

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100518\
 Data File : VR025976.D
 Acq On : 6 Oct 2018 3:32
 Operator : SY/MD
 Sample : J5279-01
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 06 05:32:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 06 05:30:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	398269	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	334825	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	115743	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	108718	3.46	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.20%
7) Chloroethane-d5	2.63	69	109544	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	3.63	63	190714	2.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.80%#
20) 2-Butanone-d5	6.59	46	176691	50.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.92%
24) Chloroform-d	7.20	84	213618	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.20%
26) 1,2-Dichloroethane-d4	7.89	65	97512	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
32) Benzene-d6	7.85	84	371734	3.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.80%#
36) 1,2-Dichloropropane-d6	8.90	67	114626	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.40%
41) Toluene-d8	9.97	98	311517	2.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	59.60%#
43) trans-1,3-Dichloropropene-	10.24	79	24338	3.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.40%
46) 2-Hexanone-d5	10.59	63	133898	51.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.02%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	55586	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	73109	3.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.80%#

Target Compounds

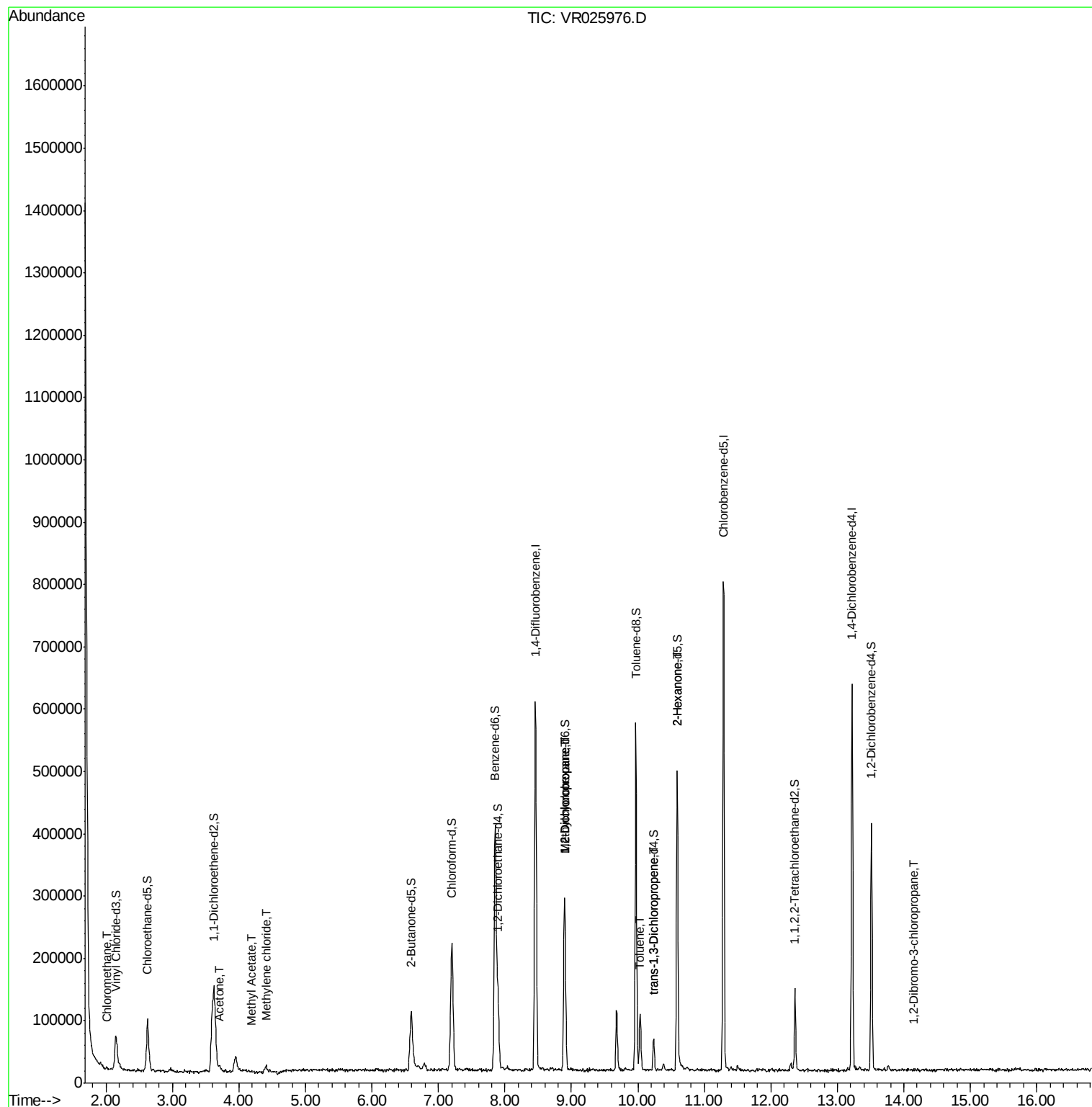
					Ovalue
3) Chloromethane	2.01	50	3106	0.090 ug/L #	52
13) Acetone	3.70	43	13759	5.422 ug/L	96
15) Methyl Acetate	4.20	43	2179	0.310 ug/L #	89
16) Methylene chloride	4.41	84	6400	0.231 ug/L	86
35) Methylcyclohexane	8.90	83	27417	0.616 ug/L #	17
37) 1,2-Dichloropropane	8.90	63	15200	0.631 ug/L #	97
42) Toluene	10.04	91	55095	0.472 ug/L	87
44) trans-1,3-Dichloropropene	10.24	75	1763	0.100 ug/L	85
48) 2-Hexanone	10.59	43	21613	3.897 ug/L #	69
66) 1,2-Dibromo-3-chloropropan	14.15	75	194	0.170 ug/L #	73

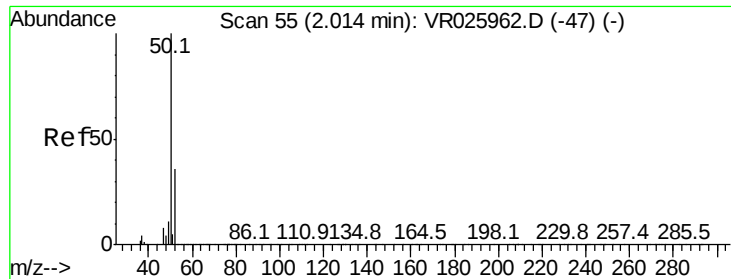
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 06 05:30:02 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.090 ug/L

RT: 2.01 min Scan# 54

Delta R.T. -0.01 min

Lab File: VR025976.D

Acq: 6 Oct 2018 3:32

Instrument :

MSVOA_R

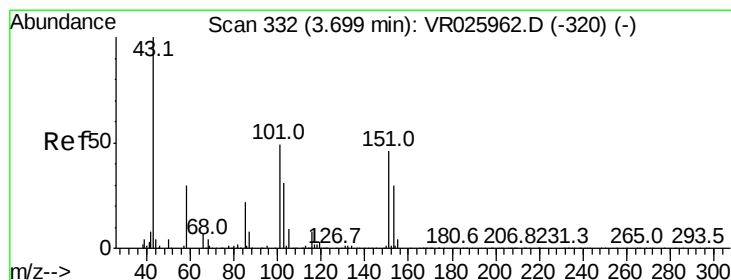
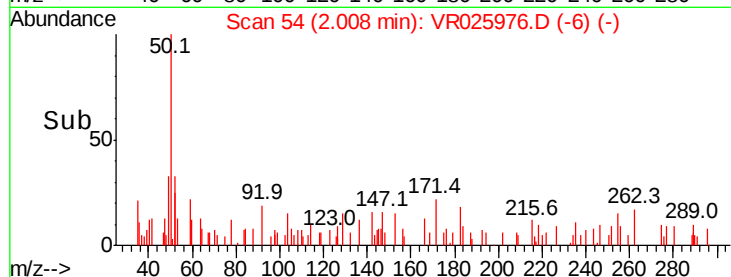
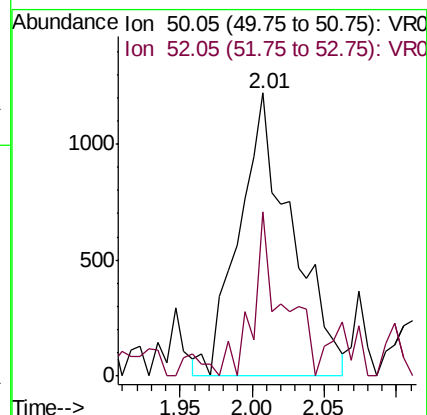
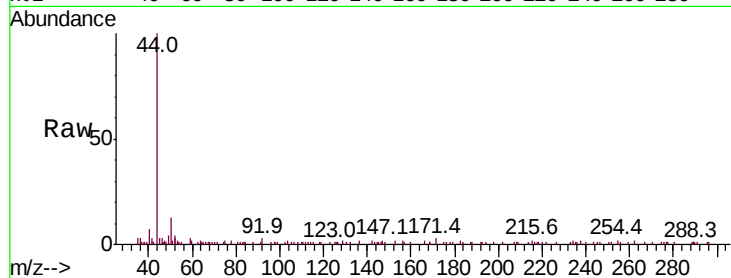
ClientSampleId :

Tot Ion: 50 Resp: 3106

Ion Ratio Lower Upper

50 100

52 58.0 22.1 41.1#



#13

Acetone

Concen: 5.422 ug/L

RT: 3.70 min Scan# 333

Delta R.T. 0.01 min

Lab File: VR025976.D

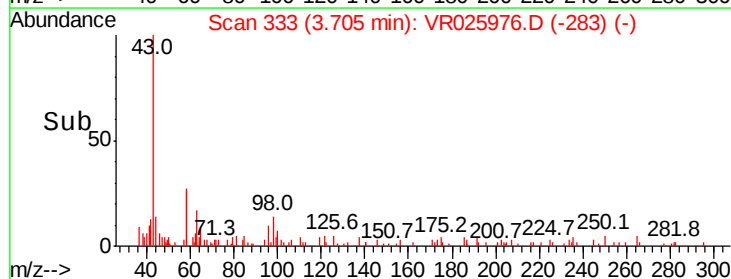
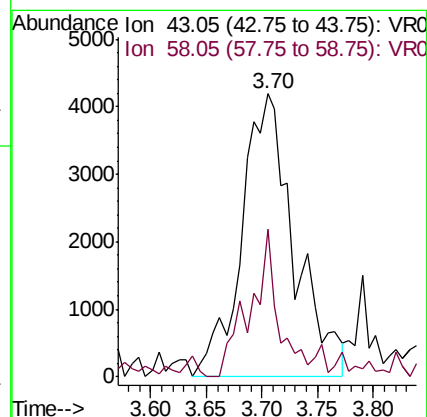
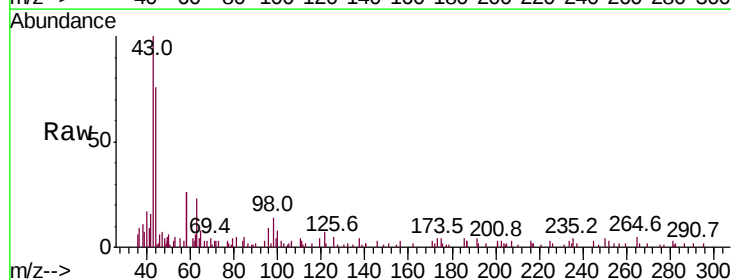
Acq: 6 Oct 2018 3:32

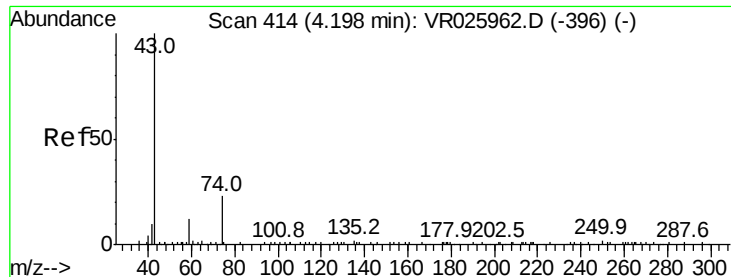
Tgt Ion: 43 Resp: 13759

Ion Ratio Lower Upper

43 100

58 27.8 0.0 51.4

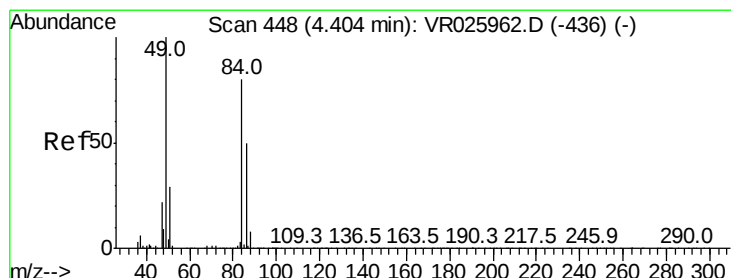
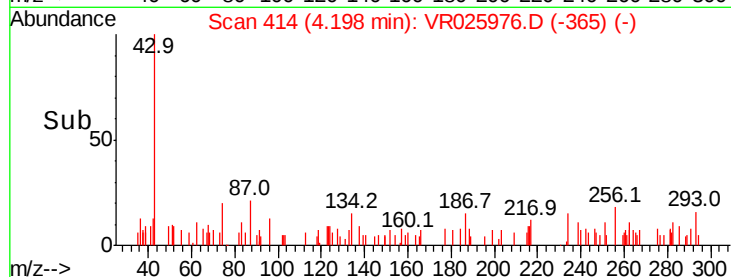
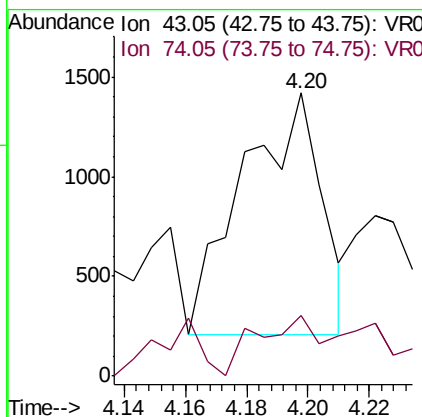
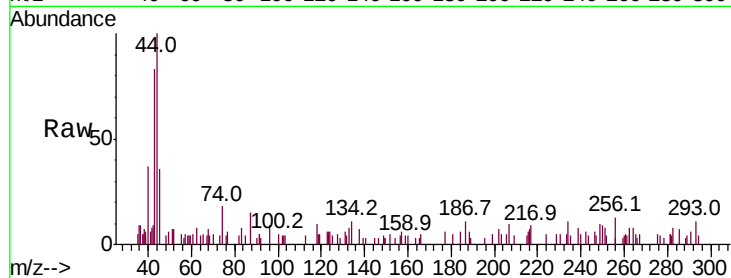




#15
Methyl Acetate
Concen: 0.310 ug/L
RT: 4.20 min Scan# 414
Delta R.T. -0.00 min
Lab File: VR025976.D
Acq: 6 Oct 2018 3:32

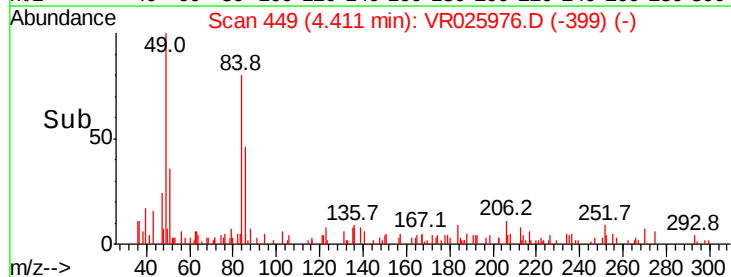
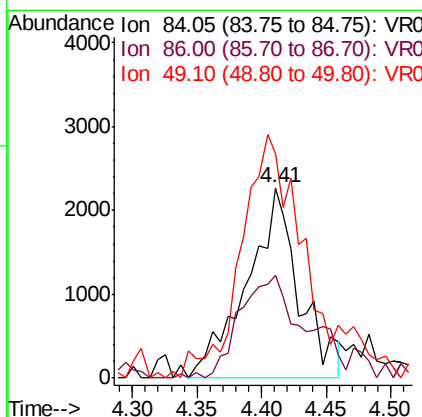
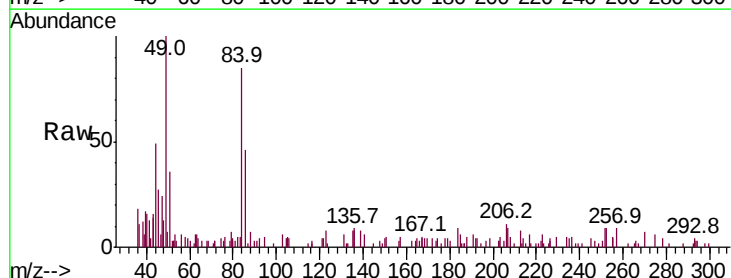
Instrument :
MSVOA_R
ClientSampled :

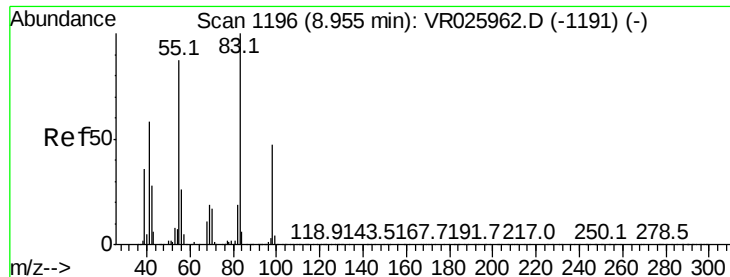
Tot Ion: 43 Resp: 2179
Ion Ratio Lower Upper
43 100
74 18.4 19.0 28.4#



#16
Methylene chloride
Concen: 0.231 ug/L
RT: 4.41 min Scan# 449
Delta R.T. 0.01 min
Lab File: VR025976.D
Acq: 6 Oct 2018 3:32

Tgt Ion: 84 Resp: 6400
Ion Ratio Lower Upper
84 100
86 53.9 43.1 80.1
49 117.7 95.5 177.3

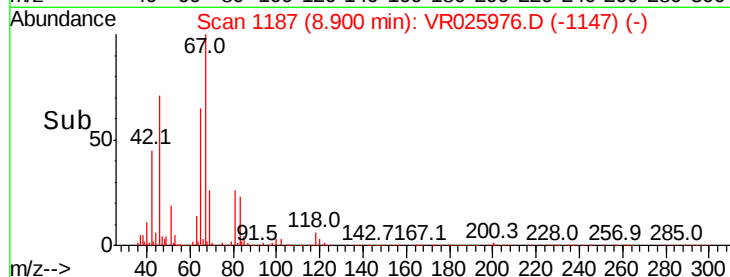
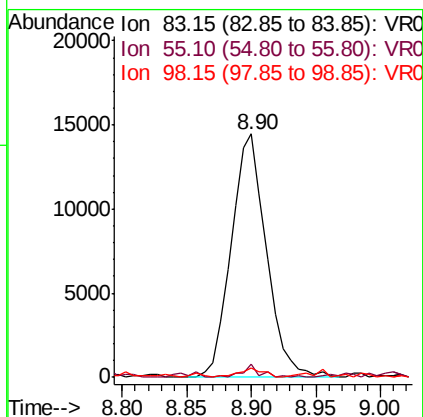
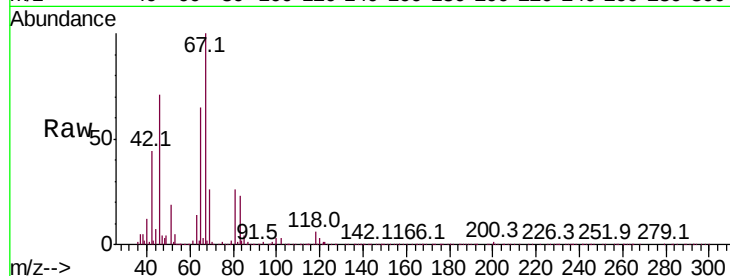




#35
Methvlcvclohexane
Concen: 0.616 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR025976.D
Acq: 6 Oct 2018 3:32

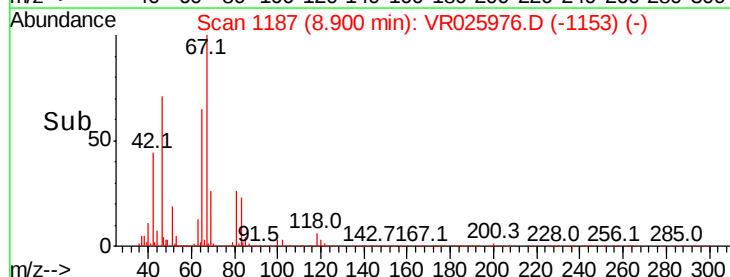
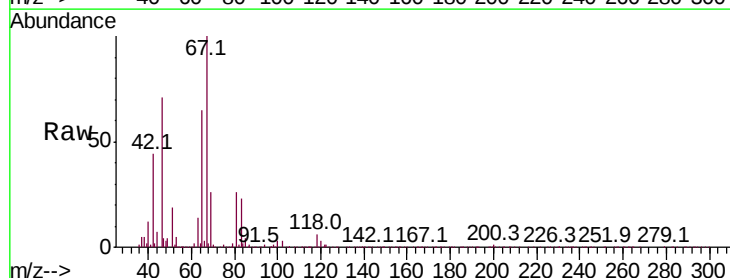
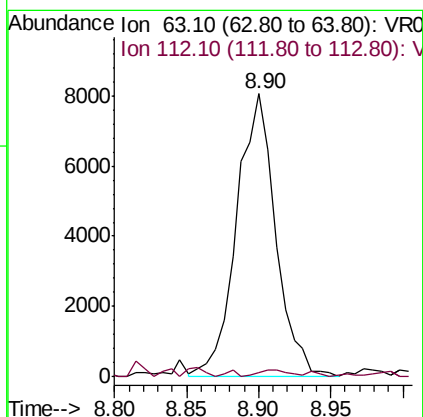
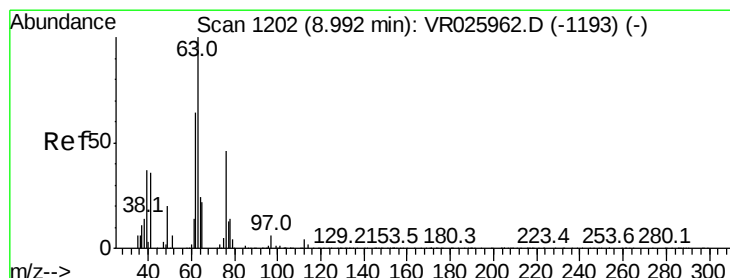
Instrument :
MSVOA_R
ClientSampleId :

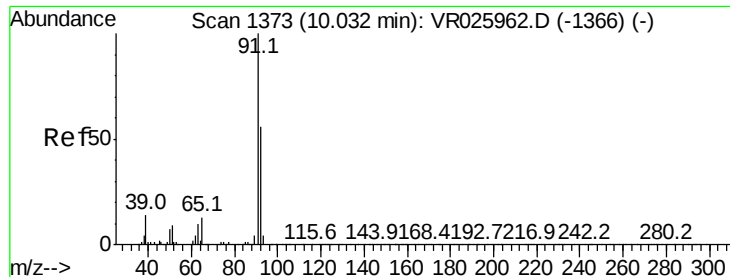
Tot Ion: 83 Resp: 27417
Ion Ratio Lower Upper
83 100
55 2.5 71.8 107.6#
98 2.7 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.631 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.09 min
Lab File: VR025976.D
Acq: 6 Oct 2018 3:32

Tgt Ion: 63 Resp: 15200
Ion Ratio Lower Upper
63 100
112 2.1 2.5 3.7#





#42

Toluene

Concen: 0.472 ug/L

RT: 10.04 min Scan# 1374

Delta R.T. 0.01 min

Lab File: VR025976.D

Acq: 6 Oct 2018 3:32

Instrument :

MSVOA_R

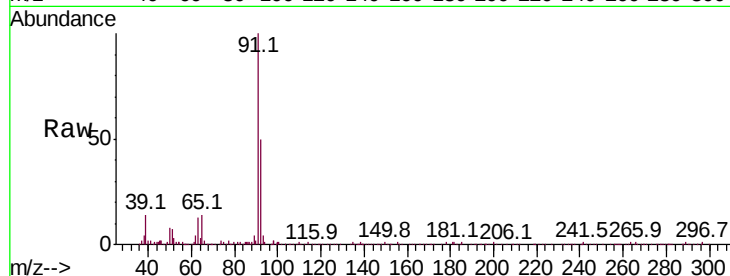
ClientSampleId :

Tot Ion: 91 Resp: 55095

Ion Ratio Lower Upper

91 100

92 50.0 41.8 77.6



Abundance Ion 91.15 (90.85 to 91.85): VR0

Ion 92.15 (91.85 to 92.85): VR0

10.04

30000

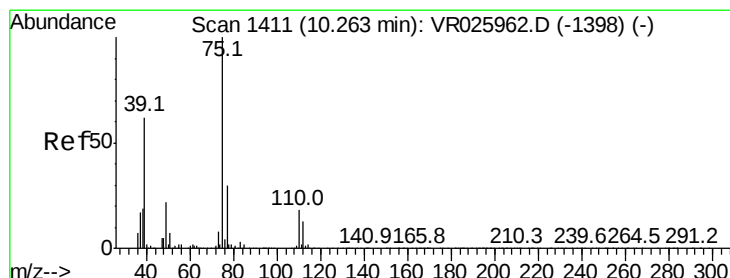
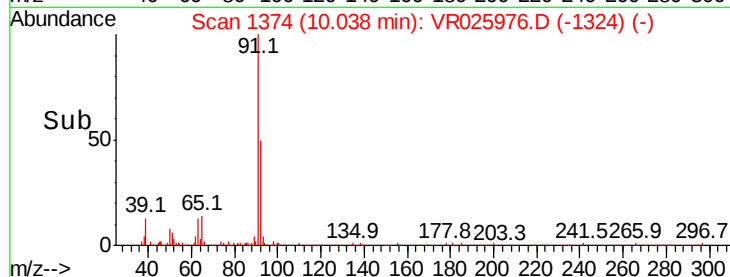
20000

10000

0

Time-->

10.00 10.10



#44

trans-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 10.24 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VR025976.D

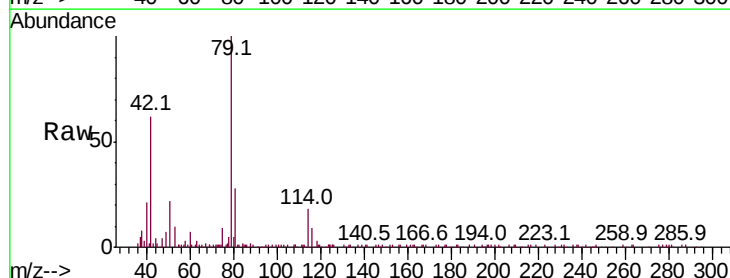
Acq: 6 Oct 2018 3:32

Tgt Ion: 75 Resp: 1763

Ion Ratio Lower Upper

75 100

77 24.5 23.0 42.8



Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 77.05 (76.75 to 77.75): VR0

10.24

1500

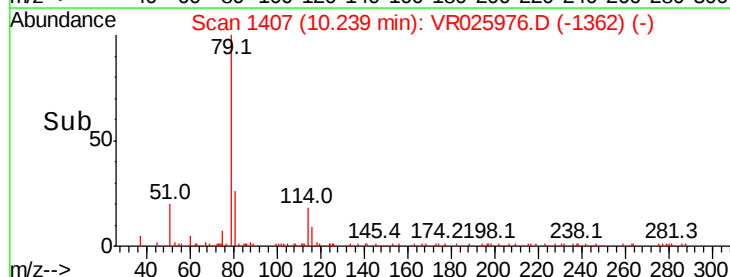
1000

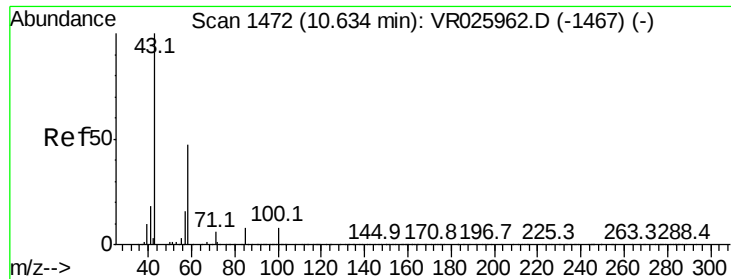
500

0

Time-->

10.20 10.25

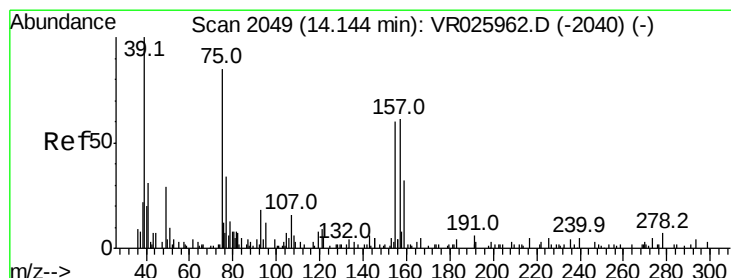
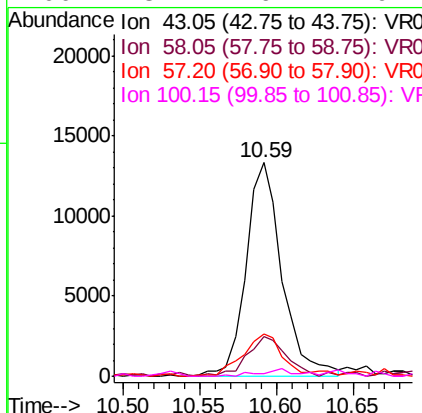
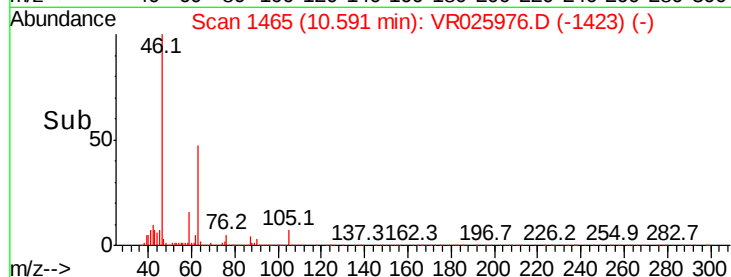
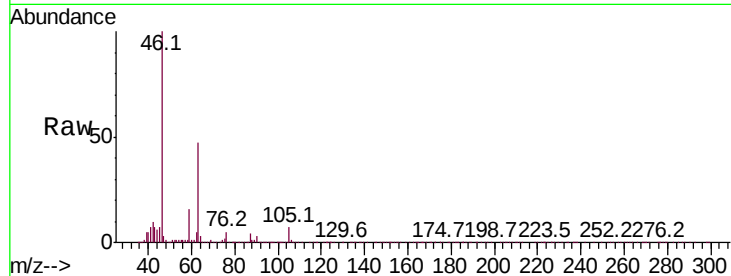




#48
2-Hexanone
Concen: 3.897 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR025976.D
Acq: 6 Oct 2018 3:32

Instrument :
MSVOA_R
ClientSampled :

Tot Ion:	43	Resp:	21613
Ion	Ratio	Lower	Upper
43	100		
58	20.2	39.5	59.3#
57	21.8	14.6	21.8
100	3.2	6.7	10.1#



#66
1,2-Dibromo-3-chloropropane
Concen: 0.170 ug/L
RT: 14.15 min Scan# 2050
Delta R.T. 0.01 min
Lab File: VR025976.D
Acq: 6 Oct 2018 3:32

Tgt Ion:	75	Resp:	194
Ion	Ratio	Lower	Upper
75	100		
155	55.1	37.8	56.6
157	91.9	49.7	74.5#

