

Data File : VV009740.D
Acq On : 16 Mar 2019 20:04
Operator : SY/MD
Sample : K1949-08
Misc : 5.79G/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0Y9

Quant Time: Mar 18 07:46:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 07:41:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	190132	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	184836	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	76495	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57490	44.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.70%
7) Chloroethane-d5	1.55	69	28680	30.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	60.64%#
11) 1,1-Dichloroethene-d2	2.09	63	99424	36.42	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.84%
21) 2-Butanone-d5	3.95	46	71660	93.85	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.85%
24) Chloroform-d	4.40	84	107003	45.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.86%
26) 1,2-Dichloroethane-d4	5.08	65	70996	49.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.34%
32) Benzene-d6	5.09	84	233425	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.66%
36) 1,2-Dichloropropane-d6	6.12	67	70955	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.50%
41) Toluene-d8	7.36	98	222387	47.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.70%
43) trans-1,3-Dichloropropene-	7.67	79	32420	46.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.24%
47) 2-Hexanone-d5	8.15	63	60471	101.04	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.04%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	100058	44.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.70%
64) 1,2-Dichlorobenzene-d4	11.68	152	80014	51.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.38%

Target Compounds

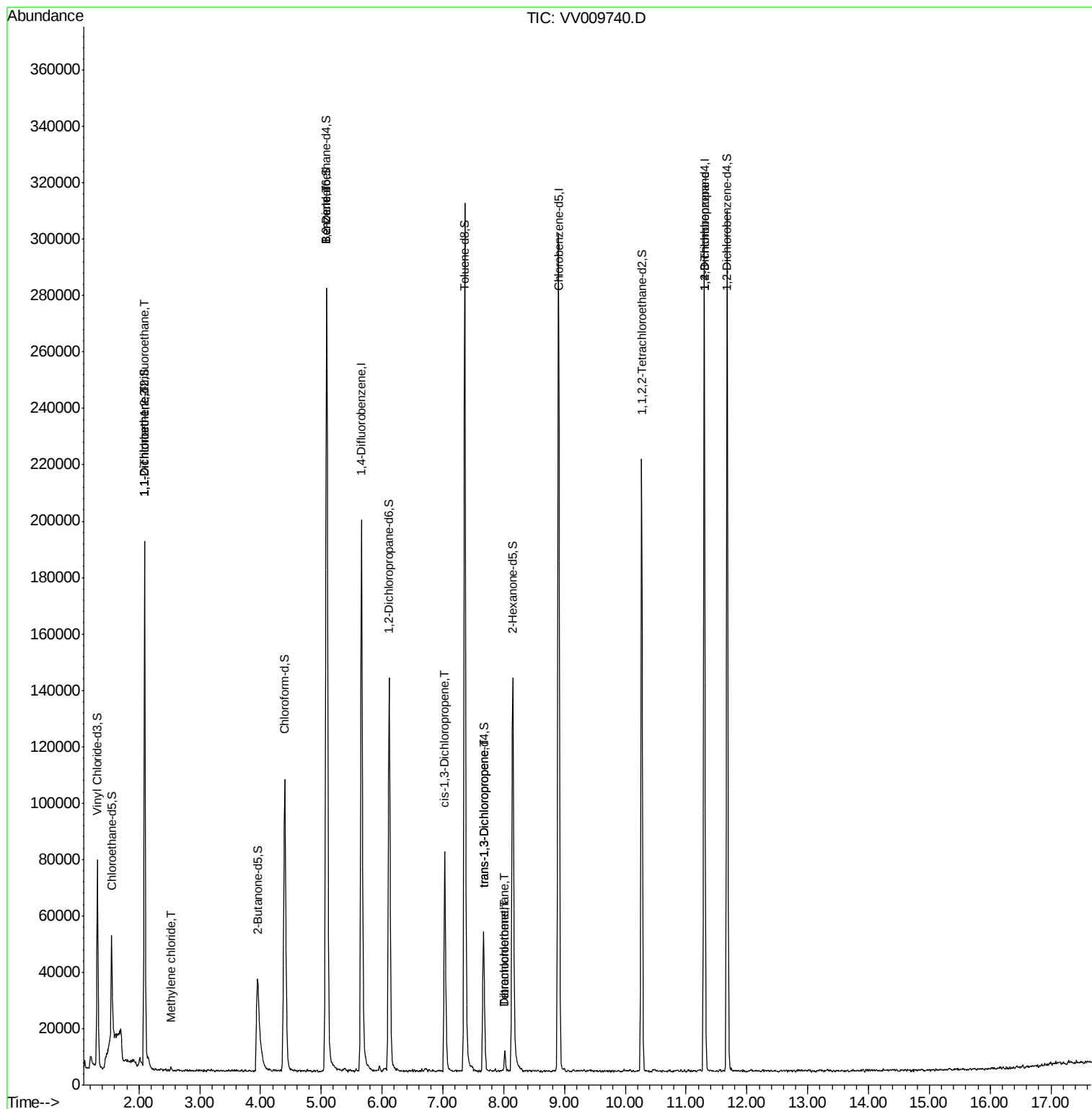
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.09	101	1007	0.770	ug/L #	19
12) 1,1-Dichloroethene	2.09	96	784	0.692	ug/L #	1
16) Methylene chloride	2.53	84	475	0.361	ug/L	96
33) Benzene	5.09	78	1934	0.383	ug/L	100
39) cis-1,3-Dichloropropene	7.03	75	2534	1.289	ug/L #	82
44) trans-1,3-Dichloropropene	7.67	75	1580	0.849	ug/L	97
46) Tetrachloroethene	8.02	164	1533	1.397	ug/L	95
49) Dibromochloromethane	8.02	129	1292	0.905	ug/L #	10
59) 1,2,3-Trichloropropane	11.30	75	9289	5.488	ug/L #	86

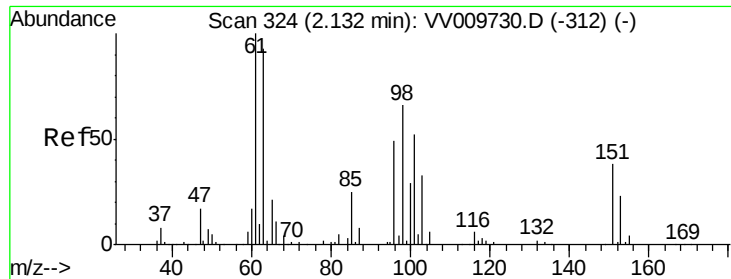
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.770 ug/L

RT: 2.09 min Scan# 312

Delta R.T. -0.04 min

Lab File: VV009740.D

Acq: 16 Mar 2019 20:04

Instrument :

MSVOA_V

ClientSampled :

BF0Y9

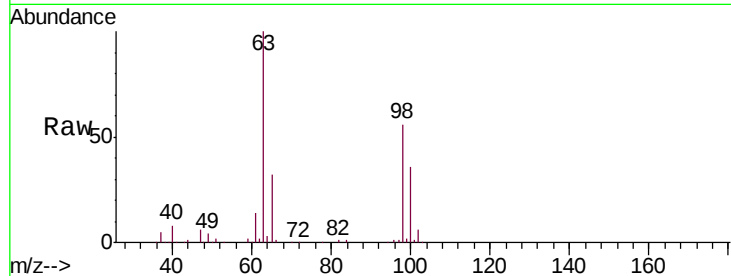
Tgt Ion: 101 Resp: 1007

Ion Ratio Lower Upper

101 100

85 0.0 38.5 57.7#

151 0.0 58.9 88.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

1000

800

600

400

200

0

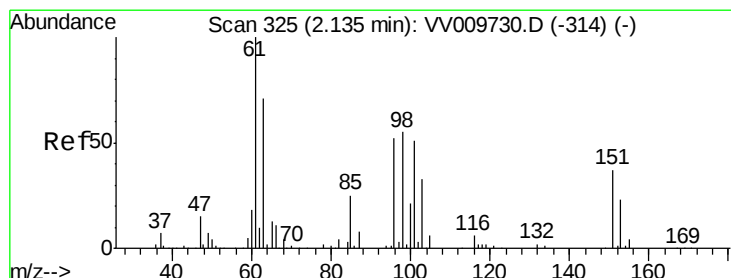
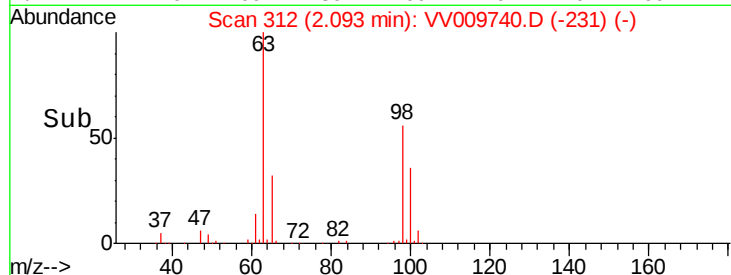
2.06

2.08

2.10

2.12

Time-->



#12

1,1-Dichloroethene

Concen: 0.692 ug/L

RT: 2.09 min Scan# 312

Delta R.T. -0.04 min

Lab File: VV009740.D

Acq: 16 Mar 2019 20:04

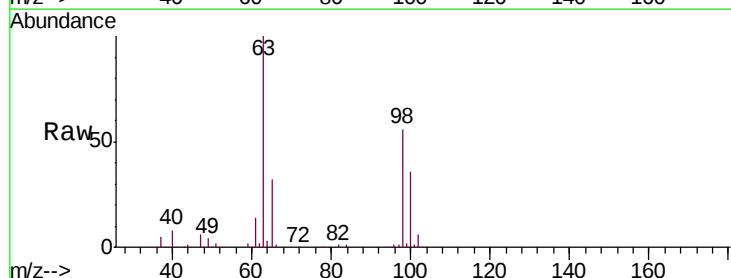
Tgt Ion: 96 Resp: 784

Ion Ratio Lower Upper

96 100

61 1772.1 135.5 251.7#

63 12698.9 100.2 186.2#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

80000

60000

40000

20000

0

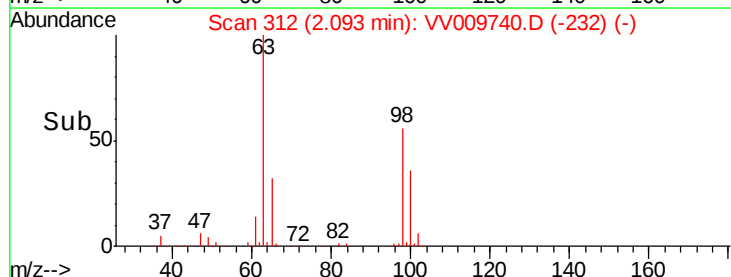
2.06

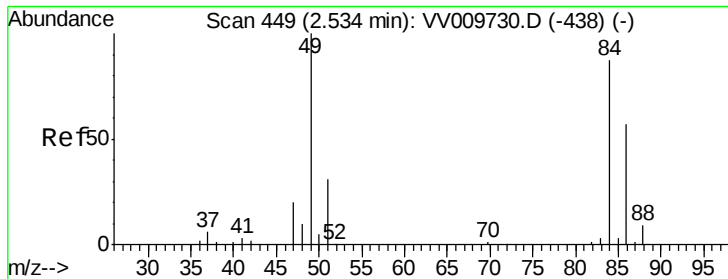
2.08

2.10

2.12

Time-->

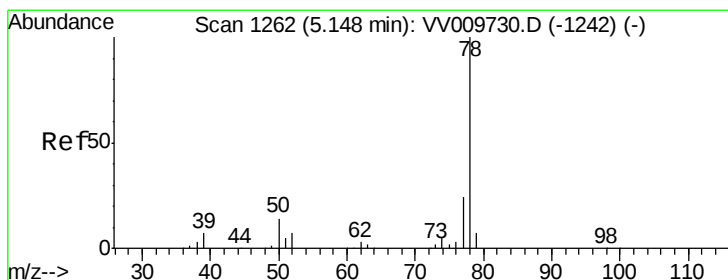
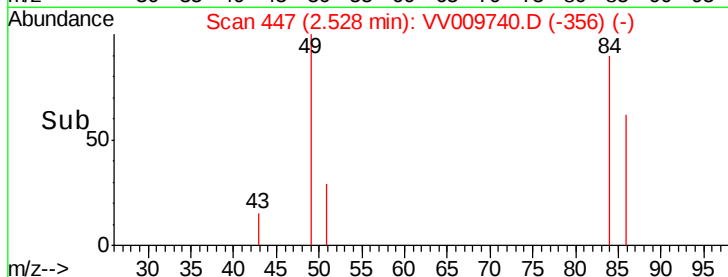
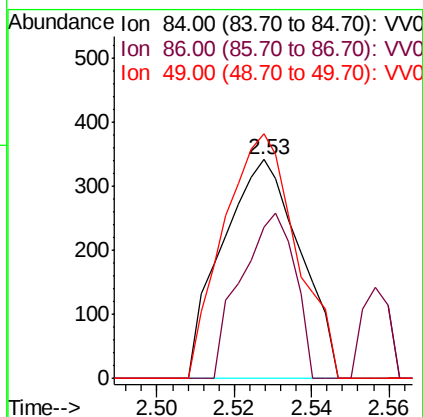
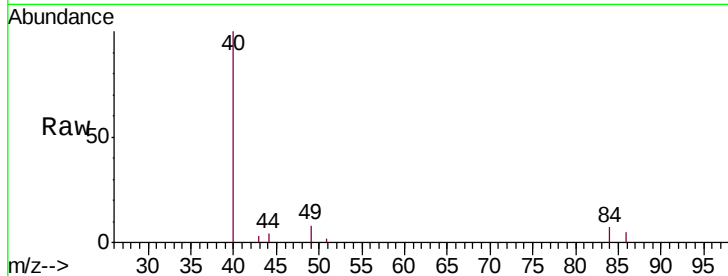




#16
Methylene chloride
Concen: 0.361 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.01 min
Lab File: VV009740.D
Acq: 16 Mar 2019 20:04

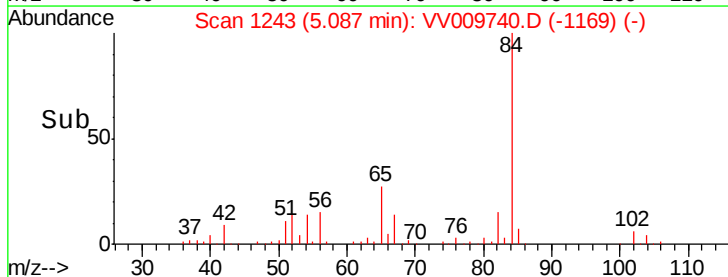
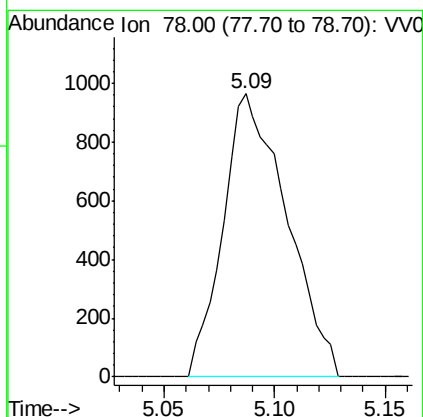
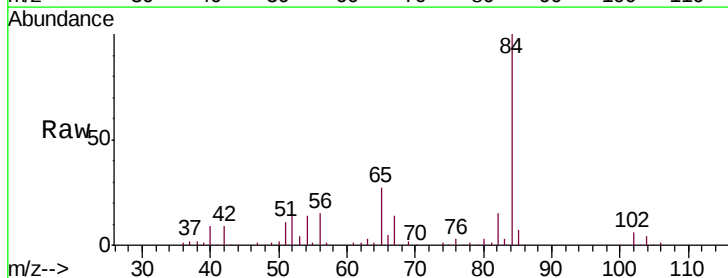
Instrument :
MSVOA_V
ClientSampleId :
BF0Y9

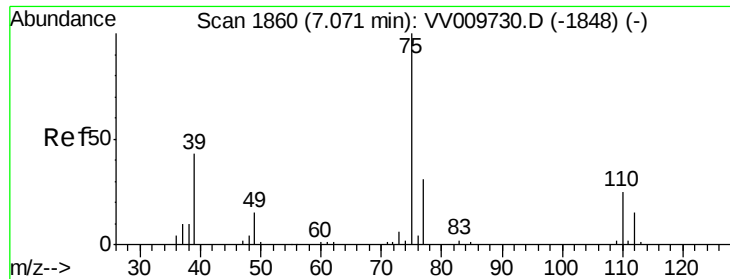
Tgt Ion: 84 Resp: 475
Ion Ratio Lower Upper
84 100
86 68.9 45.8 85.2
49 111.7 80.6 149.6



#33
Benzene
Concen: 0.383 ug/L
RT: 5.09 min Scan# 1243
Delta R.T. -0.06 min
Lab File: VV009740.D
Acq: 16 Mar 2019 20:04

Tgt Ion: 78 Resp: 1934

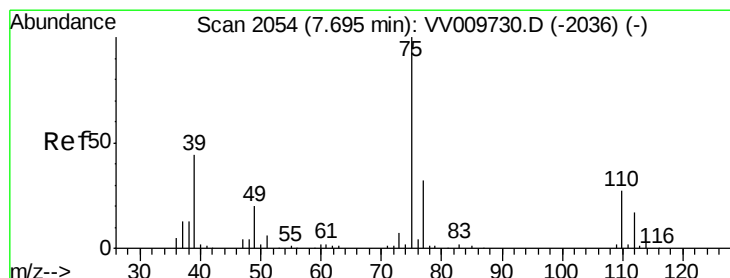
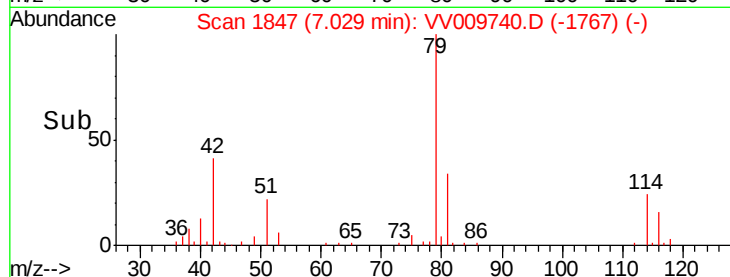
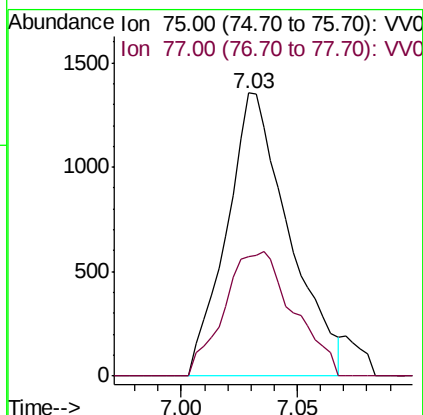
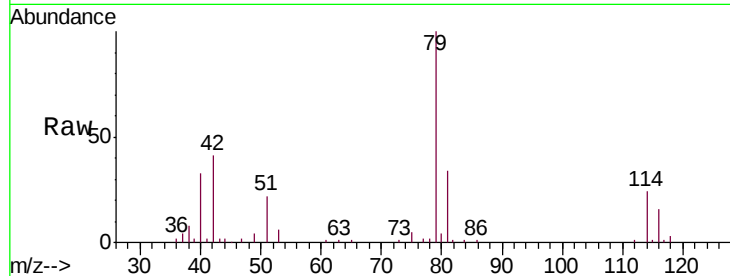




#39
 cis-1,3-Dichloropropene
 Concen: 1.289 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009740.D
 Acq: 16 Mar 2019 20:04

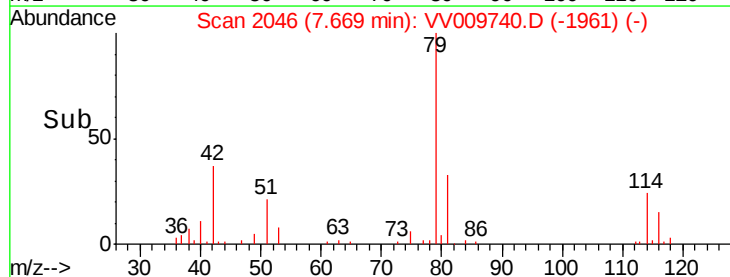
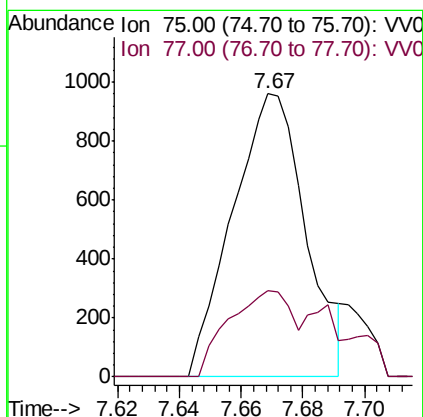
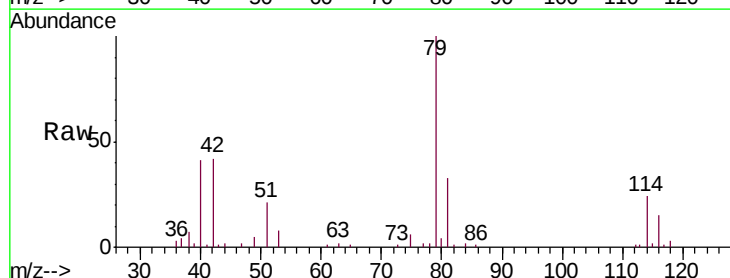
Instrument :
 MSVOA_V
 ClientSampleId :
 BF0Y9

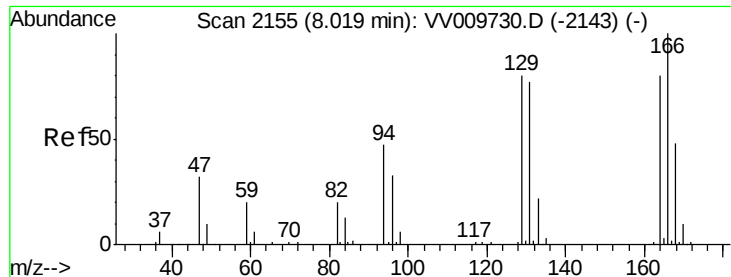
Tgt Ion: 75 Resp: 2534
 Ion Ratio Lower Upper
 75 100
 77 42.1 22.4 41.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.849 ug/L
 RT: 7.67 min Scan# 2046
 Delta R.T. -0.03 min
 Lab File: VV009740.D
 Acq: 16 Mar 2019 20:04

Tgt Ion: 75 Resp: 1580
 Ion Ratio Lower Upper
 75 100
 77 30.5 22.5 41.7

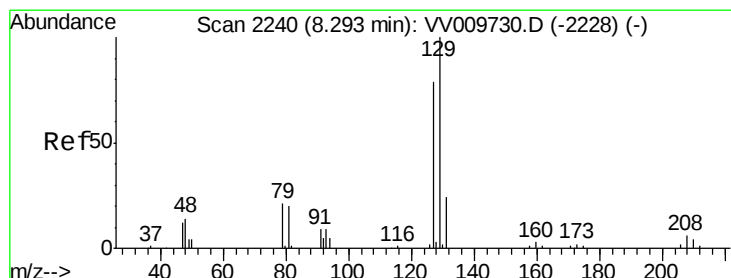
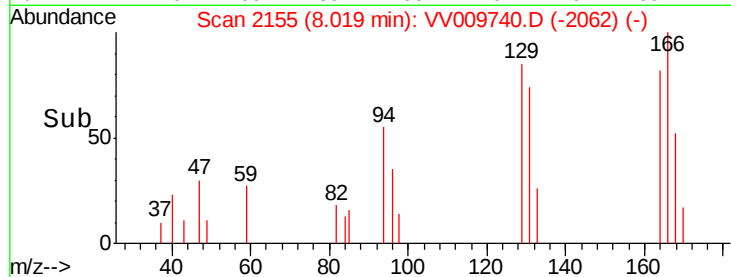
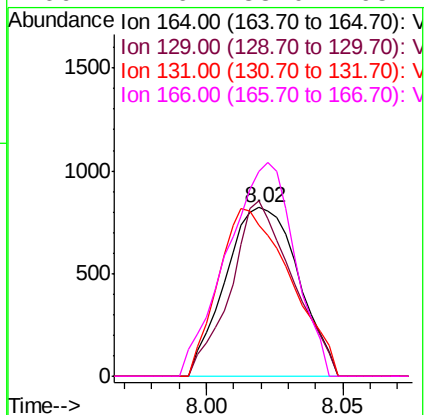
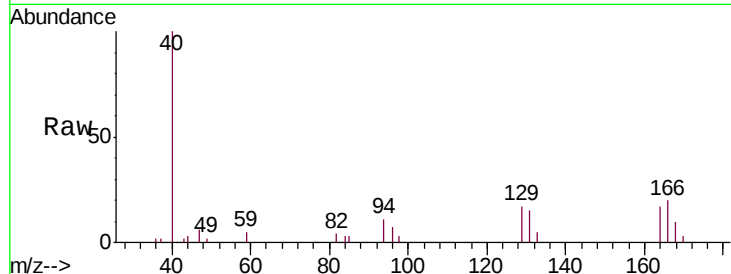




#46
Tetrachloroethene
Concen: 1.397 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.00 min
Lab File: VV009740.D
Acq: 16 Mar 2019 20:04

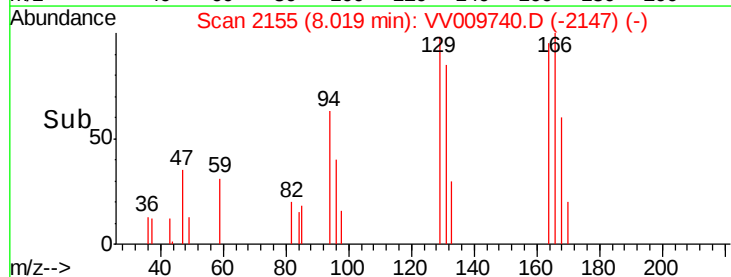
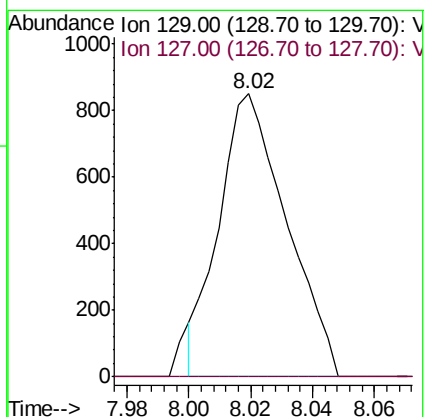
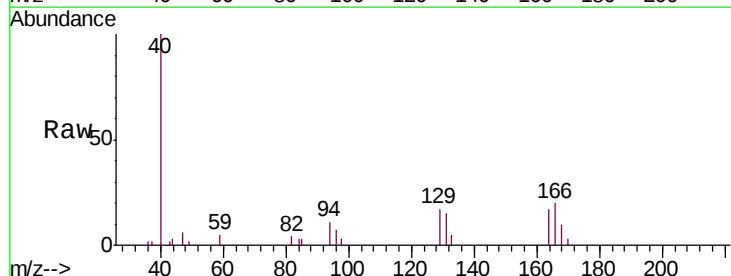
Instrument :
MSVOA_V
ClientSampleId :
BF0Y9

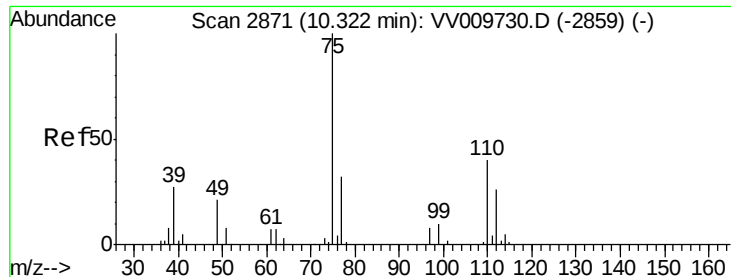
Tgt Ion:164 Resp: 1533
Ion Ratio Lower Upper
164 100
129 103.7 70.0 130.0
131 89.5 67.5 125.4
166 121.6 88.0 163.4



#49
Dibromochloromethane
Concen: 0.905 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV009740.D
Acq: 16 Mar 2019 20:04

Tgt Ion:129 Resp: 1292
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.4#





#59

1,2,3-Trichloropropane

Concen: 5.488 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009740.D

Acq: 16 Mar 2019 20:04

Instrument :

MSVOA_V

ClientSampleId :

BF0Y9

Tgt Ion: 75 Resp: 9289

Ion Ratio Lower Upper

75 100

77 40.9 26.2 39.4#

