

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071818\
 Data File : VV006630.D
 Acq On : 18 Jul 2018 15:47
 Operator : SY/MD
 Sample : J3983-13
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB191

Quant Time: Jul 19 02:46:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 19 02:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	280375	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	260350	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	126624	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	108217	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.58	69	85127	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.13	63	134716	2.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.60%#
20) 2-Butanone-d5	3.96	46	217459	57.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.86%
24) Chloroform-d	4.40	84	175829	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
26) 1,2-Dichloroethane-d4	5.09	65	84492	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
32) Benzene-d6	5.10	84	372182	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
36) 1,2-Dichloropropane-d6	6.12	67	118984	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.40%
41) Toluene-d8	7.36	98	328822	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	7.67	79	40911	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.14	63	205365	39.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.88%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	83508	3.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	123064	4.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.80%

Target Compounds

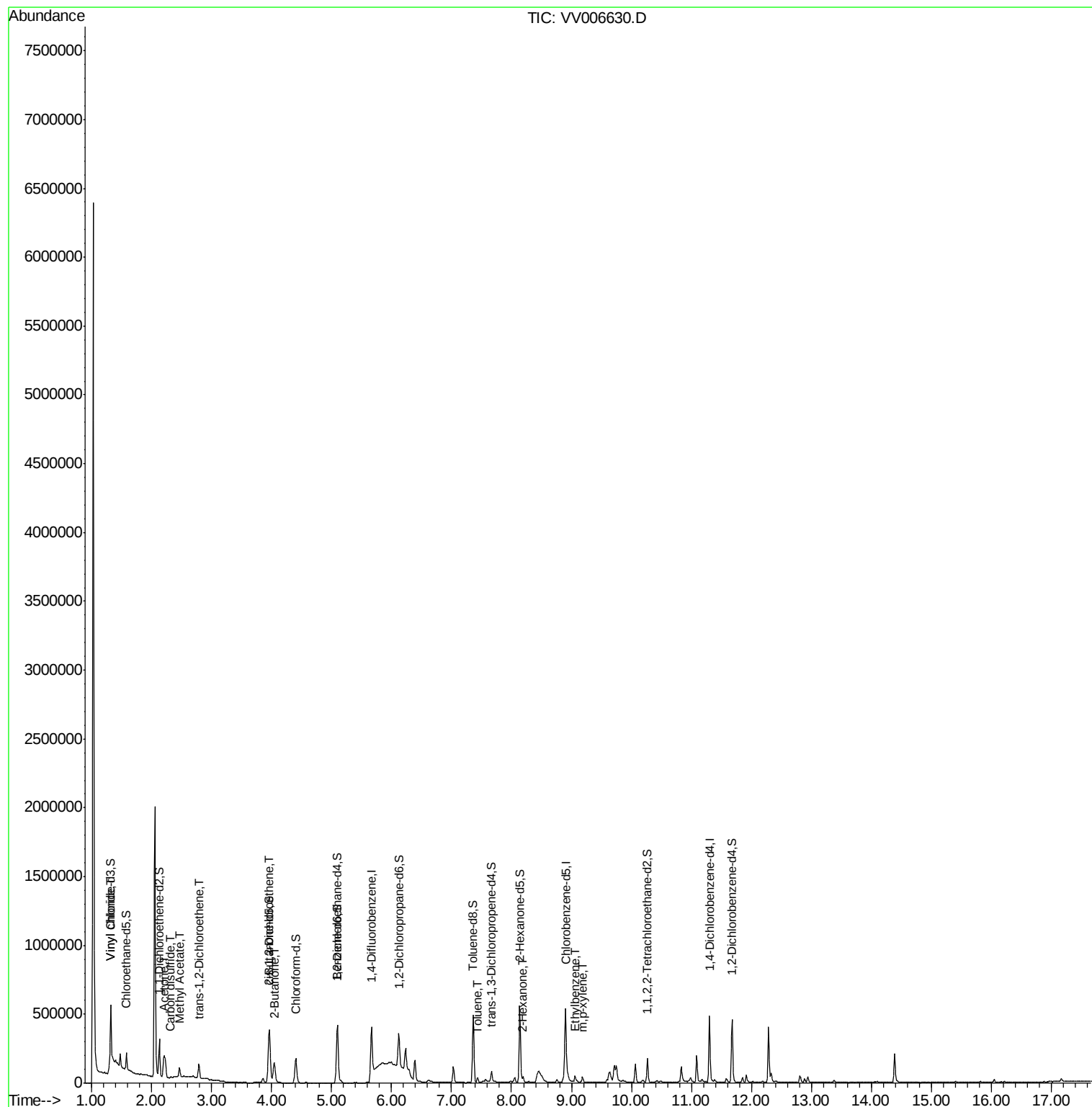
						Ovalue
5) Vinyl chloride	1.32	62	218408	6.48	ug/L	# 44
13) Acetone	2.21	43	192588	51.40	ug/L	100
14) Carbon disulfide	2.32	76	17371	0.25	ug/L	96
15) Methyl Acetate	2.47	43	76188	6.58	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	38503	1.56	ug/L	98
21) 2-Butanone	4.04	43	234102	35.67	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	147008	5.68	ug/L	98
42) Toluene	7.43	91	23654	0.24	ug/L	99
48) 2-Hexanone	8.19	43	24270	2.38	ug/L	99
52) Ethylbenzene	9.06	91	29048	0.27	ug/L	99
53) m,p-xylene	9.18	106	11013	0.27	ug/L	98

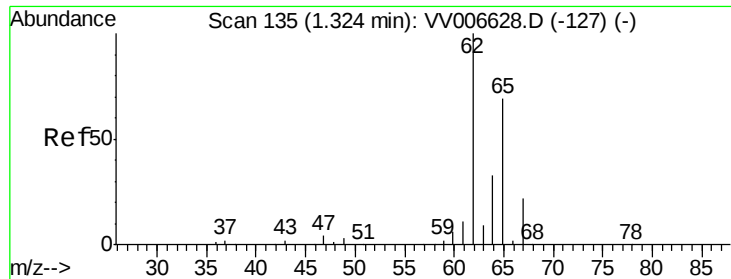
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 6.48 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV006630.D

Acq: 18 Jul 2018 15:47

Instrument :

MSVOA_V

ClientSampleID :

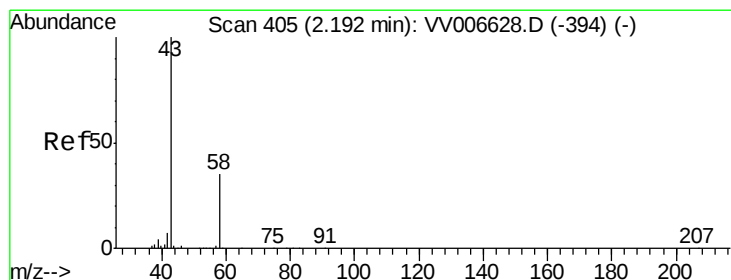
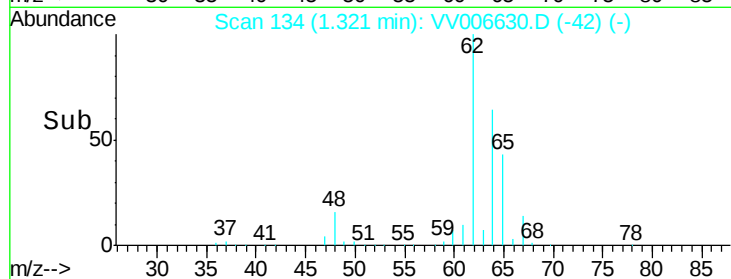
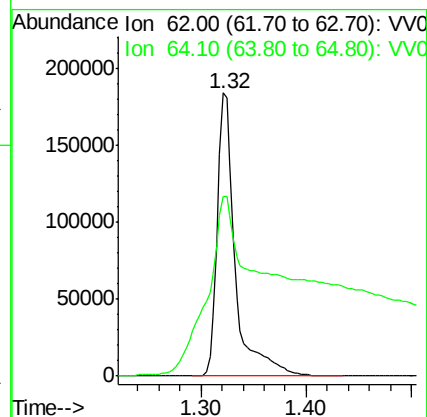
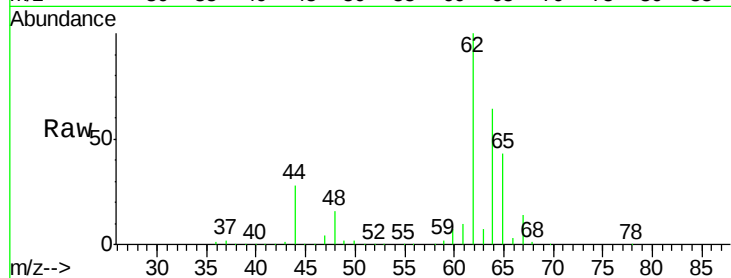
DB191

Tot Ion: 62 Resp: 218408

Ion Ratio Lower Upper

62 100

64 63.7 22.6 42.0#



#13

Acetone

Concen: 51.40 ug/L

RT: 2.21 min Scan# 410

Delta R.T. 0.02 min

Lab File: VV006630.D

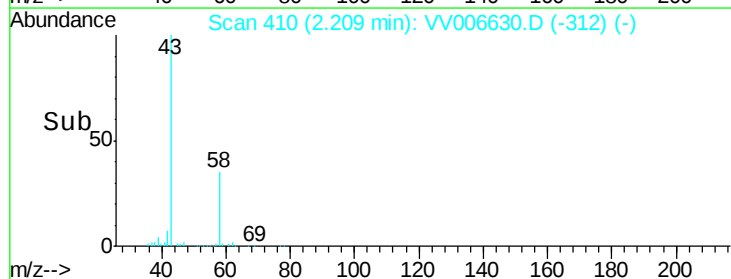
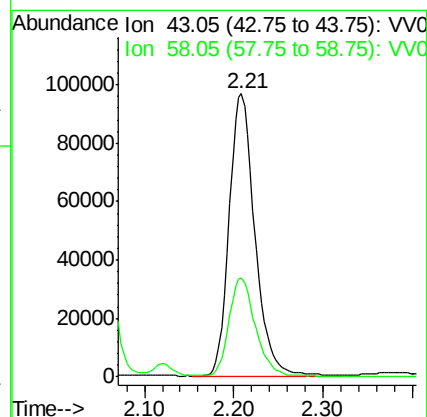
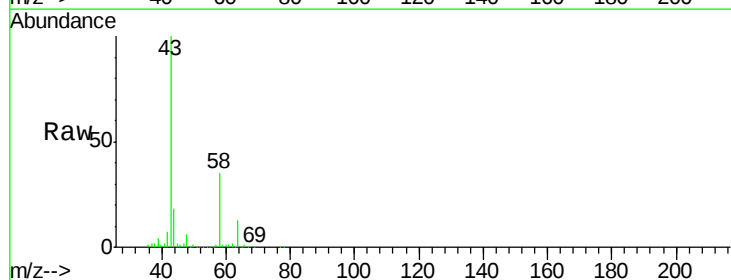
Acq: 18 Jul 2018 15:47

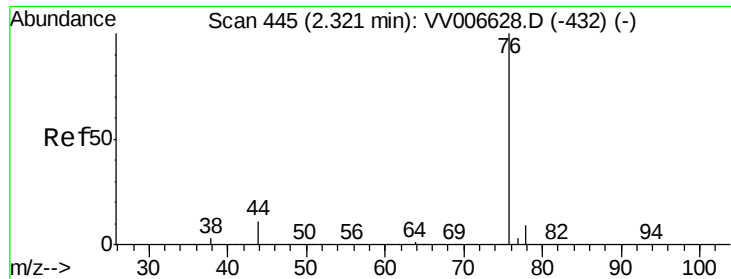
Tgt Ion: 43 Resp: 192588

Ion Ratio Lower Upper

43 100

58 35.4 0.0 70.8





#14

Carbon disulfide

Concen: 0.25 ug/L

RT: 2.32 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV006630.D

Acq: 18 Jul 2018 15:47

Instrument :

MSVOA_V

ClientSampleId :

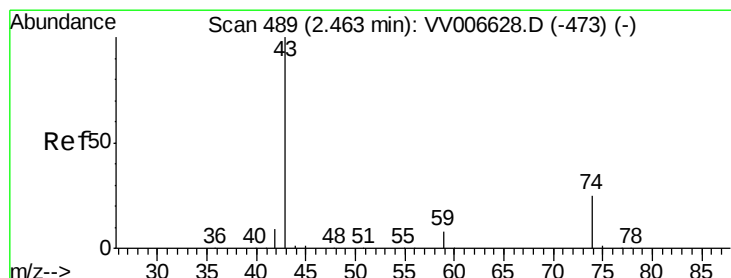
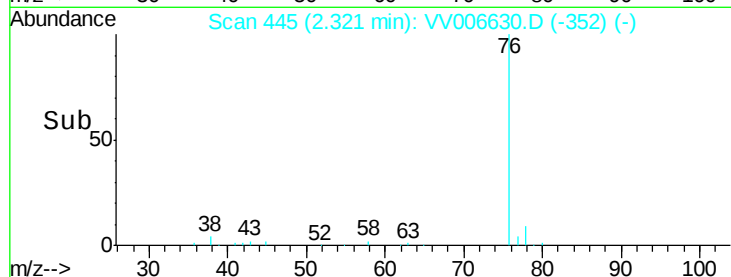
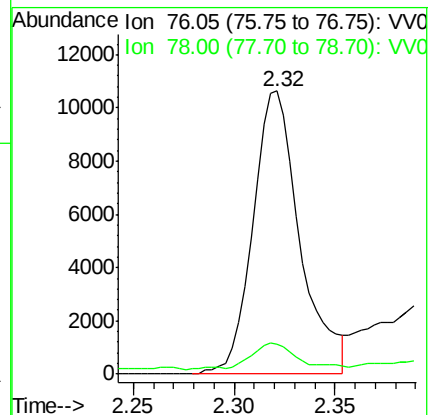
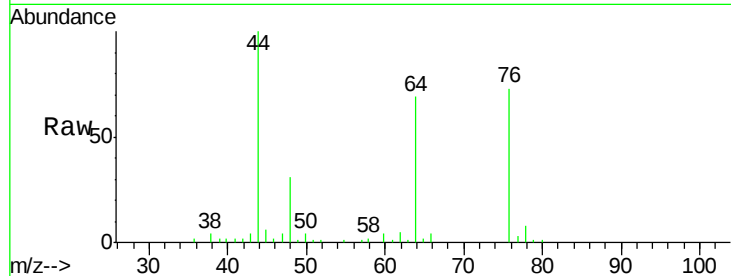
DB191

Tot Ion: 76 Resp: 17371

Ion Ratio Lower Upper

76 100

78 10.7 7.5 11.3



#15

Methyl Acetate

Concen: 6.58 ug/L

RT: 2.47 min Scan# 490

Delta R.T. 0.00 min

Lab File: VV006630.D

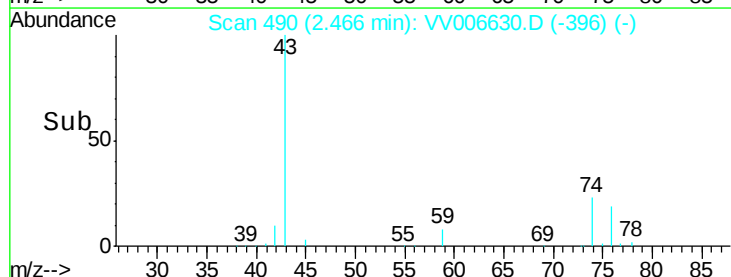
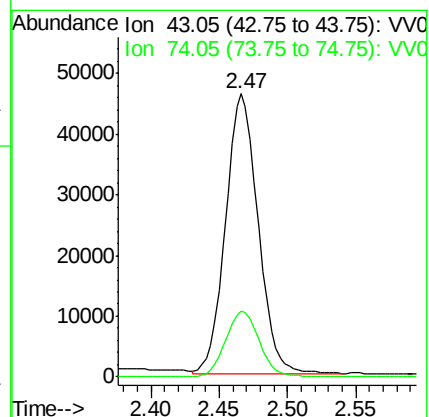
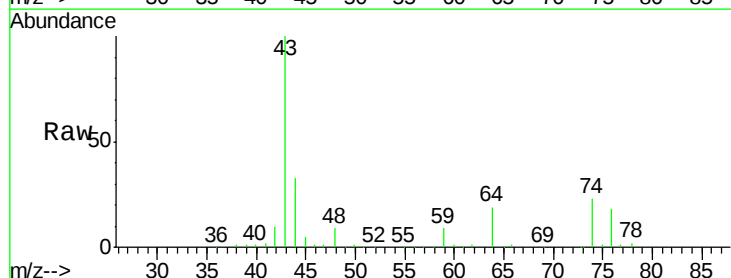
Acq: 18 Jul 2018 15:47

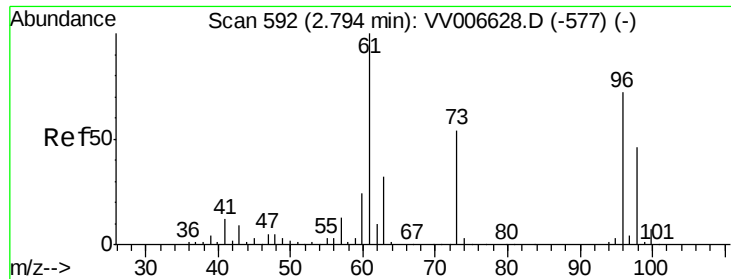
Tgt Ion: 43 Resp: 76188

Ion Ratio Lower Upper

43 100

74 24.5 20.2 30.4

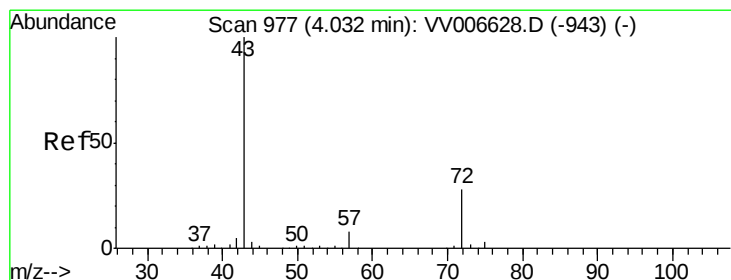
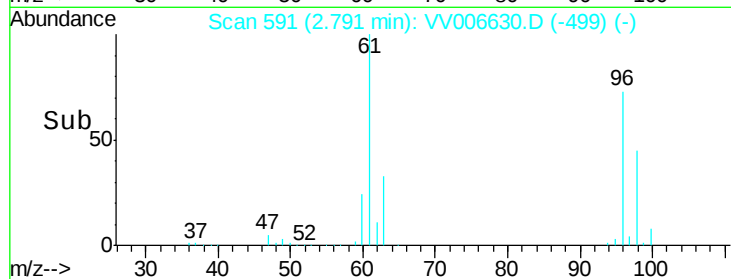
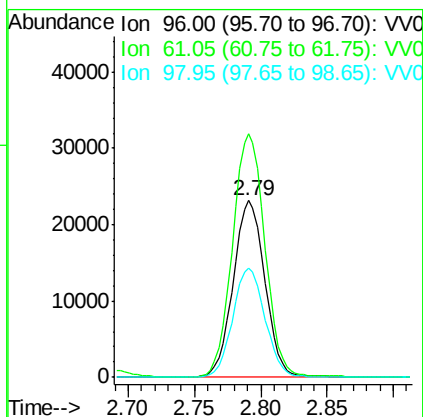
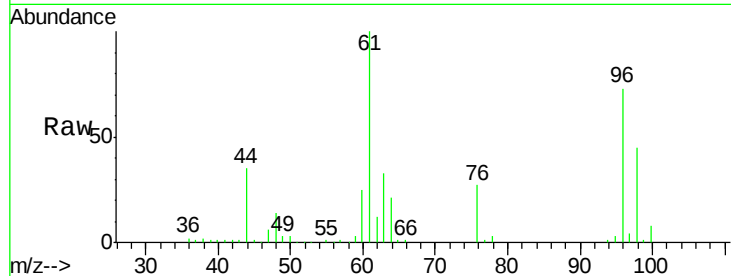




#18
trans-1,2-Dichloroethene
Concen: 1.56 ug/L
RT: 2.79 min Scan# 591
Delta R.T. -0.00 min
Lab File: VV006630.D
Acq: 18 Jul 2018 15:47

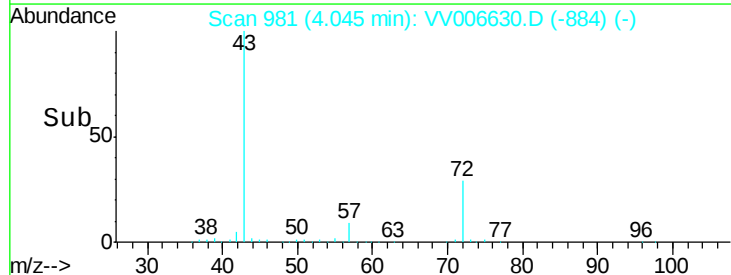
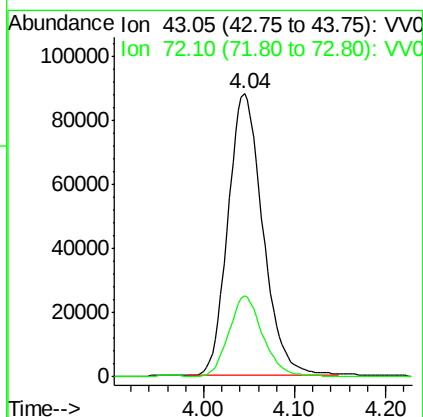
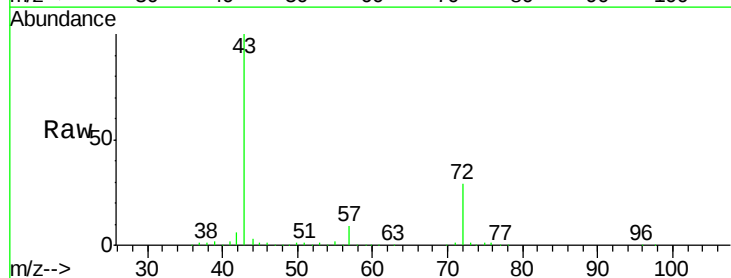
Instrument :
MSVOA_V
ClientSampleId :
DB191

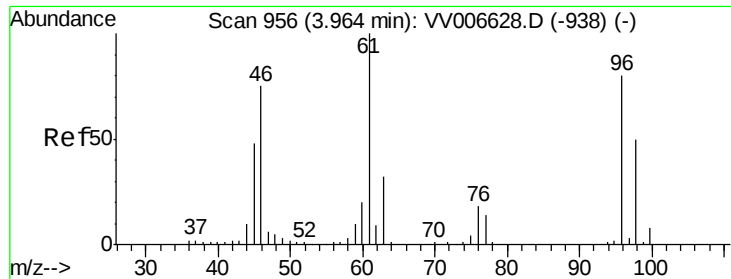
Tot Ion: 96 Resp: 38503
Ion Ratio Lower Upper
96 100
61 137.8 98.1 182.1
98 61.9 44.4 82.4



#21
2-Butanone
Concen: 35.67 ug/L
RT: 4.04 min Scan# 981
Delta R.T. 0.01 min
Lab File: VV006630.D
Acq: 18 Jul 2018 15:47

Tgt Ion: 43 Resp: 234102
Ion Ratio Lower Upper
43 100
72 28.2 13.4 40.1





#22

cis-1,2-Dichloroethene

Concen: 5.68 ug/L

RT: 3.96 min Scan# 956

Delta R.T. 0.00 min

Lab File: VV006630.D

Acq: 18 Jul 2018 15:47

Instrument :

MSVOA_V

ClientSampleId :

DB191

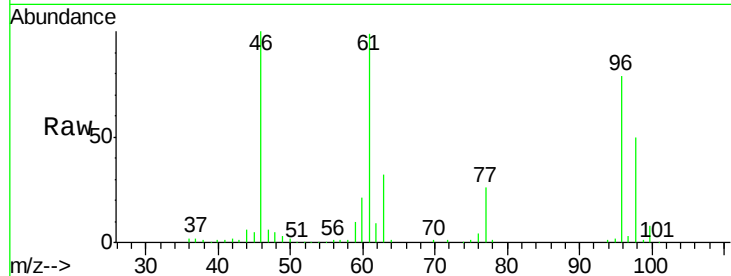
Tot Ion: 96 Resp: 147008

Ion Ratio Lower Upper

96 100

61 125.0 86.2 160.2

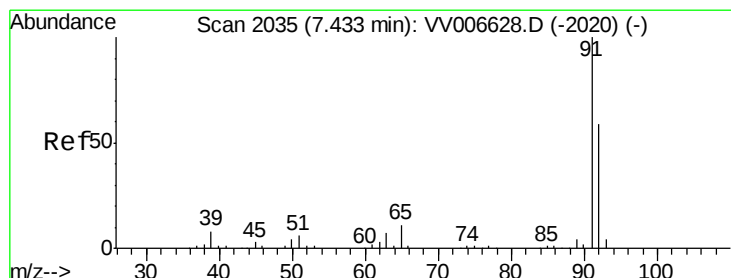
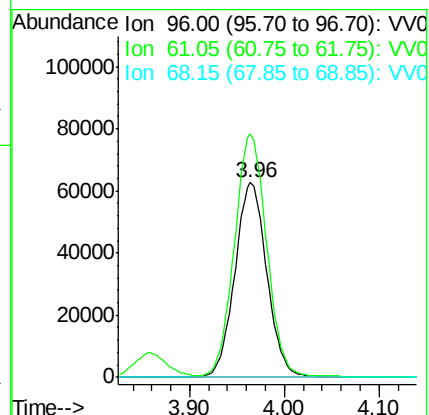
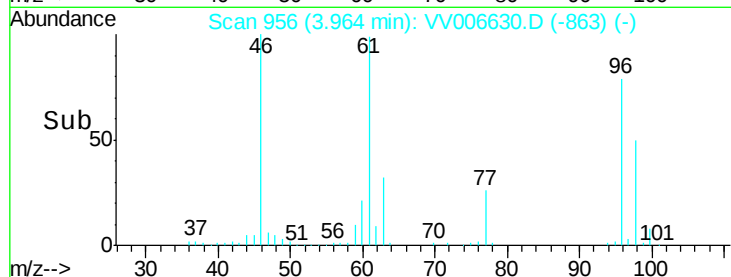
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV006630.D (-863) (-)

Ion 61.05 (60.75 to 61.75): VV006630.D (-863) (-)

Ion 68.15 (67.85 to 68.85): VV006630.D (-863) (-)



#42

Toluene

Concen: 0.24 ug/L

RT: 7.43 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VV006630.D

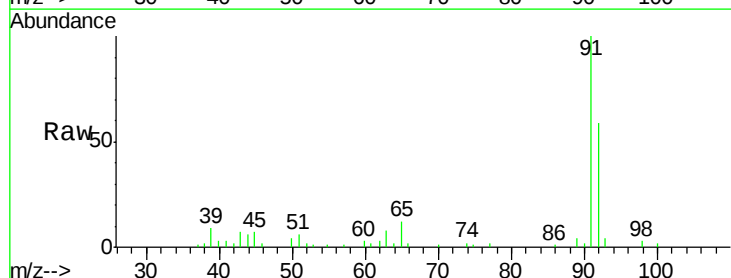
Acq: 18 Jul 2018 15:47

Tgt Ion: 91 Resp: 23654

Ion Ratio Lower Upper

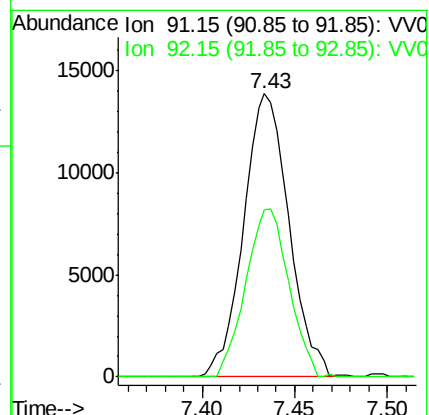
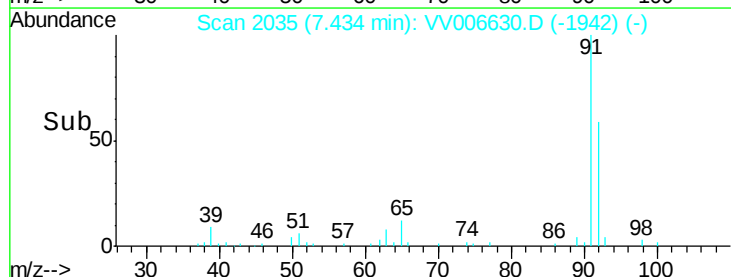
91 100

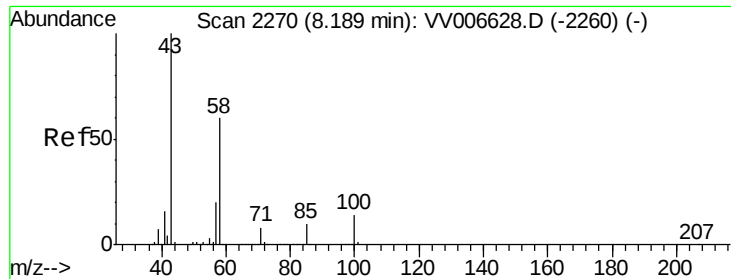
92 59.0 40.8 75.8



Abundance Ion 91.15 (90.85 to 91.85): VV006630.D (-1942) (-)

Ion 92.15 (91.85 to 92.85): VV006630.D (-1942) (-)

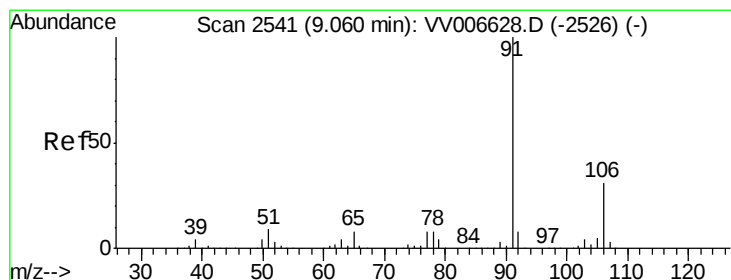
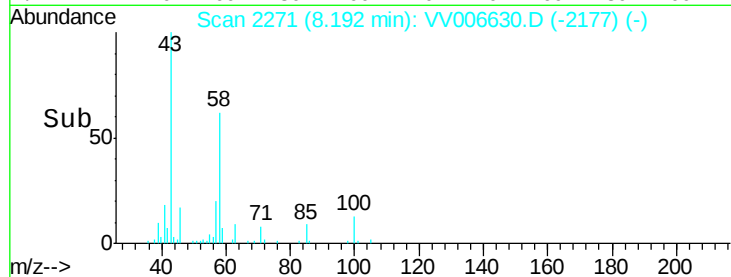
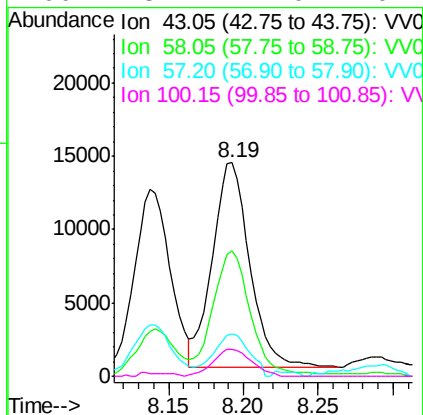
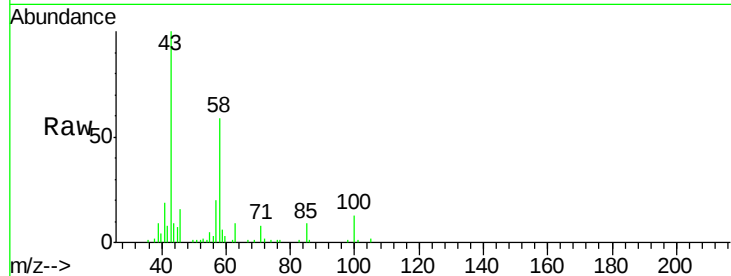




#48
2-Hexanone
Concen: 2.38 ug/L
RT: 8.19 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VV006630.D
Acq: 18 Jul 2018 15:47

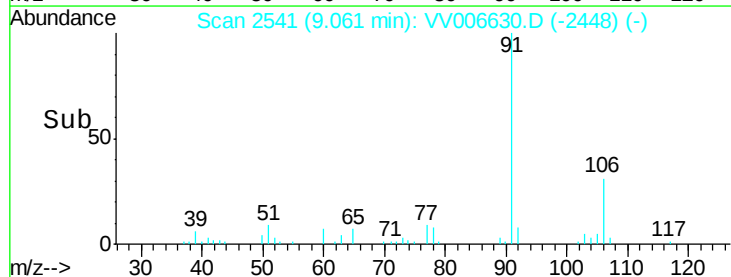
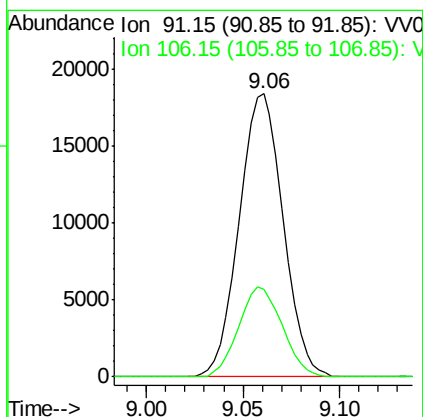
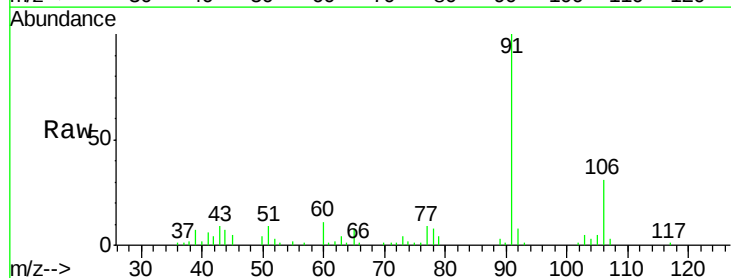
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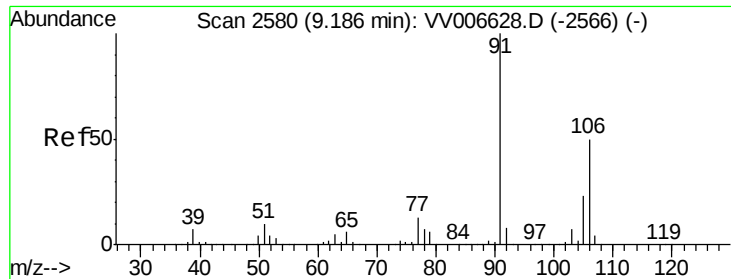
Tot Ion:	43	Resp:	24270
Ion	Ratio	Lower	Upper
43	100		
58	59.9	48.2	72.4
57	19.8	16.2	24.4
100	13.4	11.0	16.4



#52
Ethylbenzene
Concen: 0.27 ug/L
RT: 9.06 min Scan# 2541
Delta R.T. 0.00 min
Lab File: VV006630.D
Acq: 18 Jul 2018 15:47

Tgt Ion:	91	Resp:	29048
Ion	Ratio	Lower	Upper
91	100		
106	31.1	22.2	41.2





#53

m,p-xylene

Concen: 0.27 ug/L

RT: 9.18 min Scan# 2579

Delta R.T. -0.00 min

Lab File: VV006630.D

Acq: 18 Jul 2018 15:47

Instrument :
MSVOA_V
ClientSampleId :
DB191

Tot Ion:106 Resp: 11013

Ion Ratio Lower Upper

106 100

91 203.1 140.3 260.5

