

Data File : VV009839.D
Acq On : 22 Mar 2019 20:16
Operator : SY/MD
Sample : K2052-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
P022-TW001-01

Quant Time: Mar 23 03:59:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 23 03:53:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	87608	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	89068	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	36323	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48831	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.59	69	50207	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.00%
11) 1,1-Dichloroethene-d2	2.13	63	94967	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	3.96	46	64220	52.41	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.82%
24) Chloroform-d	4.41	84	55216	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.08	65	27824	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
32) Benzene-d6	5.10	84	112356	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.12	67	35878	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.36	98	95324	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	7.67	79	9503	3.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.80%
46) 2-Hexanone-d5	8.14	63	51522	47.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.12%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	24435	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	35610	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

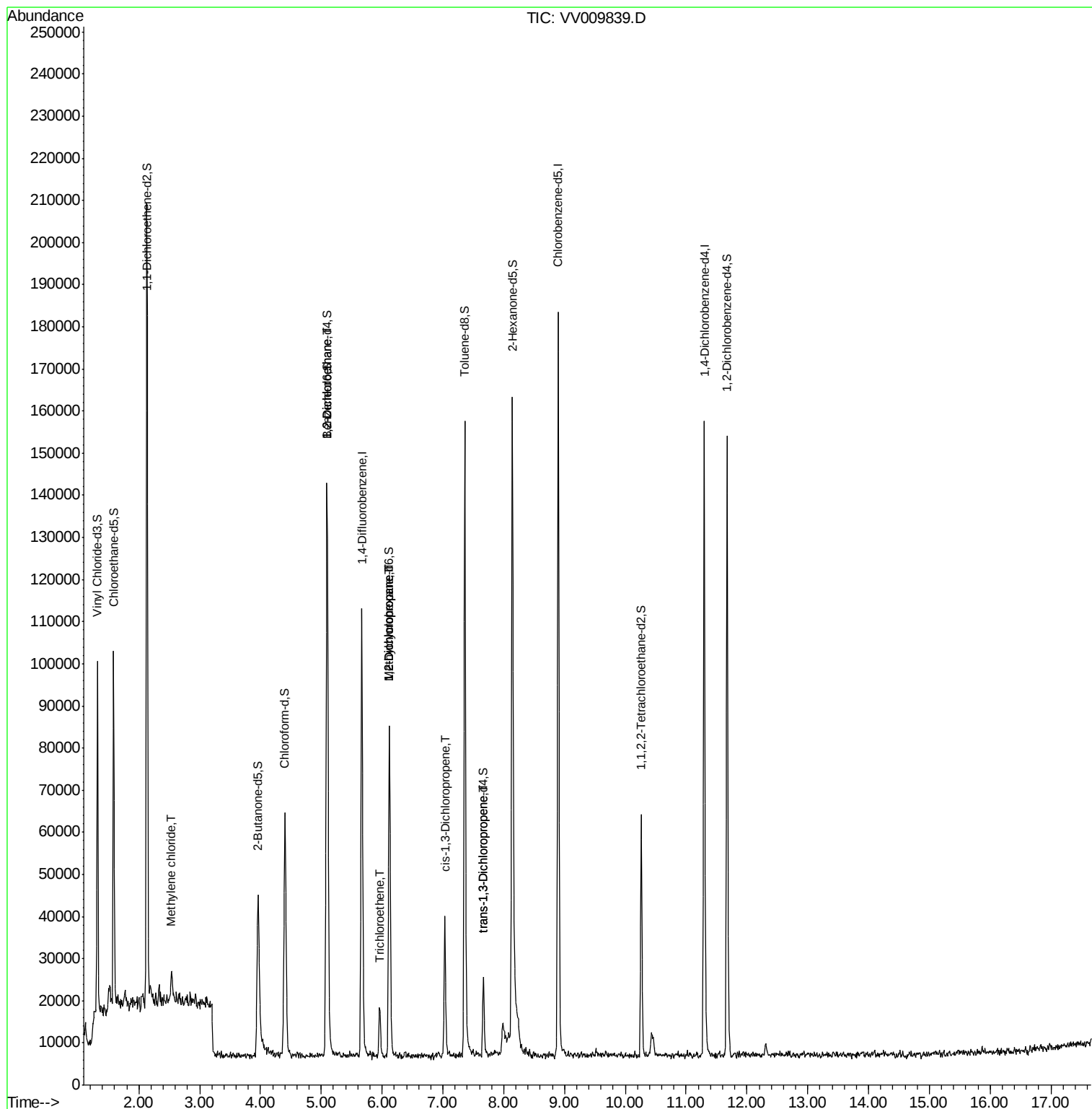
						Qvalue
16) Methylene chloride	2.53	84	2830	0.214	ug/L	92
27) 1,2-Dichloroethane	5.09	62	1004	0.155	ug/L #	75
34) Trichloroethene	5.96	95	3389	0.536	ug/L #	84
35) Methylcyclohexane	6.12	83	7990	0.738	ug/L #	21
37) 1,2-Dichloropropane	6.12	63	4089	0.654	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1028	0.122	ug/L #	51
44) trans-1,3-Dichloropropene	7.67	75	582	0.086	ug/L	92

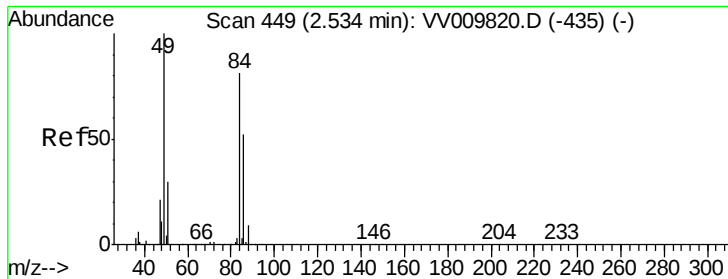
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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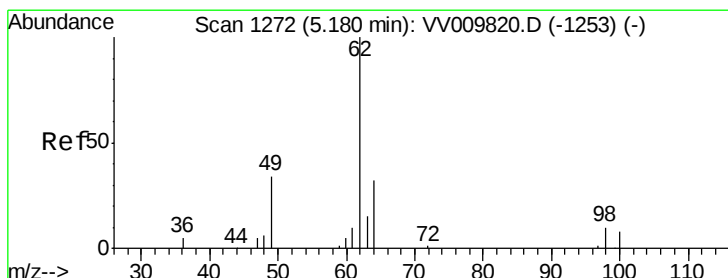
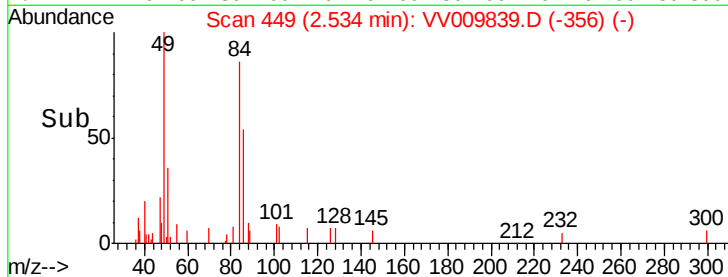
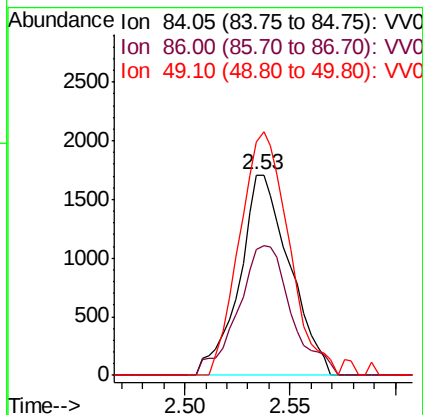
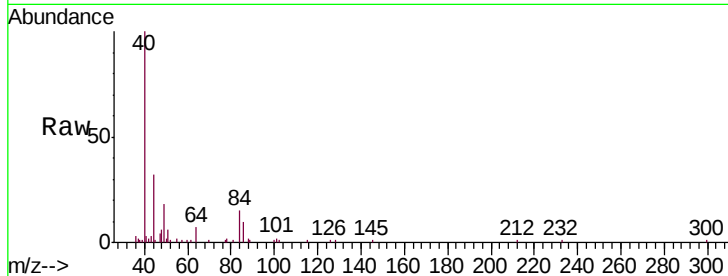




#16
Methylene chloride
Concen: 0.214 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV009839.D
Acq: 22 Mar 2019 20:16

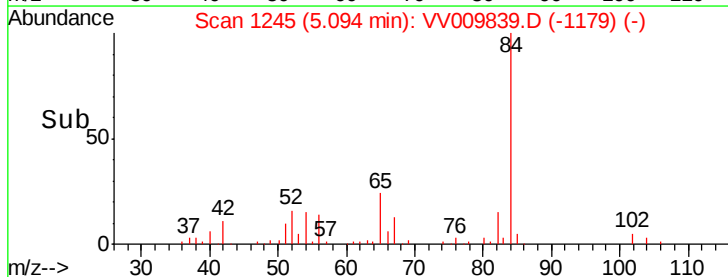
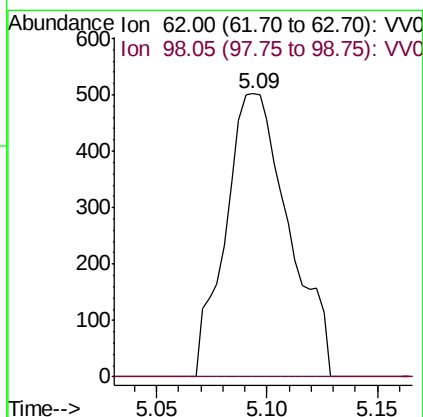
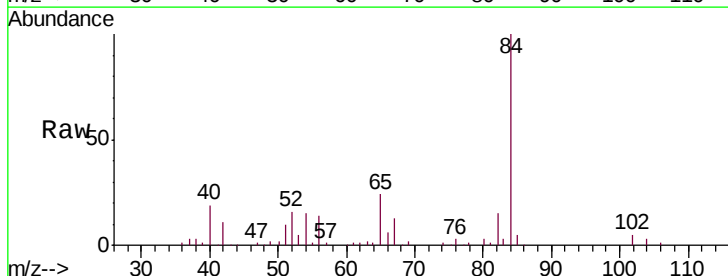
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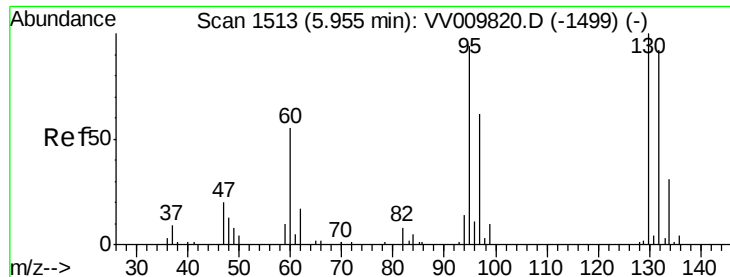
Tgt Ion: 84 Resp: 2830
Ion Ratio Lower Upper
84 100
86 62.8 46.1 85.5
49 116.3 89.7 166.5



#27
1,2-Dichloroethane
Concen: 0.155 ug/L
RT: 5.09 min Scan# 1245
Delta R.T. -0.09 min
Lab File: VV009839.D
Acq: 22 Mar 2019 20:16

Tgt Ion: 62 Resp: 1004
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.0#

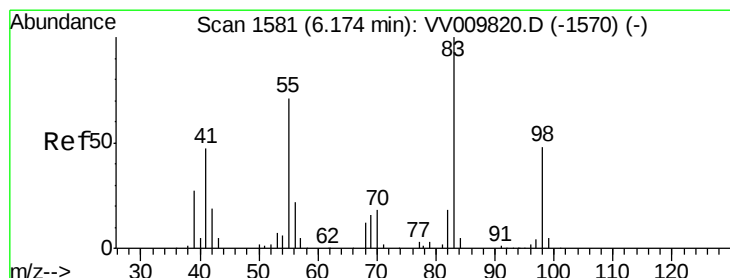
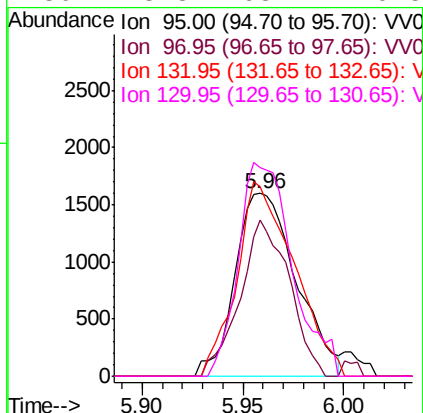
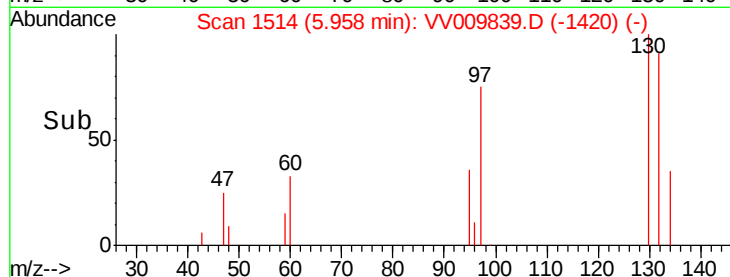
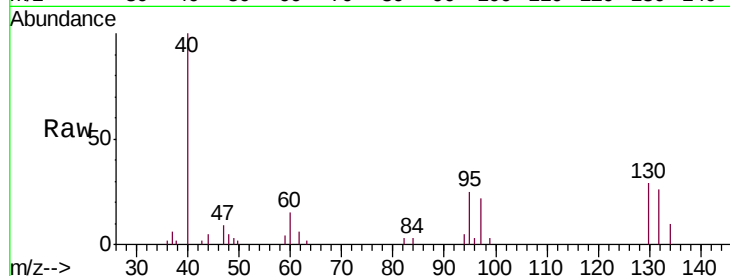




#34
 Trichloroethene
 Concen: 0.536 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV009839.D
 Acq: 22 Mar 2019 20:16

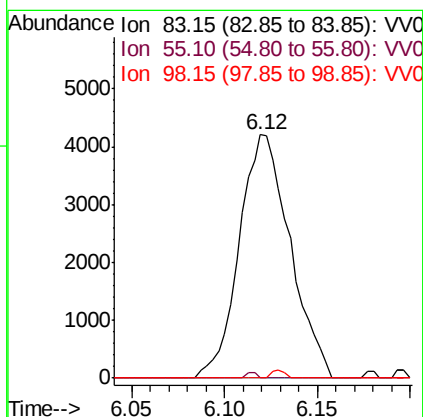
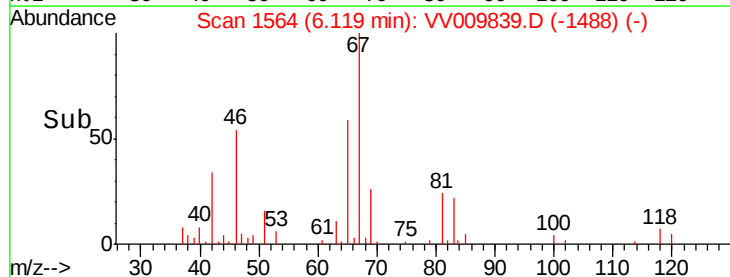
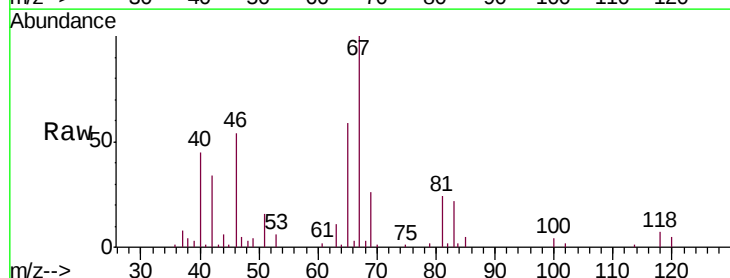
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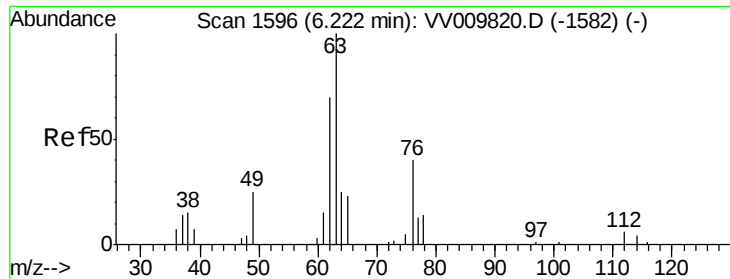
Tgt Ion: 95 Resp: 3389
 Ion Ratio Lower Upper
 95 100
 97 85.0 44.4 82.5#
 132 103.4 66.4 123.4
 130 113.8 68.1 126.5



#35
 Methylcyclohexane
 Concen: 0.738 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.05 min
 Lab File: VV009839.D
 Acq: 22 Mar 2019 20:16

Tgt Ion: 83 Resp: 7990
 Ion Ratio Lower Upper
 83 100
 55 0.5 57.4 86.2#
 98 0.9 38.9 58.3#

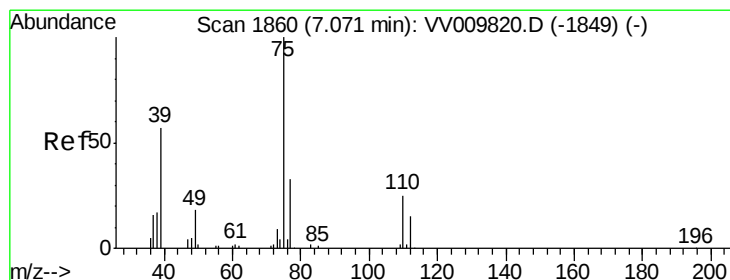
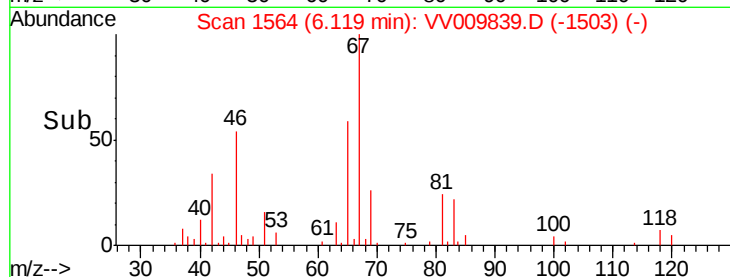
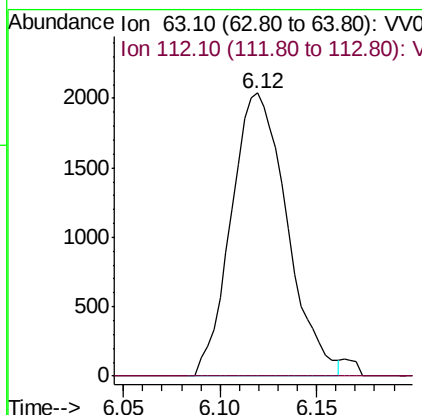
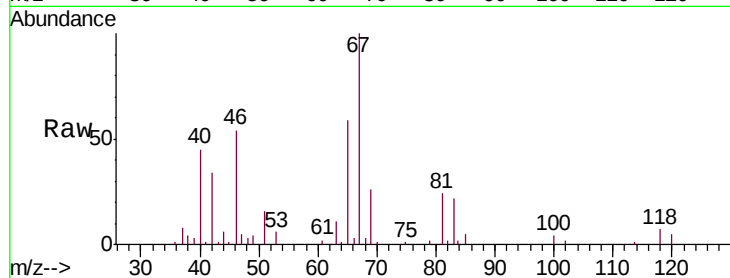




#37
 1,2-Dichloropropane
 Concen: 0.654 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV009839.D
 Acq: 22 Mar 2019 20:16

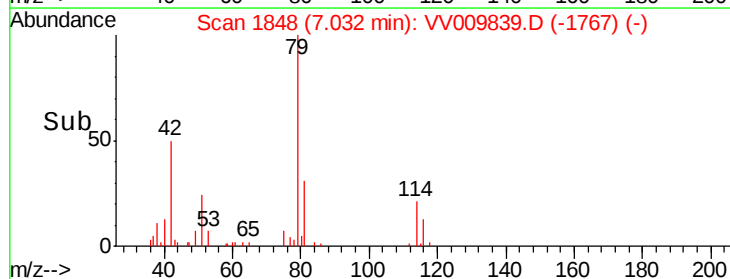
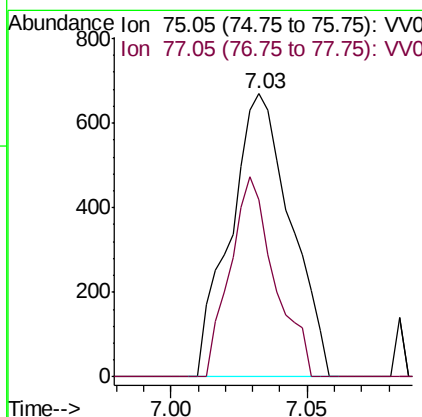
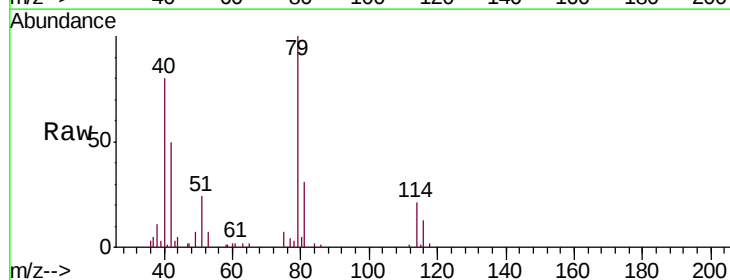
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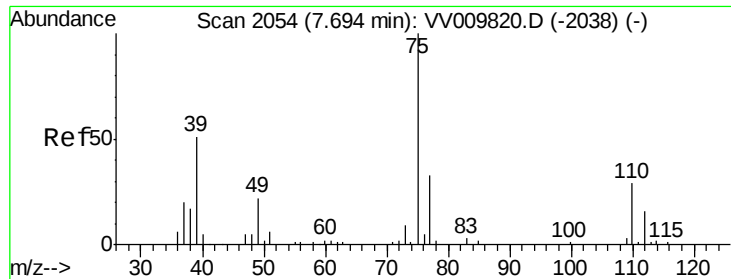
Tgt Ion: 63 Resp: 4089
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#



#39
 cis-1,3-Dichloropropene
 Concen: 0.122 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV009839.D
 Acq: 22 Mar 2019 20:16

Tgt Ion: 75 Resp: 1028
 Ion Ratio Lower Upper
 75 100
 77 62.8 24.1 44.8#





#44

trans-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV009839.D

Acq: 22 Mar 2019 20:16

Instrument :

MSVOA_V

ClientSampleId :

P022-TW001-01

Tgt Ion: 75 Resp: 582

Ion Ratio Lower Upper

75 100

77 27.9 22.7 42.3

