

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072820\
 Data File : VV017710.D
 Acq On : 28 Jul 2020 17:29
 Operator : SY/MD
 Sample : L3470-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AE5

Quant Time: Jul 29 06:39:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 29 05:17:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	130010	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	131282	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	71407	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	27391	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.57	69	22977	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.12	63	53318	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	3.99	46	51384	34.60	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.20%
24) Chloroform-d	4.37	84	79072	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.06	65	41715	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.07	84	131663	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.09	67	36956	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.34	98	120161	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
45) trans-1,3-Dichloropropene-	7.65	79	16956	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
48) 2-Hexanone-d5	8.12	63	45722	40.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.94%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	26966	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	57374	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

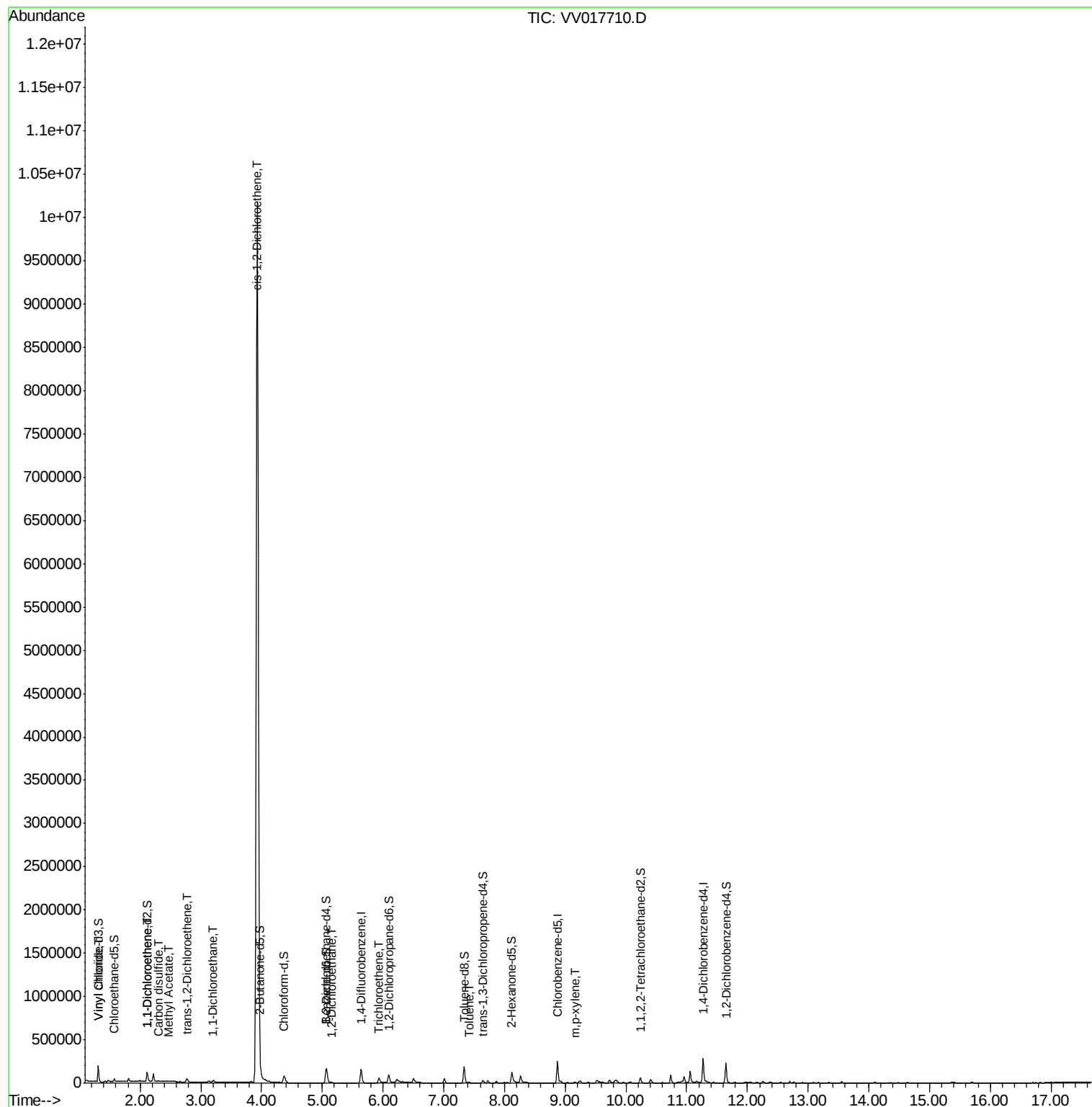
					Ovalue
5) Vinyl chloride	1.31	62	81179	8.740	ug/L 95
12) 1,1-Dichloroethene	2.13	96	7760	1.108	ug/L # 1
14) Carbon disulfide	2.30	76	9927	0.466	ug/L # 91
15) Methyl Acetate	2.46	43	8572	3.789	ug/L 95
18) trans-1,2-Dichloroethene	2.77	96	14362	1.883	ug/L 96
19) 1,1-Dichloroethane	3.21	63	16366	1.020	ug/L 97
22) cis-1,2-Dichloroethene	3.93	96	5620991	585.119	ug/L 97
27) 1,2-Dichloroethane	5.16	62	4562	0.391	ug/L 100
34) Trichloroethene	5.93	95	13477	1.298	ug/L 88
42) Toluene	7.41	91	7009	0.173	ug/L 91
55) m,p-xylene	9.16	106	2809	0.164	ug/L 80

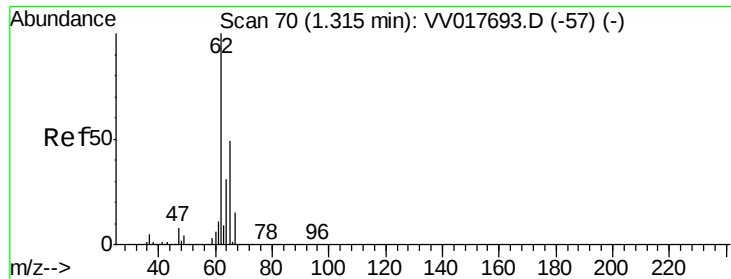
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV072820\
Data File : VV017710.D
Acq On : 28 Jul 2020 17:29
Operator : SY/MD
Sample : L3470-02
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0AE5

Quant Time: Jul 29 06:39:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 29 05:17:09 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 8.740 ug/L

RT: 1.31 min Scan# 69

Delta R.T. -0.00 min

Lab File: VV017710.D

Acq: 28 Jul 2020 17:29

Instrument :

MSVOA_V

ClientSampleId :

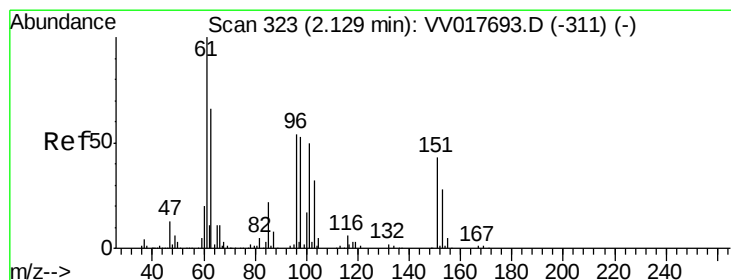
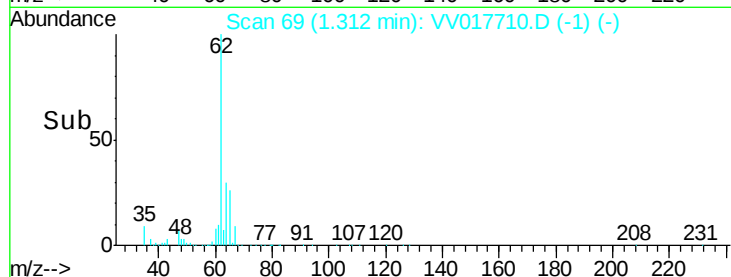
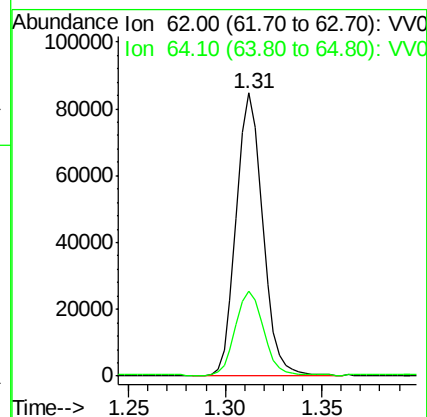
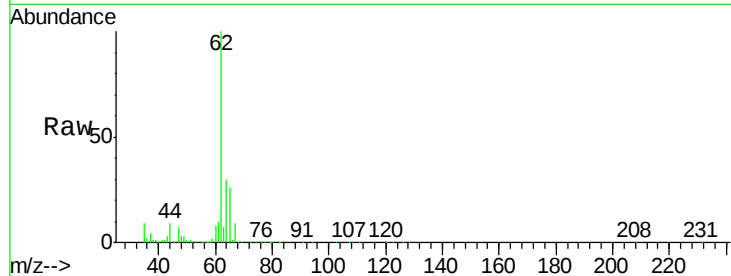
H0AE5

Tot Ion: 62 Resp: 81179

Ion Ratio Lower Upper

62 100

64 30.1 23.0 42.8



#12

1,1-Dichloroethene

Concen: 1.108 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV017710.D

Acq: 28 Jul 2020 17:29

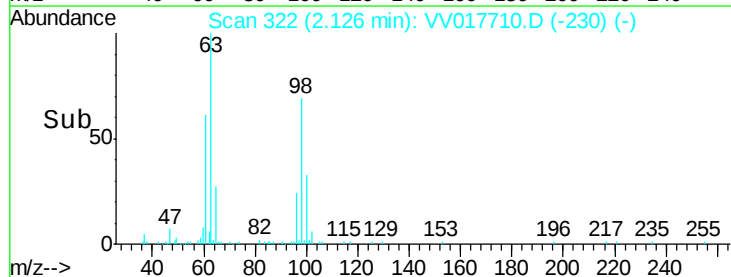
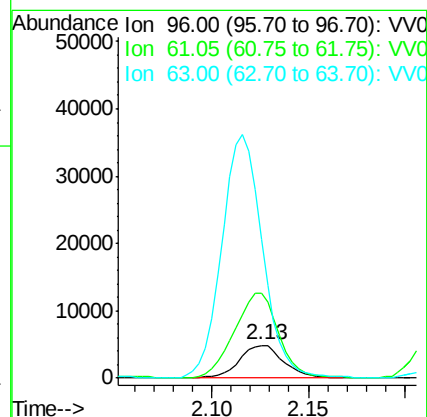
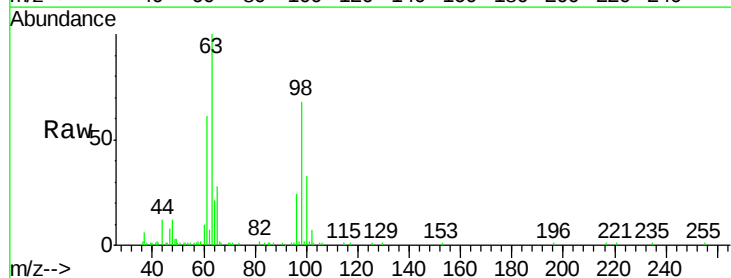
Tgt Ion: 96 Resp: 7760

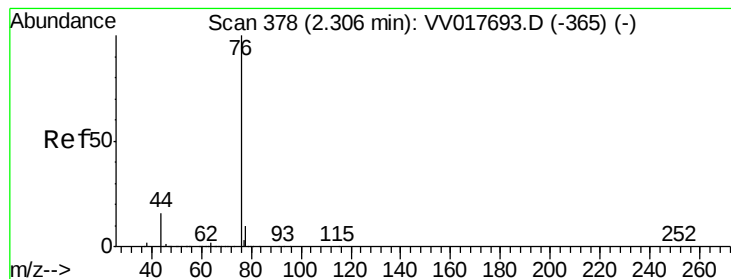
Ion Ratio Lower Upper

96 100

61 258.3 123.1 228.7#

63 423.1 91.2 169.4#





#14

Carbon disulfide

Concen: 0.466 ug/L

RT: 2.30 min Scan# 376

Delta R.T. -0.01 min

Lab File: VV017710.D

Acq: 28 Jul 2020 17:29

Instrument :

MSVOA_V

ClientSampleId :

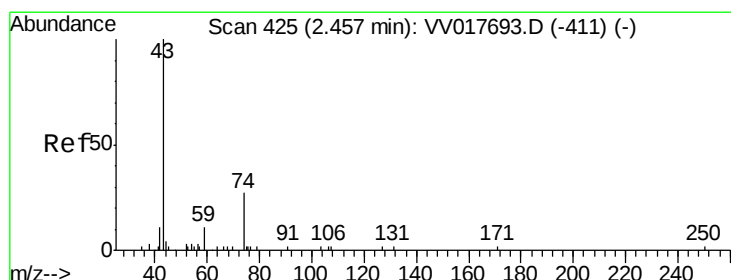
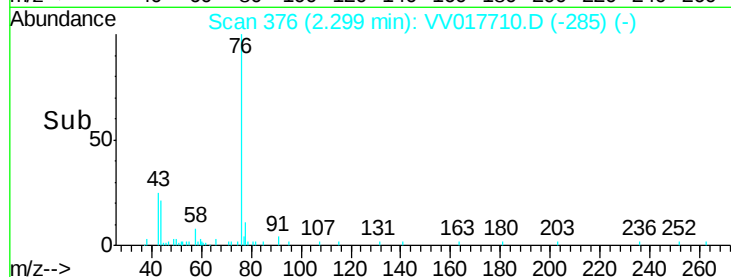
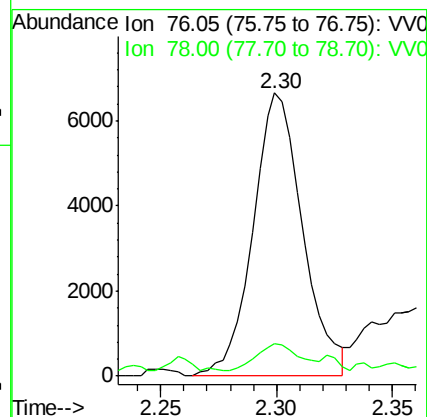
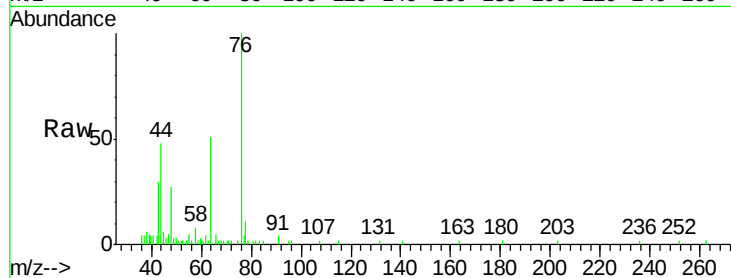
H0AE5

Tot Ion: 76 Resp: 9927

Ion Ratio Lower Upper

76 100

78 11.5 6.6 10.0#



#15

Methyl Acetate

Concen: 3.789 ug/L

RT: 2.46 min Scan# 427

Delta R.T. 0.01 min

Lab File: VV017710.D

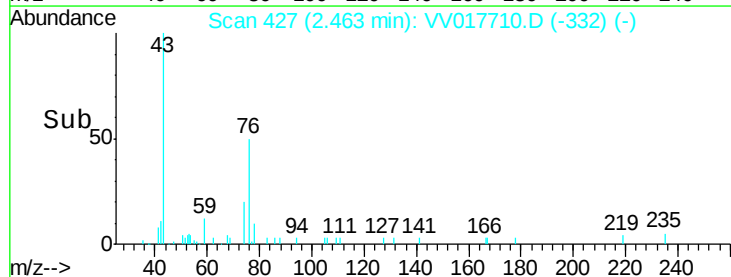
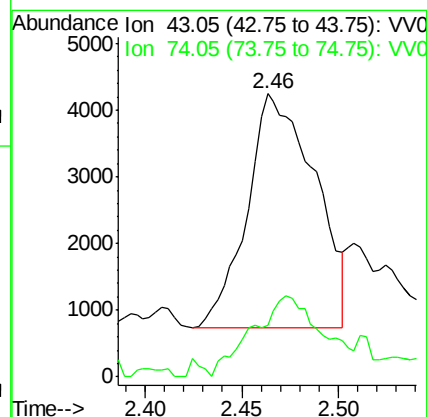
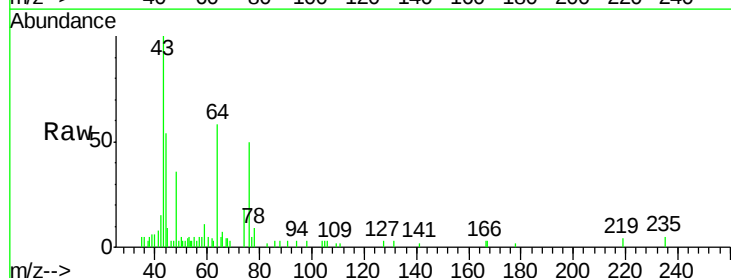
Acq: 28 Jul 2020 17:29

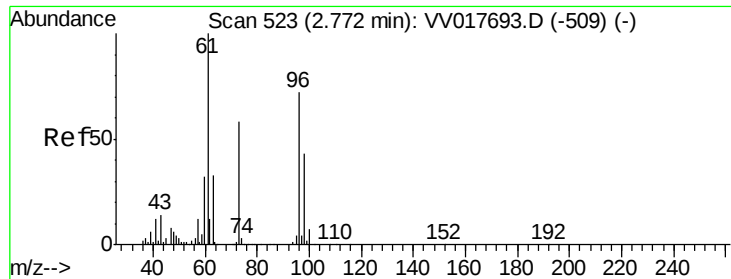
Tgt Ion: 43 Resp: 8572

Ion Ratio Lower Upper

43 100

74 36.2 26.6 40.0





#18

trans-1,2-Dichloroethene

Concen: 1.883 ug/L

RT: 2.77 min Scan# 522

Delta R.T. -0.00 min

Lab File: VV017710.D

Acq: 28 Jul 2020 17:29

Instrument :

MSVOA_V

ClientSampleId :

H0AE5

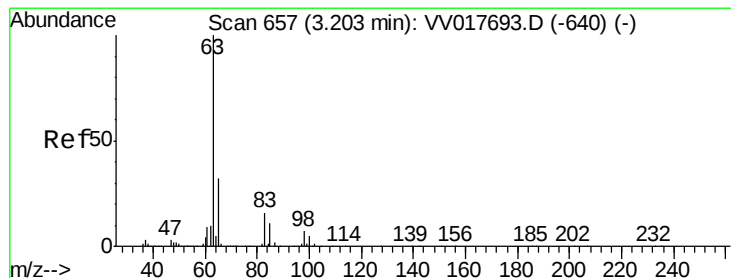
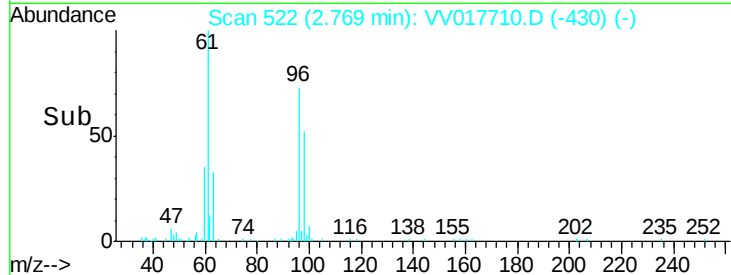
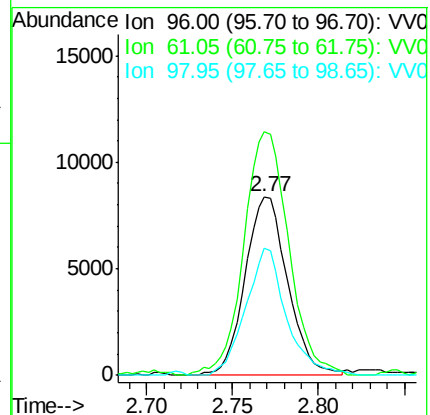
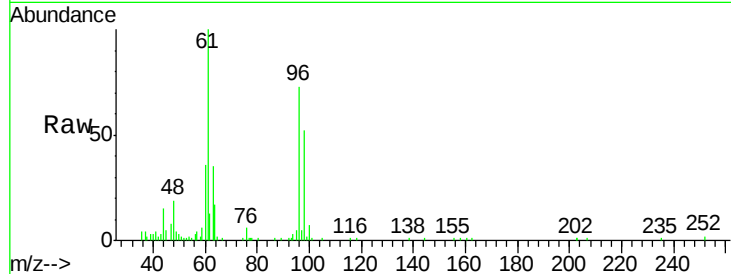
Tot Ion: 96 Resp: 14362

Ion Ratio Lower Upper

96 100

61 136.5 96.0 178.4

98 71.0 43.5 80.9



#19

1,1-Dichloroethane

Concen: 1.020 ug/L

RT: 3.21 min Scan# 658

Delta R.T. 0.00 min

Lab File: VV017710.D

Acq: 28 Jul 2020 17:29

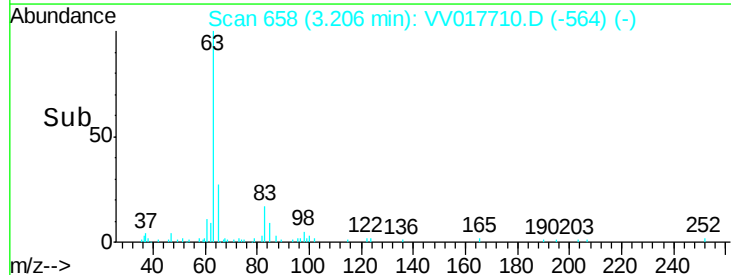
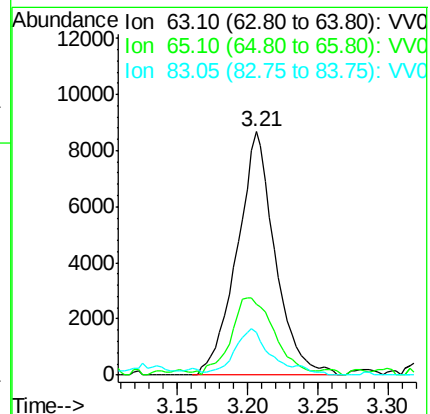
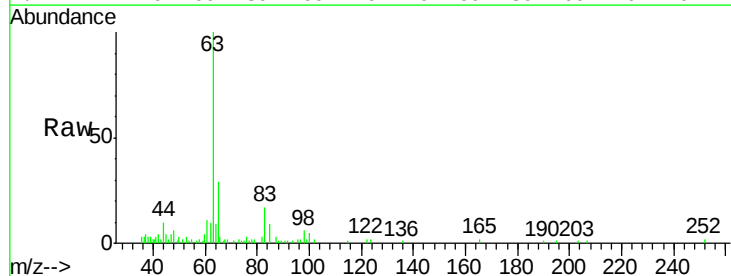
Tgt Ion: 63 Resp: 16366

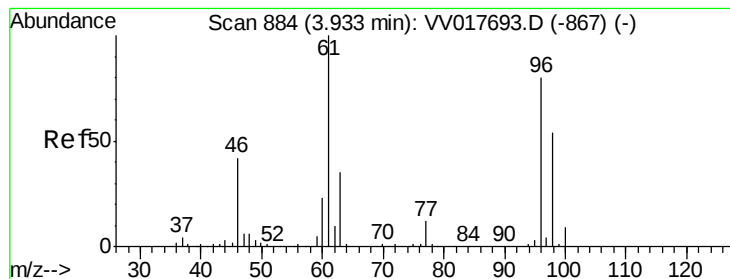
Ion Ratio Lower Upper

63 100

65 31.7 21.4 39.8

83 17.4 10.4 19.4



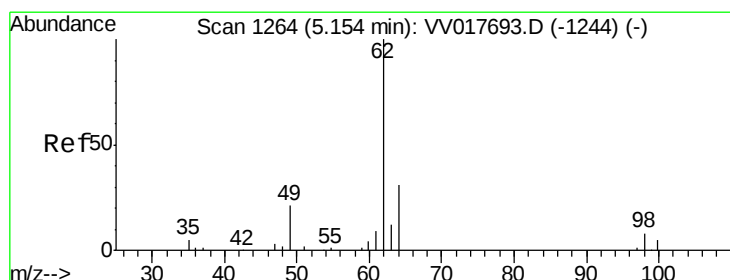
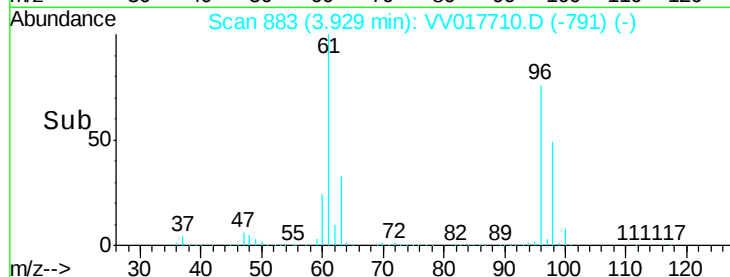
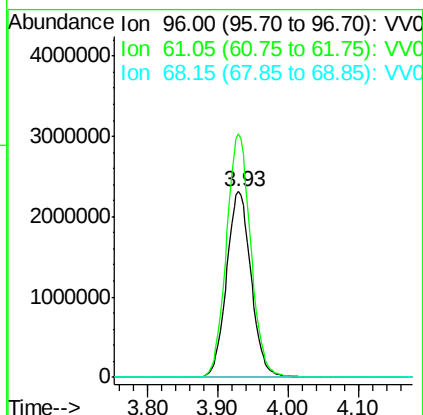
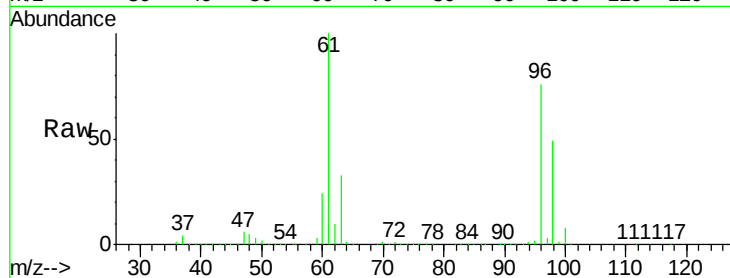


#22

cis-1,2-Dichloroethene
 Concen: 585.119 ug/L
 RT: 3.93 min Scan# 883
 Delta R.T. -0.00 min
 Lab File: VV017710.D
 Acq: 28 Jul 2020 17:29

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AE5

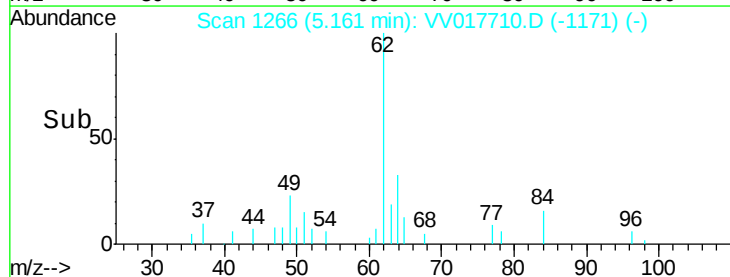
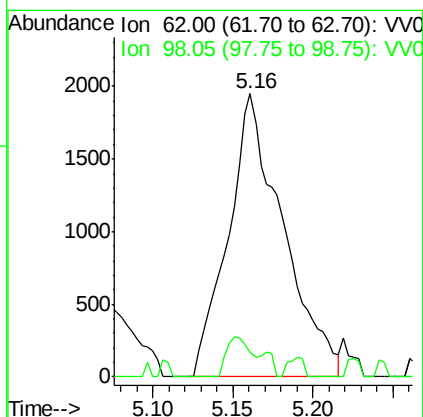
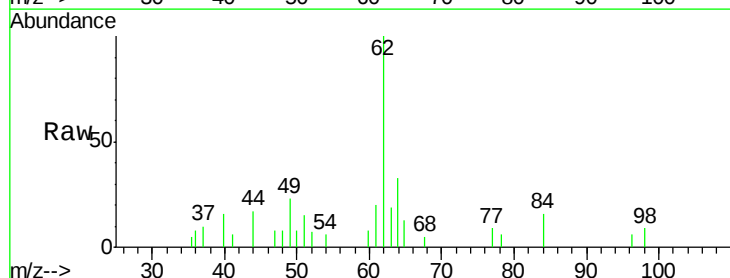
Tot Ion: 96 Resp: 5620991
 Ion Ratio Lower Upper
 96 100
 61 130.9 89.6 166.4
 68 0.0 0.0 0.0

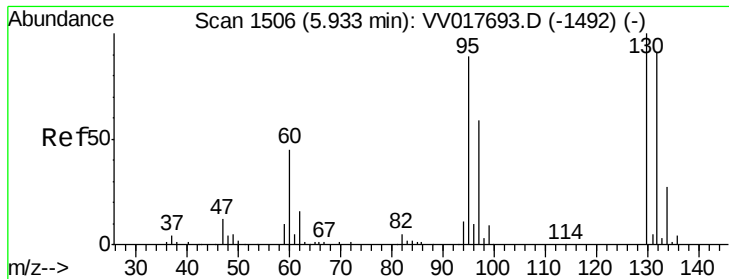


#27

1,2-Dichloroethane
 Concen: 0.391 ug/L
 RT: 5.16 min Scan# 1266
 Delta R.T. 0.01 min
 Lab File: VV017710.D
 Acq: 28 Jul 2020 17:29

Tgt Ion: 62 Resp: 4562
 Ion Ratio Lower Upper
 62 100
 98 8.8 7.0 10.6





#34

Trichloroethene

Concen: 1.298 ug/L

RT: 5.93 min Scan# 1506

Delta R.T. -0.00 min

Lab File: VV017710.D

Acq: 28 Jul 2020 17:29

Instrument :

MSVOA_V

ClientSampled :

H0AE5

Tot Ion: 95 Resp: 13477

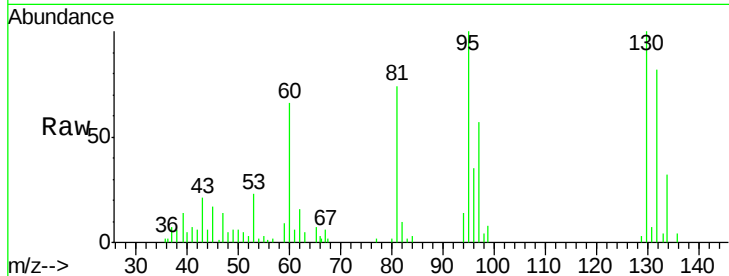
Ion Ratio Lower Upper

95 100

97 57.3 46.1 85.5

132 82.2 71.7 133.1

130 100.3 74.3 137.9

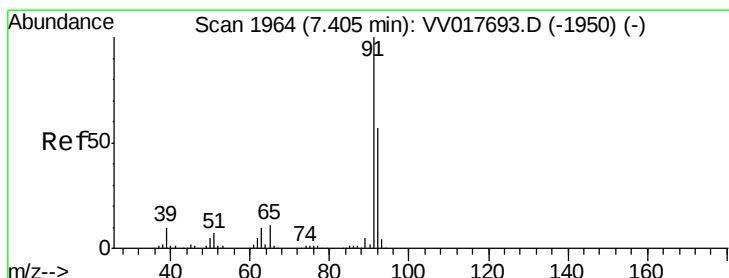
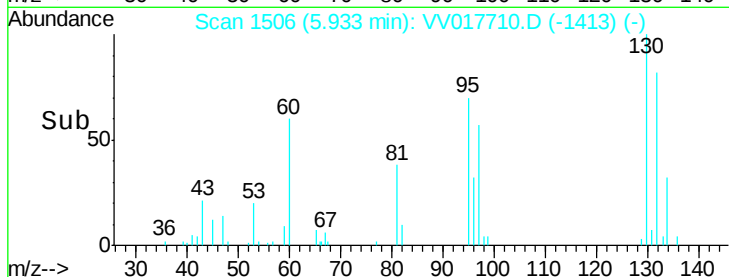
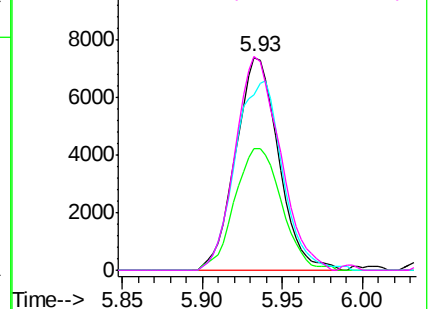


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#42

Toluene

Concen: 0.173 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.01 min

Lab File: VV017710.D

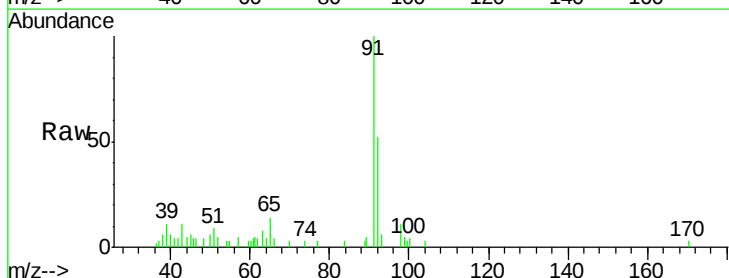
Acq: 28 Jul 2020 17:29

Tgt Ion: 91 Resp: 7009

Ion Ratio Lower Upper

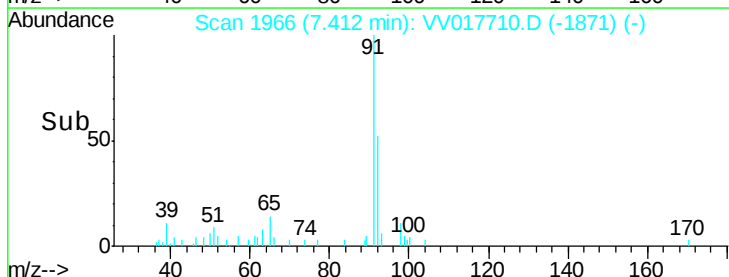
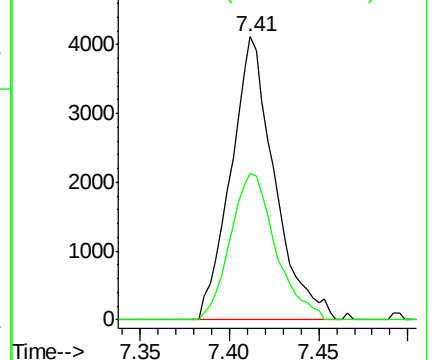
91 100

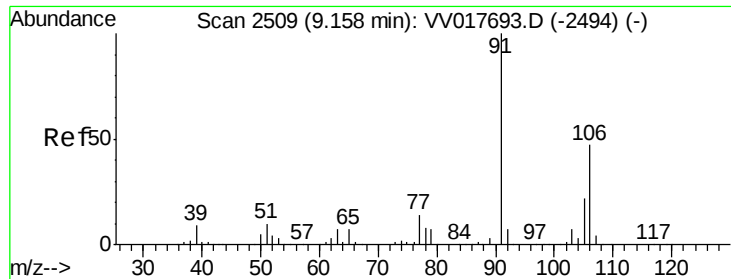
92 51.8 40.8 75.8



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#55

m,p-xylene

Concen: 0.164 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VV017710.D

Acq: 28 Jul 2020 17:29

Instrument :
MSVOA_V
ClientSampleId :
H0AE5

Tot Ion:106 Resp: 2809

Ion Ratio Lower Upper

106 100

91 171.1 141.3 262.3

