

Data File : VV010564.D
Acq On : 29 Apr 2019 22:44
Operator : SY/MD
Sample : K2590-03
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0X88

Quant Time: Apr 30 06:50:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 30 06:45:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	219295	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	217287	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	101678	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46584	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.57	69	31953	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.00%
11) 1,1-Dichloroethene-d2	2.13	63	64119	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	3.93	46	129433	47.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.10%
24) Chloroform-d	4.40	84	134217	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.08	65	67391	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.10	84	268265	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.12	67	77518	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.36	98	242777	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	7.66	79	25862	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.13	63	114621	46.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.94%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	55669	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	105625	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

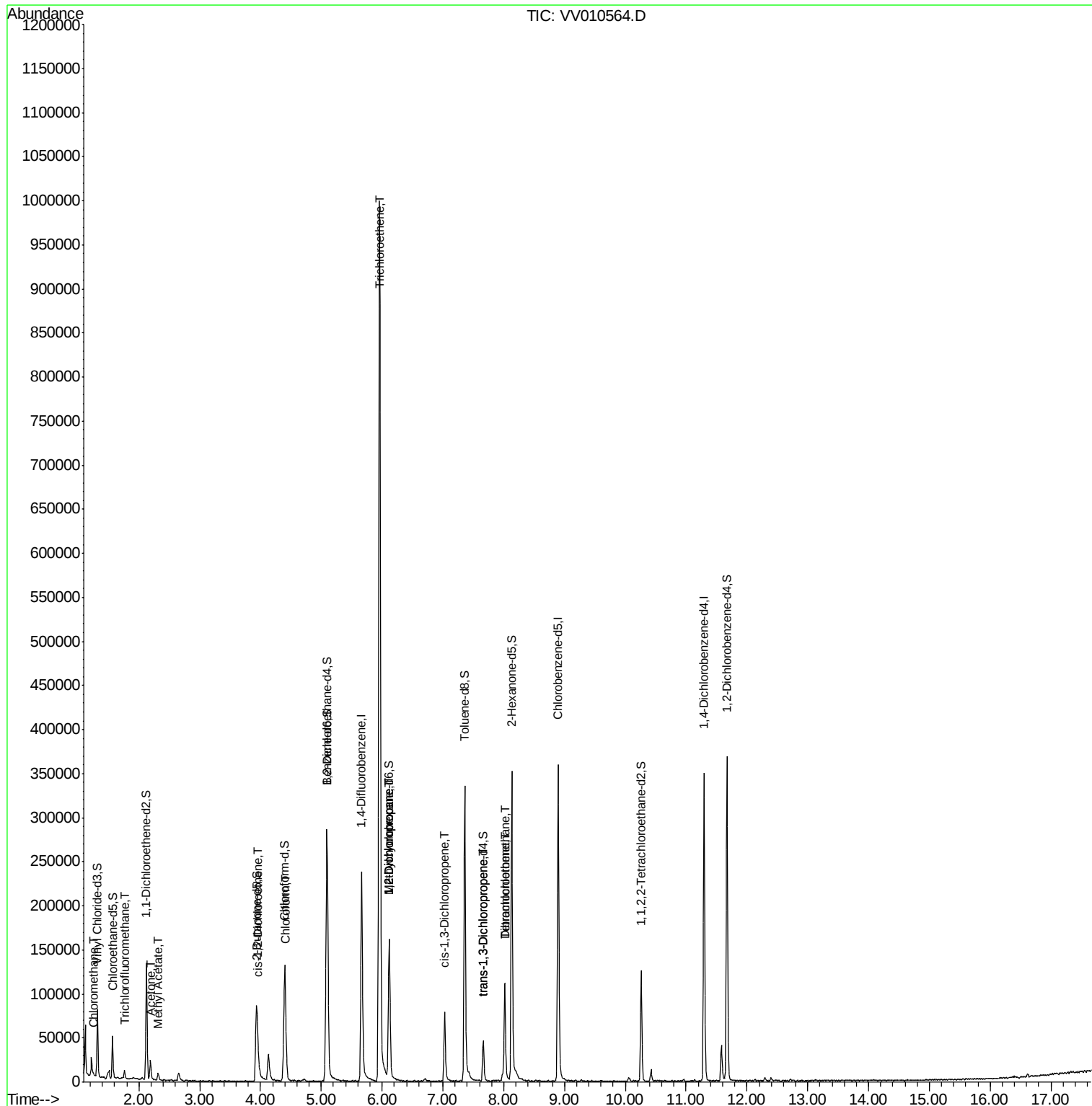
					Qvalue
3) Chloromethane	1.25	50	980	0.084 ug/L	90
9) Trichlorofluoromethane	1.76	101	3871	0.162 ug/L	92
13) Acetone	2.19	43	19155	13.977 ug/L	96
15) Methyl Acetate	2.32	43	2586	0.569 ug/L #	44
22) cis-1,2-Dichloroethene	3.96	96	4337	0.266 ug/L	93
25) Chloroform	4.42	83	3002	0.106 ug/L #	72
34) Trichloroethene	5.96	95	353248	21.589 ug/L	98
35) Methylcyclohexane	6.12	83	20701	0.975 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	8464	0.653 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1903	0.102 ug/L #	59
44) trans-1,3-Dichloropropene	7.66	75	1390	0.094 ug/L #	53
47) Tetrachloroethene	8.02	164	27814	1.820 ug/L	93
49) Dibromochloromethane	8.02	129	24062	1.781 ug/L #	12

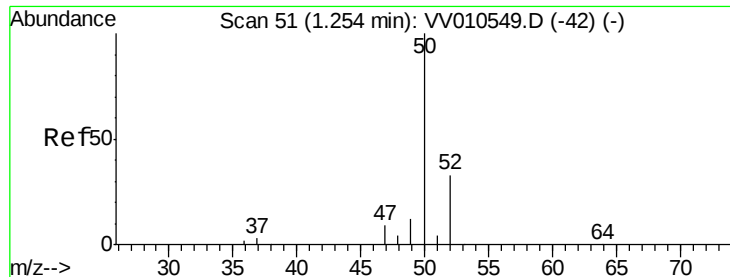
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.084 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV010564.D

Acq: 29 Apr 2019 22:44

Instrument :

MSVOA_V

ClientSampled :

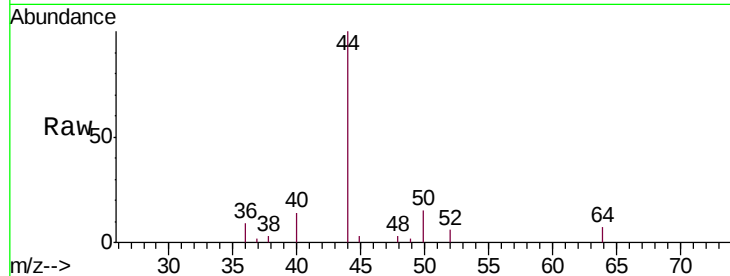
C0X88

Tgt Ion: 50 Resp: 980

Ion Ratio Lower Upper

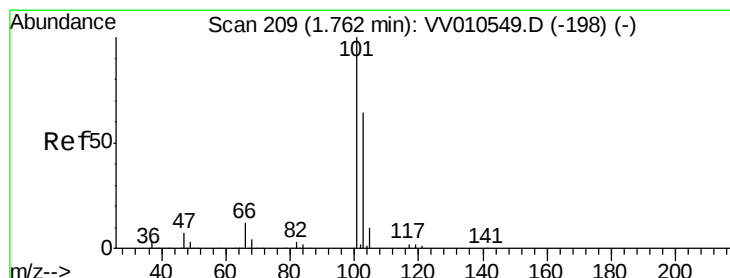
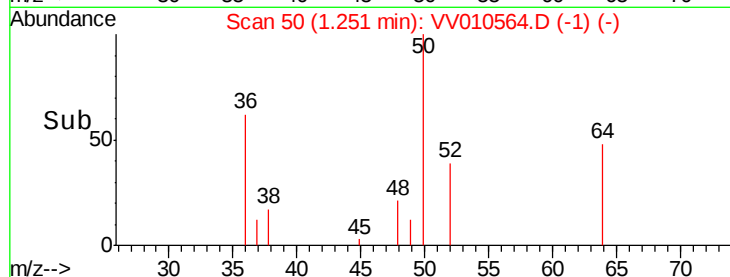
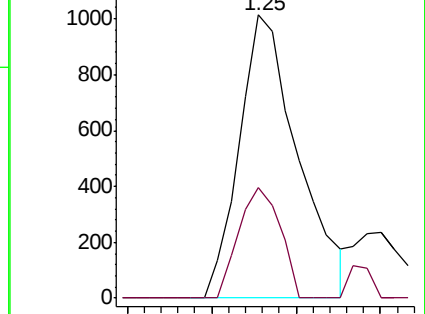
50 100

52 39.1 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VV010549.D (-42) (-)

Ion 52.05 (51.75 to 52.75): VV010549.D (-42) (-)



#9

Trichlorofluoromethane

Concen: 0.162 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

Lab File: VV010564.D

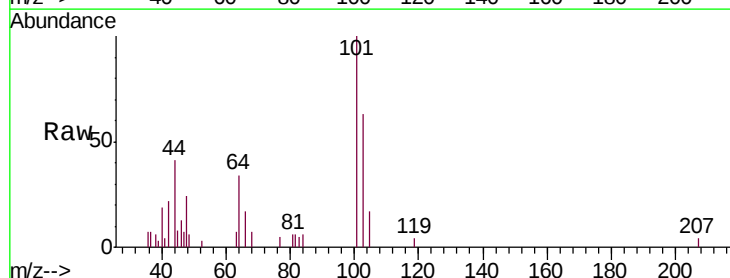
Acq: 29 Apr 2019 22:44

Tgt Ion: 101 Resp: 3871

Ion Ratio Lower Upper

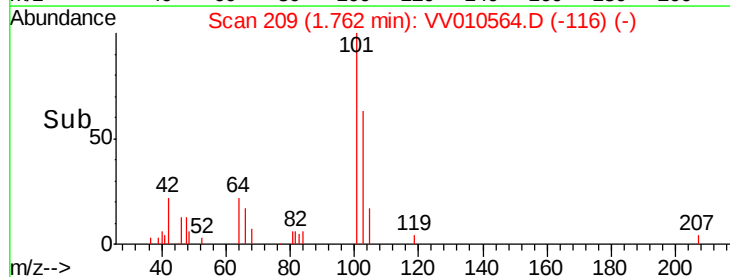
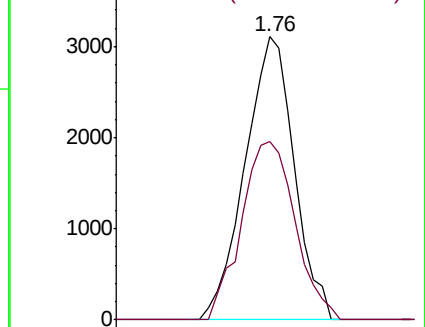
101 100

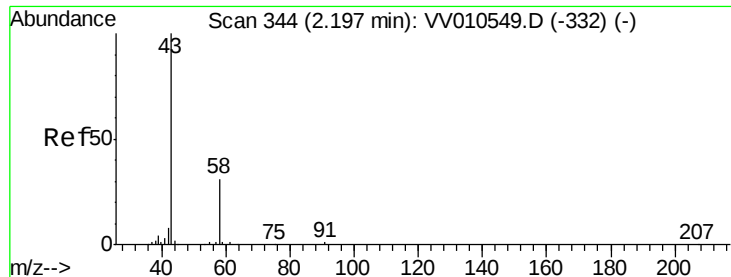
103 69.0 50.5 75.7



Abundance Ion 101.00 (100.70 to 101.70): VV010549.D (-198) (-)

Ion 103.00 (102.70 to 103.70): VV010549.D (-198) (-)





#13

Acetone

Concen: 13.977 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV010564.D

Acq: 29 Apr 2019 22:44

Instrument :

MSVOA_V

ClientSampleId :

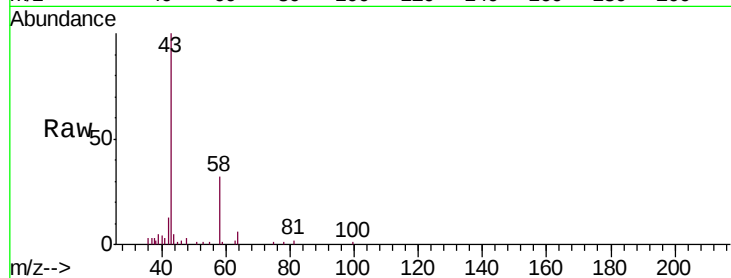
C0X88

Tgt Ion: 43 Resp: 19155

Ion Ratio Lower Upper

43 100

58 30.7 0.0 57.4



Abundance Ion 43.05 (42.75 to 43.75): VV010549.D (-332) (-)

Ion 58.05 (57.75 to 58.75): VV010549.D (-332) (-)

2.19

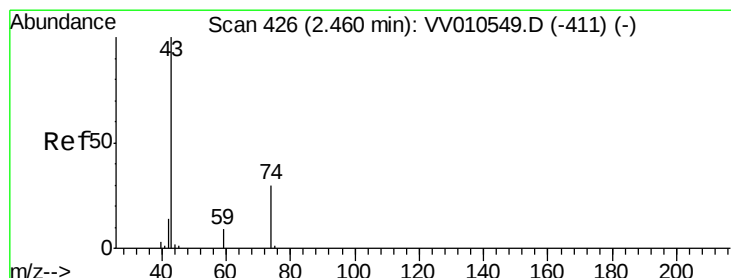
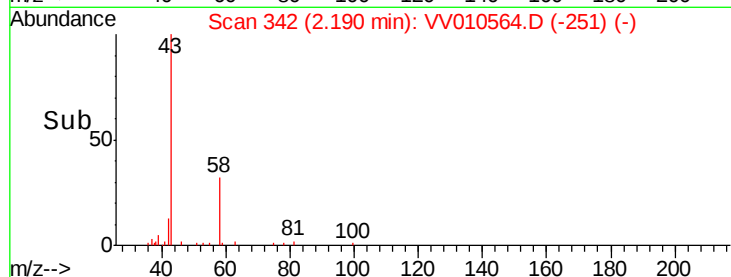
15000

10000

5000

0

Time--> 2.10 2.15 2.20 2.25 2.30



#15

Methyl Acetate

Concen: 0.569 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.14 min

Lab File: VV010564.D

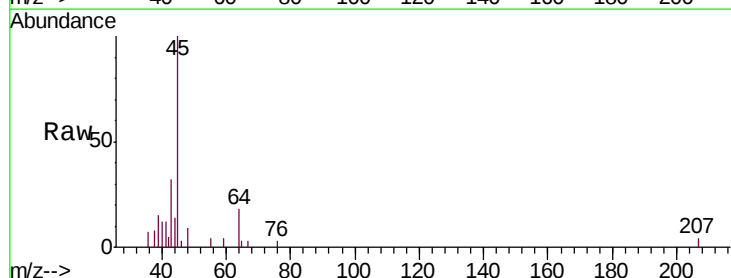
Acq: 29 Apr 2019 22:44

Tgt Ion: 43 Resp: 2586

Ion Ratio Lower Upper

43 100

74 0.0 24.2 36.2#



Abundance Ion 43.05 (42.75 to 43.75): VV010549.D (-411) (-)

Ion 74.05 (73.75 to 74.75): VV010549.D (-411) (-)

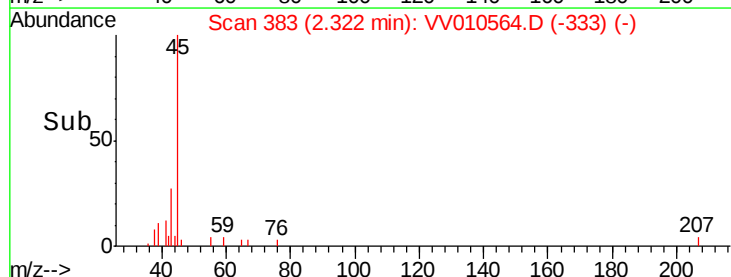
2.32

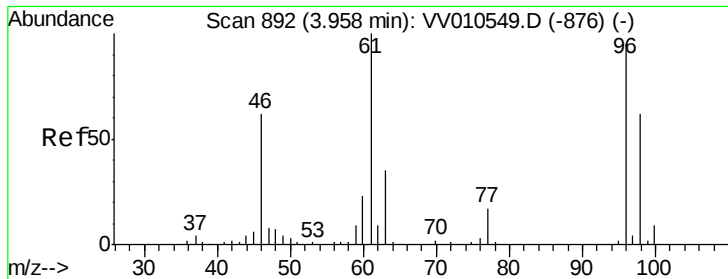
1000

500

0

Time--> 2.25 2.30 2.35



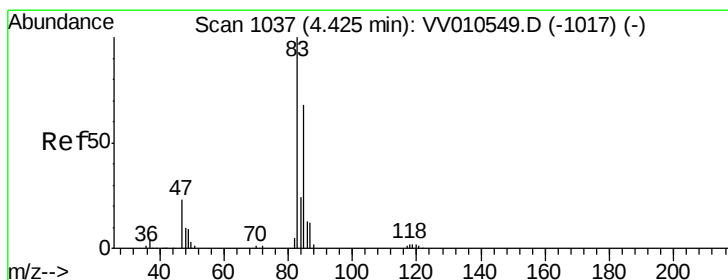
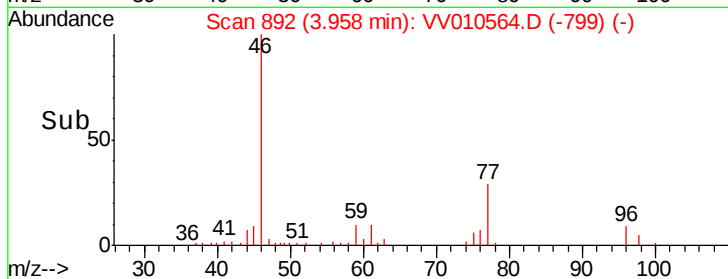
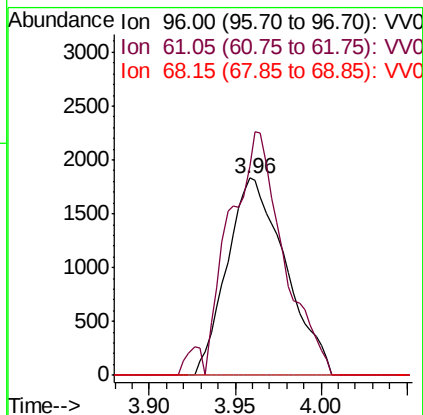
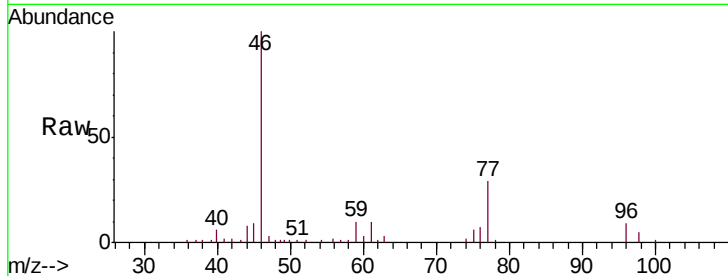


#22

cis-1,2-Dichloroethene
 Concen: 0.266 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: VV010564.D
 Acq: 29 Apr 2019 22:44

Instrument :
 MSVOA_V
 ClientSampleId :
 C0X88

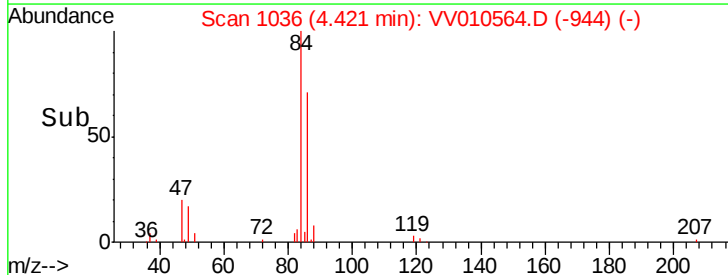
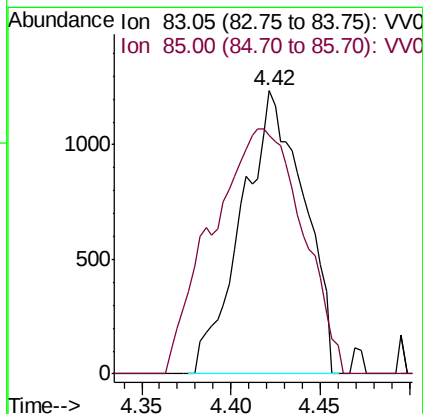
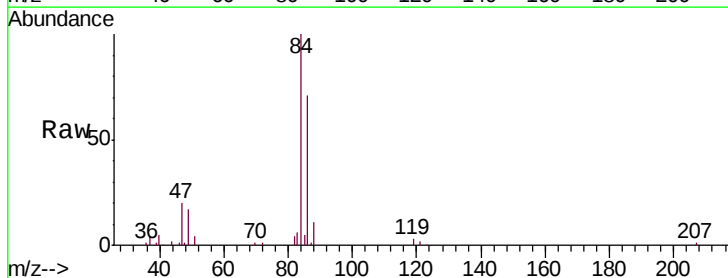
Tgt Ion: 96 Resp: 4337
 Ion Ratio Lower Upper
 96 100
 61 106.4 79.9 148.3
 68 0.0 0.0 0.0

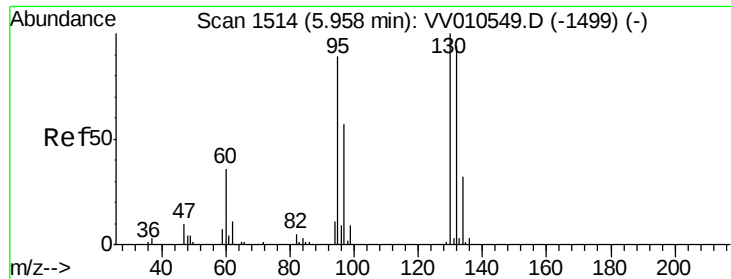


#25

Chloroform
 Concen: 0.106 ug/L
 RT: 4.42 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VV010564.D
 Acq: 29 Apr 2019 22:44

Tgt Ion: 83 Resp: 3002
 Ion Ratio Lower Upper
 83 100
 85 84.2 43.6 81.0#

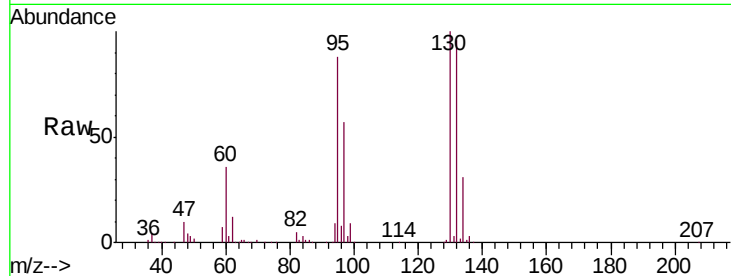




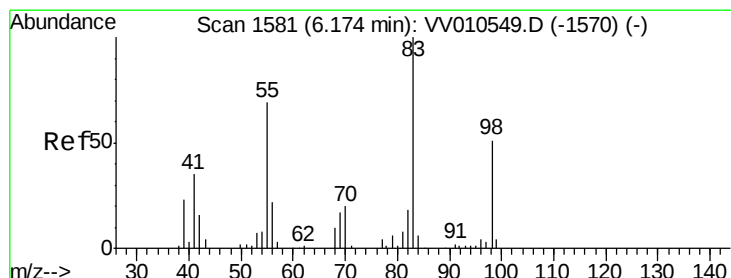
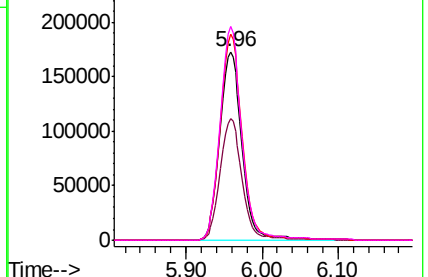
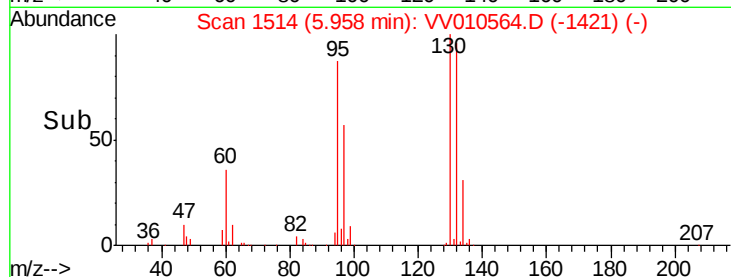
#34
 Trichloroethene
 Concen: 21.589 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: VV010564.D
 Acq: 29 Apr 2019 22:44

Instrument :
 MSVOA_V
 ClientSampleId :
 C0X88

Tgt Ion: 95 Resp: 353248
 Ion Ratio Lower Upper
 95 100
 97 64.8 43.3 80.5
 132 109.3 74.1 137.5
 130 113.5 79.5 147.6

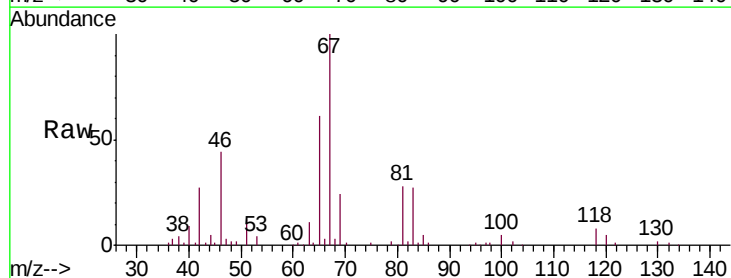


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

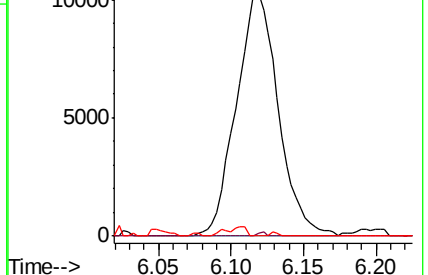
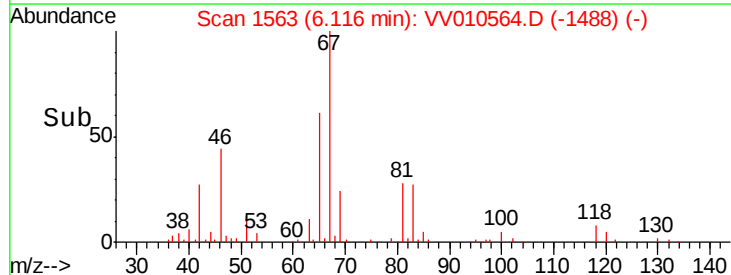


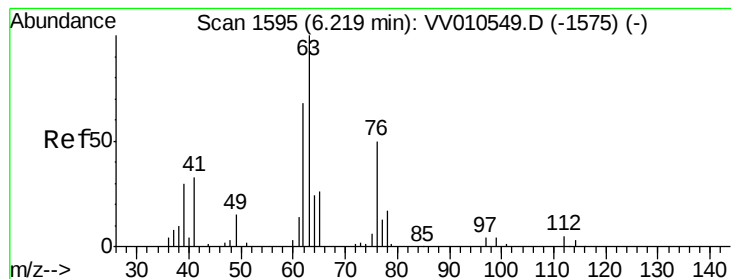
#35
 Methylcyclohexane
 Concen: 0.975 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.06 min
 Lab File: VV010564.D
 Acq: 29 Apr 2019 22:44

Tgt Ion: 83 Resp: 20701
 Ion Ratio Lower Upper
 83 100
 55 0.3 58.0 87.0#
 98 1.8 40.4 60.6#



Abundance Ion 83.15 (82.85 to 83.85): VV0
 Ion 55.10 (54.80 to 55.80): VV0
 Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.653 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV010564.D

Acq: 29 Apr 2019 22:44

Instrument :

MSVOA_V

ClientSampleId :

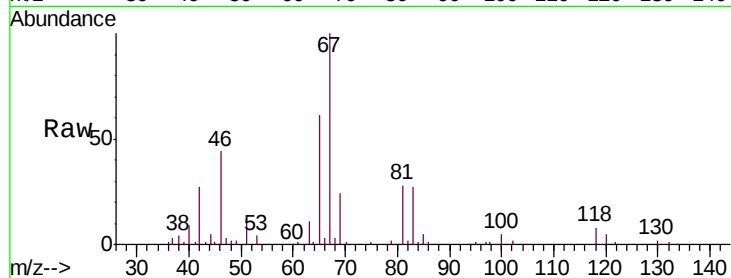
C0X88

Tgt Ion: 63 Resp: 8464

Ion Ratio Lower Upper

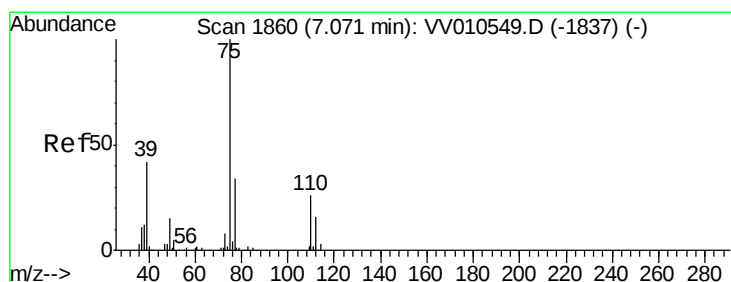
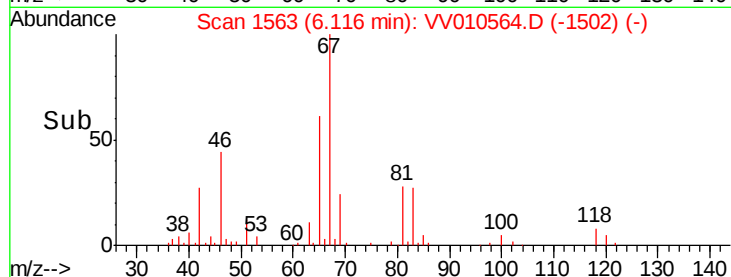
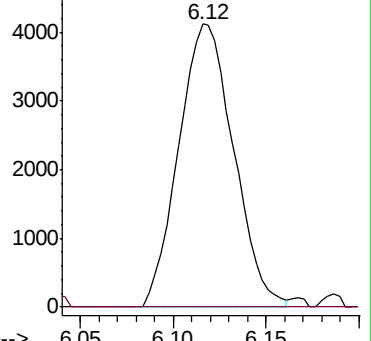
63 100

112 1.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV010549.D (-1575) (-)

Ion 112.10 (111.80 to 112.80): VV010549.D (-1575) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV010564.D

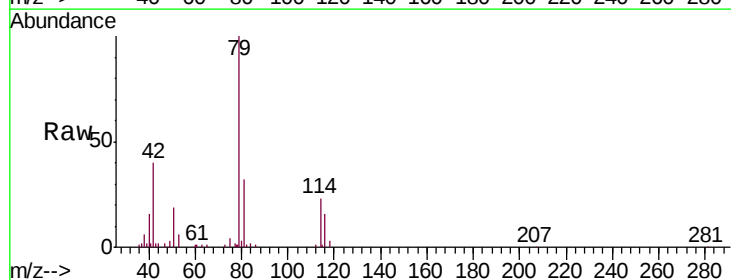
Acq: 29 Apr 2019 22:44

Tgt Ion: 75 Resp: 1903

Ion Ratio Lower Upper

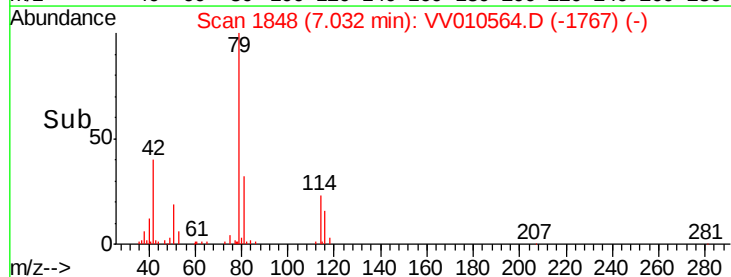
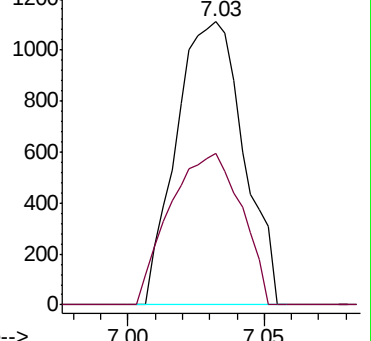
75 100

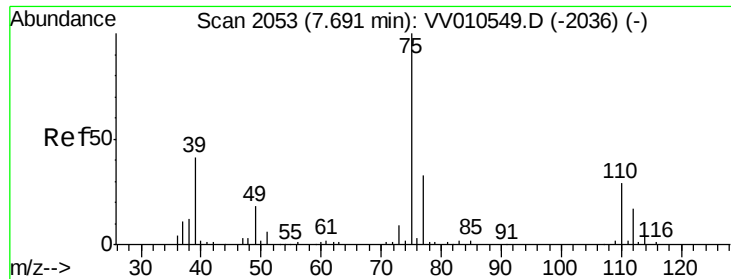
77 53.4 21.6 40.0#



Abundance Ion 75.05 (74.75 to 75.75): VV010549.D (-1837) (-)

Ion 77.05 (76.75 to 77.75): VV010549.D (-1837) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV010564.D

Acq: 29 Apr 2019 22:44

Instrument :

MSVOA_V

ClientSampleId :

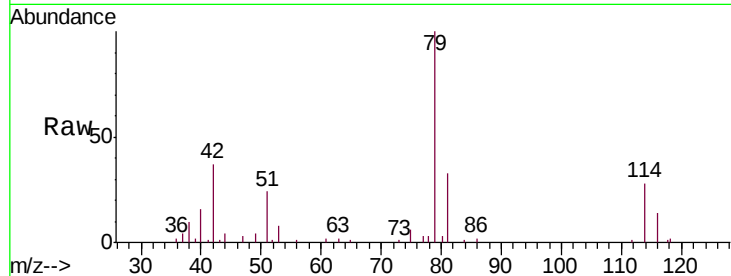
C0X88

Tgt Ion: 75 Resp: 1390

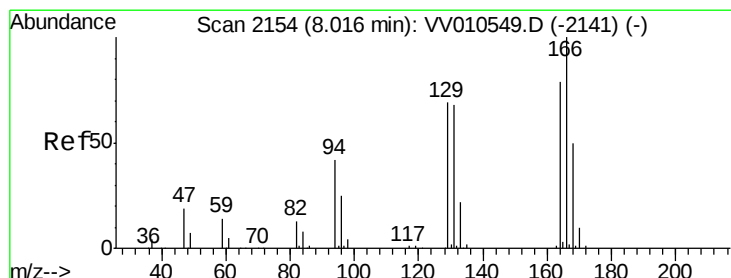
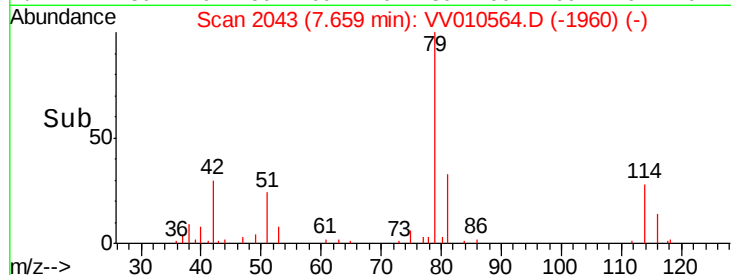
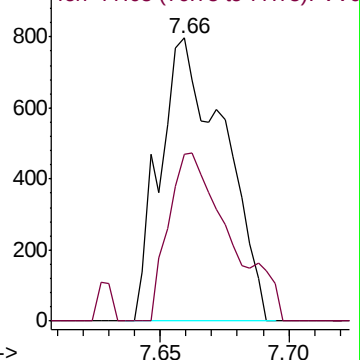
Ion Ratio Lower Upper

75 100

77 59.1 23.0 42.6#



Abundance Ion 75.05 (74.75 to 75.75): VV010549.D (-2036) (-)



#47

Tetrachloroethene

Concen: 1.820 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV010564.D

Acq: 29 Apr 2019 22:44

Tgt Ion: 164 Resp: 27814

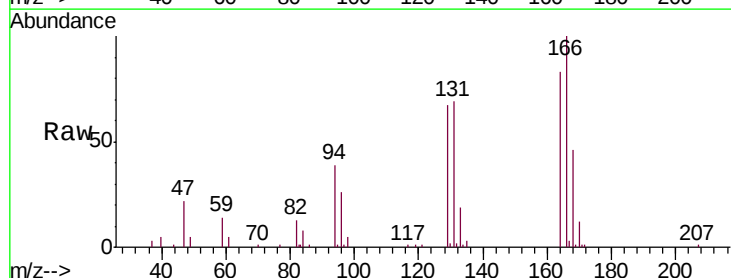
Ion Ratio Lower Upper

164 100

129 80.3 62.2 115.4

131 82.5 61.5 114.1

166 120.1 89.1 165.5

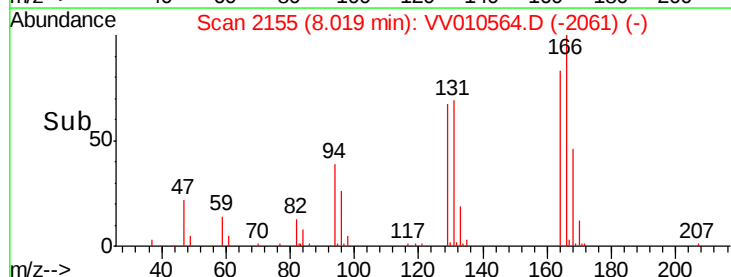
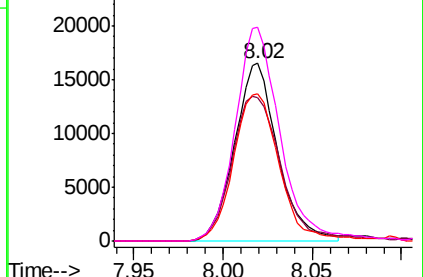


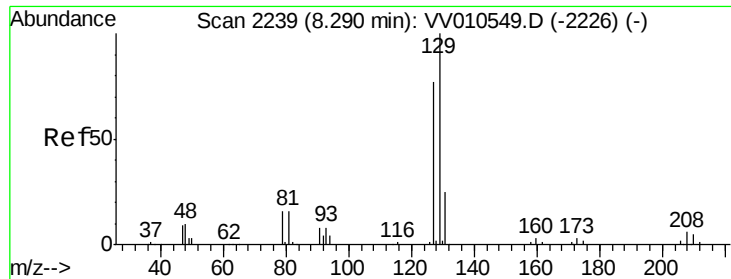
Abundance Ion 163.90 (163.60 to 164.60): VV010549.D (-2141) (-)

Ion 128.95 (128.65 to 129.65): VV010549.D (-2141) (-)

Ion 130.95 (130.65 to 131.65): VV010549.D (-2141) (-)

Ion 165.90 (165.60 to 166.60): VV010549.D (-2141) (-)





#49

Dibromochloromethane

Concen: 1.781 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.27 min

Lab File: VV010564.D

Acq: 29 Apr 2019 22:44

Instrument :

MSVOA_V

ClientSampleId :

C0X88

Tgt Ion:129 Resp: 24062

Ion Ratio Lower Upper

129 100

127 0.0 51.9 96.5#

