

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
 Data File : VW009775.D
 Acq On : 06 Apr 2019 16:24
 Operator : SY/VA
 Sample : K2277-22
 Misc : 5.45G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2R6

Quant Time: Apr 07 04:00:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 03:56:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	476754	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	453466	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	196909	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	162523	26.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.20%
7) Chloroethane-d5	2.89	69	146017	25.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.20%
10) 1,1-Dichloroethene-d2	4.01	63	281694	21.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.00%
20) 2-Butanone-d5	7.07	46	92980	45.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.80%
24) Chloroform-d	7.64	84	359721	27.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.60%
26) 1,2-Dichloroethane-d4	8.51	65	128	0.02	ug/L	0.20
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	691145	29.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.12%
33) 1,2-Dichloropropane-d6	9.27	67	210596	28.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.56%
37) Toluene-d8	10.32	98	636953	28.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.76%
38) trans-1,3-Dichloropropene-	10.58	79	88703	25.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.20%
39) 2-Hexanone-d5	10.93	63	70271	50.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	161533	23.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	213699	30.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	123.72%#

Target Compounds

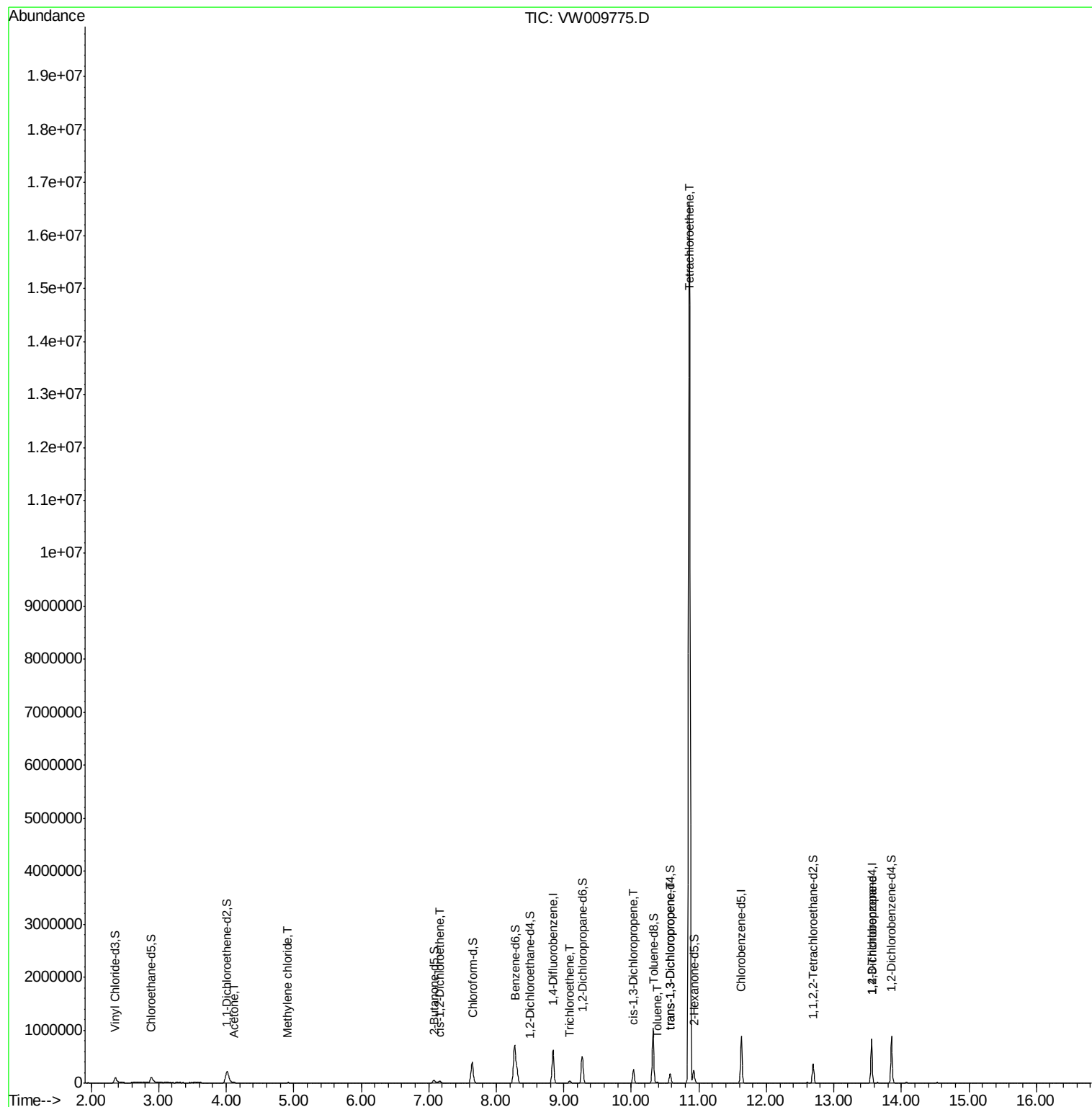
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.12	43	9182	4.231	ug/L	83
16) Methylene chloride	4.90	84	8429	1.002	ug/L #	61
22) cis-1,2-Dichloroethene	7.16	96	17235	2.447	ug/L	94
35) Trichloroethene	9.09	95	9887	1.385	ug/L	90
42) cis-1,3-Dichloropropene	10.03	75	7182	0.664	ug/L #	78
44) Toluene	10.39	91	9787	0.339	ug/L	92
45) trans-1,3-Dichloropropene	10.57	75	4898	0.525	ug/L #	78
47) Tetrachloroethene	10.86	164	3215165	571.744	ug/L	98
59) 1,2,3-Trichloropropane	13.56	75	26852	5.117	ug/L	90

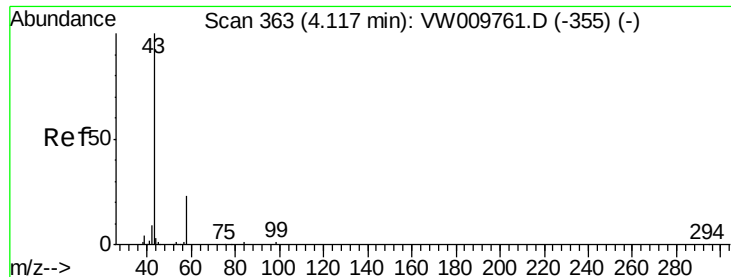
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Apr 07 03:56:20 2019
Response via : Initial Calibration





#13

Acetone

Concen: 4.231 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009775.D

Acq: 06 Apr 2019 16:24

Instrument :

MSVOA_W

ClientSampleId :

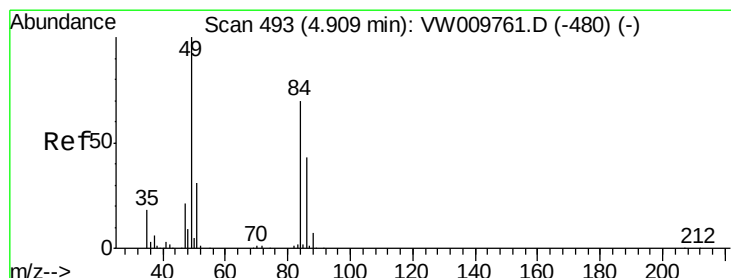
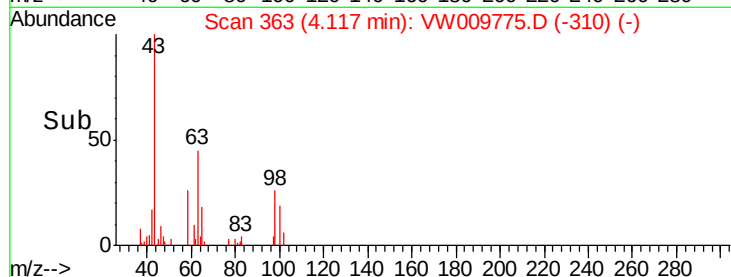
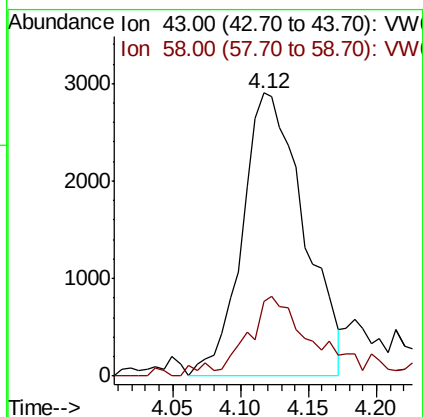
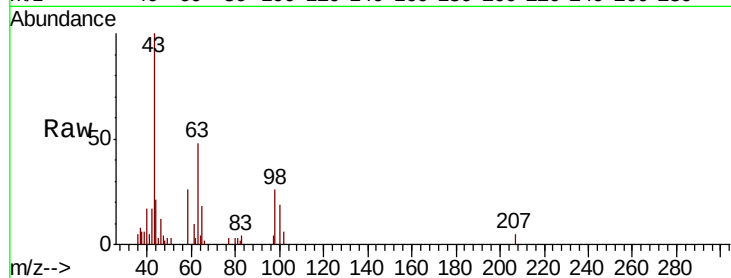
BF2R6

Tgt Ion: 43 Resp: 9182

Ion Ratio Lower Upper

43 100

58 17.9 0.0 53.0



#16

Methylene chloride

Concen: 1.002 ug/L

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW009775.D

Acq: 06 Apr 2019 16:24

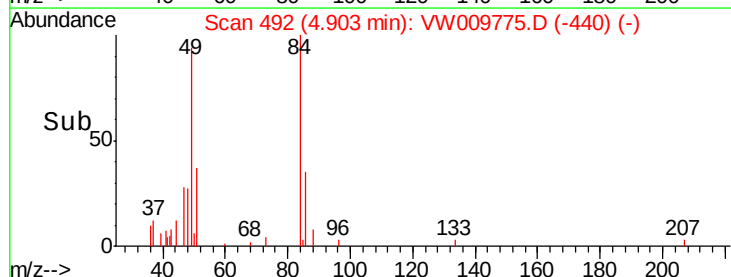
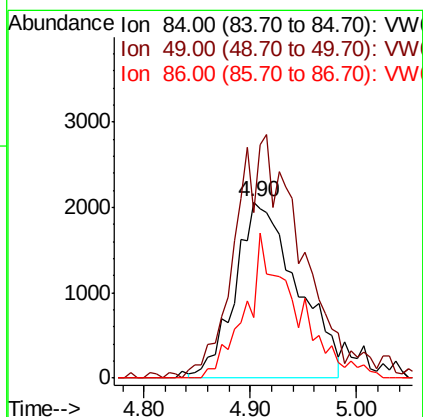
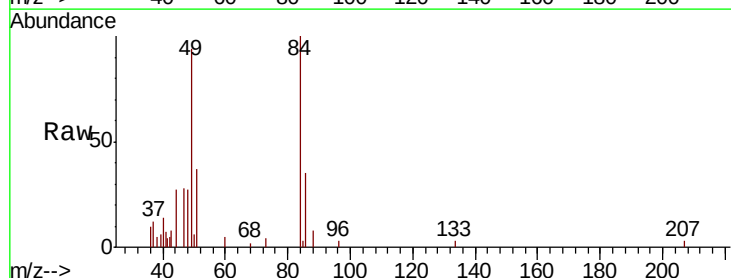
Tgt Ion: 84 Resp: 8429

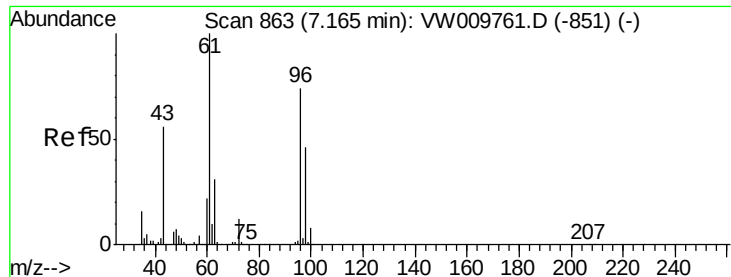
Ion Ratio Lower Upper

84 100

49 93.8 98.3 182.5#

86 34.7 46.4 86.2#





#22

cis-1,2-Dichloroethene

Concen: 2.447 ug/L

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW009775.D

Acq: 06 Apr 2019 16:24

Instrument :

MSVOA_W

ClientSampleId :

BF2R6

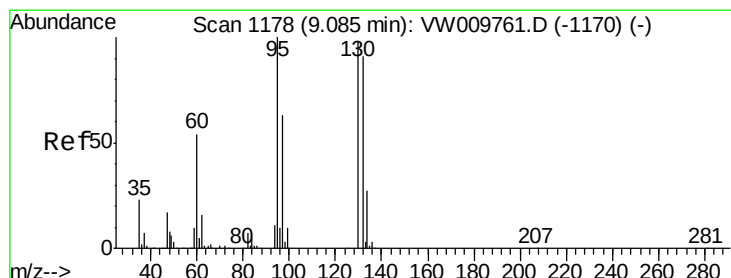
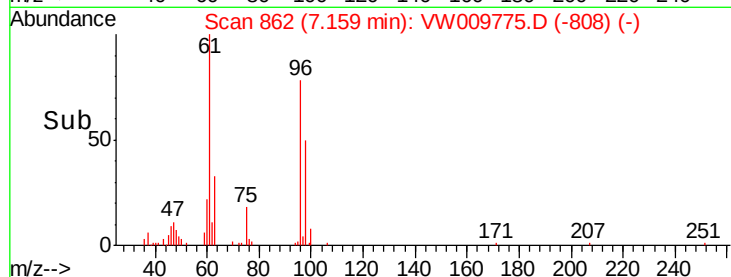
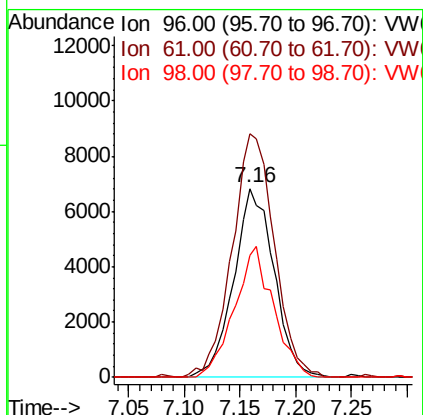
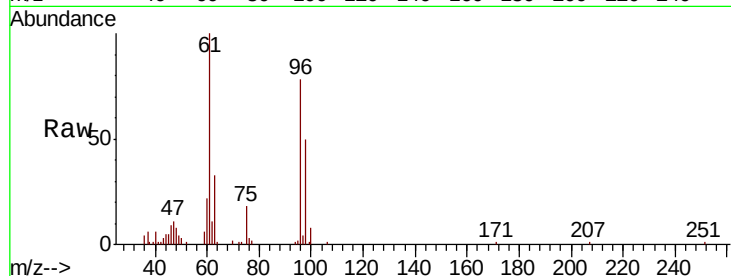
Tgt Ion: 96 Resp: 17235

Ion Ratio Lower Upper

96 100

61 128.8 96.8 179.8

98 64.8 43.5 80.9



#35

Trichloroethene

Concen: 1.385 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW009775.D

Acq: 06 Apr 2019 16:24

Tgt Ion: 95 Resp: 9887

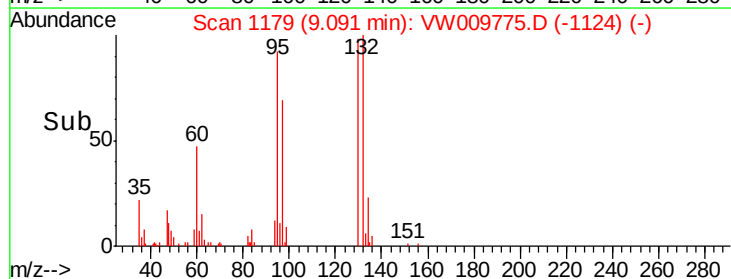
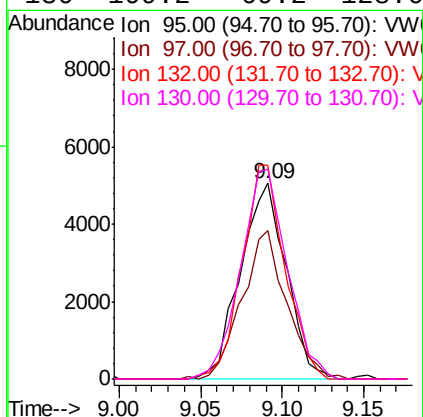
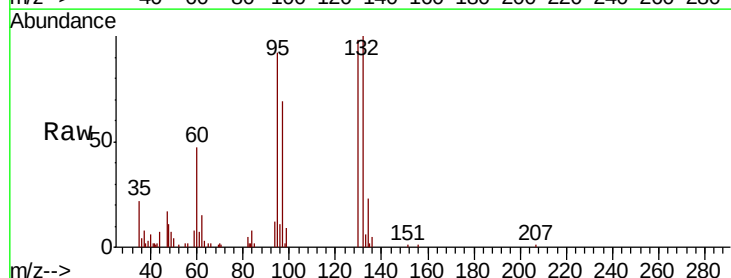
Ion Ratio Lower Upper

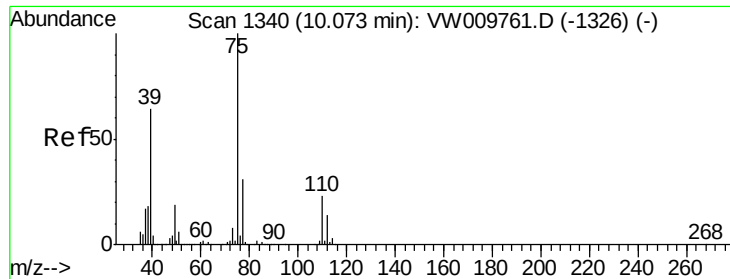
95 100

97 73.6 44.9 83.5

132 102.8 67.1 124.7

130 109.2 69.2 128.6





#42

cis-1,3-Dichloropropene

Concen: 0.664 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009775.D

Acq: 06 Apr 2019 16:24

Instrument :

MSVOA_W

ClientSampleId :

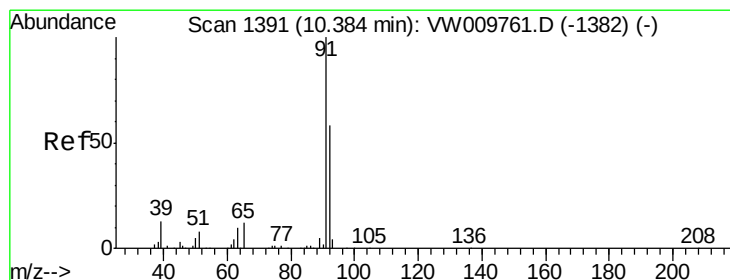
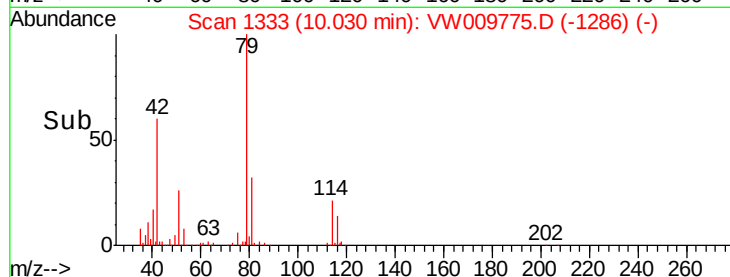
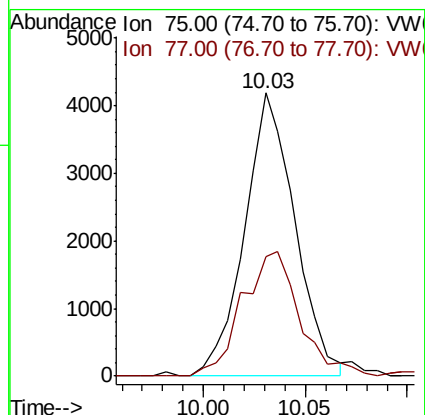
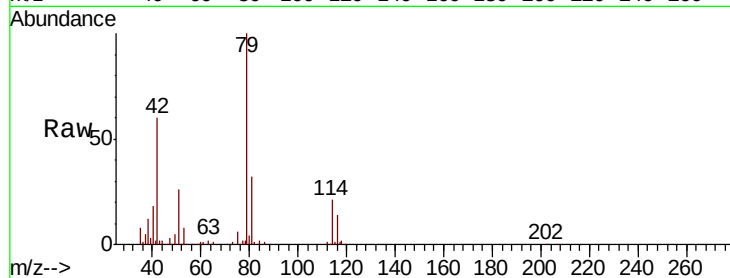
BF2R6

Tgt Ion: 75 Resp: 7182

Ion Ratio Lower Upper

75 100

77 42.0 21.0 39.0#



#44

Toluene

Concen: 0.339 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW009775.D

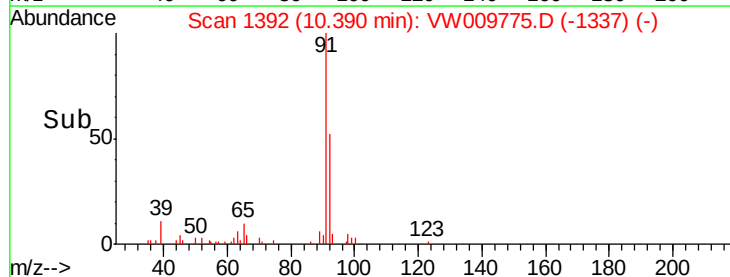
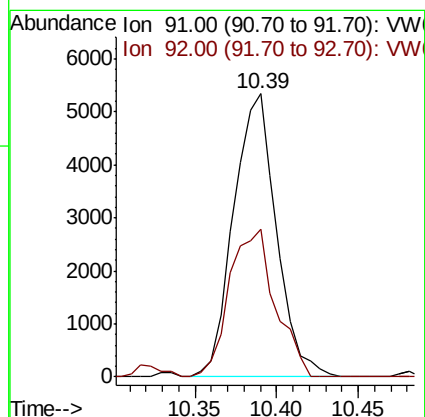
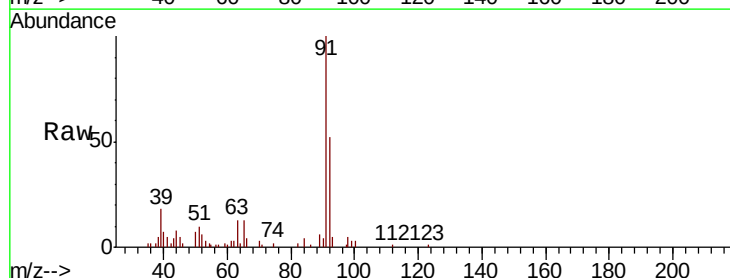
Acq: 06 Apr 2019 16:24

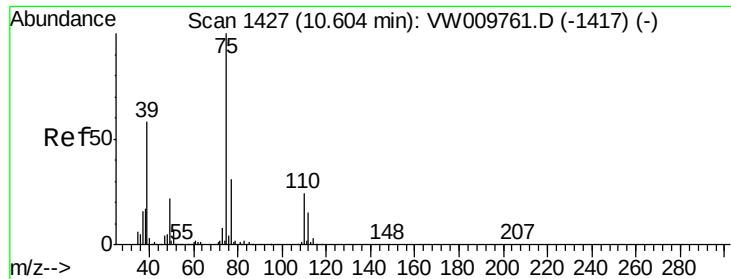
Tgt Ion: 91 Resp: 9787

Ion Ratio Lower Upper

91 100

92 52.2 40.5 75.1





#45

trans-1,3-Dichloropropene

Concen: 0.525 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009775.D

Acq: 06 Apr 2019 16:24

Instrument :

MSVOA_W

ClientSampleId :

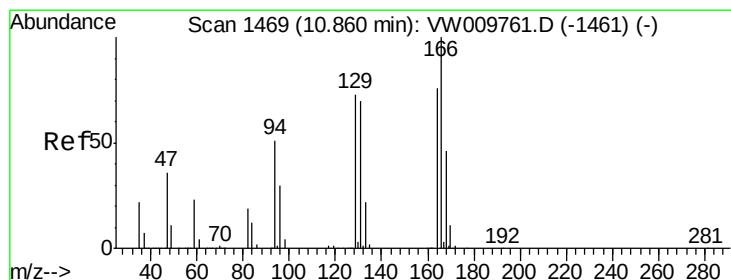
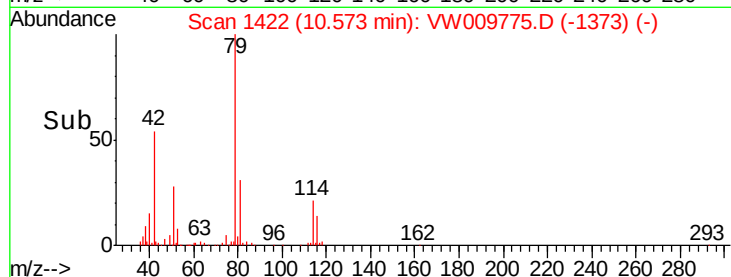
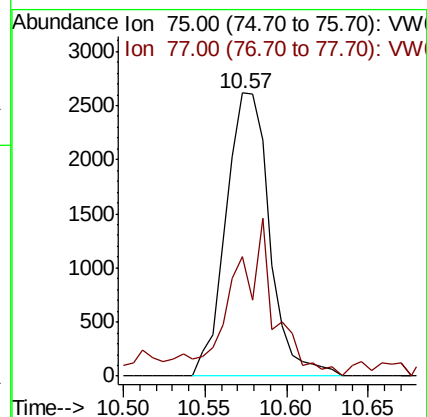
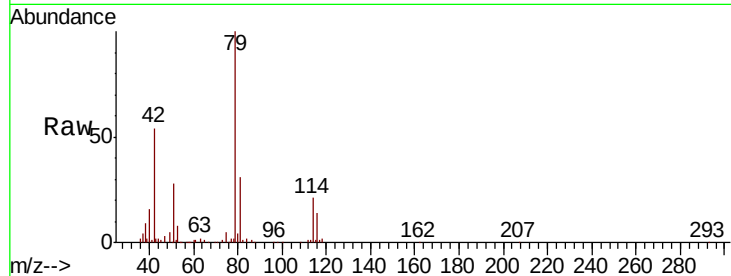
BF2R6

Tgt Ion: 75 Resp: 4898

Ion Ratio Lower Upper

75 100

77 42.3 21.1 39.3#



#47

Tetrachloroethene

Concen: 571.744 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009775.D

Acq: 06 Apr 2019 16:24

Tgt Ion:164 Resp: 3215165

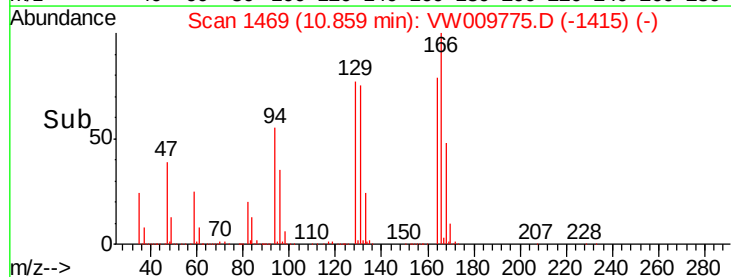
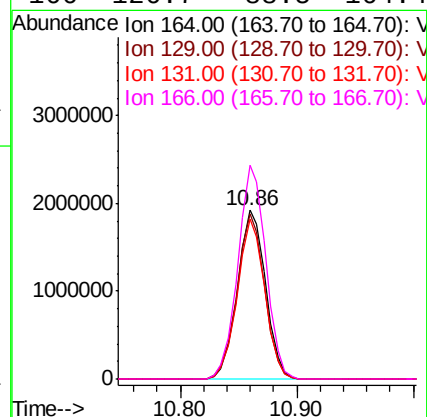
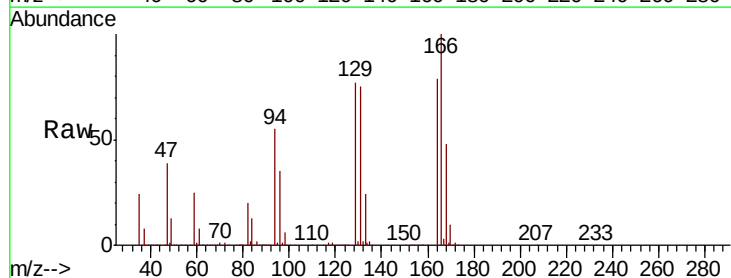
Ion Ratio Lower Upper

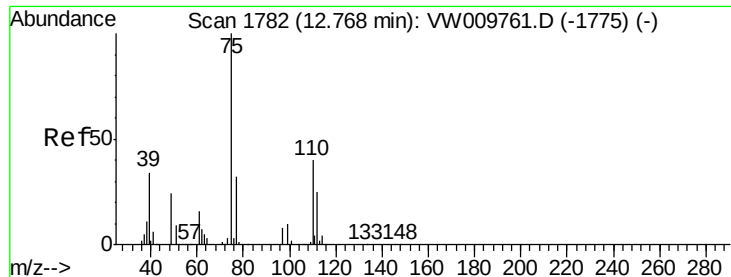
164 100

129 97.9 68.9 127.9

131 94.6 63.1 117.1

166 126.7 88.5 164.4





#59

1,2,3-Trichloropropane

Concen: 5.117 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009775.D

Acq: 06 Apr 2019 16:24

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ClientSampleId :

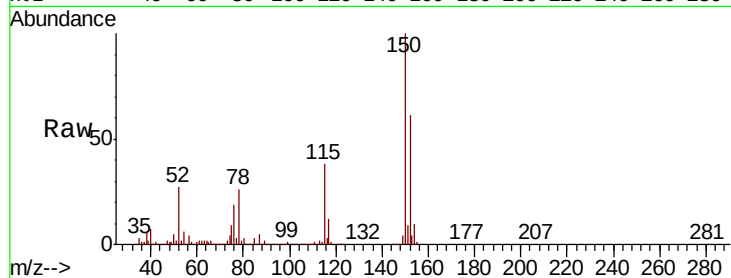
BF2R6

Tgt Ion: 75 Resp: 26852

Ion Ratio Lower Upper

75 100

77 38.2 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

