

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091020\
 Data File : VW016528.D
 Acq On : 10 Sep 2020 16:46
 Operator : SY/VA
 Sample : L3945-11RE
 Misc : 6.17G/10ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFX00RE

Quant Time: Sep 11 06:16:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 11 06:07:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	514882	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	417218	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	133782	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	120172	22.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.00%
7) Chloroethane-d5	2.90	69	119366	24.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.32%
10) 1,1-Dichloroethene-d2	4.03	63	173620	13.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.28%
20) 2-Butanone-d5	7.08	46	59792	30.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.30%
24) Chloroform-d	7.65	84	289648	24.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.08%
26) 1,2-Dichloroethane-d4	8.31	65	154273	23.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.56%
29) Benzene-d6	8.28	84	517378	24.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.56%
33) 1,2-Dichloropropane-d6	9.28	67	157694	25.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.24%
37) Toluene-d8	10.33	98	445184	22.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.32%
38) trans-1,3-Dichloropropene-	10.58	79	67586	21.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.00%
39) 2-Hexanone-d5	10.93	63	49275	38.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	119427	22.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	116455	25.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.76%

Target Compounds

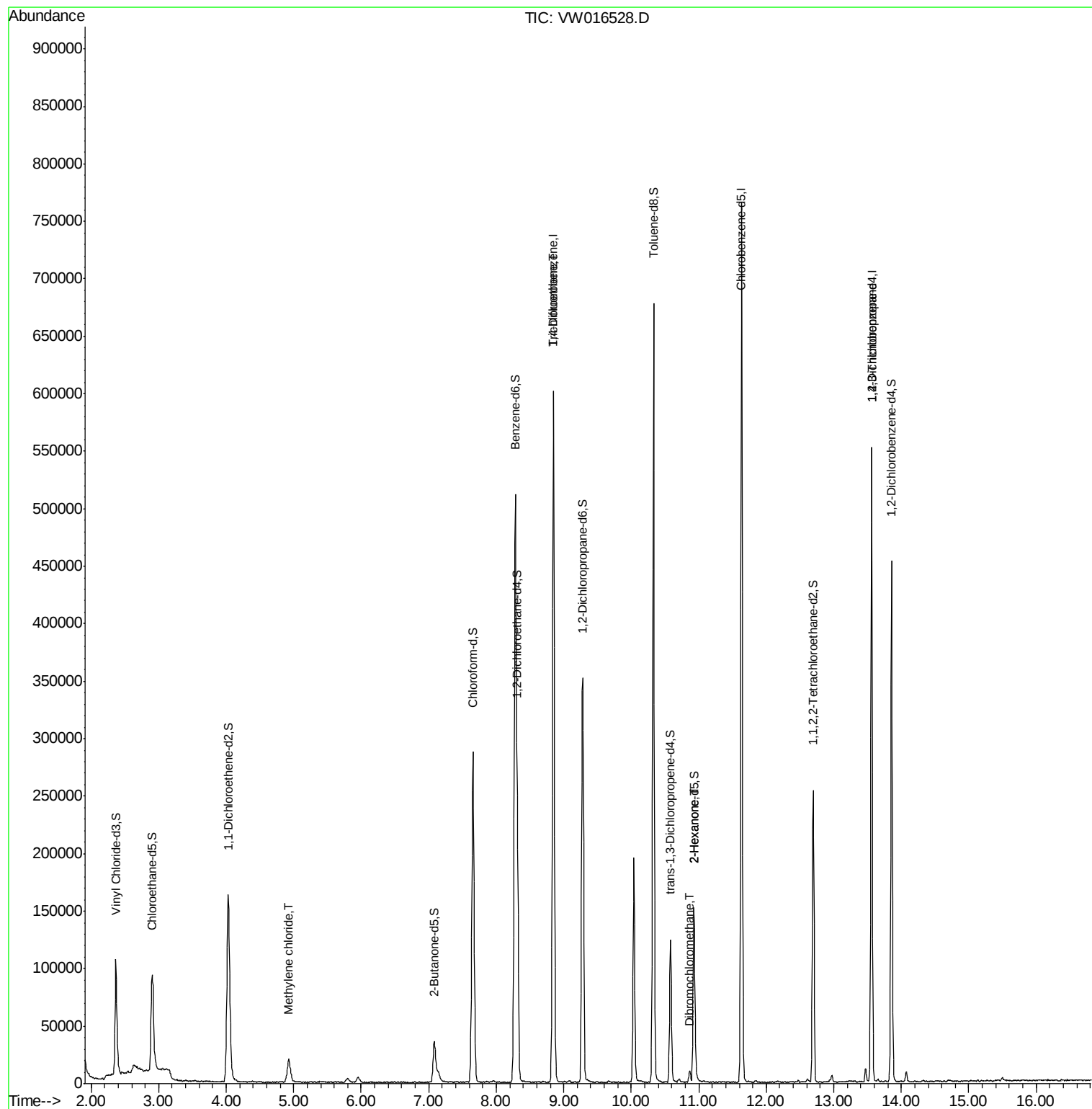
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.93	84	16064	1.999	ug/L	89
35) Trichloroethene	8.85	95	15505	2.453	ug/L #	4
49) 2-Hexanone	10.93	43	6102	2.194	ug/L #	72
50) Dibromochloromethane	10.87	129	2286	0.404	ug/L #	10
59) 1,2,3-Trichloropropane	13.56	75	18624	4.676	ug/L	92

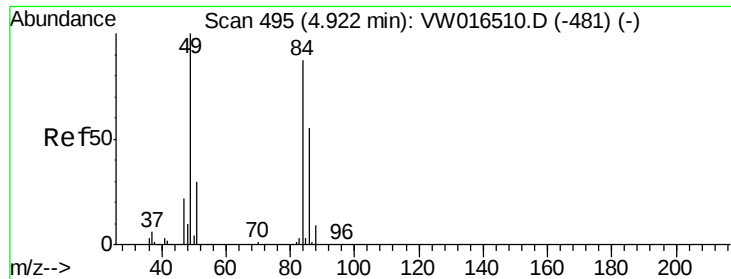
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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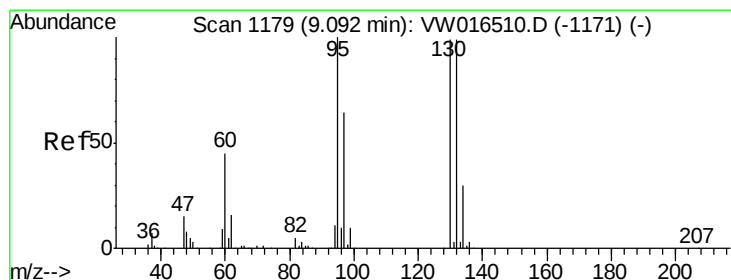
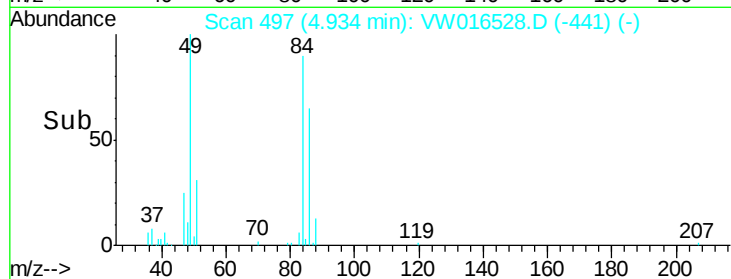
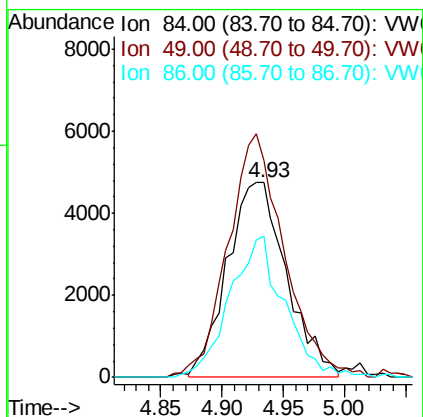
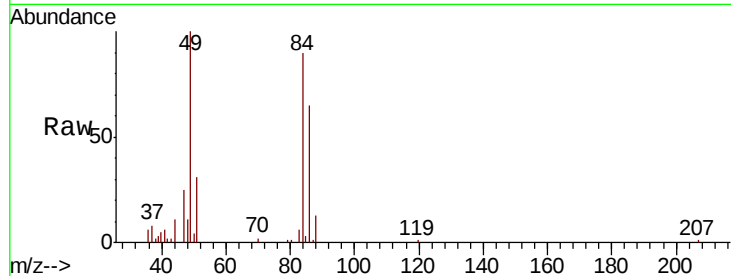




#16
Methvlene chloride
Concen: 1.999 ug/L
RT: 4.93 min Scan# 497
Delta R.T. 0.01 min
Lab File: VW016528.D
Acq: 10 Sep 2020 16:46

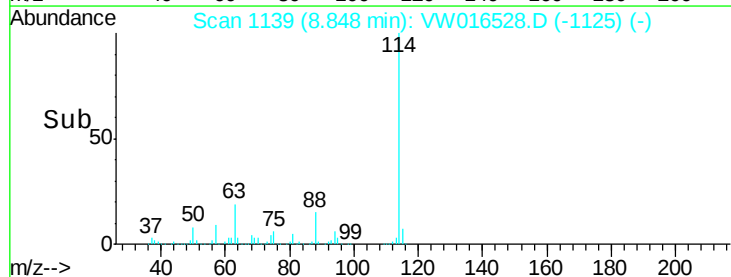
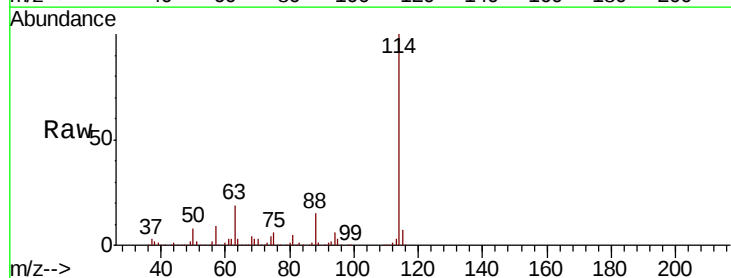
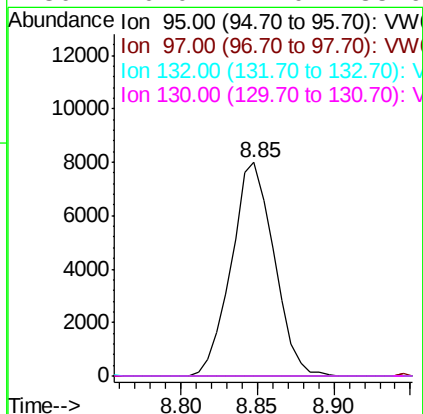
Instrument :
MSVOA_W
ClientSampleId :
BFX00RE

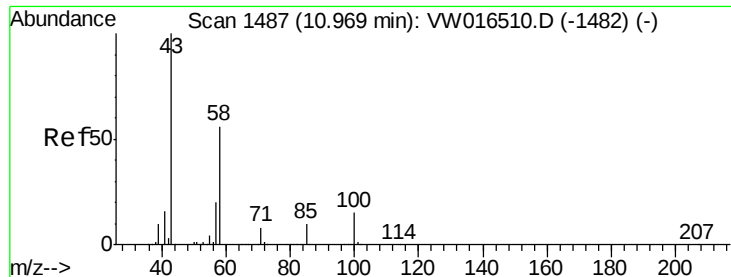
Tot Ion: 84 Resp: 16064
Ion Ratio Lower Upper
84 100
49 111.6 86.7 160.9
86 72.6 44.9 83.5



#35
Trichloroethene
Concen: 2.453 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW016528.D
Acq: 10 Sep 2020 16:46

Tgt Ion: 95 Resp: 15505
Ion Ratio Lower Upper
95 100
97 0.3 44.9 83.5#
132 0.5 69.2 128.4#
130 0.0 72.0 133.6#





#49

2-Hexanone

Concen: 2.194 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016528.D

Acq: 10 Sep 2020 16:46

Instrument :

MSVOA_W

ClientSampleId :

BFX00RE

Tot Ion: 43 Resp: 6102

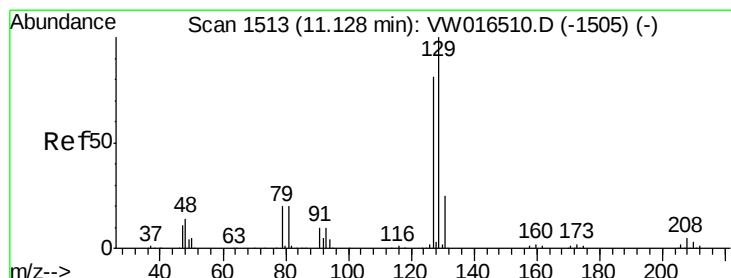
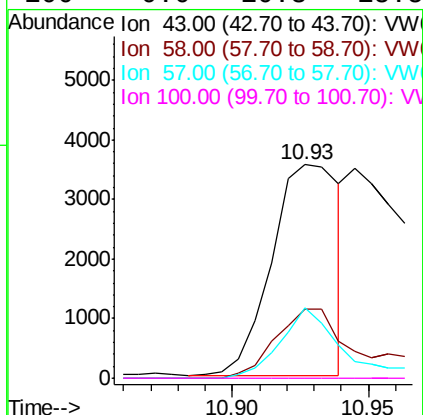
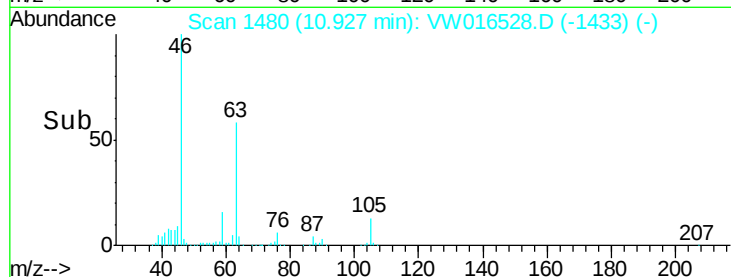
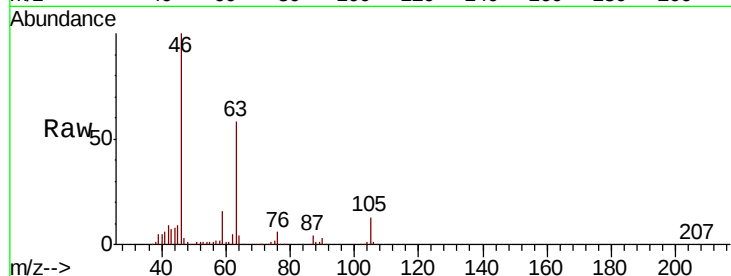
Ion Ratio Lower Upper

43 100

58 33.2 42.1 63.1#

57 29.5 14.9 22.3#

100 0.0 10.3 15.5#



#50

Dibromochloromethane

Concen: 0.404 ug/L

RT: 10.87 min Scan# 1471

Delta R.T. -0.26 min

Lab File: VW016528.D

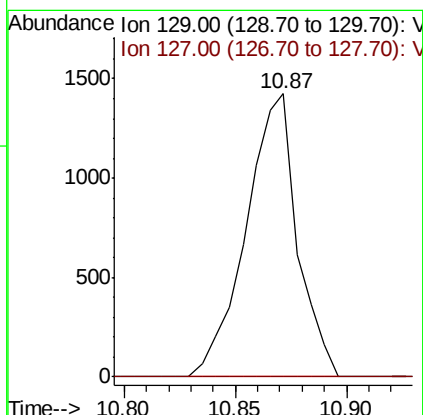
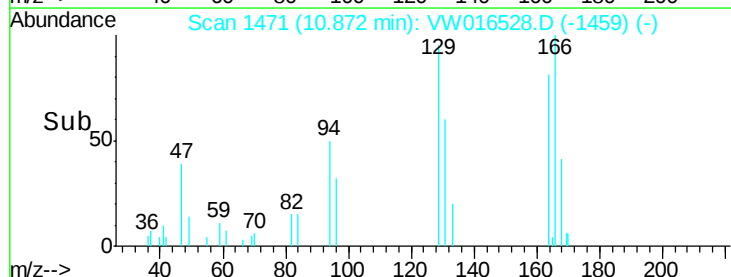
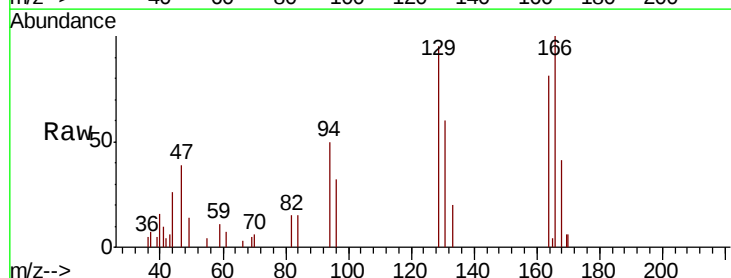
Acq: 10 Sep 2020 16:46

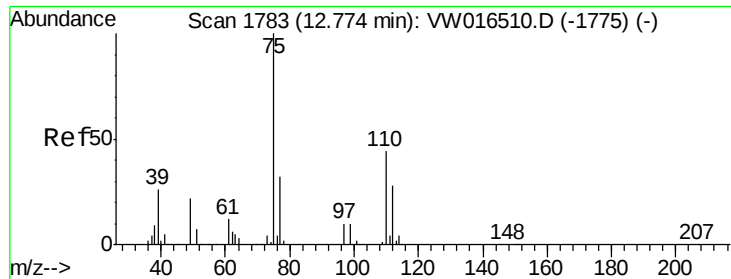
Tgt Ion: 129 Resp: 2286

Ion Ratio Lower Upper

129 100

127 0.0 55.4 103.0#





#59

1,2,3-Trichloropropane

Concen: 4.676 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016528.D

Acq: 10 Sep 2020 16:46

Instrument :

MSVOA_W

ClientSampleId :

BFX00RE

Tot Ion: 75 Resp: 18624

Ion Ratio Lower Upper

75 100

77 37.1 26.0 39.0

