

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR021519\
 Data File : VR026327.D
 Acq On : 15 Feb 2019 13:32
 Operator : SY/MD
 Sample : K1488-20
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESXF7

Quant Time: Feb 16 03:35:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Feb 16 03:20:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	583222	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	451173	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	128527	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	214933	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	2.63	69	182300	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	3.60	63	408779	3.20	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	6.59	46	155275	45.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.58%
24) Chloroform-d	7.20	84	340583	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.20%
26) 1,2-Dichloroethane-d4	7.89	65	130195	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
32) Benzene-d6	7.85	84	721200	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	8.89	67	174991	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	9.97	98	626289	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	10.24	79	39953	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
46) 2-Hexanone-d5	10.59	63	115622	47.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.84%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	56514	3.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	111077	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

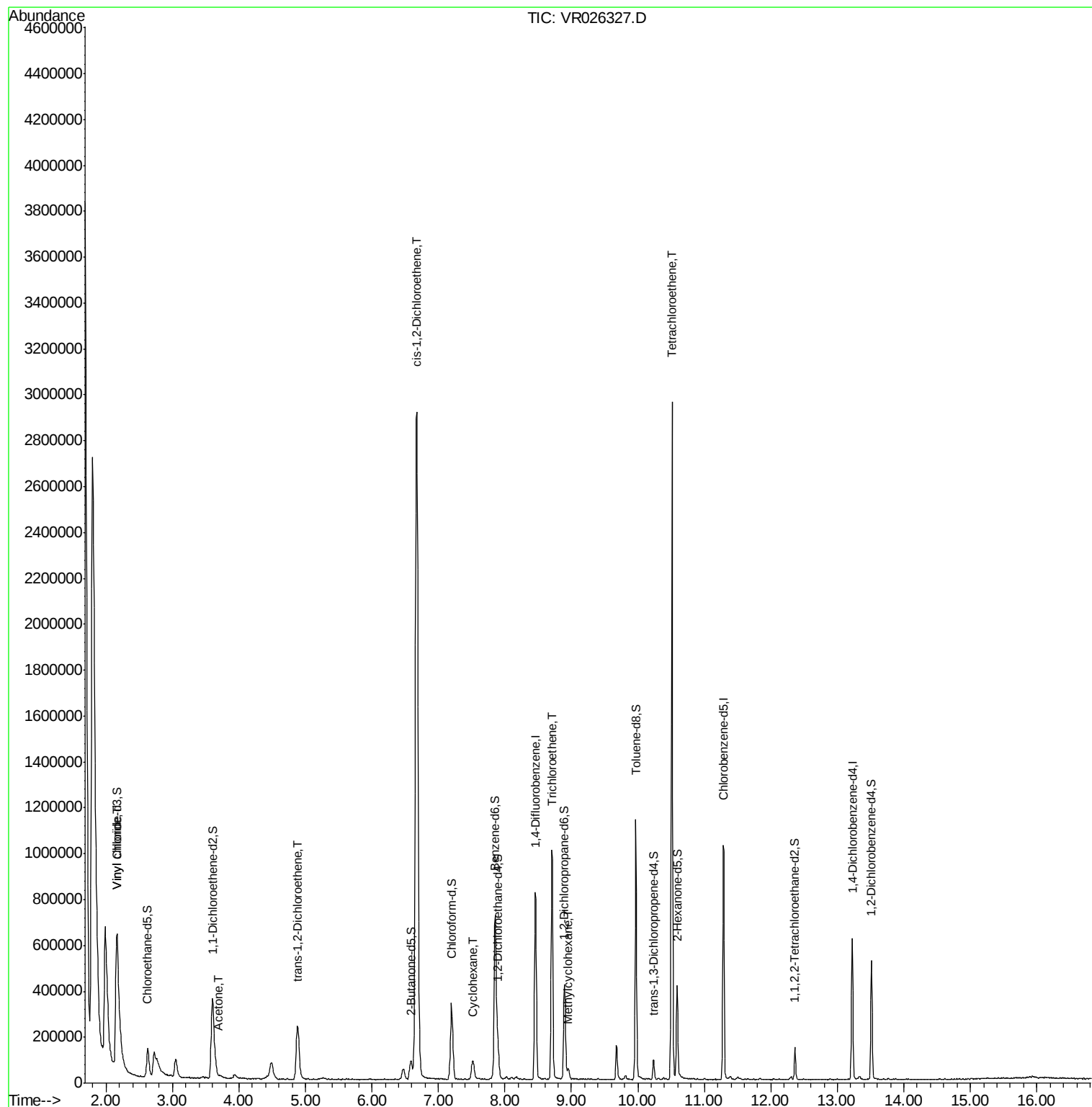
					Ovalue
5) Vinyl chloride	2.17	62	295851	4.786	ug/L 98
13) Acetone	3.69	43	8869	2.480	ug/L 67
18) trans-1,2-Dichloroethene	4.89	96	132888	2.628	ug/L 94
22) cis-1,2-Dichloroethene	6.67	96	1737373	42.591	ug/L # 94
30) Cyclohexane	7.51	56	39665	0.667	ug/L 98
34) Trichloroethene	8.71	95	322054	6.997	ug/L 99
35) Methylcyclohexane	8.95	83	13340	0.208	ug/L # 81
47) Tetrachloroethene	10.51	164	530213	15.012	ug/L 95

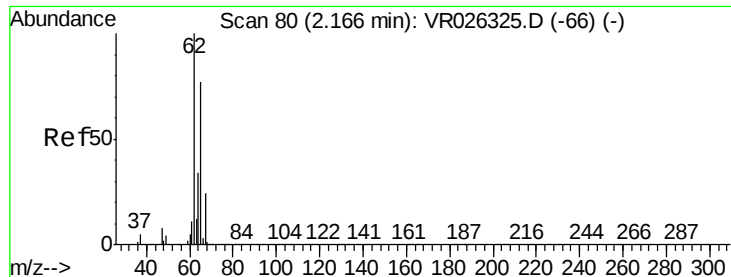
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.786 ug/L

RT: 2.17 min Scan# 80

Delta R.T. 0.00 min

Lab File: VR026327.D

Acq: 15 Feb 2019 13:32

Instrument :

MSVOA_R

ClientSampleId :

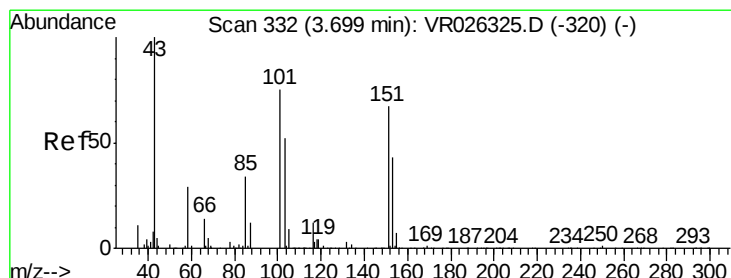
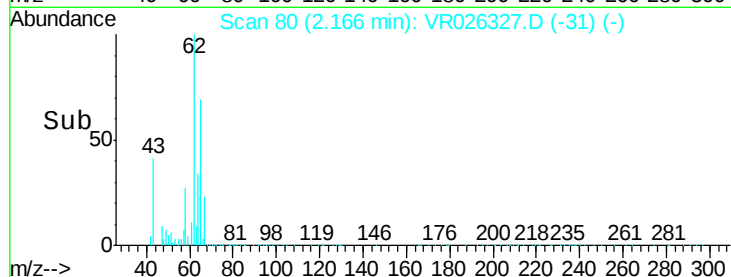
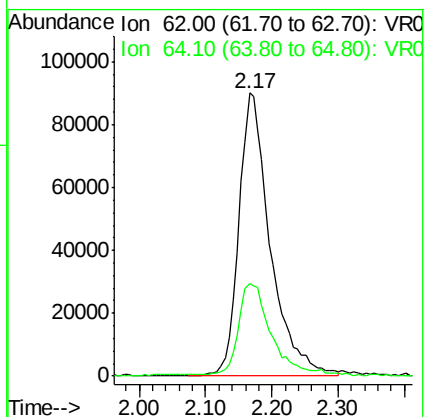
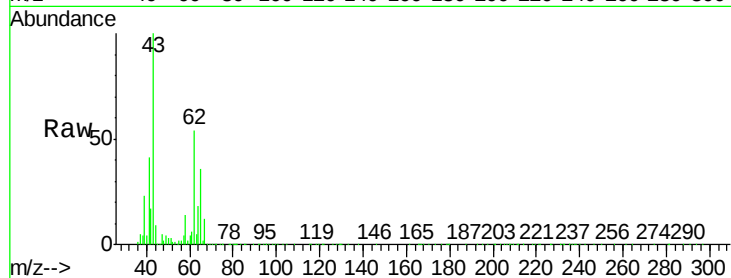
ESXF7

Tot Ion: 62 Resp: 295851

Ion Ratio Lower Upper

62 100

64 32.8 22.2 41.2



#13

Acetone

Concen: 2.480 ug/L

RT: 3.69 min Scan# 331

Delta R.T. -0.01 min

Lab File: VR026327.D

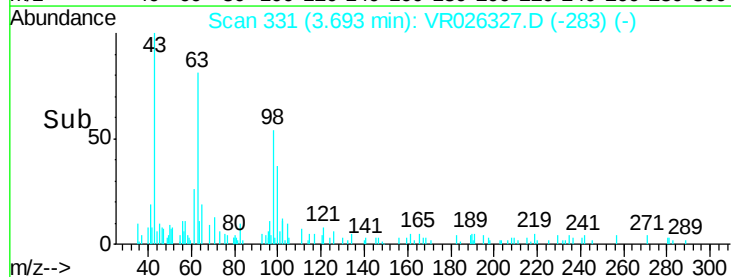
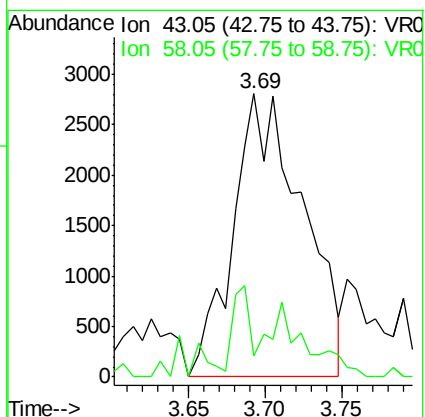
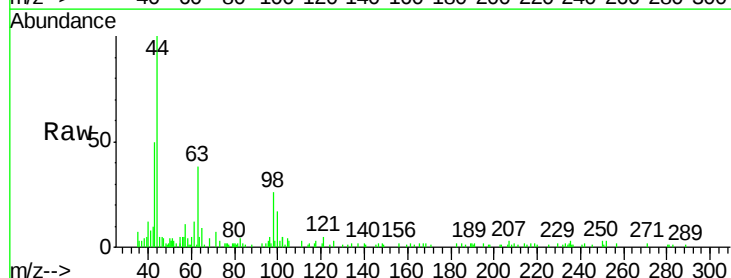
Acq: 15 Feb 2019 13:32

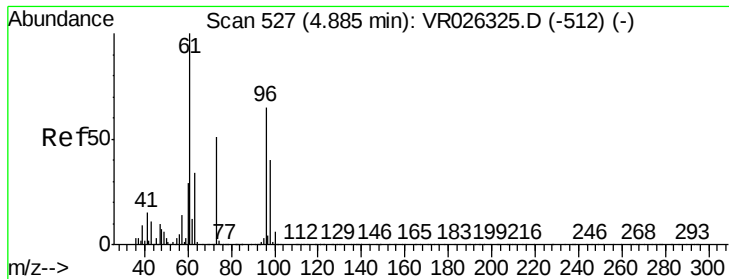
Tgt Ion: 43 Resp: 8869

Ion Ratio Lower Upper

43 100

58 10.7 0.0 56.6

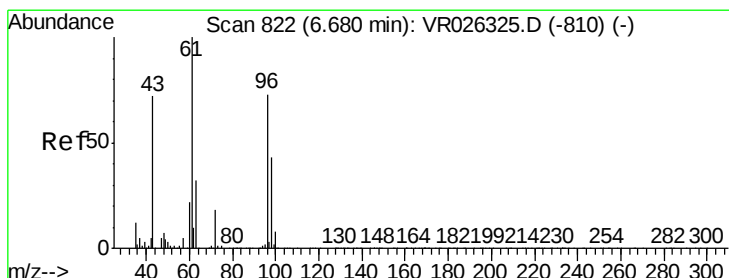
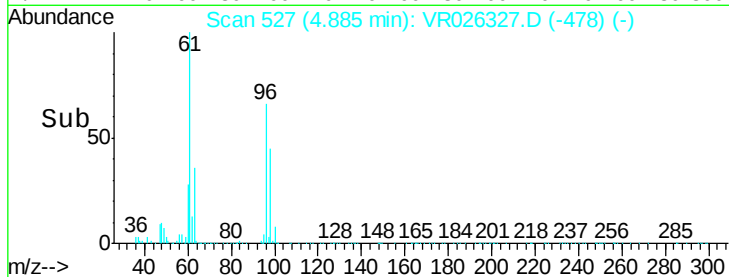
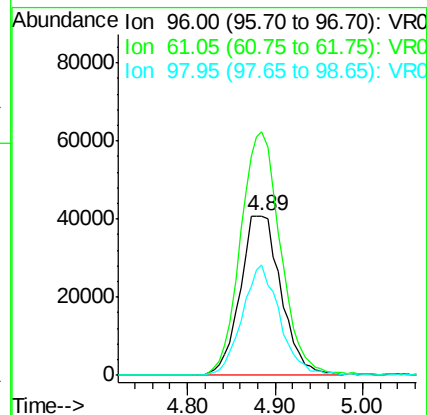
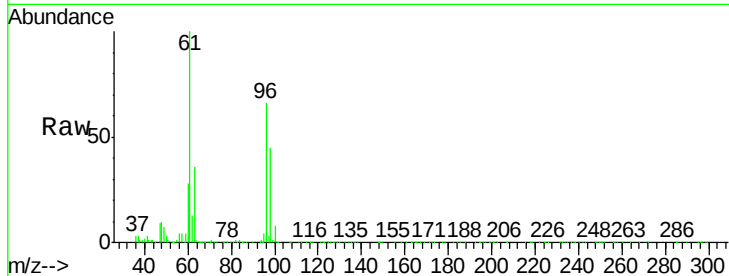




#18
trans-1,2-Dichloroethene
Concen: 2.628 ug/L
RT: 4.89 min Scan# 527
Delta R.T. 0.00 min
Lab File: VR026327.D
Acq: 15 Feb 2019 13:32

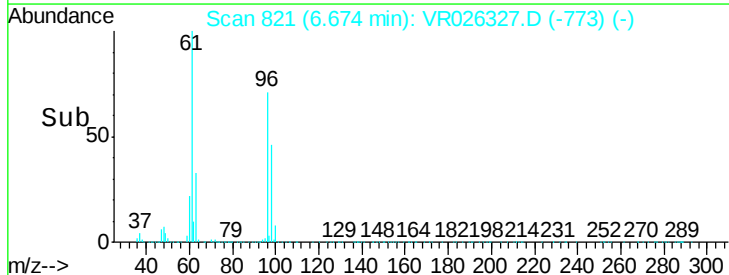
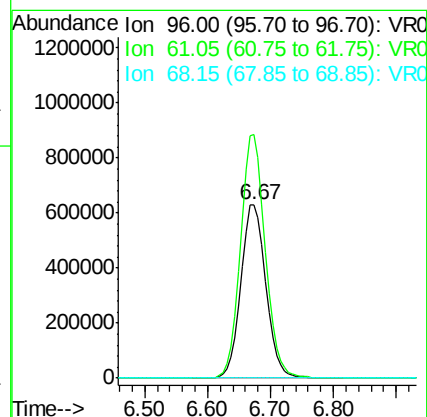
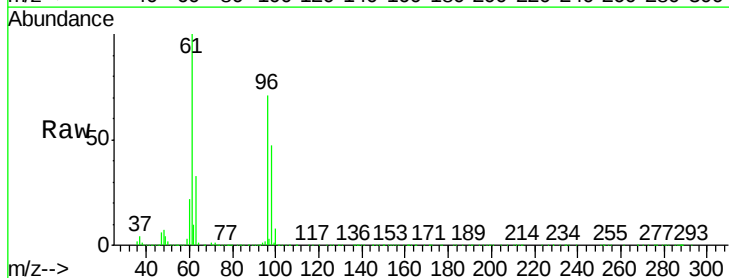
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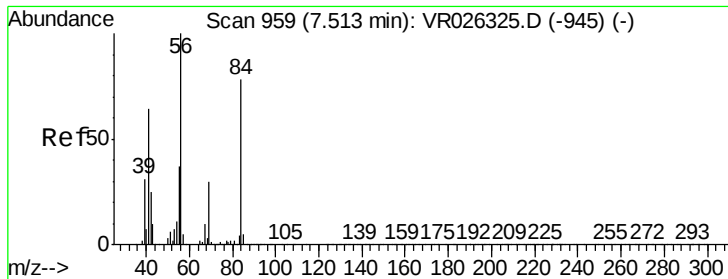
Tot Ion: 96 Resp: 132888
Ion Ratio Lower Upper
96 100
61 152.5 102.5 190.3
98 69.1 43.9 81.5



#22
cis-1,2-Dichloroethene
Concen: 42.591 ug/L
RT: 6.67 min Scan# 821
Delta R.T. -0.01 min
Lab File: VR026327.D
Acq: 15 Feb 2019 13:32

Tgt Ion: 96 Resp: 1737373
Ion Ratio Lower Upper
96 100
61 140.1 103.3 191.9
68 0.0 0.1 0.3#

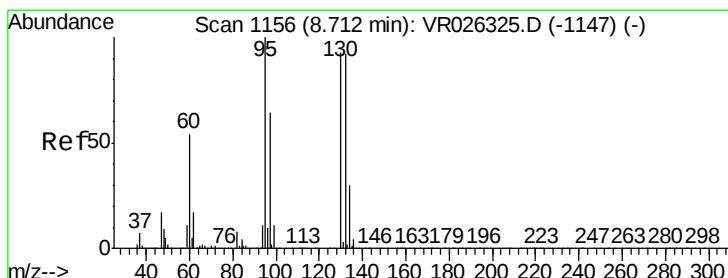
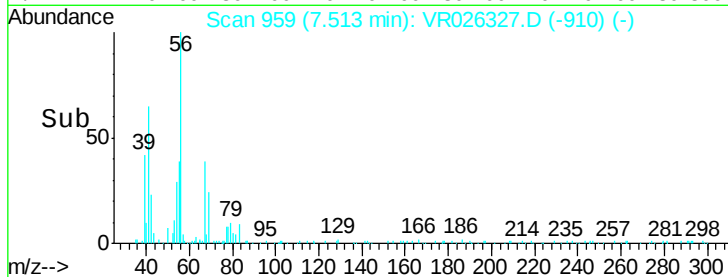
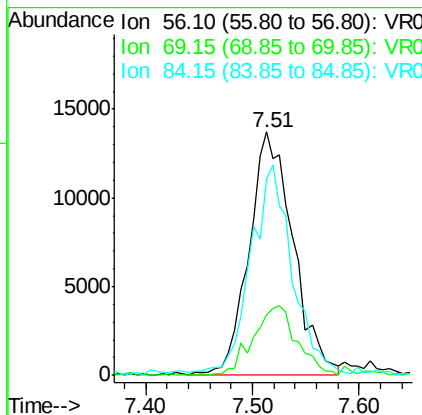
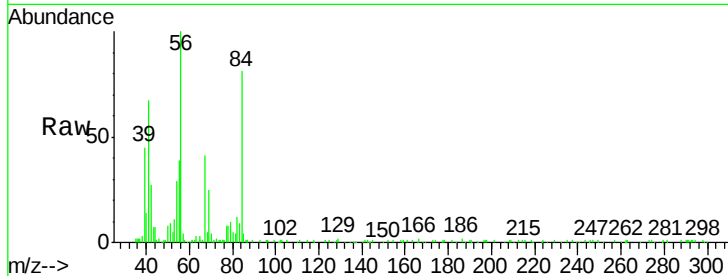




#30
Cvclohexane
Concen: 0.667 ug/L
RT: 7.51 min Scan# 959
Delta R.T. 0.00 min
Lab File: VR026327.D
Acq: 15 Feb 2019 13:32

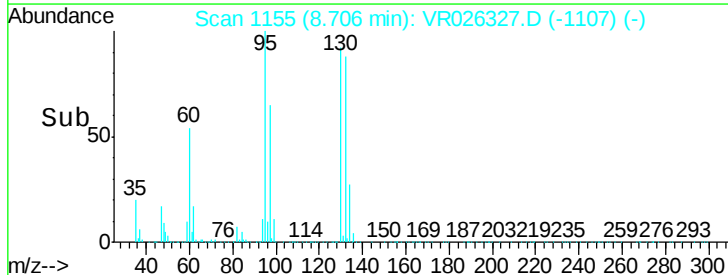
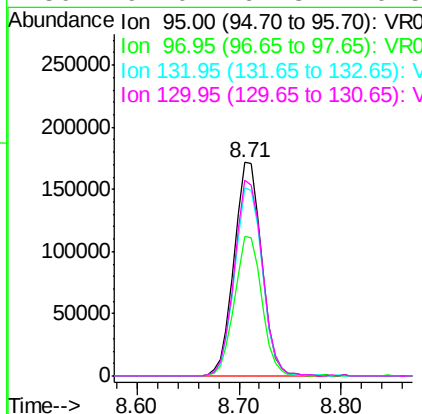
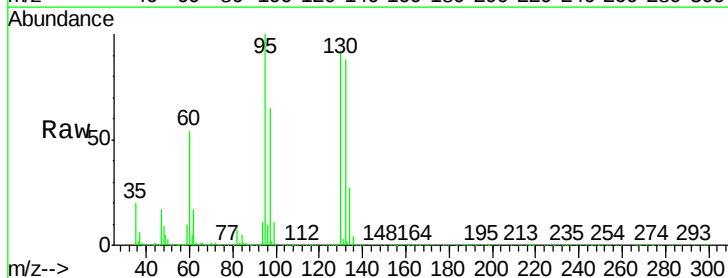
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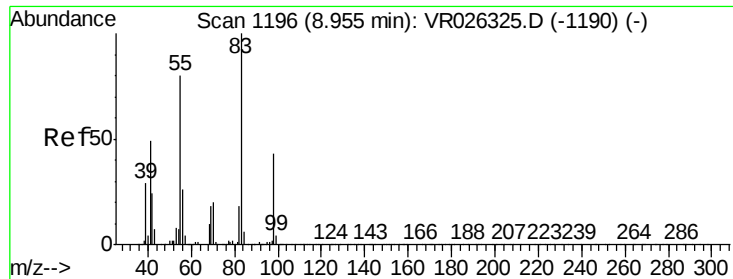
Tot Ion:	56	Resp:	39665
Ion	Ratio	Lower	Upper
56	100		
69	28.3	23.4	35.2
84	81.1	63.8	95.6



#34
Trichloroethene
Concen: 6.997 ug/L
RT: 8.71 min Scan# 1155
Delta R.T. -0.01 min
Lab File: VR026327.D
Acq: 15 Feb 2019 13:32

Tgt Ion:	95	Resp:	322054
Ion	Ratio	Lower	Upper
95	100		
97	65.2	46.6	86.6
132	88.0	61.9	114.9
130	92.0	64.3	119.5

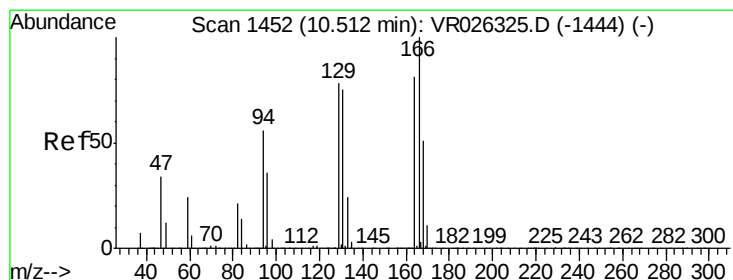
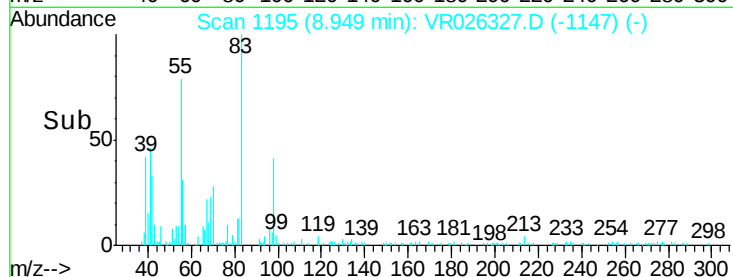
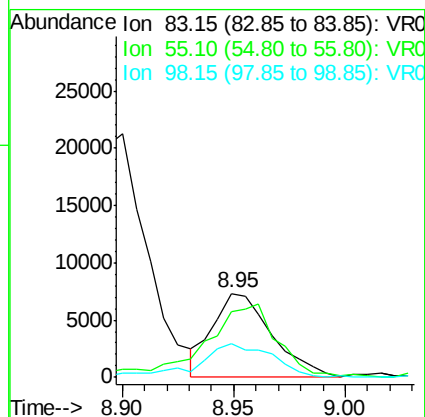
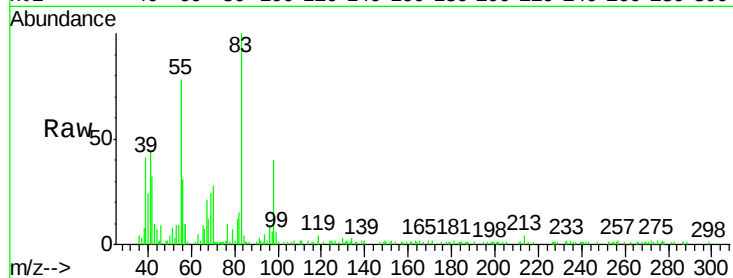




#35
Methvlcvclohexane
Concen: 0.208 ug/L
RT: 8.95 min Scan# 1195
Delta R.T. -0.01 min
Lab File: VR026327.D
Acq: 15 Feb 2019 13:32

Instrument :
MSVOA_R
ClientSampleId :
ESXF7

Tot Ion	83	Resp	13340
Ion Ratio	Lower	Upper	
83	100		
55	110.8	68.8	103.2#
98	48.2	36.3	54.5



#47
Tetrachloroethene
Concen: 15.012 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. 0.00 min
Lab File: VR026327.D
Acq: 15 Feb 2019 13:32

Tgt Ion	164	Resp	530213
Ion Ratio	Lower	Upper	
164	100		
129	100.6	71.5	132.9
131	93.3	72.8	135.2
166	128.9	93.4	173.4

