

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101518\
 Data File : VV008281.D
 Acq On : 15 Oct 2018 18:15
 Operator : SY/MD
 Sample : J5407-03
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 16 05:25:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 16 05:17:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	72069	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	62906	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	24635	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21034	5.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.20%
7) Chloroethane-d5	1.58	69	14639	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.14	63	28263	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	3.96	46	63688	46.62	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.24%
24) Chloroform-d	4.41	84	39638	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.09	65	21168	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.10	84	88857	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.13	67	29456	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.36	98	78534	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.67	79	10773	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.14	63	38140	43.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.26%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	17178	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	22262	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

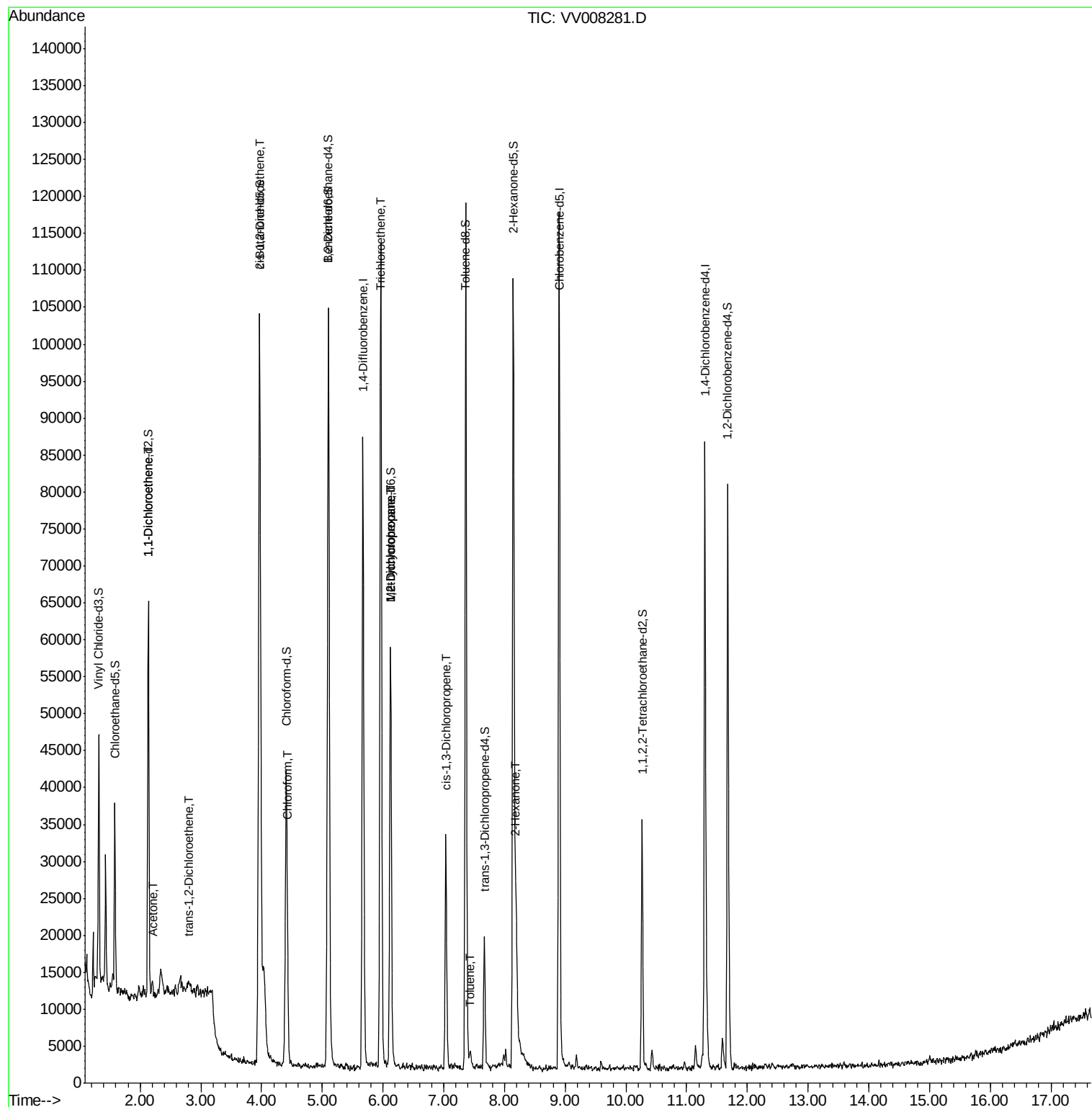
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	1036	0.299	ug/L #	1
13) Acetone	2.21	43	1427	1.931	ug/L	75
18) trans-1,2-Dichloroethene	2.80	96	514	0.138	ug/L #	60
22) cis-1,2-Dichloroethene	3.97	96	38466	6.396	ug/L #	97
25) Chloroform	4.43	83	801	0.085	ug/L #	73
34) Trichloroethene	5.96	95	39655	6.750	ug/L	98
35) Methylcyclohexane	6.13	83	7151	0.722	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3065	0.536	ug/L #	90
39) cis-1,3-Dichloropropene	7.04	75	757	0.093	ug/L #	40
42) Toluene	7.43	91	1593	0.072	ug/L	85
48) 2-Hexanone	8.19	43	13612	5.317	ug/L #	85

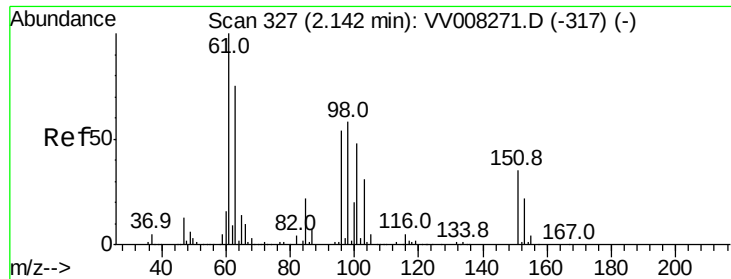
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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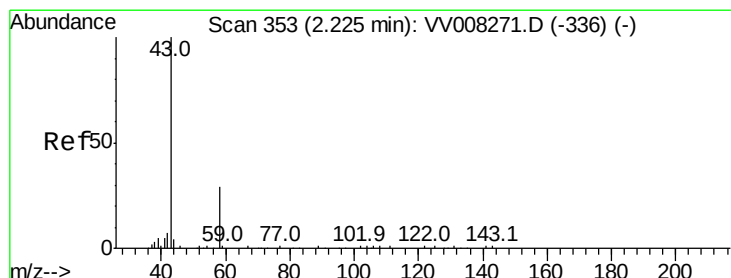
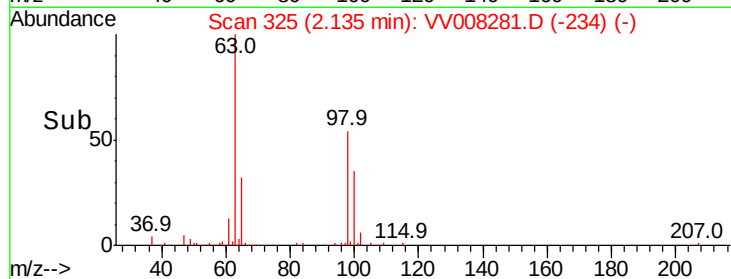
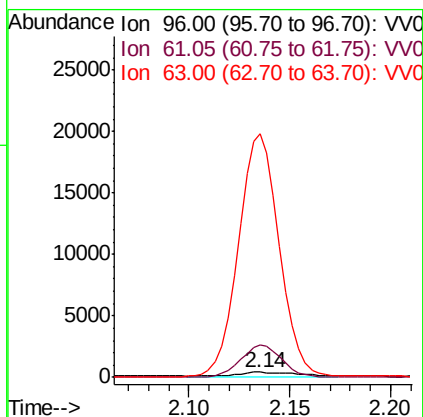
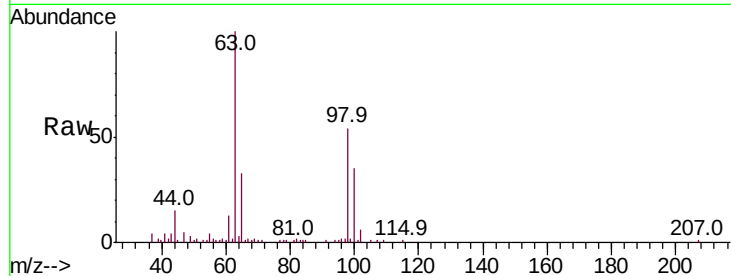




#12
 1,1-Dichloroethene
 Concen: 0.299 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. -0.01 min
 Lab File: VV008281.D
 Acq: 15 Oct 2018 18:15

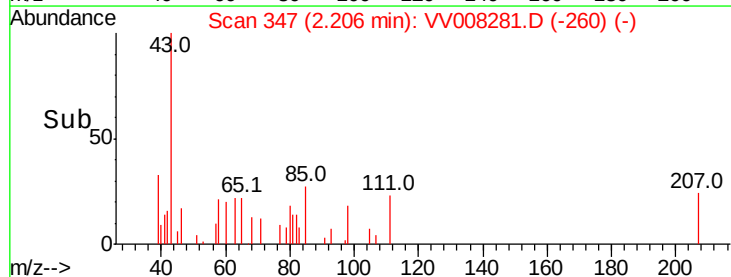
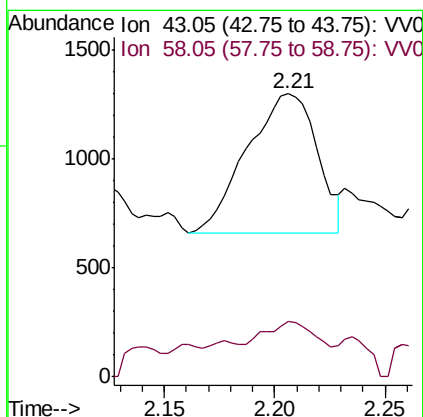
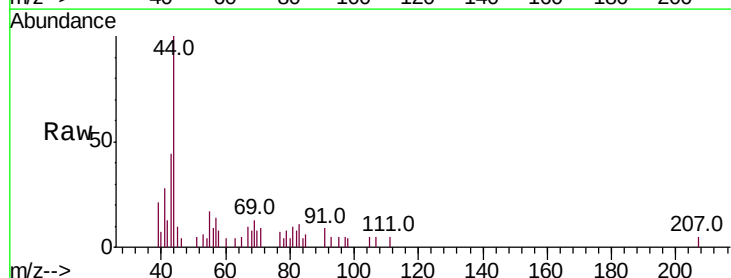
Instrument :
 MSVOA_V
 ClientSampled :

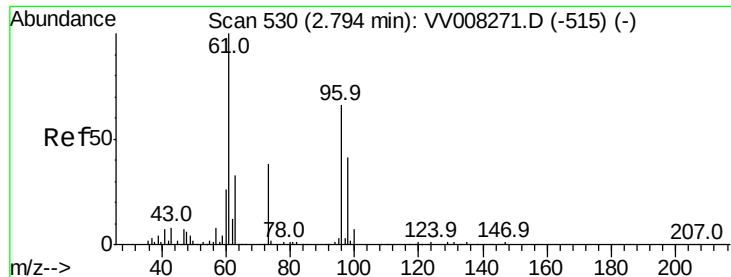
Tot Ion: 96 Resp: 1036
 Ion Ratio Lower Upper
 96 100
 61 633.7 129.9 241.3#
 63 4841.1 103.0 191.4#



#13
 Acetone
 Concen: 1.931 ug/L
 RT: 2.21 min Scan# 347
 Delta R.T. -0.02 min
 Lab File: VV008281.D
 Acq: 15 Oct 2018 18:15

Tgt Ion: 43 Resp: 1427
 Ion Ratio Lower Upper
 43 100
 58 17.3 0.0 62.0

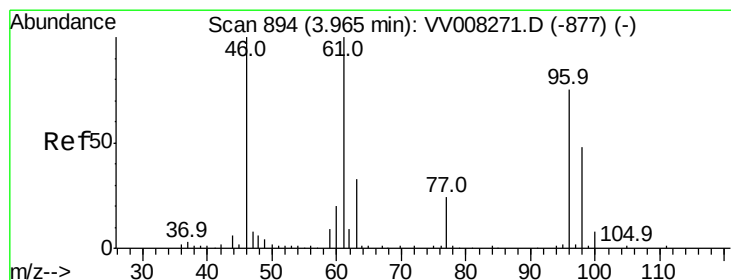
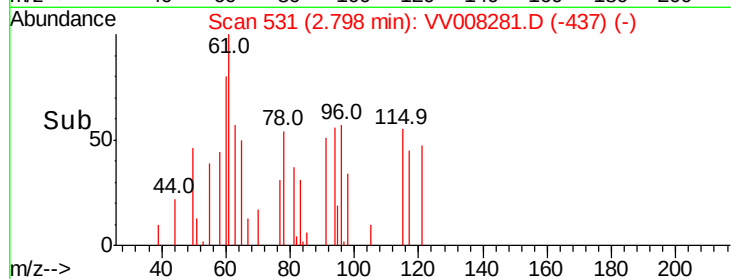
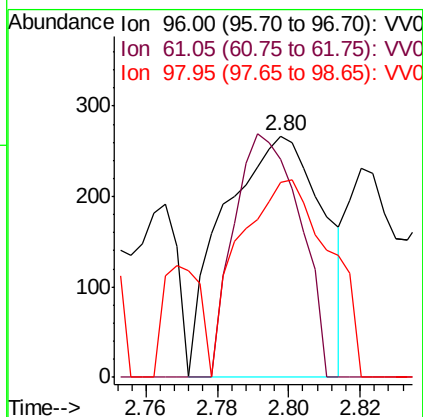
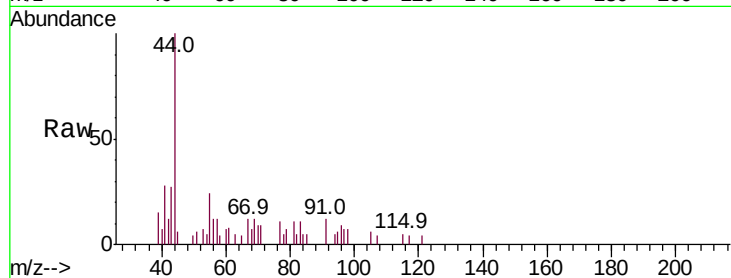




#18
 trans-1,2-Dichloroethene
 Concen: 0.138 ug/L
 RT: 2.80 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VV008281.D
 Acq: 15 Oct 2018 18:15

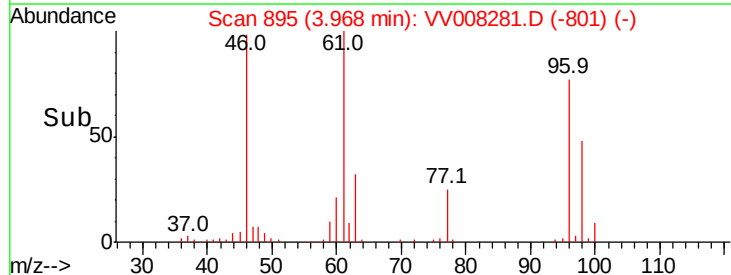
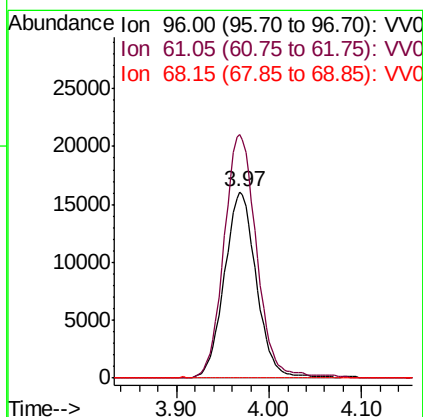
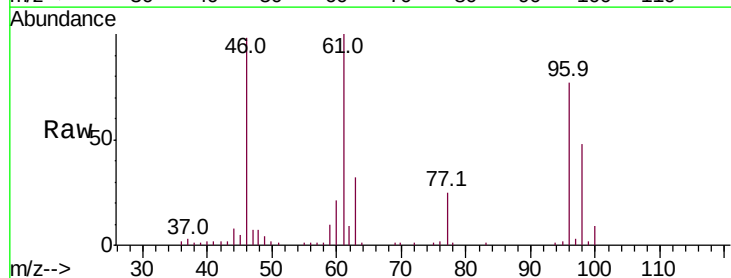
Instrument :
 MSVOA_V
 ClientSampled :

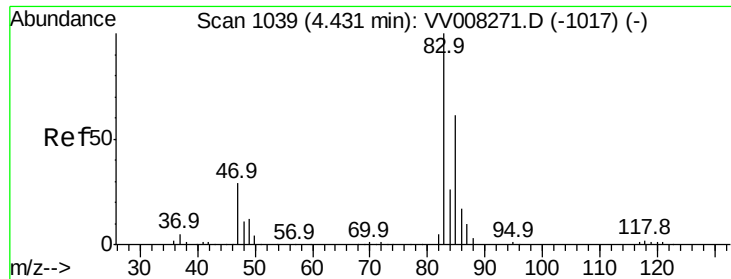
Tot Ion: 96 Resp: 514
 Ion Ratio Lower Upper
 96 100
 61 90.3 104.6 194.2#
 98 80.5 44.1 81.9



#22
 cis-1,2-Dichloroethene
 Concen: 6.396 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: VV008281.D
 Acq: 15 Oct 2018 18:15

Tgt Ion: 96 Resp: 38466
 Ion Ratio Lower Upper
 96 100
 61 130.5 93.7 174.1
 68 0.0 0.6 1.2#

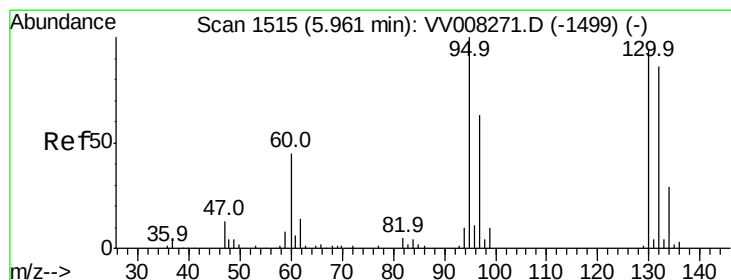
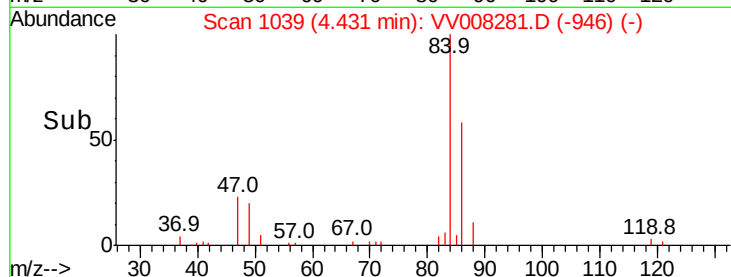
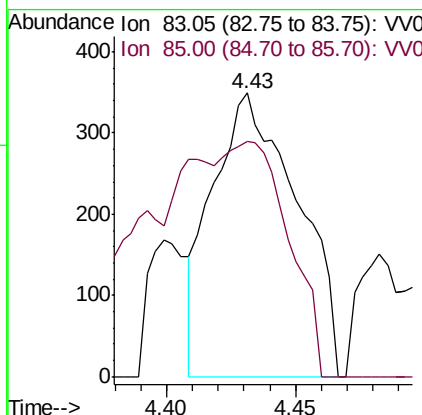
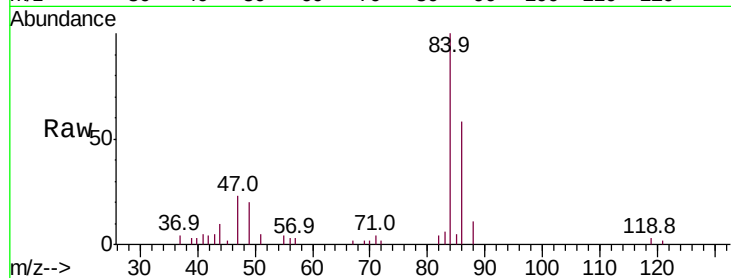




#25
Chloroform
Concen: 0.085 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
Lab File: VV008281.D
Acq: 15 Oct 2018 18:15

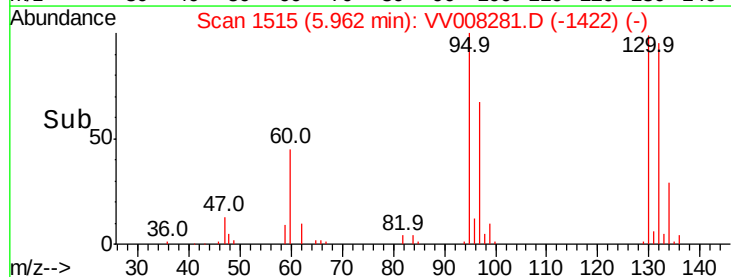
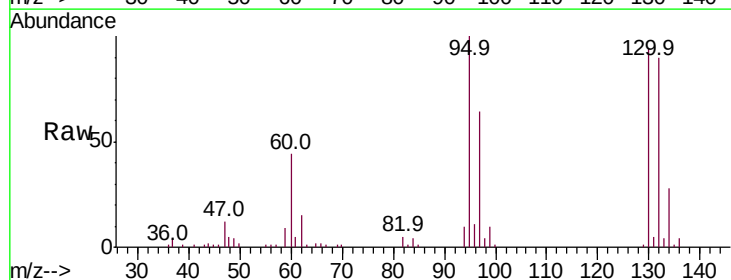
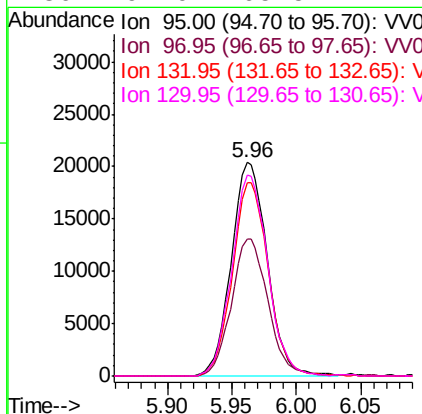
Instrument :
MSVOA_V
ClientSampleId :

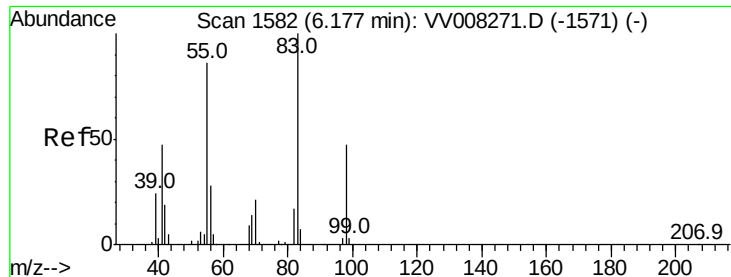
Tot Ion: 83 Resp: 801
Ion Ratio Lower Upper
83 100
85 83.1 43.4 80.6#



#34
Trichloroethene
Concen: 6.750 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV008281.D
Acq: 15 Oct 2018 18:15

Tgt Ion: 95 Resp: 39655
Ion Ratio Lower Upper
95 100
97 64.2 44.4 82.4
132 90.3 60.4 112.2
130 94.0 65.5 121.7

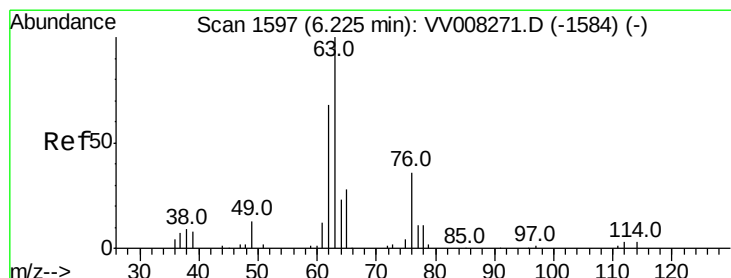
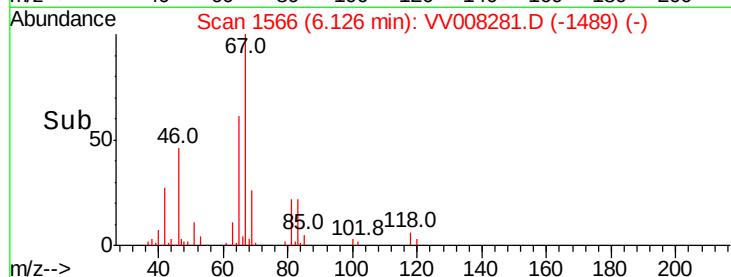
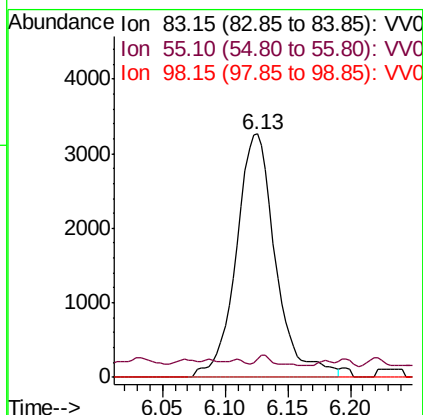
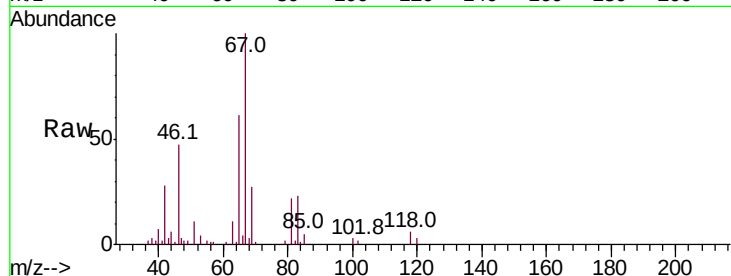




#35
Methvlcvclohexane
Concen: 0.722 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV008281.D
Acq: 15 Oct 2018 18:15

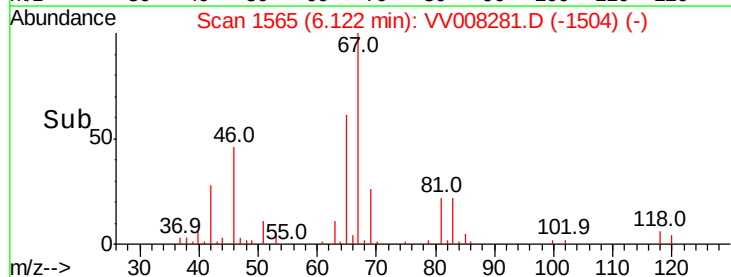
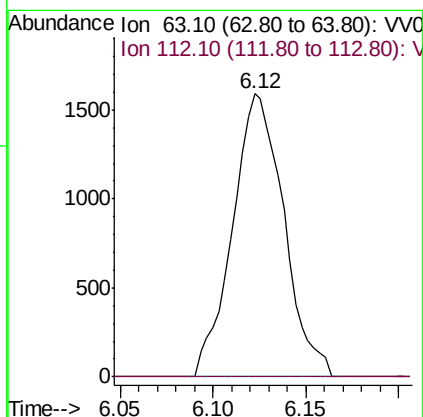
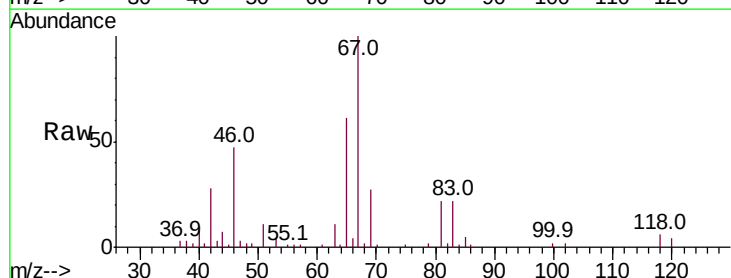
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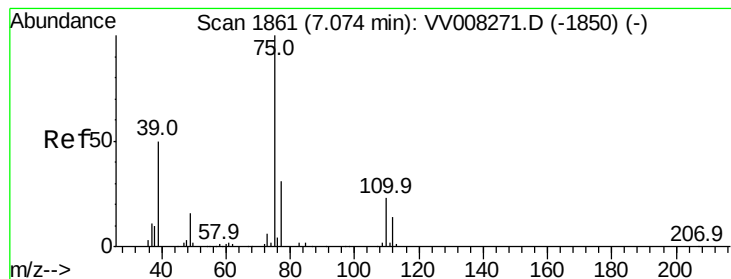
Tot Ion: 83 Resp: 7151
Ion Ratio Lower Upper
83 100
55 1.2 64.0 96.0#
98 0.0 37.0 55.4#



#37
1,2-Dichloropropane
Concen: 0.536 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008281.D
Acq: 15 Oct 2018 18:15

Tgt Ion: 63 Resp: 3065
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



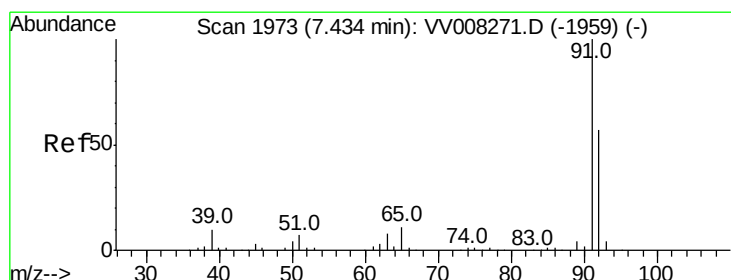
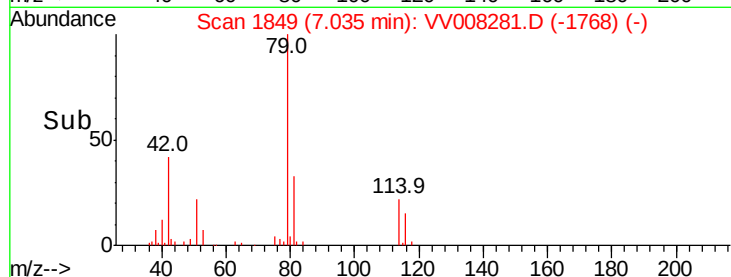
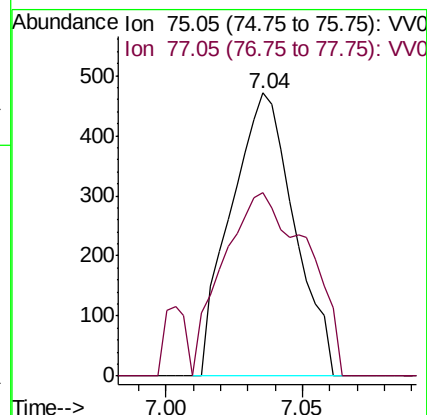
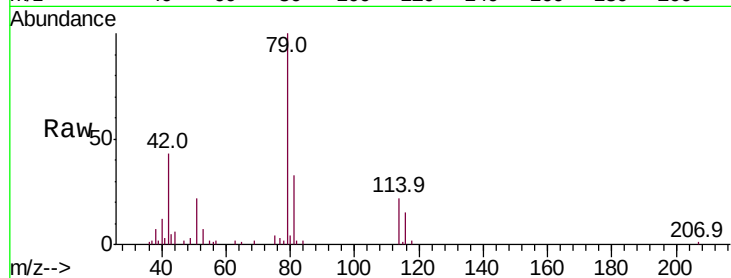


#39

cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008281.D
 Acq: 15 Oct 2018 18:15

Instrument :
 MSVOA_V
 ClientSampled :

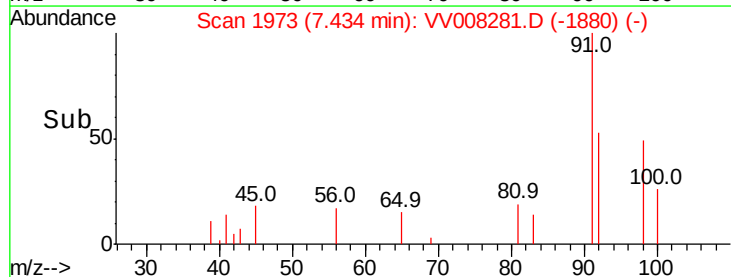
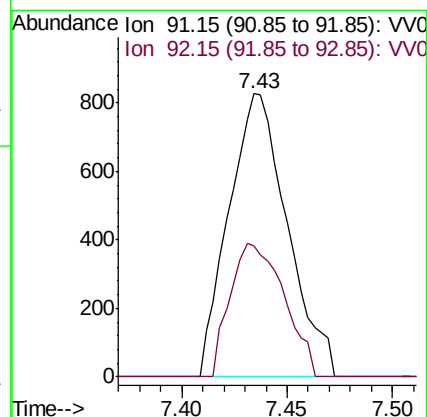
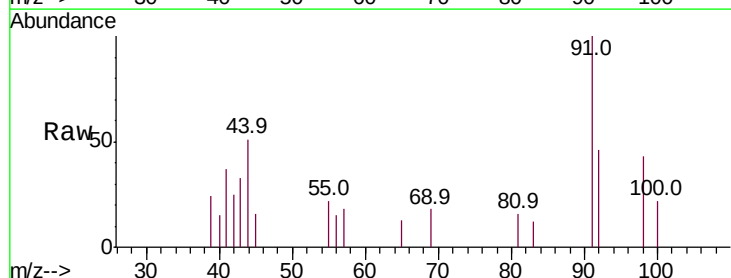
Tot Ion: 75 Resp: 757
 Ion Ratio Lower Upper
 75 100
 77 65.0 22.3 41.3#

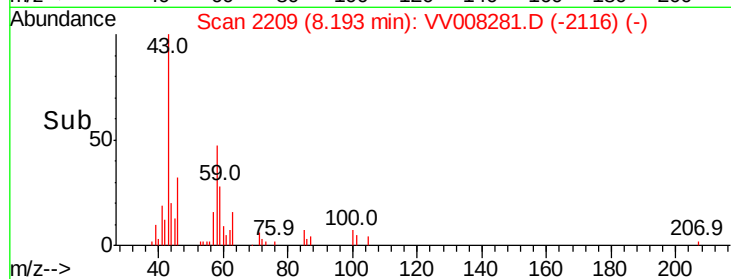
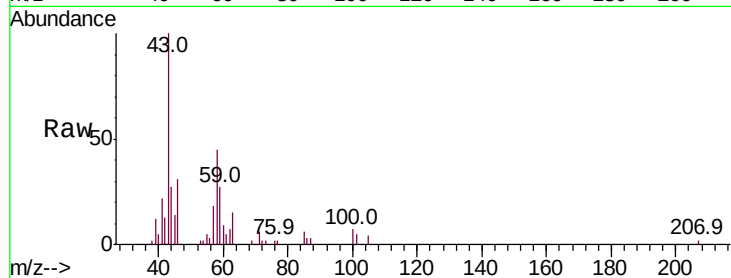
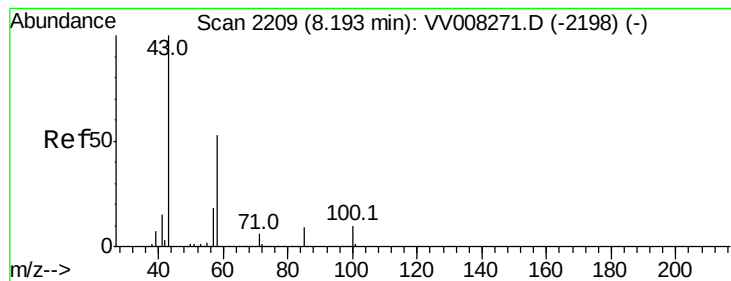


#42

Toluene
 Concen: 0.072 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VV008281.D
 Acq: 15 Oct 2018 18:15

Tgt Ion: 91 Resp: 1593
 Ion Ratio Lower Upper
 91 100
 92 46.3 40.1 74.5





#48

2-Hexanone

Concen: 5.317 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VV008281.D

Acq: 15 Oct 2018 18:15

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 43 Resp: 13612

Ion Ratio Lower Upper

43 100

58 43.4 45.0 67.4#

57 13.1 14.4 21.6#

100 5.9 7.9 11.9#

