

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR092718\
 Data File : VR025889.D
 Acq On : 27 Sep 2018 23:53
 Operator : SY/MD
 Sample : J5119-10
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Sep 28 05:46:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 28 05:44:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	499996	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	408595	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	138089	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	206376	5.23	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.60%
7) Chloroethane-d5	2.62	69	157436	4.89	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	3.63	63	340671	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	6.59	46	224762	51.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.26%
24) Chloroform-d	7.20	84	308881	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	7.90	65	137584	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	7.85	84	644594	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	8.90	67	173767	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	9.97	98	595426	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	10.23	79	31946	3.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
46) 2-Hexanone-d5	10.59	63	159989	50.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.86%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	69528	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	105383	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

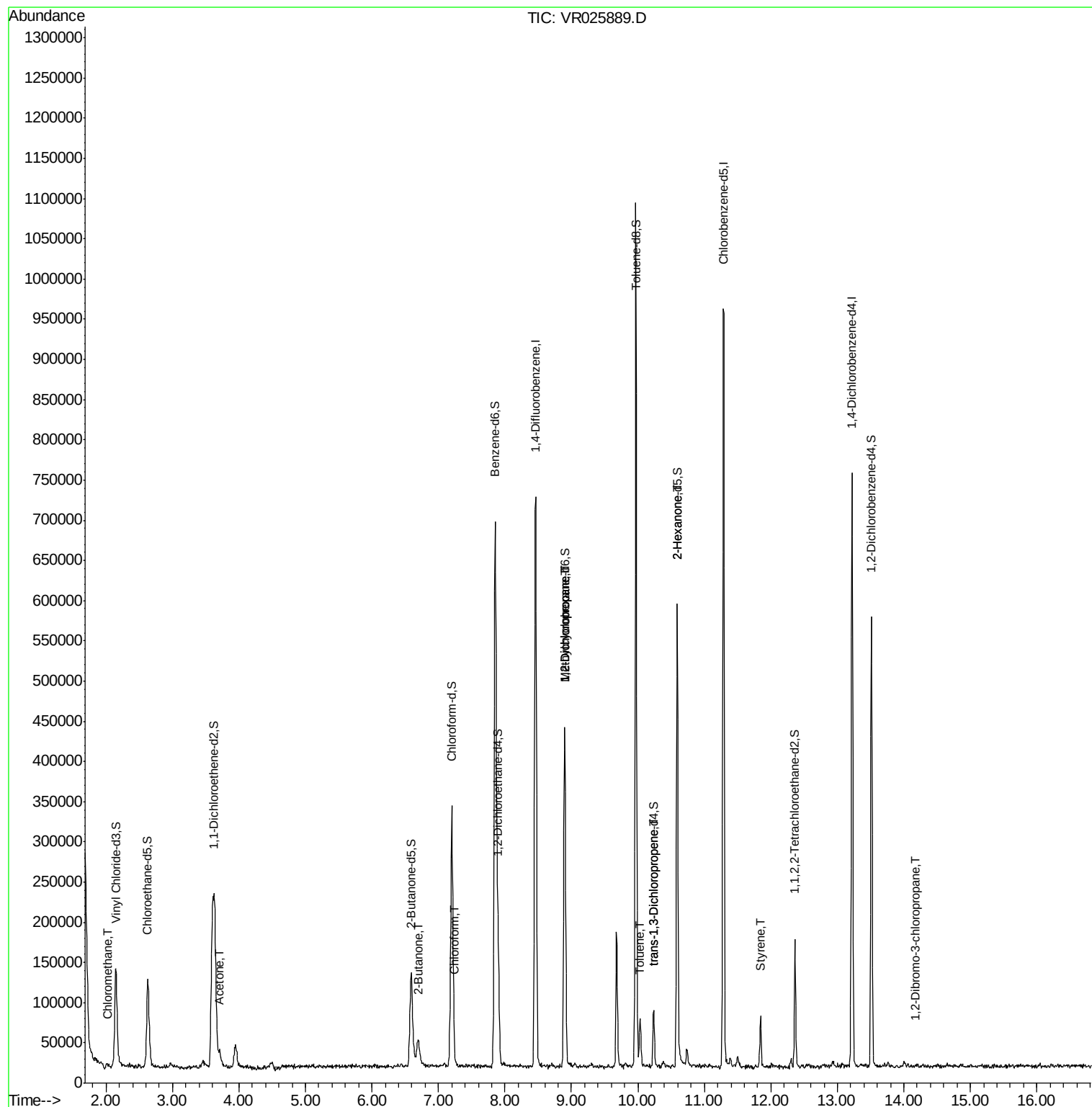
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	2.01	50	4701	0.109	ug/L	92
13) Acetone	3.70	43	26133	8.203	ug/L	79
21) 2-Butanone	6.69	43	6905	1.576	ug/L	81
25) Chloroform	7.24	83	6290	0.105	ug/L	98
35) Methylcyclohexane	8.90	83	38936	0.717	ug/L #	16
37) 1,2-Dichloropropane	8.90	63	22185	0.755	ug/L #	92
42) Toluene	10.03	91	33751	0.237	ug/L	95
44) trans-1,3-Dichloropropene	10.23	75	2507	0.116	ug/L	97
48) 2-Hexanone	10.59	43	25572	3.778	ug/L #	71
55) Styrene	11.84	104	22637	0.270	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.17	75	467	0.343	ug/L #	24

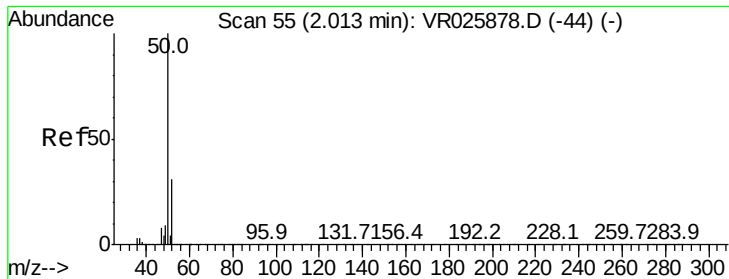
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA R\DATA\VR092718\
Data File : VR025889.D
Acq On : 27 Sep 2018 23:53
Operator : SY/MD
Sample : J5119-10
Misc : 25mL/MSVOA R/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :

Quant Time: Sep 28 05:46:23 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 28 05:44:06 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.109 ug/L

RT: 2.01 min Scan# 55

Delta R.T. 0.00 min

Lab File: VR025889.D

Acq: 27 Sep 2018 23:53

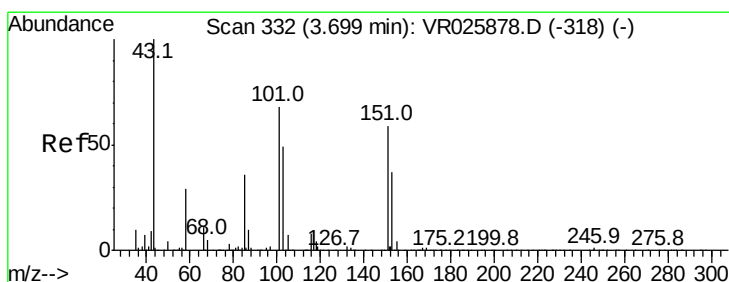
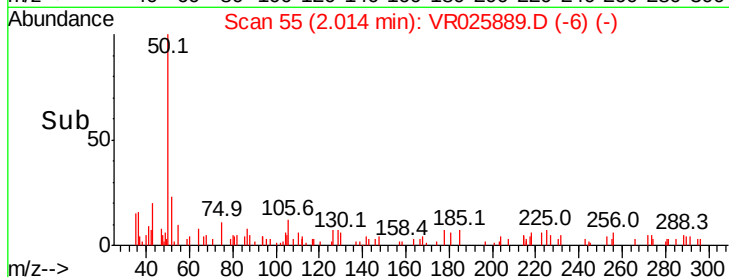
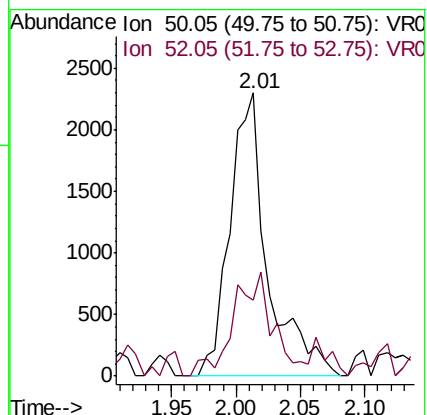
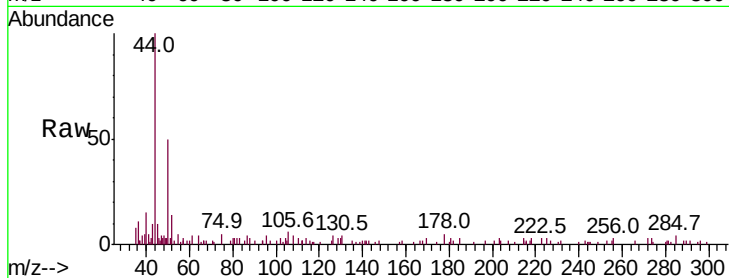
Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 50 Resp: 4701

Ion Ratio Lower Upper

50 100

52 27.0 22.1 41.1



#13

Acetone

Concen: 8.203 ug/L

RT: 3.70 min Scan# 333

Delta R.T. 0.01 min

Lab File: VR025889.D

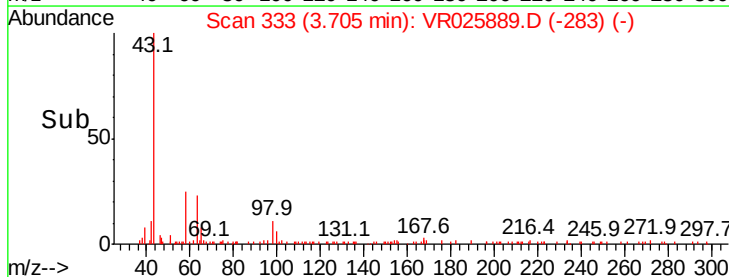
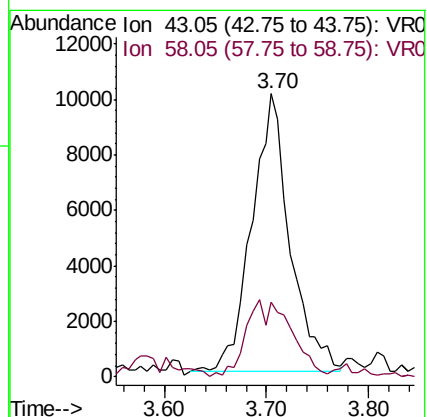
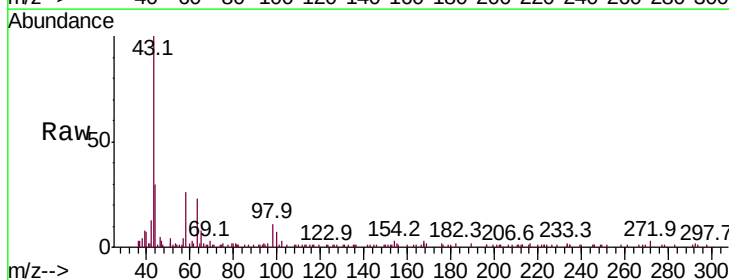
Acq: 27 Sep 2018 23:53

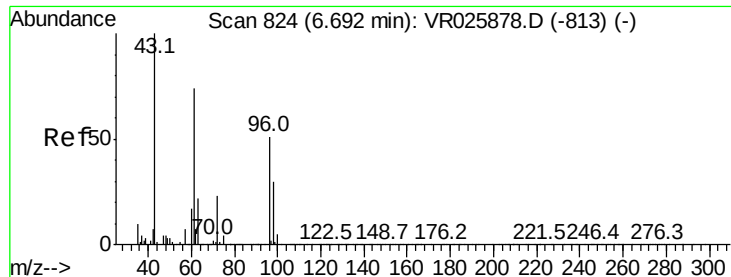
Tgt Ion: 43 Resp: 26133

Ion Ratio Lower Upper

43 100

58 14.9 0.0 51.4





#21

2-Butanone

Concen: 1.576 ug/L

RT: 6.69 min Scan# 824

Delta R.T. 0.00 min

Lab File: VR025889.D

Acq: 27 Sep 2018 23:53

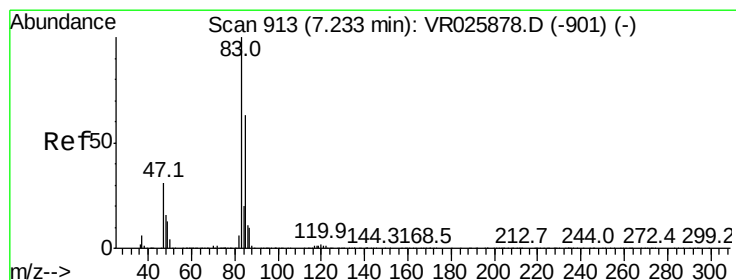
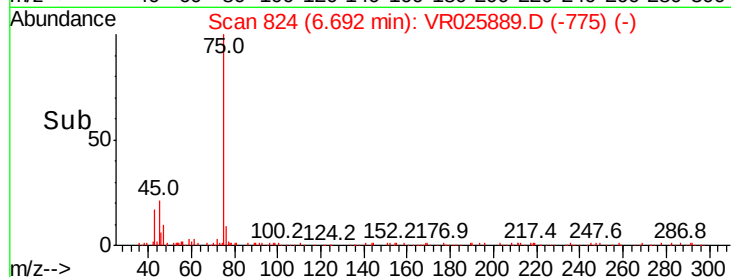
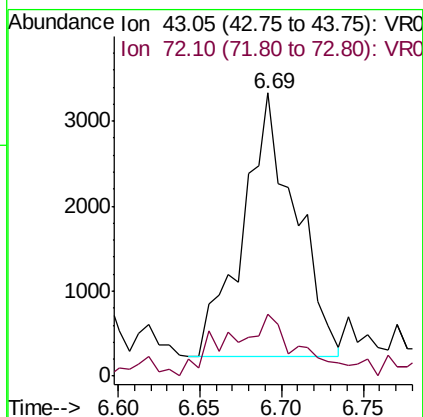
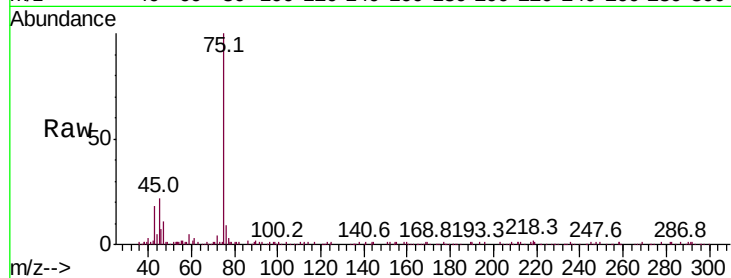
Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 43 Resp: 6905

Ion Ratio Lower Upper

43 100

72 33.2 11.9 35.7



#25

Chloroform

Concen: 0.105 ug/L

RT: 7.24 min Scan# 914

Delta R.T. 0.01 min

Lab File: VR025889.D

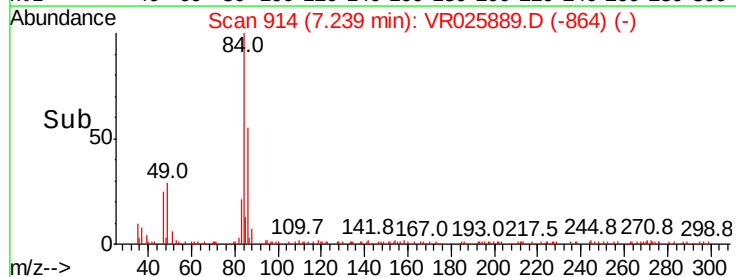
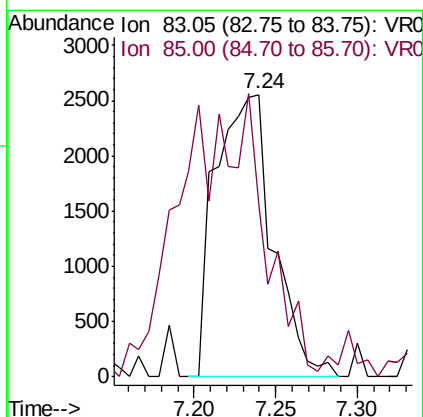
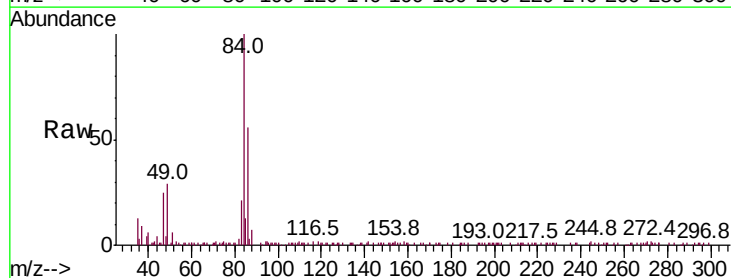
Acq: 27 Sep 2018 23:53

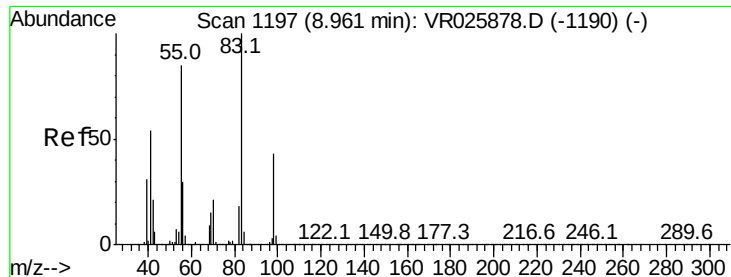
Tgt Ion: 83 Resp: 6290

Ion Ratio Lower Upper

83 100

85 60.8 43.8 81.4

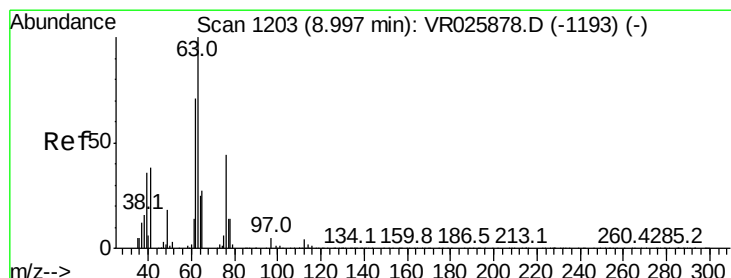
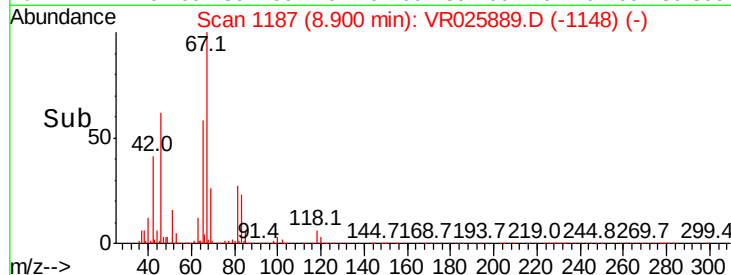
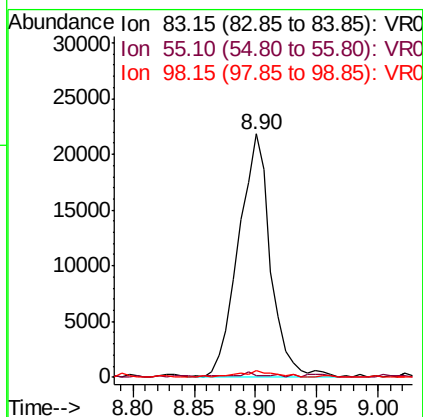
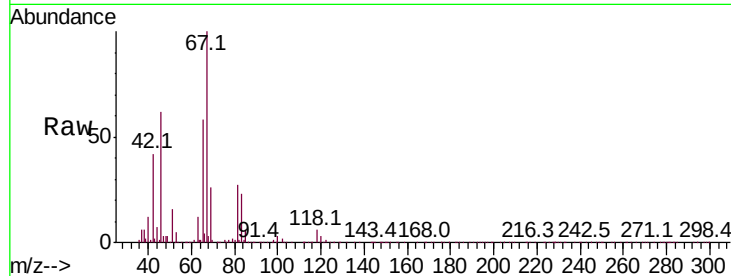




#35
Methylvlcyclohexane
Concen: 0.717 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.06 min
Lab File: VR025889.D
Acq: 27 Sep 2018 23:53

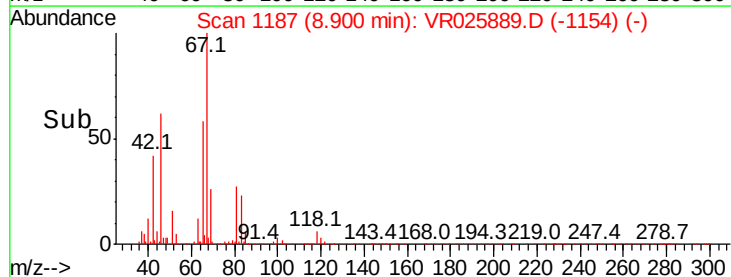
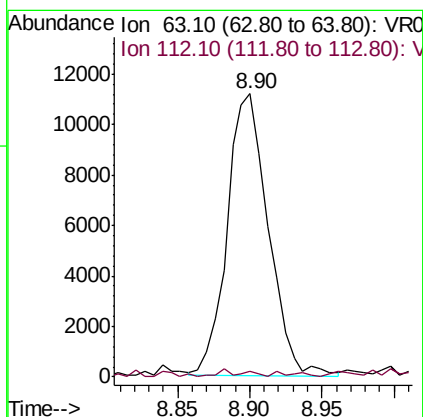
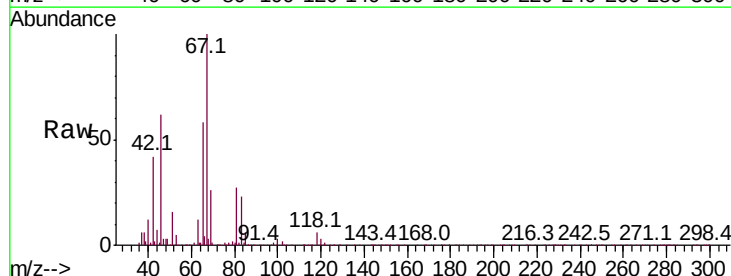
Instrument :
MSVOA_R
ClientSampleId :

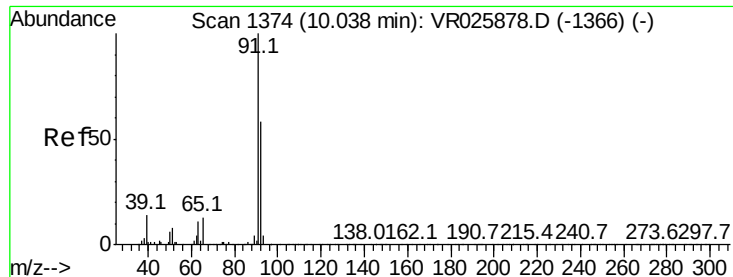
Tot Ion: 83 Resp: 38936
Ion Ratio Lower Upper
83 100
55 1.5 71.8 107.6#
98 3.2 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.755 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR025889.D
Acq: 27 Sep 2018 23:53

Tgt Ion: 63 Resp: 22185
Ion Ratio Lower Upper
63 100
112 0.6 2.5 3.7#





#42

Toluene

Concen: 0.237 ug/L

RT: 10.03 min Scan# 1373

Delta R.T. -0.01 min

Lab File: VR025889.D

Acq: 27 Sep 2018 23:53

Instrument :

MSVOA_R

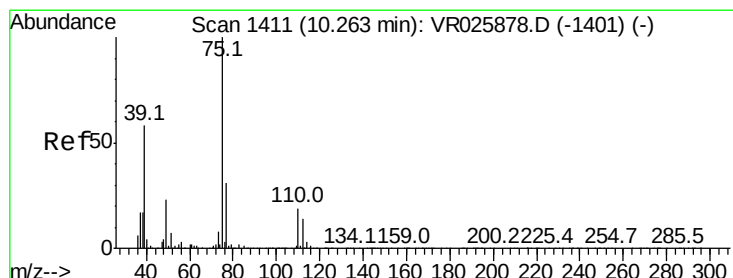
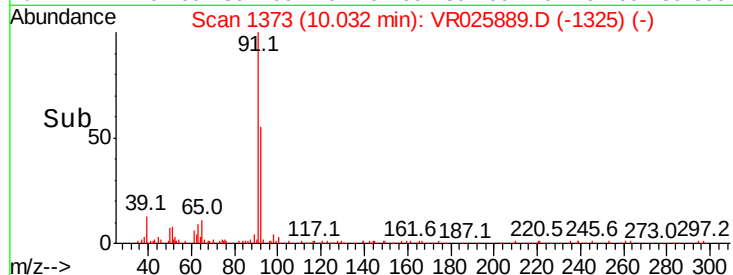
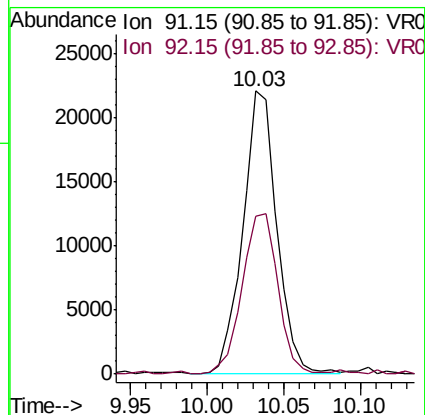
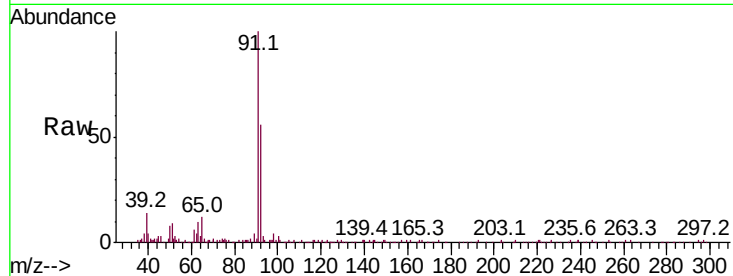
ClientSampleId :

Tot Ion: 91 Resp: 33751

Ion Ratio Lower Upper

91 100

92 55.7 41.8 77.6



#44

trans-1,3-Dichloropropene

Concen: 0.116 ug/L

RT: 10.23 min Scan# 1406

Delta R.T. -0.03 min

Lab File: VR025889.D

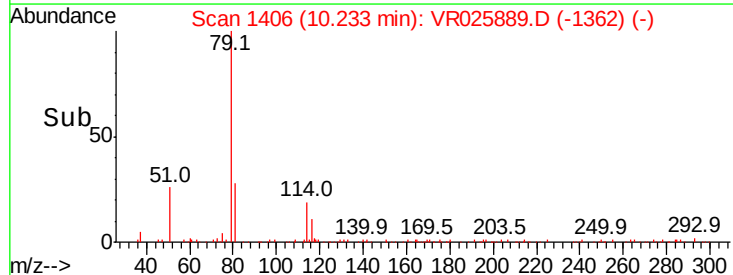
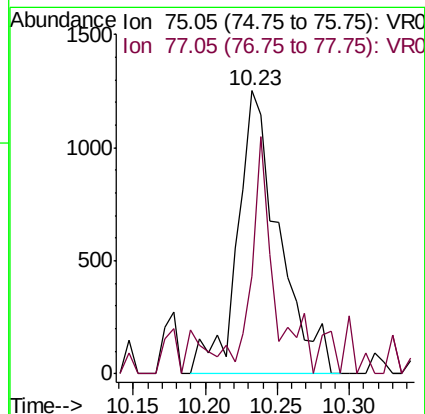
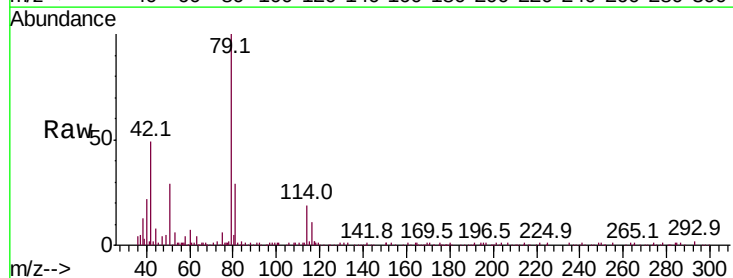
Acq: 27 Sep 2018 23:53

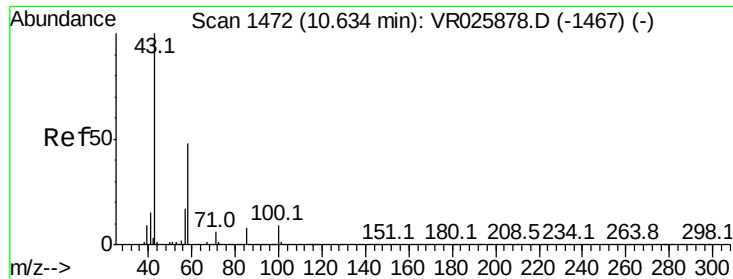
Tgt Ion: 75 Resp: 2507

Ion Ratio Lower Upper

75 100

77 34.6 23.0 42.8

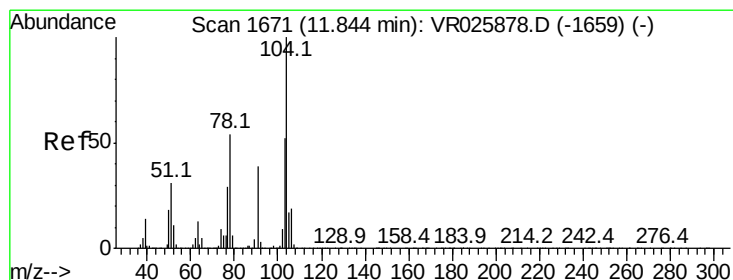
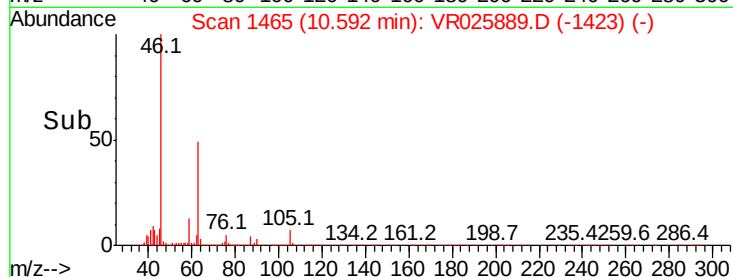
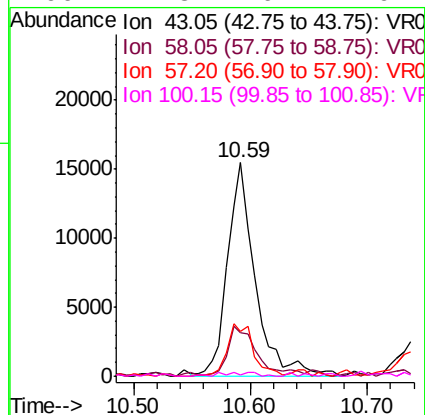
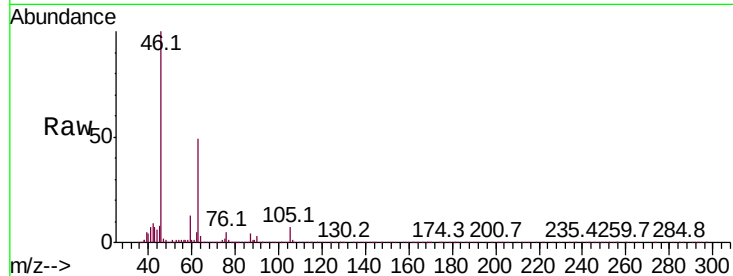




#48
2-Hexanone
Concen: 3.778 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR025889.D
Acq: 27 Sep 2018 23:53

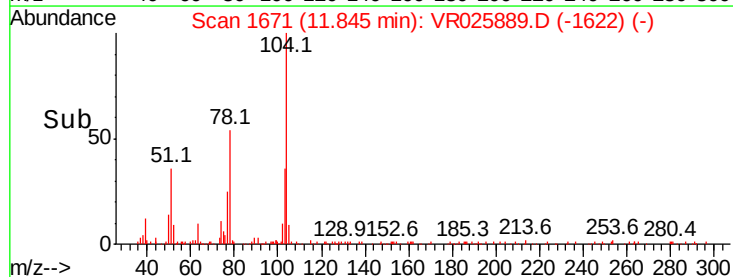
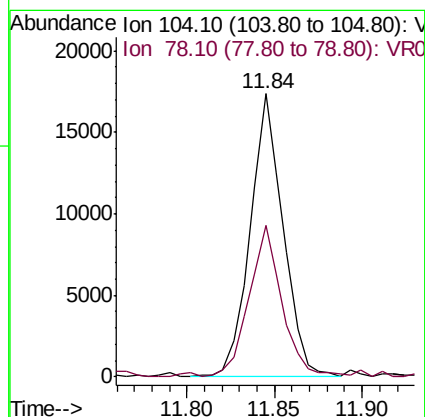
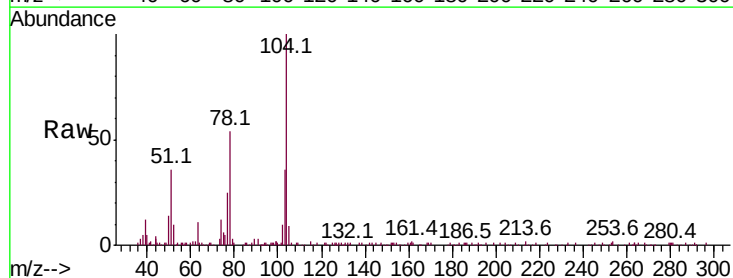
Instrument :
MSVOA_R
ClientSampleId :

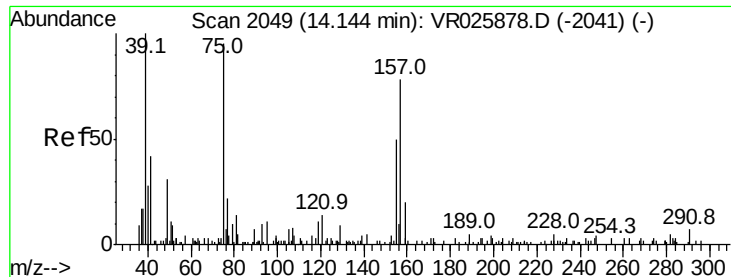
Tot Ion:	43	Resp:	25572
Ion	Ratio	Lower	Upper
43	100		
58	23.9	39.5	59.3#
57	23.3	14.6	21.8#
100	1.3	6.7	10.1#



#55
Styrene
Concen: 0.270 ug/L
RT: 11.84 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VR025889.D
Acq: 27 Sep 2018 23:53

Tgt Ion:	104	Resp:	22637
Ion	Ratio	Lower	Upper
104	100		
78	53.6	39.3	72.9





#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.343 ug/L
 RT: 14.17 min Scan# 2053
 Delta R.T. 0.02 min
 Lab File: VR025889.D
 Acq: 27 Sep 2018 23:53

Instrument :
 MSVOA_R
 ClientSampleId :

Tot Ion: 75 Resp: 467
 Ion Ratio Lower Upper
 75 100
 155 0.0 37.8 56.6#
 157 0.0 49.7 74.5#

