

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120320\
 Data File : VV019464.D
 Acq On : 03 Dec 2020 18:09
 Operator : SY/MD
 Sample : L4941-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BH8

Quant Time: Dec 04 08:05:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 04 08:04:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	334194	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	334312	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	152365	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	107541	32.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.44%
7) Chloroethane-d5	1.58	69	102907	37.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.76%
11) 1,1-Dichloroethene-d2	2.12	63	193761	32.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.22%
21) 2-Butanone-d5	3.89	46	207743	102.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.12%
24) Chloroform-d	4.37	84	252236	46.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.50%
26) 1,2-Dichloroethane-d4	5.05	65	177572	50.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.56%
32) Benzene-d6	5.07	84	488559	49.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.86%
36) 1,2-Dichloropropane-d6	6.09	67	169794	51.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.26%
41) Toluene-d8	7.33	98	414394	46.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.64	79	74427	46.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.70%
47) 2-Hexanone-d5	8.11	63	100604	77.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.64%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	175074	41.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.26%
64) 1,2-Dichlorobenzene-d4	11.65	152	157378	53.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.38%

Target Compounds

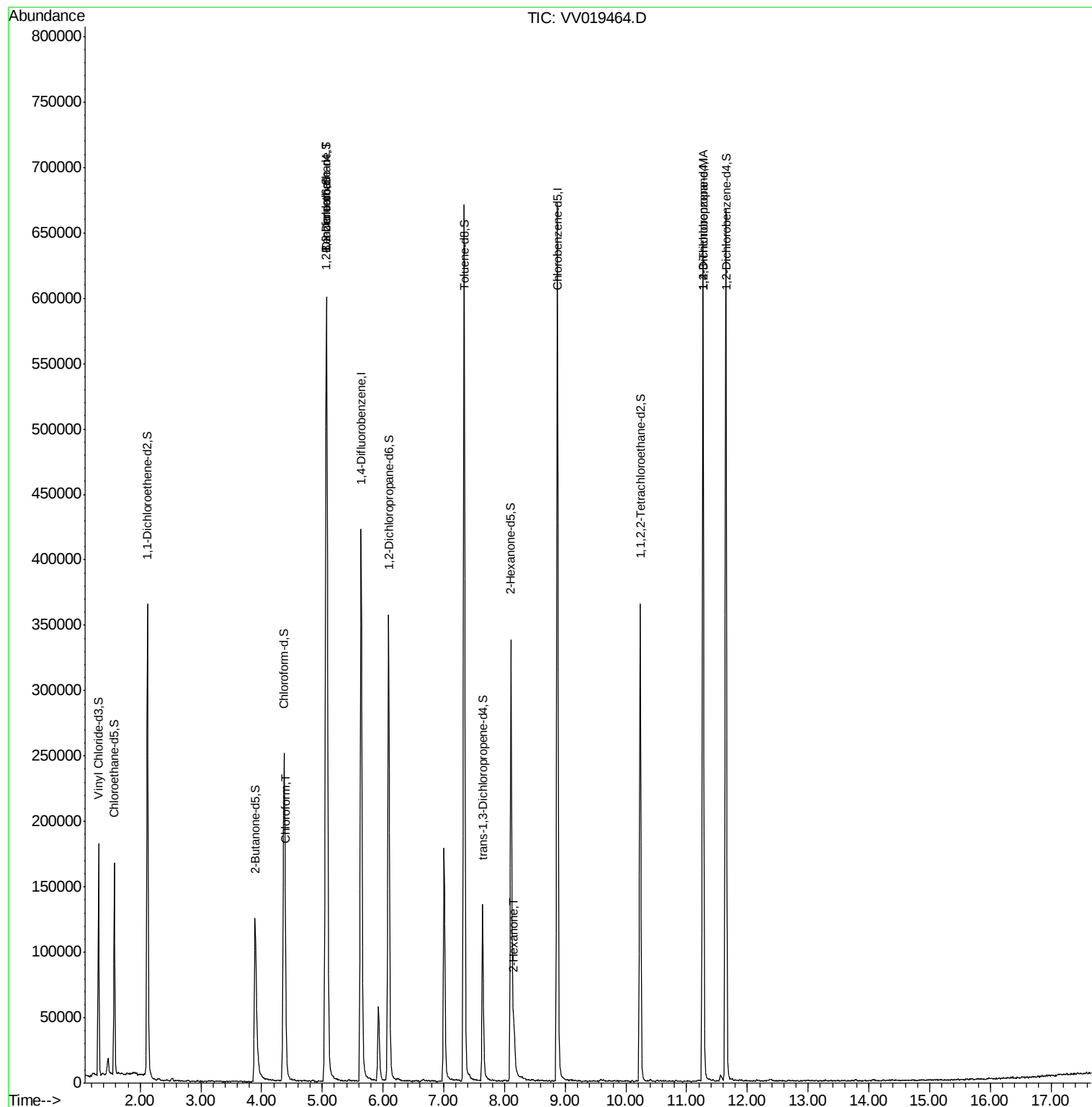
					Ovalue
25) Chloroform	4.40	83	4928	0.985 ug/L	82
27) 1,2-Dichloroethane	5.07	62	3518	0.896 ug/L	99
48) 2-Hexanone	8.16	43	24464	7.938 ug/L #	80
59) 1,2,3-Trichloropropane	11.27	75	20551	5.669 ug/L	94

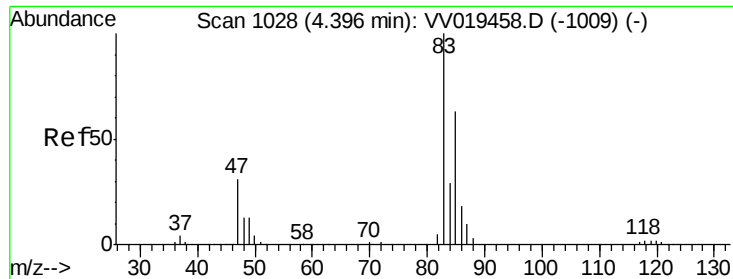
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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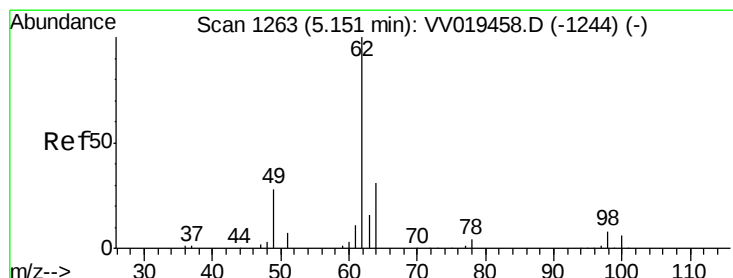
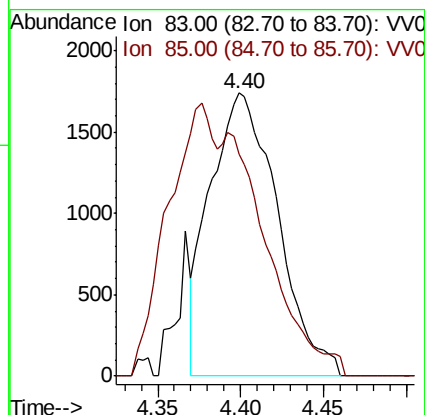
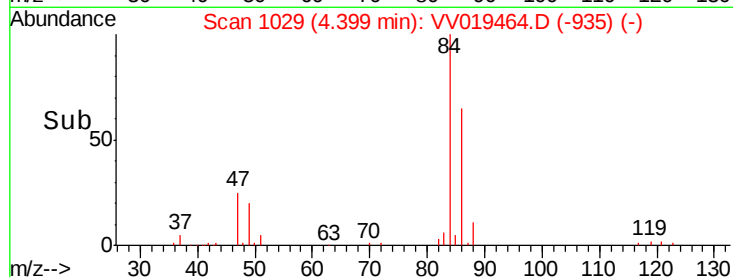
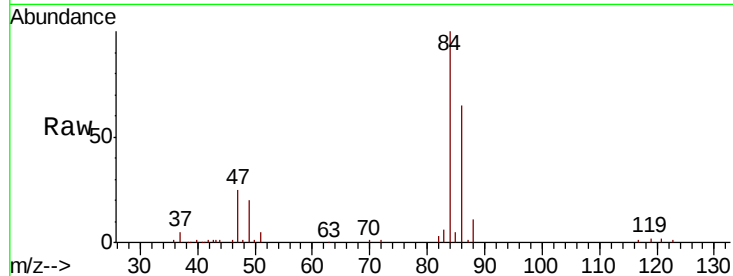




#25
Chloroform
Concen: 0.985 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VV019464.D
Acq: 03 Dec 2020 18:09

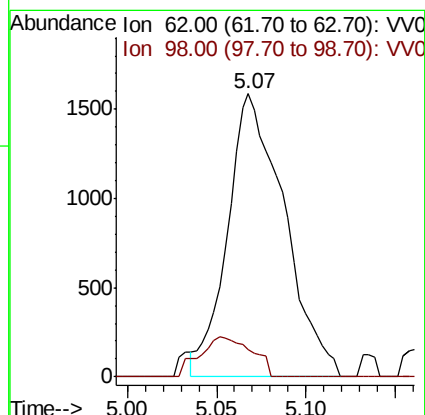
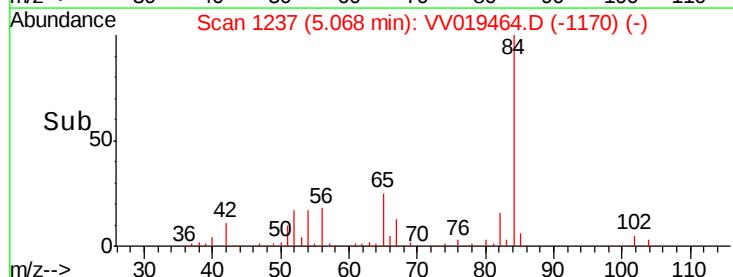
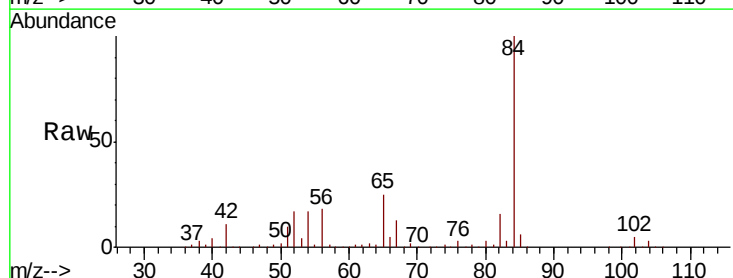
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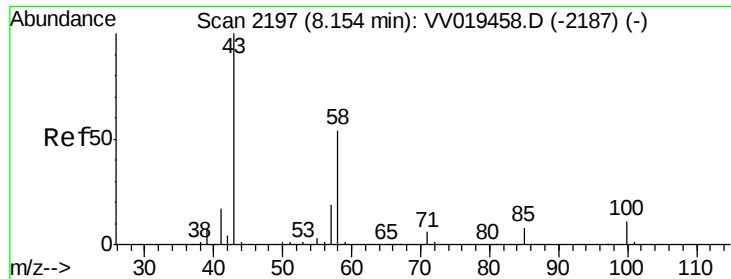
Tot Ion: 83 Resp: 4928
Ion Ratio Lower Upper
83 100
85 78.6 45.1 83.9



#27
1,2-Dichloroethane
Concen: 0.896 ug/L
RT: 5.07 min Scan# 1237
Delta R.T. -0.08 min
Lab File: VV019464.D
Acq: 03 Dec 2020 18:09

Tgt Ion: 62 Resp: 3518
Ion Ratio Lower Upper
62 100
98 9.8 7.6 11.4

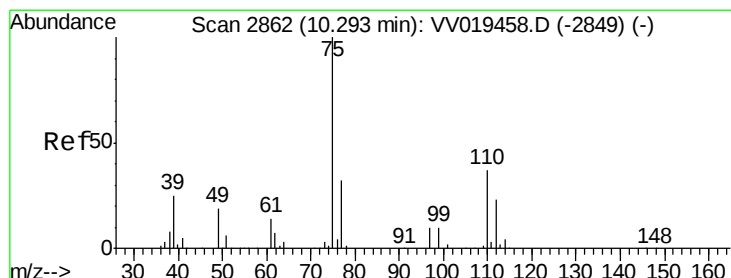
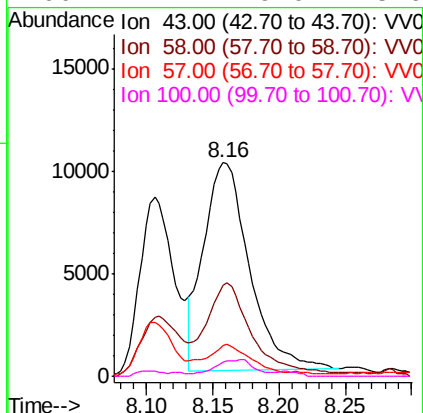
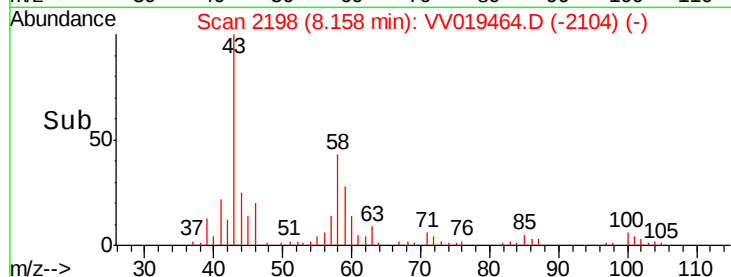
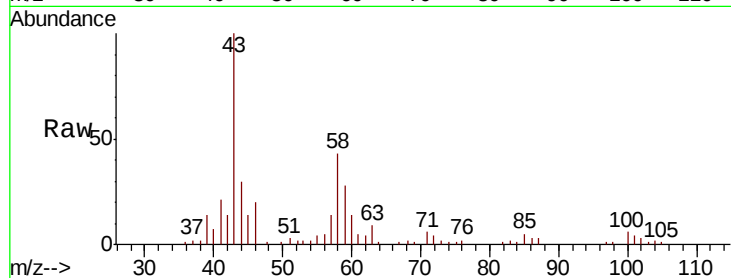




#48
2-Hexanone
Concen: 7.938 ug/L
RT: 8.16 min Scan# 2198
Delta R.T. 0.00 min
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Tot Ion: 43 Resp: 24464
Ion Ratio Lower Upper
43 100
58 37.5 43.8 65.6#
57 12.1 15.4 23.2#
100 7.1 9.0 13.6#



#59
1,2,3-Trichloropropane
Concen: 5.669 ug/L
RT: 11.27 min Scan# 3165
Delta R.T. 0.97 min
Lab File: VV019464.D
Acq: 03 Dec 2020 18:09

Tgt Ion: 75 Resp: 20551
Ion Ratio Lower Upper
75 100
77 34.6 25.2 37.8

