

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR041119\
 Data File : VR026583.D
 Acq On : 11 Apr 2019 23:28
 Operator : SY/MD
 Sample : K2297-06
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 E3YC6

Quant Time: Apr 12 02:12:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR041119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 12 02:06:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	527360	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	435130	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	121402	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	169406	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	2.62	69	157572	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	3.60	63	368926	3.33	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	6.58	46	188743	50.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.38%
24) Chloroform-d	7.20	84	362502	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	7.89	65	155845	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
32) Benzene-d6	7.85	84	669222	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	8.89	67	176822	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	9.97	98	575508	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	10.23	79	33524	3.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.40%
46) 2-Hexanone-d5	10.59	63	146925	51.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.30%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	68441	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	117712	6.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.60%#

Target Compounds

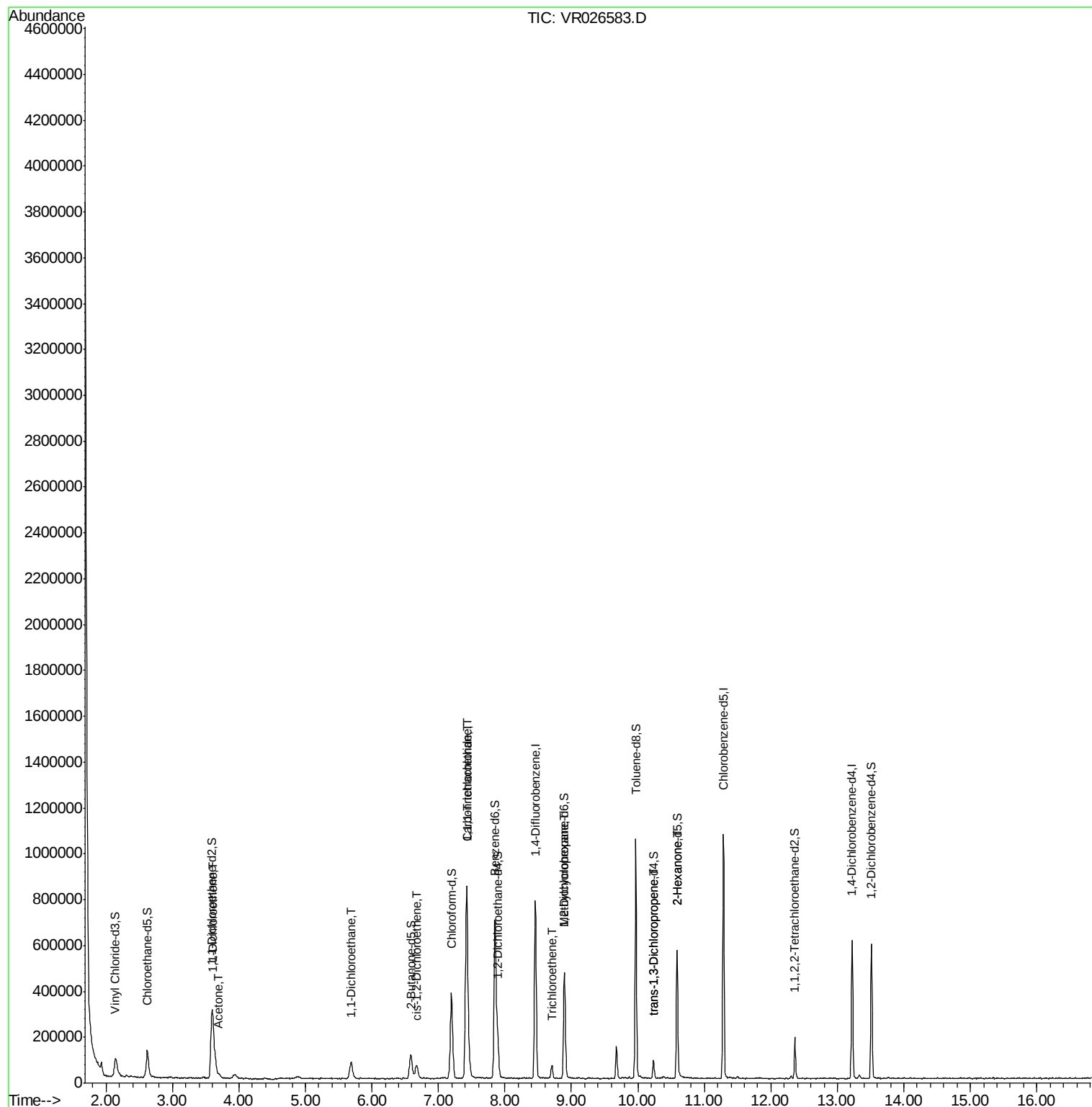
					Ovalue
12) 1,1-Dichloroethene	3.61	96	8390	0.169 ug/L #	1
13) Acetone	3.69	43	21279	5.486 ug/L	94
19) 1,1-Dichloroethane	5.68	63	99916	1.240 ug/L	94
22) cis-1,2-Dichloroethene	6.67	96	23985	0.643 ug/L #	94
29) 1,1,1-Trichloroethane	7.43	97	692467	10.564 ug/L	98
31) Carbon tetrachloride	7.43	117	77556	1.163 ug/L	99
34) Trichloroethene	8.71	95	19347	0.433 ug/L	95
35) Methylcyclohexane	8.89	83	43747	0.713 ug/L #	16
44) trans-1,3-Dichloropropene	10.23	75	2907	0.107 ug/L	89
48) 2-Hexanone	10.59	43	24867	3.281 ug/L #	70

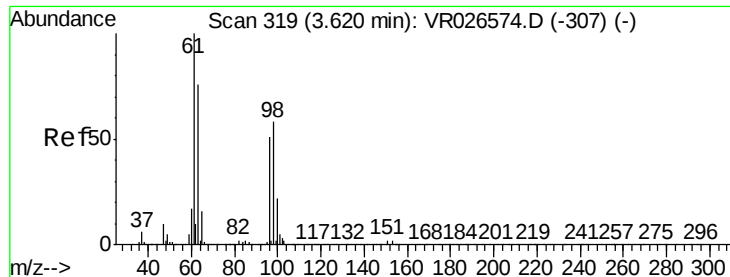
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.169 ug/L

RT: 3.61 min Scan# 318

Delta R.T. -0.01 min

Lab File: VR026583.D

Acq: 11 Apr 2019 23:28

Instrument :

MSVOA_R

ClientSampleId :

E3YC6

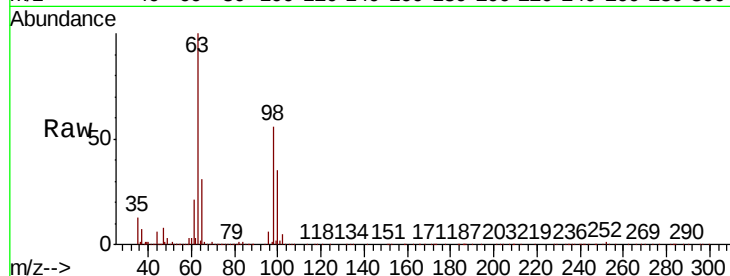
Tot Ion: 96 Resp: 8390

Ion Ratio Lower Upper

96 100

61 344.9 140.8 261.6#

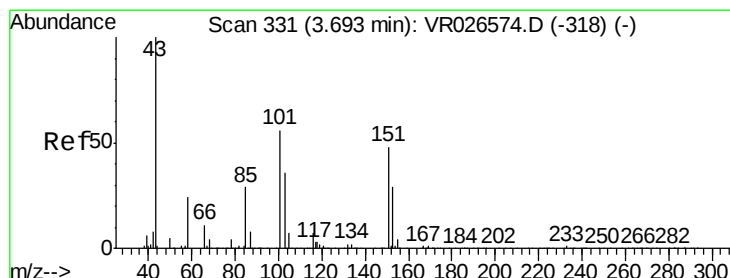
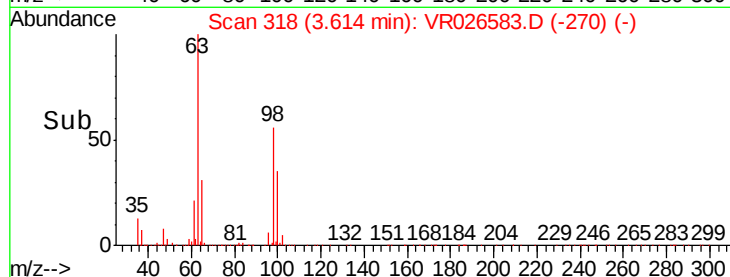
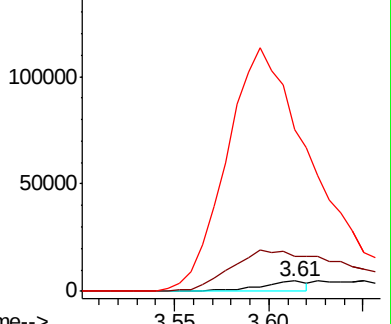
63 1608.7 124.0 230.4#



Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 63.00 (62.70 to 63.70): VR0



#13

Acetone

Concen: 5.486 ug/L

RT: 3.69 min Scan# 330

Delta R.T. -0.01 min

Lab File: VR026583.D

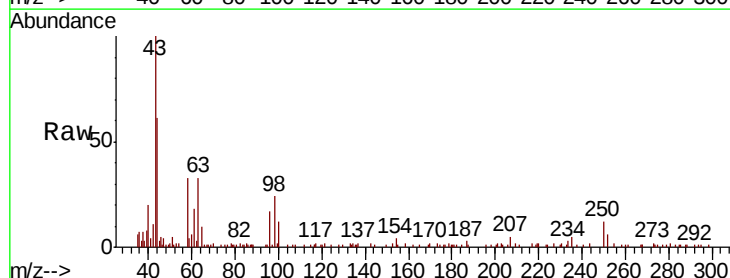
Acq: 11 Apr 2019 23:28

Tgt Ion: 43 Resp: 21279

Ion Ratio Lower Upper

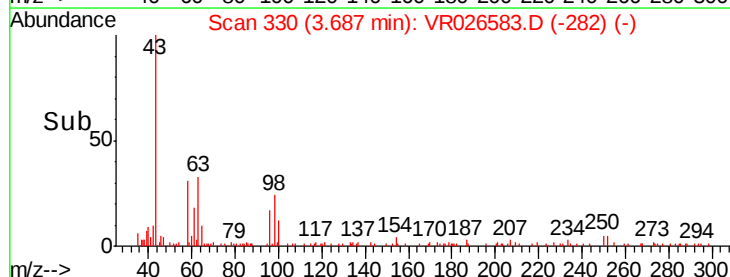
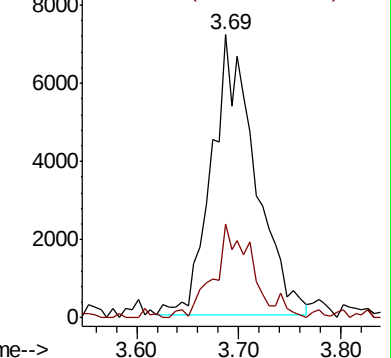
43 100

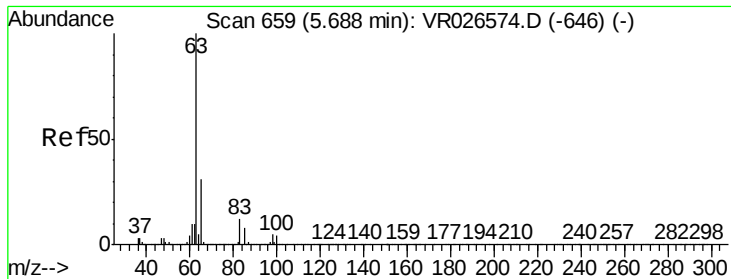
58 27.8 0.0 49.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

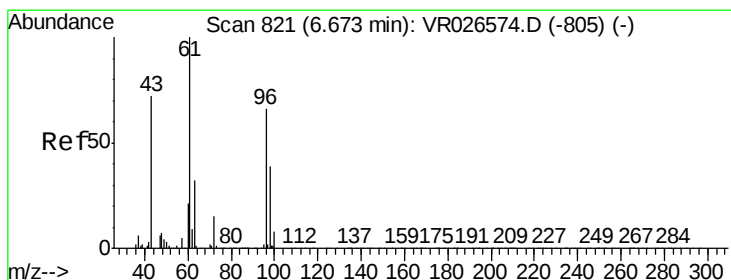
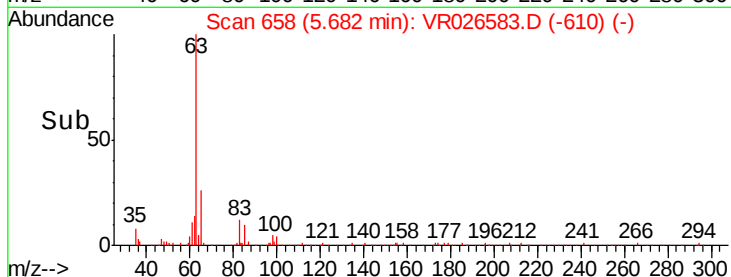
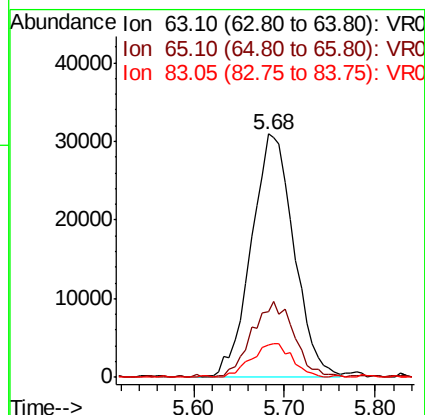
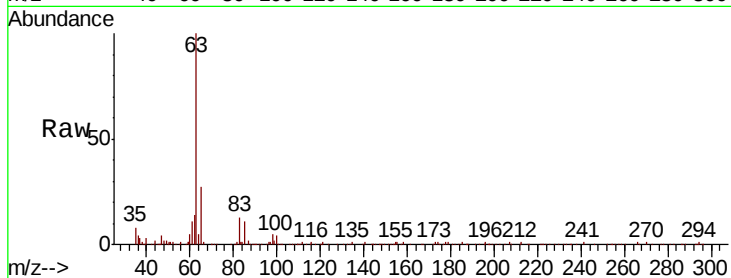




#19
 1,1-Dichloroethane
 Concen: 1.240 ug/L
 RT: 5.68 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VR026583.D
 Acq: 11 Apr 2019 23:28

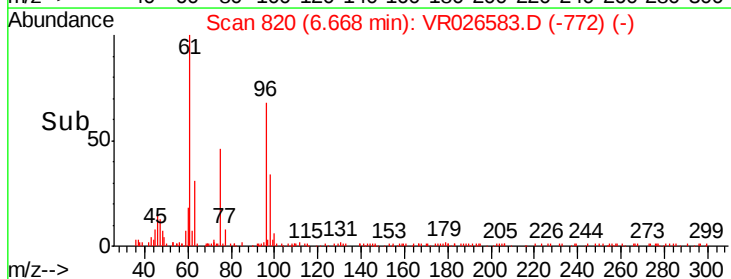
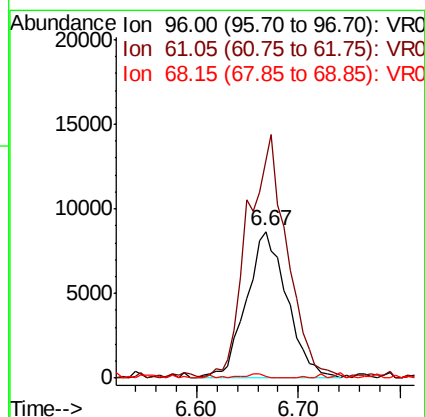
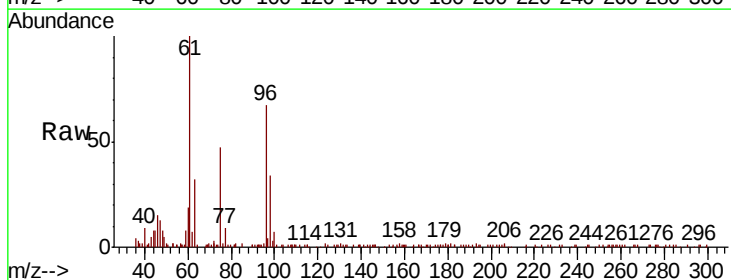
Instrument :
 MSVOA_R
 ClientSampleId :
 E3YC6

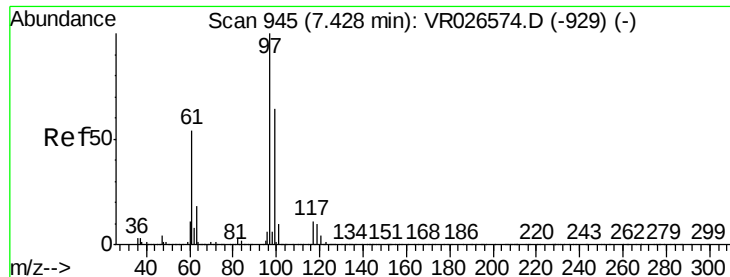
Tot Ion	Ratio	Lower	Upper
63	100		
65	26.8	21.9	40.7
83	13.2	8.9	16.5



#22
 cis-1,2-Dichloroethene
 Concen: 0.643 ug/L
 RT: 6.67 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: VR026583.D
 Acq: 11 Apr 2019 23:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.7	99.3	184.5
68	1.2	0.1	0.3

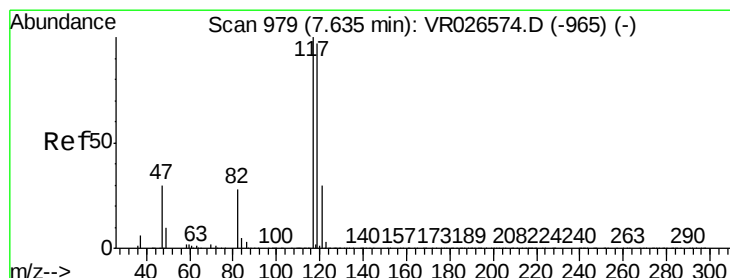
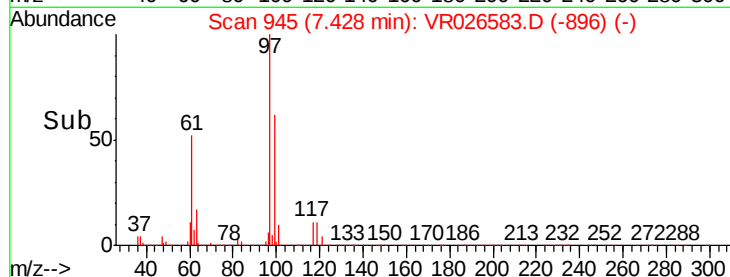
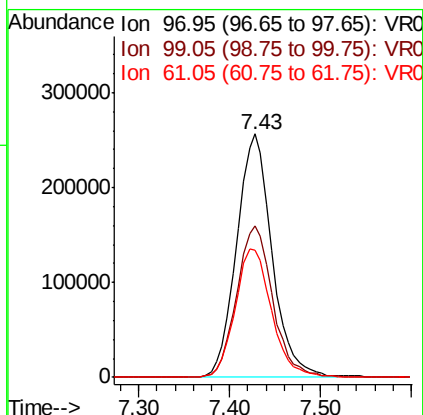
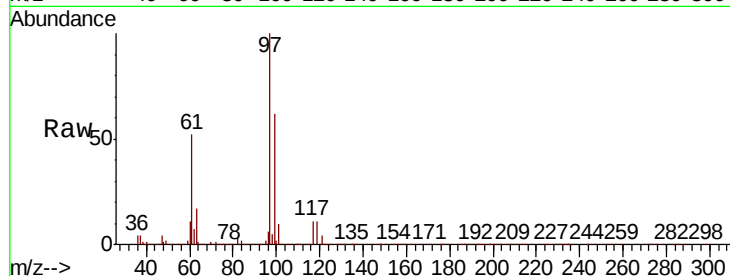




#29
 1,1,1-Trichloroethane
 Concen: 10.564 ug/L
 RT: 7.43 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: VR026583.D
 Acq: 11 Apr 2019 23:28

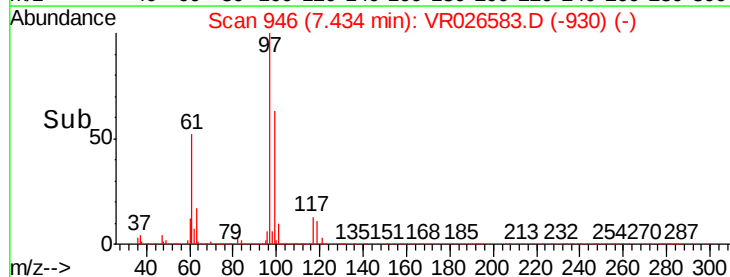
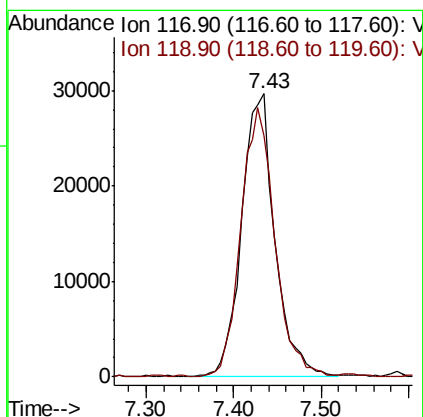
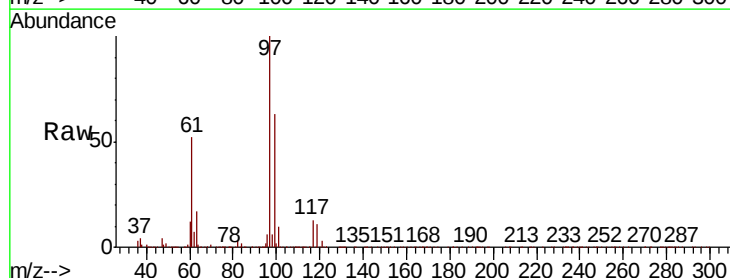
Instrument :
 MSVOA_R
 ClientSampleId :
 E3YC6

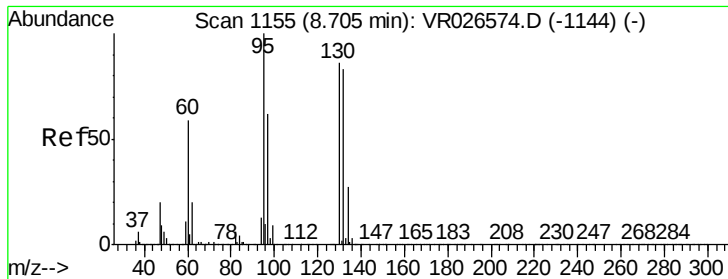
Tot Ion	Ratio	Lower	Upper
97	100		
99	63.5	52.0	78.0
61	54.4	44.5	66.7



#31
 Carbon tetrachloride
 Concen: 1.163 ug/L
 RT: 7.43 min Scan# 946
 Delta R.T. -0.20 min
 Lab File: VR026583.D
 Acq: 11 Apr 2019 23:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	77.9	116.9

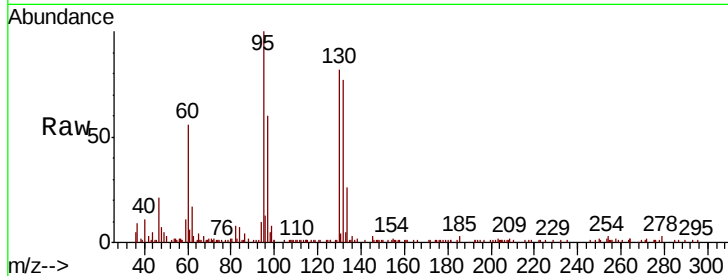




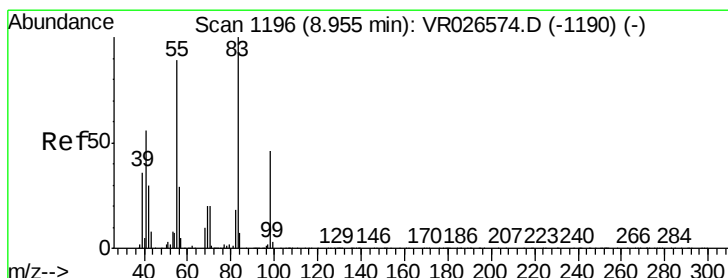
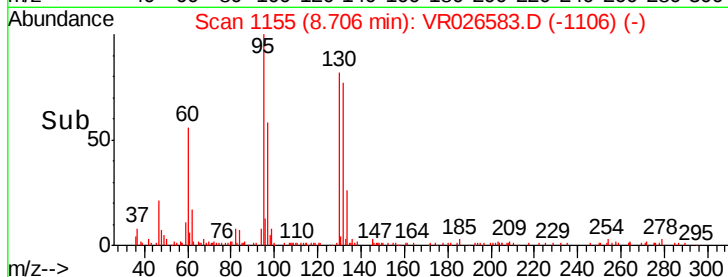
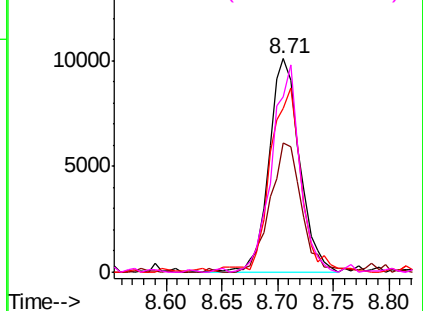
#34
 Trichloroethene
 Concen: 0.433 ug/L
 RT: 8.71 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VR026583.D
 Acq: 11 Apr 2019 23:28

Instrument :
 MSVOA_R
 ClientSampleId :
 E3YC6

Tot Ion:	95	Resp:	19347
Ion	Ratio	Lower	Upper
95	100		
97	60.5	39.1	72.7
132	76.8	57.6	107.0
130	82.4	60.1	111.5

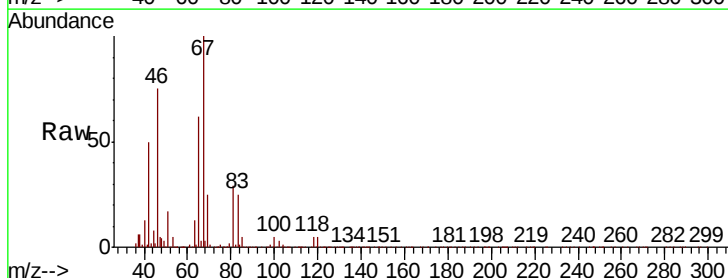


Abundance Ion 95.00 (94.70 to 95.70): VR0
 Ion 96.95 (96.65 to 97.65): VR0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

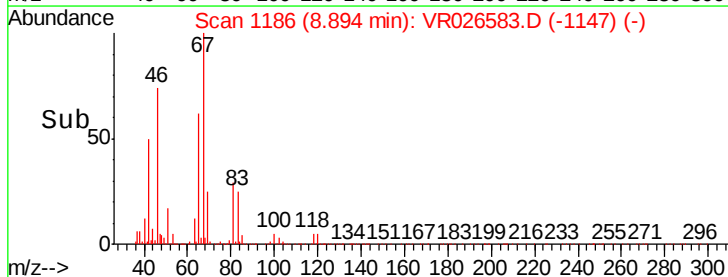
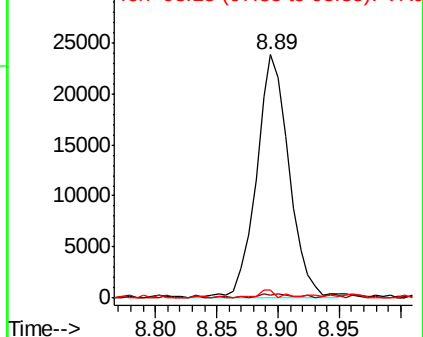


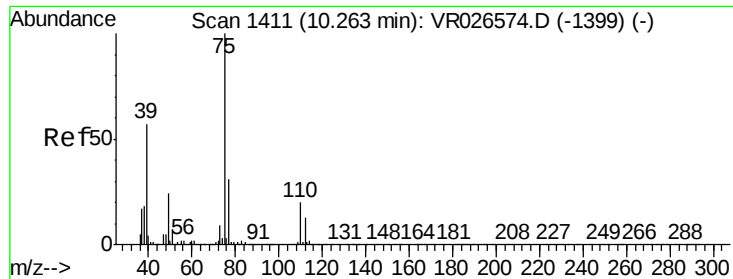
#35
 Methylcyclohexane
 Concen: 0.713 ug/L
 RT: 8.89 min Scan# 1186
 Delta R.T. -0.06 min
 Lab File: VR026583.D
 Acq: 11 Apr 2019 23:28

Tgt Ion:	83	Resp:	43747
Ion	Ratio	Lower	Upper
83	100		
55	1.5	70.7	106.1#
98	2.4	36.0	54.0#



Abundance Ion 83.15 (82.85 to 83.85): VR0
 Ion 55.10 (54.80 to 55.80): VR0
 Ion 98.15 (97.85 to 98.85): VR0

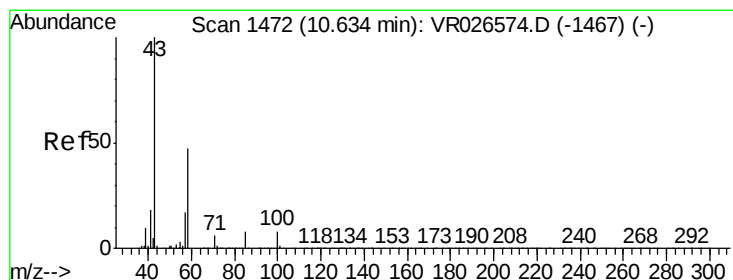
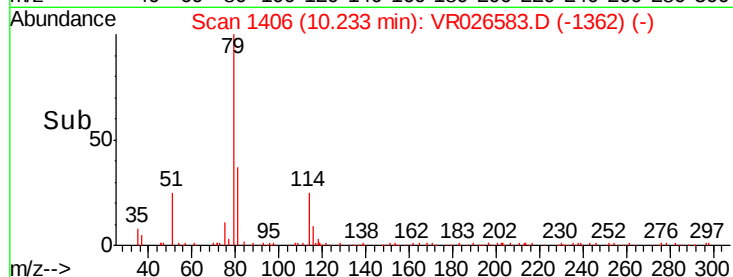
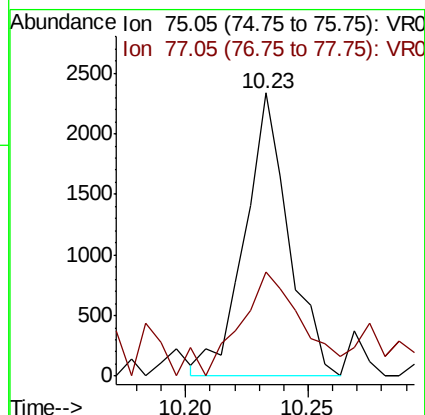
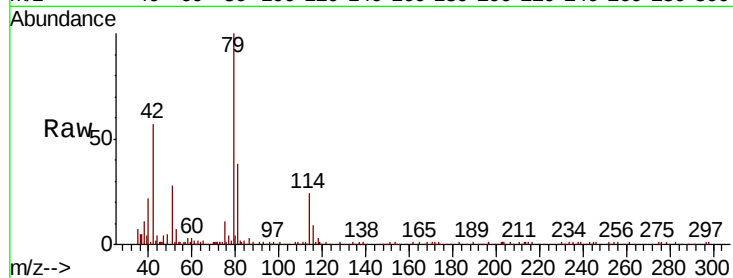




#44
trans-1,3-Dichloropropene
Concen: 0.107 ug/L
RT: 10.23 min Scan# 1406
Delta R.T. -0.03 min
Lab File: VR026583.D
Acq: 11 Apr 2019 23:28

Instrument :
MSVOA_R
ClientSampled :
E3YC6

Tot Ion: 75 Resp: 2907
Ion Ratio Lower Upper
75 100
77 36.9 21.6 40.2



#48
2-Hexanone
Concen: 3.281 ug/L
RT: 10.59 min Scan# 1464
Delta R.T. -0.05 min
Lab File: VR026583.D
Acq: 11 Apr 2019 23:28

Tgt Ion: 43 Resp: 24867
Ion Ratio Lower Upper
43 100
58 25.8 37.2 55.8#
57 34.1 13.4 20.0#
100 7.2 6.4 9.6

