

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041720\
 Data File : VV015564.D
 Acq On : 17 Apr 2020 18:46
 Operator : SY/MD
 Sample : L2333-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB6

Manual Integrations
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Quant Time: Apr 18 03:41:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 18 00:37:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	95657	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	90242	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	44003	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	21744	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.58	69	22359	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.12	63	44658	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.40%
20) 2-Butanone-d5	3.91	46	71637	51.40	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.80%
24) Chloroform-d	4.38	84	52145	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.06	65	29648	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.08	84	100041	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.10	67	31280	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.34	98	90169	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	7.65	79	7287	2.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	53.80%#
46) 2-Hexanone-d5	8.11	63	57080	43.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.28%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	21978	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	33411	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.13	96	17410	2.899	ug/L #	80
13) Acetone	2.18	43	3608m	3.664	ug/L	
18) trans-1,2-Dichloroethene	2.78	96	2002	0.296	ug/L	93
19) 1,1-Dichloroethane	3.21	63	3674	0.288	ug/L	95
22) cis-1,2-Dichloroethene	3.94	96	109892	15.642	ug/L	96
25) Chloroform	4.41	83	3588	0.275	ug/L	100
29) 1,1,1-Trichloroethane	4.64	97	1699	0.145	ug/L #	87
31) Carbon tetrachloride	4.86	117	2133	0.209	ug/L	96
34) Trichloroethene	5.94	95	146966	20.216	ug/L	99
47) Tetrachloroethene	8.00	164	42290	7.852	ug/L	98

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

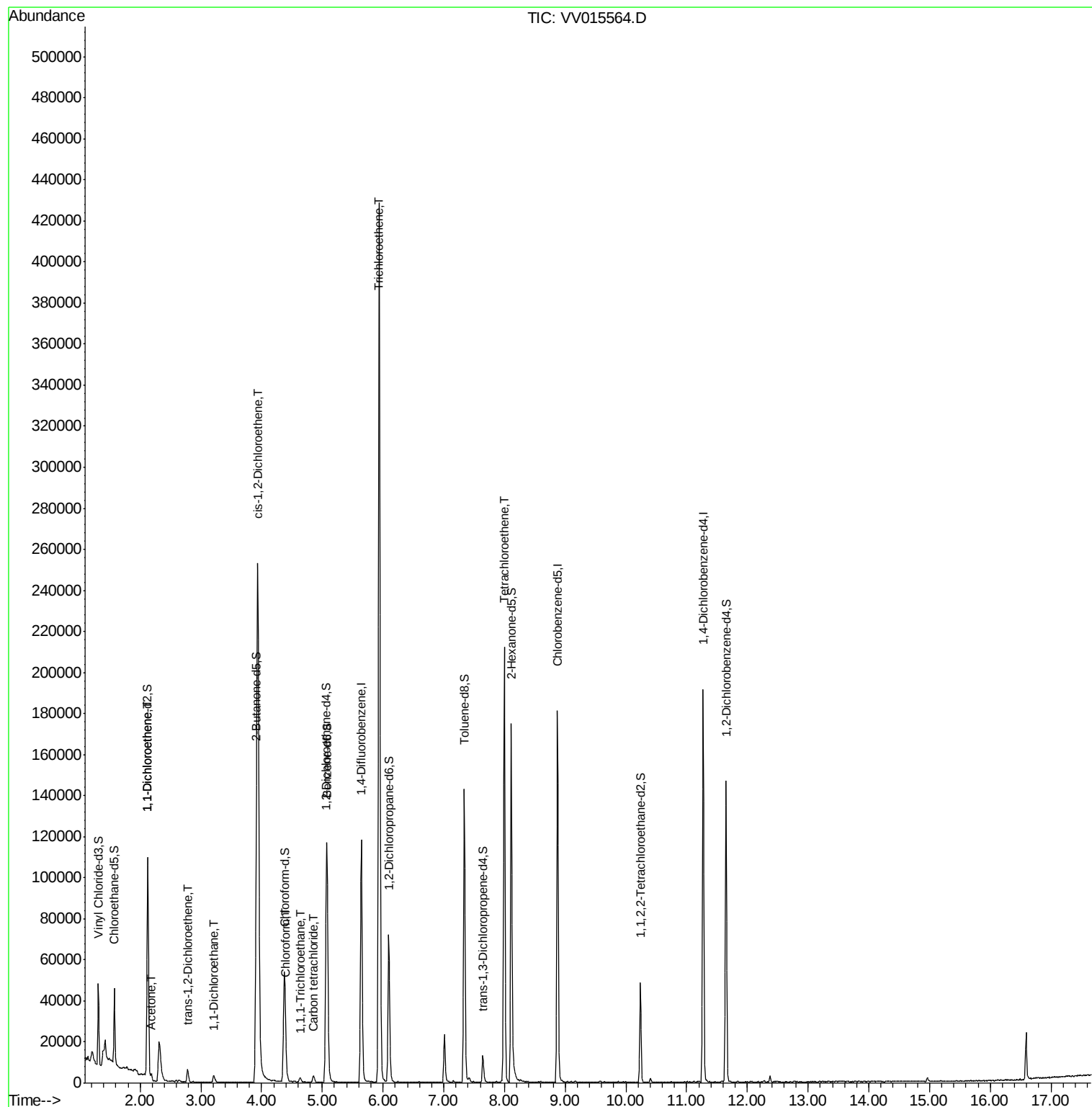
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Data File : VV015564.D
Acq On : 17 Apr 2020 18:46
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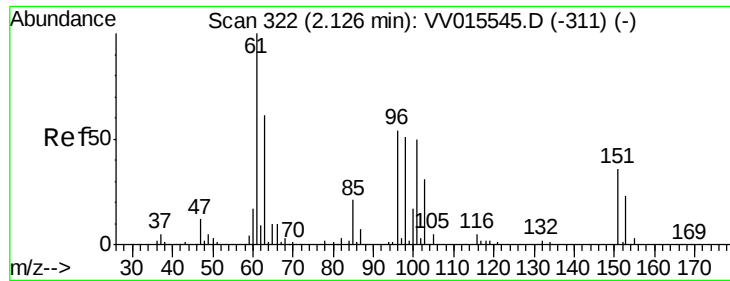
Instrument :
MSVOA_V
ClientSampleId :
C0AB6

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Quant Title : TRACE VOA SOM01.0
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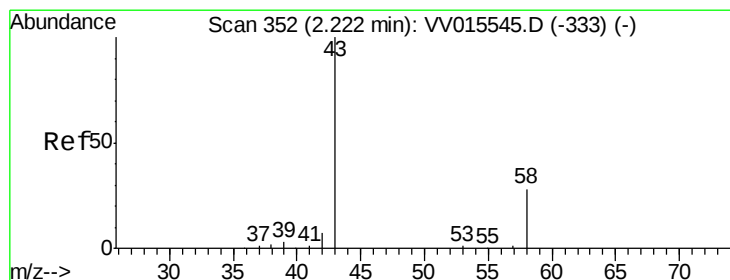
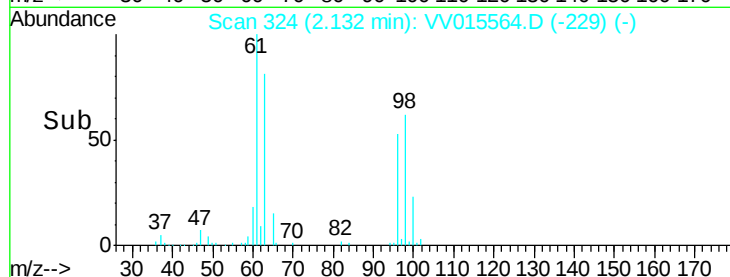
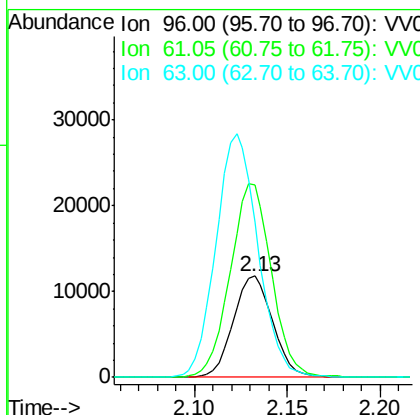
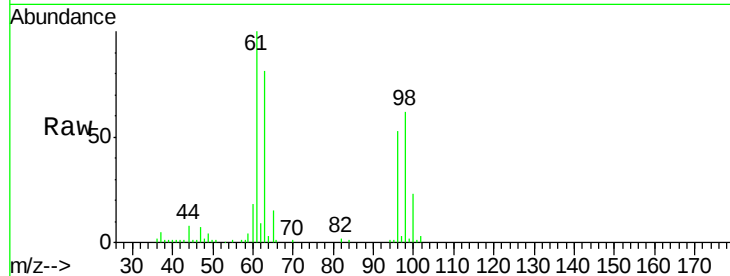
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 1,1-Dichloroethene
 Concen: 2.899 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. 0.01 min
 Lab File: VV015564.D
 Acq: 17 Apr 2020 18:46

Instrument :
 MSVOA_V
 ClientSampled :
 C0AB6

Tot Ion	Ratio	Lower	Upper
96	100		
61	189.8	127.7	237.1
63	153.3	75.1	139.5

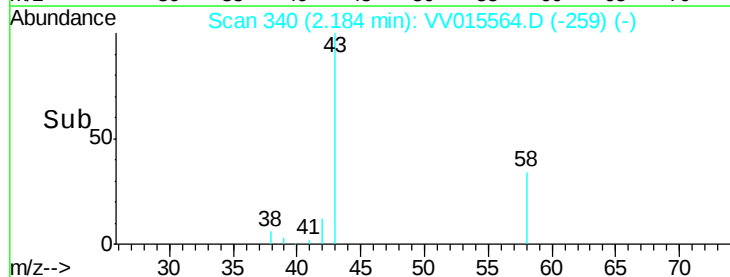
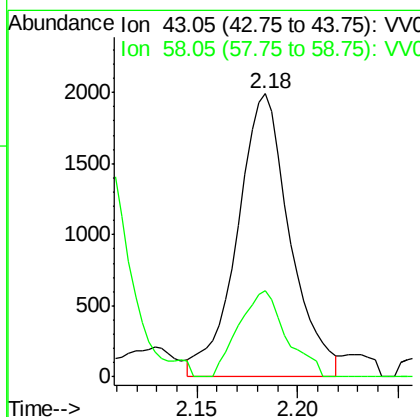
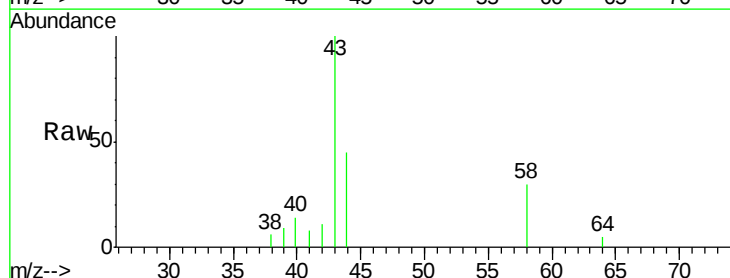
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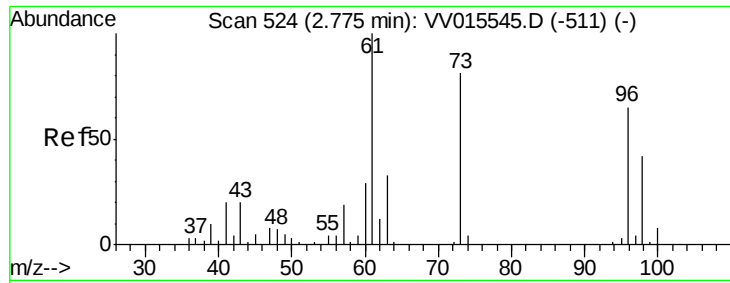
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#13
 Acetone
 Concen: 3.664 ug/L m
 RT: 2.18 min Scan# 340
 Delta R.T. -0.04 min
 Lab File: VV015564.D
 Acq: 17 Apr 2020 18:46

Tgt Ion	Ratio	Lower	Upper
43	100		
58	9.2	0.0	22.2





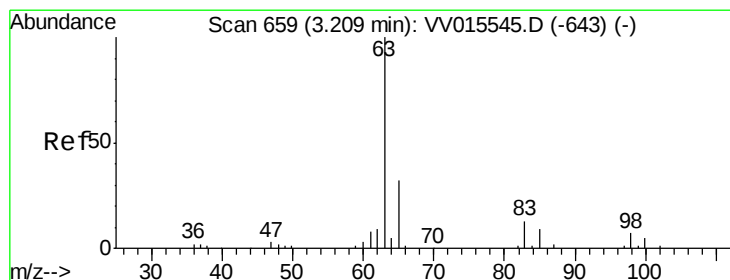
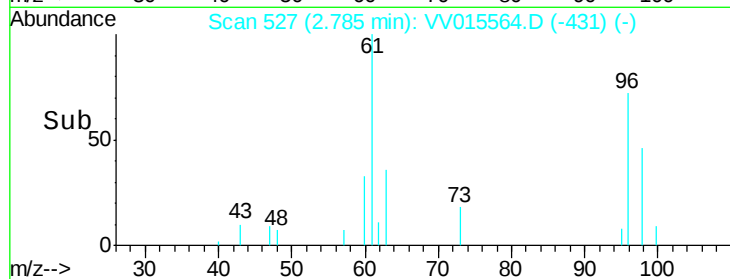
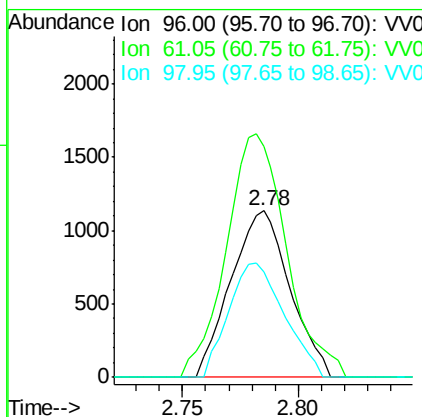
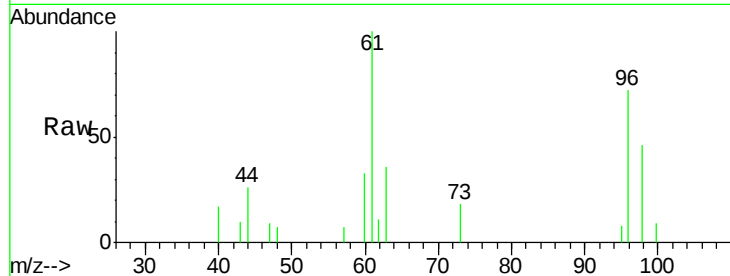
#18
trans-1,2-Dichloroethene
Concen: 0.296 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.01 min
Lab File: VV015564.D
Acq: 17 Apr 2020 18:46

Instrument :
MSVOA_V
ClientSampled :
C0AB6

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.0	104.4	194.0
98	63.5	42.8	79.4

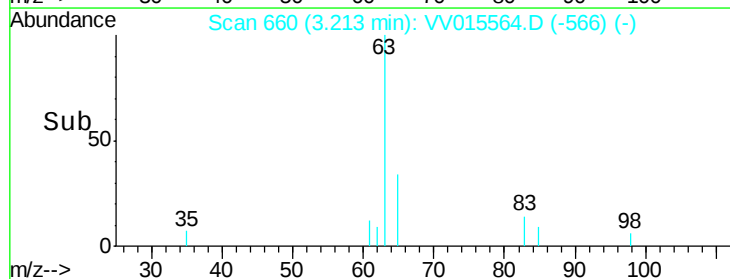
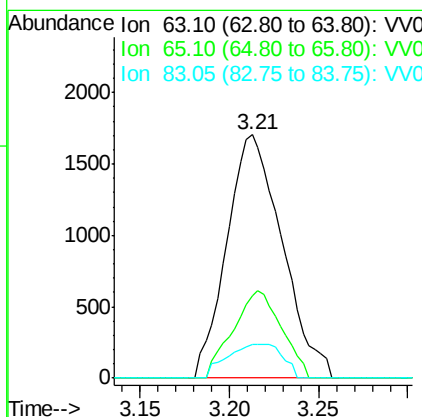
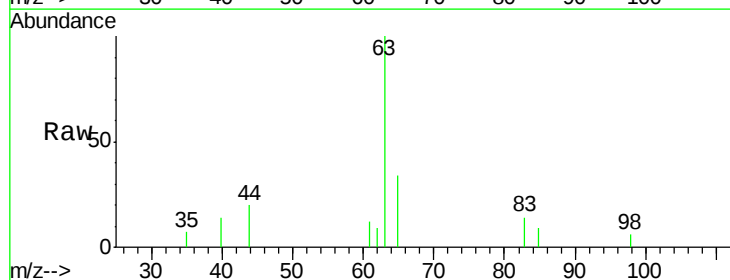
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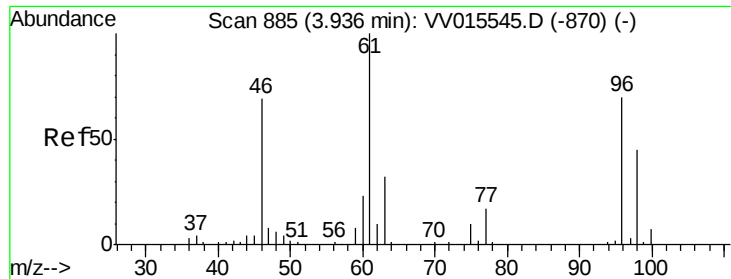
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#19
1,1-Dichloroethane
Concen: 0.288 ug/L
RT: 3.21 min Scan# 660
Delta R.T. 0.00 min
Lab File: VV015564.D
Acq: 17 Apr 2020 18:46

Tgt Ion	Ratio	Lower	Upper
63	100		
65	33.8	21.3	39.6
83	14.1	9.4	17.6





#22

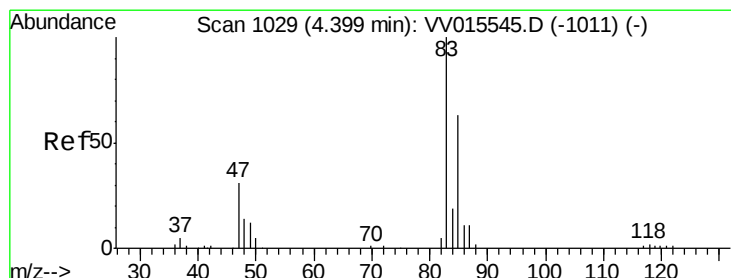
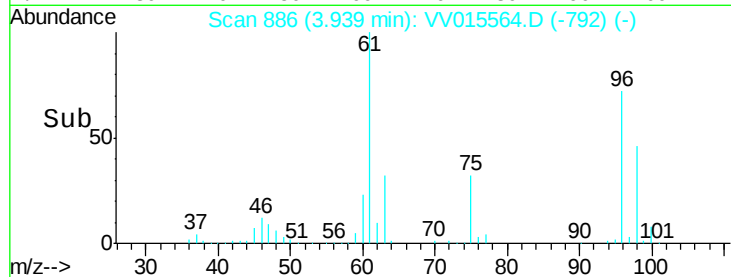
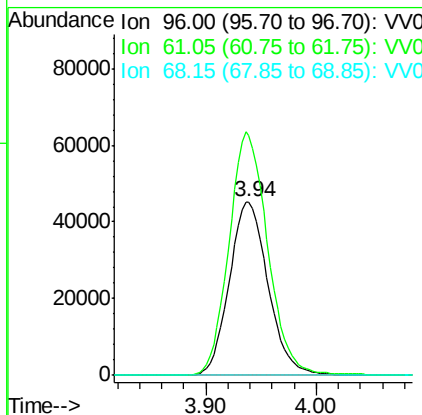
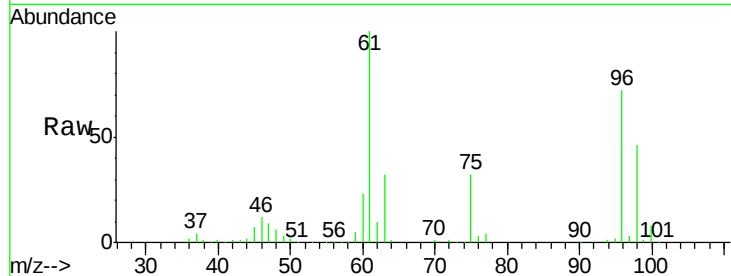
cis-1,2-Dichloroethene
 Concen: 15.642 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV015564.D
 Acq: 17 Apr 2020 18:46

Instrument :
 MSVOA_V
 ClientSampled :
 C0AB6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		109892		
61	138.3	100.0	185.8		
68	0.0	0.0	0.0		

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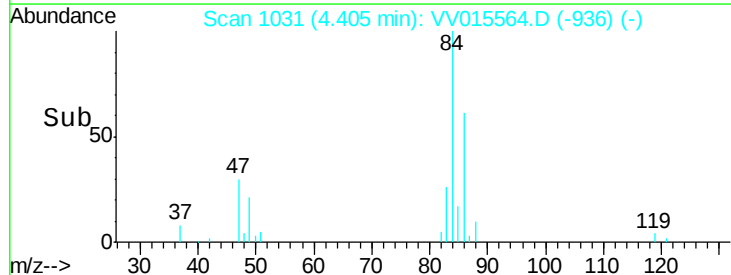
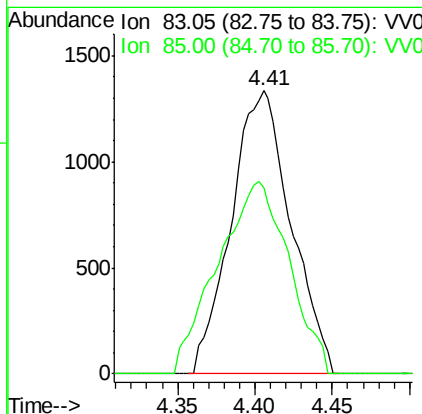
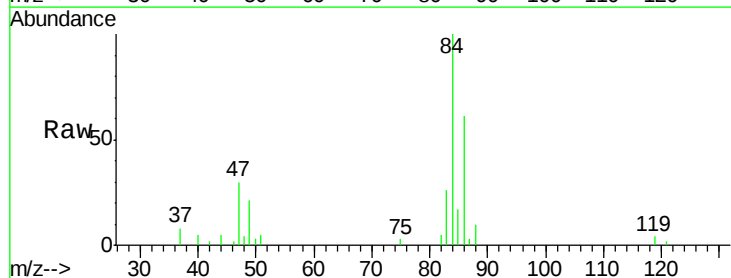
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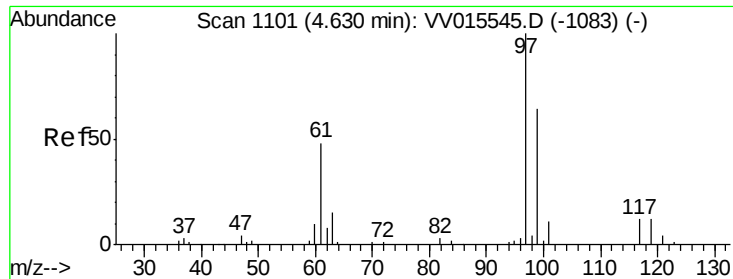


#25

Chloroform
 Concen: 0.275 ug/L
 RT: 4.41 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VV015564.D
 Acq: 17 Apr 2020 18:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		3588		
85	65.5	45.9	85.3		





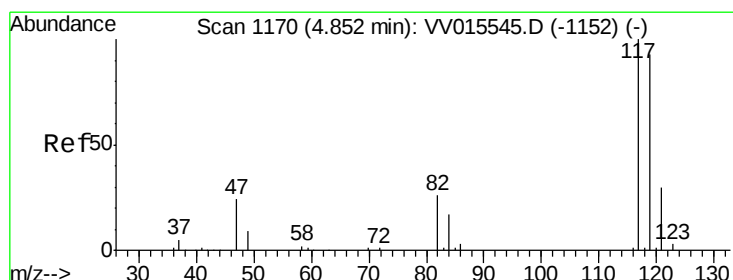
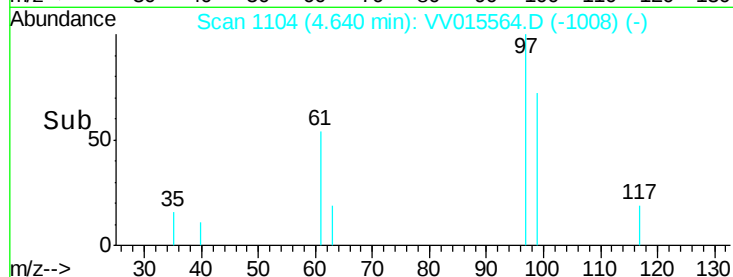
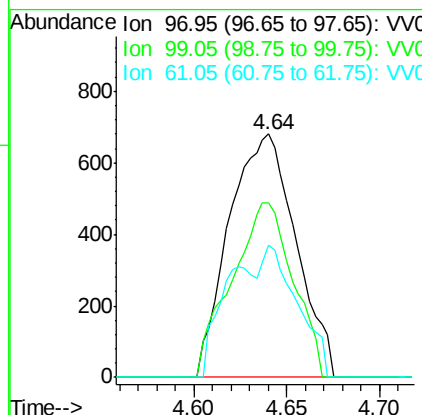
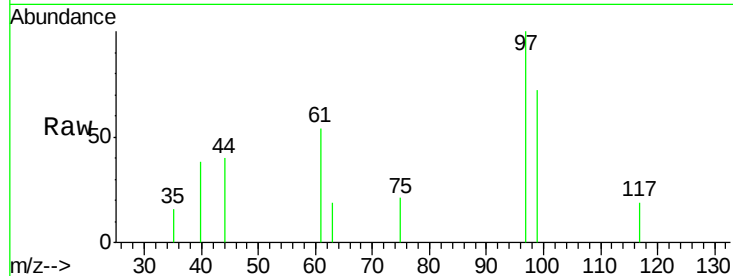
#29
 1,1,1-Trichloroethane
 Concen: 0.145 ug/L
 RT: 4.64 min Scan# 1104
 Delta R.T. 0.01 min
 Lab File: VV015564.D
 Acq: 17 Apr 2020 18:46

Instrument :
 MSVOA_V
 ClientSampled :
 C0AB6

Tot Ion: 97 Resp: 1699
 Ion Ratio Lower Upper
 97 100
 99 66.2 51.6 77.4
 61 29.5 39.0 58.6#

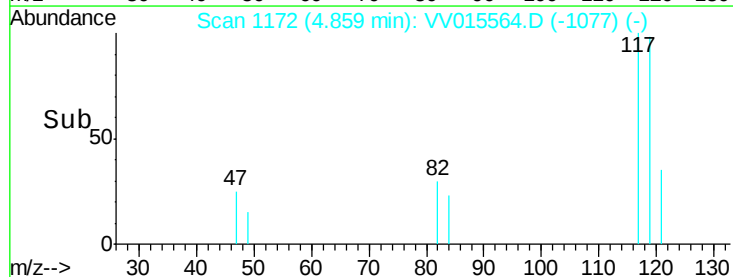
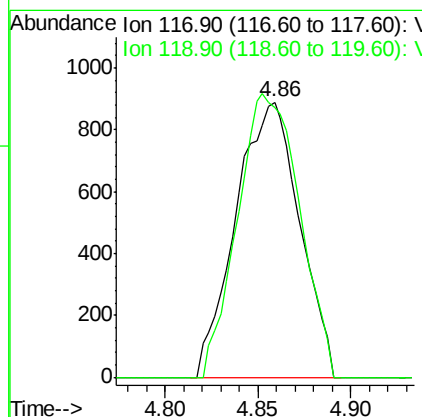
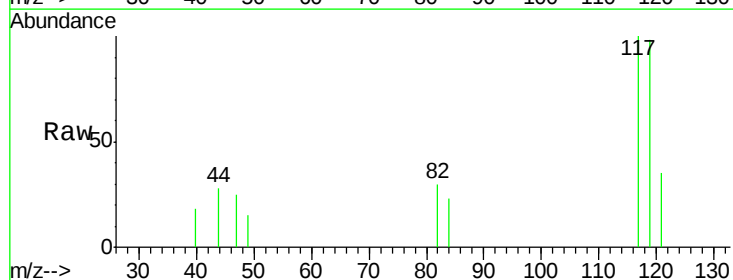
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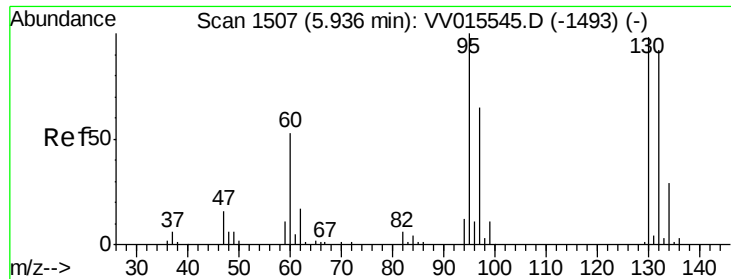
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#31
 Carbon tetrachloride
 Concen: 0.209 ug/L
 RT: 4.86 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: VV015564.D
 Acq: 17 Apr 2020 18:46

Tgt Ion: 117 Resp: 2133
 Ion Ratio Lower Upper
 117 100
 119 100.0 76.6 115.0





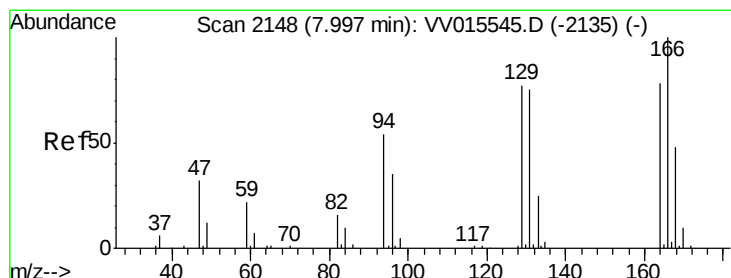
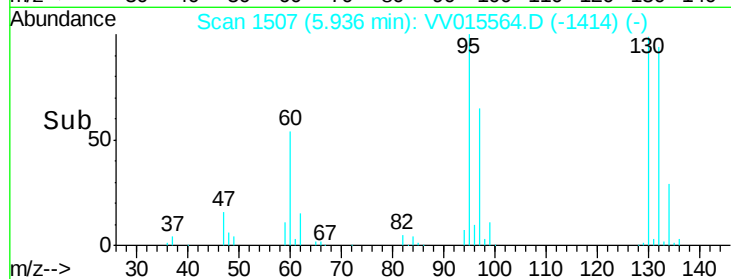
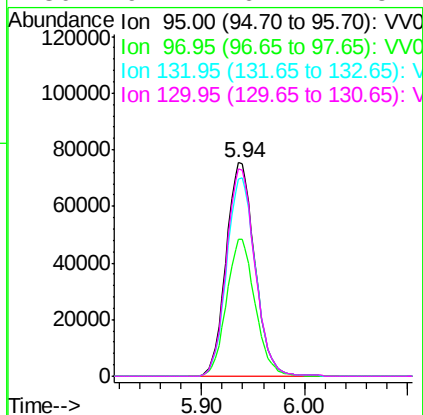
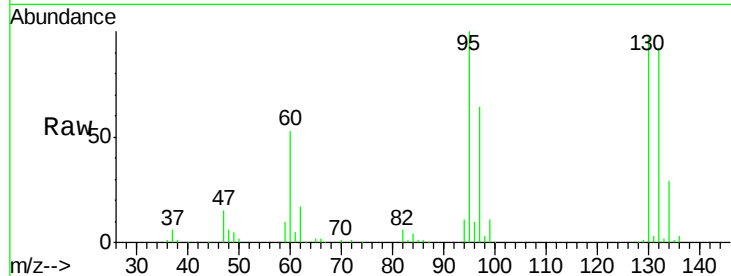
#34
 Trichloroethene
 Concen: 20.216 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: VV015564.D
 Acq: 17 Apr 2020 18:46

Instrument :
 MSVOA_V
 ClientSampled :
 C0AB6

Tot Ion	95	Resp	146966
Ion Ratio	Lower	Upper	
95	100		
97	63.9	45.4	84.4
132	92.3	64.8	120.4
130	97.1	67.4	125.2

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#47
 Tetrachloroethene
 Concen: 7.852 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV015564.D
 Acq: 17 Apr 2020 18:46

Tgt Ion	164	Resp	42290
Ion Ratio	Lower	Upper	
164	100		
129	101.9	70.6	131.0
131	95.5	68.3	126.8
166	129.2	88.3	163.9

