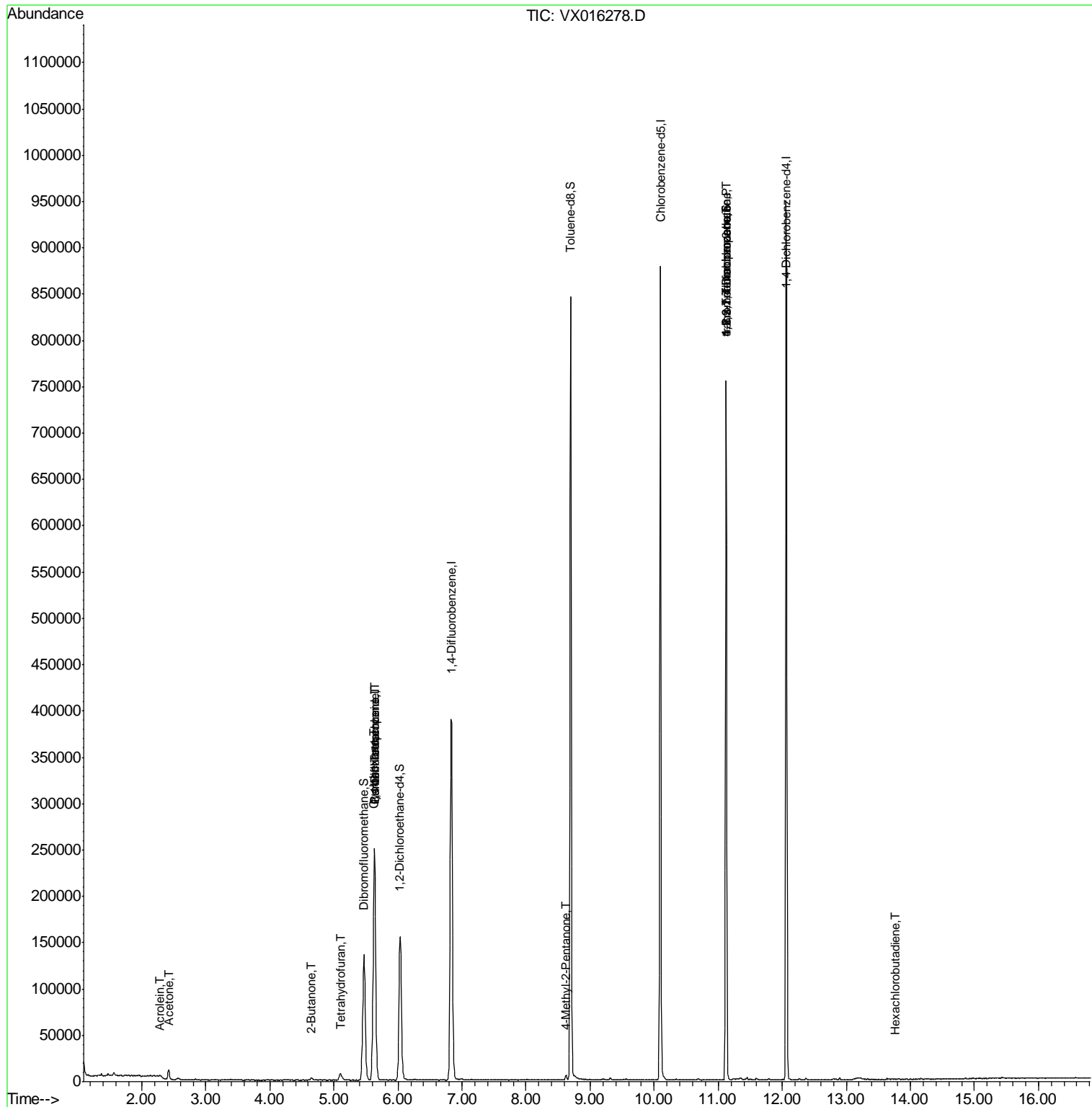
					Qvalue	
13) Acrolein	2.27	56	589	1.166	ug/l #	51
16) Acetone	2.42	43	10785	7.572	ug/l	100
17) Carbon Disulfide	2.56	76	1199	Below Cal	#	89
25) 2-Butanone	4.65	43	3348	1.459	ug/l	99
29) Tetrahydrofuran	5.09	42	6848	4.503	ug/l	95
31) Cyclohexane	5.62	56	4772	1.076	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	17762	4.475	ug/l #	49
38) Carbon Tetrachloride	5.63	117	23536	5.834	ug/l #	14
51) 4-Methyl-2-Pentanone	8.62	43	2983	0.664	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.12	83	130	2.097	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	97404	21.483	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	97404	51.196	ug/l #	13
94) Hexachlorobutadiene	13.77	225	29	0.537	ug/l #	41

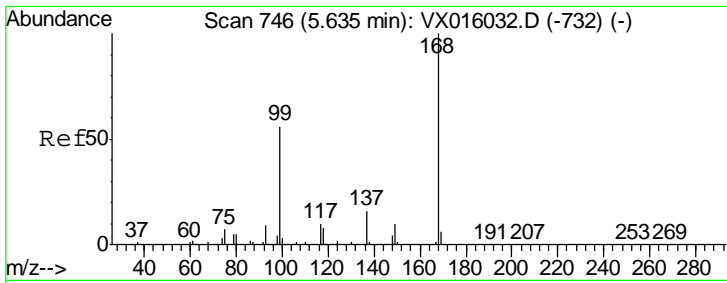
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Response via : Initial Calibration

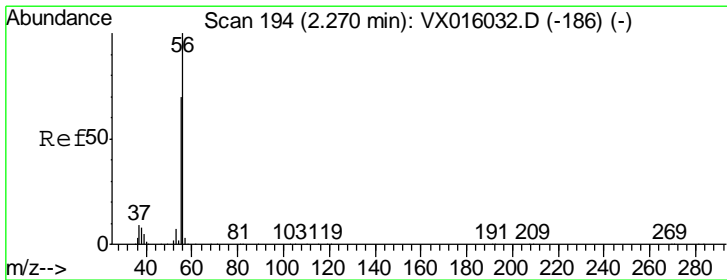
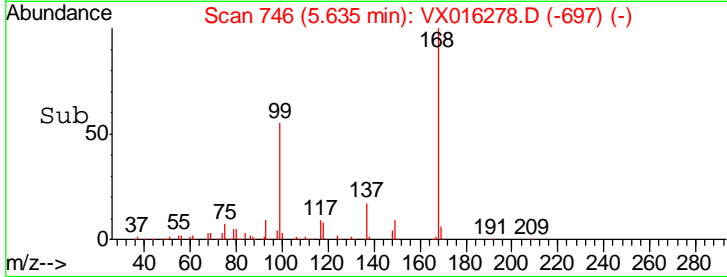
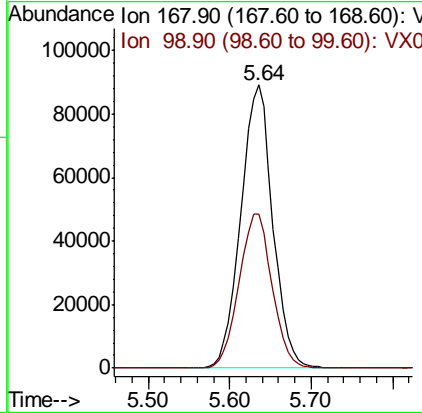
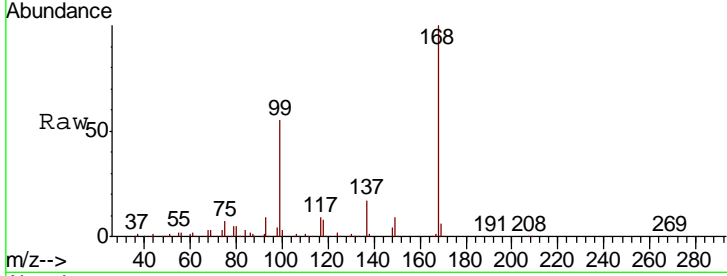




#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.64 min Scan# 746  
 Delta R.T. -0.00 min  
 Lab File: VX016278.D  
 Acq: 15 May 2020 14:17

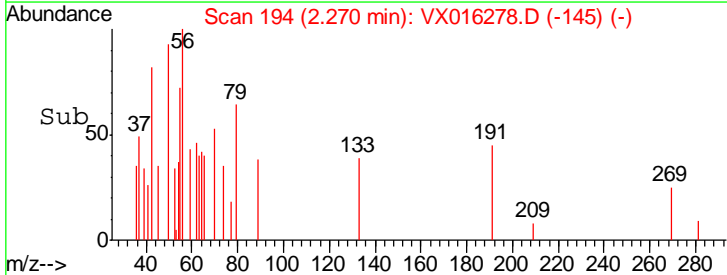
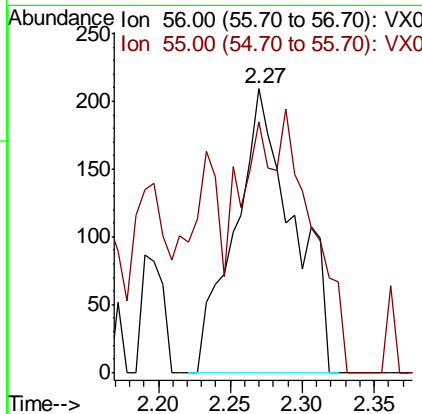
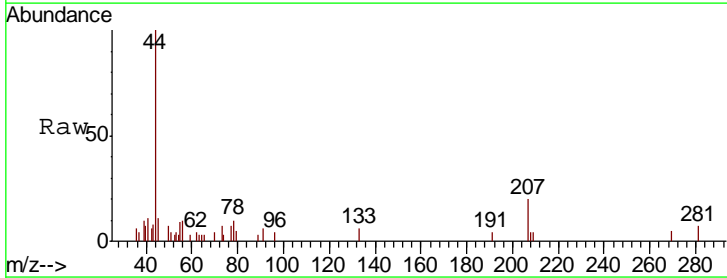
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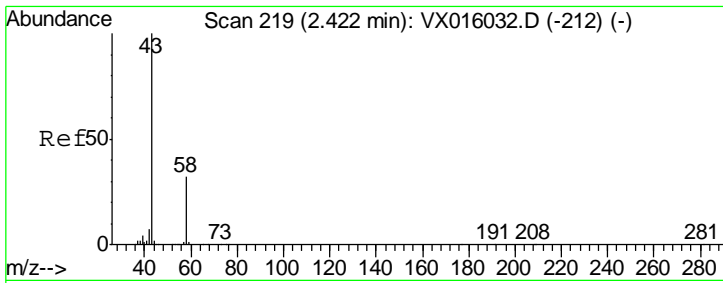
Tgt Ion	Resp	Lower	Upper
168	100		
99	54.6	45.0	67.4



#13  
 Acrolein  
 Concen: 1.166 ug/l  
 RT: 2.27 min Scan# 194  
 Delta R.T. -0.00 min  
 Lab File: VX016278.D  
 Acq: 15 May 2020 14:17

Tgt Ion	Resp	Lower	Upper
56	100		
55	29.9	56.5	84.7#

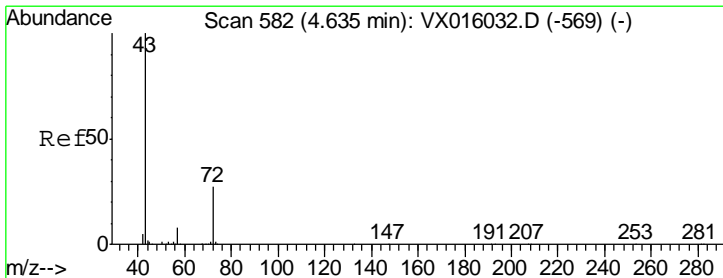
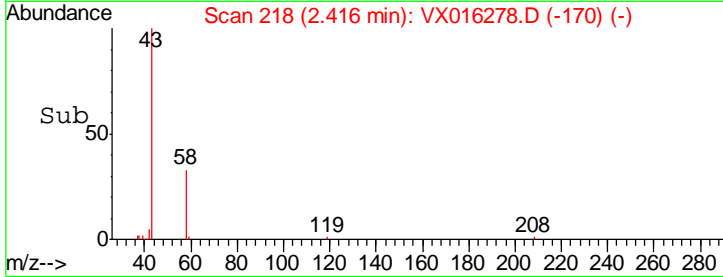
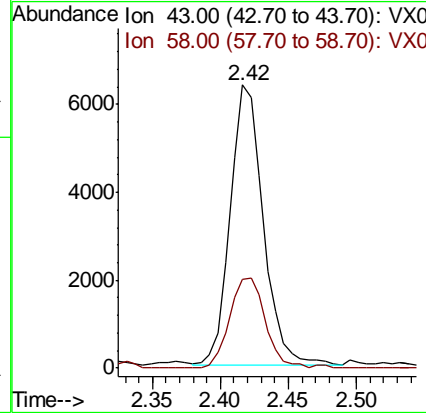
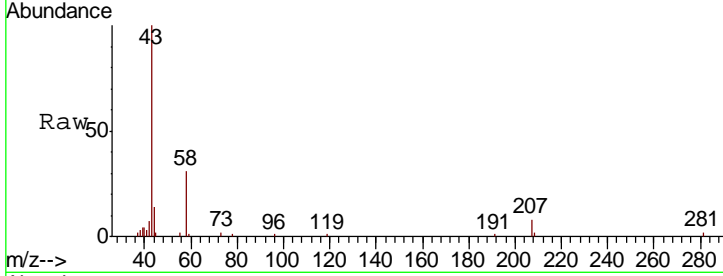




#16  
 Acetone  
 Concen: 7.572 ug/l  
 RT: 2.42 min Scan# 218  
 Delta R.T. -0.01 min  
 Lab File: VX016278.D  
 Acq: 15 May 2020 14:17

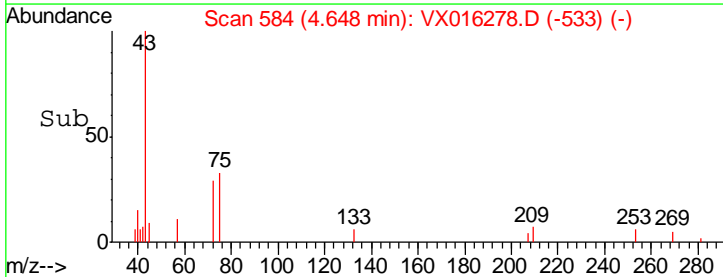
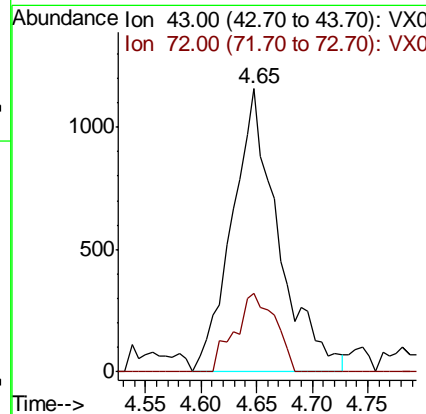
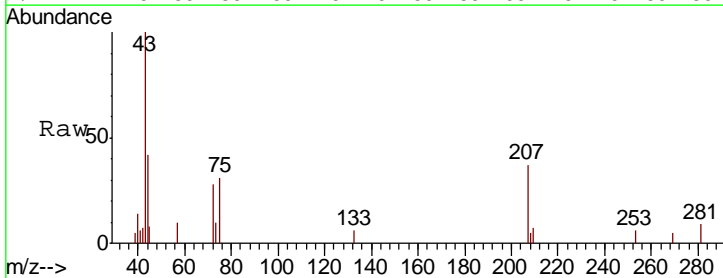
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**ClientSampled :**  
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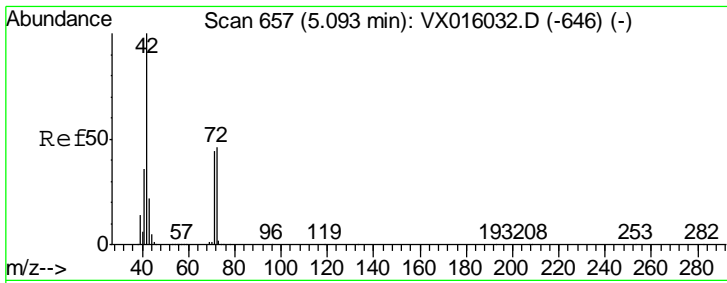
Tgt Ion	Resp	Lower	Upper
43	10785		
58	31.7	25.4	38.0



#25  
 2-Butanone  
 Concen: 1.459 ug/l  
 RT: 4.65 min Scan# 584  
 Delta R.T. 0.01 min  
 Lab File: VX016278.D  
 Acq: 15 May 2020 14:17

Tgt Ion	Resp	Lower	Upper
43	3348		
72	27.7	21.8	32.8

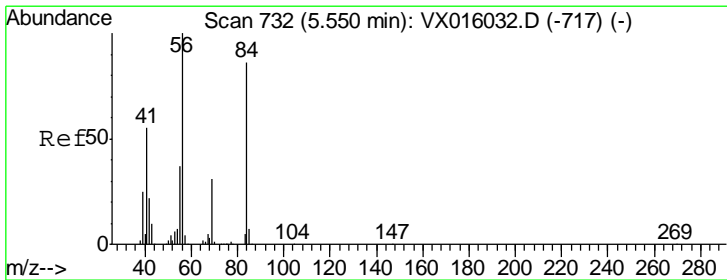
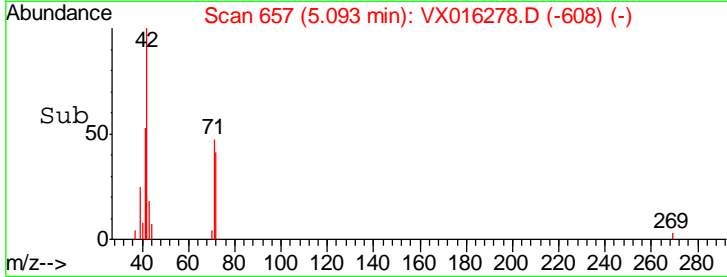
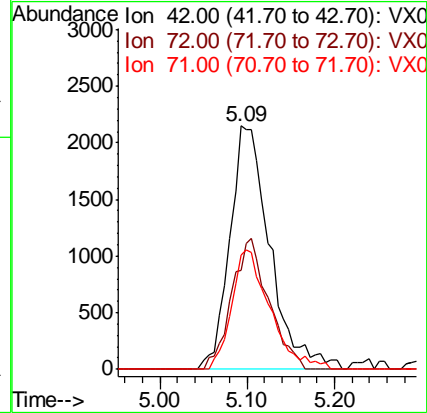
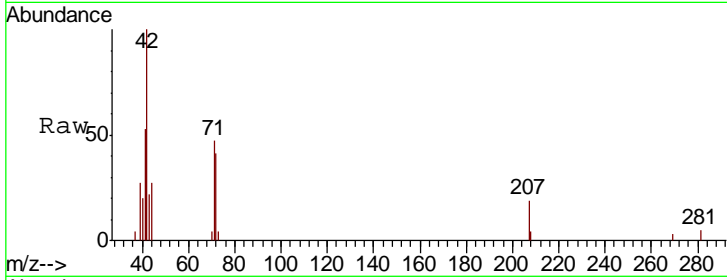




#29  
 Tetrahydrofuran  
 Concen: 4.503 ug/l  
 RT: 5.09 min Scan# 657  
 Delta R.T. -0.00 min  
 Lab File: VX016278.D  
 Acq: 15 May 2020 14:17

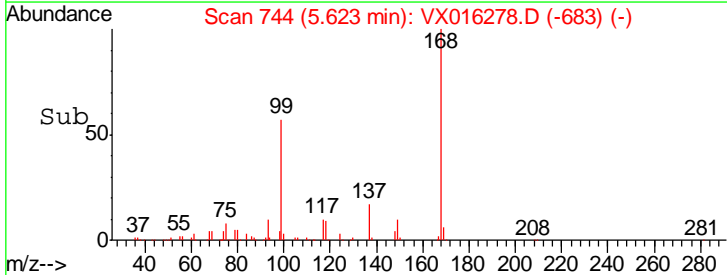
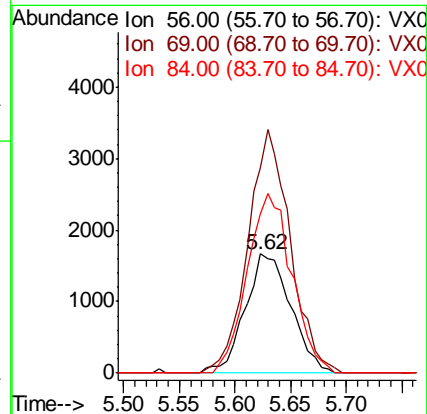
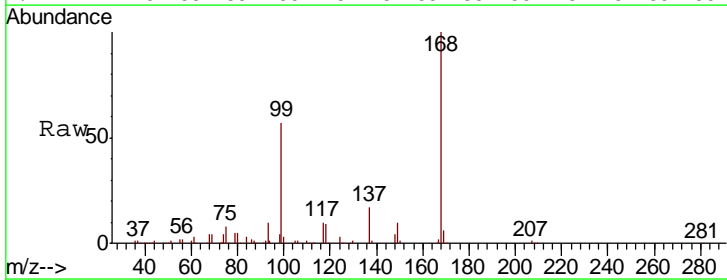
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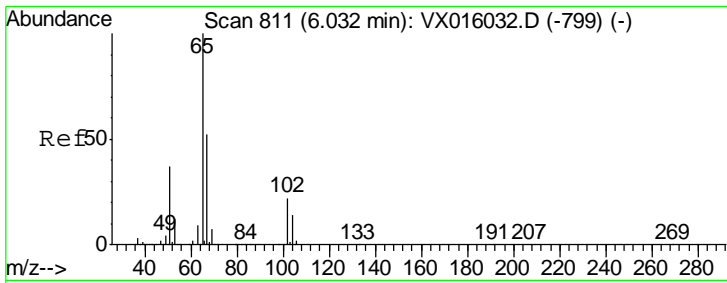
Tgt Ion	Resp	Lower	Upper
42	100		
72	49.6	37.1	55.7
71	47.0	34.5	51.7



#31  
 Cyclohexane  
 Concen: 1.076 ug/l  
 RT: 5.62 min Scan# 744  
 Delta R.T. 0.07 min  
 Lab File: VX016278.D  
 Acq: 15 May 2020 14:17

Tgt Ion	Resp	Lower	Upper
56	100		
69	172.9	25.0	37.6#
84	133.7	69.0	103.6#

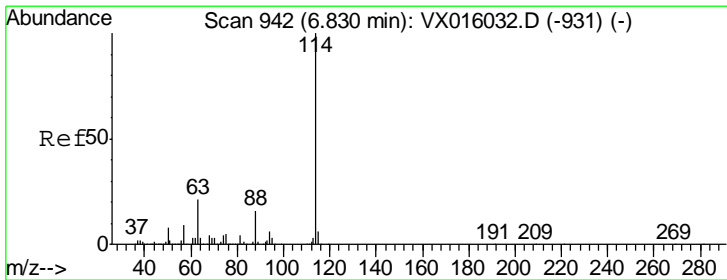
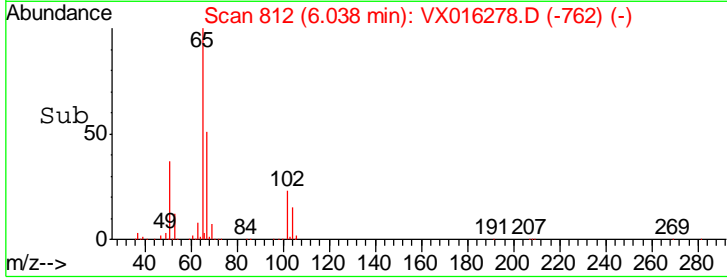
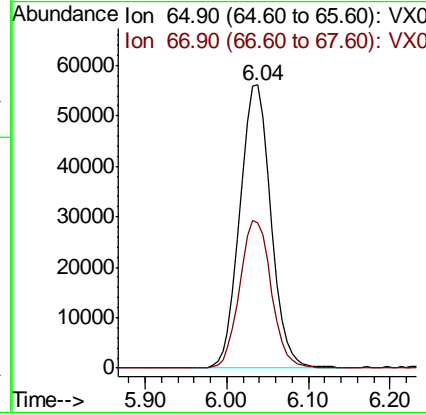
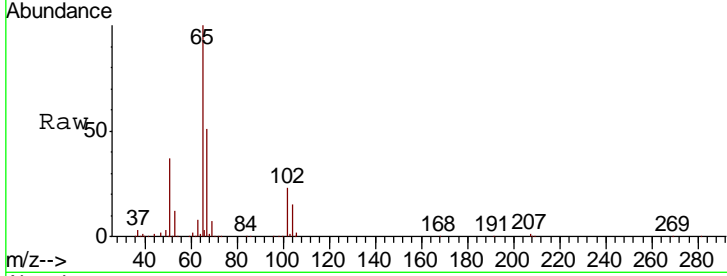




#33  
 1,2-Dichloroethane-d4  
 Concen: 46.524 ug/l  
 RT: 6.04 min Scan# 812  
 Delta R.T. 0.01 min  
 Lab File: VX016278.D  
 Acq: 15 May 2020 14:17

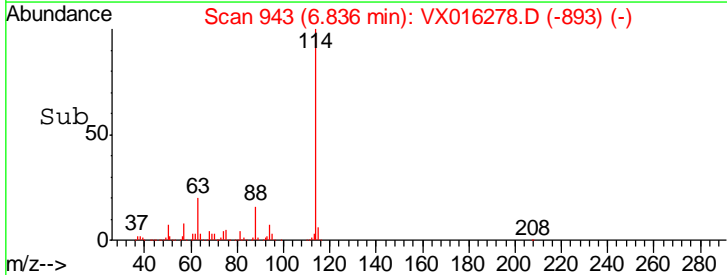
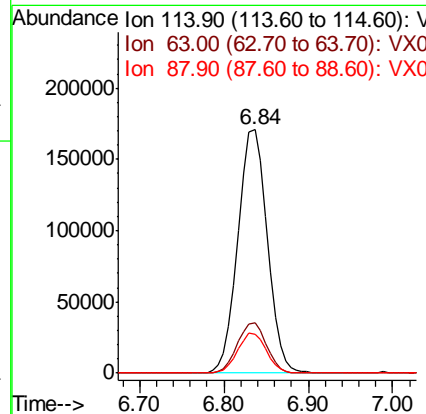
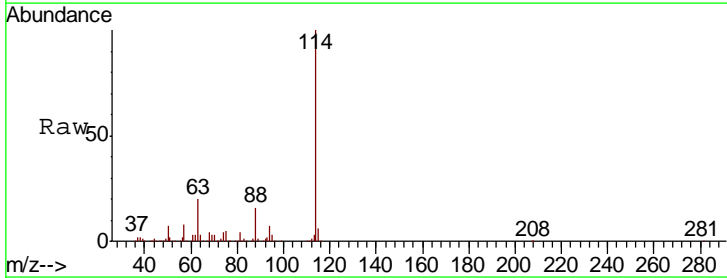
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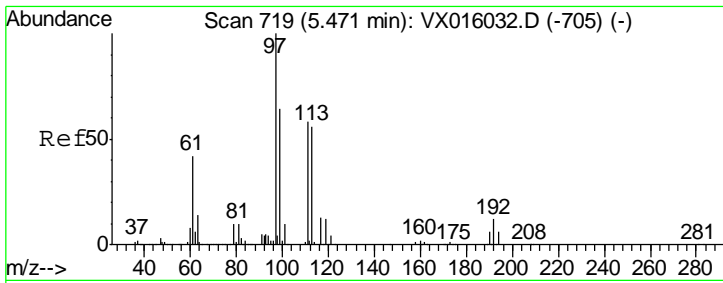
Tgt Ion	Resp	Lower	Upper
65	148522		
67	52.8	0.0	104.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.84 min Scan# 943  
 Delta R.T. 0.01 min  
 Lab File: VX016278.D  
 Acq: 15 May 2020 14:17

Tgt Ion	Resp	Lower	Upper
114	403247		
63	20.5	0.0	42.8
88	15.7	0.0	31.4

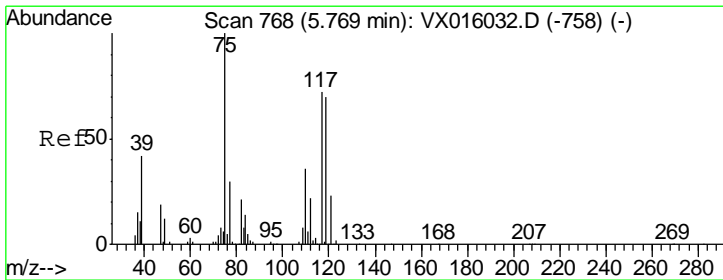
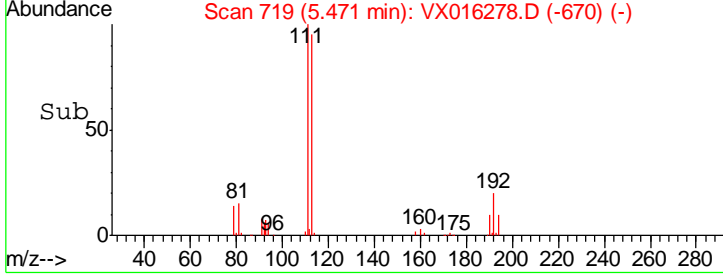
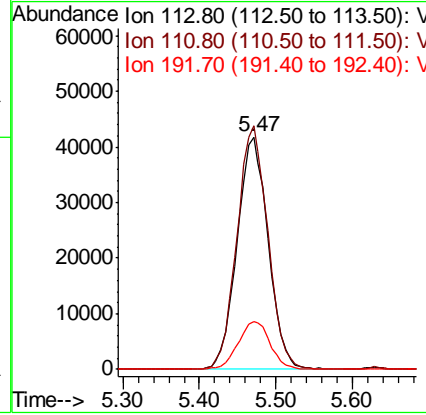
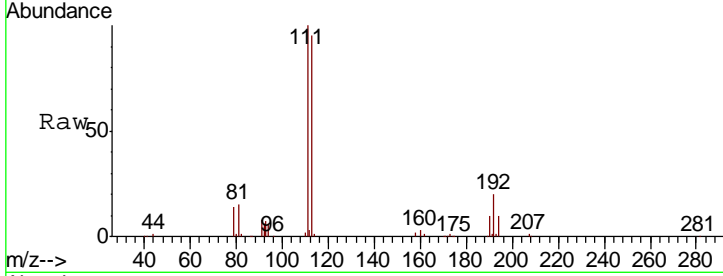




#35  
 Dibromofluoromethane  
 Concen: 45.989 ug/l  
 RT: 5.47 min Scan# 719  
 Delta R.T. -0.00 min  
 Lab File: VX016278.D  
 Acq: 15 May 2020 14:17

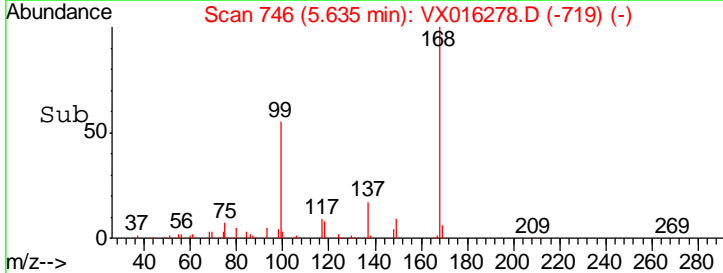
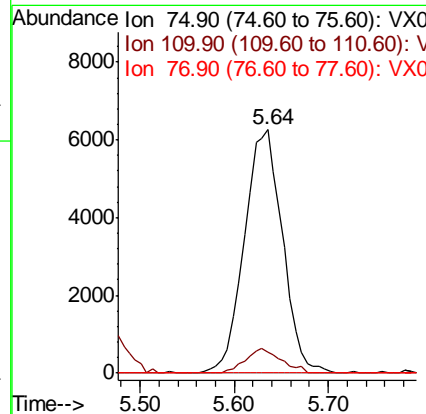
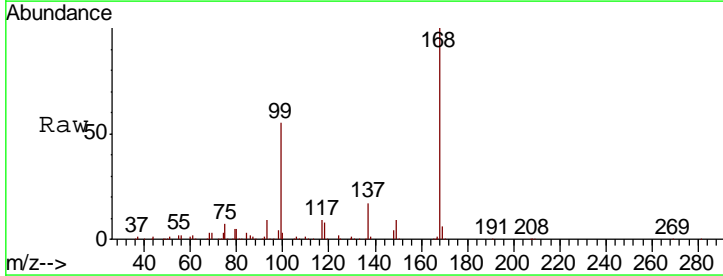
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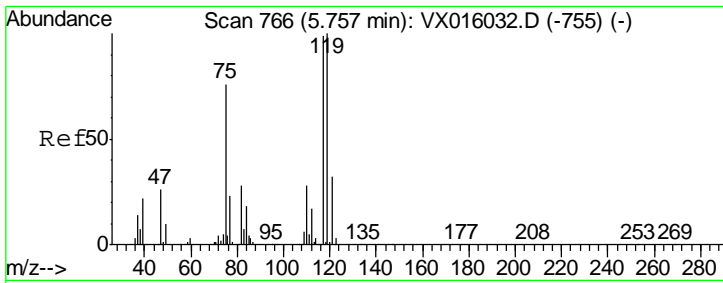
Tgt Ion	Resp	Lower	Upper
113	117489		
111	104.1	81.6	122.4
192	21.0	17.0	25.4



#36  
 1,1-Dichloropropene  
 Concen: 4.475 ug/l  
 RT: 5.64 min Scan# 746  
 Delta R.T. -0.13 min  
 Lab File: VX016278.D  
 Acq: 15 May 2020 14:17

Tgt Ion	Resp	Lower	Upper
75	17762		
110	9.5	18.1	54.1#
77	0.0	25.0	37.6#

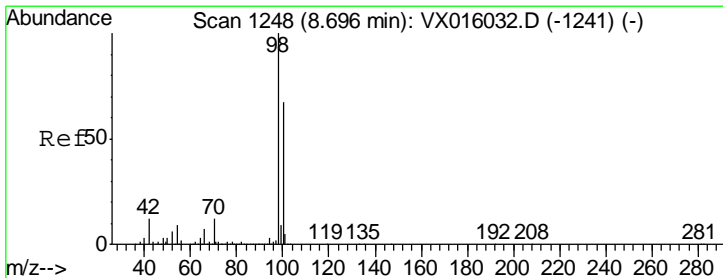
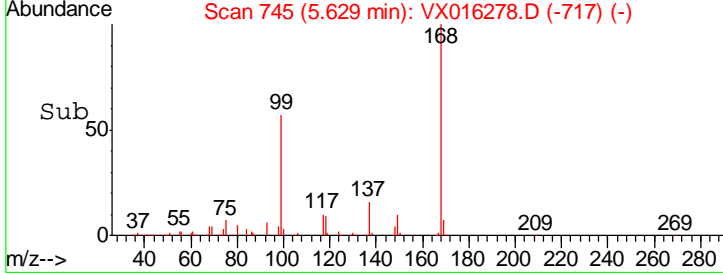
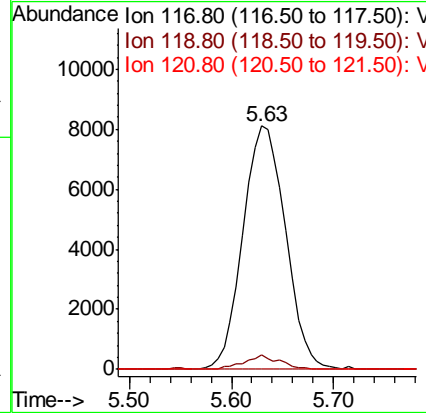
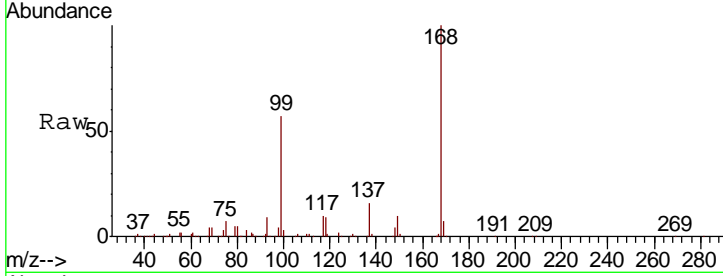




#38  
 Carbon Tetrachloride  
 Concen: 5.834 ug/l  
 RT: 5.63 min Scan# 745  
 Delta R.T. -0.13 min  
 Lab File: VX016278.D  
 Acq: 15 May 2020 14:17

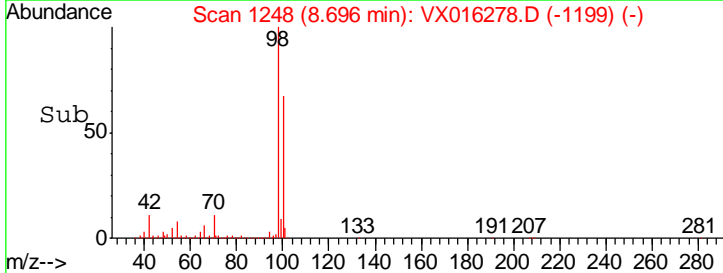
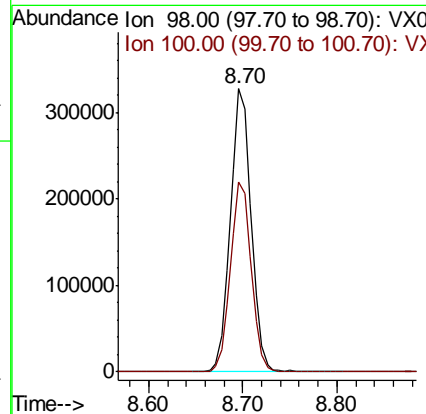
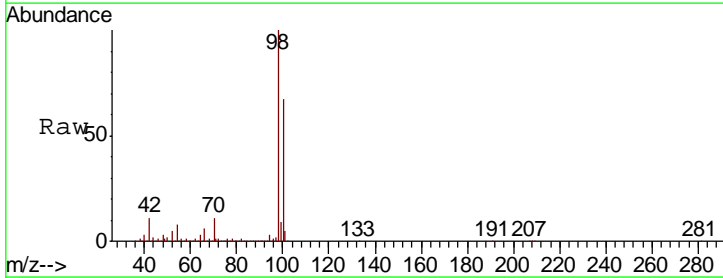
**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
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Tgt Ion	Resp	Lower	Upper
117	100		
119	5.7	80.3	120.5#
121	0.0	25.7	38.5#

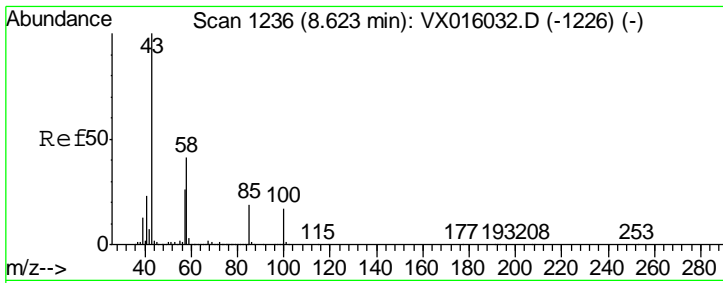


#50  
 Toluene-d8  
 Concen: 50.917 ug/l  
 RT: 8.70 min Scan# 1248  
 Delta R.T. -0.00 min  
 Lab File: VX016278.D  
 Acq: 15 May 2020 14:17

Tgt Ion	Resp	Lower	Upper
98	100		
100	67.0	53.7	80.5



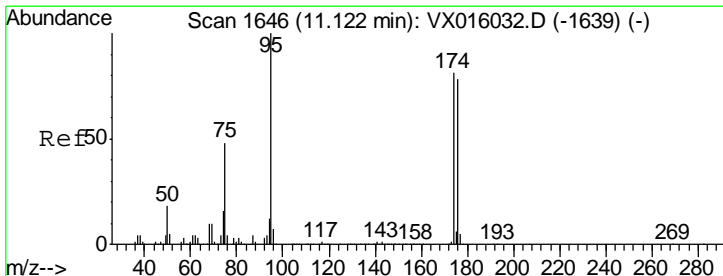
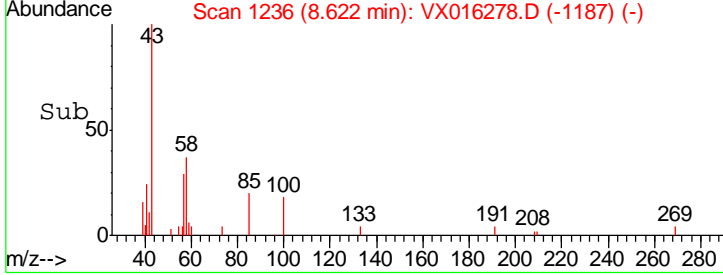
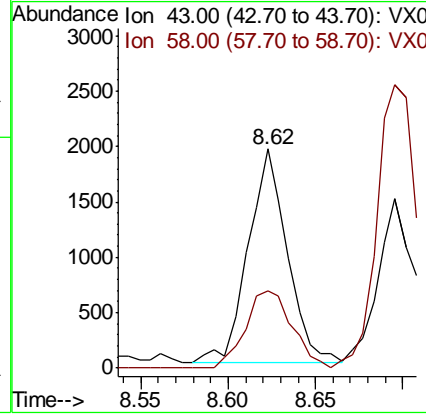
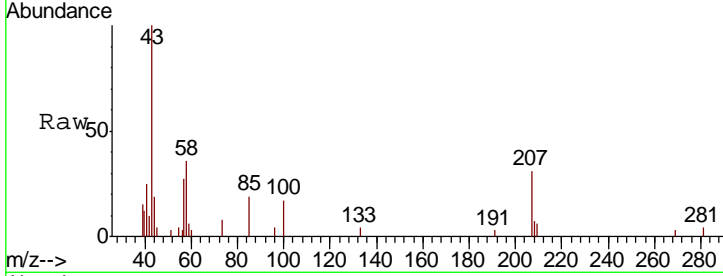




#51  
 4-Methyl-2-Pentanone  
 Concen: 0.664 ug/l  
 RT: 8.62 min Scan# 1236  
 Delta R.T. -0.00 min  
 Lab File: VX016278.D  
 Acq: 15 May 2020 14:17

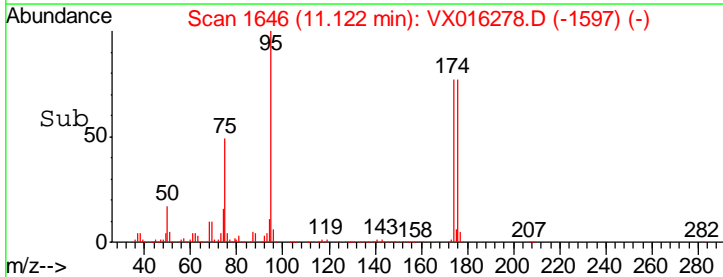
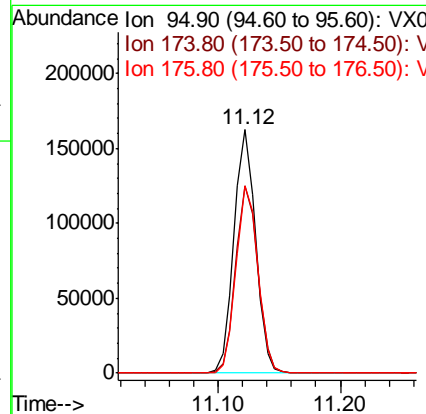
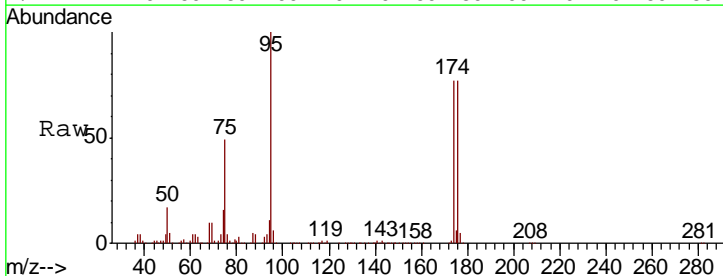
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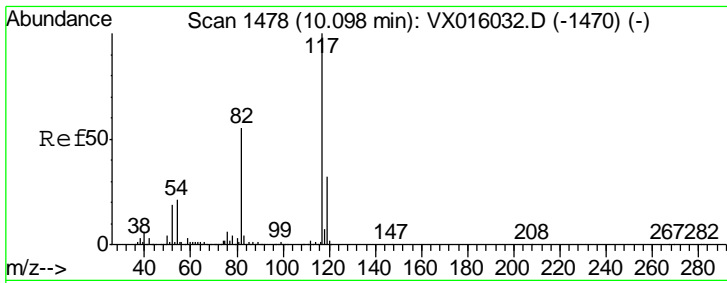
Tgt Ion	Resp	Lower	Upper
43	100		
58	43.4	33.0	49.4



#62  
 4-Bromofluorobenzene  
 Concen: 52.796 ug/l  
 RT: 11.12 min Scan# 1646  
 Delta R.T. -0.00 min  
 Lab File: VX016278.D  
 Acq: 15 May 2020 14:17

Tgt Ion	Resp	Lower	Upper
95	100		
174	78.7	0.0	159.4
176	78.2	0.0	157.6

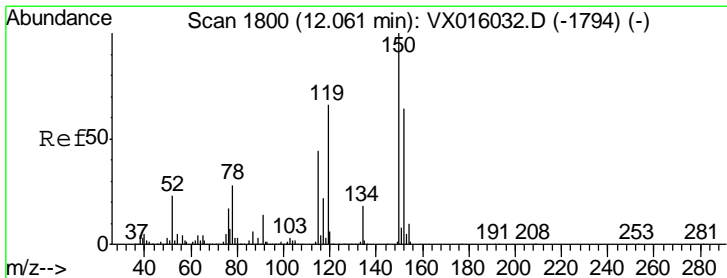
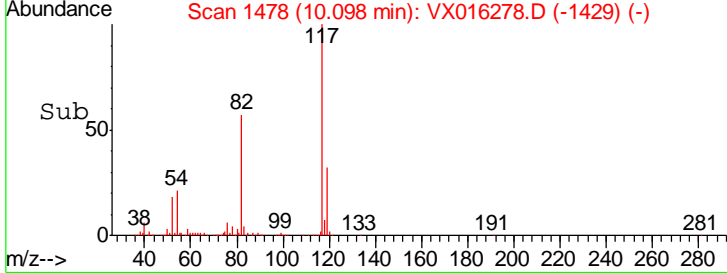
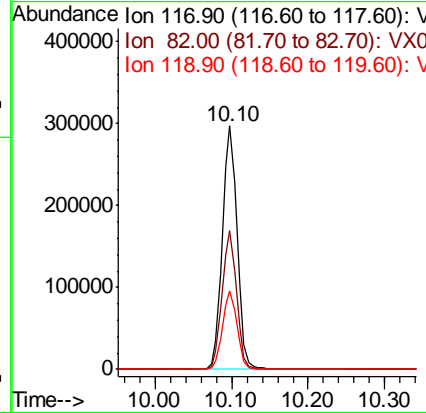
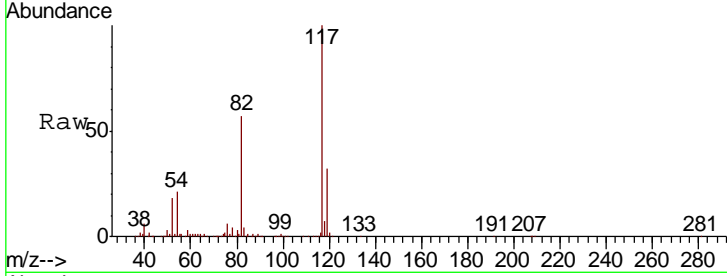




#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 10.10 min Scan# 1478  
 Delta R.T. -0.00 min  
 Lab File: VX016278.D  
 Acq: 15 May 2020 14:17

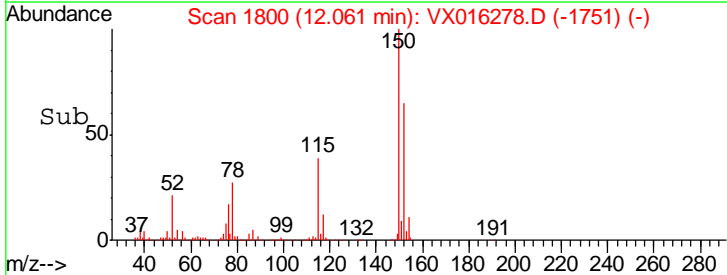
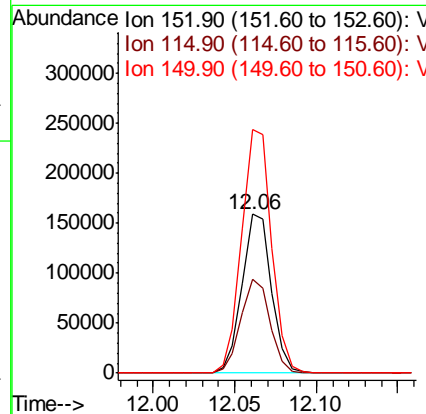
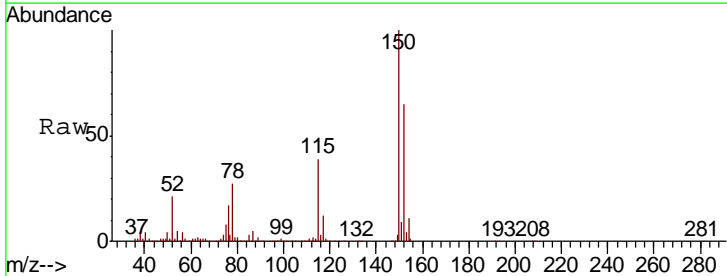
Instrument : MSVOA\_X  
 ClientSampled : 0373-FIELD-BLANK

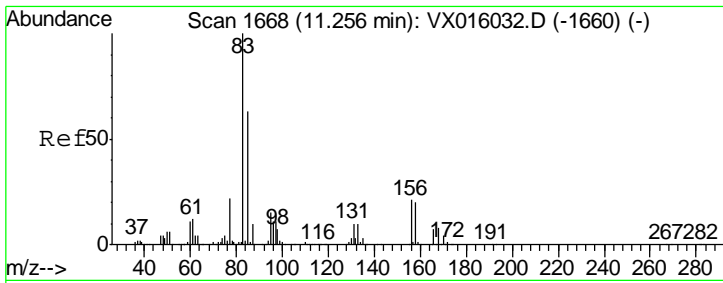
Tgt Ion	Resp	Lower	Upper
117	396908		
82	57.1	44.4	66.6
119	32.3	25.5	38.3



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.06 min Scan# 1800  
 Delta R.T. -0.00 min  
 Lab File: VX016278.D  
 Acq: 15 May 2020 14:17

Tgt Ion	Resp	Lower	Upper
152	199803		
115	58.8	41.3	124.1
150	156.2	0.0	352.2

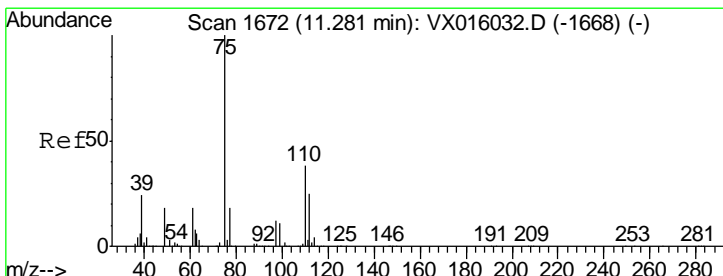
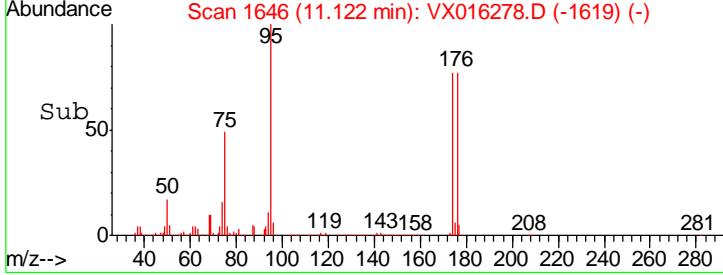
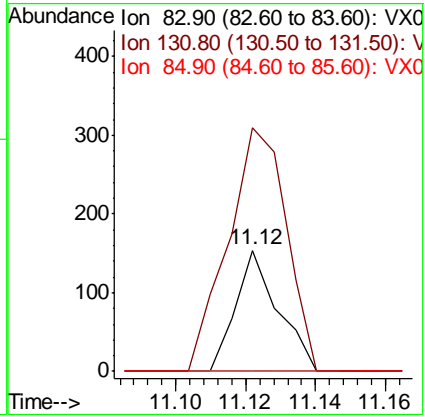
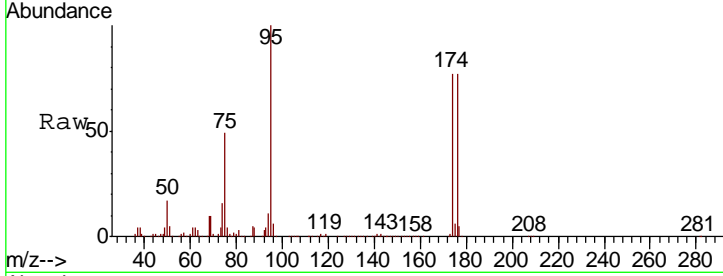




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 2.097 ug/l  
 RT: 11.12 min Scan# 1646  
 Delta R.T. -0.13 min  
 Lab File: VX016278.D  
 Acq: 15 May 2020 14:17

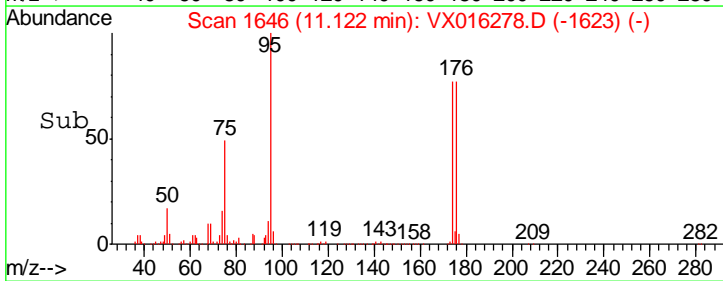
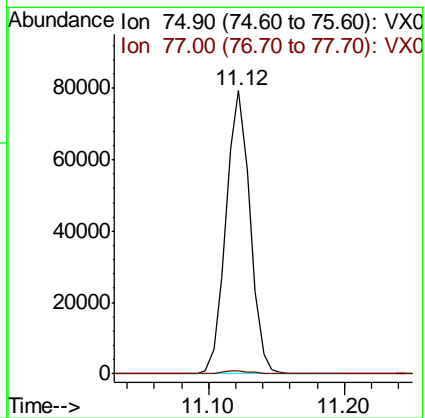
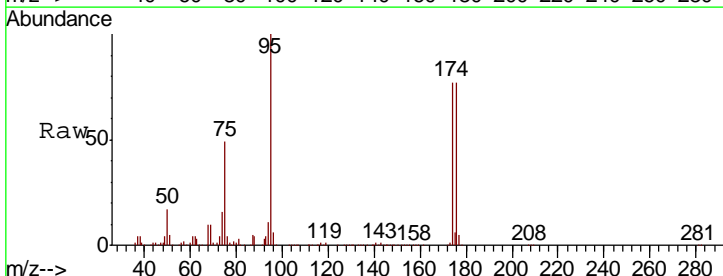
Instrument : MSVOA\_X  
 ClientSampled : 0373-FIELD-BLANK

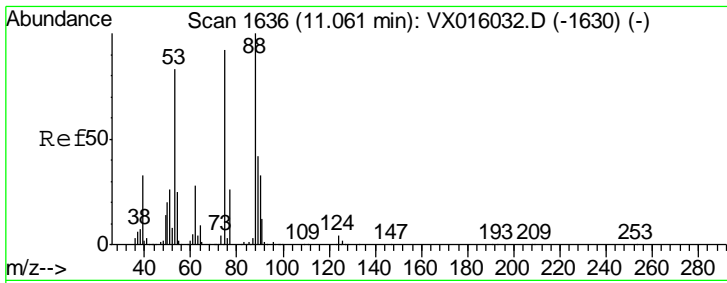
Tgt Ion	Resp	Lower	Upper
83	130		
131	275.4	5.1	15.4#
85	0.0	32.0	96.0#



#76  
 1,2,3-Trichloropropane  
 Concen: 21.483 ug/l  
 RT: 11.12 min Scan# 1646  
 Delta R.T. -0.16 min  
 Lab File: VX016278.D  
 Acq: 15 May 2020 14:17

Tgt Ion	Resp	Lower	Upper
75	100		
77	1.3	21.2	63.6#

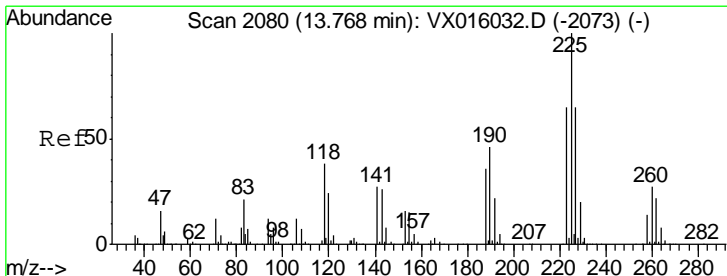
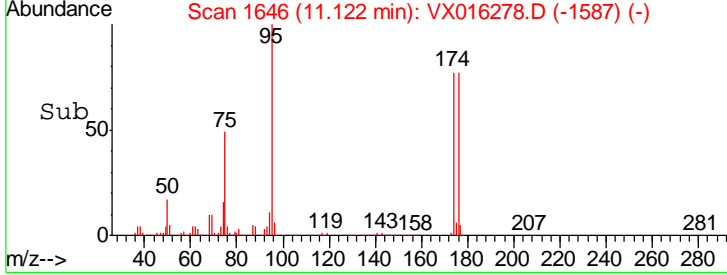
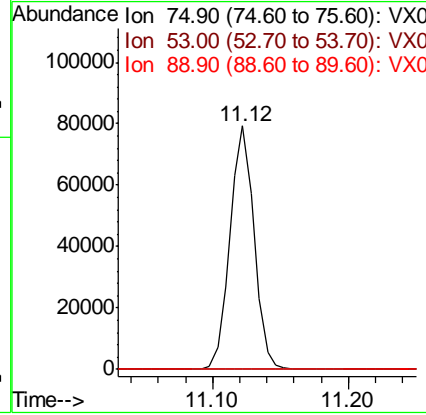
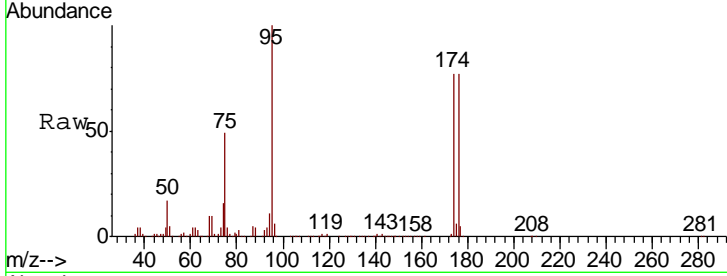




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 51.196 ug/l  
 RT: 11.12 min Scan# 1646  
 Delta R.T. 0.06 min  
 Lab File: VX016278.D  
 Acq: 15 May 2020 14:17

Instrument : MSVOA\_X  
 ClientSampled : 0373-FIELD-BLANK

Tgt Ion	Resp	Lower	Upper
75	100		
53	0.0	73.1	109.7#
89	0.0	36.7	55.1#



#94  
 Hexachlorobutadiene  
 Concen: 0.537 ug/l  
 RT: 13.77 min Scan# 2080  
 Delta R.T. 0.00 min  
 Lab File: VX016278.D  
 Acq: 15 May 2020 14:17

Tgt Ion	Resp	Lower	Upper
225	100		
223	93.1	32.3	96.9
227	0.0	31.8	95.4#

