

Data File : VV009672.D
Acq On : 14 Mar 2019 18:05
Operator : SY/MD
Sample : K1885-09
Misc : 5.95G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF193

Quant Time: Mar 15 04:34:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 04:30:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	89644	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	85918	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	33842	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28256	24.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.60%
7) Chloroethane-d5	1.57	69	27925	19.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.00%
10) 1,1-Dichloroethene-d2	2.13	63	57662	18.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.44%
20) 2-Butanone-d5	3.94	46	15917	53.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.02%
24) Chloroform-d	4.40	84	52214	22.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.08	65	34478	26.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.64%
29) Benzene-d6	5.10	84	116471	25.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.36%
33) 1,2-Dichloropropane-d6	6.12	67	34531	26.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.88%
37) Toluene-d8	7.36	98	108116	24.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.16%
38) trans-1,3-Dichloropropene-	7.67	79	12933	21.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.48%
39) 2-Hexanone-d5	8.13	63	10804	44.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.10%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	30160	24.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.76%
61) 1,2-Dichlorobenzene-d4	11.68	152	33170	25.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.20%

Target Compounds

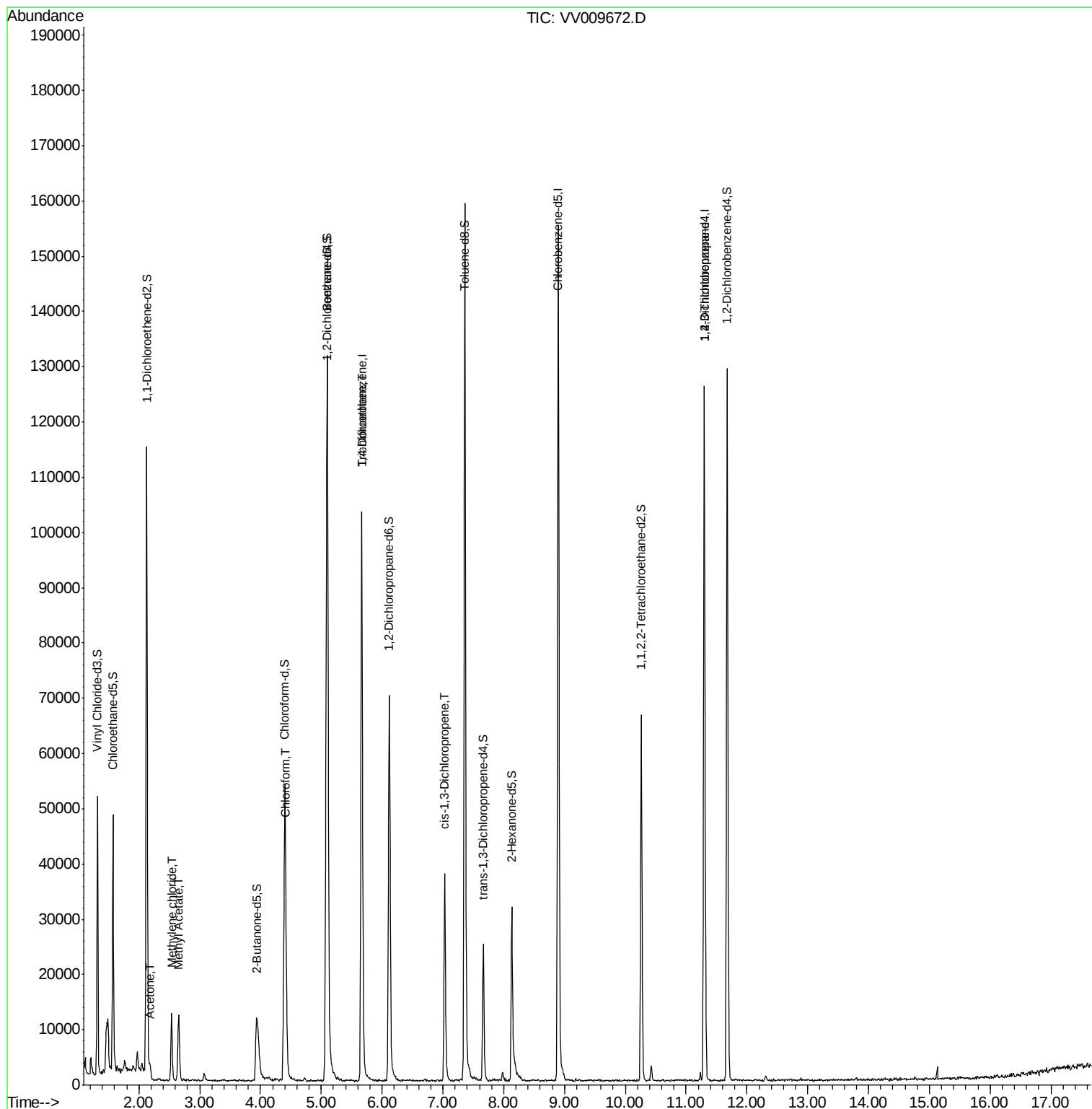
					Qvalue
13) Acetone	2.19	43	1306	3.608 ug/L	81
15) Methyl Acetate	2.66	43	930	1.761 ug/L #	51
16) Methylene chloride	2.54	84	5168	3.960 ug/L	90
25) Chloroform	4.42	83	3559	1.528 ug/L	77
35) Trichloroethene	5.66	95	2728	2.017 ug/L #	5
42) cis-1,3-Dichloropropene	7.04	75	1168	0.650 ug/L #	78
59) 1,2,3-Trichloropropane	11.30	75	5228	5.680 ug/L	90

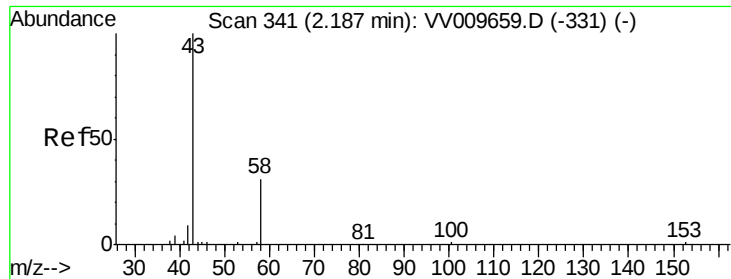
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.608 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV009672.D

Acq: 14 Mar 2019 18:05

Instrument :

MSVOA_V

ClientSampleId :

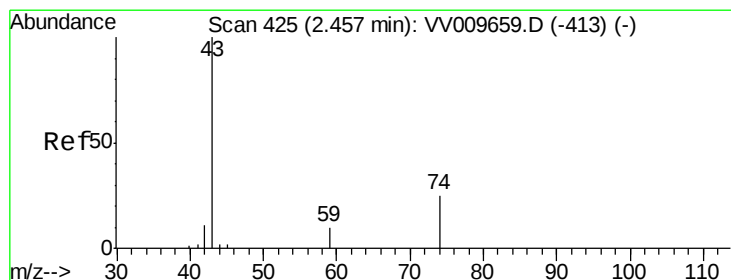
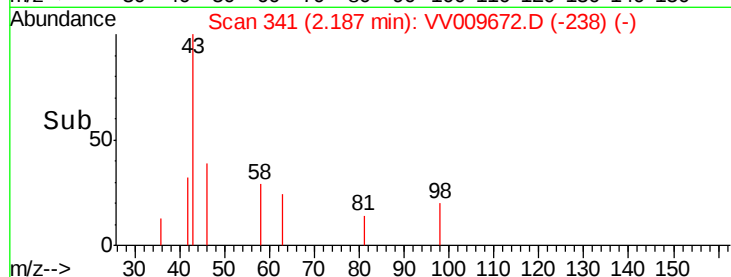
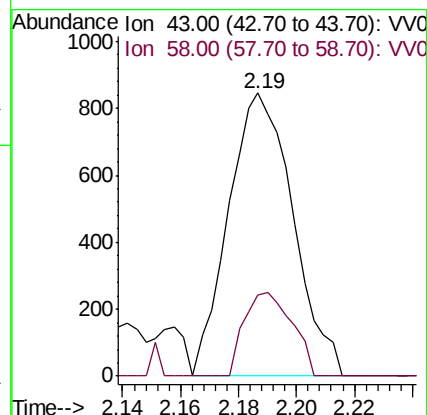
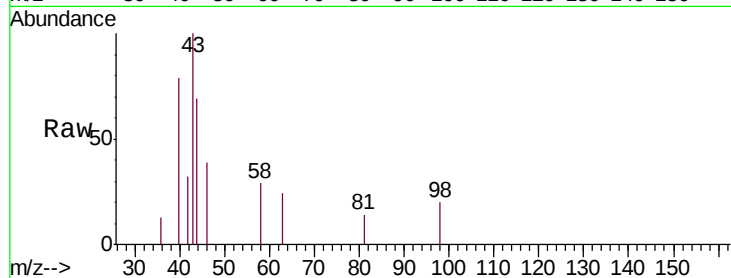
BF193

Tgt Ion: 43 Resp: 1306

Ion Ratio Lower Upper

43 100

58 22.0 0.0 64.8



#15

Methyl Acetate

Concen: 1.761 ug/L

RT: 2.66 min Scan# 487

Delta R.T. 0.20 min

Lab File: VV009672.D

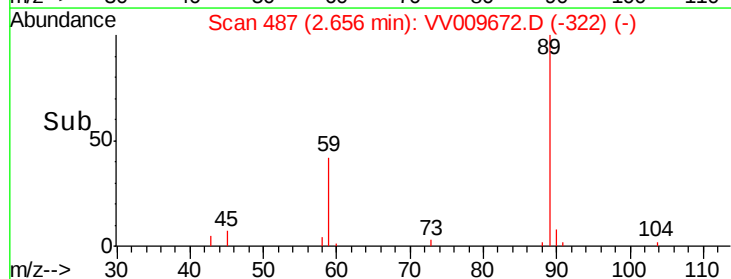
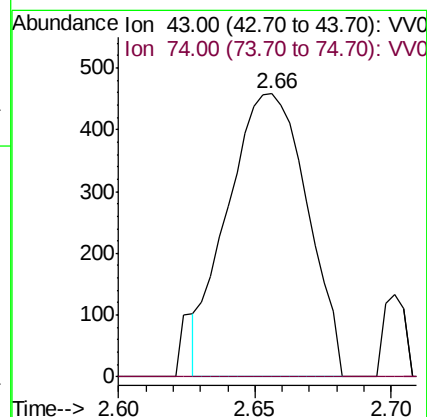
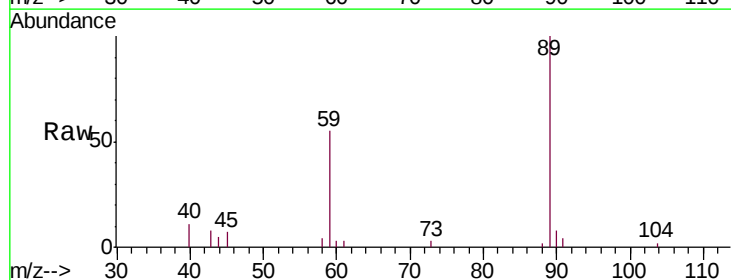
Acq: 14 Mar 2019 18:05

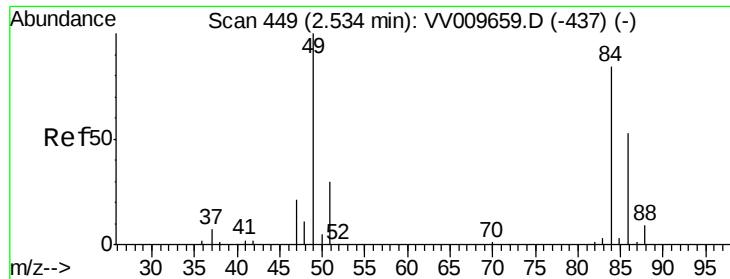
Tgt Ion: 43 Resp: 930

Ion Ratio Lower Upper

43 100

74 0.0 19.8 29.6#

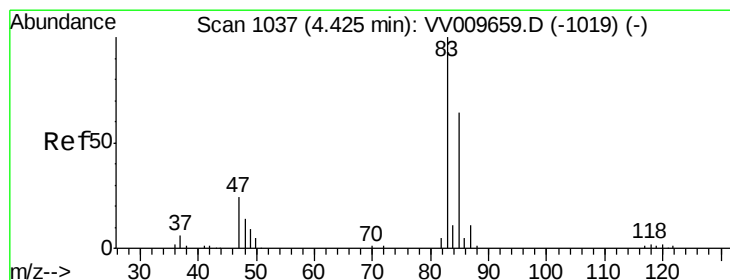
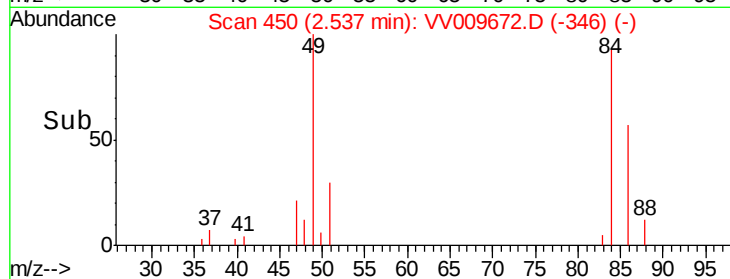
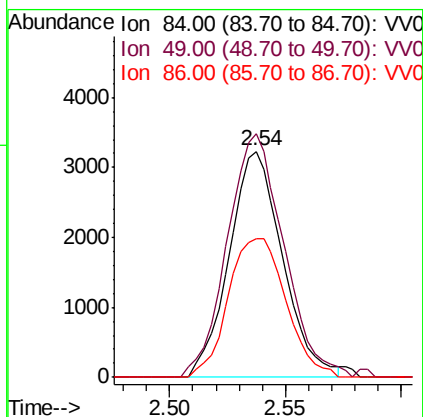
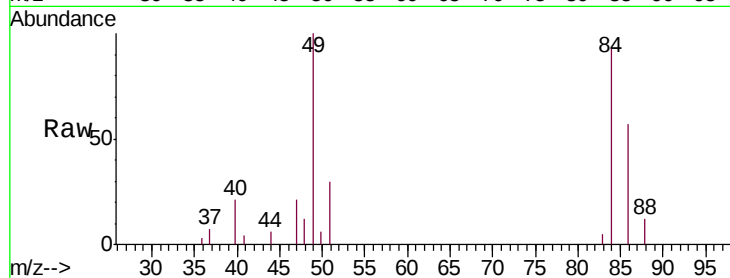




#16
Methylene chloride
Concen: 3.960 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009672.D
Acq: 14 Mar 2019 18:05

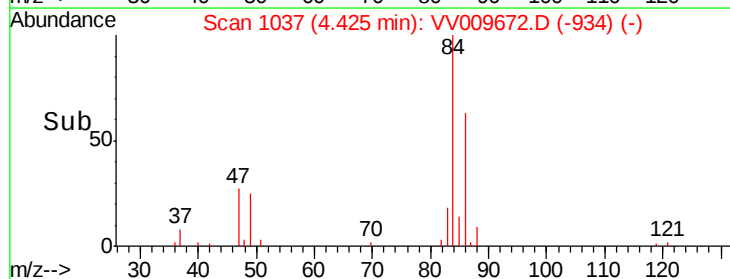
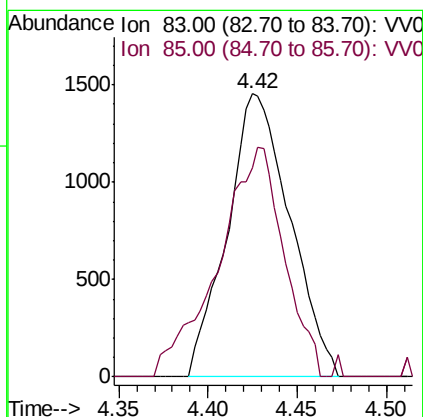
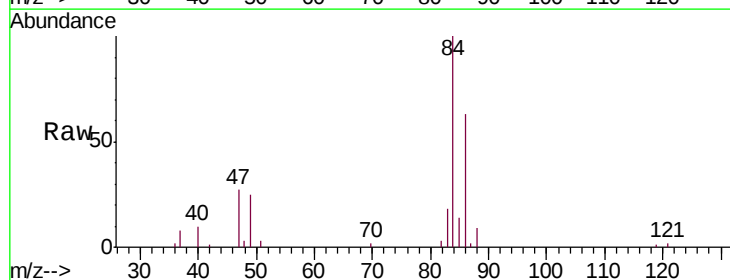
Instrument :
MSVOA_V
ClientSampled :
BF193

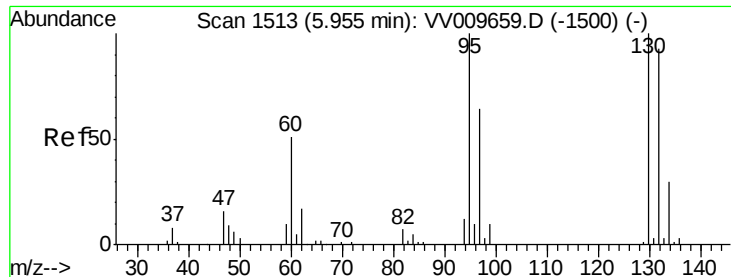
Tgt Ion: 84 Resp: 5168
Ion Ratio Lower Upper
84 100
49 107.8 86.1 159.9
86 61.6 45.2 84.0



#25
Chloroform
Concen: 1.528 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV009672.D
Acq: 14 Mar 2019 18:05

Tgt Ion: 83 Resp: 3559
Ion Ratio Lower Upper
83 100
85 85.0 46.4 86.2

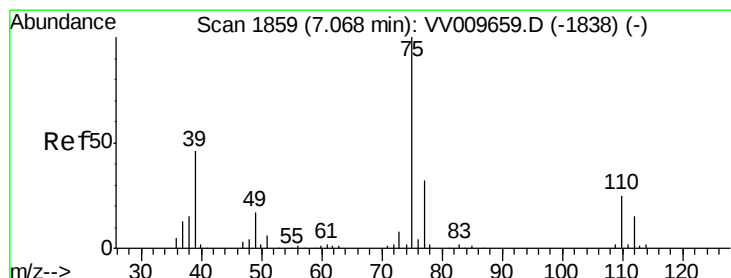
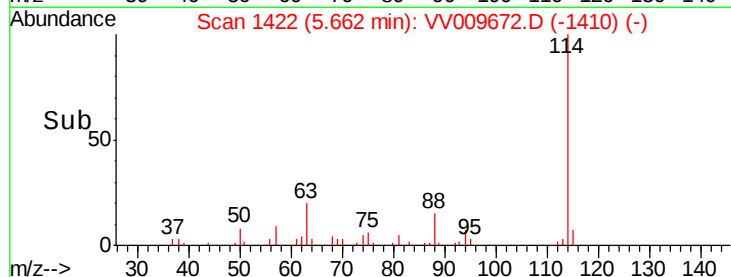
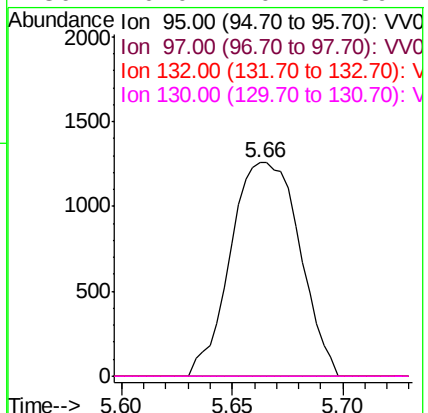
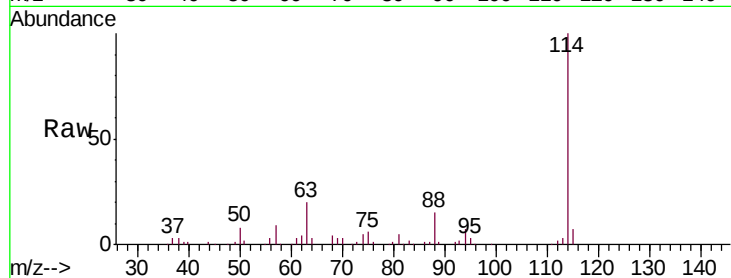




#35
 Trichloroethene
 Concen: 2.017 ug/L
 RT: 5.66 min Scan# 1422
 Delta R.T. -0.29 min
 Lab File: VV009672.D
 Acq: 14 Mar 2019 18:05

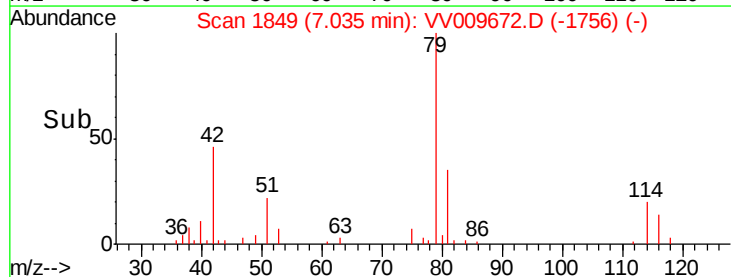
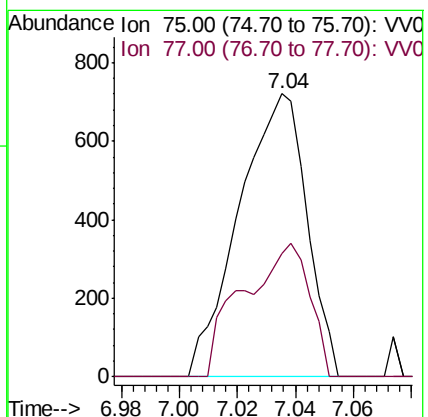
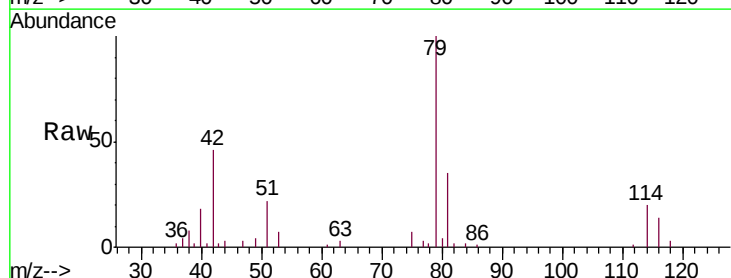
Instrument :
 MSVOA_V
 ClientSampleId :
 BF193

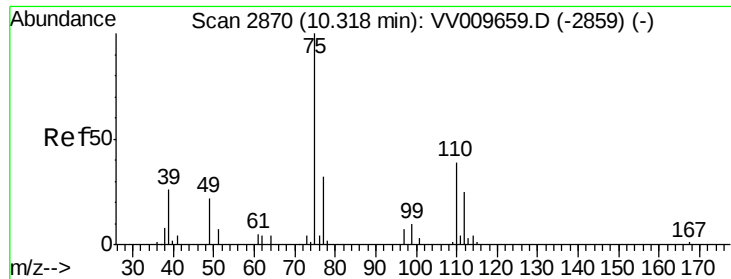
Tgt Ion: 95 Resp: 2728
 Ion Ratio Lower Upper
 95 100
 97 0.0 44.9 83.5#
 132 0.0 66.4 123.2#
 130 0.0 70.2 130.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.650 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.03 min
 Lab File: VV009672.D
 Acq: 14 Mar 2019 18:05

Tgt Ion: 75 Resp: 1168
 Ion Ratio Lower Upper
 75 100
 77 43.7 22.0 40.8#





#59

1,2,3-Trichloropropane

Concen: 5.680 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009672.D

Acq: 14 Mar 2019 18:05

Instrument :

MSVOA_V

ClientSampleId :

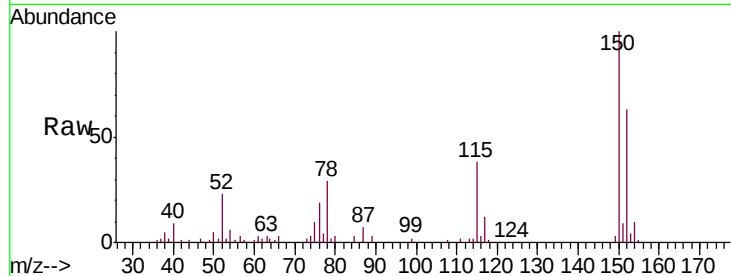
BF193

Tgt Ion: 75 Resp: 5228

Ion Ratio Lower Upper

75 100

77 37.1 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

