

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040919\
 Data File : VR026551.D
 Acq On : 10 Apr 2019 11:17
 Operator : SY/MD
 Sample : K2285-12DL 4X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 BEZD0DL

Quant Time: Apr 11 03:10:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 11 03:05:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	622868	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	512323	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	147976	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	177869	3.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.20%
7) Chloroethane-d5	2.62	69	158574	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.40%
11) 1,1-Dichloroethene-d2	3.59	63	383073	3.13	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	6.58	46	222816	52.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.62%
24) Chloroform-d	7.20	84	391054	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	7.89	65	171215	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	7.85	84	737354	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	8.89	67	194144	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	9.97	98	657687	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	10.23	79	41053	3.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.00%
46) 2-Hexanone-d5	10.59	63	162341	53.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.64%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	72588	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	134979	6.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.40%#

Target Compounds

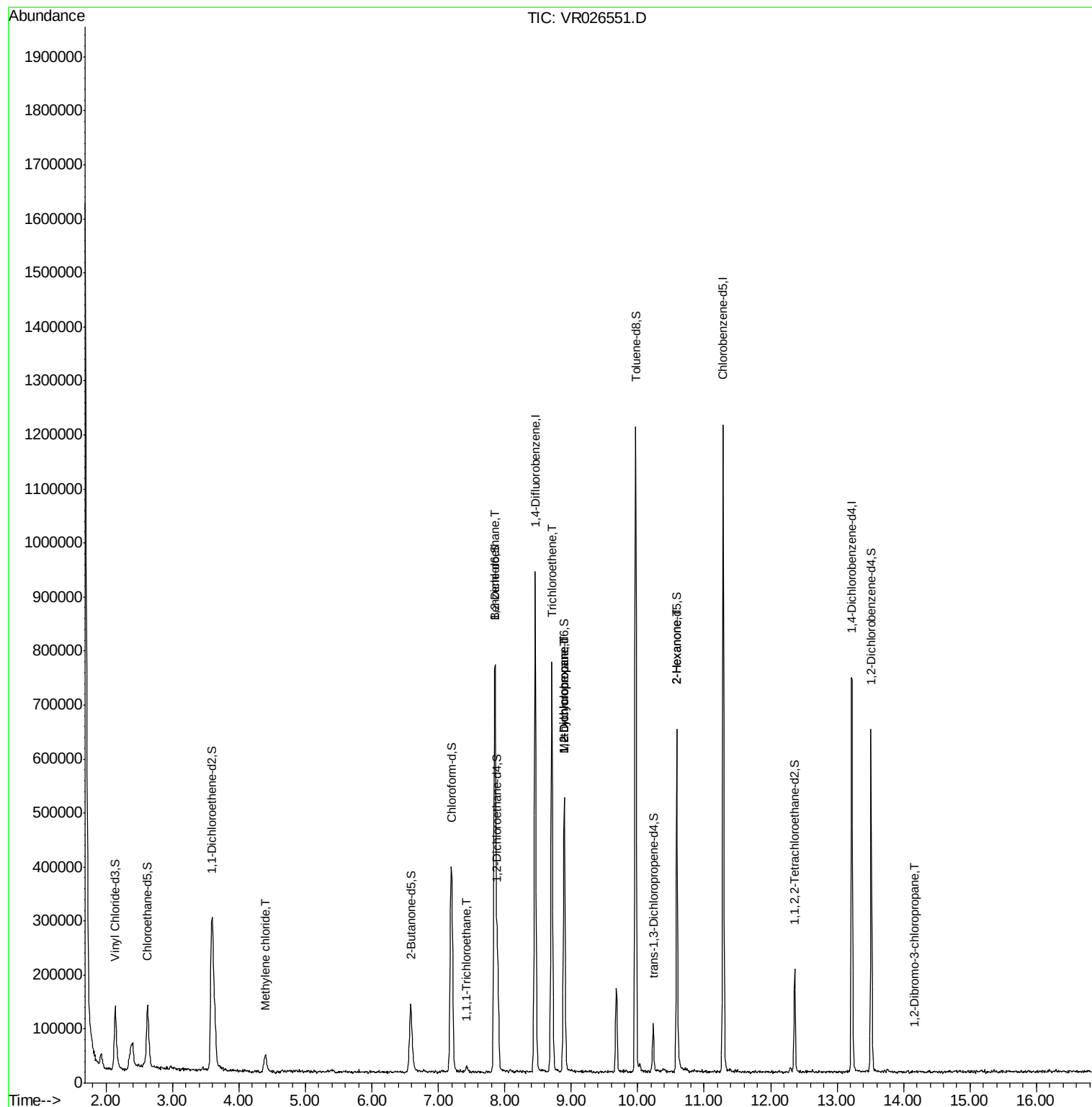
					Ovalue
16) Methylene chloride	4.40	84	21425	0.436 ug/L	83
27) 1,2-Dichloroethane	7.85	62	6373	0.138 ug/L	98
29) 1,1,1-Trichloroethane	7.43	97	8035	0.095 ug/L	96
34) Trichloroethene	8.71	95	245476	4.577 ug/L	93
35) Methylcyclohexane	8.89	83	50013	0.654 ug/L #	14
37) 1,2-Dichloropropane	8.90	63	26429	0.602 ug/L #	95
48) 2-Hexanone	10.59	43	25706	3.006 ug/L #	70
66) 1,2-Dibromo-3-chloropropan	14.16	75	374	0.247 ug/L #	18

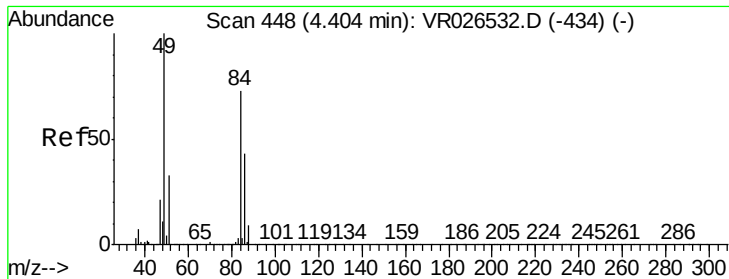
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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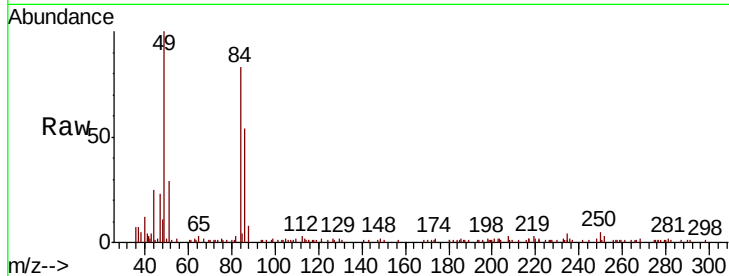




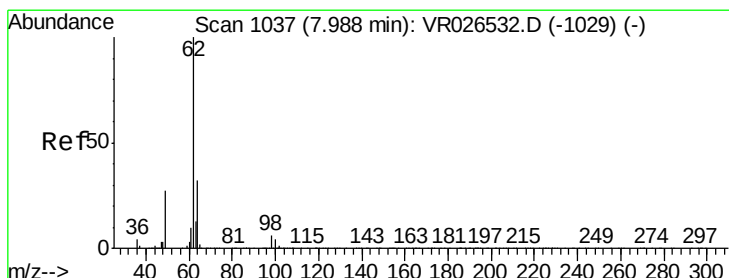
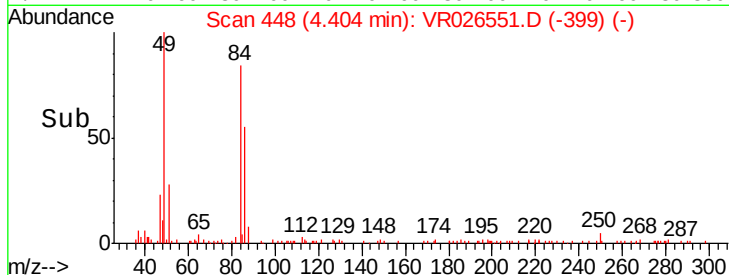
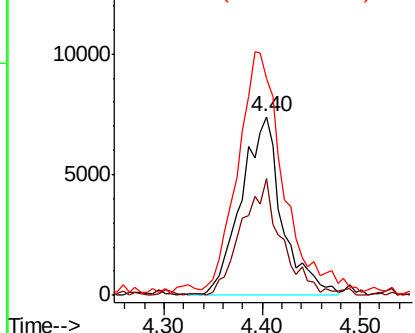
#16
Methylene chloride
Concen: 0.436 ug/L
RT: 4.40 min Scan# 448
Delta R.T. -0.00 min
Lab File: VR026551.D
Acq: 10 Apr 2019 11:17

Instrument :
MSVOA_R
ClientSampled :
BEZD0DL

Tot Ion: 84 Resp: 21425
Ion Ratio Lower Upper
84 100
86 65.0 45.6 84.6
49 121.1 106.5 197.9

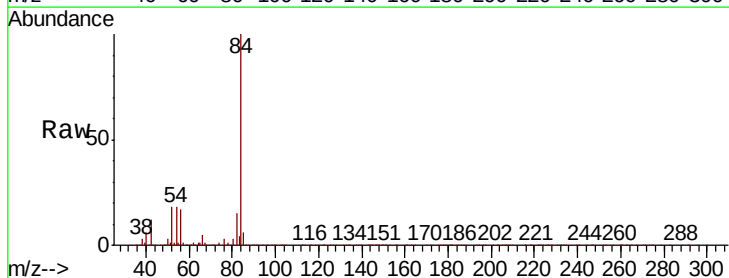


Abundance Ion 84.05 (83.75 to 84.75): VR0
Ion 86.00 (85.70 to 86.70): VR0
Ion 49.10 (48.80 to 49.80): VR0

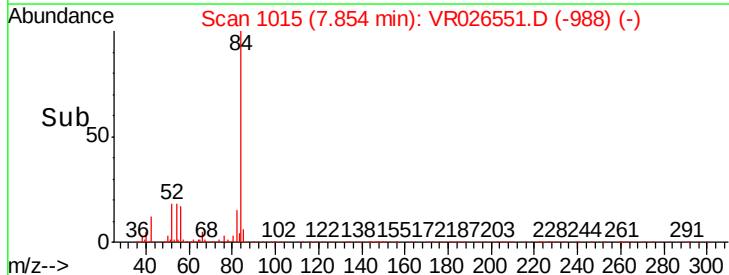
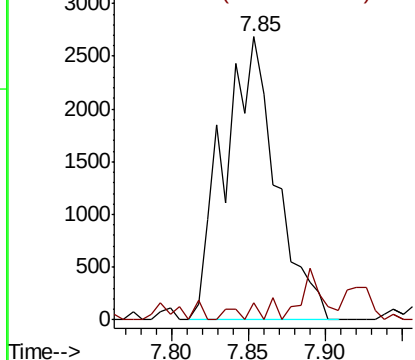


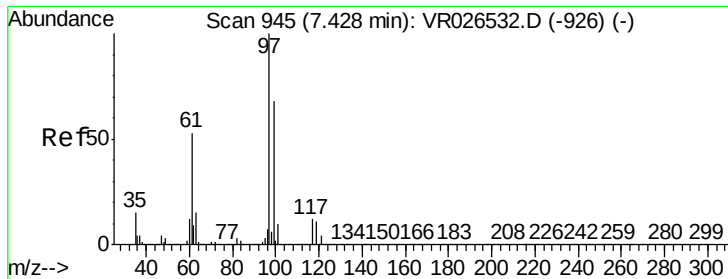
#27
1,2-Dichloroethane
Concen: 0.138 ug/L
RT: 7.85 min Scan# 1015
Delta R.T. -0.13 min
Lab File: VR026551.D
Acq: 10 Apr 2019 11:17

Tgt Ion: 62 Resp: 6373
Ion Ratio Lower Upper
62 100
98 5.3 4.8 7.2



Abundance Ion 62.00 (61.70 to 62.70): VR0
Ion 98.05 (97.75 to 98.75): VR0

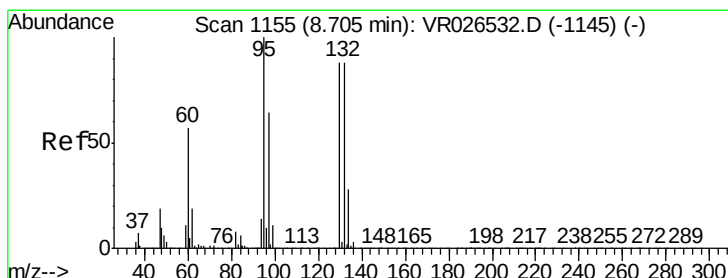
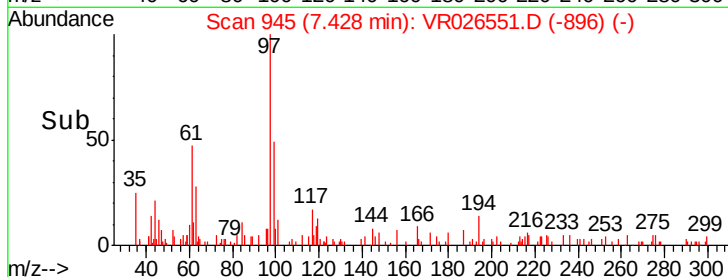
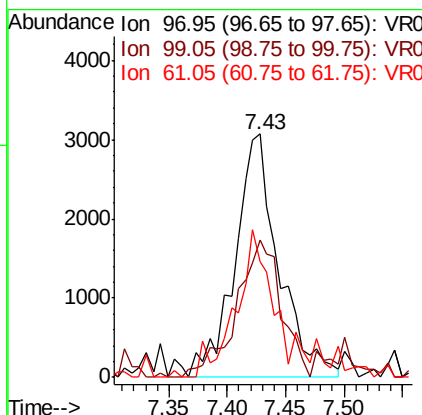
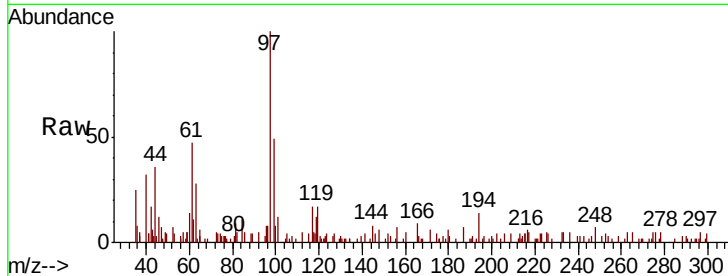




#29
1,1,1-Trichloroethane
Concen: 0.095 ug/L
RT: 7.43 min Scan# 945
Delta R.T. -0.00 min
Lab File: VR026551.D
Acq: 10 Apr 2019 11:17

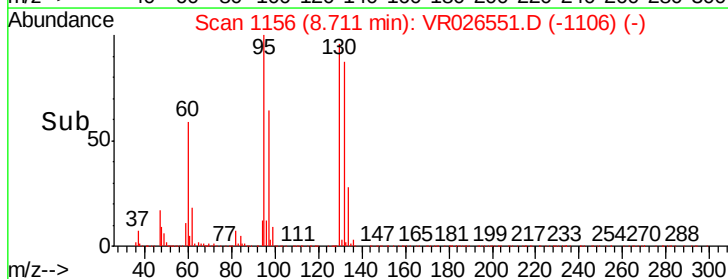
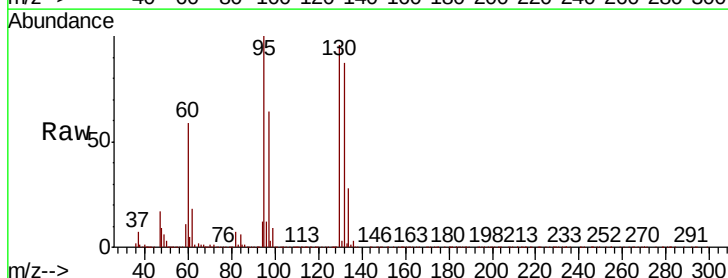
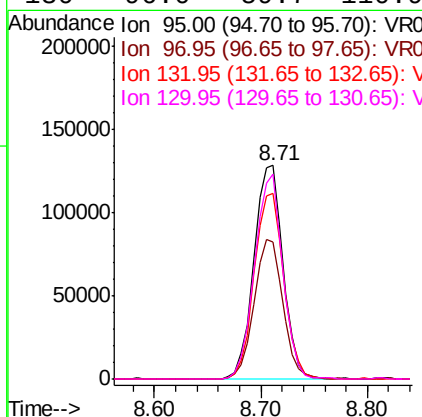
Instrument :
MSVOA_R
ClientSampleId :
BEZD0DL

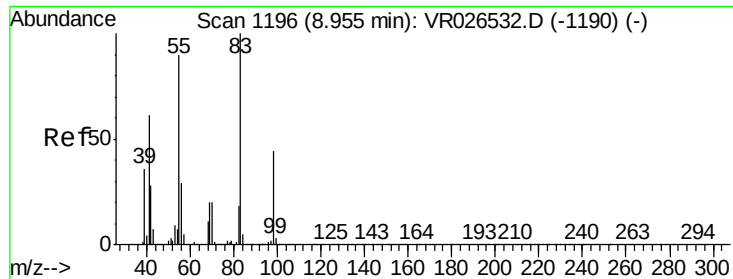
Tot Ion	Ratio	Lower	Upper
97	100		
99	57.8	49.6	74.4
61	53.6	41.8	62.6



#34
Trichloroethene
Concen: 4.577 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. 0.01 min
Lab File: VR026551.D
Acq: 10 Apr 2019 11:17

Tgt Ion	Ratio	Lower	Upper
95	100		
97	64.4	43.8	81.3
132	86.7	57.2	106.2
130	96.0	59.7	110.9

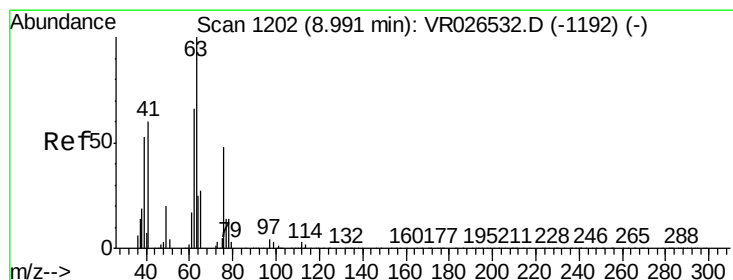
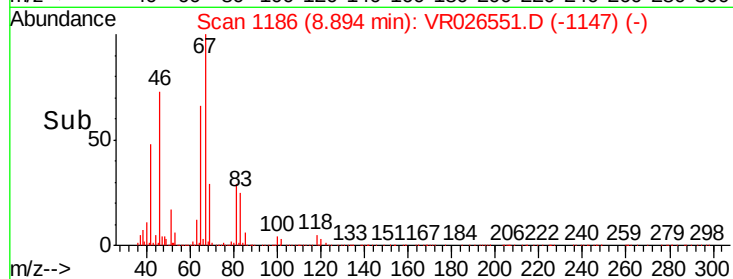
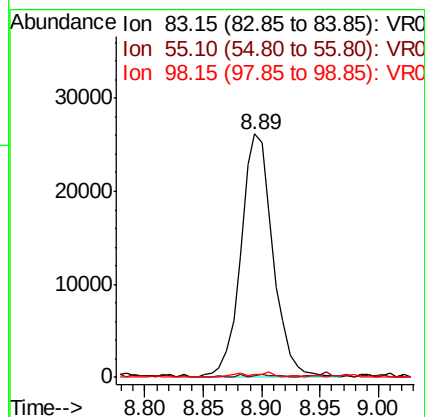
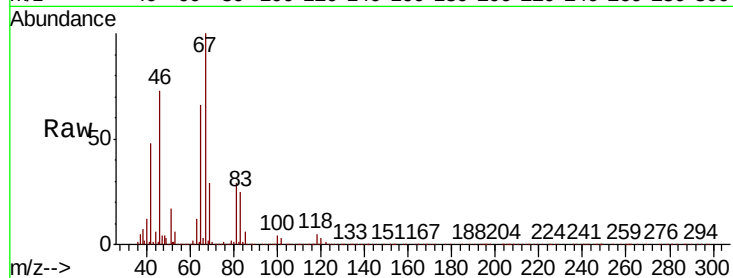




#35
Methylcyclohexane
Concen: 0.654 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026551.D
Acq: 10 Apr 2019 11:17

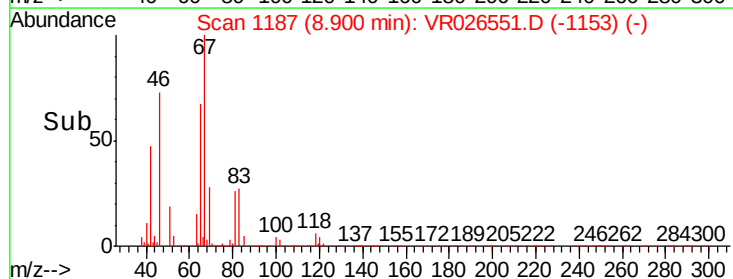
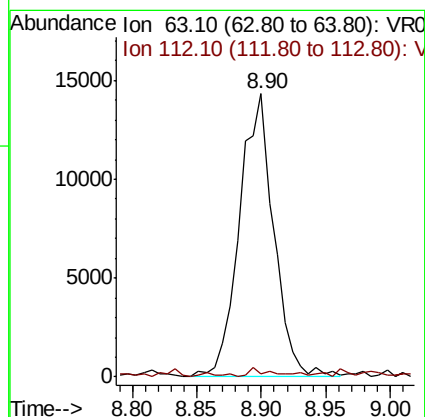
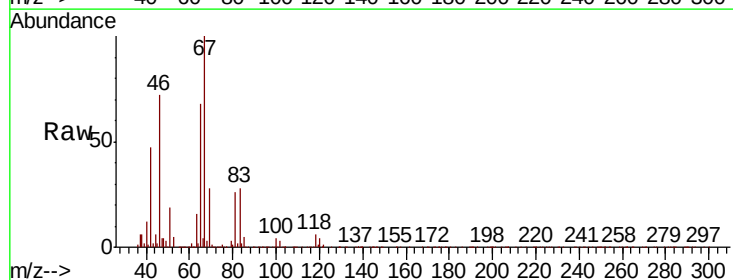
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BEZD0DL

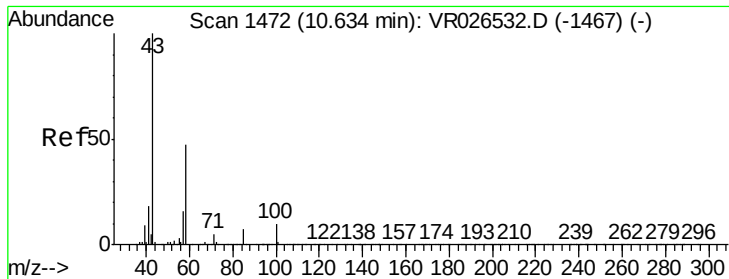
Tot Ion: 83 Resp: 50013
Ion Ratio Lower Upper
83 100
55 0.8 73.8 110.6#
98 1.1 34.6 51.8#



#37
1,2-Dichloropropane
Concen: 0.602 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.09 min
Lab File: VR026551.D
Acq: 10 Apr 2019 11:17

Tgt Ion: 63 Resp: 26429
Ion Ratio Lower Upper
63 100
112 1.8 2.8 4.2#

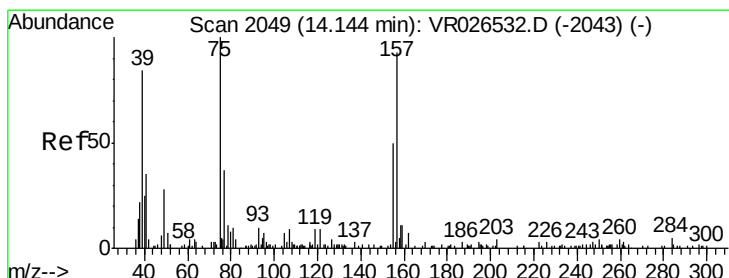
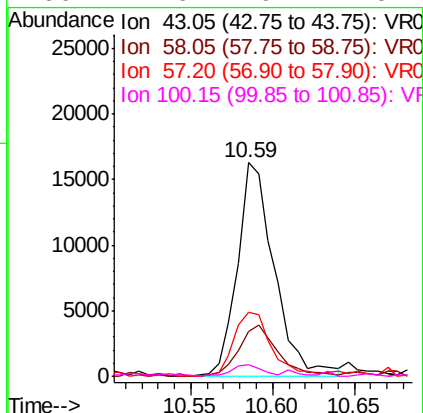
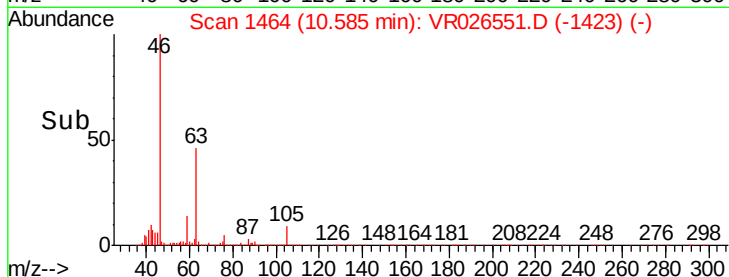
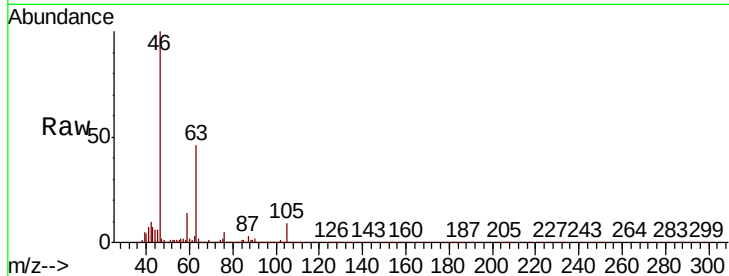




#48
2-Hexanone
Concen: 3.006 ug/L
RT: 10.59 min Scan# 1464
Delta R.T. -0.05 min
Lab File: VR026551.D
Acq: 10 Apr 2019 11:17

Instrument :
MSVOA_R
ClientSampled :
BEZD0DL

Tot Ion: 43 Resp: 25706
Ion Ratio Lower Upper
43 100
58 25.0 38.2 57.2#
57 30.2 13.8 20.6#
100 4.6 6.2 9.2#



#66
1,2-Dibromo-3-chloropropane
Concen: 0.247 ug/L
RT: 14.16 min Scan# 2052
Delta R.T. 0.02 min
Lab File: VR026551.D
Acq: 10 Apr 2019 11:17

Tgt Ion: 75 Resp: 374
Ion Ratio Lower Upper
75 100
155 0.0 36.1 54.1#
157 0.0 62.4 93.6#

