

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\
 Data File : VW005755.D
 Acq On : 02 Oct 2018 01:05
 Operator : SY/AP
 Sample : J5181-02
 Misc : 3.91G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 02 07:20:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 02 07:19:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	248936	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	211585	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	65225	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	43235	13.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.48%
7) Chloroethane-d5	2.90	69	39339	15.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.56%
10) 1,1-Dichloroethene-d2	4.01	63	80558	11.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.52%
20) 2-Butanone-d5	7.09	46	28593	28.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.14%
24) Chloroform-d	7.65	84	144833	22.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	8.31	65	90783	23.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.76%
29) Benzene-d6	8.28	84	249619	23.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.32%
33) 1,2-Dichloropropane-d6	9.28	67	88179	29.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.52%
37) Toluene-d8	10.33	98	205929	19.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.64%
38) trans-1,3-Dichloropropene-	10.58	79	31958	20.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.40%
39) 2-Hexanone-d5	10.93	63	21012	29.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	66941	22.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	48995	21.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.92%

Target Compounds

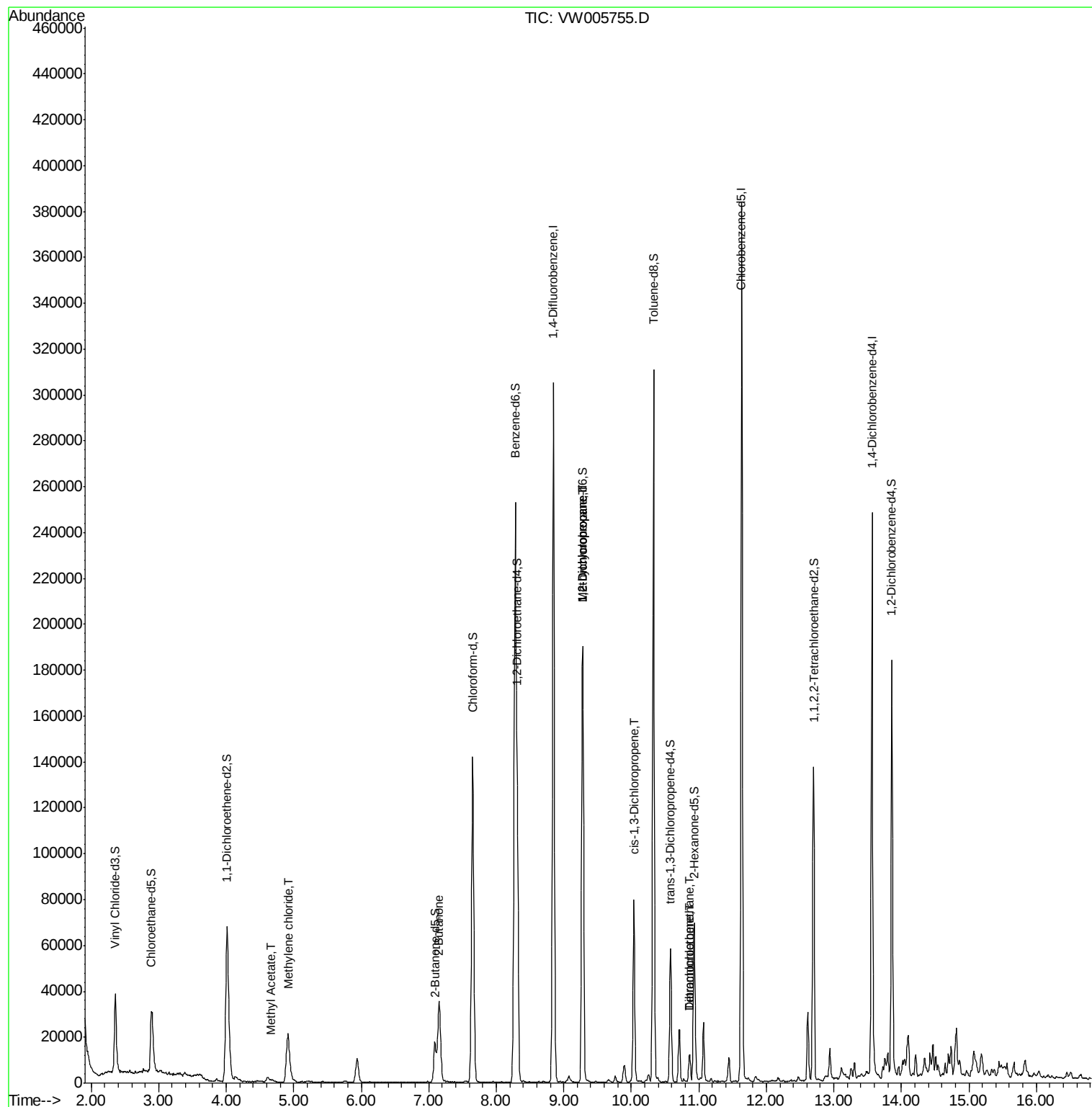
					Ovalue
15) Methyl Acetate	4.67	43	865	0.459 ug/L #	63
16) Methylene chloride	4.92	84	16978	4.136 ug/L	99
21) 2-Butanone	7.15	43	9829	7.736 ug/L #	51
36) Methylcyclohexane	9.27	83	21984	3.953 ug/L #	19
40) 1,2-Dichloropropane	9.28	63	10162	3.488 ug/L #	89
42) cis-1,3-Dichloropropene	10.04	75	2116	0.440 ug/L #	54
47) Tetrachloroethene	10.87	164	2890	1.026 ug/L	93
50) Dibromochloromethane	10.87	129	2347	0.770 ug/L #	13

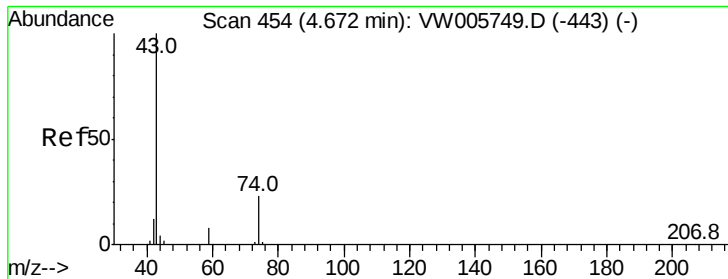
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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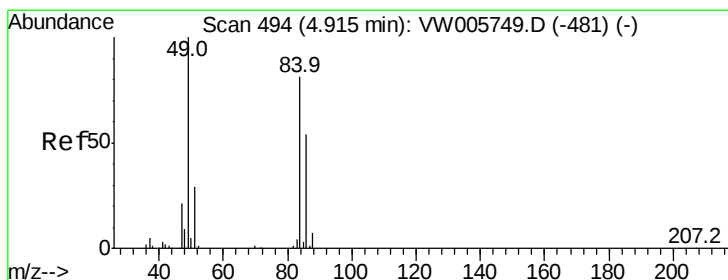
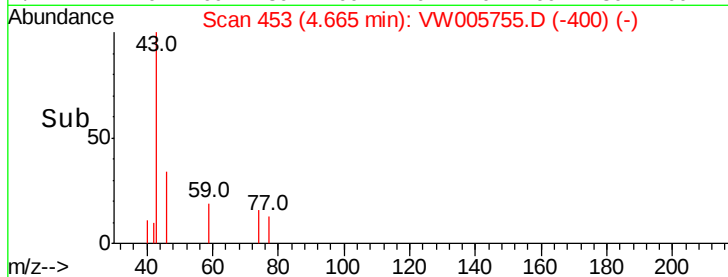
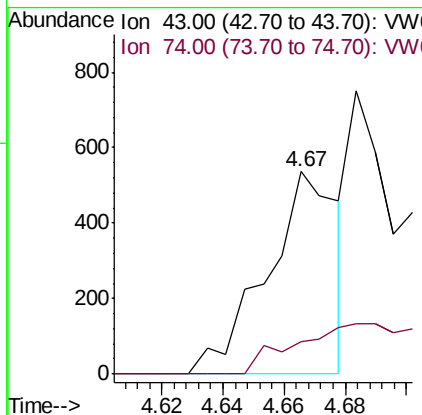
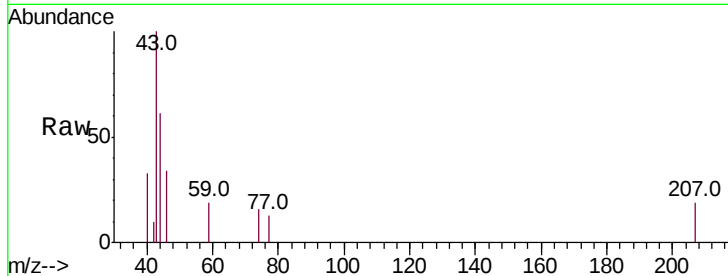




#15
Methyl Acetate
Concen: 0.459 ug/L
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW005755.D
Acq: 02 Oct 2018 01:05

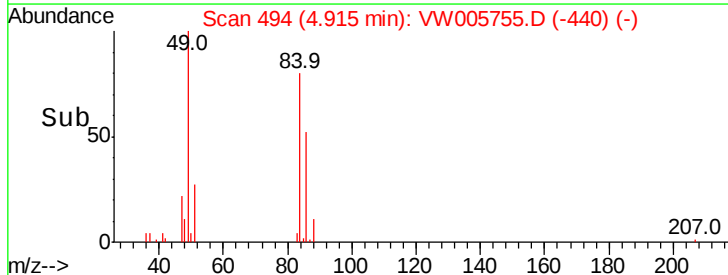
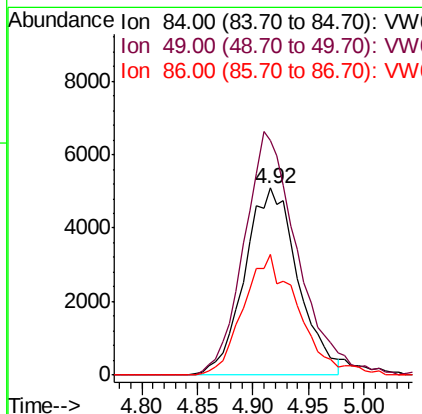
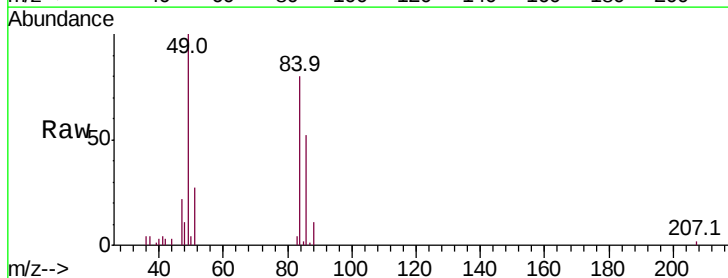
Instrument :
MSVOA_W
ClientSampled :

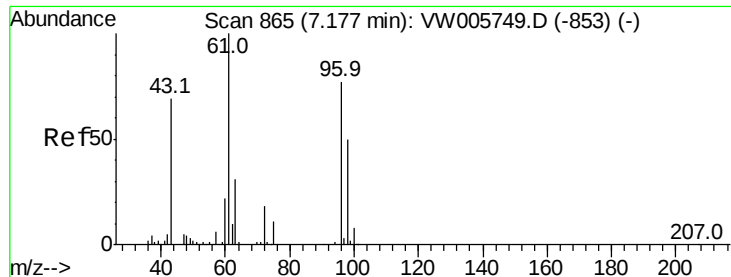
Tot Ion: 43 Resp: 865
Ion Ratio Lower Upper
43 100
74 5.8 19.5 29.3#



#16
Methylene chloride
Concen: 4.136 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW005755.D
Acq: 02 Oct 2018 01:05

Tgt Ion: 84 Resp: 16978
Ion Ratio Lower Upper
84 100
49 125.0 87.2 162.0
86 64.5 43.2 80.2





#21

2-Butanone

Concen: 7.736 ug/L

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: VW005755.D

Acq: 02 Oct 2018 01:05

Instrument :

MSVOA_W

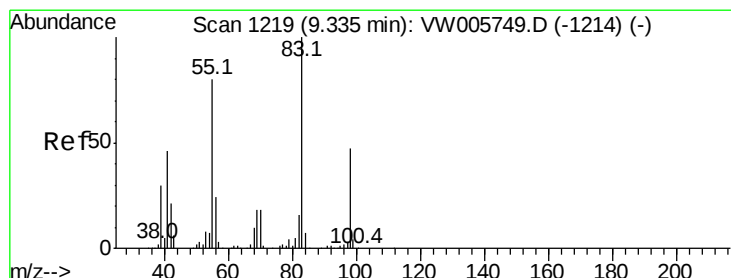
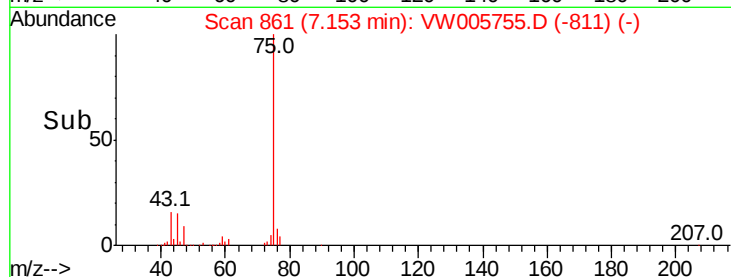
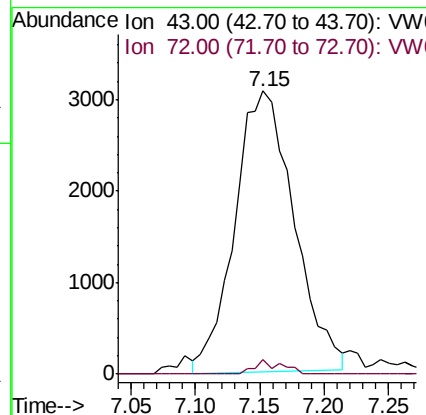
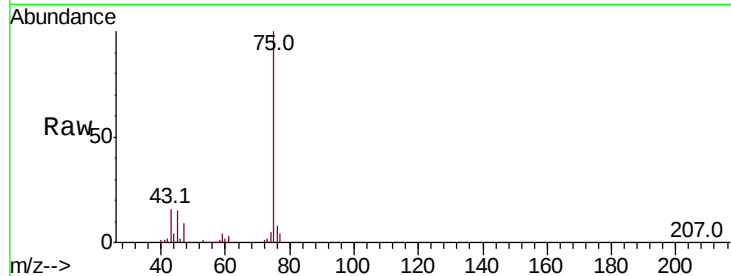
ClientSampleId :

Tot Ion: 43 Resp: 9829

Ion Ratio Lower Upper

43 100

72 1.3 13.2 39.6#



#36

Methylcyclohexane

Concen: 3.953 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW005755.D

Acq: 02 Oct 2018 01:05

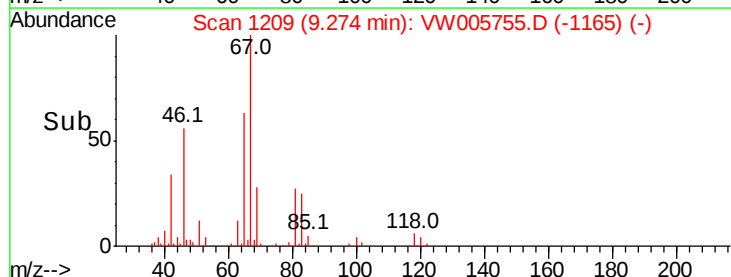
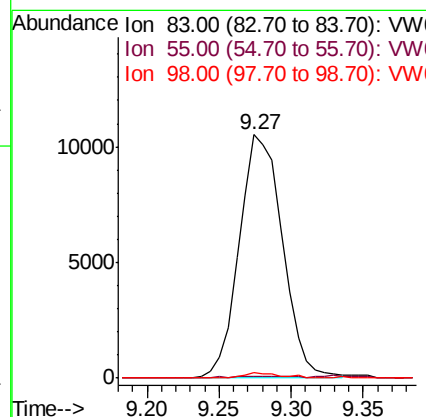
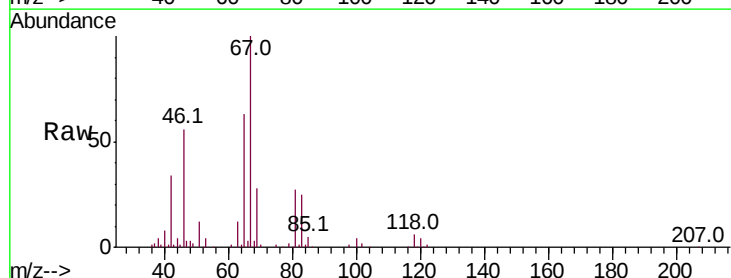
Tgt Ion: 83 Resp: 21984

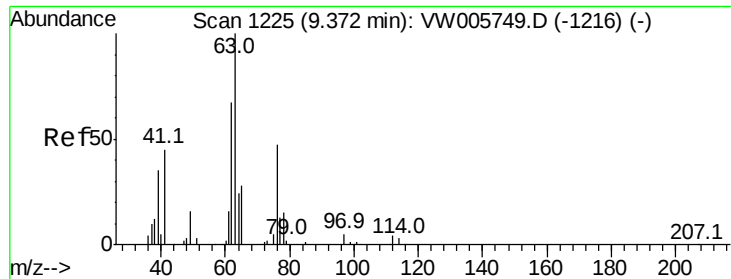
Ion Ratio Lower Upper

83 100

55 0.5 62.5 93.7#

98 1.7 37.7 56.5#





#40

1,2-Dichloropropane

Concen: 3.488 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW005755.D

Acq: 02 Oct 2018 01:05

Instrument :

MSVOA_W

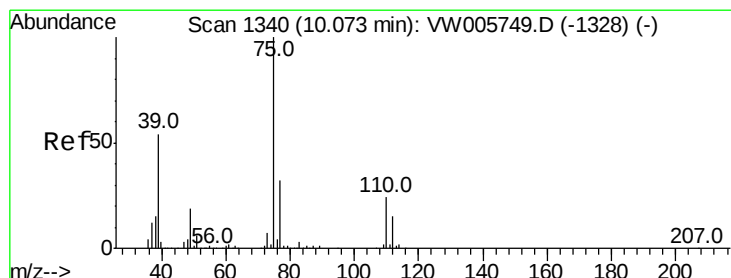
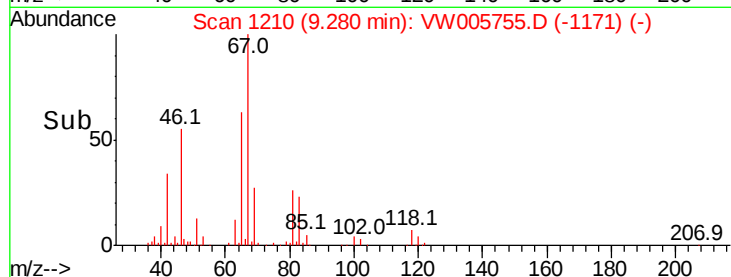
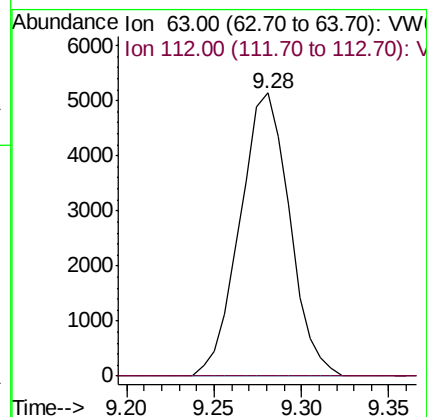
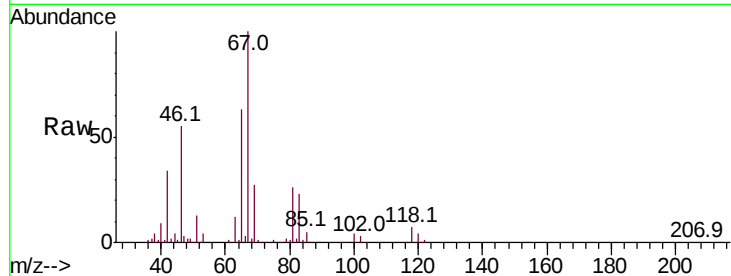
ClientSampleId :

Tot Ion: 63 Resp: 10162

Ion Ratio Lower Upper

63 100

112 0.7 3.4 5.2#



#42

cis-1,3-Dichloropropene

Concen: 0.440 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW005755.D

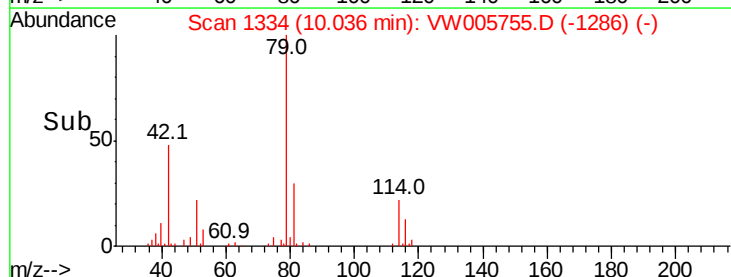
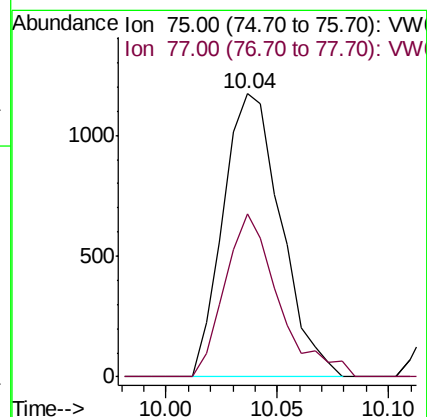
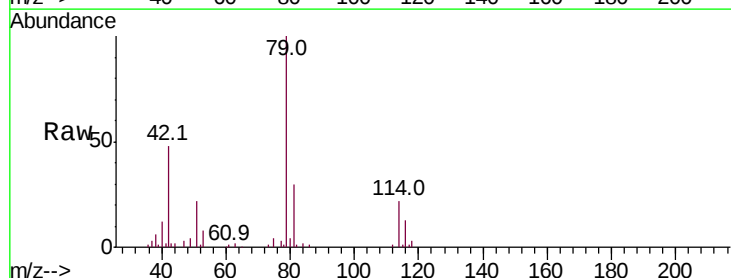
Acq: 02 Oct 2018 01:05

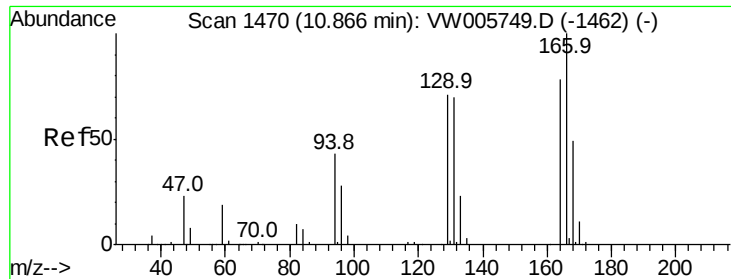
Tgt Ion: 75 Resp: 2116

Ion Ratio Lower Upper

75 100

77 57.4 22.3 41.3#

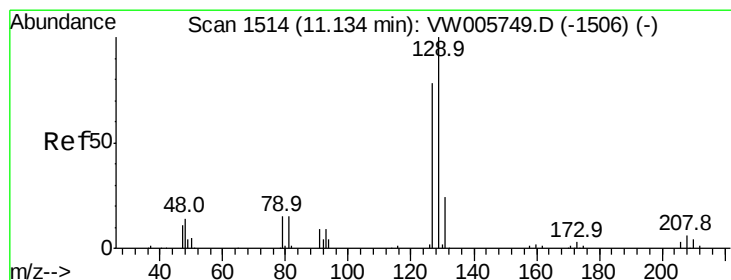
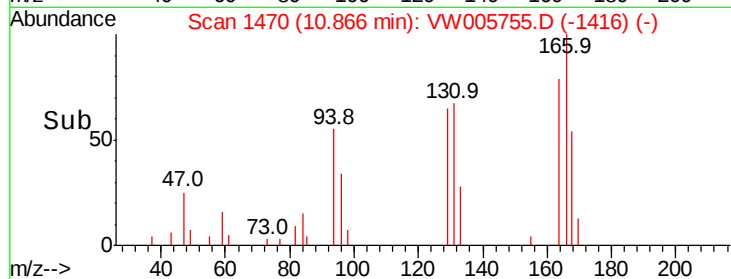
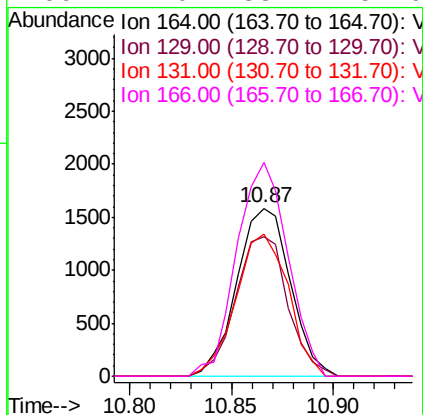
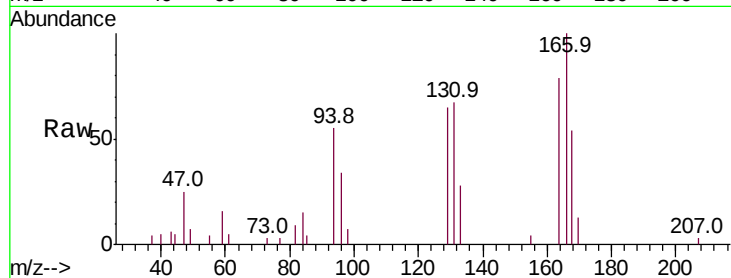




#47
Tetrachloroethene
Concen: 1.026 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005755.D
Acq: 02 Oct 2018 01:05

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:164 Resp: 2890
Ion Ratio Lower Upper
164 100
129 82.9 63.8 118.4
131 84.6 61.5 114.3
166 127.0 83.2 154.6



#50
Dibromochloromethane
Concen: 0.770 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.27 min
Lab File: VW005755.D
Acq: 02 Oct 2018 01:05

Tgt Ion:129 Resp: 2347
Ion Ratio Lower Upper
129 100
127 0.0 51.7 95.9#

