

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072020\
 Data File : VV017555.D
 Acq On : 20 Jul 2020 19:19
 Operator : SY/MD
 Sample : L3336-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 21 01:47:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 20 18:07:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	276812	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	284113	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	127999	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71556	46.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.68%
7) Chloroethane-d5	1.58	69	55863	43.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.92%
11) 1,1-Dichloroethene-d2	2.12	63	125866	33.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.04%
21) 2-Butanone-d5	3.90	46	100629	89.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.70%
24) Chloroform-d	4.38	84	155796	44.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.08%
26) 1,2-Dichloroethane-d4	5.06	65	116957	48.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.90%
32) Benzene-d6	5.07	84	275497	43.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.94%
36) 1,2-Dichloropropane-d6	6.09	67	83100	44.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.92%
41) Toluene-d8	7.34	98	254652	42.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.76%
43) trans-1,3-Dichloropropene-	7.64	79	49034	43.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.24%
47) 2-Hexanone-d5	8.11	63	78832	90.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.82%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	118110	44.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.54%
64) 1,2-Dichlorobenzene-d4	11.65	152	113606	49.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.22%

Target Compounds

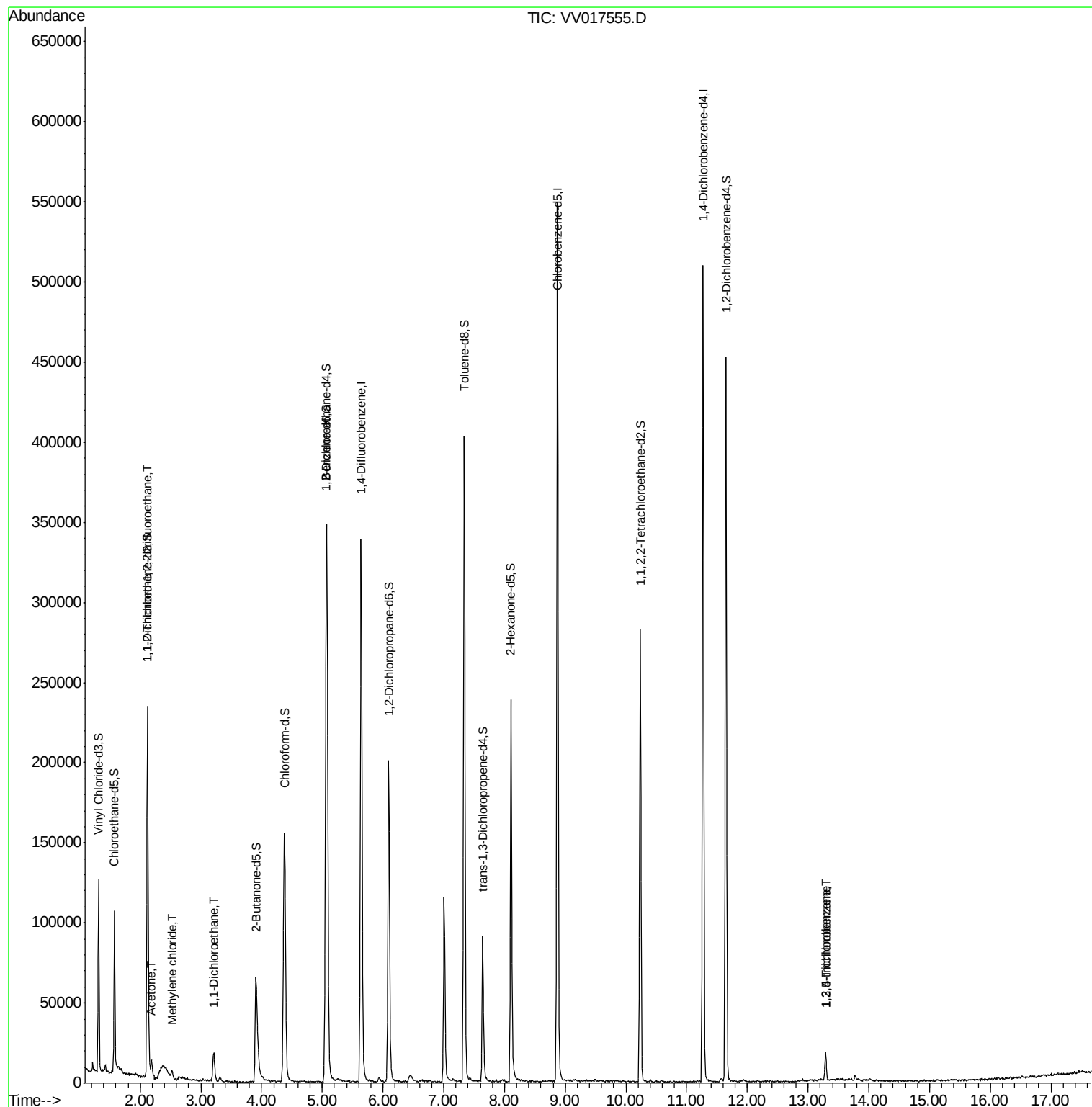
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1482	0.718	ug/L #	18
13) Acetone	2.19	43	7741	5.656	ug/L	98
16) Methylene chloride	2.53	84	2117	1.022	ug/L	88
19) 1,1-Dichloroethane	3.21	63	16728	5.012	ug/L	99
67) 1,3,5-Trichlorobenzene	13.29	180	5012	1.565	ug/L #	89
68) 1,2,4-trichlorobenzene	13.29	180	5012	1.742	ug/L #	87

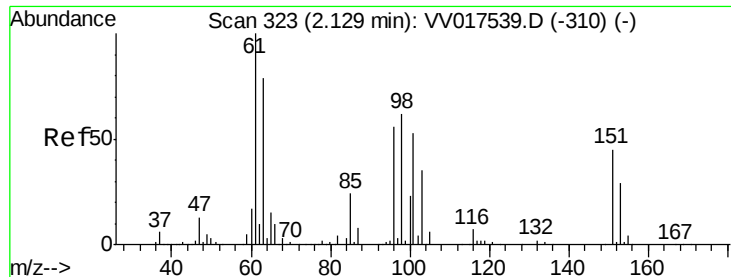
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.718 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017555.D

Acq: 20 Jul 2020 19:19

Instrument :

MSVOA_V

ClientSampled :

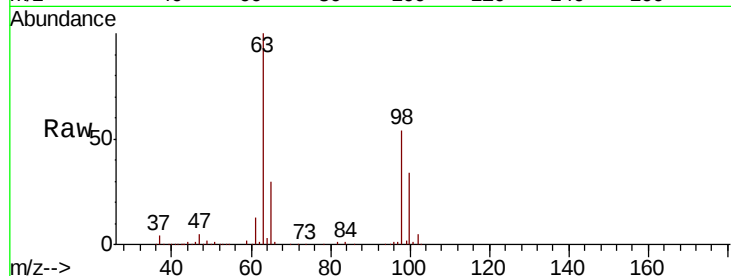
Tot Ion:101 Resp: 1482

Ion Ratio Lower Upper

101 100

85 2.9 36.2 54.4#

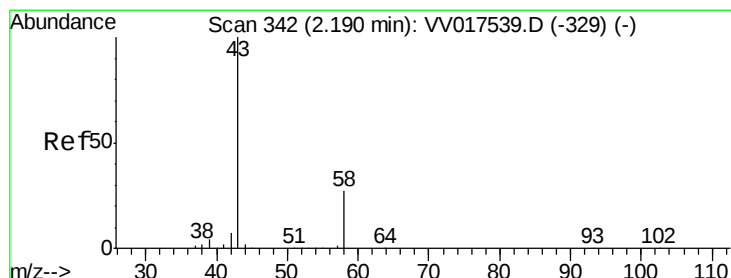
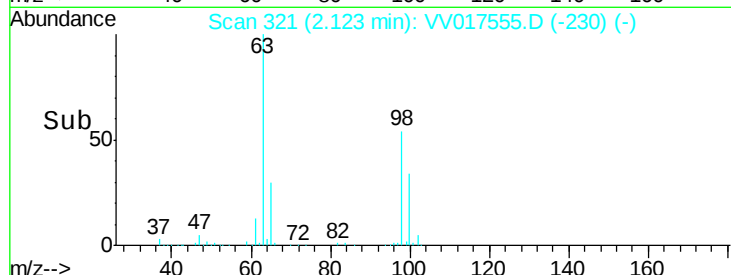
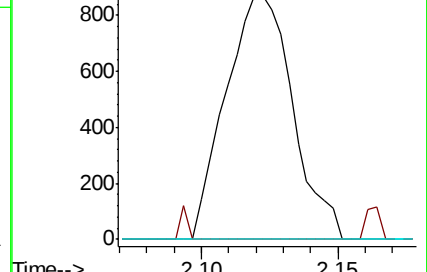
151 0.0 65.9 98.9#



Abundance Ion 101.00 (100.70 to 101.70): VV017539.D (-310) (-)

Ion 85.00 (84.70 to 85.70): VV017539.D (-310) (-)

Ion 151.00 (150.70 to 151.70): VV017539.D (-310) (-)



#13

Acetone

Concen: 5.656 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV017555.D

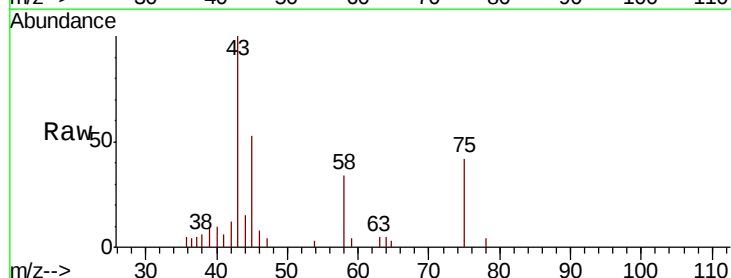
Acq: 20 Jul 2020 19:19

Tgt Ion: 43 Resp: 7741

Ion Ratio Lower Upper

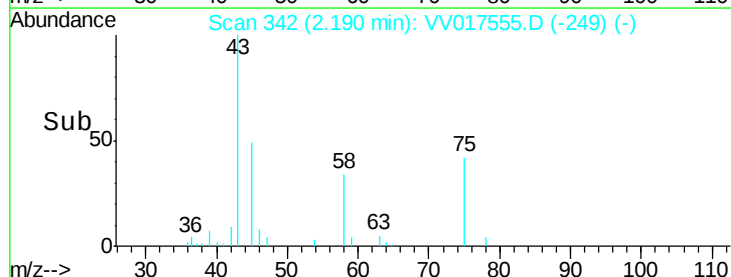
43 100

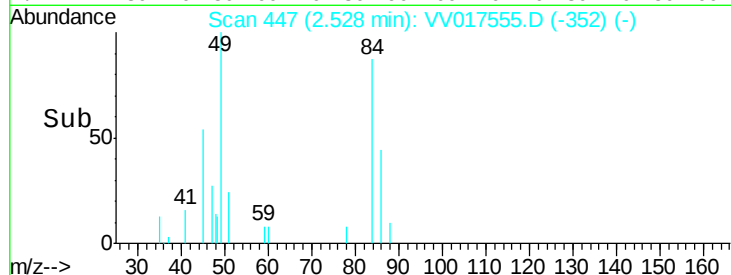
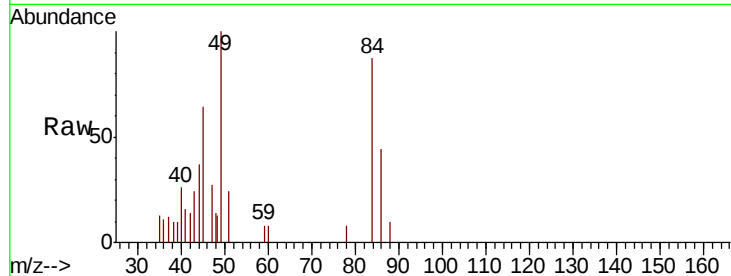
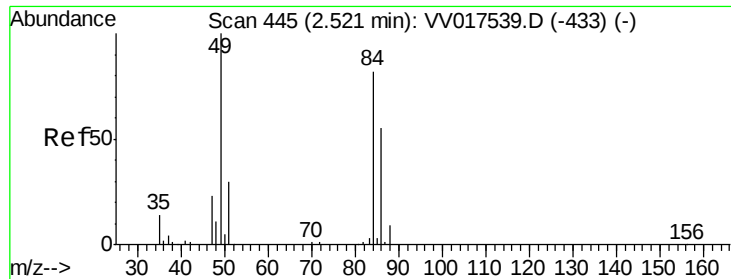
58 26.8 0.0 56.0



Abundance Ion 43.00 (42.70 to 43.70): VV017539.D (-329) (-)

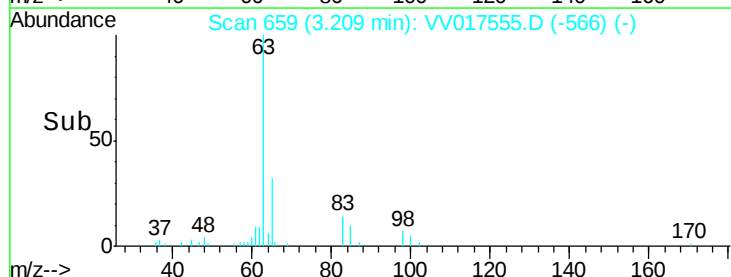
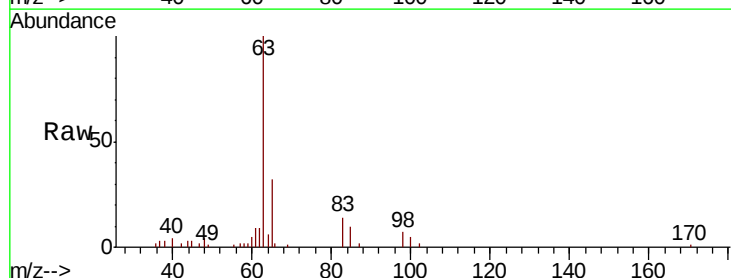
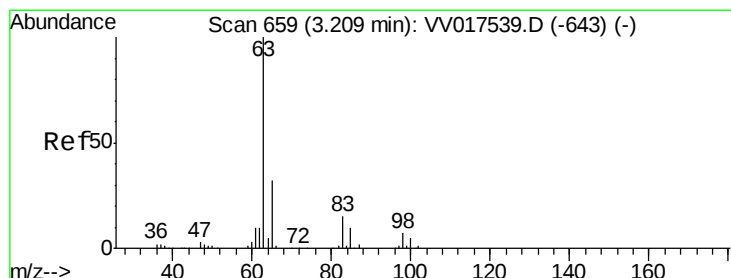
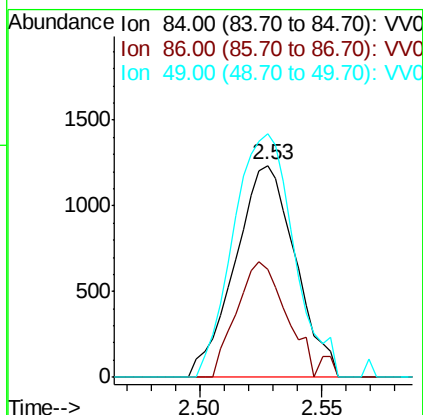
Ion 58.00 (57.70 to 58.70): VV017539.D (-329) (-)





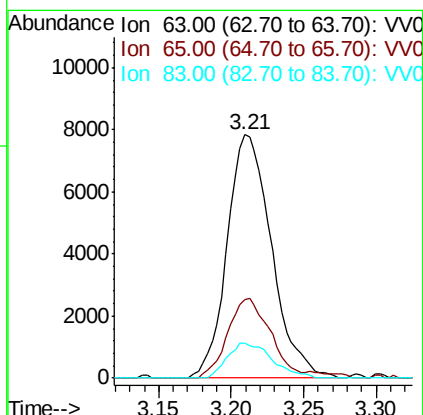
#16
Methvlene chloride
Concen: 1.022 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.01 min
Lab File: VV017555.D
Acq: 20 Jul 2020 19:19

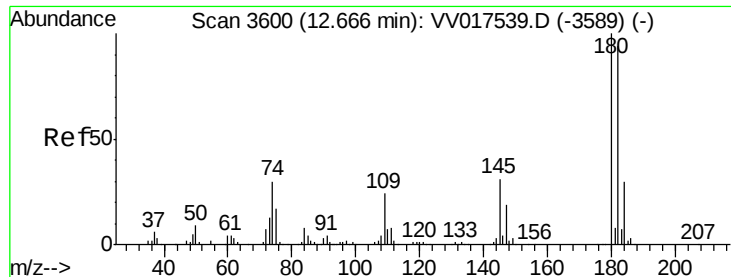
Tot Ion	Ratio	Lower	Upper
84	100		
86	50.9	47.1	87.5
49	114.8	85.8	159.4



#19
1,1-Dichloroethane
Concen: 5.012 ug/L
RT: 3.21 min Scan# 659
Delta R.T. 0.00 min
Lab File: VV017555.D
Acq: 20 Jul 2020 19:19

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.0	41.0
83	14.4	10.1	18.9

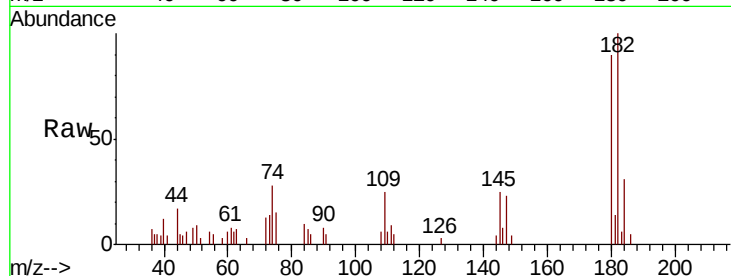




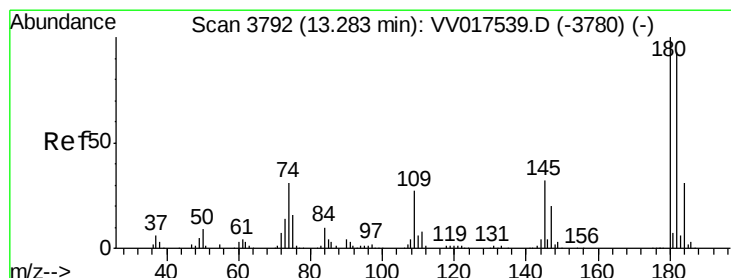
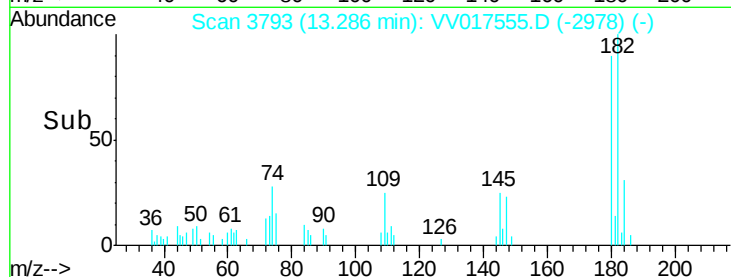
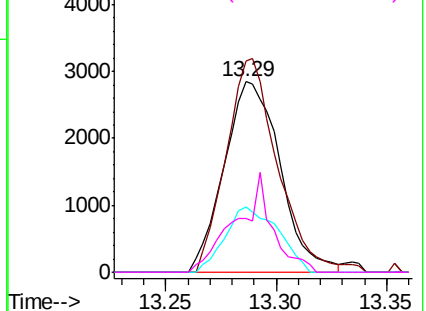
#67
 1,3,5-Trichlorobenzene
 Concen: 1.565 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.62 min
 Lab File: VV017555.D
 Acq: 20 Jul 2020 19:19

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	102.4	76.0	114.0
184	32.3	24.4	36.6
145	15.4	24.2	36.4

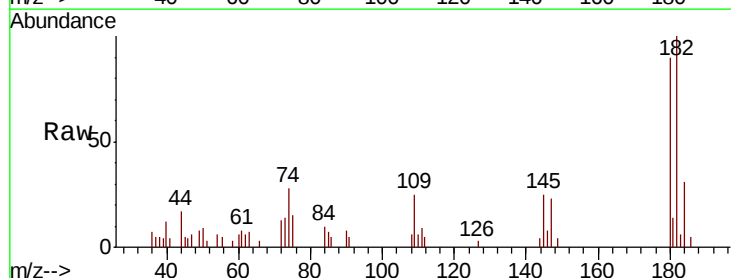


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 1.742 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV017555.D
 Acq: 20 Jul 2020 19:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.4	76.0	114.0
145	15.4	24.9	37.3



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

