

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102519\
 Data File : VV013356.D
 Acq On : 25 Oct 2019 19:43
 Operator : SY/MD
 Sample : K5462-17DL 10X
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0G15DL

Quant Time: Oct 26 02:10:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 26 00:57:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	391307	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	431305	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	226634	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	177454	6.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	123.00%
7) Chloroethane-d5	1.58	69	143709	6.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.80%
11) 1,1-Dichloroethene-d2	2.13	63	209383	4.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.60%
20) 2-Butanone-d5	3.96	46	376258	67.91	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	135.82%#
24) Chloroform-d	4.40	84	352348	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.08	65	171192	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.80%
32) Benzene-d6	5.10	84	770218	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.40%
36) 1,2-Dichloropropane-d6	6.12	67	224087	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.36	98	655430	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
43) trans-1,3-Dichloropropene-	7.66	79	75335	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.14	63	241647	42.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.28%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	140476	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	255411	5.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.80%

Target Compounds

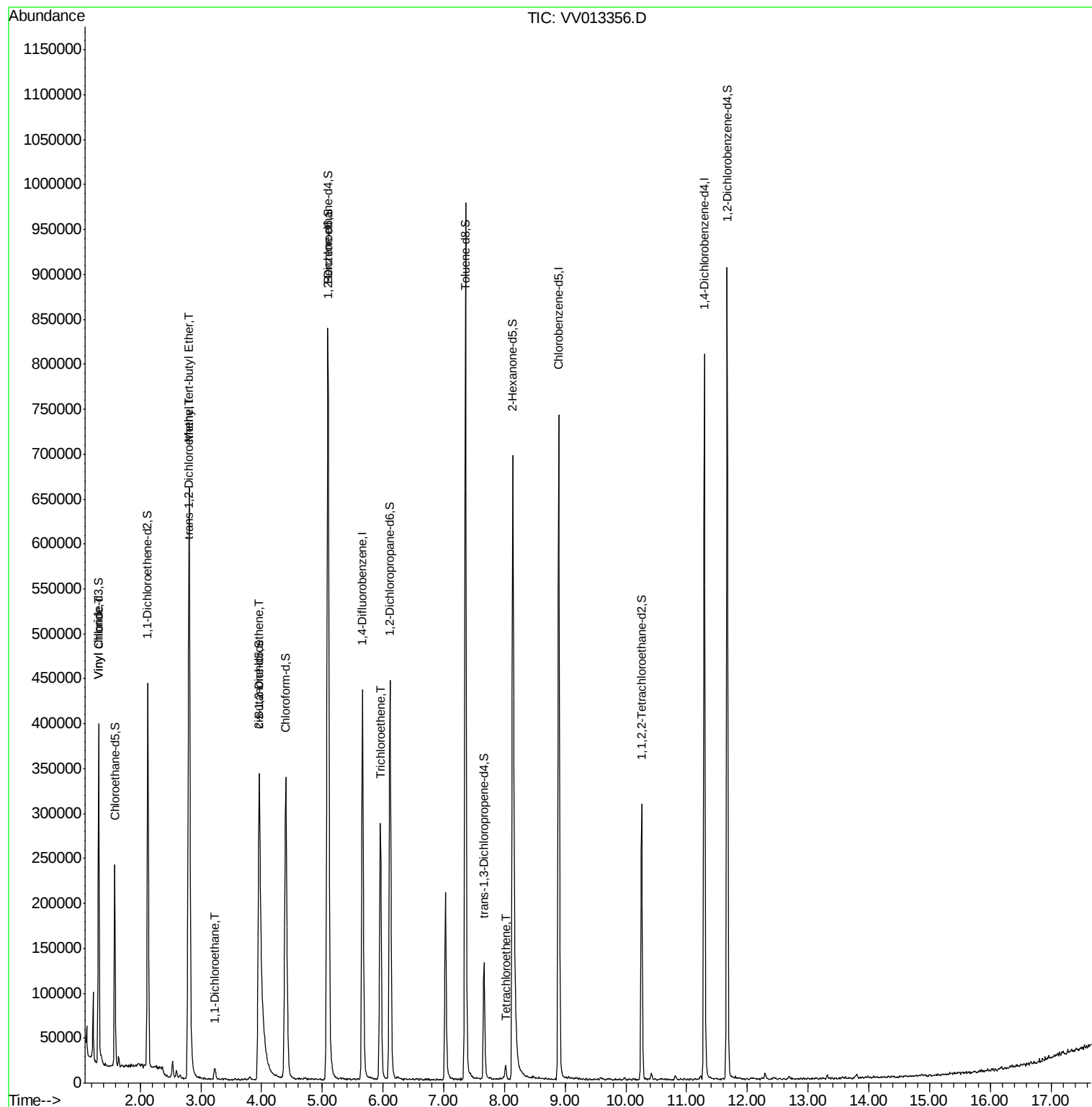
					Ovalue
5) Vinyl chloride	1.32	62	28056	0.743 ug/L	89
17) Methyl tert-butyl Ether	2.81	73	692777	9.723 ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	14989	0.413 ug/L	96
19) 1,1-Dichloroethane	3.23	63	11818	0.200 ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	130955	3.373 ug/L #	92
34) Trichloroethene	5.96	95	97293	2.202 ug/L	98
47) Tetrachloroethene	8.02	164	3773	0.094 ug/L	92

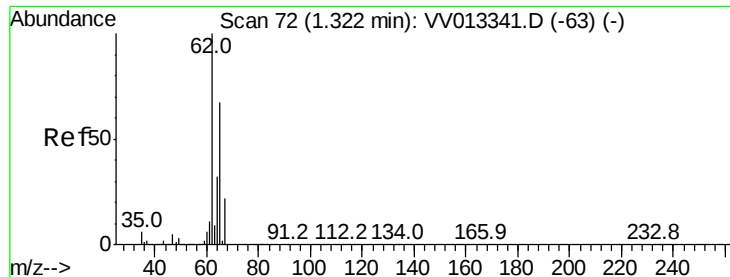
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 26 00:57:59 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.743 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV013356.D

Acq: 25 Oct 2019 19:43

Instrument :

MSVOA_V

ClientSampleId :

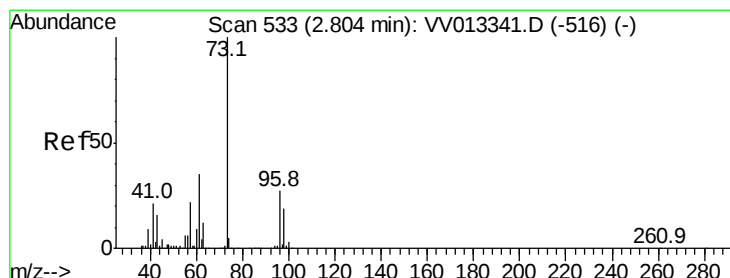
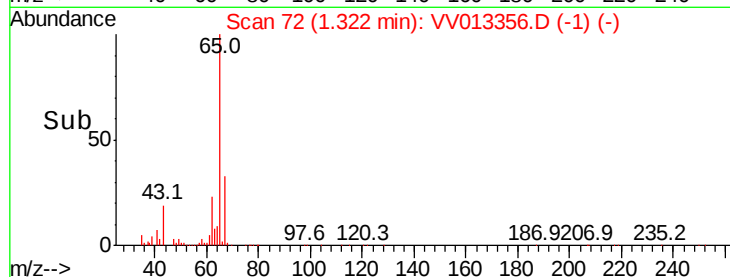
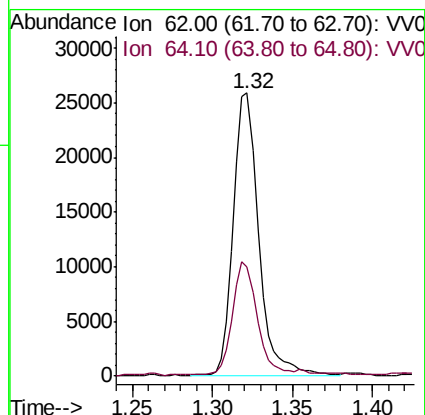
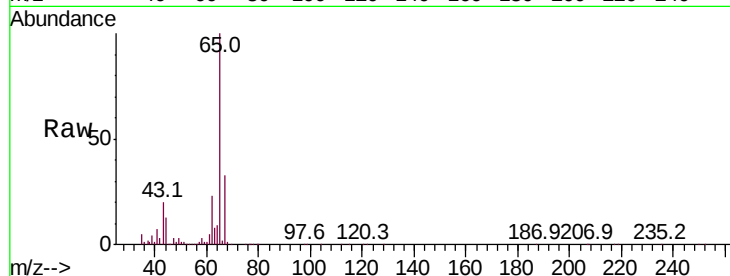
H0G15DL

Tot Ion: 62 Resp: 28056

Ion Ratio Lower Upper

62 100

64 38.8 22.9 42.5



#17

Methyl tert-butyl Ether

Concen: 9.723 ug/L

RT: 2.81 min Scan# 534

Delta R.T. 0.00 min

Lab File: VV013356.D

Acq: 25 Oct 2019 19:43

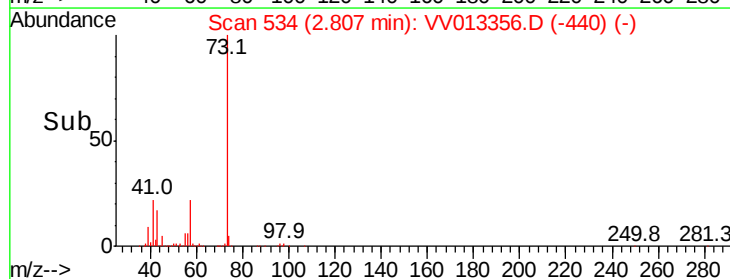
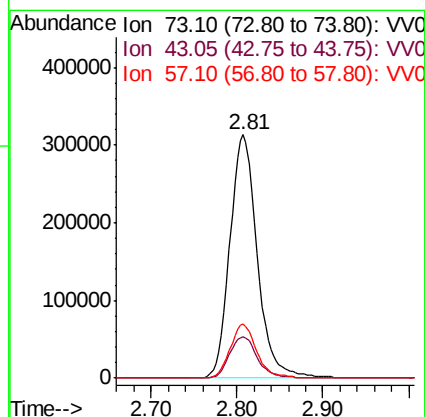
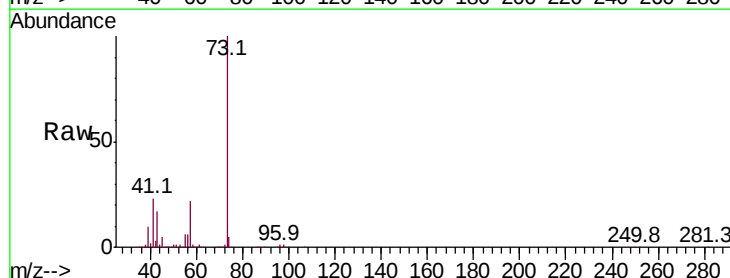
Tgt Ion: 73 Resp: 692777

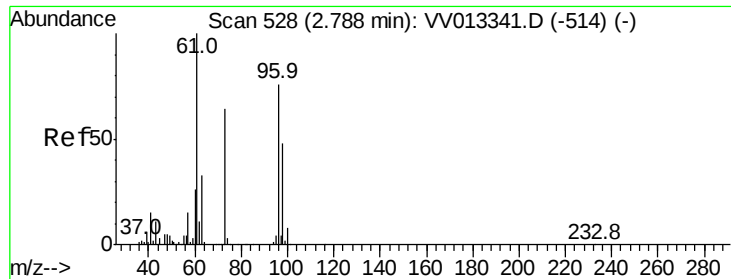
Ion Ratio Lower Upper

73 100

43 17.6 13.1 19.7

57 21.8 16.4 24.6

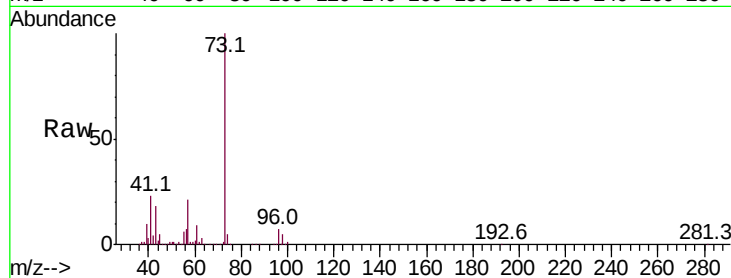




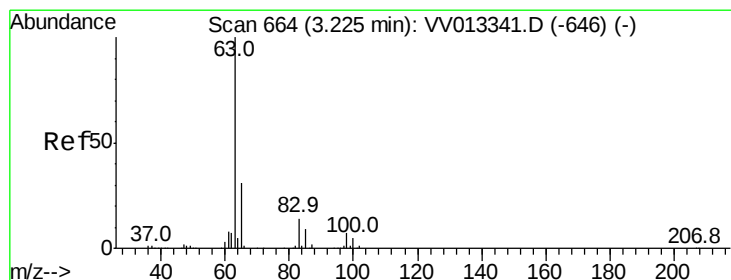
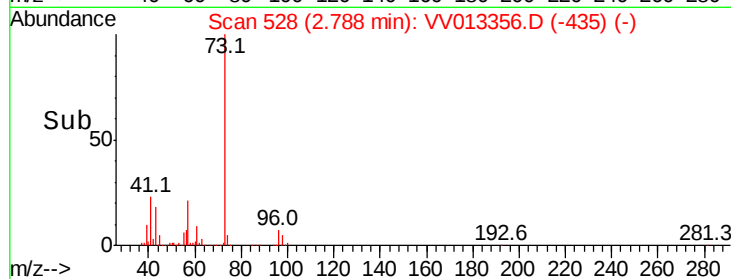
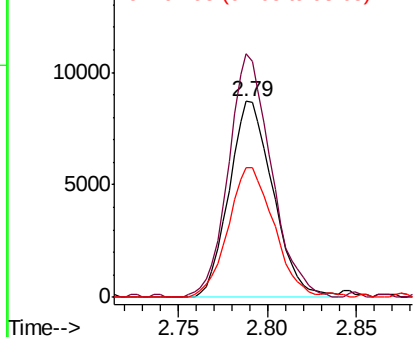
#18
trans-1,2-Dichloroethene
Concen: 0.413 ug/L
RT: 2.79 min Scan# 528
Delta R.T. -0.00 min
Lab File: VV013356.D
Acq: 25 Oct 2019 19:43

Instrument :
MSVOA_V
ClientSampleId :
H0G15DL

Tot Ion	96	Resp	14989
Ion	Ratio	Lower	Upper
96	100		
61	124.5	84.4	156.8
98	66.4	44.4	82.4

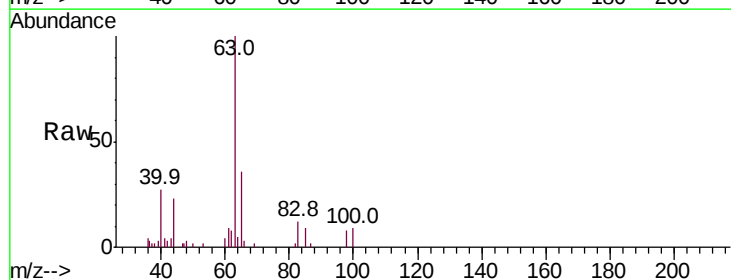


Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 97.95 (97.65 to 98.65): VV0

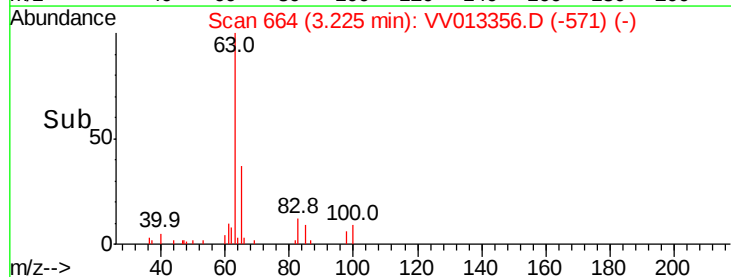
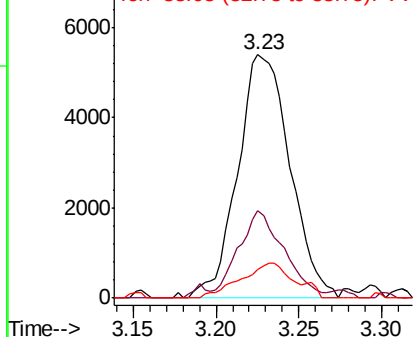


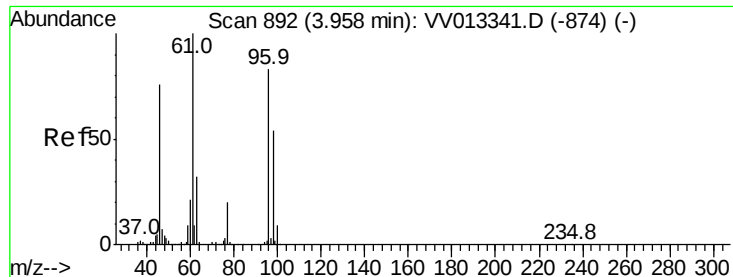
#19
1,1-Dichloroethane
Concen: 0.200 ug/L
RT: 3.23 min Scan# 664
Delta R.T. -0.00 min
Lab File: VV013356.D
Acq: 25 Oct 2019 19:43

Tgt Ion	63	Resp	11818
Ion	Ratio	Lower	Upper
63	100		
65	36.1	23.0	42.8
83	11.8	10.2	19.0



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



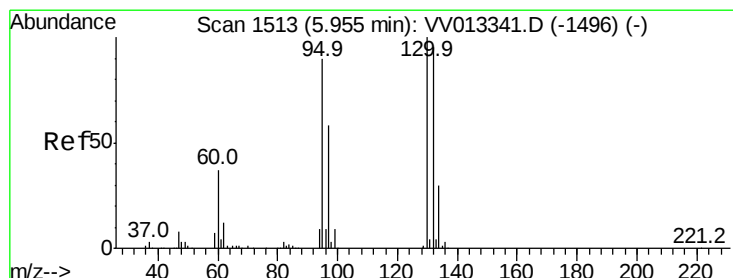
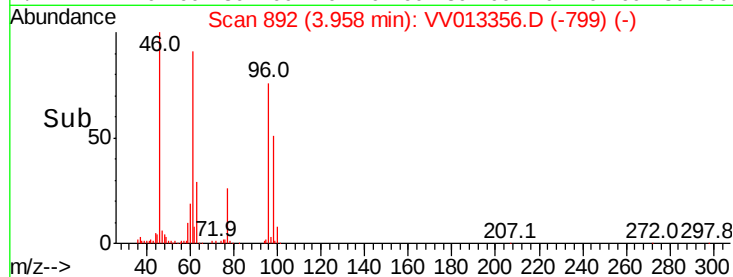
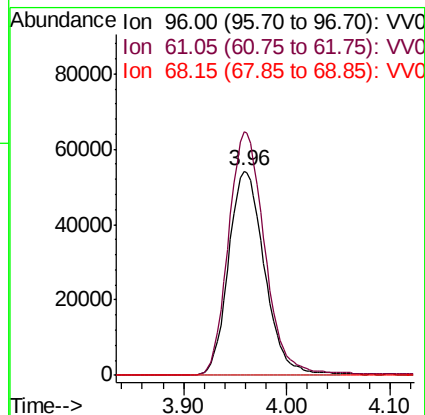
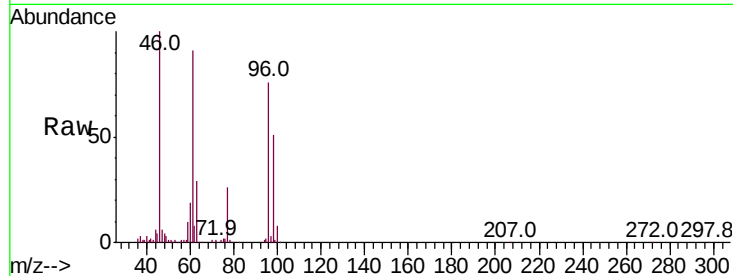


#22

cis-1,2-Dichloroethene
Concen: 3.373 ug/L
RT: 3.96 min Scan# 892
Delta R.T. -0.00 min
Lab File: VV013356.D
Acq: 25 Oct 2019 19:43

Instrument :
MSVOA_V
ClientSampleId :
H0G15DL

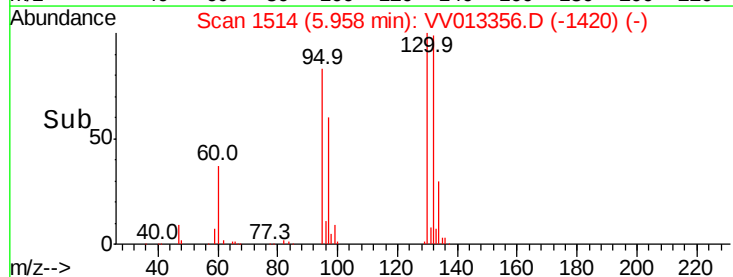
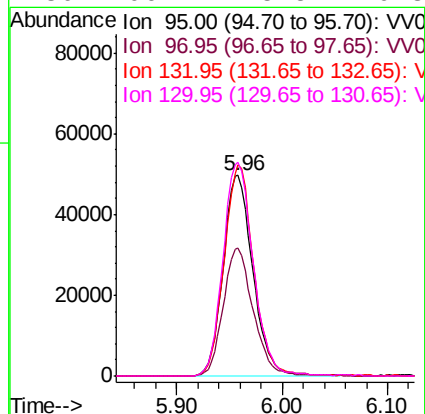
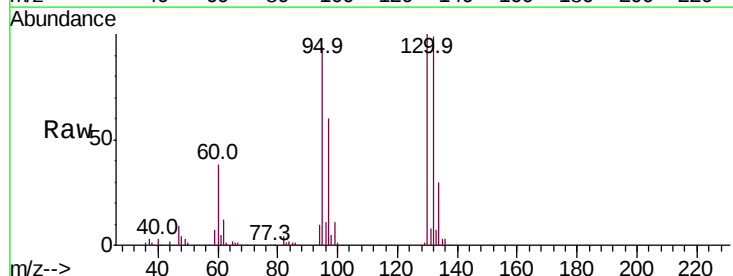
Tot Ion: 96 Resp: 130955
Ion Ratio Lower Upper
96 100
61 119.3 77.3 143.7
68 0.0 0.1 0.1#

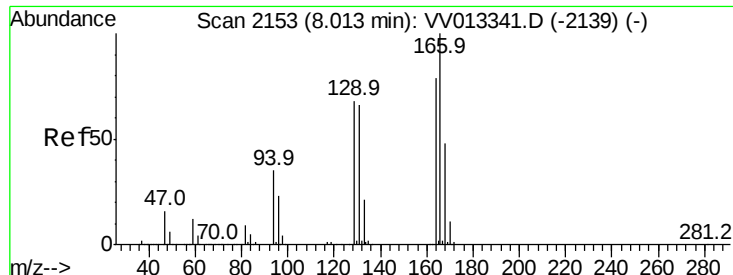


#34

Trichloroethene
Concen: 2.202 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV013356.D
Acq: 25 Oct 2019 19:43

Tgt Ion: 95 Resp: 97293
Ion Ratio Lower Upper
95 100
97 63.6 45.2 84.0
132 105.3 70.6 131.2
130 106.4 75.5 140.3





#47

Tetrachloroethene

Concen: 0.094 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.01 min

Lab File: VV013356.D

Acq: 25 Oct 2019 19:43

Instrument :

MSVOA_V

ClientSampleId :

H0G15DL

Tot Ion:164 Resp: 3773

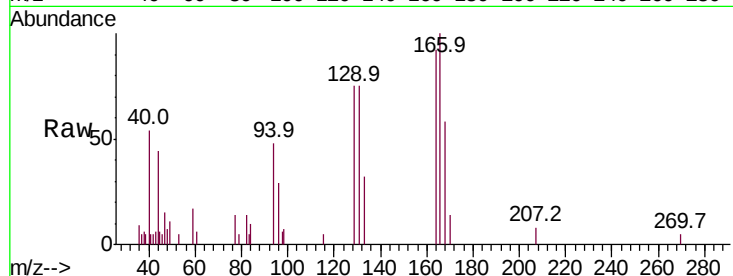
Ion Ratio Lower Upper

164 100

129 81.5 61.0 113.2

131 81.9 57.5 106.9

166 109.0 87.8 163.0



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

