

Data File : VV009785.D
Acq On : 19 Mar 2019 18:07
Operator : SY/MD
Sample : K1986-17
Misc : 4.78g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF125

Quant Time: Mar 20 05:20:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 20 05:16:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	148547	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	145512	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	60836	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39255	39.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.38%
7) Chloroethane-d5	1.55	69	22367	30.27	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	60.54%#
11) 1,1-Dichloroethene-d2	2.10	63	69790	32.72	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.44%
21) 2-Butanone-d5	3.95	46	51791	86.81	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.81%
24) Chloroform-d	4.40	84	82276	44.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.42%
26) 1,2-Dichloroethane-d4	5.08	65	52047	46.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.22%
32) Benzene-d6	5.09	84	174109	45.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.58%
36) 1,2-Dichloropropane-d6	6.12	67	53559	46.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.54%
41) Toluene-d8	7.36	98	164390	44.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.86%
43) trans-1,3-Dichloropropene-	7.67	79	24168	44.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.30%
47) 2-Hexanone-d5	8.14	63	43331	91.96	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.96%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	74683	42.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.06%
64) 1,2-Dichlorobenzene-d4	11.68	152	58793	47.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.52%

Target Compounds

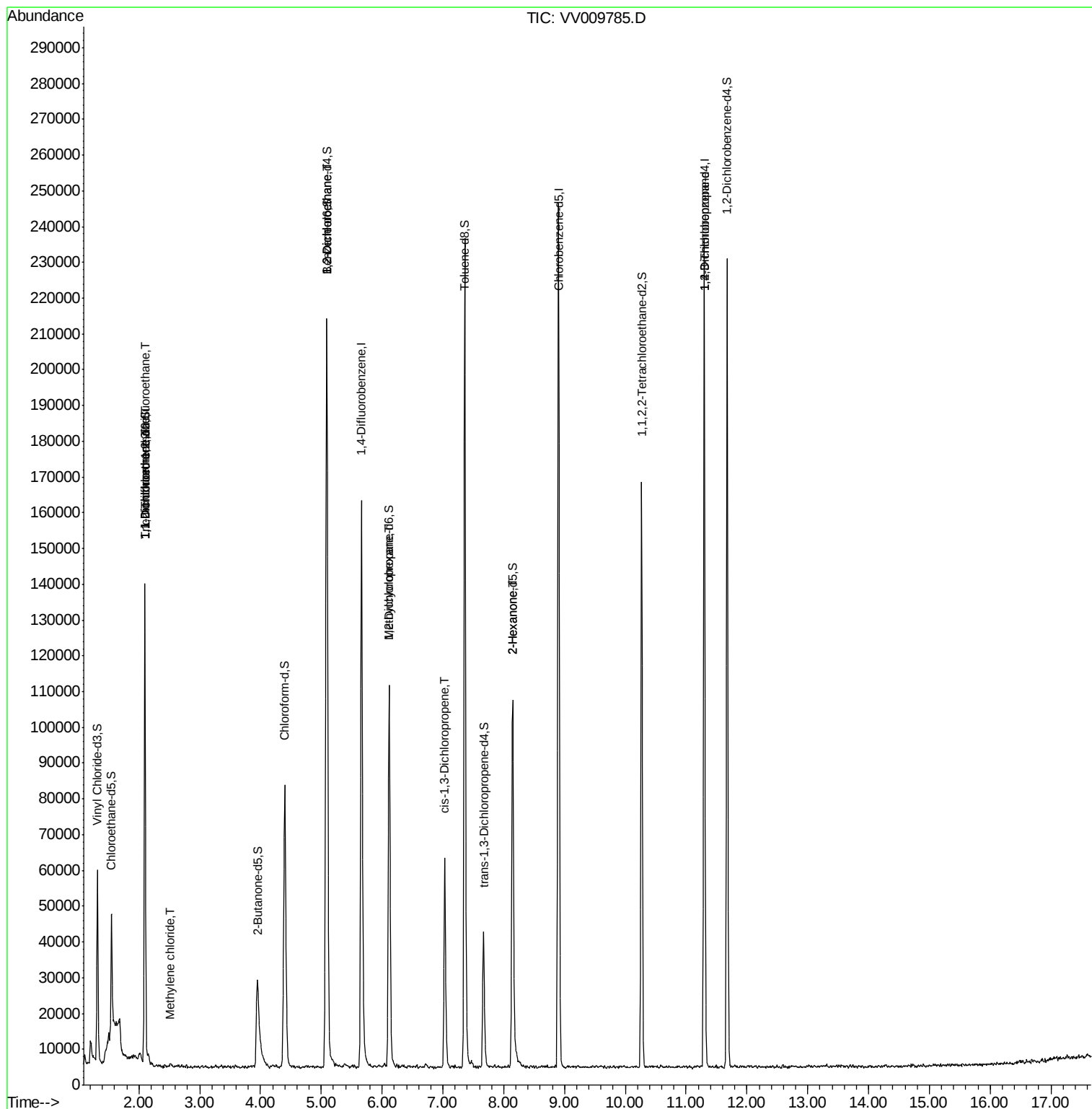
						Qvalue
9) Trichlorofluoromethane	2.10	101	746	0.404	ug/L #	33
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	746	0.730	ug/L #	19
12) 1,1-Dichloroethene	2.10	96	651	0.735	ug/L #	1
16) Methylene chloride	2.52	84	493	0.479	ug/L	85
27) 1,2-Dichloroethane	5.10	62	797	0.584	ug/L #	74
35) Methylcyclohexane	6.12	83	12680	7.443	ug/L #	22
39) cis-1,3-Dichloropropene	7.03	75	1794	1.160	ug/L #	81
48) 2-Hexanone	8.14	43	5117	5.169	ug/L #	68
59) 1,2,3-Trichloropropane	11.30	75	7029	5.275	ug/L #	85

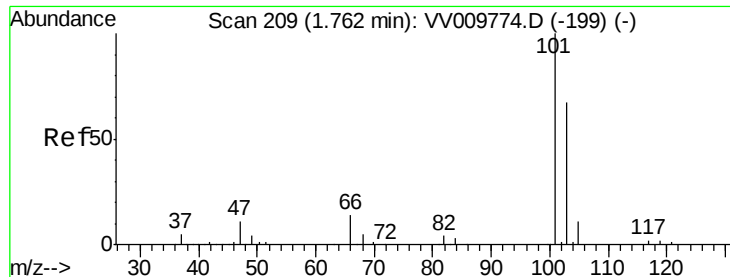
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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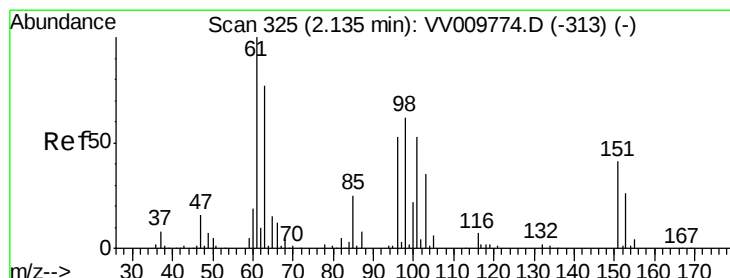
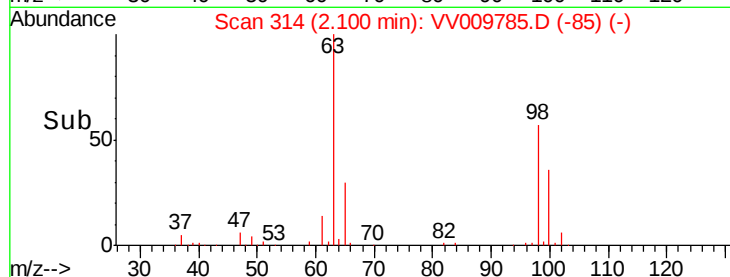
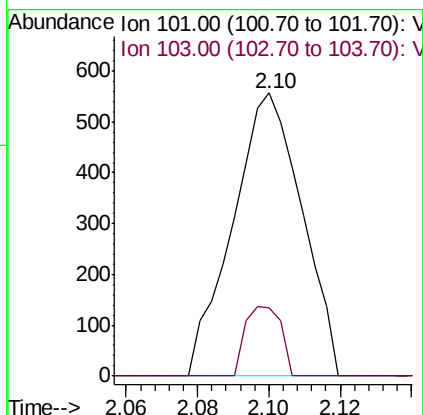
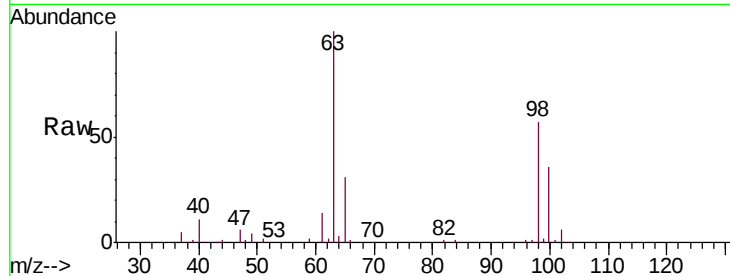


#9

Trichlorofluoromethane
 Concen: 0.404 ug/L
 RT: 2.10 min Scan# 314
 Delta R.T. 0.34 min
 Lab File: VV009785.D
 Acq: 19 Mar 2019 18:07

Instrument :
 MSVOA_V
 ClientSampleId :
 BF125

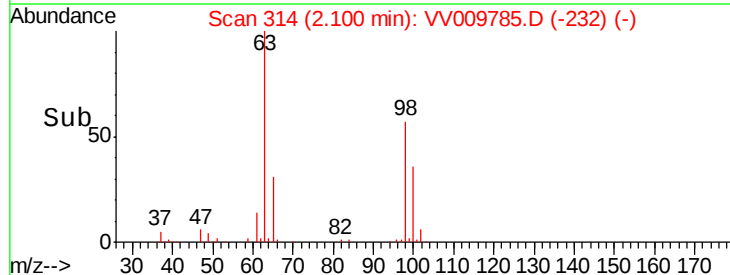
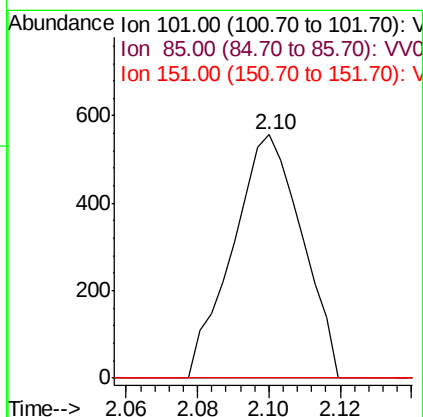
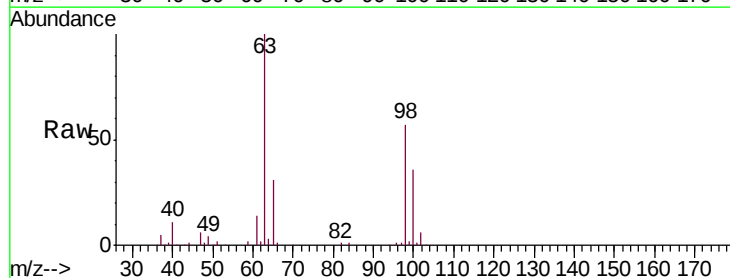
Tgt Ion:101 Resp: 746
 Ion Ratio Lower Upper
 101 100
 103 12.6 52.3 78.5#

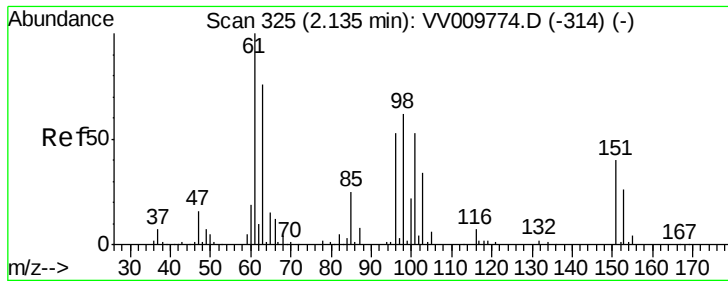


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.730 ug/L
 RT: 2.10 min Scan# 314
 Delta R.T. -0.04 min
 Lab File: VV009785.D
 Acq: 19 Mar 2019 18:07

Tgt Ion:101 Resp: 746
 Ion Ratio Lower Upper
 101 100
 85 0.0 38.5 57.7#
 151 0.0 58.9 88.3#

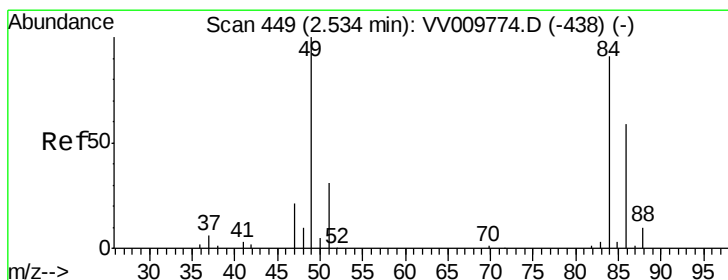
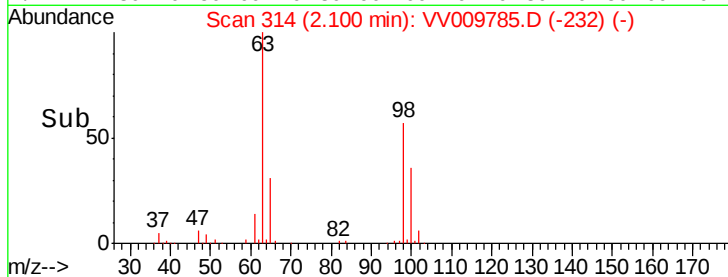
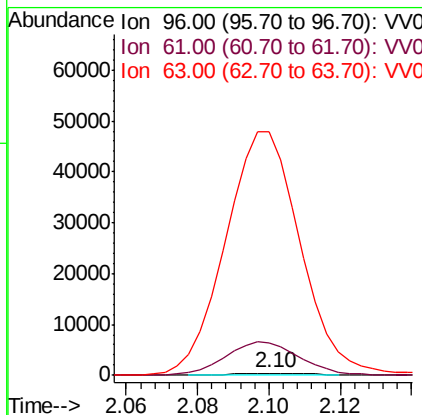
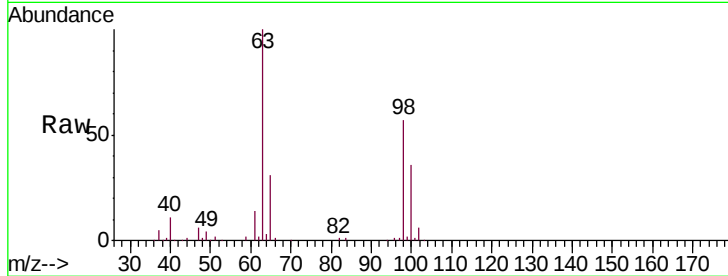




#12
 1,1-Dichloroethene
 Concen: 0.735 ug/L
 RT: 2.10 min Scan# 314
 Delta R.T. -0.04 min
 Lab File: VV009785.D
 Acq: 19 Mar 2019 18:07

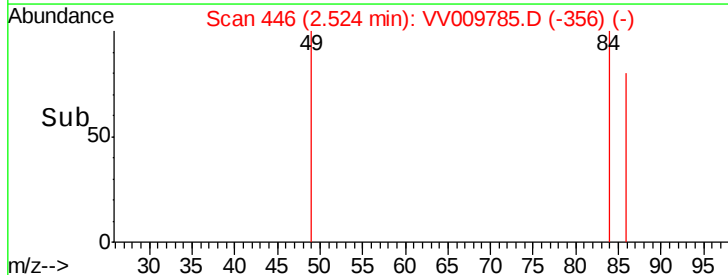
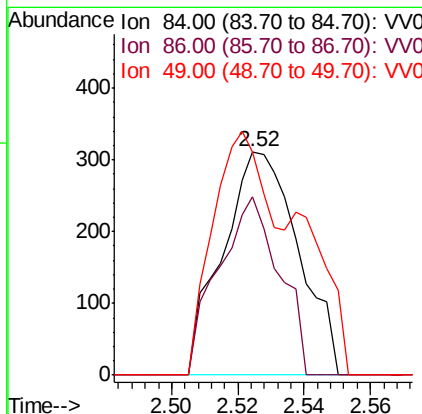
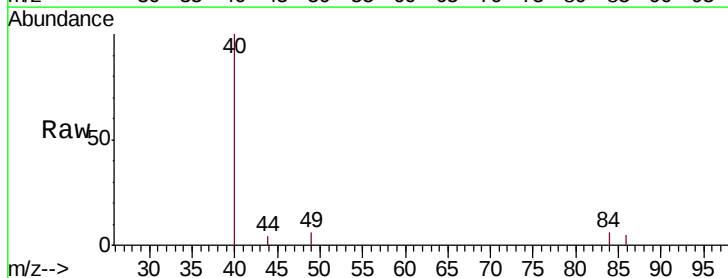
Instrument :
 MSVOA_V
 ClientSampled :
 BF125

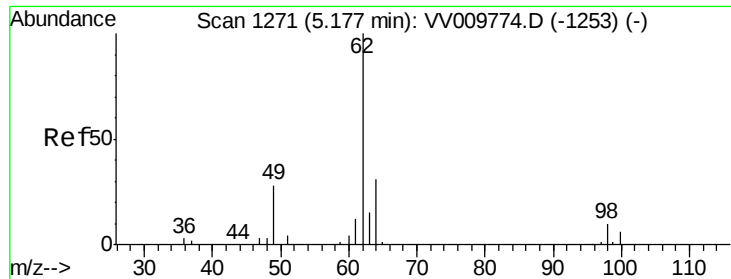
Tgt Ion: 96 Resp: 651
 Ion Ratio Lower Upper
 96 100
 61 1465.8 135.5 251.7#
 63 10827.1 100.2 186.2#



#16
 Methylene chloride
 Concen: 0.479 ug/L
 RT: 2.52 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: VV009785.D
 Acq: 19 Mar 2019 18:07

Tgt Ion: 84 Resp: 493
 Ion Ratio Lower Upper
 84 100
 86 79.7 45.8 85.2
 49 100.0 80.6 149.6

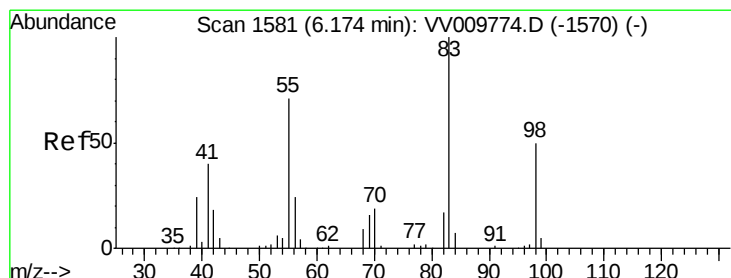
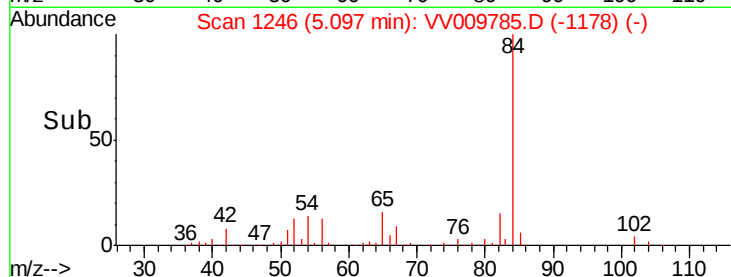
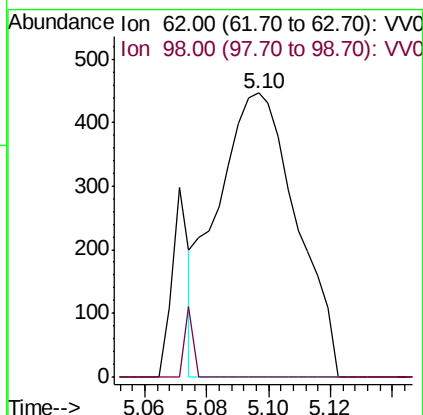
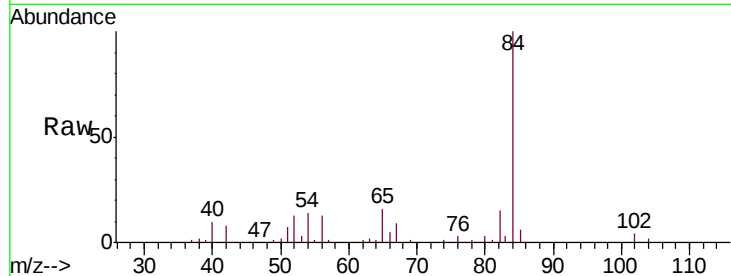




#27
 1,2-Dichloroethane
 Concen: 0.584 ug/L
 RT: 5.10 min Scan# 1246
 Delta R.T. -0.08 min
 Lab File: VV009785.D
 Acq: 19 Mar 2019 18:07

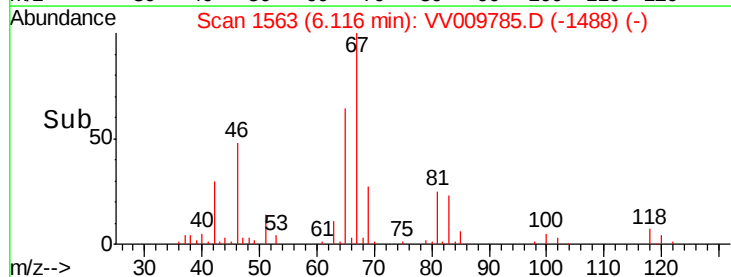
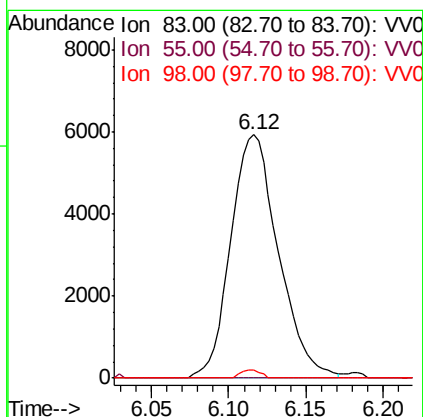
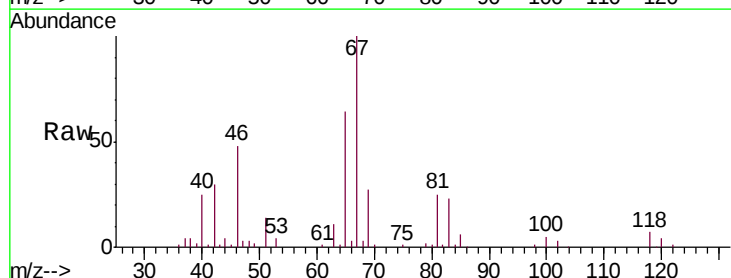
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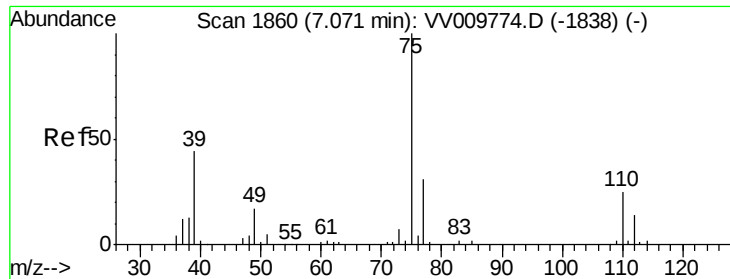
Tgt Ion: 62 Resp: 797
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.8 11.6#



#35
 Methylcyclohexane
 Concen: 7.443 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.06 min
 Lab File: VV009785.D
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Tgt Ion: 83 Resp: 12680
 Ion Ratio Lower Upper
 83 100
 55 0.0 54.2 81.4#
 98 1.4 38.4 57.6#

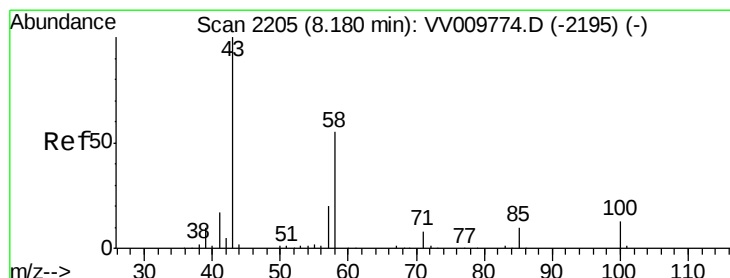
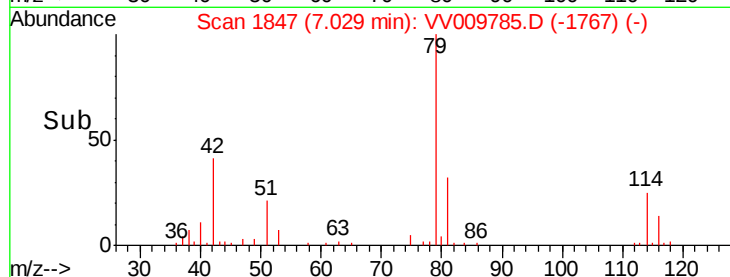
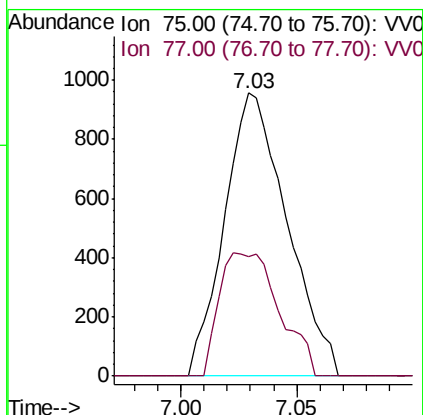
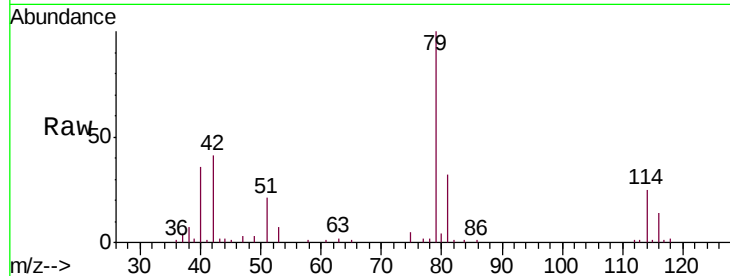




#39
 cis-1,3-Dichloropropene
 Concen: 1.160 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009785.D
 Acq: 19 Mar 2019 18:07

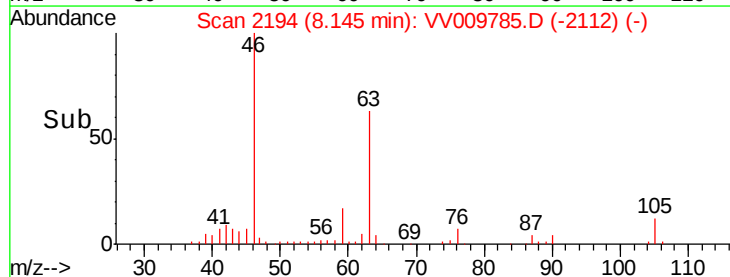
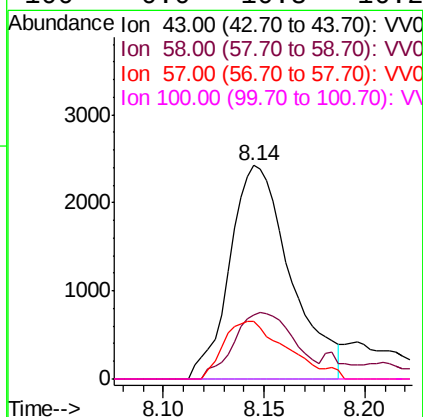
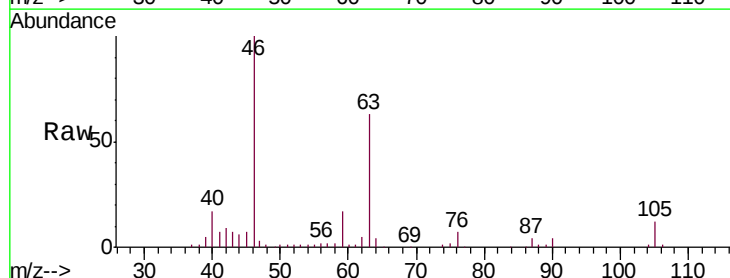
Instrument :
 MSVOA_V
 ClientSampled :
 BF125

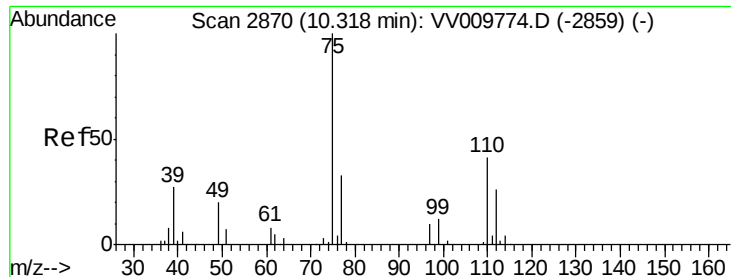
Tgt Ion: 75 Resp: 1794
 Ion Ratio Lower Upper
 75 100
 77 42.4 22.4 41.6#



#48
 2-Hexanone
 Concen: 5.169 ug/L
 RT: 8.14 min Scan# 2194
 Delta R.T. -0.04 min
 Lab File: VV009785.D
 Acq: 19 Mar 2019 18:07

Tgt Ion: 43 Resp: 5117
 Ion Ratio Lower Upper
 43 100
 58 30.8 46.0 69.0#
 57 26.7 14.8 22.2#
 100 0.0 10.8 16.2#





#59

1,2,3-Trichloropropane

Concen: 5.275 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009785.D

Acq: 19 Mar 2019 18:07

Instrument :

MSVOA_V

ClientSampleId :

BF125

Tgt Ion: 75 Resp: 7029

Ion Ratio Lower Upper

75 100

77 41.5 26.2 39.4#

