

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102920\
 Data File : VV019171.D
 Acq On : 30 Oct 2020 01:57
 Operator : SY/MD
 Sample : L4502-21ME 4X
 Misc : 5.65g/5.0ml/100uL/5.0ml/MSVOA-V/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG444ME

Quant Time: Oct 30 05:47:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 30 05:31:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	231185	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	226206	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	118536	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81063	44.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.24%
7) Chloroethane-d5	1.58	69	66352	46.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.98%
11) 1,1-Dichloroethene-d2	2.12	63	123465	35.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.66%
21) 2-Butanone-d5	3.91	46	110918	98.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.57%
24) Chloroform-d	4.37	84	162608	47.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.16%
26) 1,2-Dichloroethane-d4	5.05	65	120585	50.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.28%
32) Benzene-d6	5.07	84	311532	48.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.10%
36) 1,2-Dichloropropane-d6	6.09	67	94938	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.24%
41) Toluene-d8	7.34	98	290513	47.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.26%
43) trans-1,3-Dichloropropene-	7.64	79	50403	45.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.06%
47) 2-Hexanone-d5	8.11	63	82617	99.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.71%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	125257	48.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.10%
64) 1,2-Dichlorobenzene-d4	11.65	152	127495	51.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.38%

Target Compounds

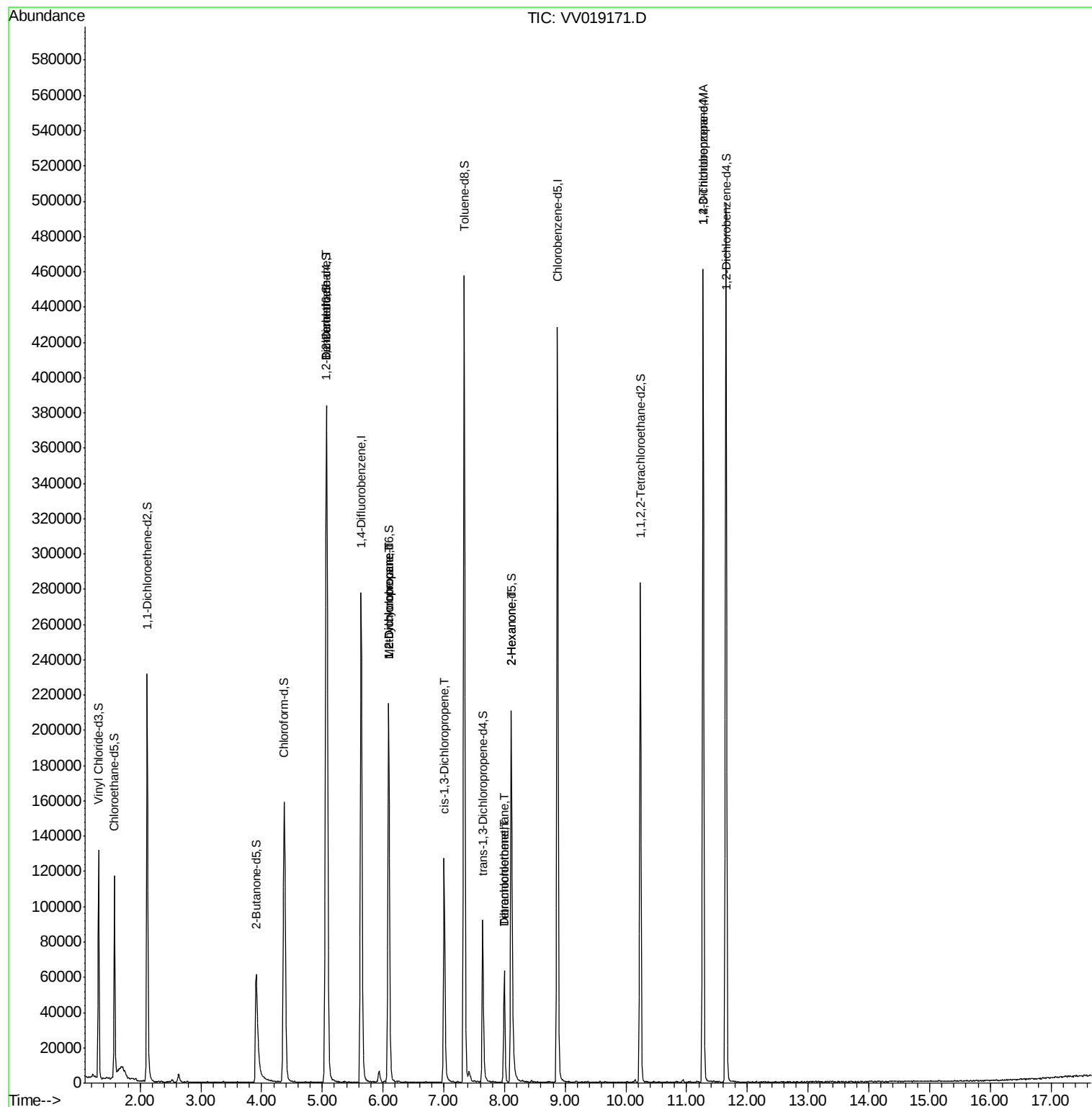
					Ovalue
27) 1,2-Dichloroethane	5.07	62	2422	0.887 ug/L #	76
35) Methylcyclohexane	6.09	83	25245	10.466 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	12074	7.455 ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	3462	1.294 ug/L #	79
46) Tetrachloroethene	8.00	164	14069	9.222 ug/L	96
48) 2-Hexanone	8.11	43	11063	6.229 ug/L #	65
49) Dibromochloromethane	8.00	129	12282	6.245 ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	13119	6.196 ug/L	90

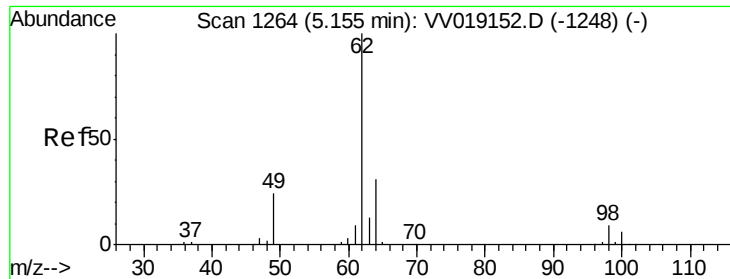
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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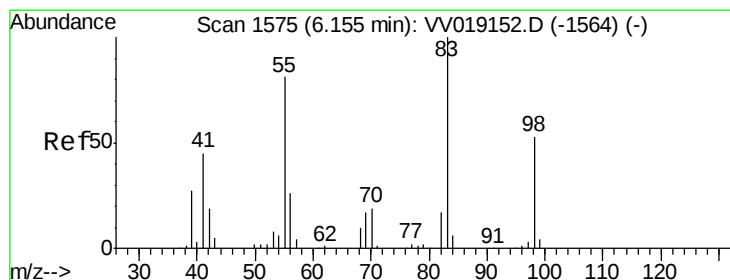
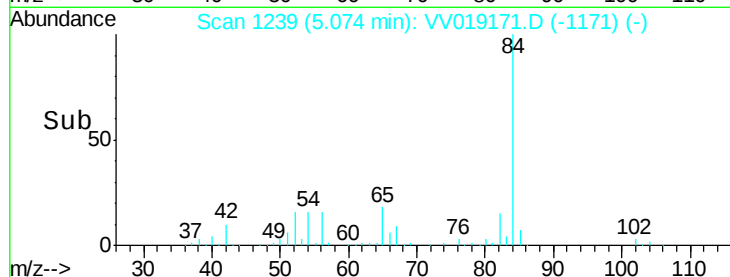
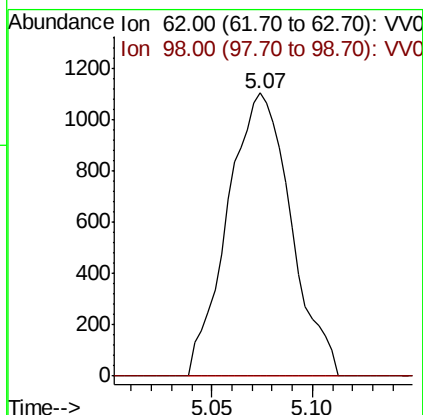
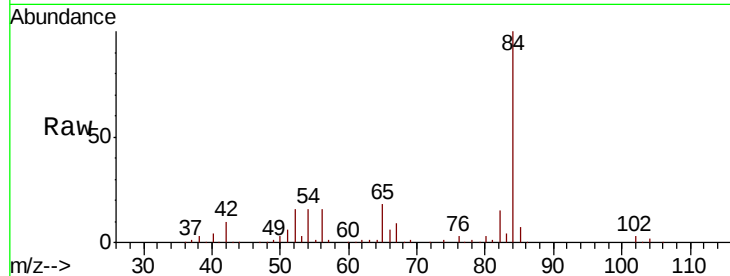




#27
 1,2-Dichloroethane
 Concen: 0.887 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV019171.D
 Acq: 30 Oct 2020 01:57

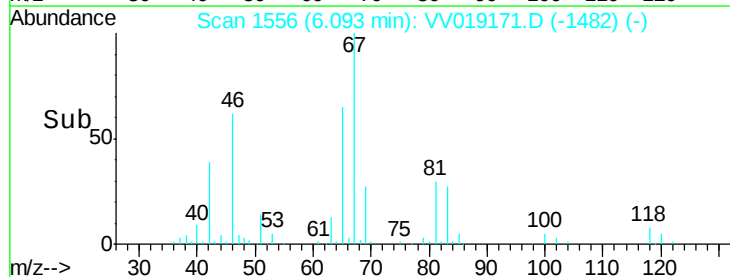
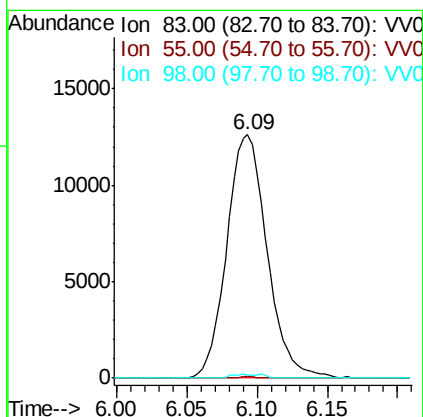
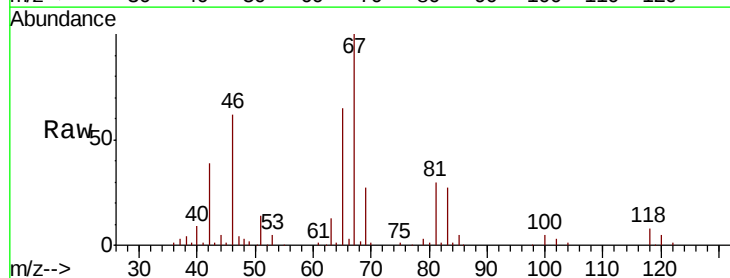
Instrument :
 MSVOA_V
 ClientSampleId :
 BG444ME

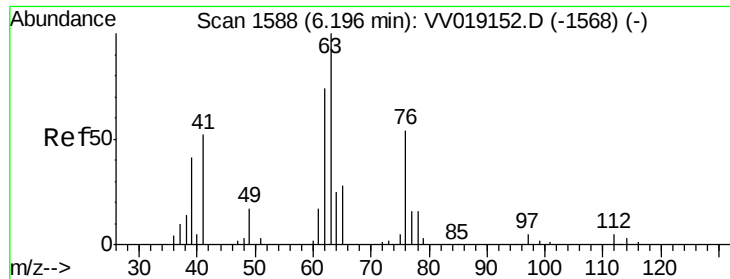
Tot Ion: 62 Resp: 2422
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.8 10.2#



#35
 Methylcyclohexane
 Concen: 10.466 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV019171.D
 Acq: 30 Oct 2020 01:57

Tgt Ion: 83 Resp: 25245
 Ion Ratio Lower Upper
 83 100
 55 0.3 62.2 93.4#
 98 0.8 39.4 59.2#

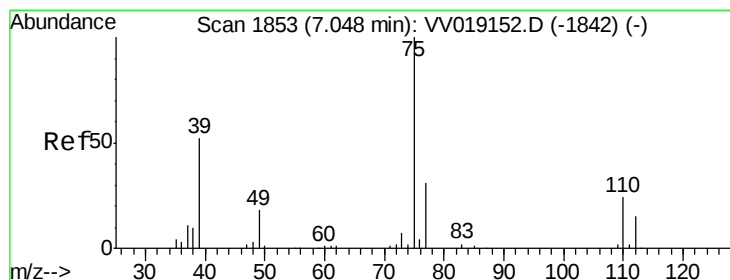
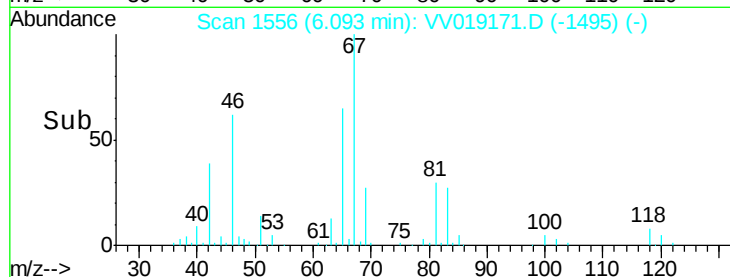
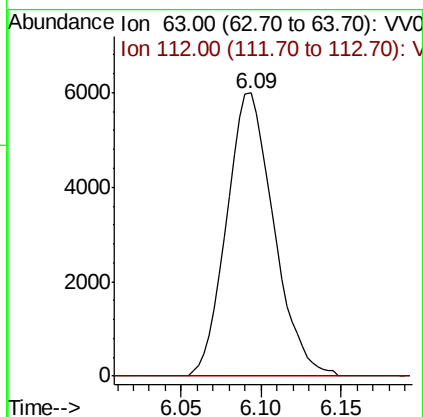
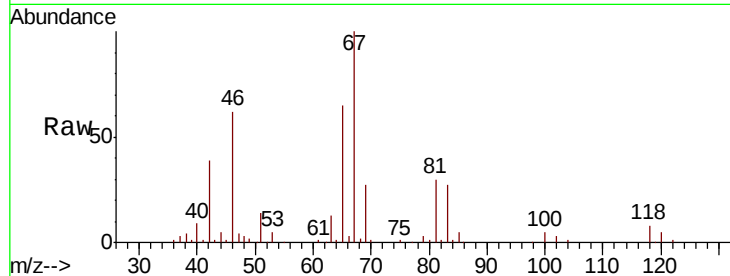




#37
 1,2-Dichloropropane
 Concen: 7.455 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV019171.D
 Acq: 30 Oct 2020 01:57

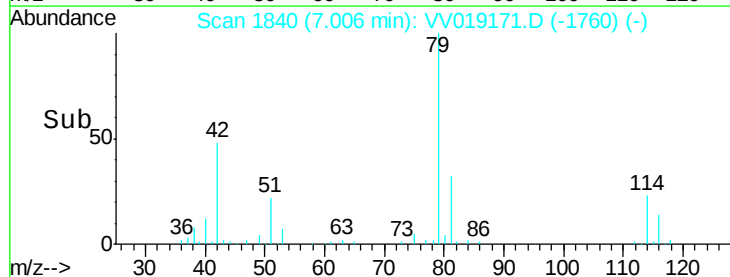
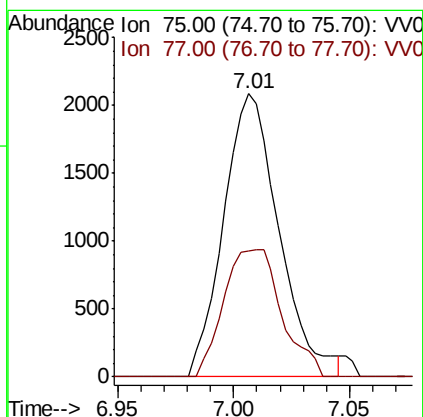
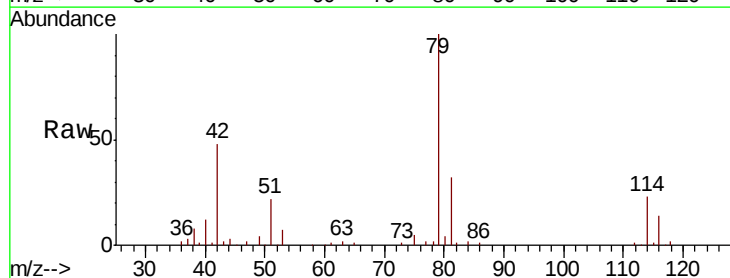
Instrument :
 MSVOA_V
 ClientSampleId :
 BG444ME

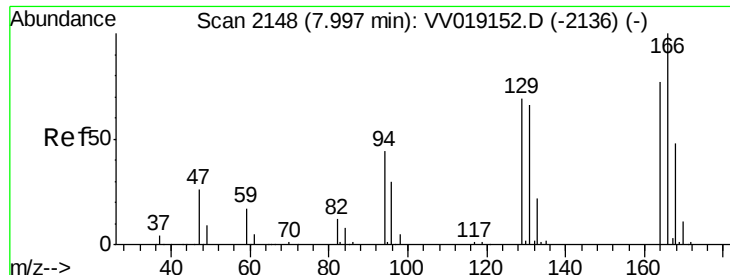
Tot Ion: 63 Resp: 12074
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 1.294 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV019171.D
 Acq: 30 Oct 2020 01:57

Tgt Ion: 75 Resp: 3462
 Ion Ratio Lower Upper
 75 100
 77 44.4 22.7 42.1#

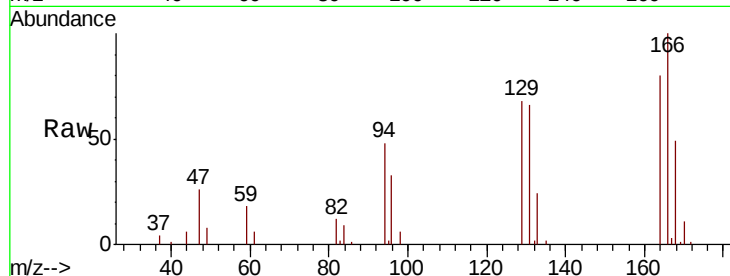




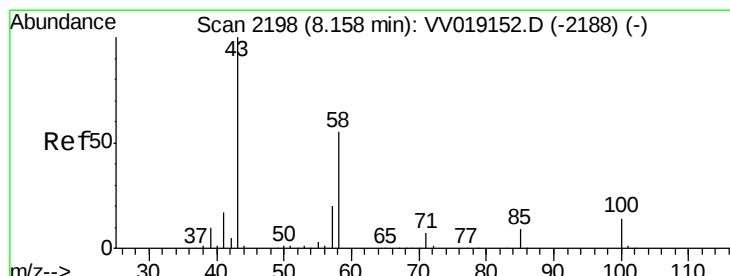
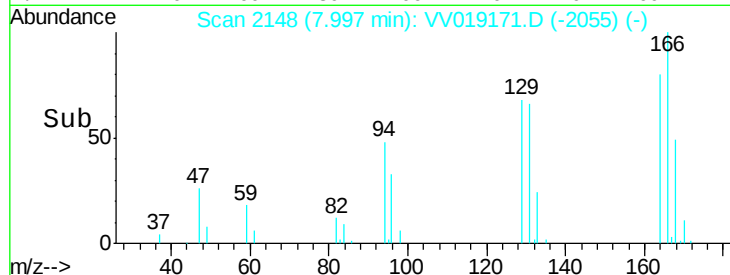
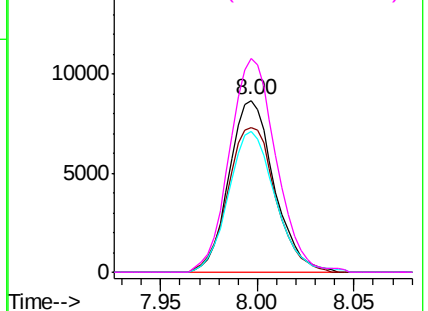
#46
Tetrachloroethene
Concen: 9.222 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.00 min
Lab File: VV019171.D
Acq: 30 Oct 2020 01:57

Instrument :
MSVOA_V
ClientSampleId :
BG444ME

Tot Ion:164 Resp: 14069
Ion Ratio Lower Upper
164 100
129 84.4 63.2 117.4
131 82.4 60.3 112.1
166 124.4 88.3 163.9

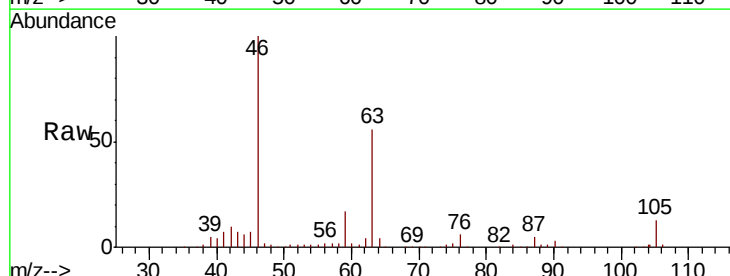


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

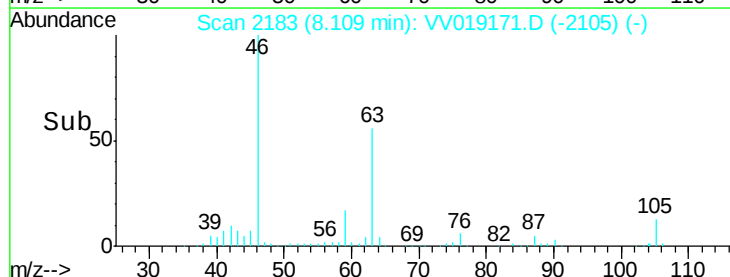
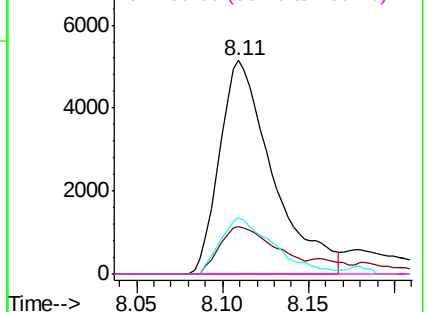


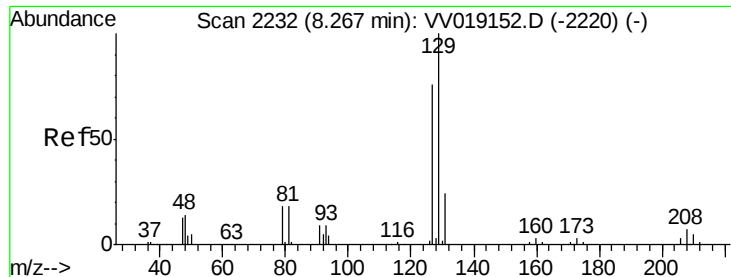
#48
2-Hexanone
Concen: 6.229 ug/L
RT: 8.11 min Scan# 2183
Delta R.T. -0.05 min
Lab File: VV019171.D
Acq: 30 Oct 2020 01:57

Tgt Ion: 43 Resp: 11063
Ion Ratio Lower Upper
43 100
58 23.4 43.6 65.4#
57 26.5 16.0 24.0#
100 0.0 10.3 15.5#



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0





#49

Dibromochloromethane

Concen: 6.245 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV019171.D

Acq: 30 Oct 2020 01:57

Instrument :

MSVOA_V

ClientSampled :

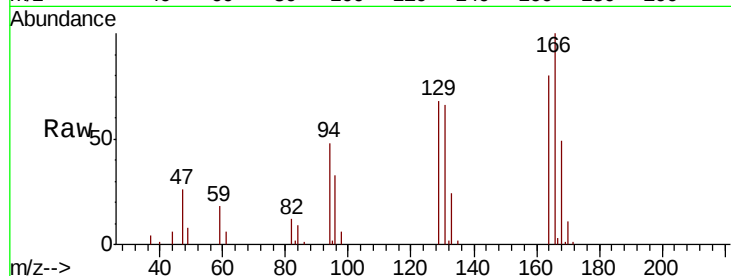
BG444ME

Tot Ion:129 Resp: 12282

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.5#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.00

6000

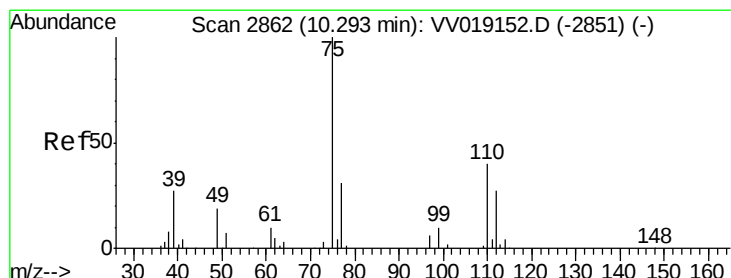
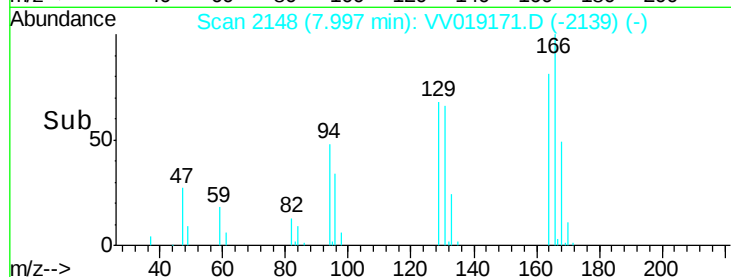
4000

2000

0

7.95 8.00 8.05

Time-->



#59

1,2,3-Trichloropropane

Concen: 6.196 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019171.D

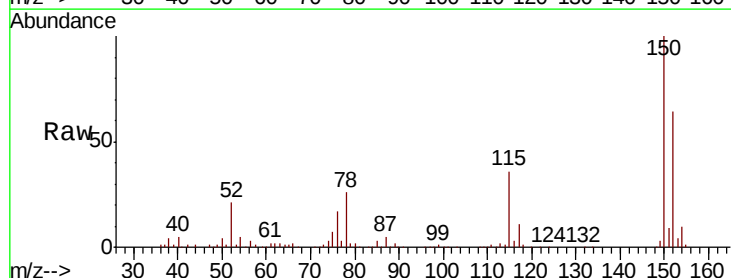
Acq: 30 Oct 2020 01:57

Tgt Ion: 75 Resp: 13119

Ion Ratio Lower Upper

75 100

77 38.6 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

10000

8000

6000

4000

2000

0

11.25 11.30

Time-->

