

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040519\
 Data File : VR026457.D
 Acq On : 5 Apr 2019 11:35
 Operator : SY/MD
 Sample : K2271-06MS
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 DB7C8MS

Quant Time: Apr 06 06:29:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 06 05:54:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	437176	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	365024	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	110075	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	152248	4.58	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	2.62	69	133620	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	3.60	63	410825	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.60%
20) 2-Butanone-d5	6.59	46	149214	50.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.76%
24) Chloroform-d	7.20	84	299343	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	7.90	65	133374	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	7.85	84	541300	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	8.89	67	152455	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	9.97	98	481940	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	10.23	79	35436	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	10.59	63	122689	57.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.18%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	54442	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	95088	5.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.00%

Target Compounds

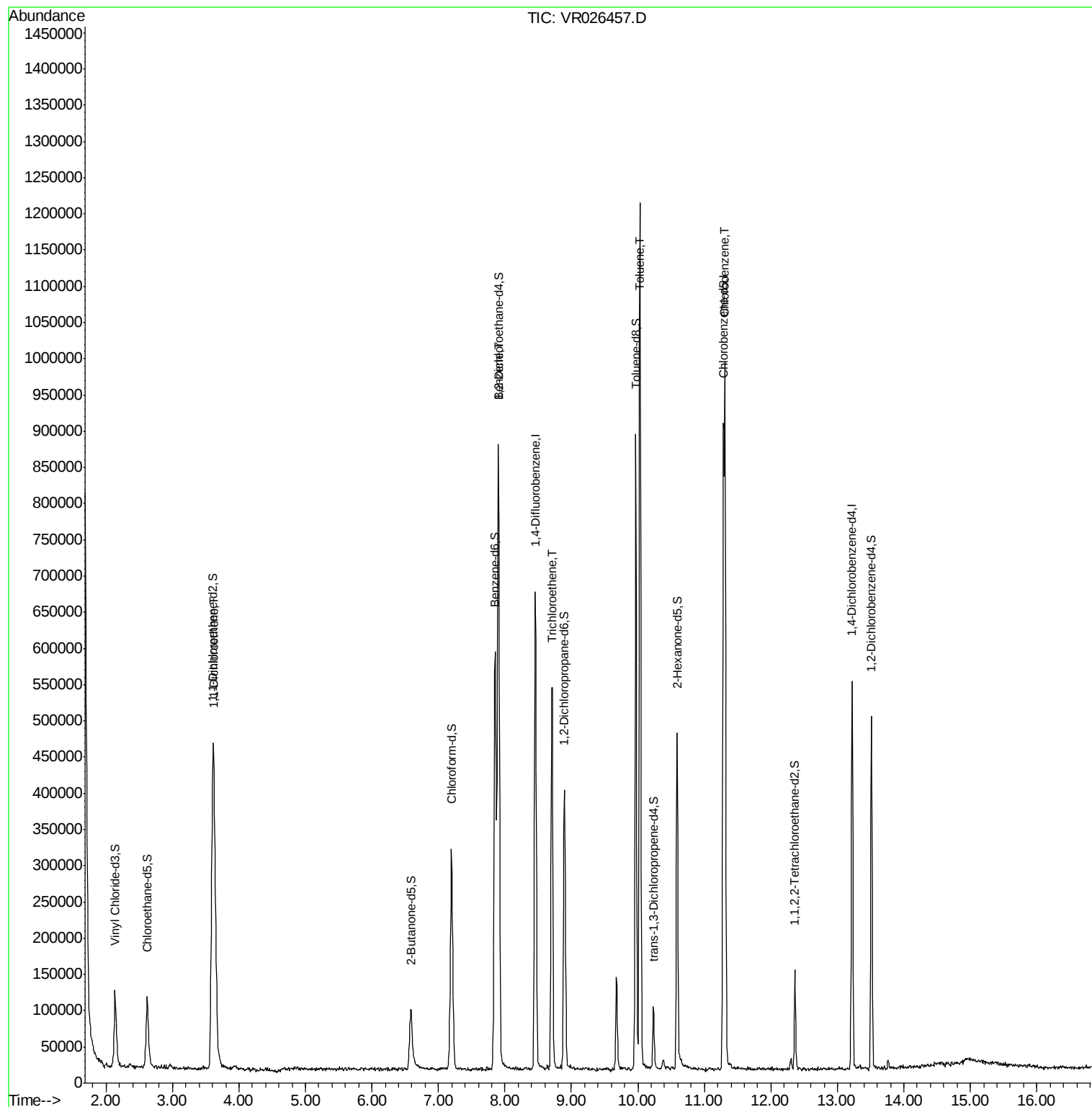
					Ovalue
12) 1,1-Dichloroethene	3.63	96	176885	4.562 ug/L	98
33) Benzene	7.90	78	672965	4.718 ug/L	100
34) Trichloroethene	8.71	95	168519	4.410 ug/L	99
42) Toluene	10.03	91	726258	4.968 ug/L	100
51) Chlorobenzene	11.31	112	385448	4.698 ug/L	99

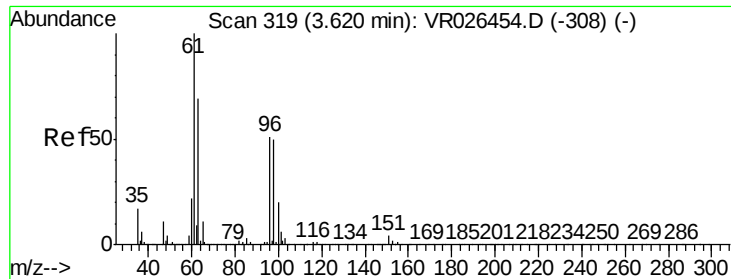
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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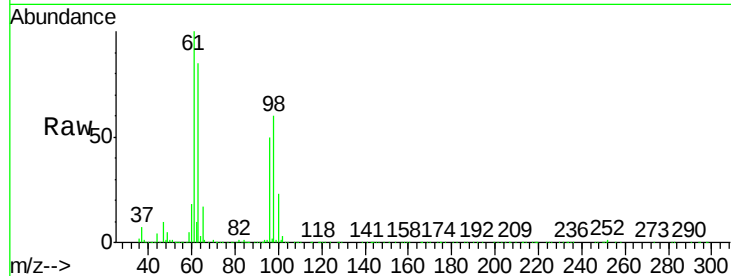




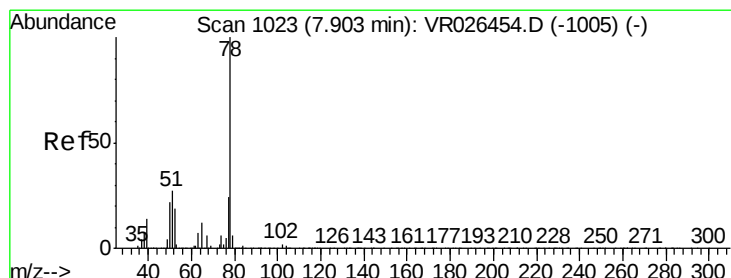
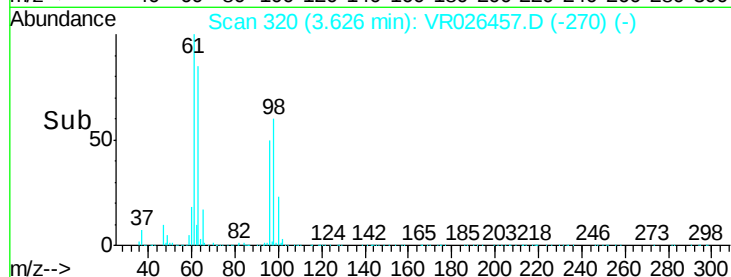
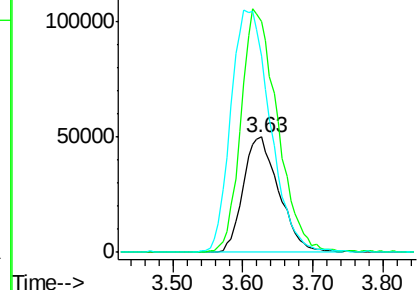
#12
 1,1-Dichloroethene
 Concen: 4.562 ug/L
 RT: 3.63 min Scan# 320
 Delta R.T. 0.01 min
 Lab File: VR026457.D
 Acq: 5 Apr 2019 11:35

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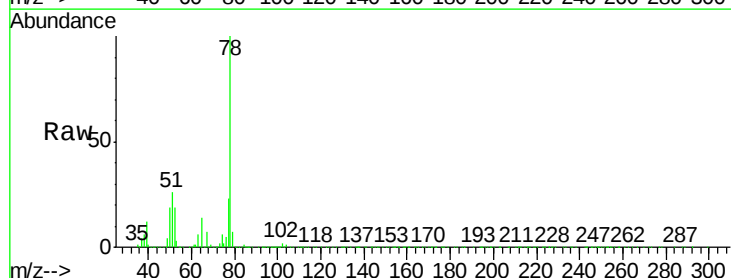
Tot Ion: 96 Resp: 176885
 Ion Ratio Lower Upper
 96 100
 61 199.9 142.7 264.9
 63 169.6 116.9 217.1



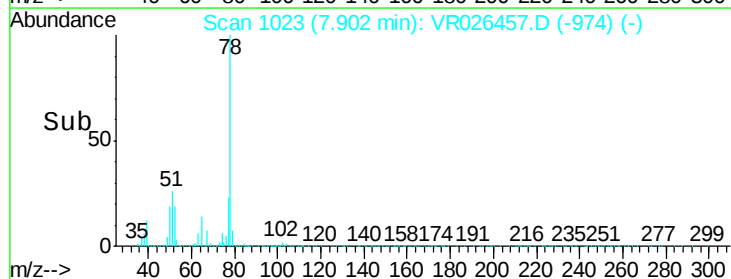
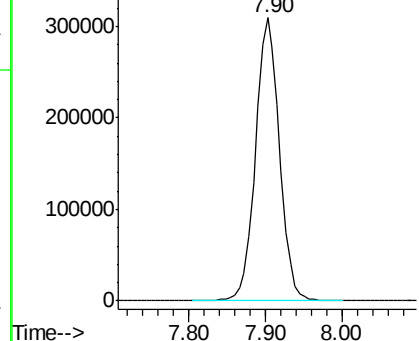
Abundance Ion 96.00 (95.70 to 96.70): VR0
 Ion 61.05 (60.75 to 61.75): VR0
 Ion 63.00 (62.70 to 63.70): VR0

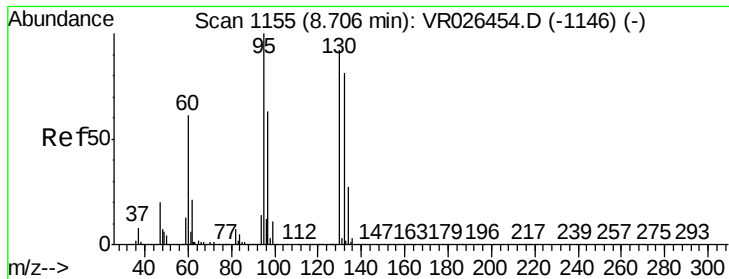


#33
 Benzene
 Concen: 4.718 ug/L
 RT: 7.90 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: VR026457.D
 Acq: 5 Apr 2019 11:35
 Tgt Ion: 78 Resp: 672965



Abundance Ion 78.10 (77.80 to 78.80): VR0

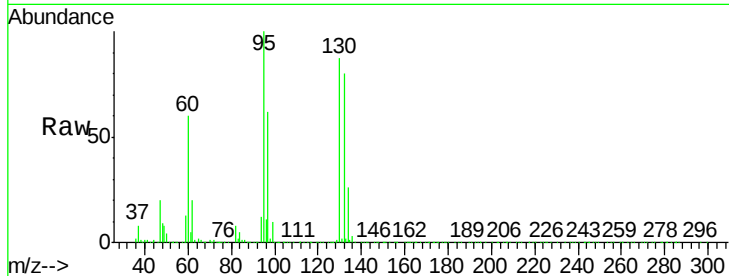




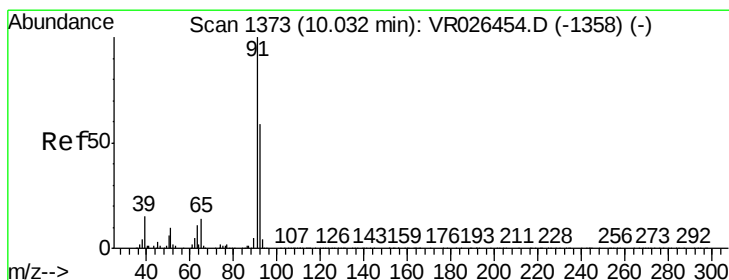
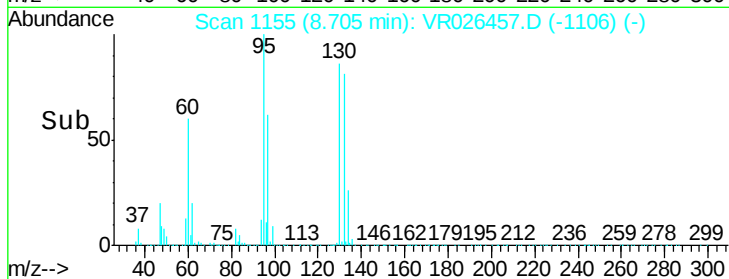
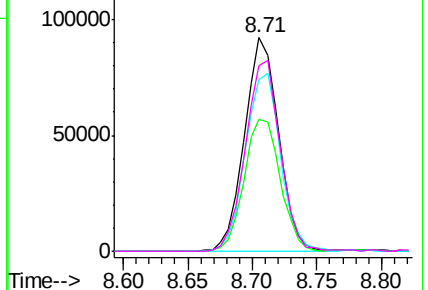
#34
 Trichloroethene
 Concen: 4.410 ug/L
 RT: 8.71 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: VR026457.D
 Acq: 5 Apr 2019 11:35

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Tot Ion: 95 Resp: 168519
 Ion Ratio Lower Upper
 95 100
 97 61.6 43.8 81.3
 132 80.4 57.2 106.2
 130 86.6 59.7 110.9

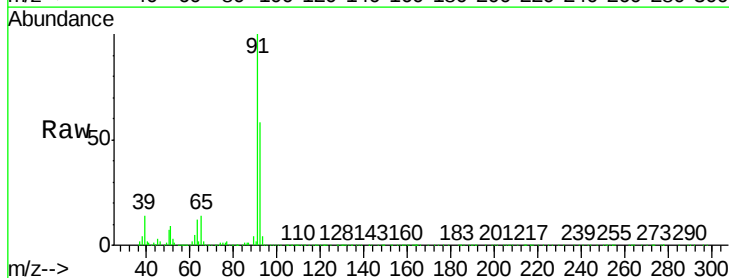


Abundance Ion 95.00 (94.70 to 95.70): VR0
 Ion 96.95 (96.65 to 97.65): VR0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

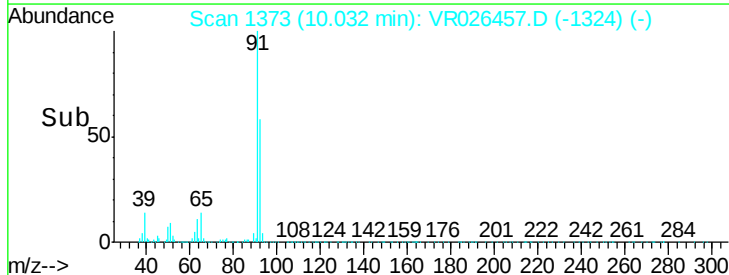
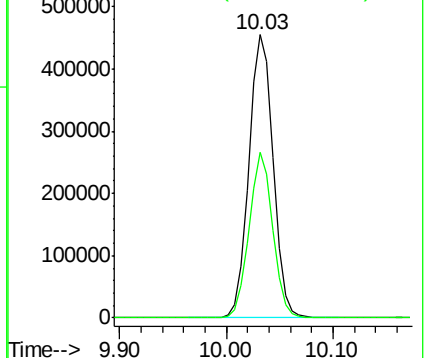


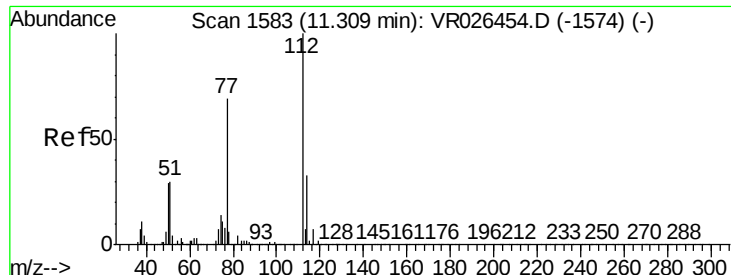
#42
 Toluene
 Concen: 4.968 ug/L
 RT: 10.03 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: VR026457.D
 Acq: 5 Apr 2019 11:35

Tgt Ion: 91 Resp: 726258
 Ion Ratio Lower Upper
 91 100
 92 58.5 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VR0
 Ion 92.15 (91.85 to 92.85): VR0





#51

Chlorobenzene

Concen: 4.698 ug/L

RT: 11.31 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VR026457.D

Acq: 5 Apr 2019 11:35

Instrument :

MSVOA_R

ClientSampleId :

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Tot Ion:112 Resp: 385448

Ion Ratio Lower Upper

112 100

114 31.4 23.1 42.9

77 67.9 53.8 80.8

