

Data File : VR026181.D
Acq On : 5 Nov 2018 15:47
Operator : SY/MD
Sample : J5802-14
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0BE0

Quant Time: Nov 06 03:23:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 06 03:06:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	552256	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	462022	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	142415	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	213798	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	2.62	69	200478	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	3.61	63	622352	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.80%
20) 2-Butanone-d5	6.59	46	186521	47.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.02%
24) Chloroform-d	7.20	84	360098	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	7.89	65	150135	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	7.85	84	726062	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	8.89	67	196047	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	9.97	98	677155	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	10.23	79	45649	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	10.59	63	147806	50.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.82%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	72305	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	120603	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

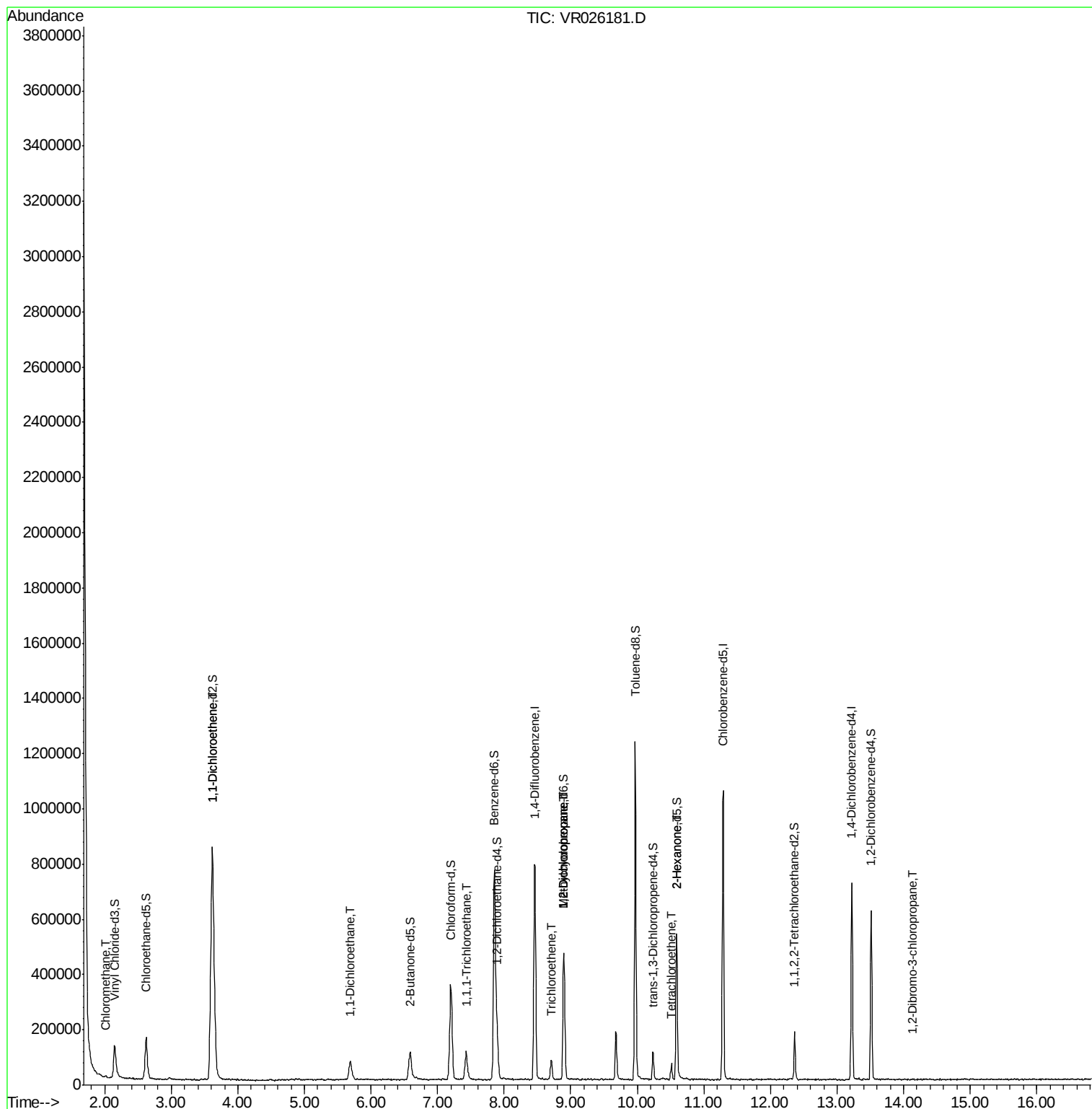
					Qvalue
3) Chloromethane	2.01	50	7024	0.119 ug/L	86
12) 1,1-Dichloroethene	3.62	96	357477	6.657 ug/L	82
19) 1,1-Dichloroethane	5.69	63	96878	1.271 ug/L	96
29) 1,1,1-Trichloroethane	7.43	97	79735	1.263 ug/L	97
34) Trichloroethene	8.71	95	21809	0.491 ug/L	93
35) Methylcyclohexane	8.90	83	46560	0.705 ug/L #	18
37) 1,2-Dichloropropane	8.89	63	24020	0.657 ug/L #	95
47) Tetrachloroethene	10.51	164	10827	0.342 ug/L	82
48) 2-Hexanone	10.59	43	23566	3.230 ug/L #	71
66) 1,2-Dibromo-3-chloropropan	14.14	75	242	0.156 ug/L #	57

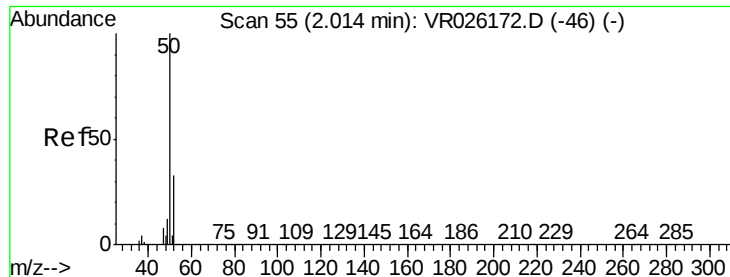
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.119 ug/L

RT: 2.01 min Scan# 54

Delta R.T. -0.01 min

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Acq: 5 Nov 2018 15:47

Instrument :

MSVOA_R

ClientSampleId :

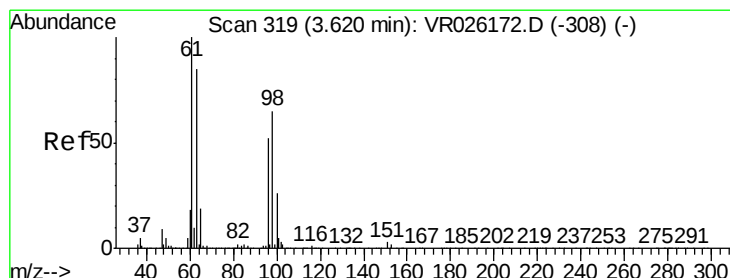
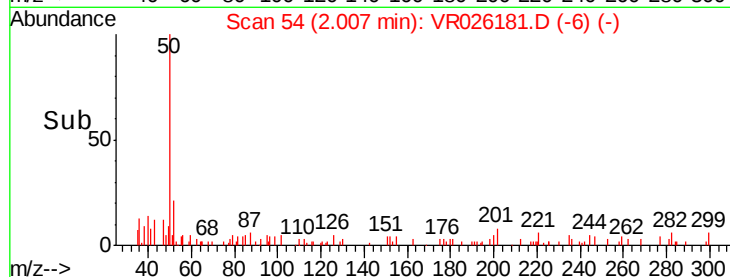
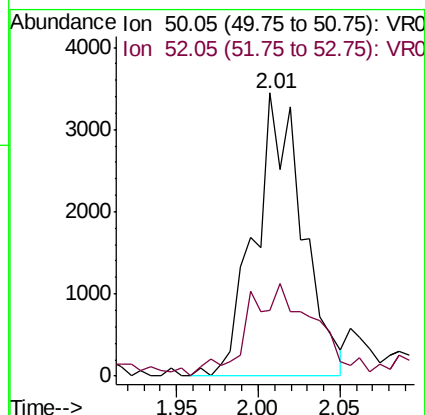
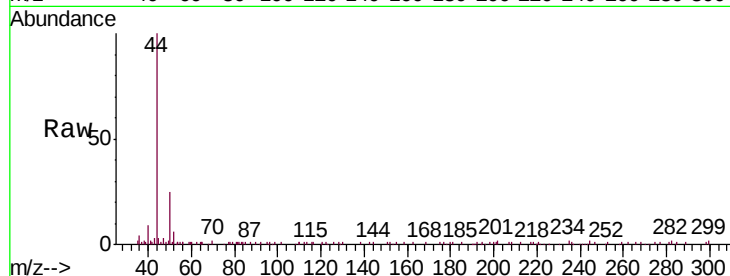
C0BE0

Tgt Ion: 50 Resp: 7024

Ion Ratio Lower Upper

50 100

52 23.5 22.0 40.8



#12

1,1-Dichloroethene

Concen: 6.657 ug/L

RT: 3.62 min Scan# 319

Delta R.T. -0.00 min

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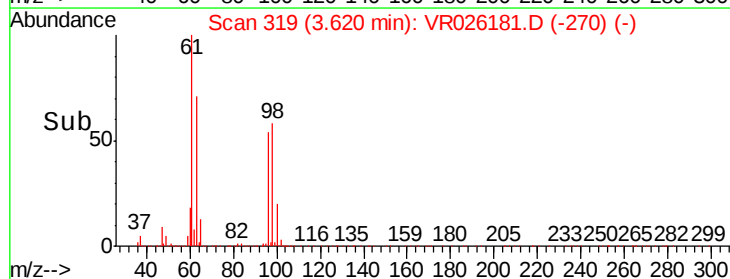
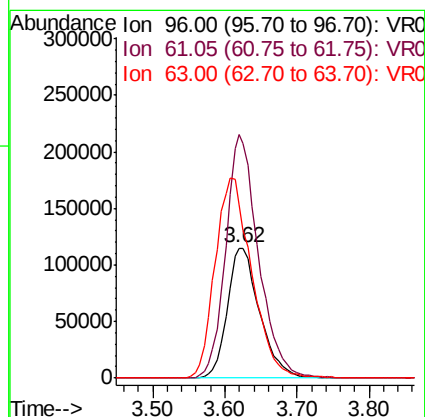
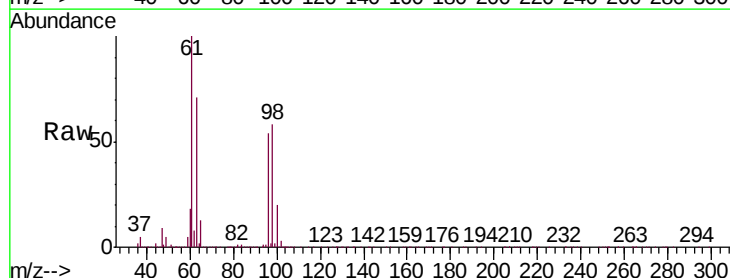
Tgt Ion: 96 Resp: 357477

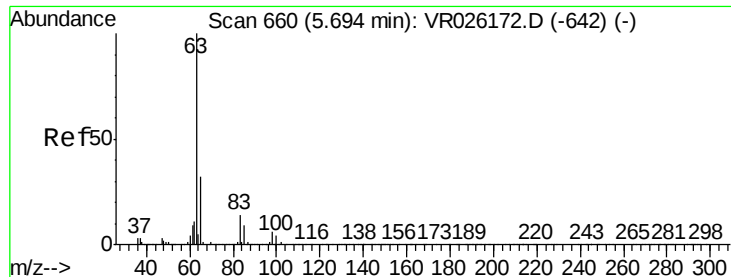
Ion Ratio Lower Upper

96 100

61 186.9 126.7 235.3

63 132.6 125.0 232.2





#19

1,1-Dichloroethane

Concen: 1.271 ug/L

RT: 5.69 min Scan# 660

Delta R.T. -0.00 min

Lab File: VR026181.D

Acq: 5 Nov 2018 15:47

Instrument :

MSVOA_R

ClientSampleId :

C0BE0

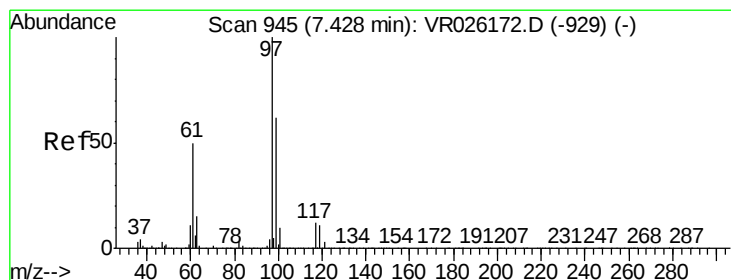
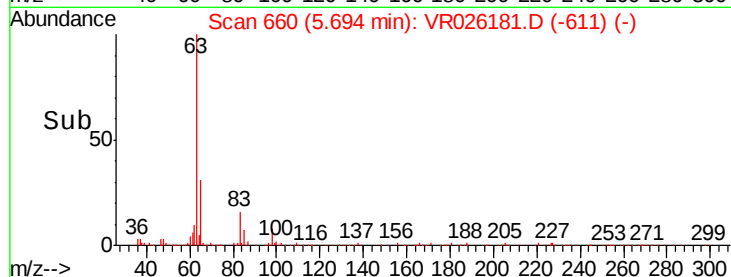
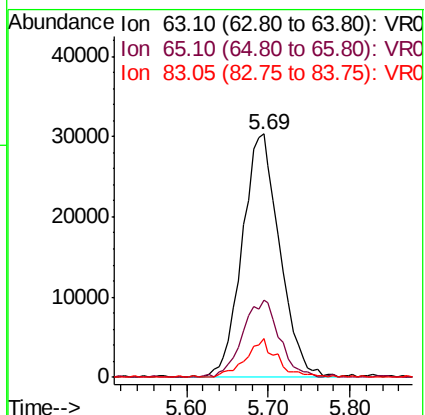
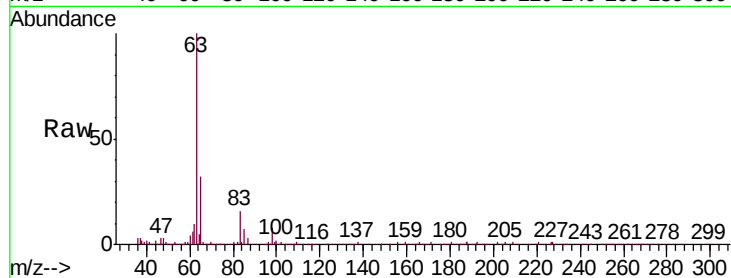
Tgt Ion: 63 Resp: 96878

Ion Ratio Lower Upper

63 100

65 31.5 21.2 39.4

83 16.1 9.2 17.2



#29

1,1,1-Trichloroethane

Concen: 1.263 ug/L

RT: 7.43 min Scan# 945

Delta R.T. -0.00 min

Lab File: VR026181.D

Acq: 5 Nov 2018 15:47

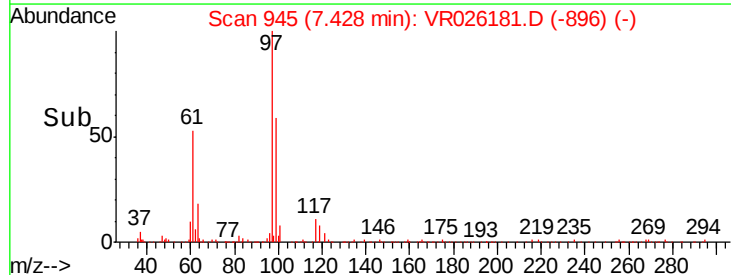
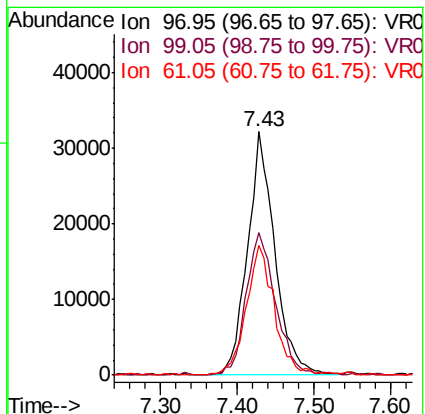
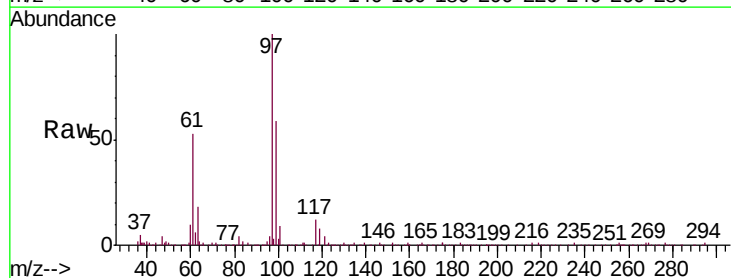
Tgt Ion: 97 Resp: 79735

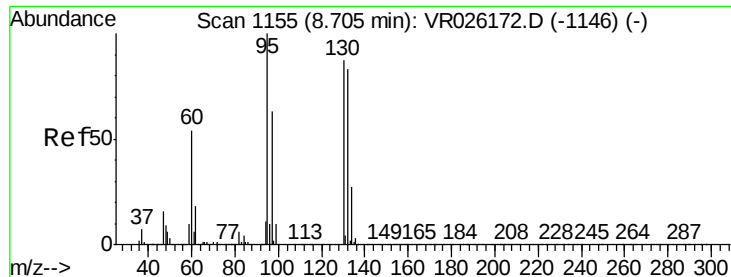
Ion Ratio Lower Upper

97 100

99 61.9 51.1 76.7

61 54.9 42.1 63.1

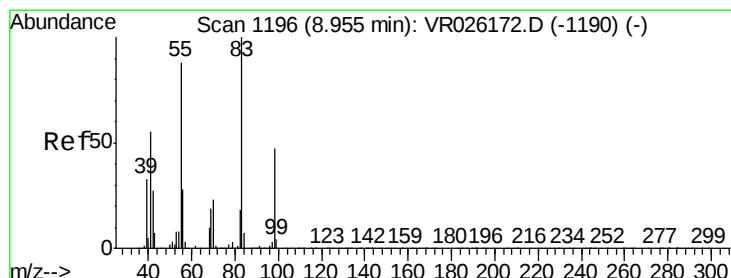
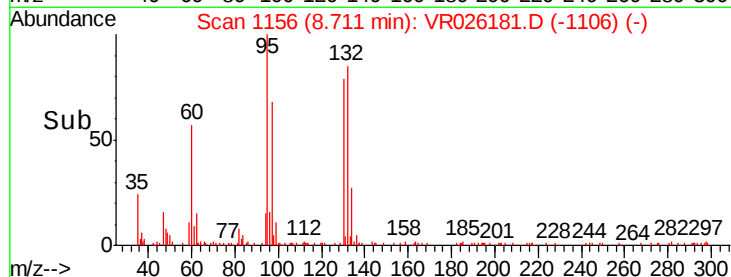
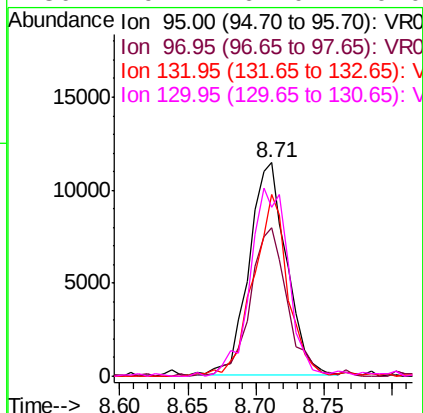
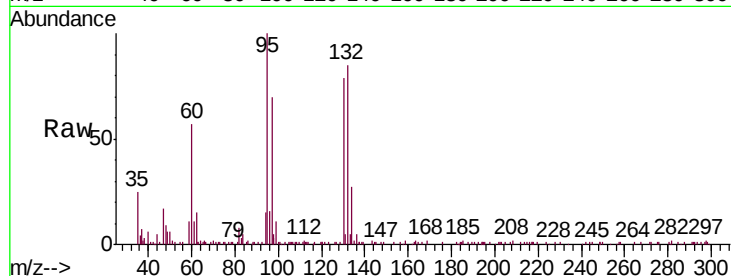




#34
 Trichloroethene
 Concen: 0.491 ug/L
 RT: 8.71 min Scan# 1156
 Delta R.T. 0.01 min
 Lab File: VR026181.D
 Acq: 5 Nov 2018 15:47

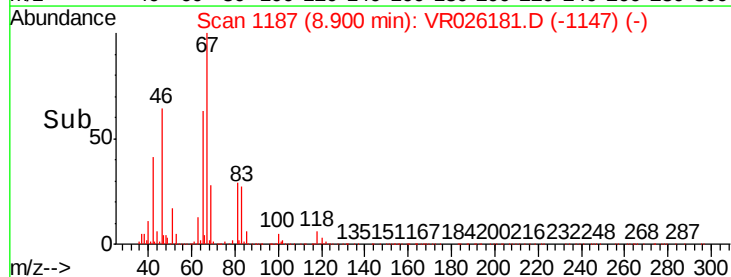
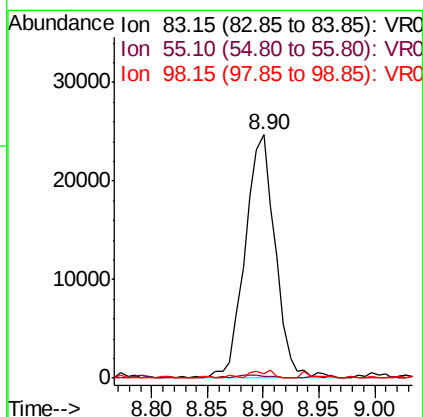
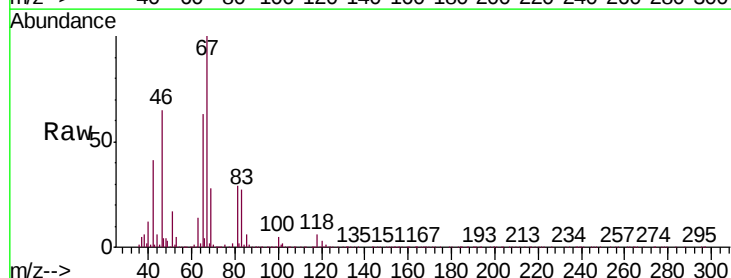
Instrument :
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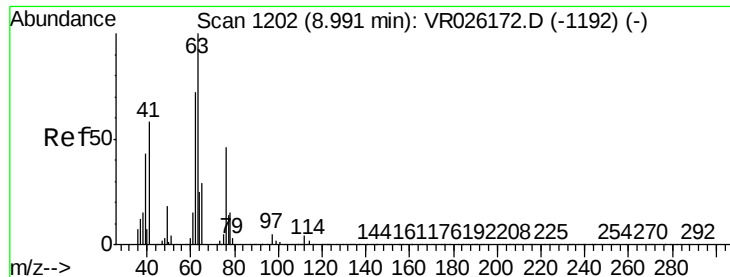
Tgt Ion:	95	Resp:	21809
Ion	Ratio	Lower	Upper
95	100		
97	69.5	45.7	84.9
132	85.4	58.3	108.3
130	79.2	64.0	119.0



#35
 Methylcyclohexane
 Concen: 0.705 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.05 min
 Lab File: VR026181.D
 Acq: 5 Nov 2018 15:47

Tgt Ion:	83	Resp:	46560
Ion	Ratio	Lower	Upper
83	100		
55	1.3	66.8	100.2#
98	2.4	35.2	52.8#

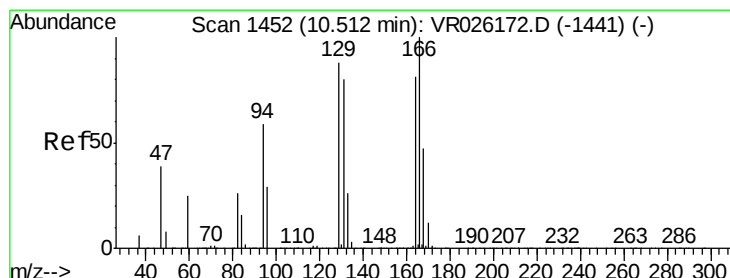
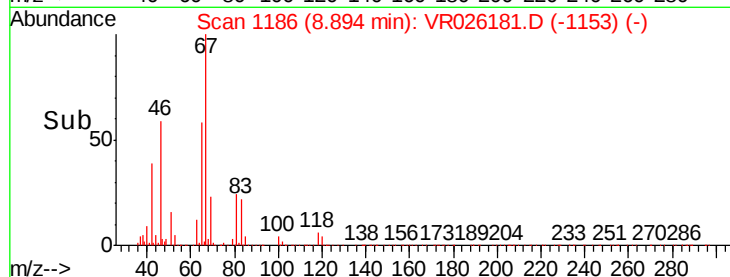
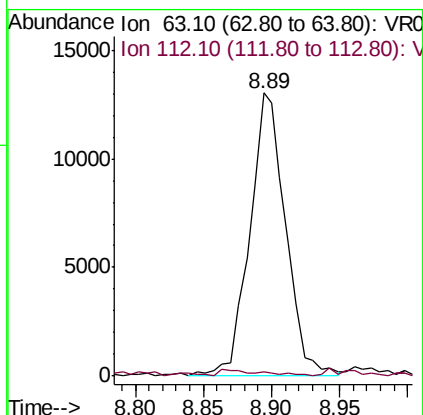
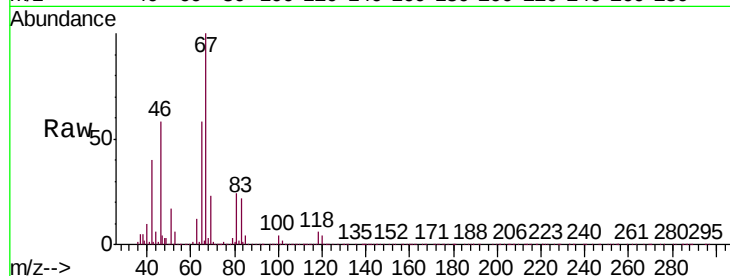




#37
 1,2-Dichloropropane
 Concen: 0.657 ug/L
 RT: 8.89 min Scan# 1186
 Delta R.T. -0.10 min
 Lab File: VR026181.D
 Acq: 5 Nov 2018 15:47

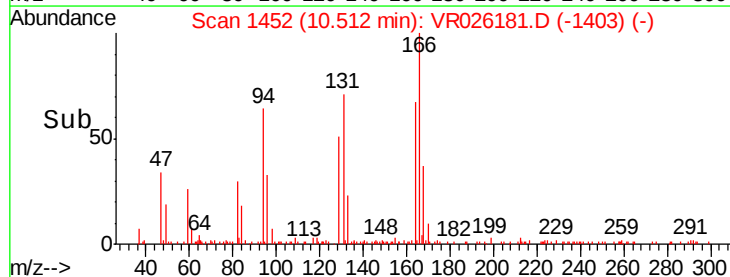
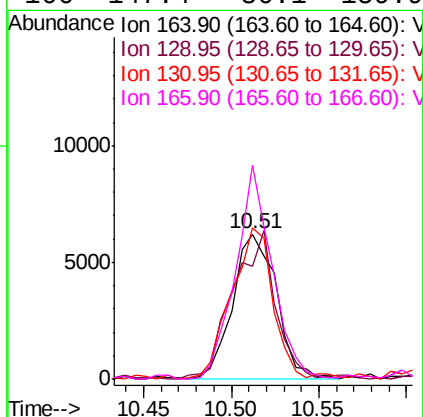
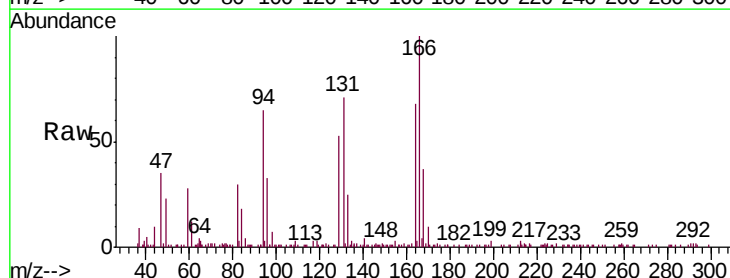
Instrument :
 MSVOA_R
 ClientSampleId :
 C0BE0

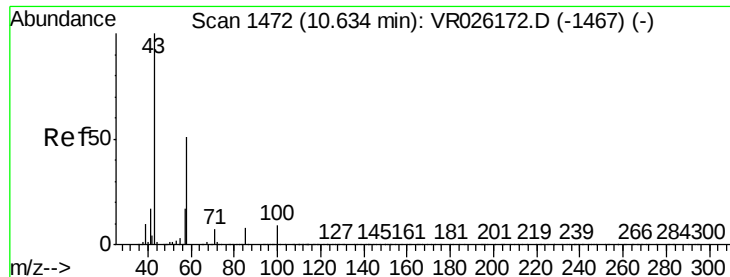
Tgt Ion: 63 Resp: 24020
 Ion Ratio Lower Upper
 63 100
 112 1.6 2.7 4.1#



#47
 Tetrachloroethene
 Concen: 0.342 ug/L
 RT: 10.51 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: VR026181.D
 Acq: 5 Nov 2018 15:47

Tgt Ion: 164 Resp: 10827
 Ion Ratio Lower Upper
 164 100
 129 78.0 70.3 130.5
 131 104.2 67.3 125.1
 166 147.4 86.1 159.9

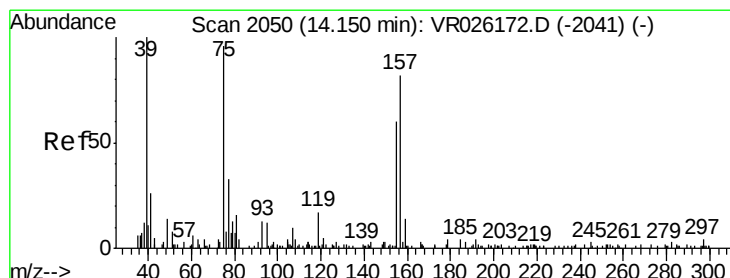
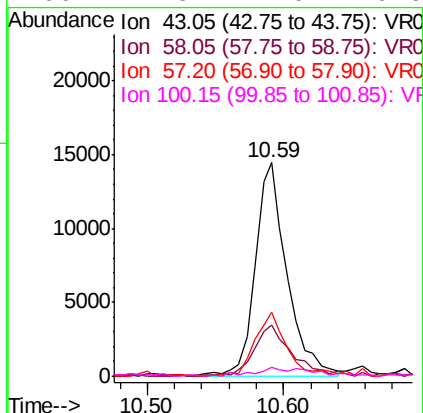
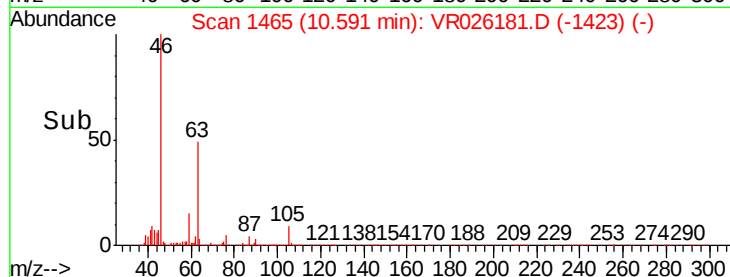
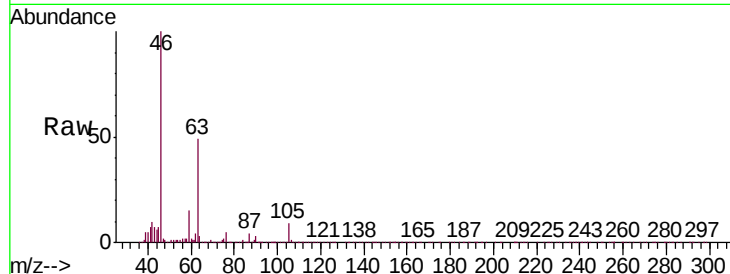




#48
2-Hexanone
Concen: 3.230 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026181.D
Acq: 5 Nov 2018 15:47

Instrument :
MSVOA_R
ClientSampleId :
C0BE0

Tgt Ion:	43	Resp:	23566
Ion	Ratio	Lower	Upper
43	100		
58	28.6	39.6	59.4#
57	31.0	14.0	21.0#
100	2.6	7.0	10.6#



#66
1,2-Dibromo-3-chloropropane
Concen: 0.156 ug/L
RT: 14.14 min Scan# 2048
Delta R.T. -0.01 min
Lab File: VR026181.D
Acq: 5 Nov 2018 15:47

Tgt Ion:	75	Resp:	242
Ion	Ratio	Lower	Upper
75	100		
155	37.2	40.9	61.3#
157	136.0	67.3	100.9#

