

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102920\
 Data File : VV019166.D
 Acq On : 29 Oct 2020 23:58
 Operator : SY/MD
 Sample : L4502-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 30 05:47:00 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	227030	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	222427	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	112461	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84013	46.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.14%
7) Chloroethane-d5	1.58	69	66815	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.34%
11) 1,1-Dichloroethene-d2	2.12	63	127552	37.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.32%
21) 2-Butanone-d5	3.91	46	111189	100.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.62%
24) Chloroform-d	4.38	84	161897	48.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.48%
26) 1,2-Dichloroethane-d4	5.06	65	117455	50.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.46%
32) Benzene-d6	5.07	84	311267	49.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.66%
36) 1,2-Dichloropropane-d6	6.09	67	92549	49.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.38%
41) Toluene-d8	7.34	98	287108	47.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.74%
43) trans-1,3-Dichloropropene-	7.64	79	50110	46.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.06%
47) 2-Hexanone-d5	8.11	63	77294	94.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.87%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	119903	47.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.54%
64) 1,2-Dichlorobenzene-d4	11.65	152	123683	52.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.70%

Target Compounds

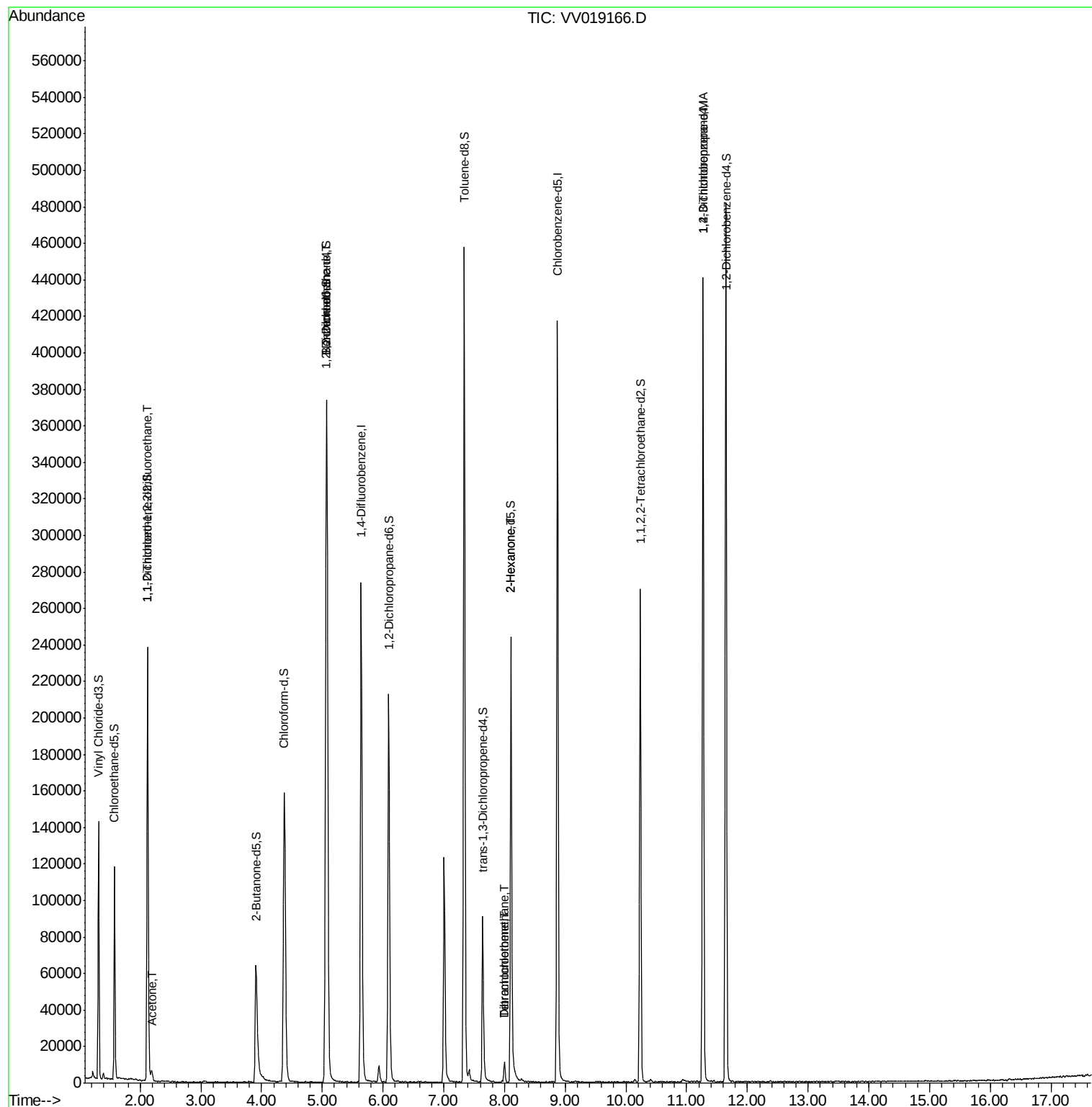
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1090	0.733 ug/L #	17
13) Acetone	2.19	43	7628	7.430 ug/L	92
27) 1,2-Dichloroethane	5.07	62	2243	0.837 ug/L #	76
46) Tetrachloroethene	8.00	164	2512	1.674 ug/L	92
48) 2-Hexanone	8.11	43	10434	5.975 ug/L #	72
49) Dibromochloromethane	8.00	129	2260	1.169 ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	12326	5.920 ug/L #	86

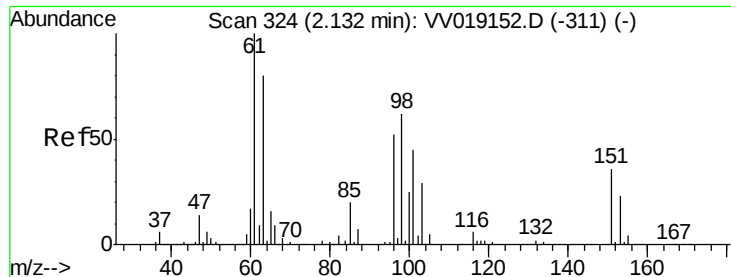
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Oct 30 05:31:22 2020
Response via : Initial Calibration





#10

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

Concen: 0.733 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019166.D

Acq: 29 Oct 2020 23:58

Instrument :

MSVOA_V

ClientSampleId :

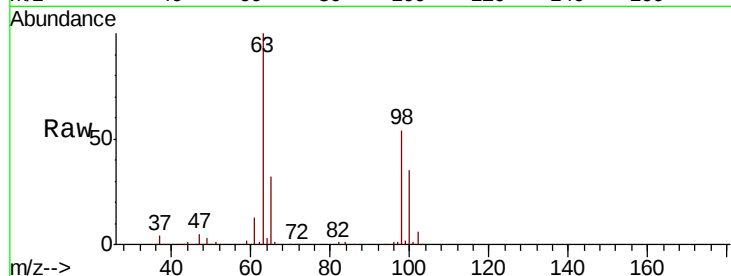
Tot Ion:101 Resp: 1090

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

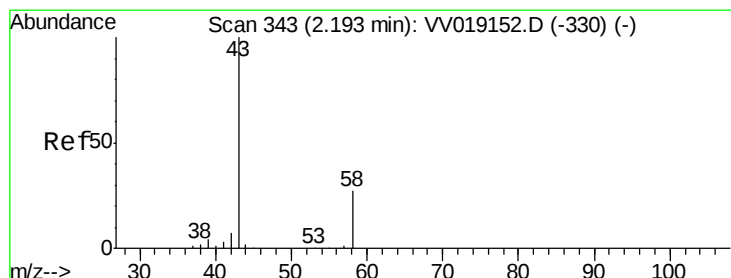
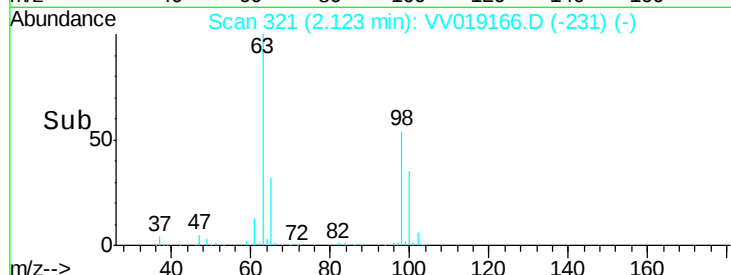
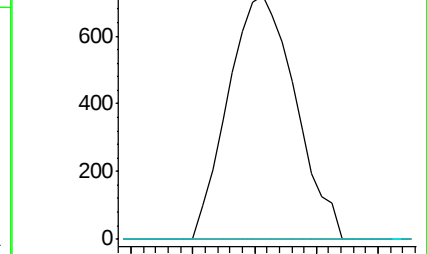
151 0.0 65.0 97.4#



Abundance Ion 101.00 (100.70 to 101.70): VV019166.D (-231) (-)

Ion 85.00 (84.70 to 85.70): VV019166.D (-231) (-)

Ion 151.00 (150.70 to 151.70): VV019166.D (-231) (-)



#13

Acetone

Concen: 7.430 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

Lab File: VV019166.D

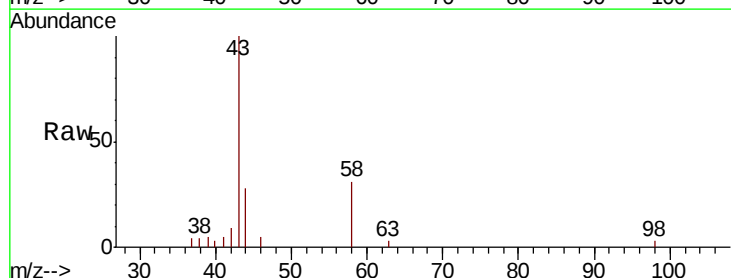
Acq: 29 Oct 2020 23:58

Tgt Ion: 43 Resp: 7628

Ion Ratio Lower Upper

43 100

58 25.5 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV019166.D (-250) (-)

Ion 58.00 (57.70 to 58.70): VV019166.D (-250) (-)

Ion 63.00 (62.70 to 63.70): VV019166.D (-250) (-)

Ion 98.00 (97.70 to 98.70): VV019166.D (-250) (-)

Ion 101.00 (100.70 to 101.70): VV019166.D (-250) (-)

Ion 151.00 (150.70 to 151.70): VV019166.D (-250) (-)

Ion 167.00 (166.70 to 167.70): VV019166.D (-250) (-)

Ion 183.00 (182.70 to 183.70): VV019166.D (-250) (-)

Ion 199.00 (198.70 to 199.70): VV019166.D (-250) (-)

Ion 215.00 (214.70 to 215.70): VV019166.D (-250) (-)

Ion 231.00 (230.70 to 231.70): VV019166.D (-250) (-)

Ion 247.00 (246.70 to 247.70): VV019166.D (-250) (-)

Ion 263.00 (262.70 to 263.70): VV019166.D (-250) (-)

Ion 279.00 (278.70 to 279.70): VV019166.D (-250) (-)

Ion 295.00 (294.70 to 295.70): VV019166.D (-250) (-)

Ion 311.00 (310.70 to 311.70): VV019166.D (-250) (-)

Ion 327.00 (326.70 to 327.70): VV019166.D (-250) (-)

Ion 343.00 (342.70 to 343.70): VV019166.D (-250) (-)

Ion 359.00 (358.70 to 359.70): VV019166.D (-250) (-)

Ion 375.00 (374.70 to 375.70): VV019166.D (-250) (-)

Ion 391.00 (390.70 to 391.70): VV019166.D (-250) (-)

Ion 407.00 (406.70 to 407.70): VV019166.D (-250) (-)

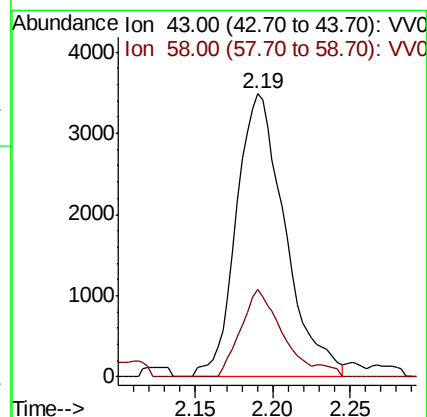
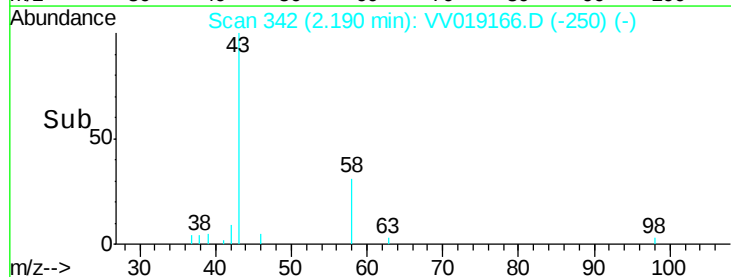
Ion 423.00 (422.70 to 423.70): VV019166.D (-250) (-)

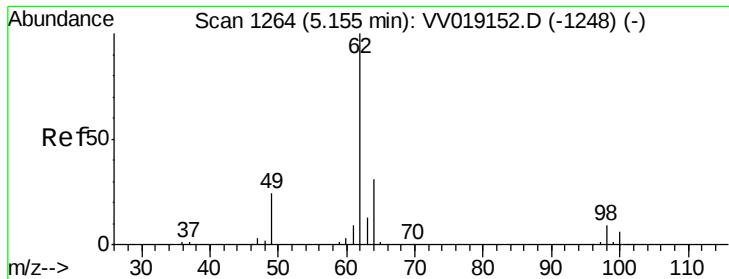
Ion 439.00 (438.70 to 439.70): VV019166.D (-250) (-)

Ion 455.00 (454.70 to 455.70): VV019166.D (-250) (-)

Ion 471.00 (470.70 to 471.70): VV019166.D (-250) (-)

Ion 487.00 (486.70 to 487.70): VV019166.D (-250) (-)

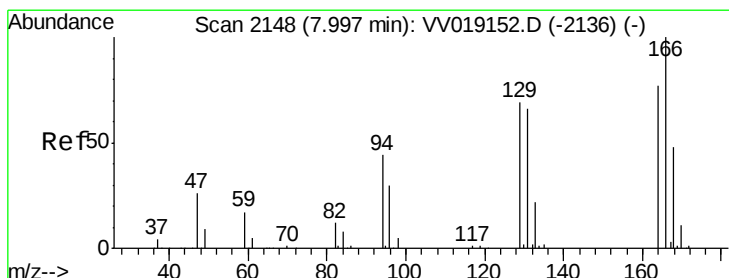
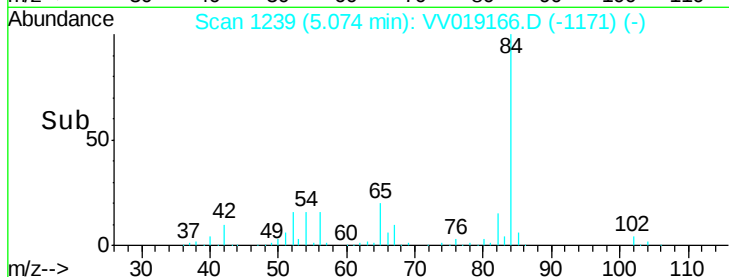
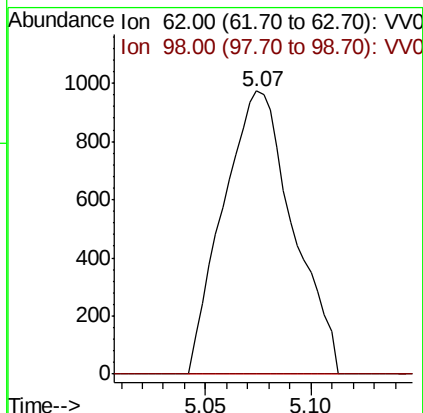
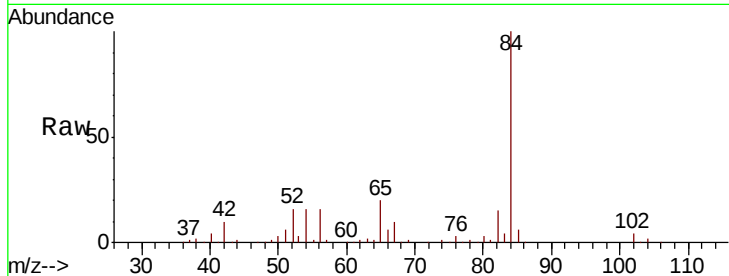




#27
 1,2-Dichloroethane
 Concen: 0.837 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV019166.D
 Acq: 29 Oct 2020 23:58

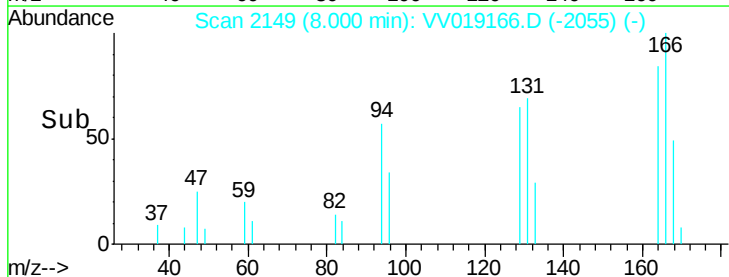
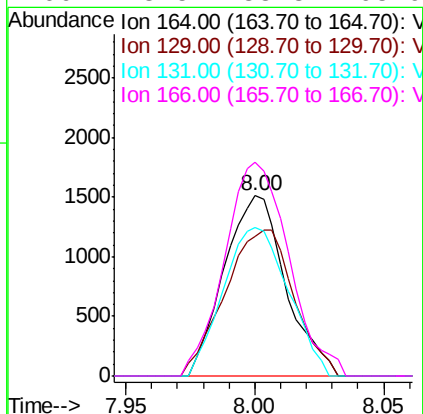
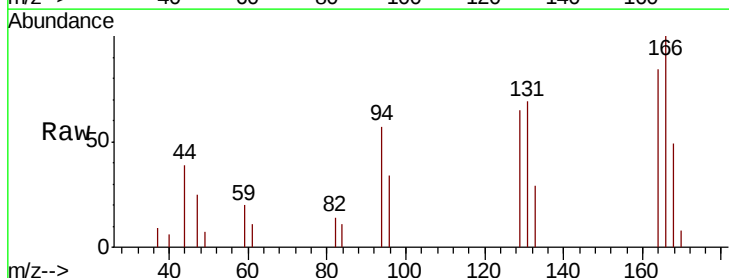
Instrument :
 MSVOA_V
 ClientSampled :

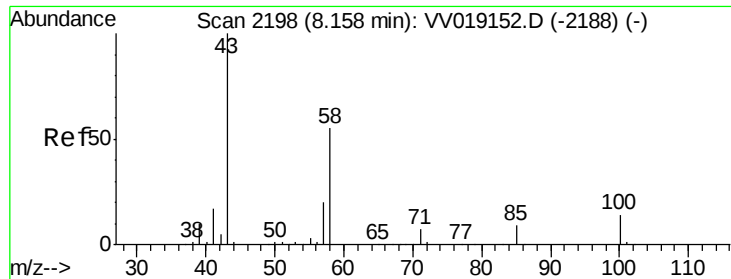
Tot Ion: 62 Resp: 2243
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.8 10.2#



#46
 Tetrachloroethene
 Concen: 1.674 ug/L
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VV019166.D
 Acq: 29 Oct 2020 23:58

Tgt Ion: 164 Resp: 2512
 Ion Ratio Lower Upper
 164 100
 129 77.6 63.2 117.4
 131 82.3 60.3 112.1
 166 118.5 88.3 163.9





#48

2-Hexanone

Concen: 5.975 ug/L

RT: 8.11 min Scan# 2182

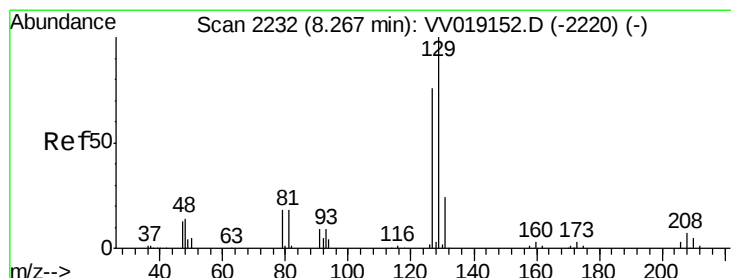
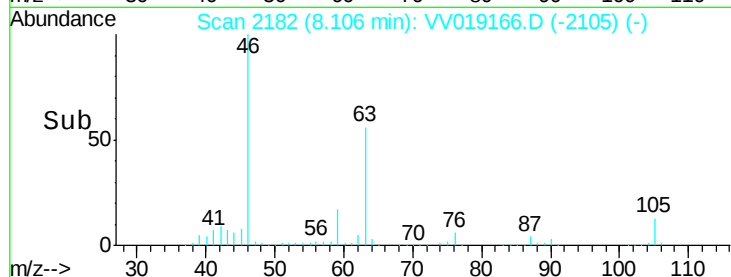
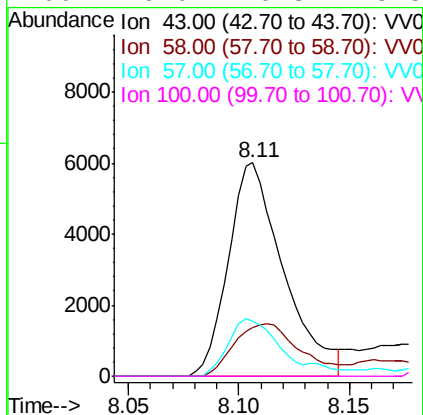
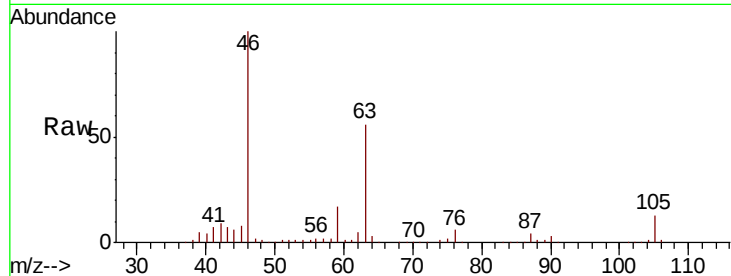
Delta R.T. -0.05 min

Lab File: VV019166.D

Acq: 29 Oct 2020 23:58

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	43	Resp:	10434
Ion	Ratio	Lower	Upper
43	100		
58	29.8	43.6	65.4#
57	23.8	16.0	24.0
100	0.0	10.3	15.5#



#49

Dibromochloromethane

Concen: 1.169 ug/L

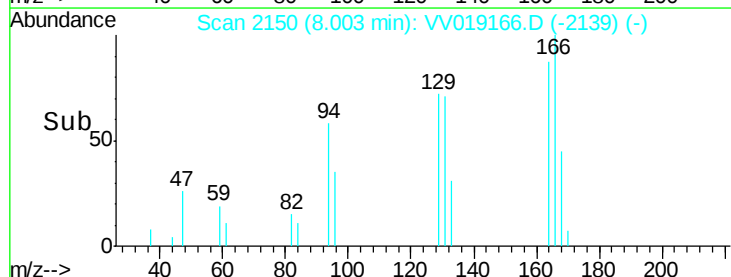
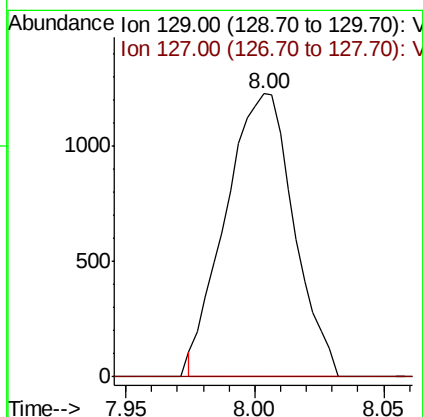
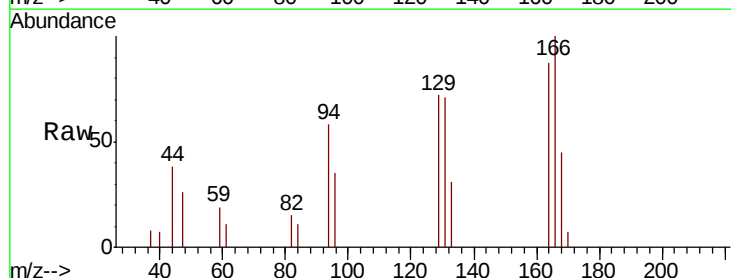
RT: 8.00 min Scan# 2150

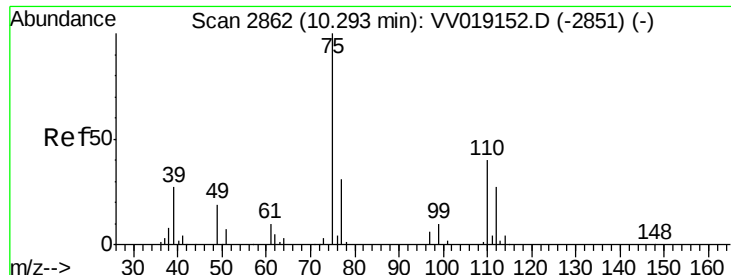
Delta R.T. -0.26 min

Lab File: VV019166.D

Acq: 29 Oct 2020 23:58

Tgt Ion:	129	Resp:	2260
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.5#





#59

1,2,3-Trichloropropane

Concen: 5.920 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019166.D

Acq: 29 Oct 2020 23:58

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 12326

Ion Ratio Lower Upper

75 100

77 41.0 26.2 39.4#

