

Data File : VR026298.D
Acq On : 24 Dec 2018 12:53
Operator : SY/MD
Sample : J6536-02DL 6X
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
BE809DL

Quant Time: Dec 24 22:53:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Dec 24 22:50:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	515386	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	430395	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	173920	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	169250	5.16	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.20%
7) Chloroethane-d5	2.62	69	176083	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.20%
11) 1,1-Dichloroethene-d2	3.60	63	342432	3.69	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	6.58	46	139621	47.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.88%
24) Chloroform-d	7.20	84	348287	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	7.89	65	133058	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	7.85	84	680125	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	8.89	67	175622	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	9.97	98	584884	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	10.24	79	39640	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	10.59	63	97566	50.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.40%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	71732	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	146088	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

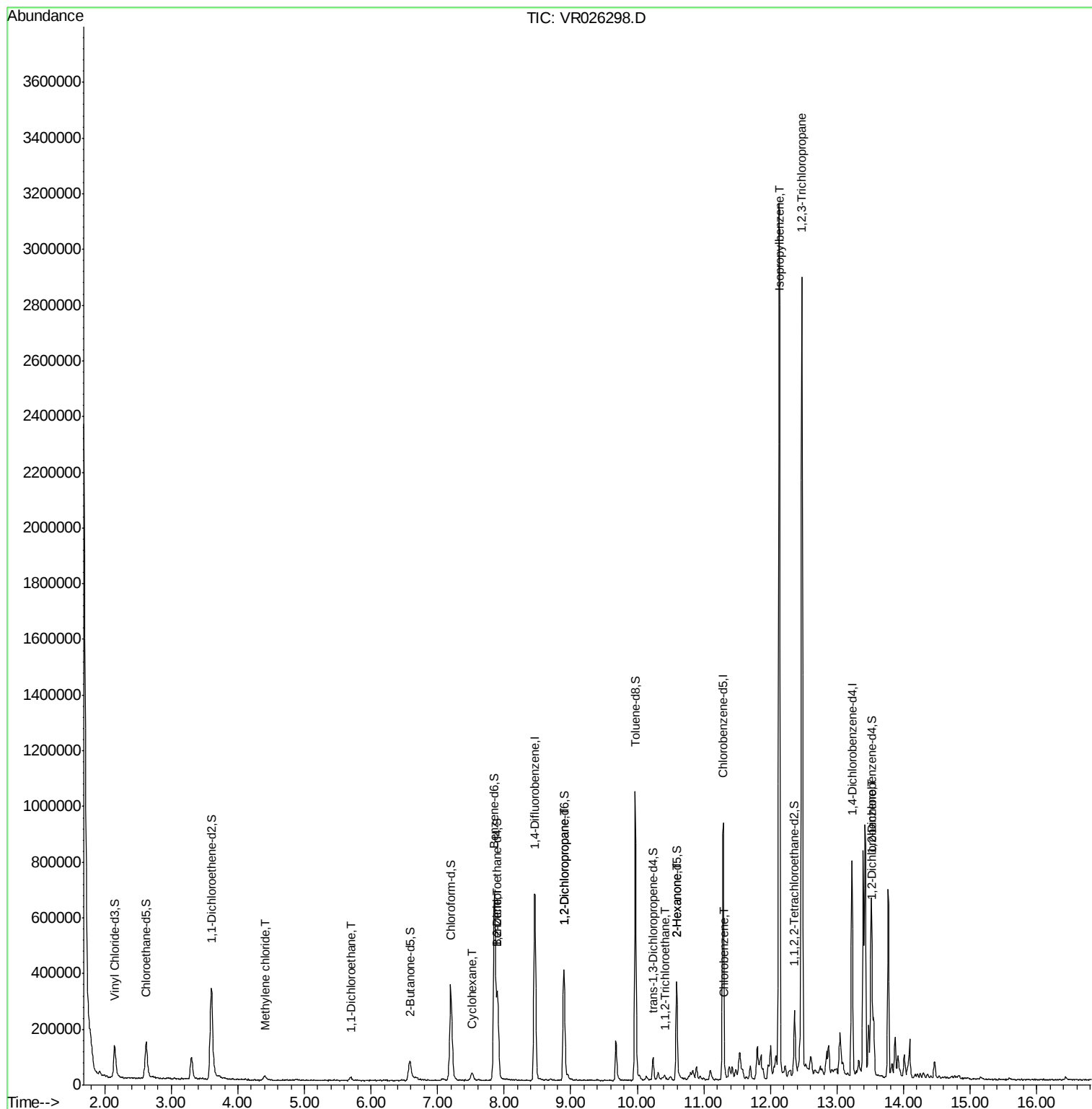
					Qvalue
16) Methylene chloride	4.40	84	11507	0.292 ug/L	93
19) 1,1-Dichloroethane	5.70	63	15180	0.203 ug/L	98
30) Cyclohexane	7.52	56	11118	0.178 ug/L	96
33) Benzene	7.90	78	173206	1.022 ug/L	100
37) 1,2-Dichloropropane	8.89	63	21434	0.618 ug/L #	89
45) 1,1,2-Trichloroethane	10.41	97	5170	0.359 ug/L #	27
48) 2-Hexanone	10.59	43	17665	3.282 ug/L #	65
51) Chlorobenzene	11.32	112	6236	0.064 ug/L	92
56) Isopropylbenzene	12.13	105	1699608	9.383 ug/L	99
59) 1,2,3-Trichloropropane	12.48	75	12799	1.298 ug/L #	1
65) 1,2-Dichlorobenzene	13.53	146	3976	0.086 ug/L #	83

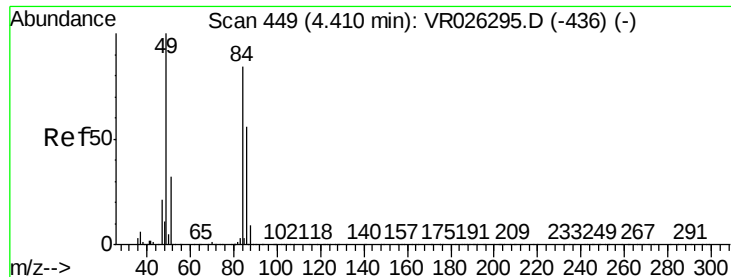
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VR026298.D
Acq On : 24 Dec 2018 12:53
Operator : SY/MD
Sample : J6536-02DL 6X
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
BE809DL

Quant Time: Dec 24 22:53:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Dec 24 22:50:14 2018
Response via : Initial Calibration

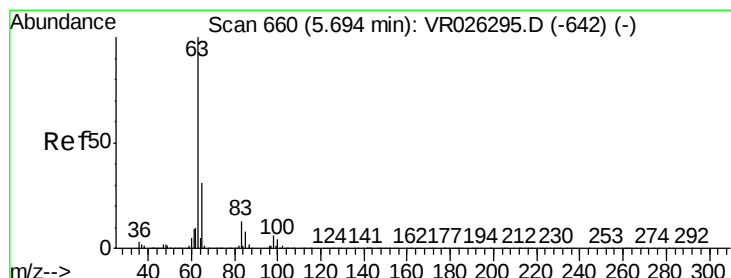
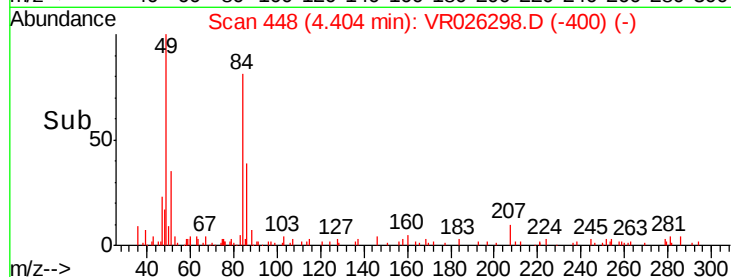
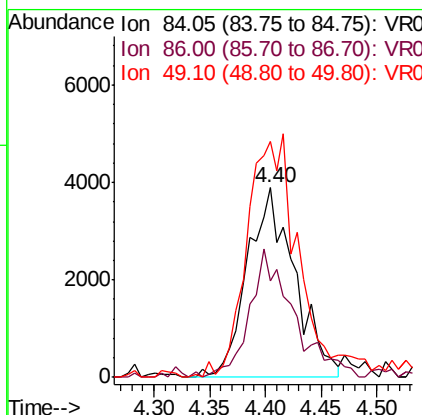
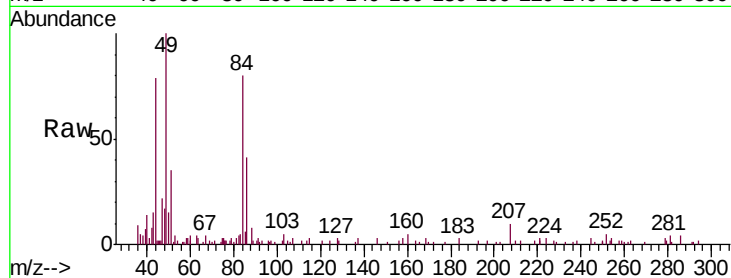




#16
Methylene chloride
Concen: 0.292 ug/L
RT: 4.40 min Scan# 448
Delta R.T. -0.01 min
Lab File: VR026298.D
Acq: 24 Dec 2018 12:53

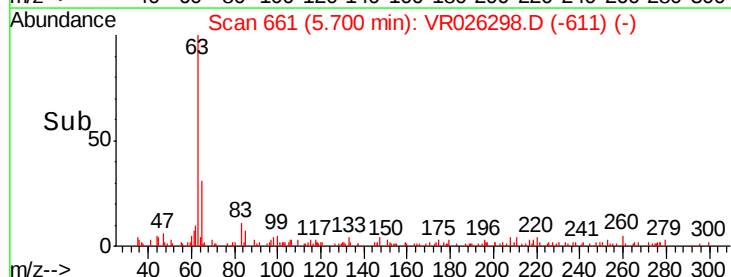
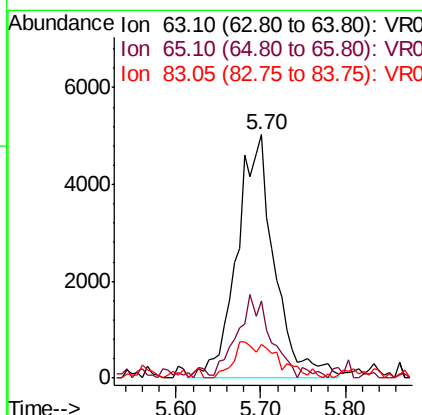
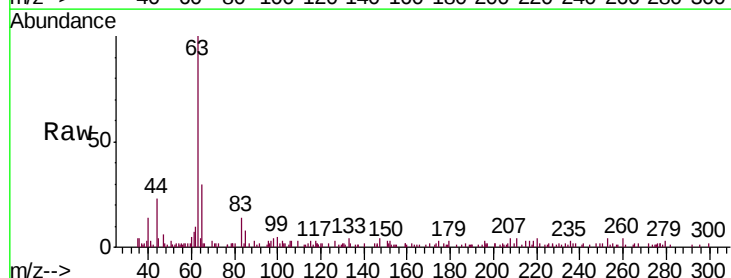
Instrument :
MSVOA_R
ClientSampleId :
BE809DL

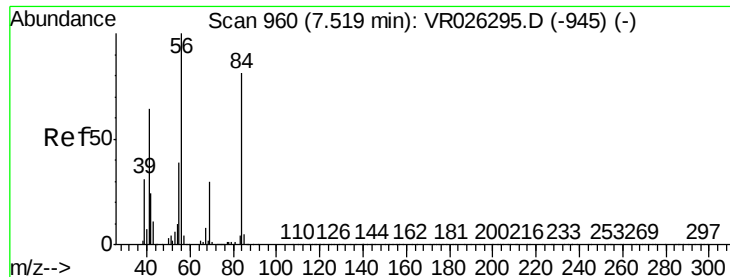
Tgt Ion: 84 Resp: 11507
Ion Ratio Lower Upper
84 100
86 50.7 45.8 85.0
49 124.7 88.7 164.7



#19
1,1-Dichloroethane
Concen: 0.203 ug/L
RT: 5.70 min Scan# 661
Delta R.T. 0.01 min
Lab File: VR026298.D
Acq: 24 Dec 2018 12:53

Tgt Ion: 63 Resp: 15180
Ion Ratio Lower Upper
63 100
65 31.9 21.6 40.0
83 13.9 9.0 16.8

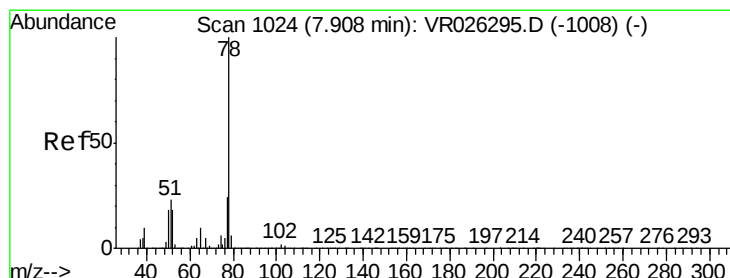
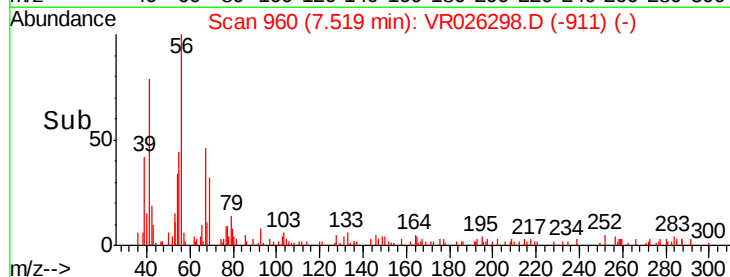
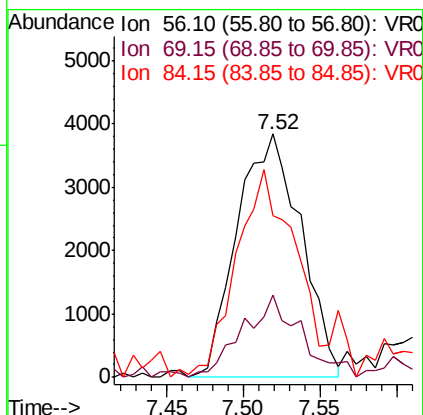
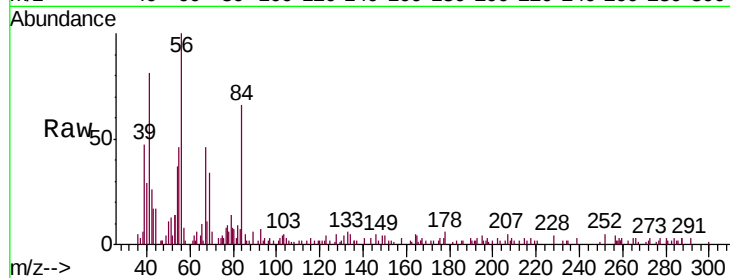




#30
Cyclohexane
Concen: 0.178 ug/L
RT: 7.52 min Scan# 960
Delta R.T. -0.00 min
Lab File: VR026298.D
Acq: 24 Dec 2018 12:53

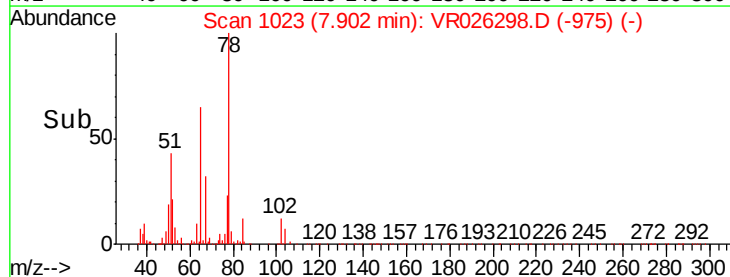
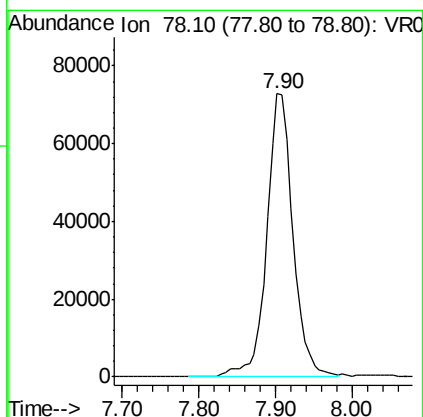
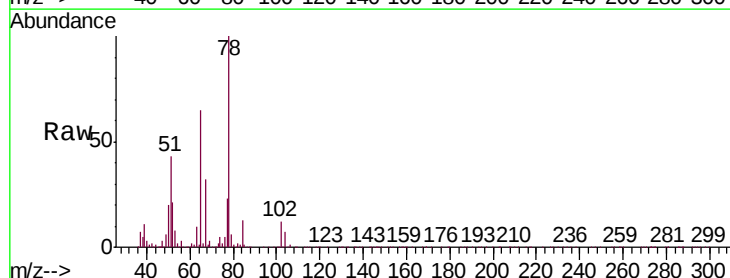
Instrument :
MSVOA_R
ClientSampleId :
BE809DL

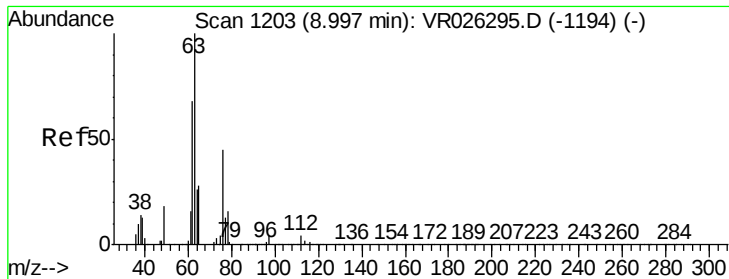
Tgt Ion: 56 Resp: 11118
Ion Ratio Lower Upper
56 100
69 30.8 24.0 36.0
84 76.4 64.5 96.7



#33
Benzene
Concen: 1.022 ug/L
RT: 7.90 min Scan# 1023
Delta R.T. -0.01 min
Lab File: VR026298.D
Acq: 24 Dec 2018 12:53

Tgt Ion: 78 Resp: 173206

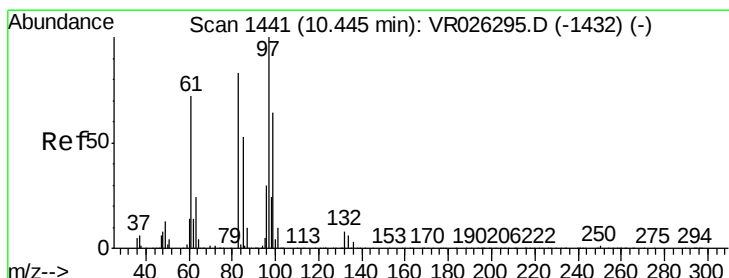
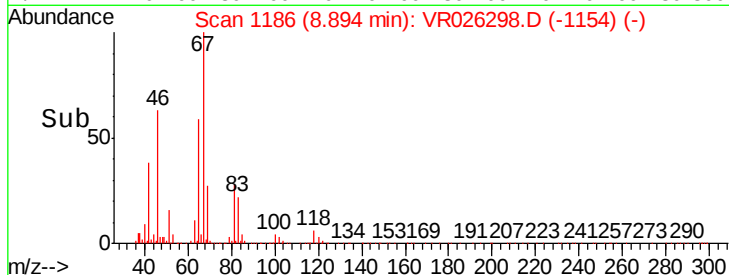
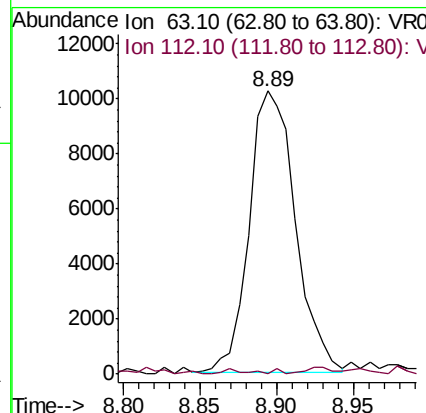
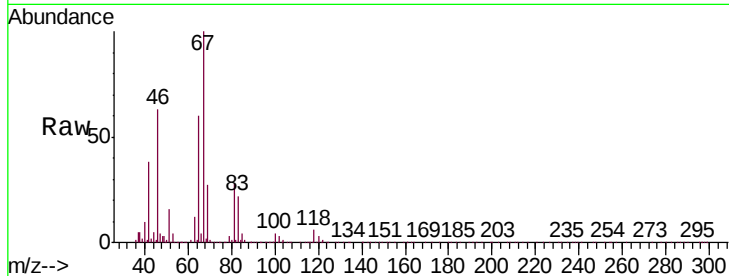




#37
 1,2-Dichloropropane
 Concen: 0.618 ug/L
 RT: 8.89 min Scan# 1186
 Delta R.T. -0.10 min
 Lab File: VR026298.D
 Acq: 24 Dec 2018 12:53

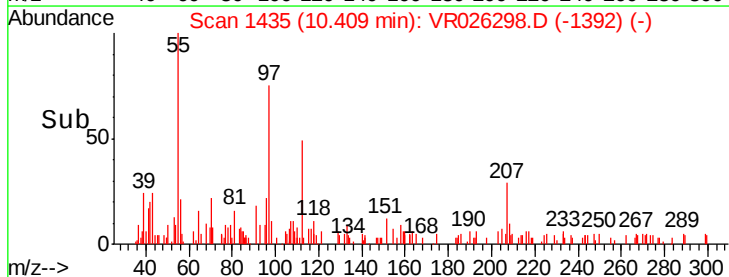
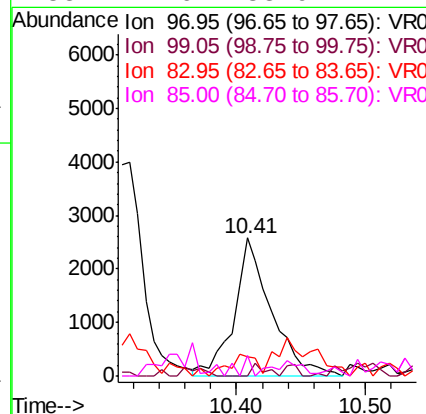
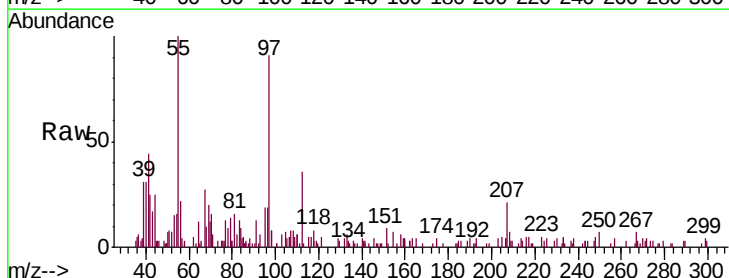
Instrument :
 MSVOA_R
 ClientSampleId :
 BE809DL

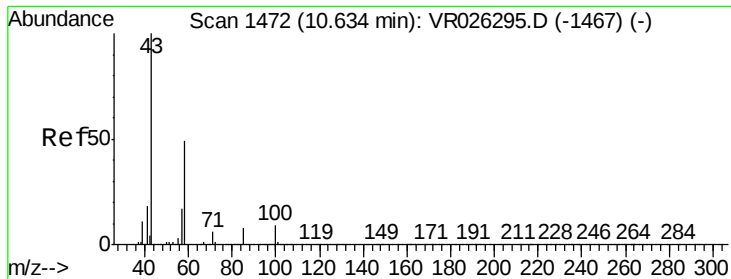
Tgt Ion: 63 Resp: 21434
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.0 4.6#



#45
 1,1,2-Trichloroethane
 Concen: 0.359 ug/L
 RT: 10.41 min Scan# 1435
 Delta R.T. -0.04 min
 Lab File: VR026298.D
 Acq: 24 Dec 2018 12:53

Tgt Ion: 97 Resp: 5170
 Ion Ratio Lower Upper
 97 100
 99 0.0 45.0 83.6#
 83 14.0 57.9 107.5#
 85 14.6 38.9 72.2#

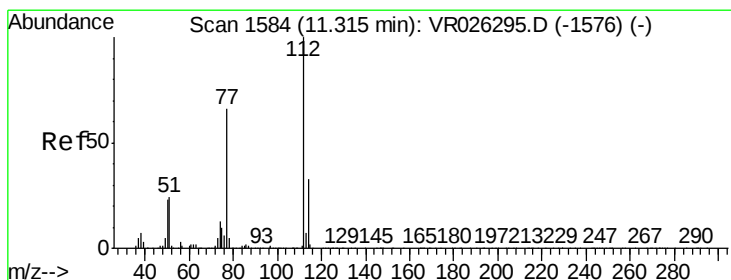
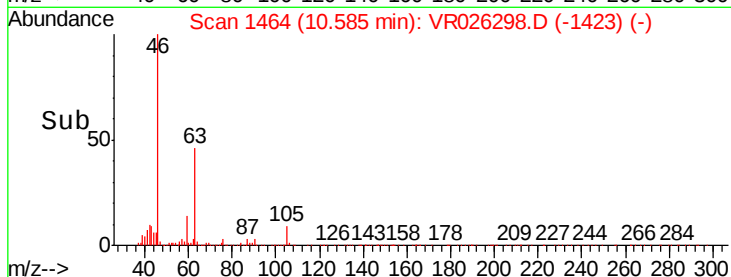
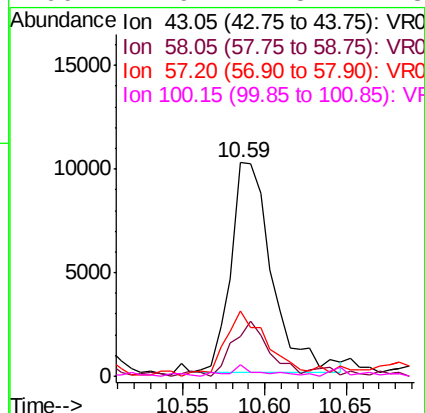
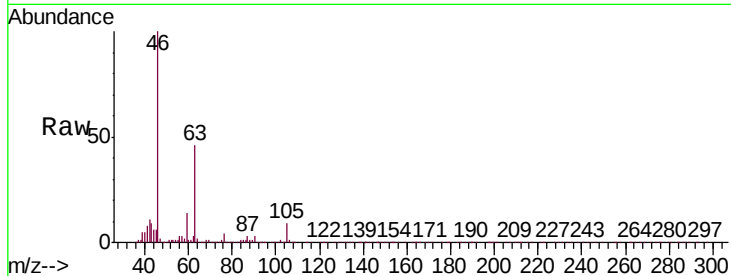




#48
2-Hexanone
Concen: 3.282 ug/L
RT: 10.59 min Scan# 1464
Delta R.T. -0.05 min
Lab File: VR026298.D
Acq: 24 Dec 2018 12:53

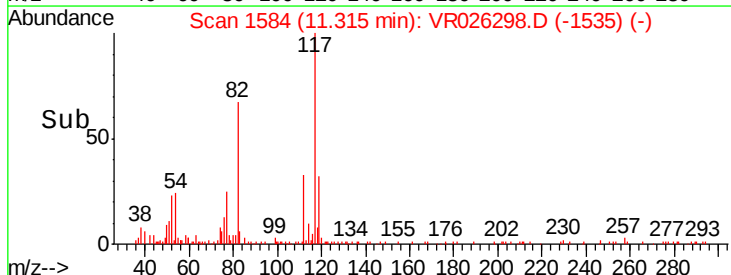
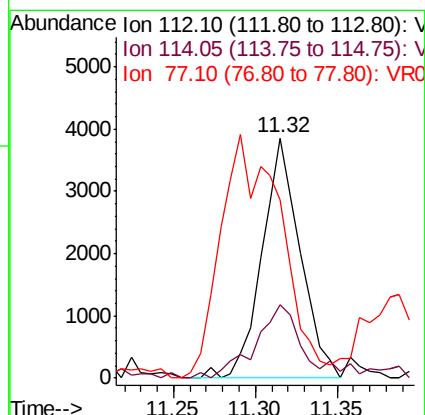
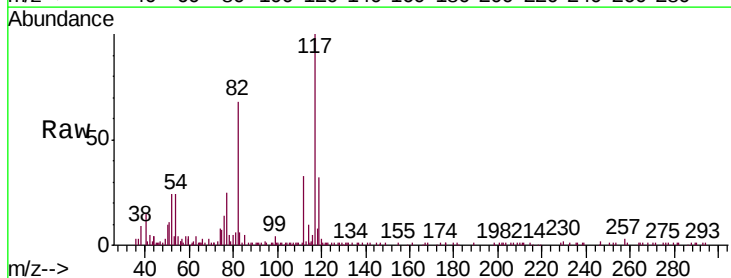
Instrument :
MSVOA_R
ClientSampleId :
BE809DL

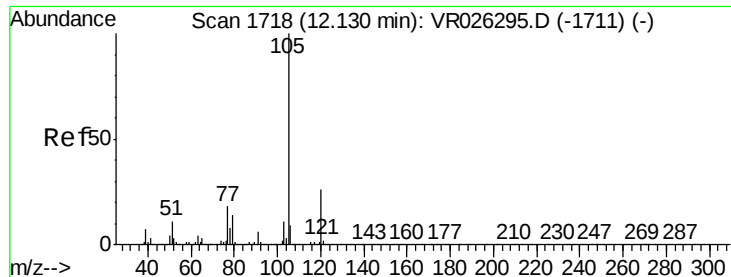
Tgt Ion:	43	Resp:	17665
Ion	Ratio	Lower	Upper
43	100		
58	23.1	40.5	60.7#
57	32.1	14.2	21.4#
100	2.9	7.5	11.3#



#51
Chlorobenzene
Concen: 0.064 ug/L
RT: 11.32 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VR026298.D
Acq: 24 Dec 2018 12:53

Tgt Ion:	112	Resp:	6236
Ion	Ratio	Lower	Upper
112	100		
114	28.7	21.7	40.3
77	69.9	49.4	74.2





#56

Isopropylbenzene

Concen: 9.383 ug/L

RT: 12.13 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VR026298.D

Acq: 24 Dec 2018 12:53

Instrument :

MSVOA_R

ClientSampleID :

BE809DL

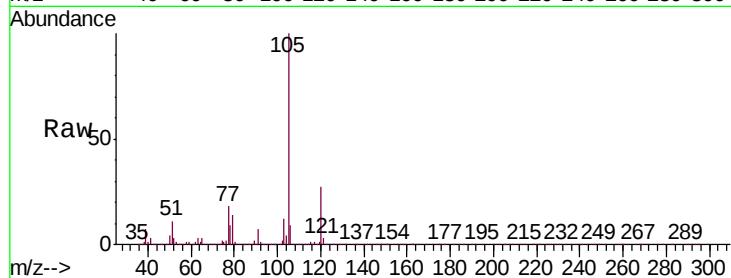
Tgt Ion:105 Resp: 1699608

Ion Ratio Lower Upper

105 100

120 25.9 21.2 31.8

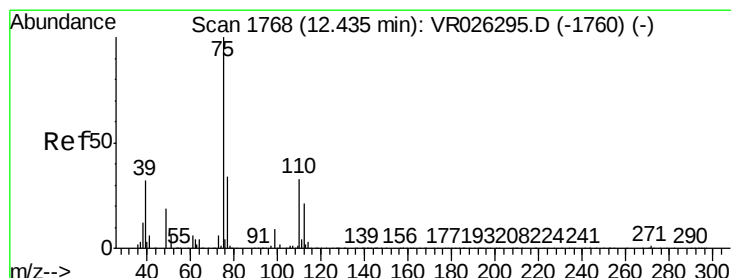
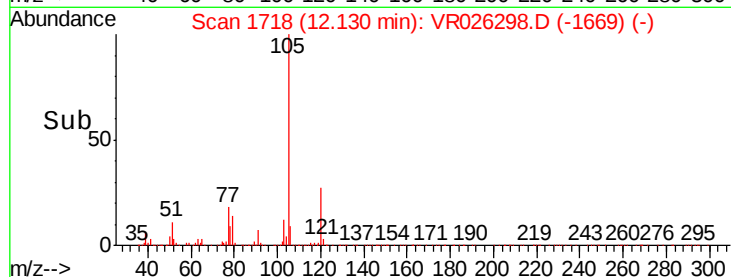
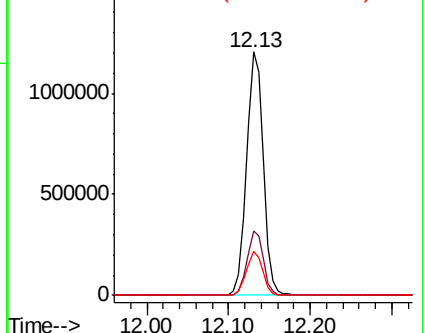
77 17.4 13.6 20.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VR0



#59

1,2,3-Trichloropropane

Concen: 1.298 ug/L

RT: 12.48 min Scan# 1775

Delta R.T. 0.04 min

Lab File: VR026298.D

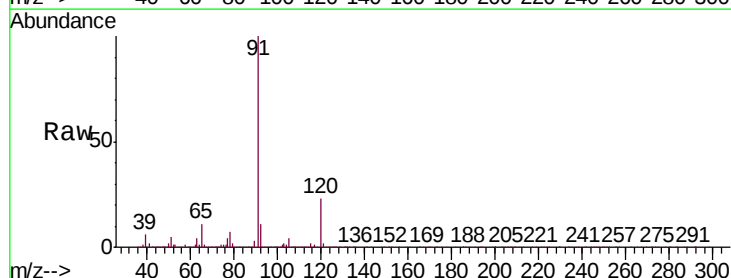
Acq: 24 Dec 2018 12:53

Tgt Ion: 75 Resp: 12799

Ion Ratio Lower Upper

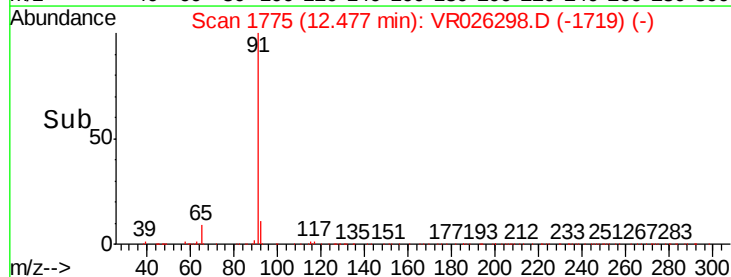
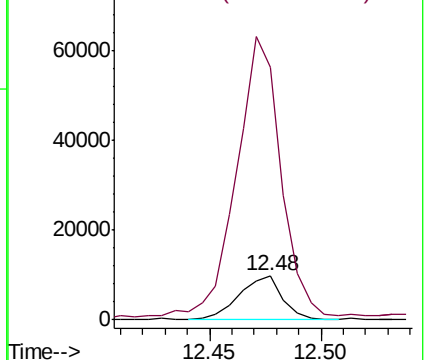
75 100

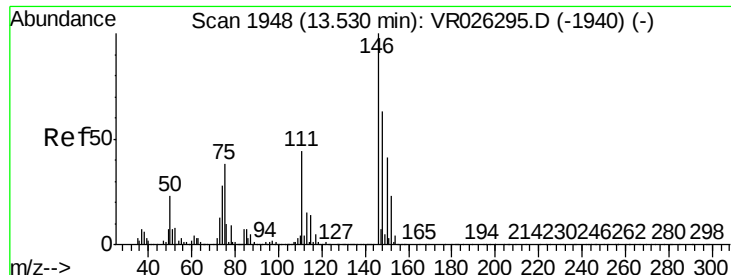
77 694.7 27.0 40.6#



Abundance Ion 75.00 (74.70 to 75.70): VR0

Ion 77.00 (76.70 to 77.70): VR0

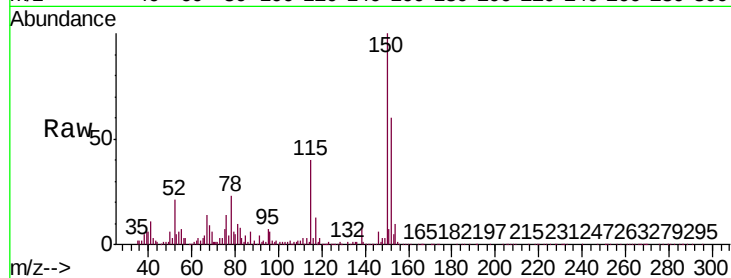




#65
 1,2-Dichlorobenzene
 Concen: 0.086 ug/L
 RT: 13.53 min Scan# 1948
 Delta R.T. -0.00 min
 Lab File: VR026298.D
 Acq: 24 Dec 2018 12:53

Instrument :
 MSVOA_R
 ClientSampleId :
 BE809DL

Tgt Ion	Ratio	Lower	Upper
146	100		
111	48.6	34.6	52.0
148	45.4	51.0	76.6



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

