

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072820\
 Data File : VV017715.D
 Acq On : 28 Jul 2020 19:29
 Operator : SY/MD
 Sample : L3470-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 29 05:21:28 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	126561	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	124616	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	55037	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28619	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	1.58	69	26119	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.00%
11) 1,1-Dichloroethene-d2	2.12	63	50790	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	3.92	46	76154	52.68	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.36%
24) Chloroform-d	4.38	84	83015	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.40%
26) 1,2-Dichloroethane-d4	5.06	65	43558	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.40%
32) Benzene-d6	5.07	84	140320	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.09	67	39236	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.34	98	129131	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
45) trans-1,3-Dichloropropene-	7.64	79	16351	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
48) 2-Hexanone-d5	8.11	63	50984	47.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.08%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	28550	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	54905	6.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	132.00%#

Target Compounds

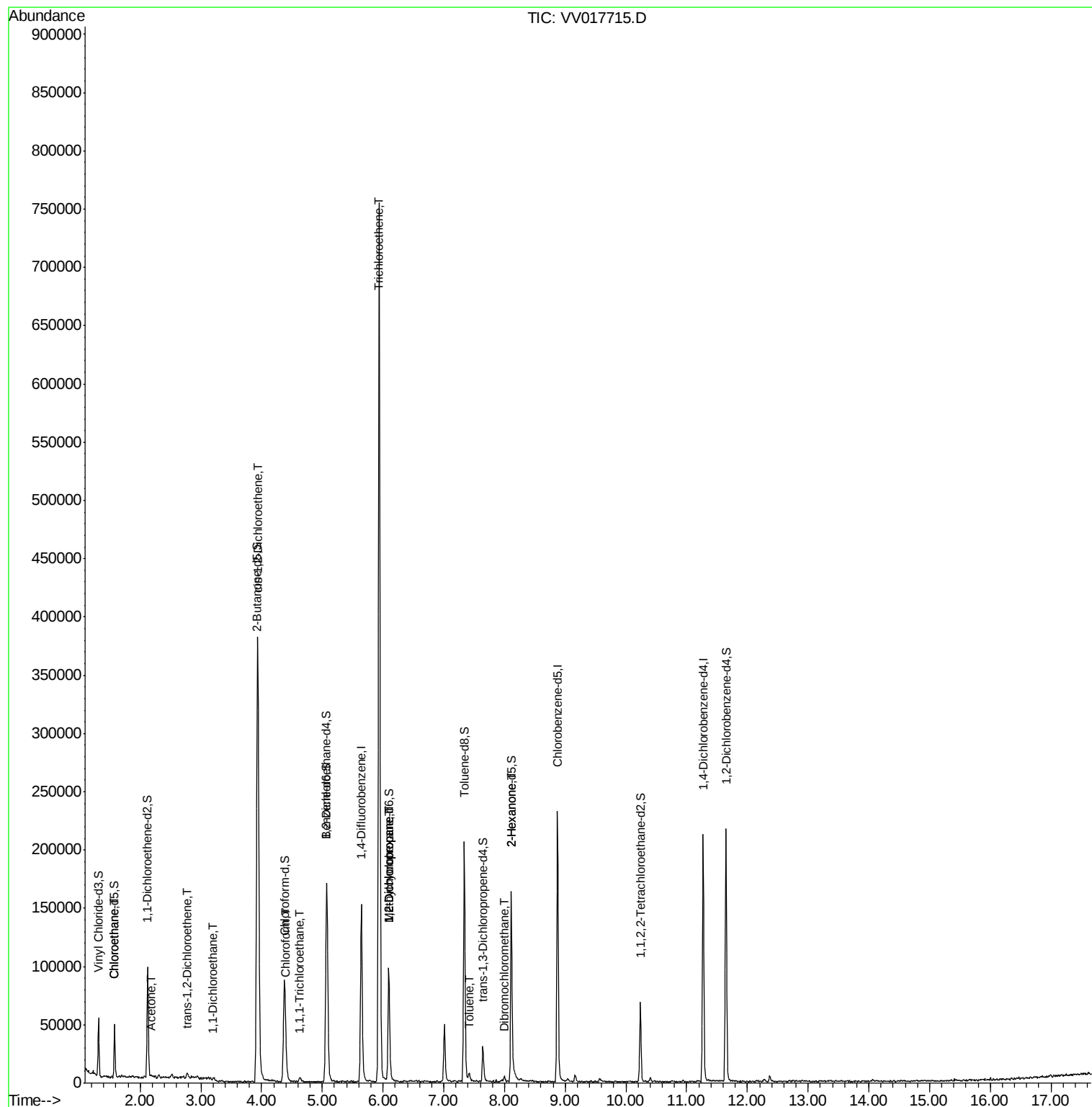
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.59	64	614	0.118	ug/L #	40
13) Acetone	2.19	43	2596	2.294	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	1660	0.224	ug/L	78
19) 1,1-Dichloroethane	3.21	63	2397	0.153	ug/L #	76
22) cis-1,2-Dichloroethene	3.94	96	192839	20.621	ug/L	99
25) Chloroform	4.41	83	12770	0.729	ug/L	95
29) 1,1,1-Trichloroethane	4.64	97	2790	0.160	ug/L	98
34) Trichloroethene	5.94	95	246289	24.997	ug/L	99
35) Methylcyclohexane	6.09	83	11248	0.755	ug/L #	18
37) 1,2-Dichloropropane	6.10	63	5406	0.652	ug/L #	86
42) Toluene	7.41	91	4129	0.107	ug/L	88
50) 2-Hexanone	8.11	43	7906	2.458	ug/L #	68
51) Dibromochloromethane	8.00	129	790	0.099	ug/L #	9

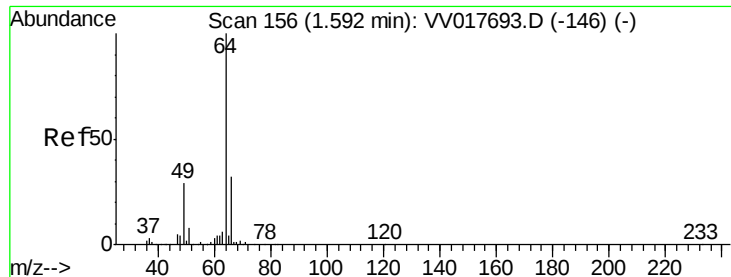
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 29 05:17:09 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.118 ug/L

RT: 1.59 min Scan# 155

Delta R.T. -0.00 min

Lab File: VV017715.D

Acq: 28 Jul 2020 19:29

Instrument :

MSVOA_V

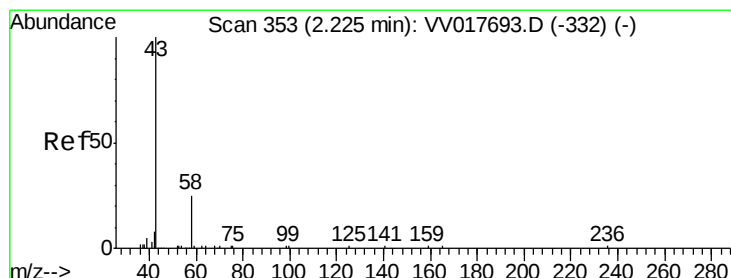
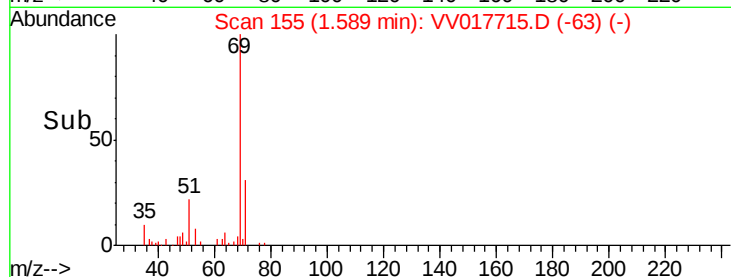
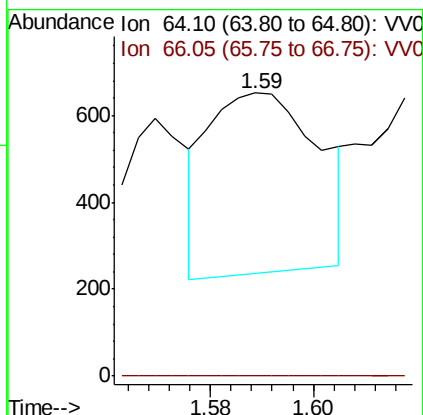
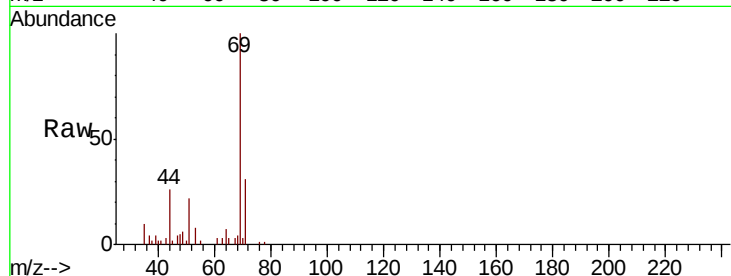
ClientSampleId :

Tot Ion: 64 Resp: 614

Ion Ratio Lower Upper

64 100

66 0.0 24.0 44.6#



#13

Acetone

Concen: 2.294 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.04 min

Lab File: VV017715.D

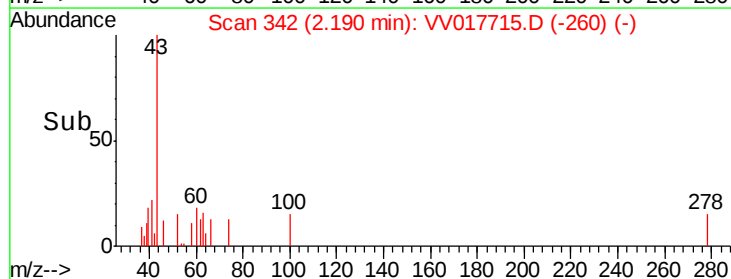
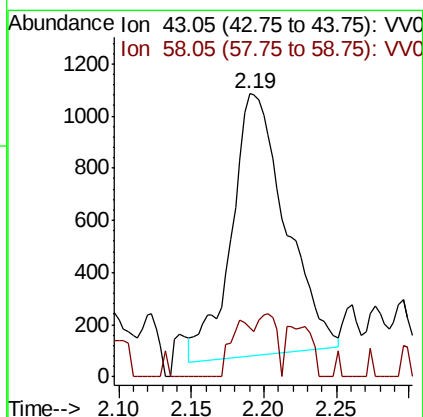
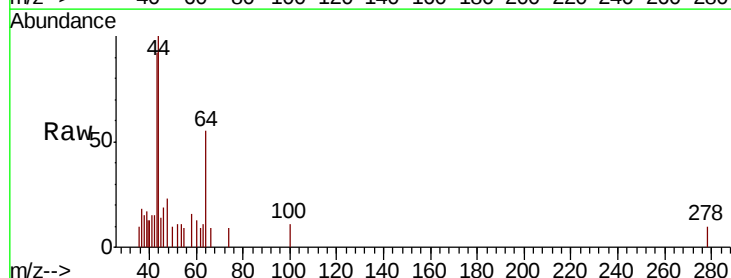
Acq: 28 Jul 2020 19:29

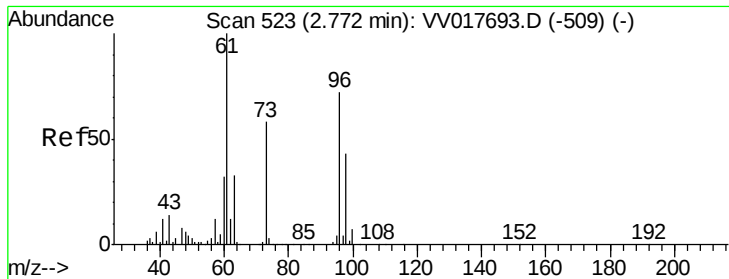
Tgt Ion: 43 Resp: 2596

Ion Ratio Lower Upper

43 100

58 9.1 0.0 18.6





#18

trans-1,2-Dichloroethene

Concen: 0.224 ug/L

RT: 2.78 min Scan# 524

Delta R.T. 0.00 min

Lab File: VV017715.D

Acq: 28 Jul 2020 19:29

Instrument :
MSVOA_V
ClientSampled :

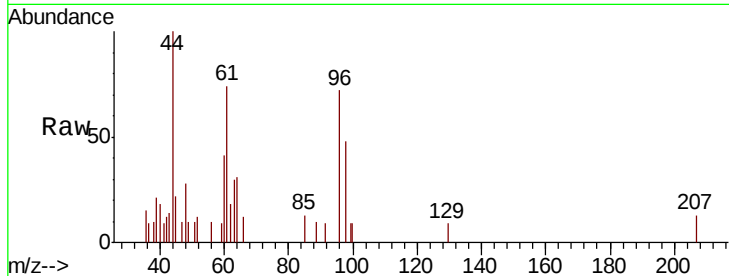
Tot Ion: 96 Resp: 1660

Ion Ratio Lower Upper

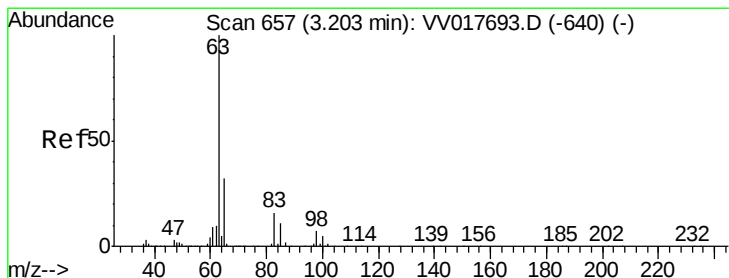
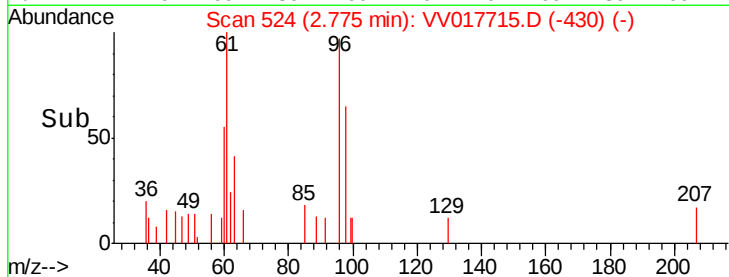
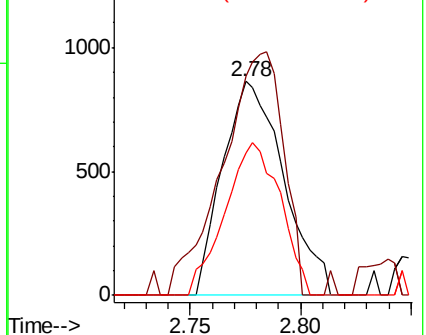
96 100

61 102.7 96.0 178.4

98 66.9 43.5 80.9



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 97.95 (97.65 to 98.65): VV0



#19

1,1-Dichloroethane

Concen: 0.153 ug/L

RT: 3.21 min Scan# 658

Delta R.T. 0.00 min

Lab File: VV017715.D

Acq: 28 Jul 2020 19:29

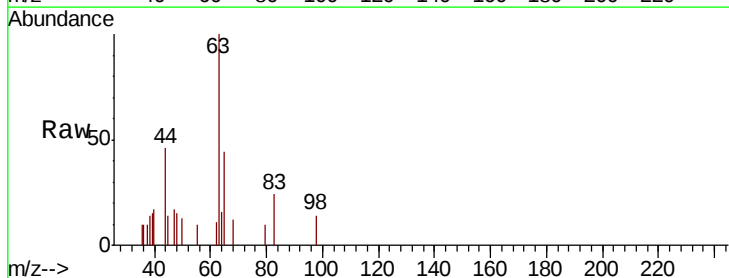
Tgt Ion: 63 Resp: 2397

Ion Ratio Lower Upper

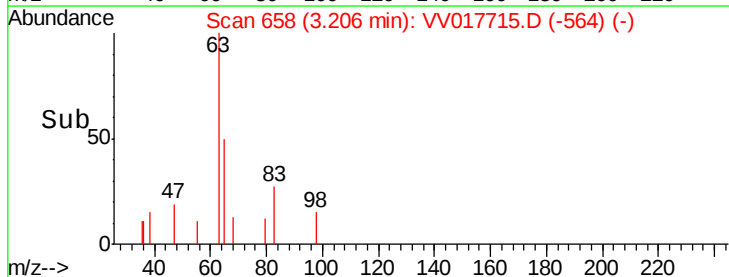
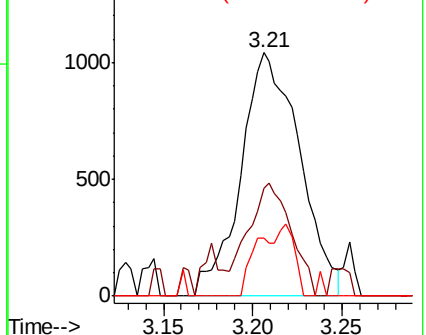
63 100

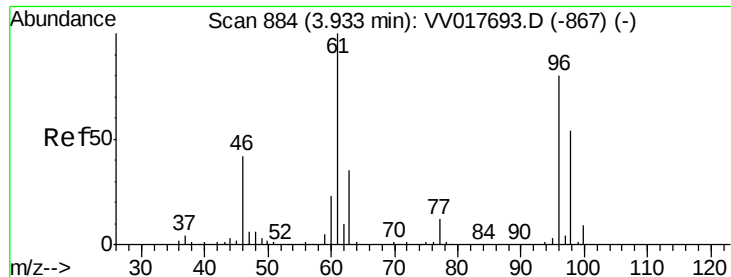
65 44.2 21.4 39.8#

83 24.0 10.4 19.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 65.10 (64.80 to 65.80): VV0
Ion 83.05 (82.75 to 83.75): VV0



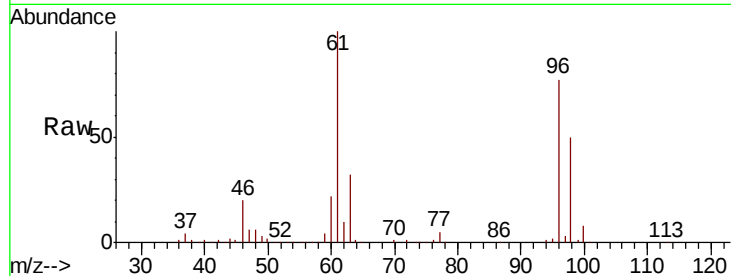


#22

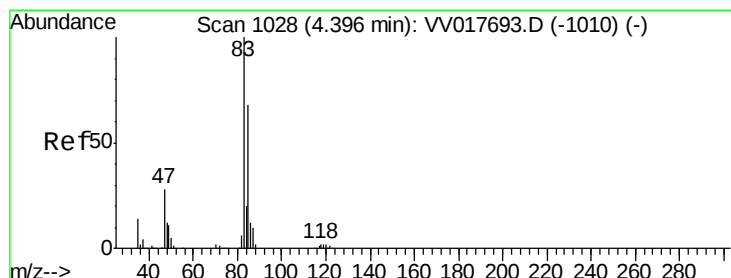
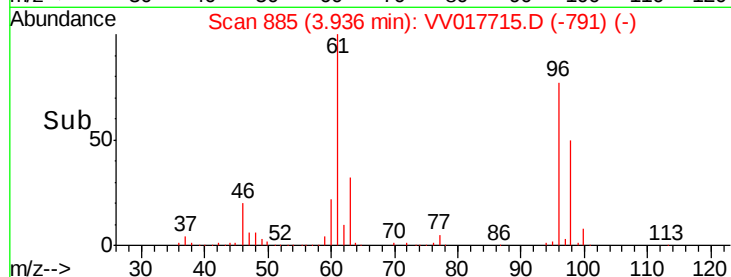
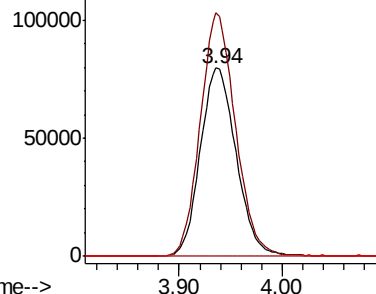
cis-1,2-Dichloroethene
 Concen: 20.621 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV017715.D
 Acq: 28 Jul 2020 19:29

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	96	Resp	192839
Ion	Ratio	Lower	Upper
96	100		
61	129.2	89.6	166.4
68	0.0	0.0	0.0



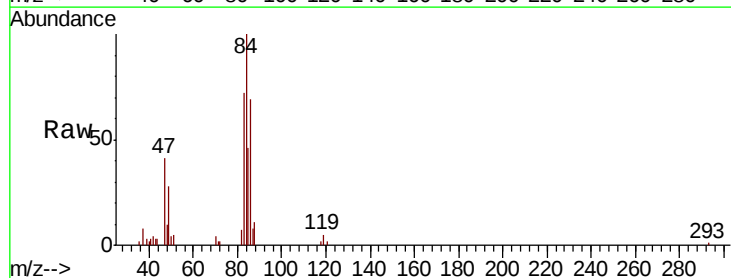
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



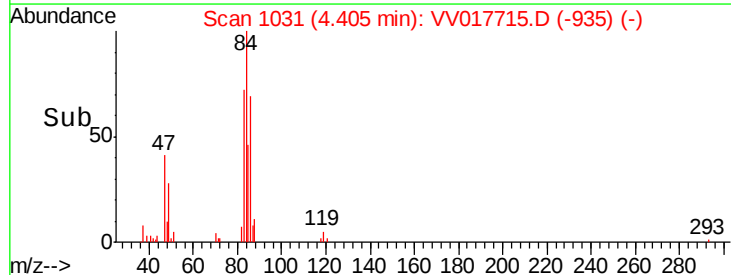
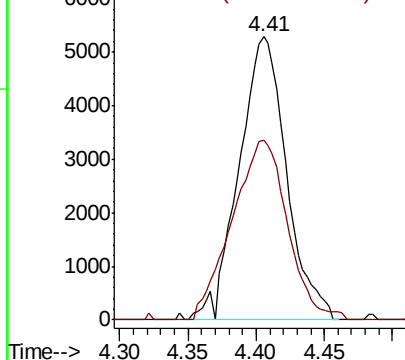
#25

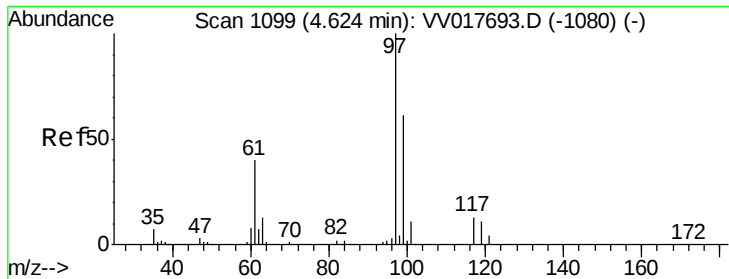
Chloroform
 Concen: 0.729 ug/L
 RT: 4.41 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VV017715.D
 Acq: 28 Jul 2020 19:29

Tgt Ion	83	Resp	12770
Ion	Ratio	Lower	Upper
83	100		
85	63.6	47.3	87.9



Abundance Ion 83.05 (82.75 to 83.75): VV0
 Ion 85.00 (84.70 to 85.70): VV0

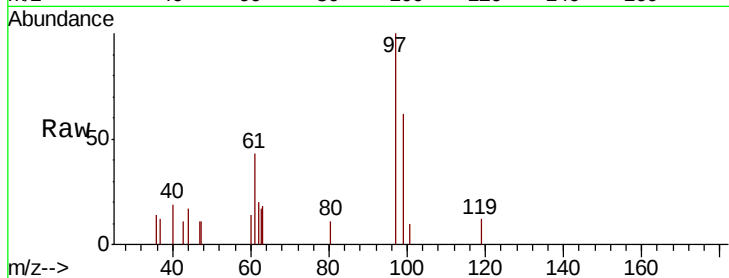




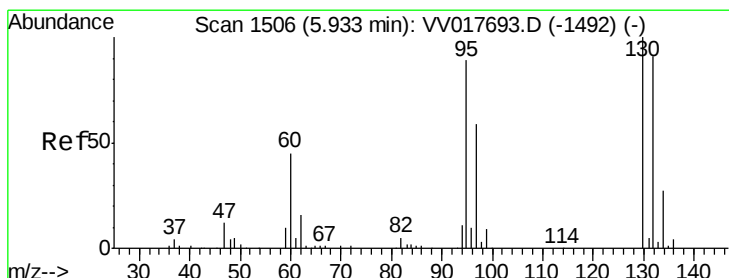
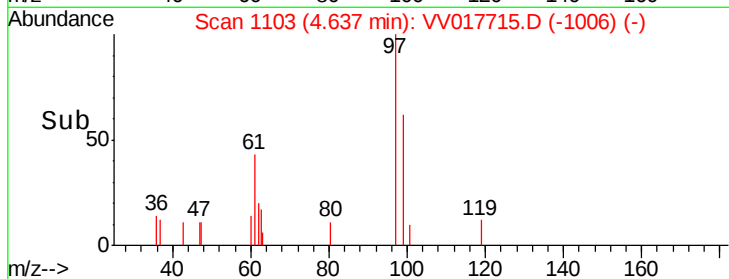
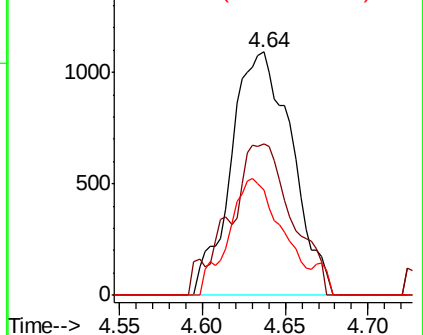
#29
1,1,1-Trichloroethane
Concen: 0.160 ug/L
RT: 4.64 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VV017715.D
Acq: 28 Jul 2020 19:29

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 97 Resp: 2790
Ion Ratio Lower Upper
97 100
99 64.4 50.6 76.0
61 42.5 35.7 53.5

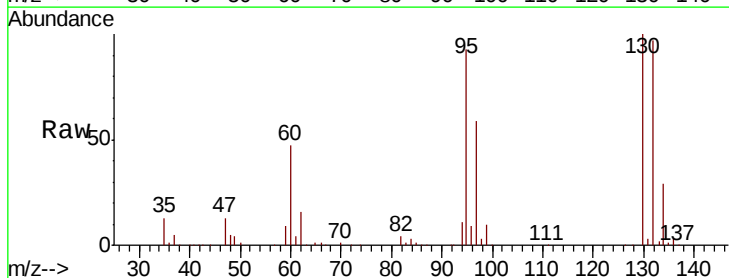


Abundance Ion 96.95 (96.65 to 97.65): VV0
Ion 99.05 (98.75 to 99.75): VV0
Ion 61.05 (60.75 to 61.75): VV0

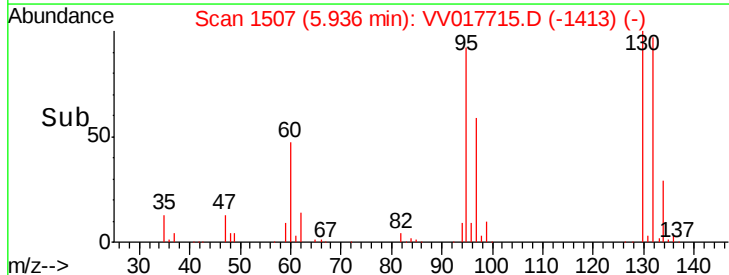
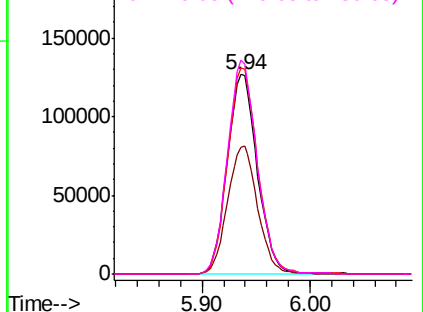


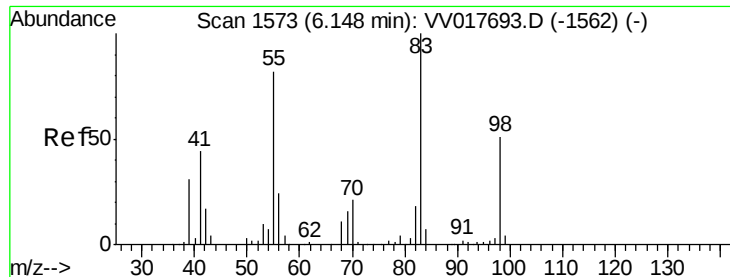
#34
Trichloroethene
Concen: 24.997 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. 0.00 min
Lab File: VV017715.D
Acq: 28 Jul 2020 19:29

Tgt Ion: 95 Resp: 246289
Ion Ratio Lower Upper
95 100
97 63.5 46.1 85.5
132 103.5 71.7 133.1
130 107.2 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

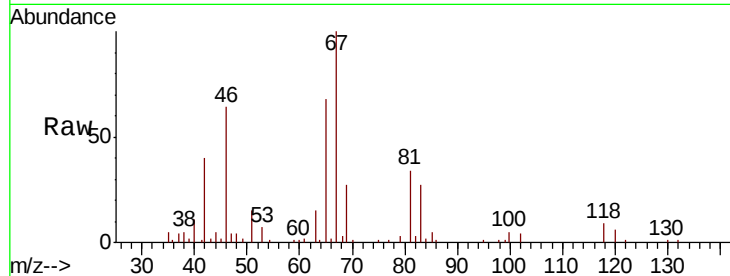




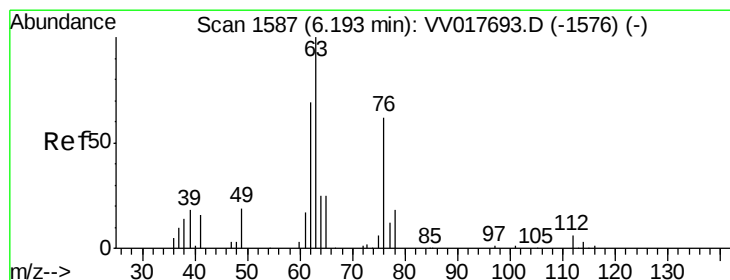
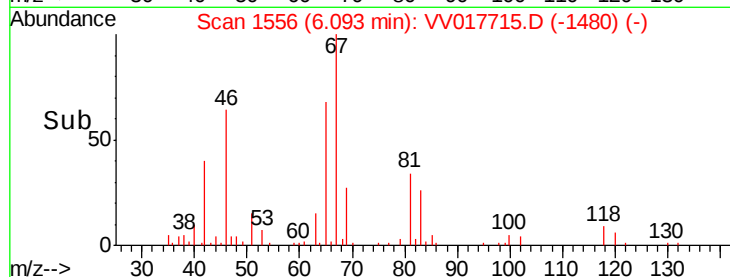
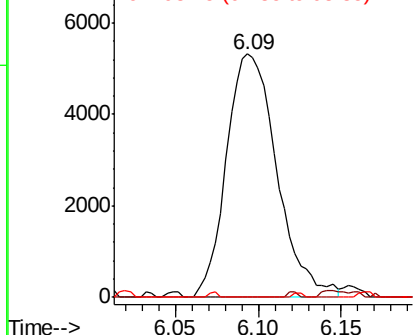
#35
Methvlcvclohexane
Concen: 0.755 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.05 min
Lab File: VV017715.D
Acq: 28 Jul 2020 19:29

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 11248
Ion Ratio Lower Upper
83 100
55 0.4 61.8 92.8#
98 0.0 39.0 58.6#

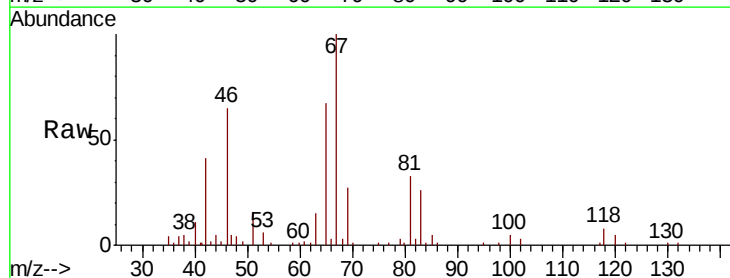


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

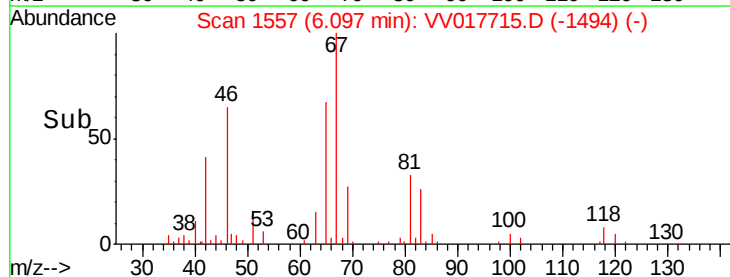
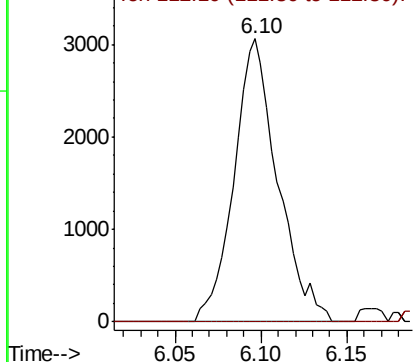


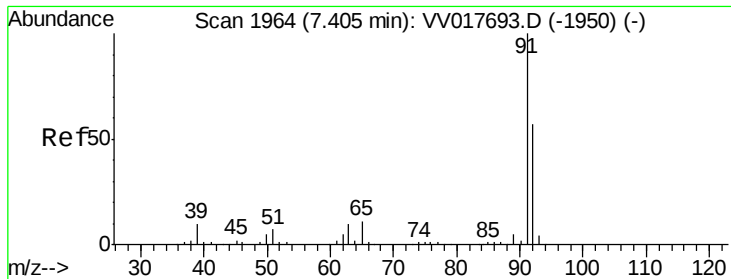
#37
1,2-Dichloropropane
Concen: 0.652 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV017715.D
Acq: 28 Jul 2020 19:29

Tgt Ion: 63 Resp: 5406
Ion Ratio Lower Upper
63 100
112 0.8 4.5 6.7#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 0.107 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV017715.D

Acq: 28 Jul 2020 19:29

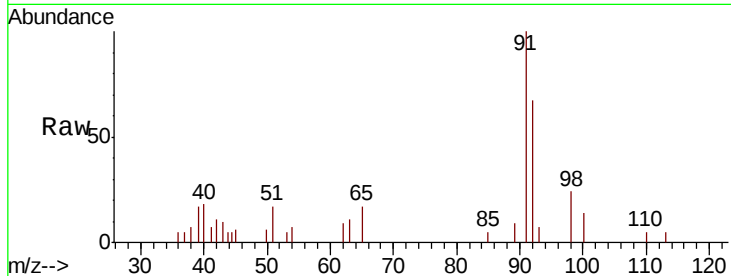
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 4129

Ion Ratio Lower Upper

91 100

92 67.1 40.8 75.8



Abundance Ion 91.15 (90.85 to 91.85): VV017693.D (-1950) (-)

Ion 92.15 (91.85 to 92.85): VV017693.D (-1950) (-)

7.41

2000

1500

1000

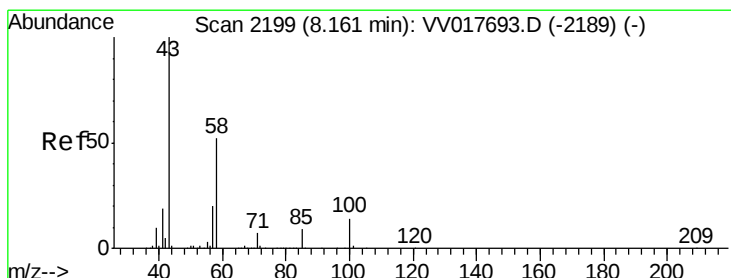
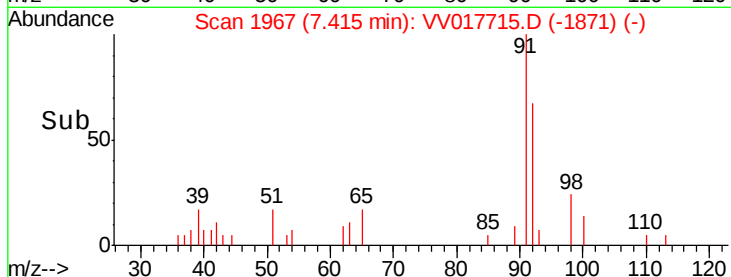
500

0

7.40

7.45

Time-->



#50

2-Hexanone

Concen: 2.458 ug/L

RT: 8.11 min Scan# 2183

Delta R.T. -0.05 min

Lab File: VV017715.D

Acq: 28 Jul 2020 19:29

Tgt Ion: 43 Resp: 7906

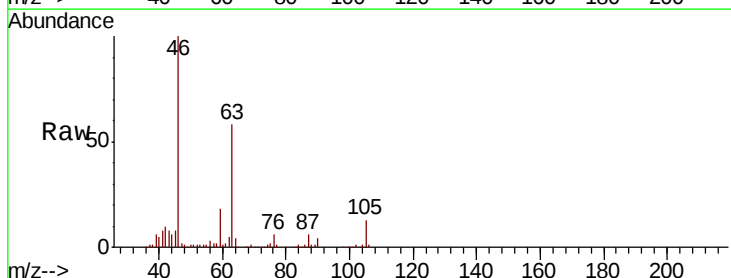
Ion Ratio Lower Upper

43 100

58 27.5 41.6 62.4#

57 30.8 15.4 23.0#

100 2.1 11.2 16.8#



Abundance Ion 43.05 (42.75 to 43.75): VV017693.D (-2189) (-)

Ion 58.05 (57.75 to 58.75): VV017693.D (-2189) (-)

Ion 57.20 (56.90 to 57.90): VV017693.D (-2189) (-)

Ion 100.15 (99.85 to 100.85): VV017693.D (-2189) (-)

8.11

6000

5000

4000

3000

2000

1000

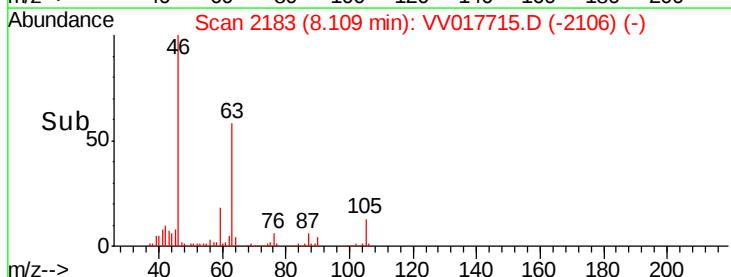
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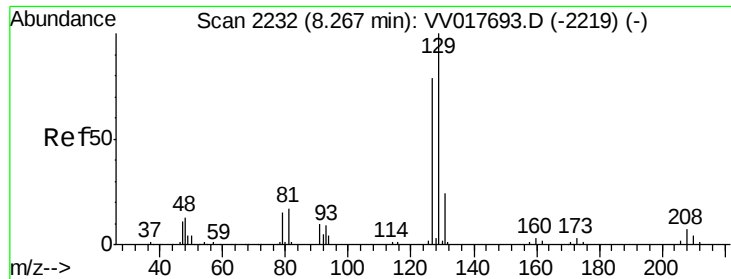
8.05

8.10

8.15

Time-->





#51
 Dibromochloromethane
 Concen: 0.099 ug/L
 RT: 8.00 min Scan# 2149
 Delta R.T. -0.27 min
 Lab File: VV017715.D
 Acq: 28 Jul 2020 19:29

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:129 Resp: 790
 Ion Ratio Lower Upper
 129 100
 127 0.0 56.3 104.5#

