

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050820\
 Data File : VV015964.D
 Acq On : 08 May 2020 14:46
 Operator : SY/MD
 Sample : L2520-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 09 00:48:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 09 00:44:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	146282	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	144303	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	68040	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34632	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.58	69	34646	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.12	63	58010	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	3.93	46	117584	51.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.88%
24) Chloroform-d	4.38	84	82698	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.06	65	49213	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.08	84	165687	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.10	67	52859	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.34	98	149153	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
45) trans-1,3-Dichloropropene-	7.64	79	18043	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
48) 2-Hexanone-d5	8.12	63	85201	47.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.30%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	37210	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	57857	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

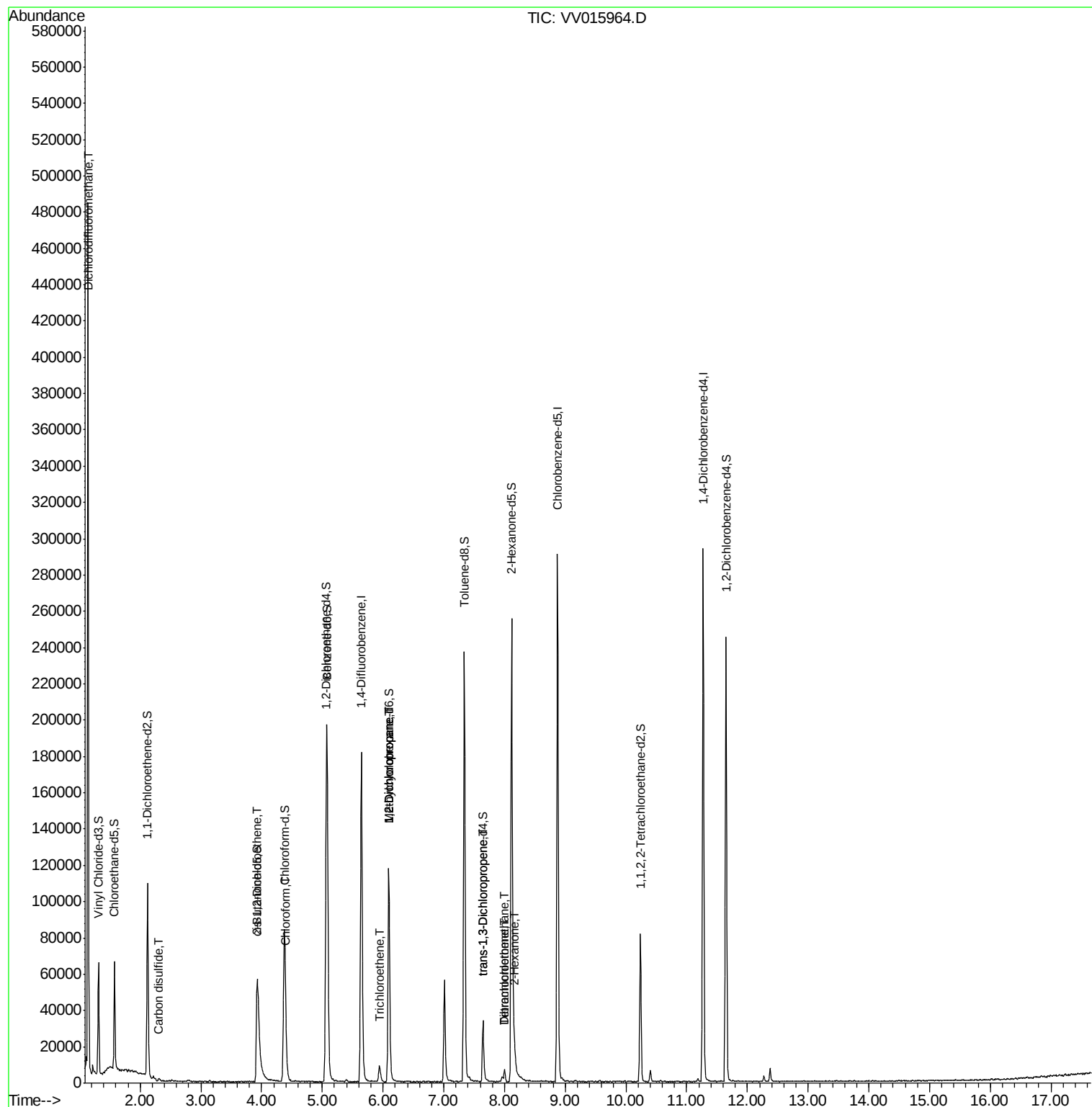
					Ovalue
2) Dichlorodifluoromethane	1.14	85	5012	0.447 ug/L	98
14) Carbon disulfide	2.31	76	1272	0.048 ug/L #	82
22) cis-1,2-Dichloroethene	3.94	96	997	0.107 ug/L	84
25) Chloroform	4.41	83	6460	0.342 ug/L	91
34) Trichloroethene	5.94	95	2650	0.256 ug/L	94
35) Methylcyclohexane	6.10	83	13297	0.848 ug/L #	16
37) 1,2-Dichloropropane	6.09	63	6493	0.704 ug/L #	87
46) trans-1,3-Dichloropropene	7.65	75	842	0.076 ug/L #	66
49) Tetrachloroethene	8.00	164	1329	0.184 ug/L	96
50) 2-Hexanone	8.17	43	5720	1.407 ug/L #	87
51) Dibromochloromethane	8.00	129	1319	0.191 ug/L #	9

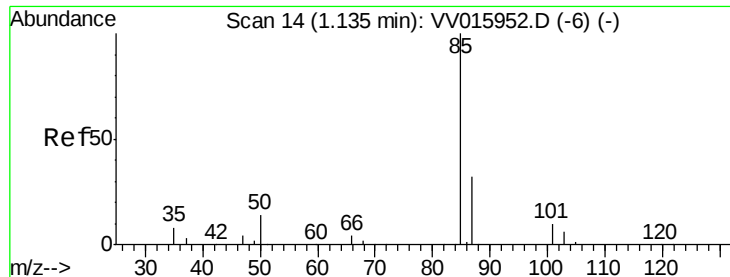
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 09 00:44:25 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.447 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.01 min

Lab File: VV015964.D

Acq: 08 May 2020 14:46

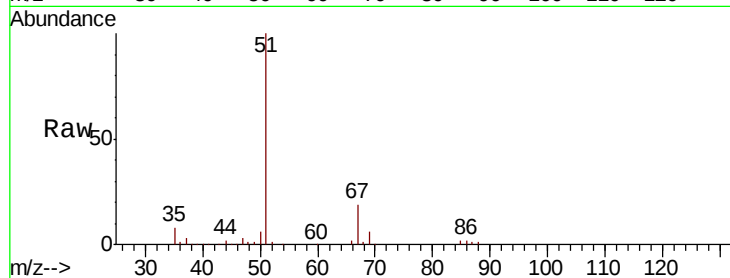
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 85 Resp: 5012

Ion Ratio Lower Upper

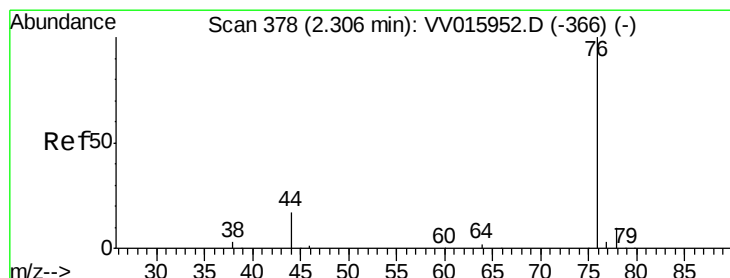
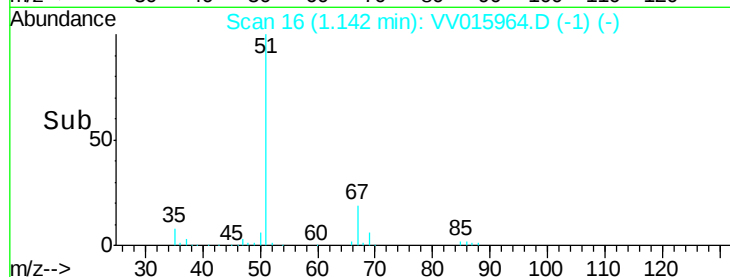
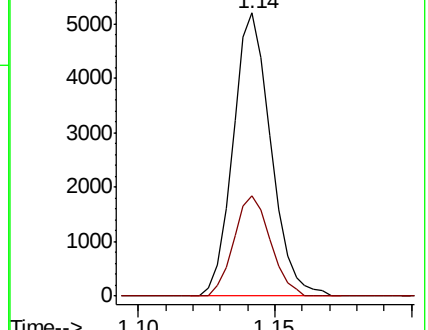
85 100

87 34.3 26.4 39.6



Abundance Ion 85.00 (84.70 to 85.70): VV015952.D (-6) (-)

Ion 87.00 (86.70 to 87.70): VV015952.D (-6) (-)



#14

Carbon disulfide

Concen: 0.048 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV015964.D

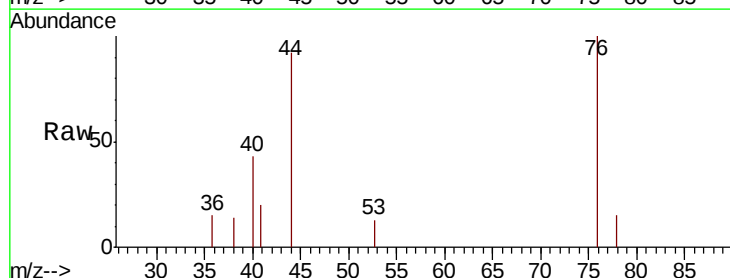
Acq: 08 May 2020 14:46

Tgt Ion: 76 Resp: 1272

Ion Ratio Lower Upper

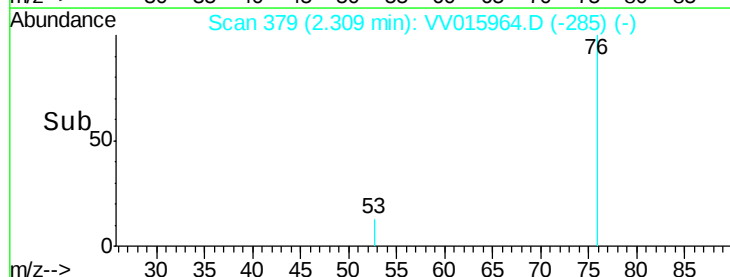
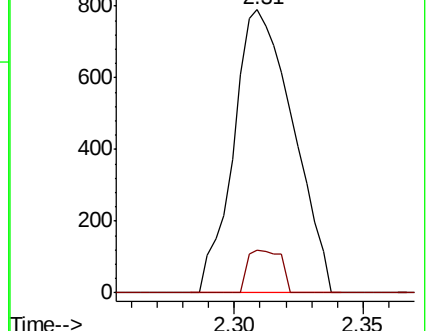
76 100

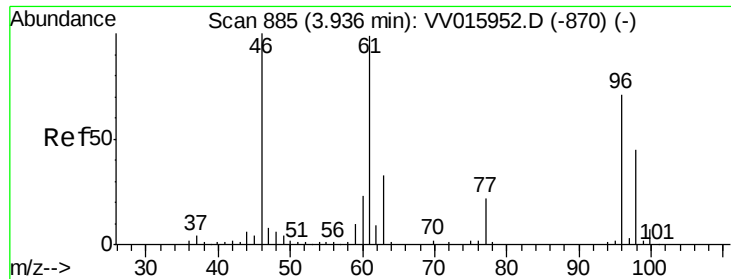
78 15.2 7.0 10.6#



Abundance Ion 76.05 (75.75 to 76.75): VV015952.D (-366) (-)

Ion 78.00 (77.70 to 78.70): VV015952.D (-366) (-)



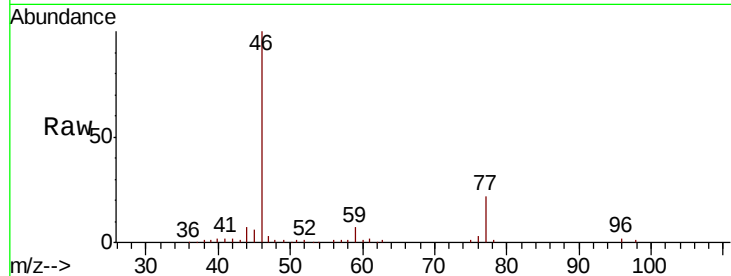


#22

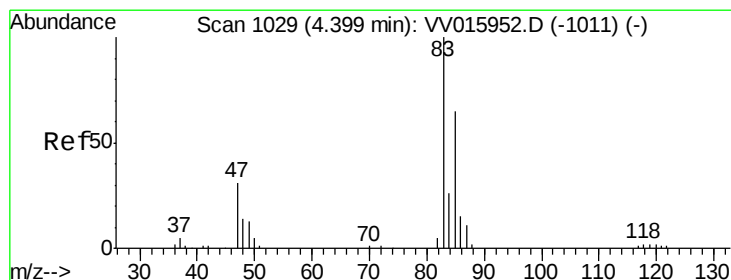
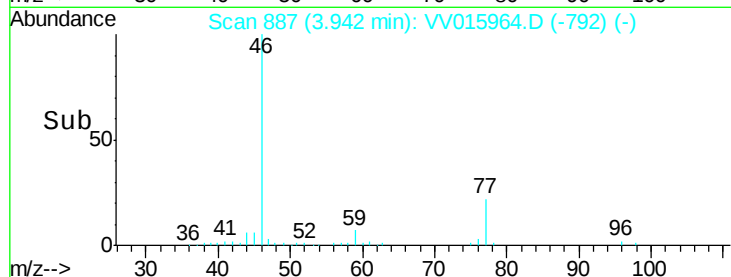
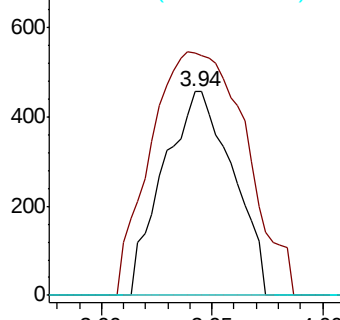
cis-1,2-Dichloroethene
 Concen: 0.107 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV015964.D
 Acq: 08 May 2020 14:46

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 96 Resp: 997
 Ion Ratio Lower Upper
 96 100
 61 119.1 97.2 180.6
 68 0.0 0.0 0.0



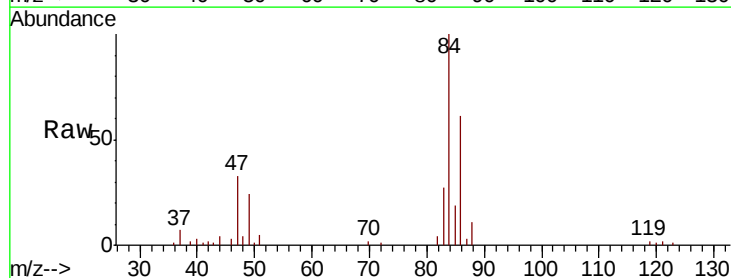
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



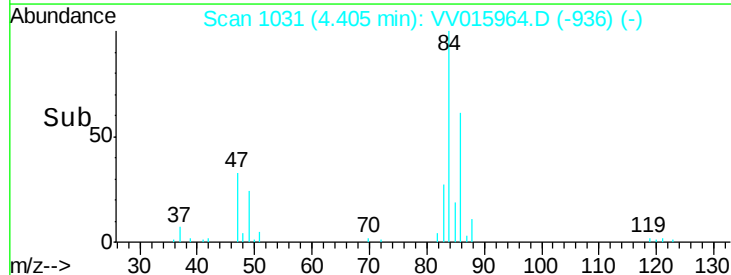
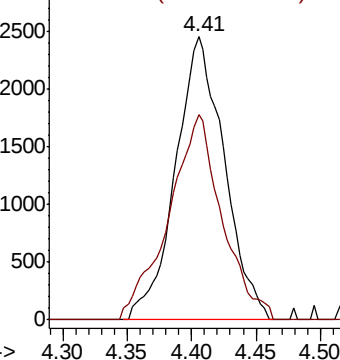
#25

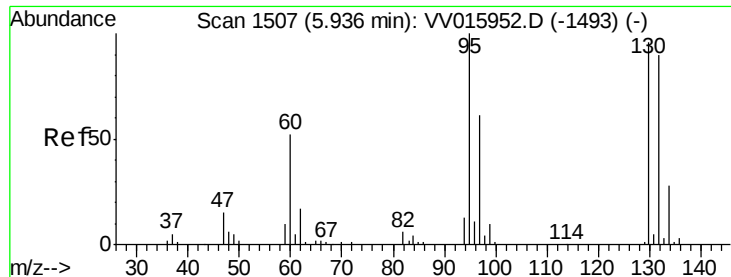
Chloroform
 Concen: 0.342 ug/L
 RT: 4.41 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VV015964.D
 Acq: 08 May 2020 14:46

Tgt Ion: 83 Resp: 6460
 Ion Ratio Lower Upper
 83 100
 85 72.6 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV0
 Ion 85.00 (84.70 to 85.70): VV0

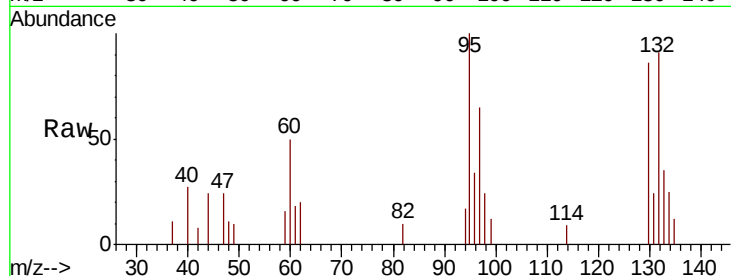




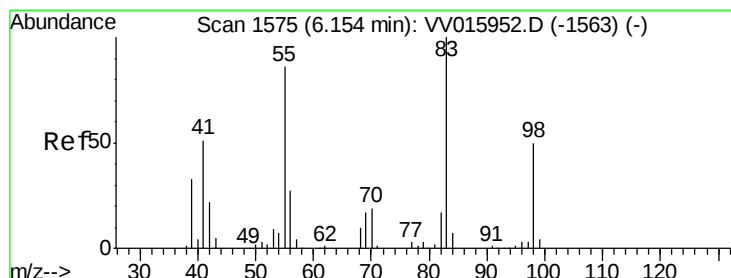
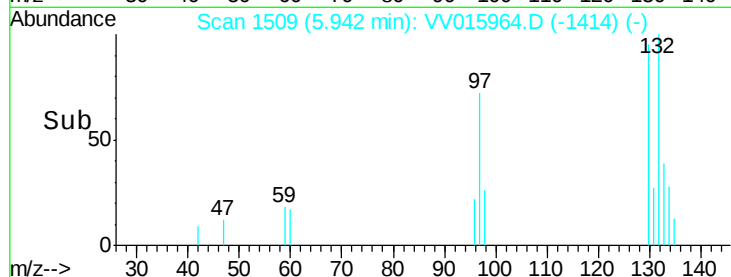
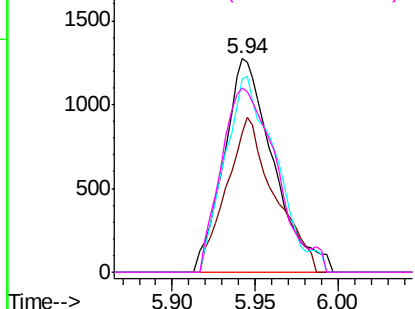
#34
 Trichloroethene
 Concen: 0.256 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV015964.D
 Acq: 08 May 2020 14:46

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 95 Resp: 2650
 Ion Ratio Lower Upper
 95 100
 97 65.5 43.3 80.5
 132 90.6 60.3 112.1
 130 86.3 66.0 122.6

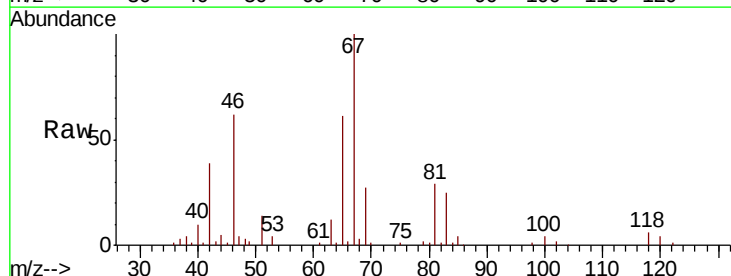


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

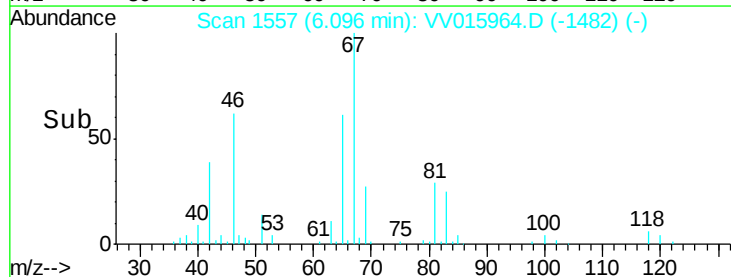
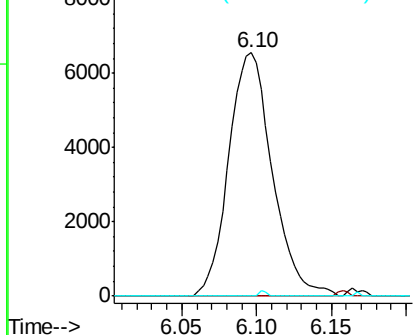


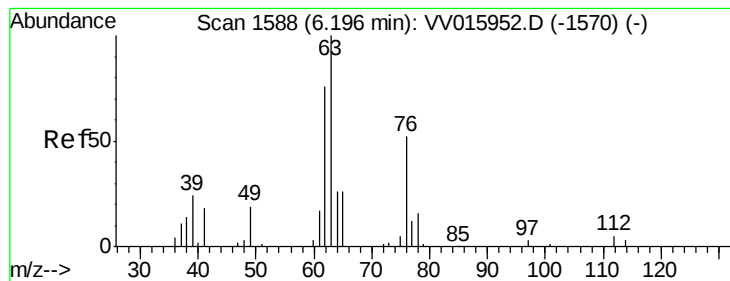
#35
 Methylcyclohexane
 Concen: 0.848 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.06 min
 Lab File: VV015964.D
 Acq: 08 May 2020 14:46

Tgt Ion: 83 Resp: 13297
 Ion Ratio Lower Upper
 83 100
 55 0.0 66.2 99.2#
 98 0.4 37.9 56.9#



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: 0.704 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV015964.D

Acq: 08 May 2020 14:46

Instrument :

MSVOA_V

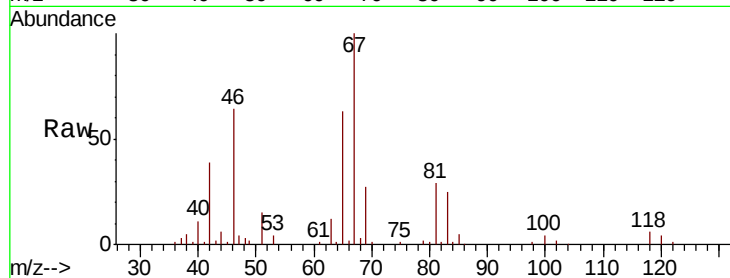
ClientSampleId :

Tot Ion: 63 Resp: 6493

Ion Ratio Lower Upper

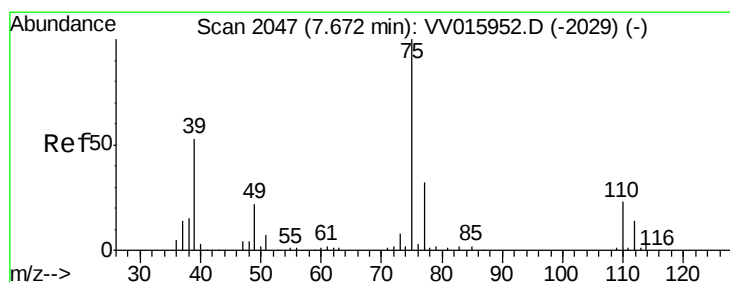
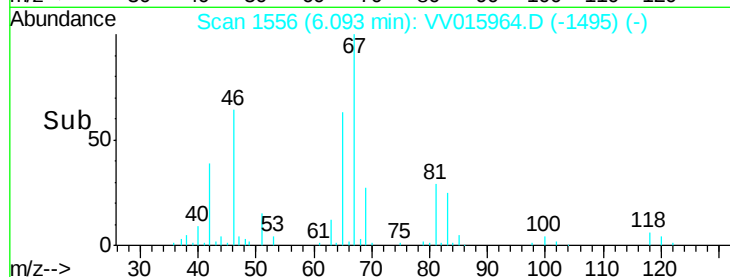
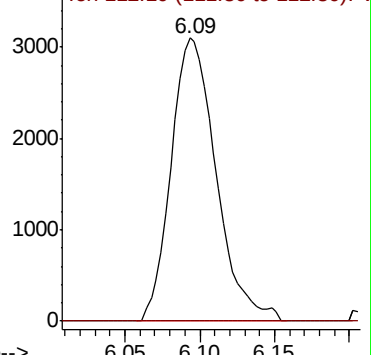
63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V



#46

trans-1,3-Dichloropropene

Concen: 0.076 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV015964.D

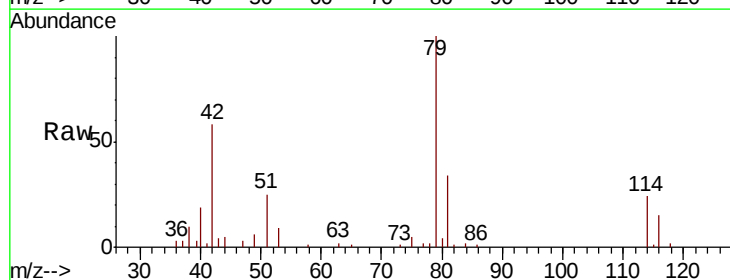
Acq: 08 May 2020 14:46

Tgt Ion: 75 Resp: 842

Ion Ratio Lower Upper

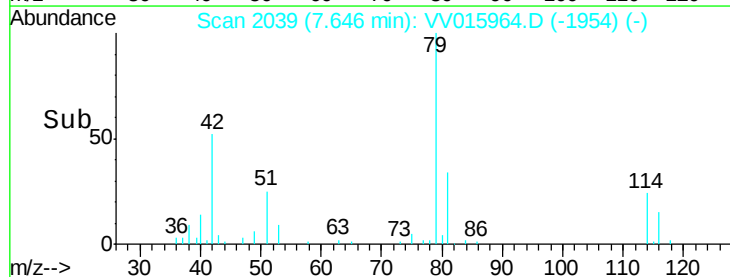
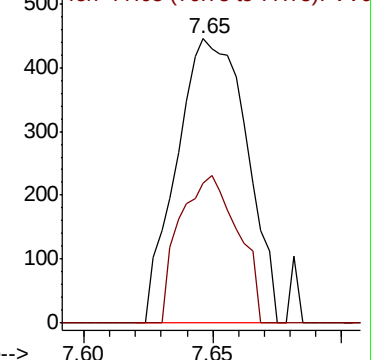
75 100

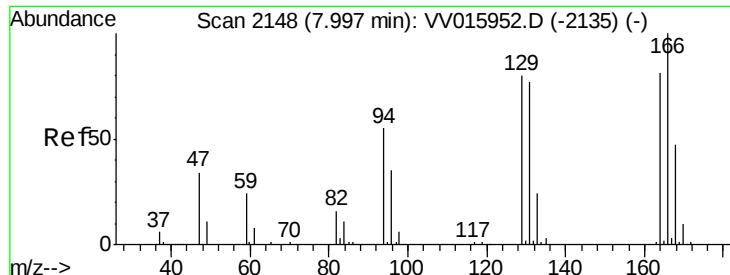
77 48.9 21.3 39.6#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#49

Tetrachloroethene

Concen: 0.184 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV015964.D

Acq: 08 May 2020 14:46

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:164 Resp: 1329

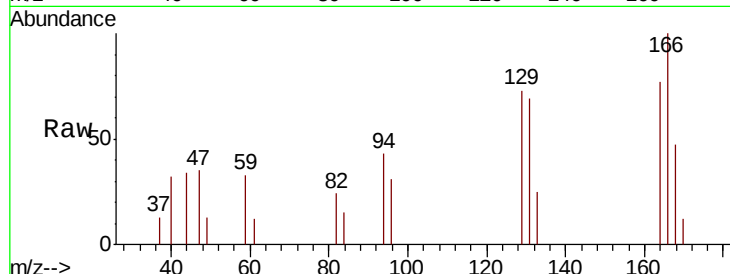
Ion Ratio Lower Upper

164 100

129 95.3 69.7 129.4

131 89.3 66.8 124.2

166 129.7 89.1 165.5

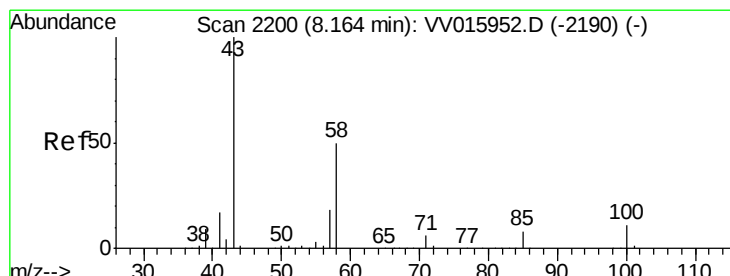
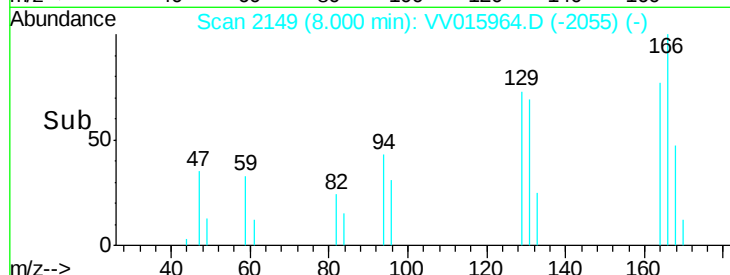
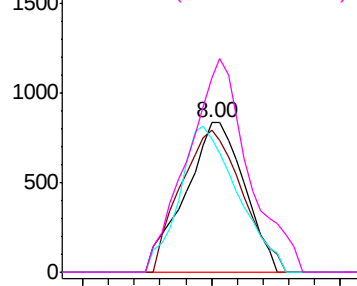


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#50

2-Hexanone

Concen: 1.407 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.00 min

Lab File: VV015964.D

Acq: 08 May 2020 14:46

Tgt Ion: 43 Resp: 5720

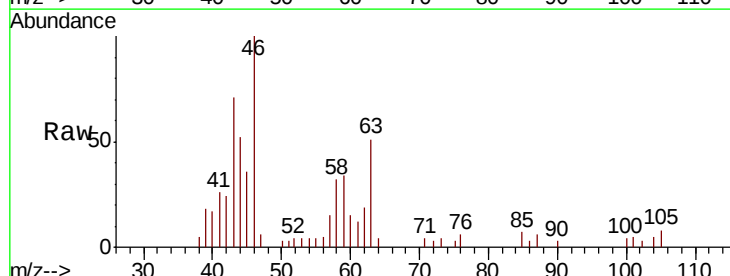
Ion Ratio Lower Upper

43 100

58 41.1 40.8 61.2

57 17.3 14.7 22.1

100 1.8 9.0 13.6#

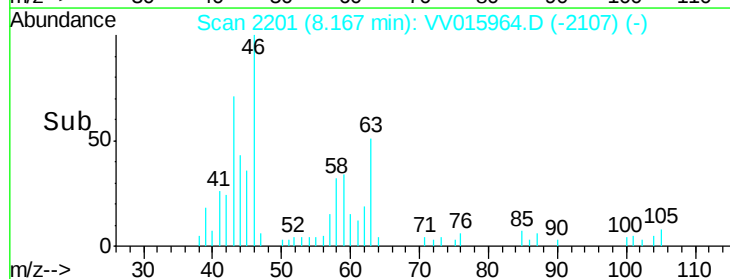
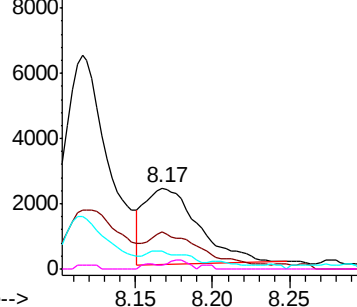


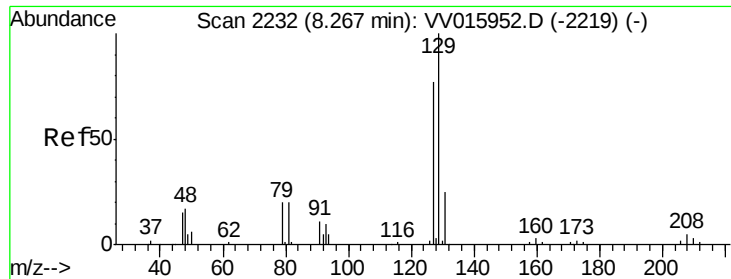
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0





#51

Dibromochloromethane

Concen: 0.191 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. -0.27 min

Lab File: VV015964.D

Acq: 08 May 2020 14:46

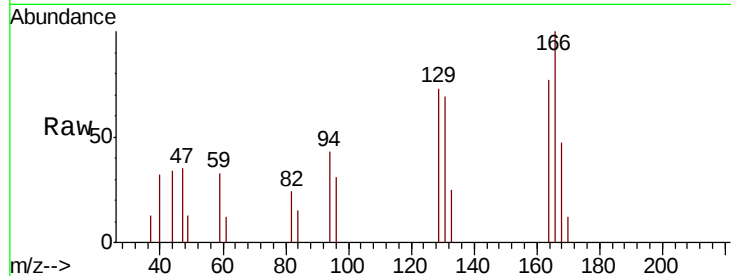
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:129 Resp: 1319

Ion Ratio Lower Upper

129 100

127 0.0 56.0 104.0#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

