

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042520\
 Data File : VV015706.D
 Acq On : 25 Apr 2020 20:11
 Operator : SY/MD
 Sample : L2413-13
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKM2

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 4/27/2020 11:48:42 AM

Quant Time: Apr 27 04:38:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Apr 27 01:12:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	128016	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	124313	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	58243	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103489	15.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	309.40%#
7) Chloroethane-d5	1.58	69	29146	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.13	63	78294	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.00%
20) 2-Butanone-d5	3.94	46	118888	55.35	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.70%
24) Chloroform-d	4.38	84	72564	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.06	65	41258	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.08	84	134558	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.09	67	44363	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.34	98	122967	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.65	79	12348	3.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.40%
46) 2-Hexanone-d5	8.11	63	76958	43.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.08%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	32958	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	48100	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	8450499	834.093	ug/L	88
12) 1,1-Dichloroethene	2.13	96	56310	7.558	ug/L	89
14) Carbon disulfide	2.31	76	3391	0.161	ug/L #	87
17) Methyl tert-butyl Ether	2.79	73	6249	0.299	ug/L #	79
18) trans-1,2-Dichloroethene	2.78	96	224223	26.877	ug/L	97
22) cis-1,2-Dichloroethene	3.94	96	27263060m	2955.646	ug/L	
30) Cyclohexane	4.71	56	2021	0.134	ug/L	98
34) Trichloroethene	5.94	95	17286	1.762	ug/L	97
35) Methylcyclohexane	6.15	83	1315	0.087	ug/L	96
42) Toluene	7.41	91	5897	0.155	ug/L	100
47) Tetrachloroethene	8.00	164	9191	1.301	ug/L	98

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

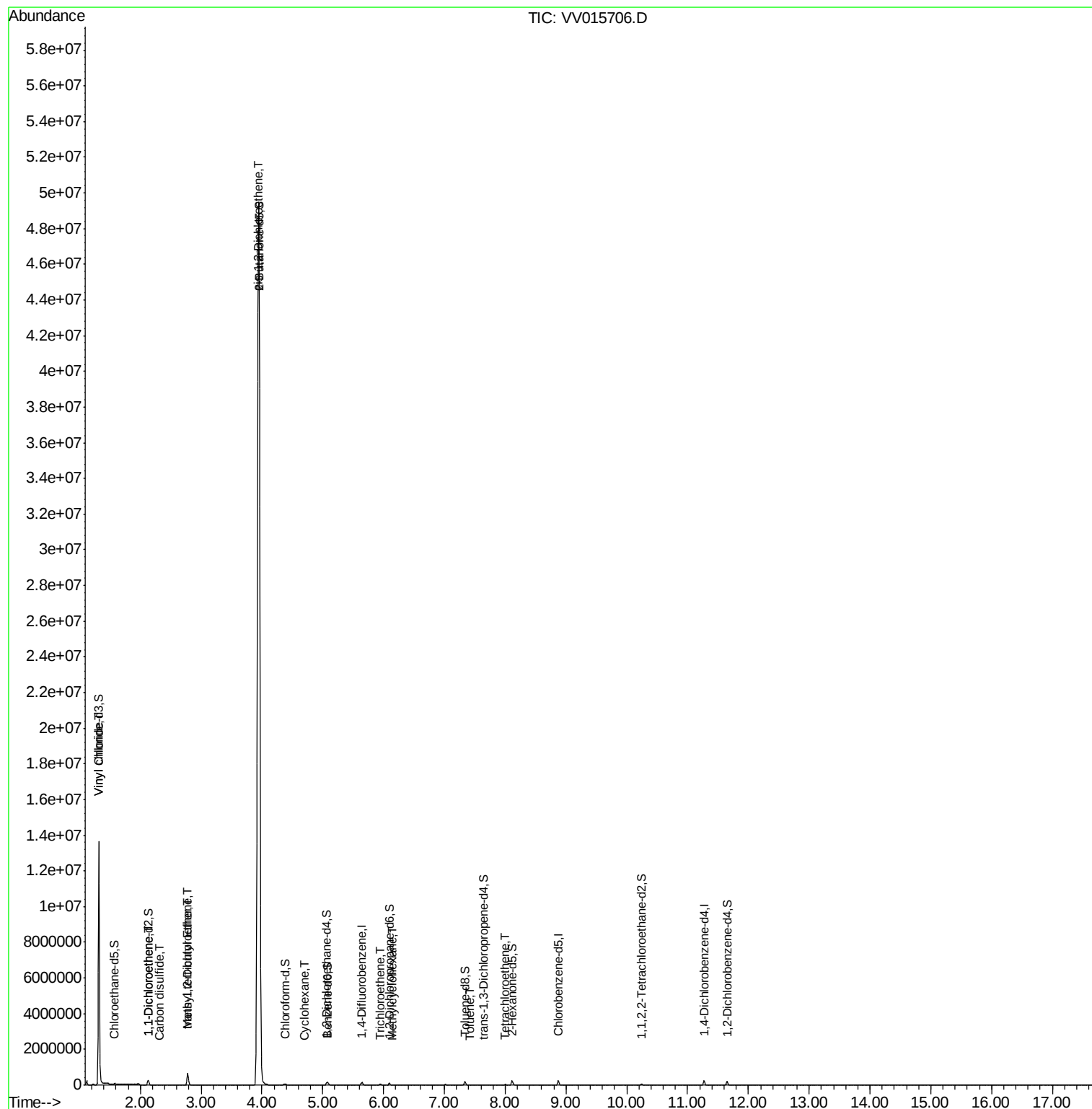
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV042520\
Data File : VV015706.D
Acq On : 25 Apr 2020 20:11
Operator : SY/MD
Sample : L2413-13
Misc : 25.0mL/MSVOA V/WATER
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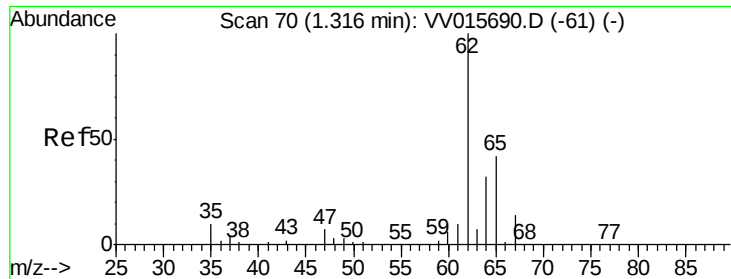
Instrument :
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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Apr 27 01:12:28 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 834.093 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV015706.D

Acq: 25 Apr 2020 20:11

Instrument :

MSVOA_V

ClientSampleId :

ETKM2

Tot Ion: 62 Resp: 8450499

Ion Ratio Lower Upper

62 100

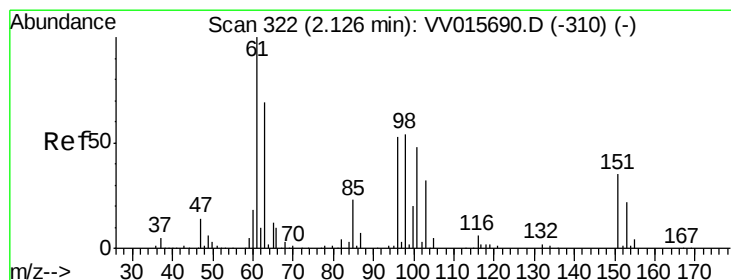
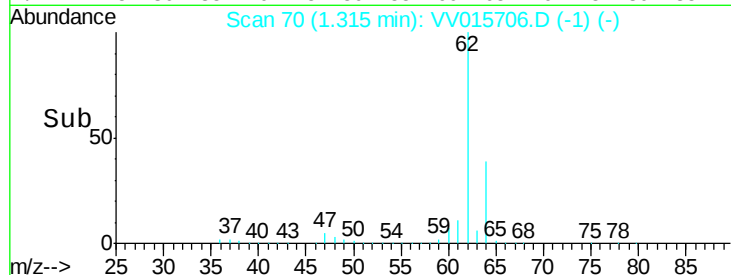
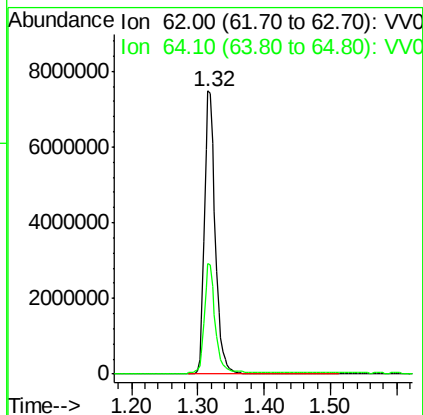
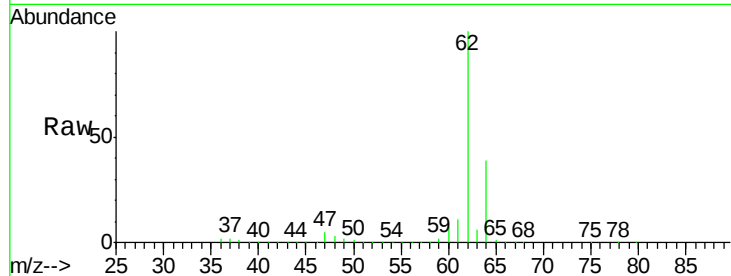
64 39.3 22.7 42.1

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#12

1,1-Dichloroethene

Concen: 7.558 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.01 min

Lab File: VV015706.D

Acq: 25 Apr 2020 20:11

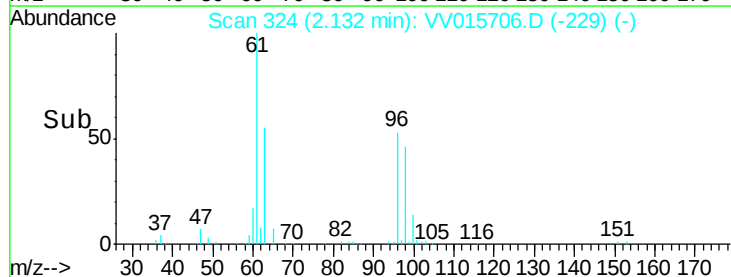
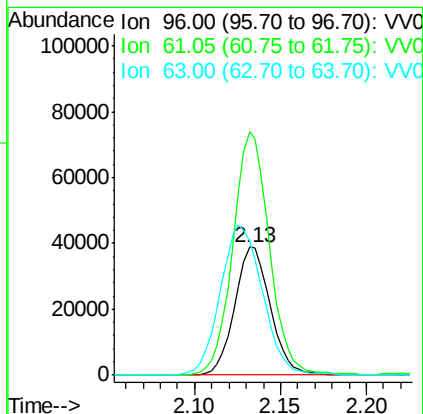
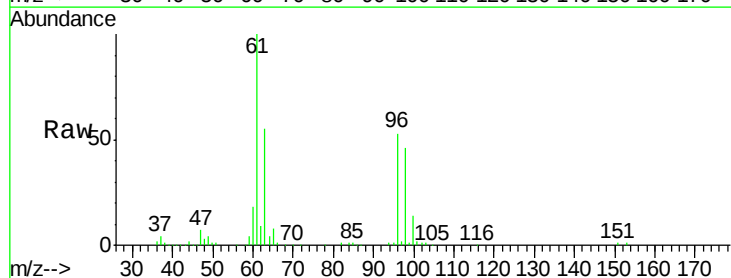
Tgt Ion: 96 Resp: 56310

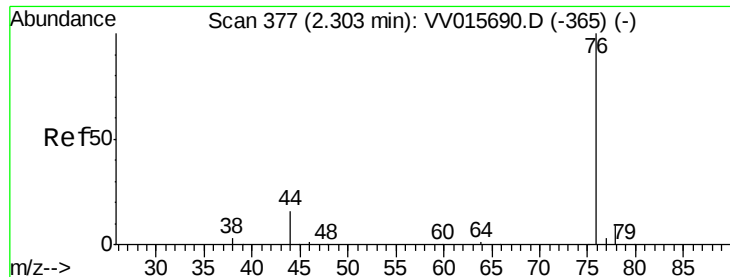
Ion Ratio Lower Upper

96 100

61 189.9 130.1 241.7

63 103.9 91.4 169.8





#14

Carbon disulfide

Concen: 0.161 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.01 min

Lab File: VV015706.D

Acq: 25 Apr 2020 20:11

Instrument :

MSVOA_V

ClientSampleId :

ETKM2

Tot Ion: 76 Resp: 3391

Ion Ratio Lower Upper

76 100

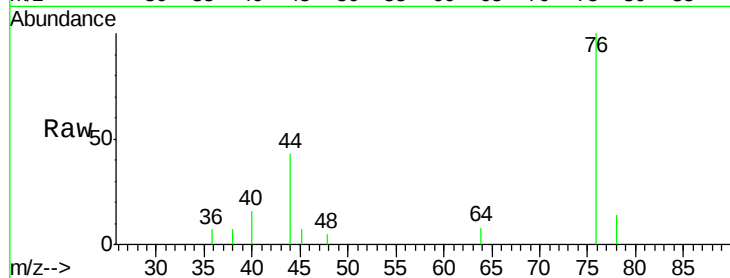
78 14.0 7.4 11.0#

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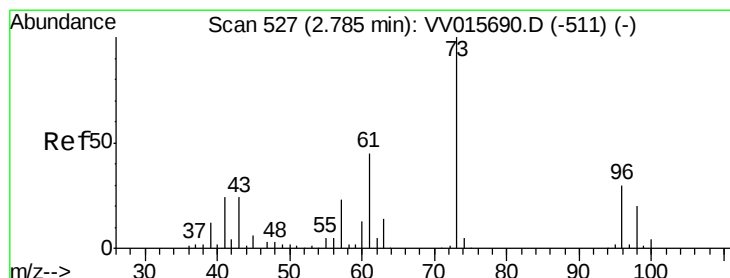
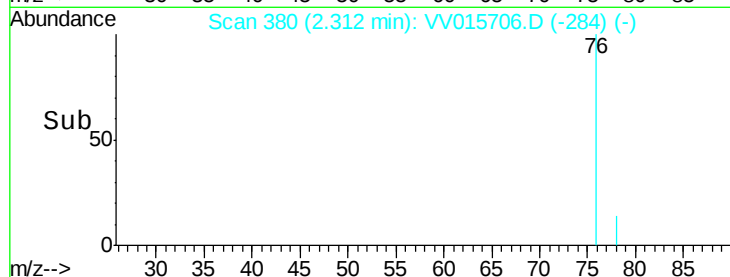
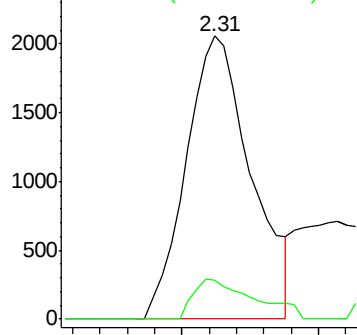
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Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#17

Methyl tert-butyl Ether

Concen: 0.299 ug/L

RT: 2.79 min Scan# 528

Delta R.T. 0.00 min

Lab File: VV015706.D

Acq: 25 Apr 2020 20:11

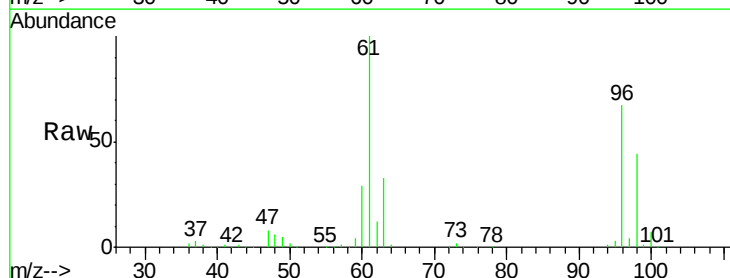
Tgt Ion: 73 Resp: 6249

Ion Ratio Lower Upper

73 100

43 33.8 20.1 30.1#

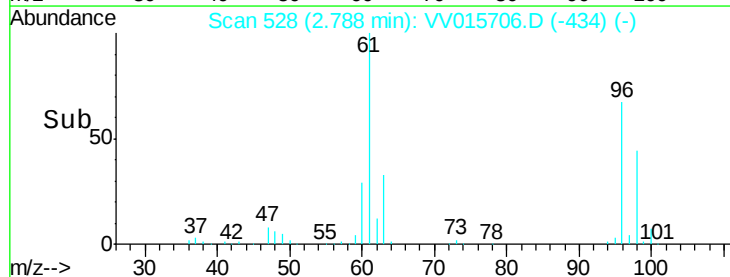
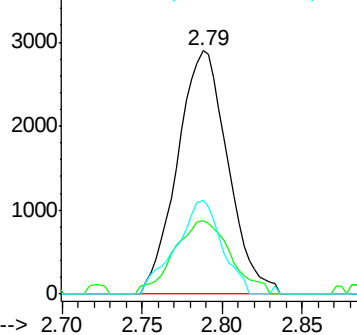
57 34.7 17.8 26.8#

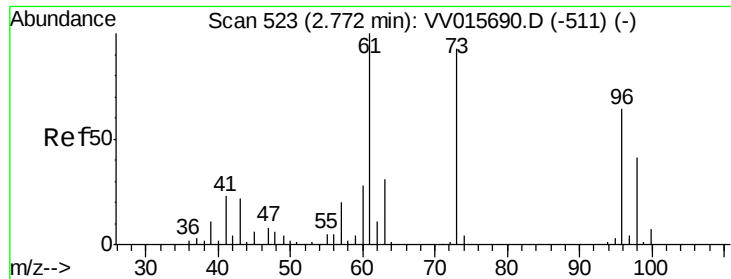


Abundance Ion 73.10 (72.80 to 73.80): VV0

Ion 43.05 (42.75 to 43.75): VV0

Ion 57.10 (56.80 to 57.80): VV0





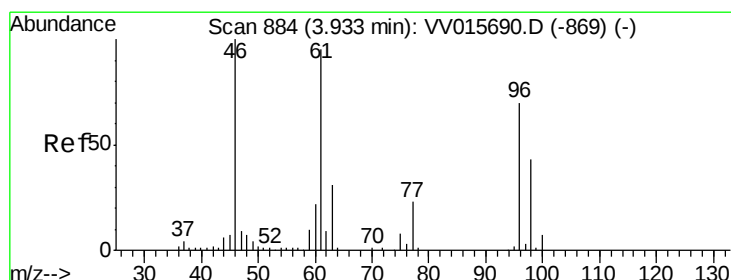
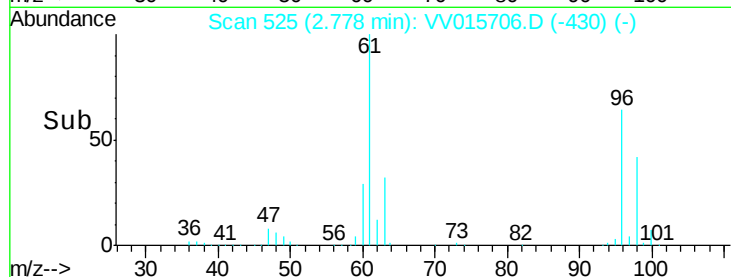
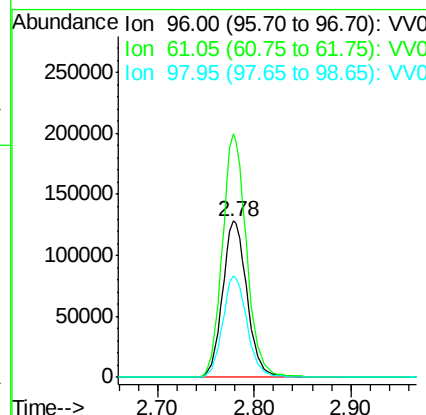
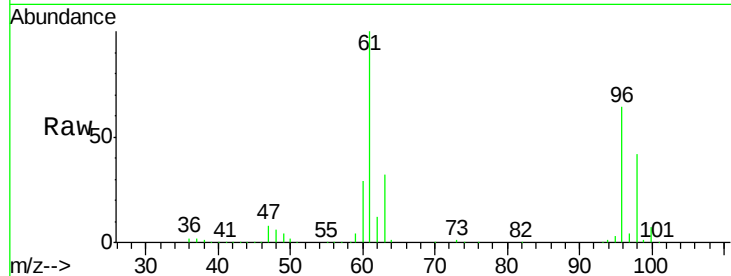
#18
trans-1,2-Dichloroethene
Concen: 26.877 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.01 min
Lab File: VV015706.D
Acq: 25 Apr 2020 20:11

Instrument :
MSVOA_V
ClientSampled :
ETKM2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		224223		
61	155.6	105.5	195.9		
98	64.6	44.2	82.0		

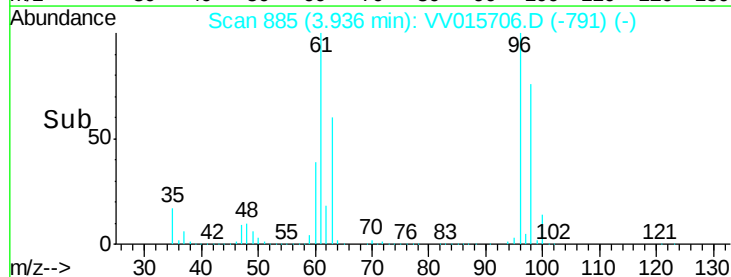
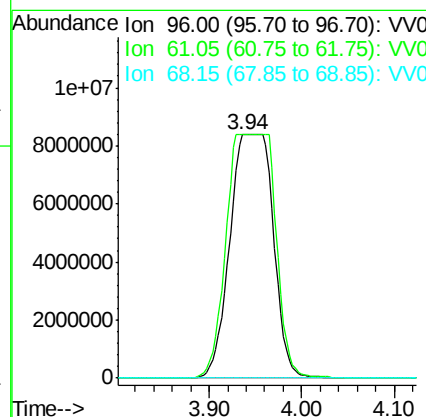
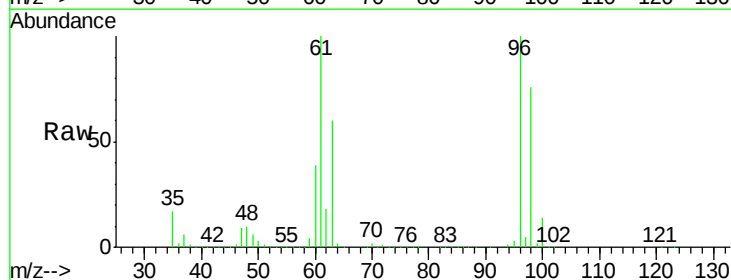
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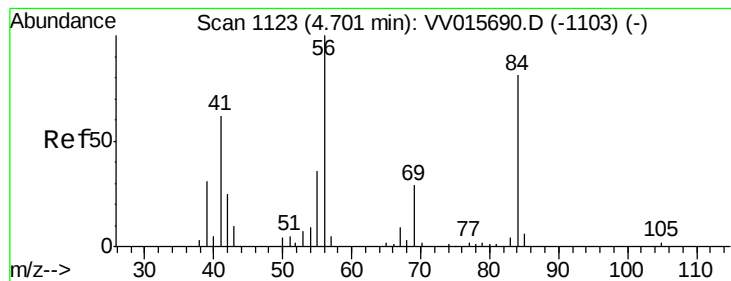
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#22
cis-1,2-Dichloroethene
Concen: 2955.646 ug/L m
RT: 3.94 min Scan# 885
Delta R.T. 0.00 min
Lab File: VV015706.D
Acq: 25 Apr 2020 20:11

Tgt Ion	Ion	Ratio	Lower	Upper
96	100			
61	100.0	96.4	179.0	
68	0.0	0.0	0.0	





#30

Cvclohexane

Concen: 0.134 ug/L

RT: 4.71 min Scan# 1125

Delta R.T. 0.01 min

Lab File: VV015706.D

Acq: 25 Apr 2020 20:11

Instrument :

MSVOA_V

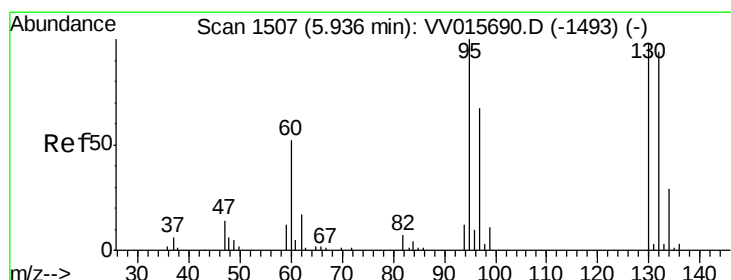
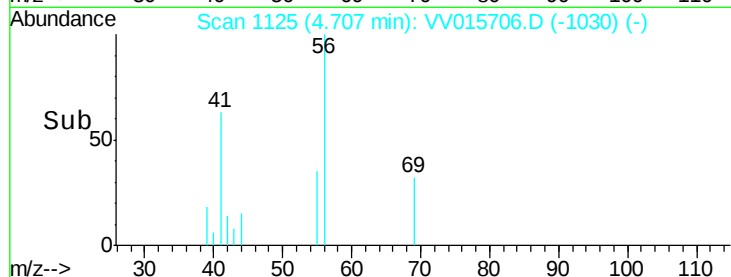
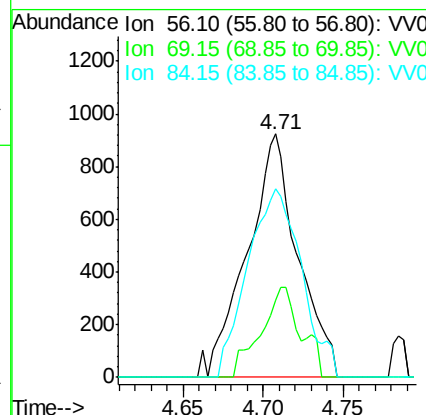
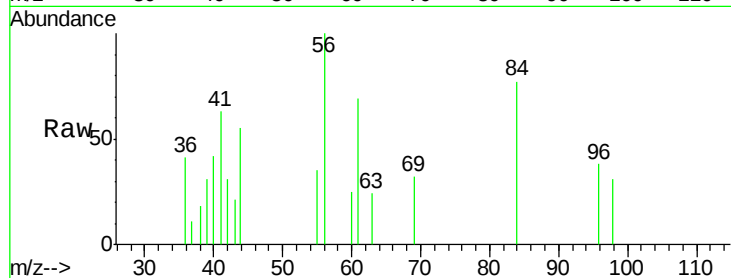
ClientSampled :

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Tot Ion:	56	Resp:	2021
Ion	Ratio	Lower	Upper
56	100		
69	29.1	23.9	35.9
84	81.8	66.9	100.3

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#34

Trichloroethene

Concen: 1.762 ug/L

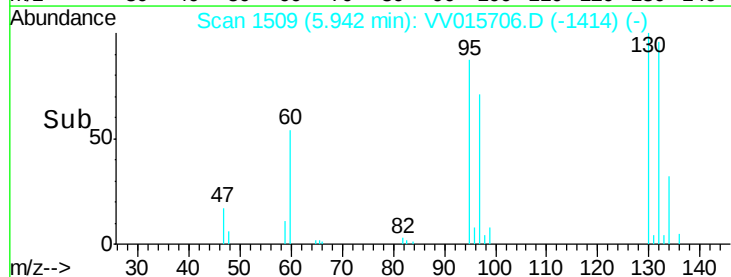
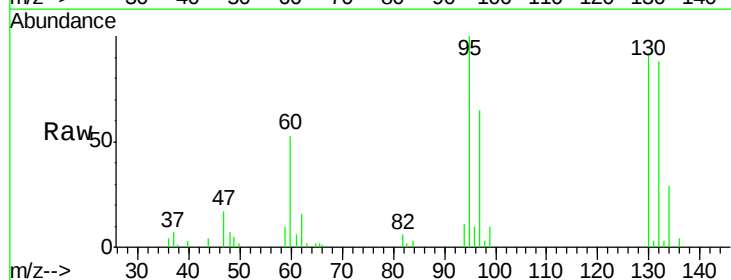
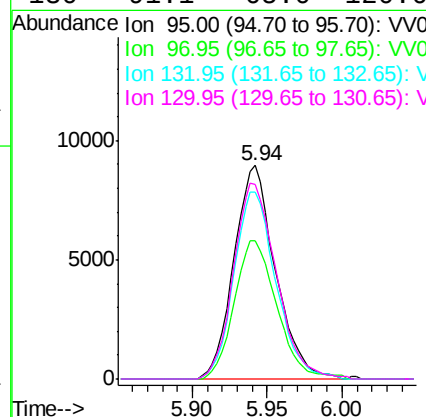
RT: 5.94 min Scan# 1509

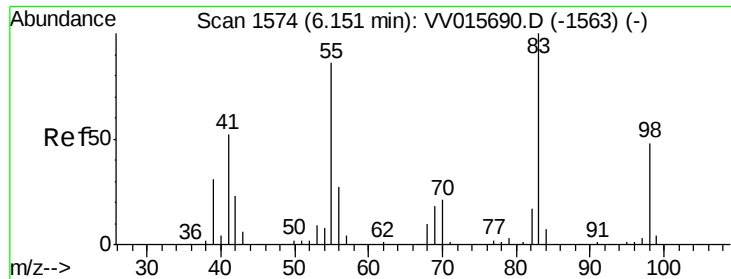
Delta R.T. 0.01 min

Lab File: VV015706.D

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Tgt Ion:	95	Resp:	17286
Ion	Ratio	Lower	Upper
95	100		
97	64.7	44.7	82.9
132	87.6	65.2	121.0
130	91.1	65.0	120.6





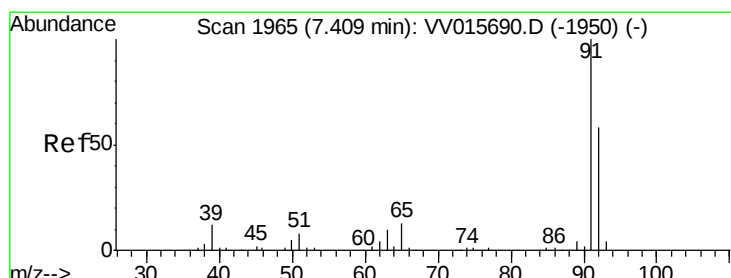
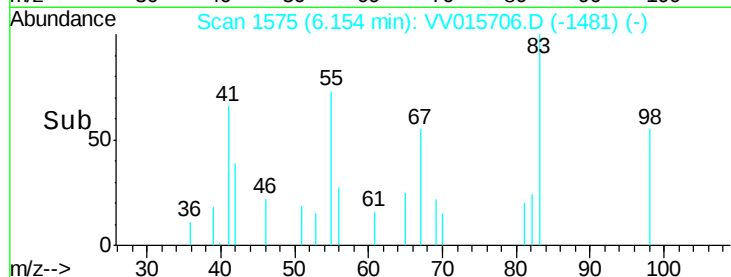
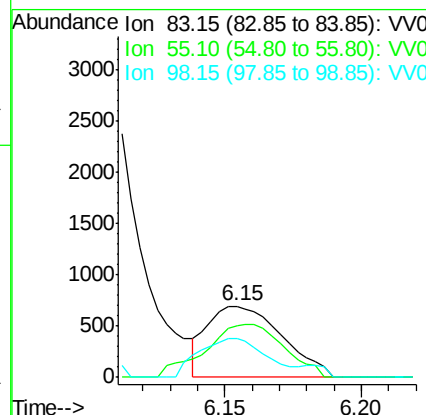
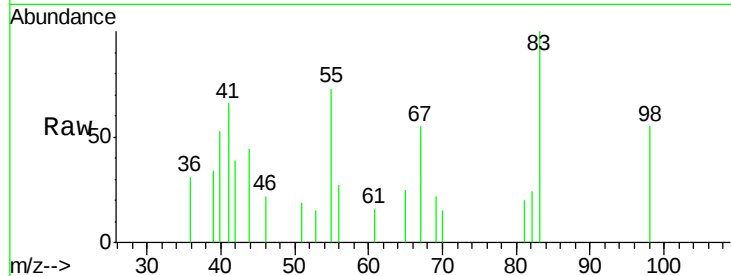
#35
Methvlcvclohexane
Concen: 0.087 ug/L
RT: 6.15 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VV015706.D
Acq: 25 Apr 2020 20:11

Instrument :
MSVOA_V
ClientSampled :
ETKM2

Tot Ion	83	Resp	1315
Ion Ratio	100	Lower	Upper
83	100		
55	78.6	66.6	99.8
98	50.4	39.5	59.3

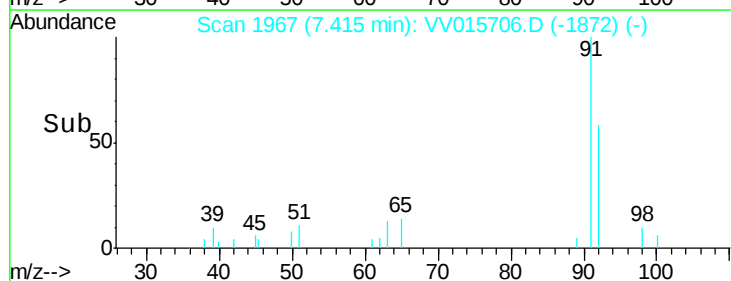
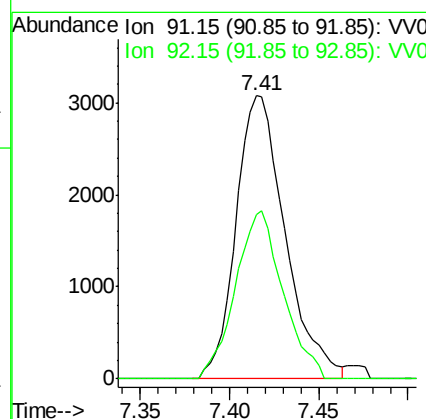
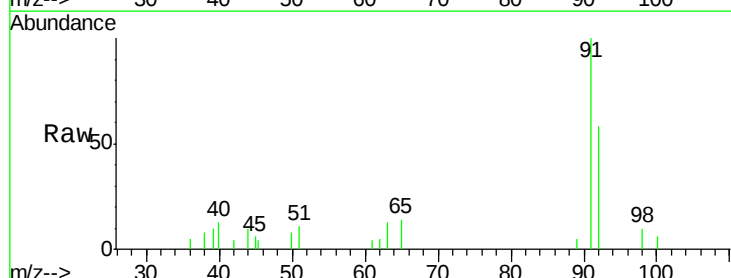
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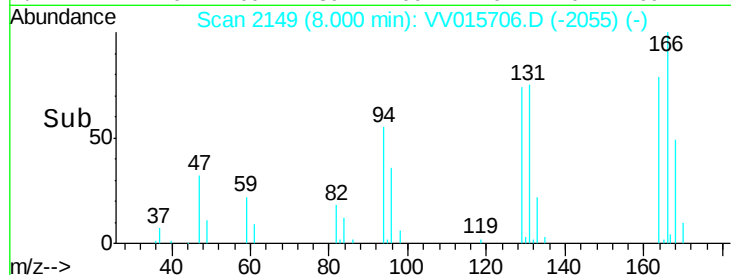
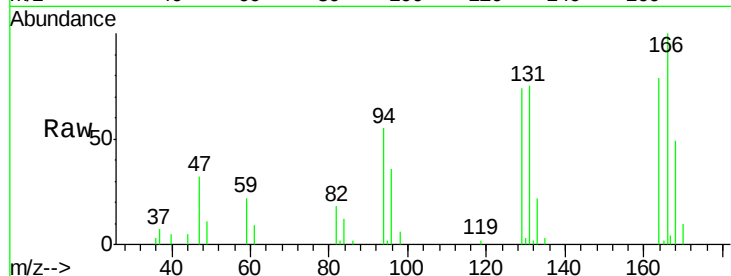
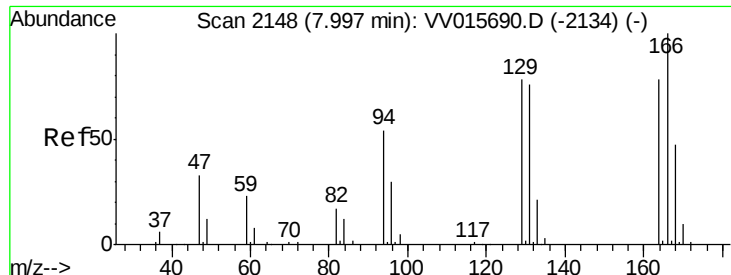
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#42
Toluene
Concen: 0.155 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. 0.01 min
Lab File: VV015706.D
Acq: 25 Apr 2020 20:11

Tgt Ion	91	Resp	5897
Ion Ratio	100	Lower	Upper
91	100		
92	58.2	40.7	75.7





#47

Tetrachloroethene

Concen: 1.301 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV015706.D

Acq: 25 Apr 2020 20:11

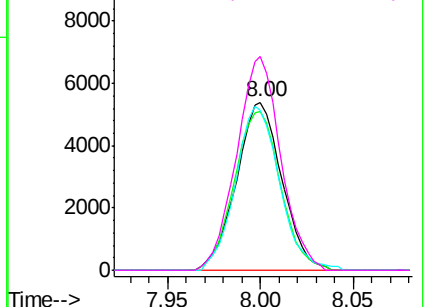
Tot Ion:	164	Resp:	9191
Ion Ratio	Lower	Upper	
164	100		
129	94.6	66.7	123.9
131	94.9	66.6	123.6
166	127.0	85.3	158.5

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



Instrument :
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