

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112023\
 Data File : VV033020.D
 Acq On : 20 Nov 2023 14:14
 Operator : SY/MD
 Sample : VV1120MBL01
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 20 23:41:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM112023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 20 23:40:05 2023
 Response via : Initial Calibration

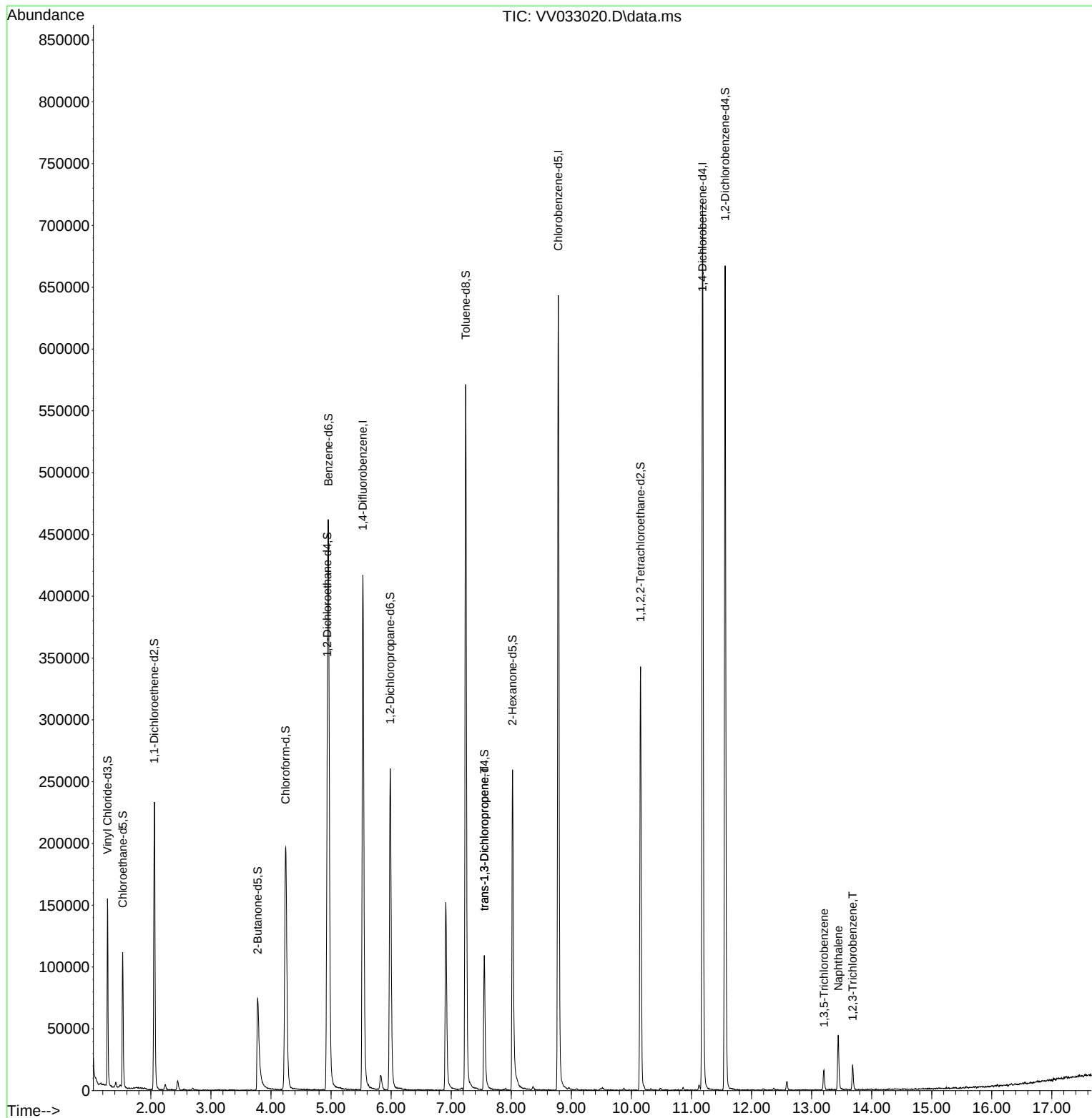
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	377684	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	362277	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	195619	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	95059	48.138	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.280%
7) Chloroethane-d5	1.532	69	70946	46.714	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.420%
11) 1,1-Dichloroethene-d2	2.056	65	38388	47.509	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.020%
21) 2-Butanone-d5	3.777	46	113170	90.075	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.070%
24) Chloroform-d	4.243	84	219223	45.047	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.100%
26) 1,2-Dichloroethane-d4	4.937	65	141972	46.767	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.540%
32) Benzene-d6	4.957	84	421376	49.947	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.900%
36) 1,2-Dichloropropane-d6	5.985	67	122081	51.030	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.060%
41) Toluene-d8	7.243	98	389205	48.327	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.660%
43) trans-1,3-Dichloroprop...	7.551	79	63827	45.700	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.400%
47) 2-Hexanone-d5	8.021	63	91945	92.877	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.880%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	159176	43.711	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.420%
66) 1,2-Dichlorobenzene-d4	11.561	152	172904	49.566	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.140%
Target Compounds						
44) trans-1,3-Dichloropropene	7.551	75	3320	0.776	ug/L	# 79
69) 1,3,5-Trichlorobenzene	13.207	180	5311	1.075	ug/L	97
71) Naphthalene	13.445	128	35954	3.211	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	6227	1.419	ug/L	96

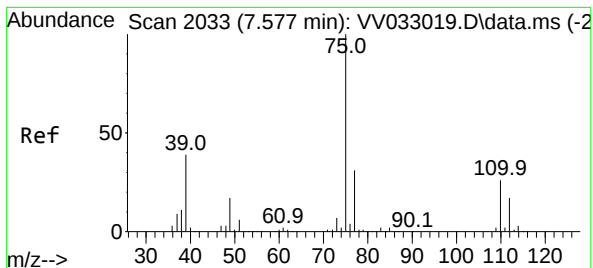
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Nov 20 23:40:05 2023
Response via : Initial Calibration





#44

trans-1,3-Dichloropropene

Concen: 0.776 ug/L

RT: 7.551 min Scan# 20

Delta R.T. -0.026 min

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Instrument :

MSVOA_V

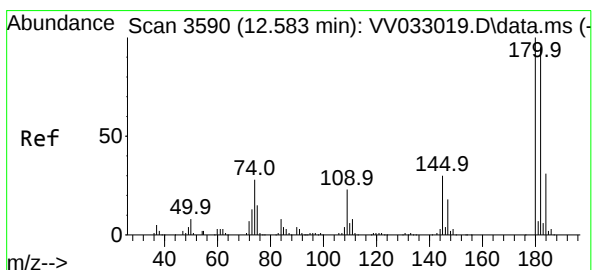
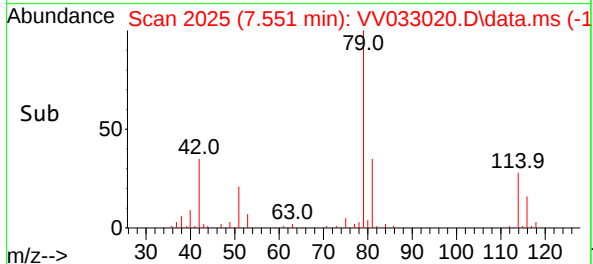
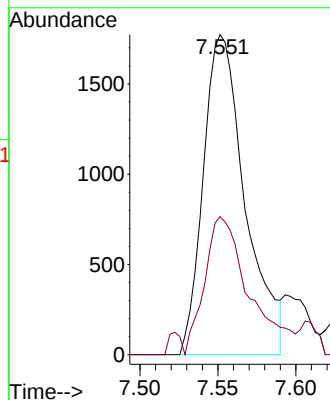
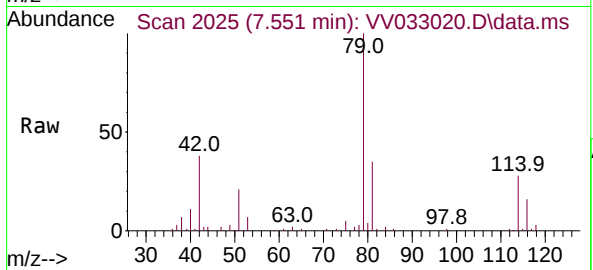
ClientSampleId :

Tgt Ion: 75 Resp: 3320

Ion Ratio Lower Upper

75 100

77 43.1 21.9 40.7#



#69

1,3,5-Trichlorobenzene

Concen: 1.075 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.624 min

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Acq: 20 Nov 2023 14:14

Tgt Ion:180 Resp: 5311

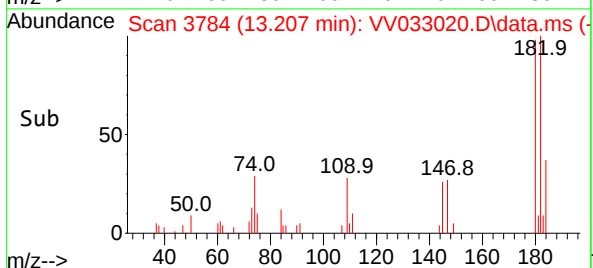
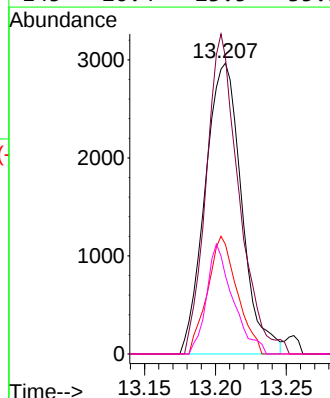
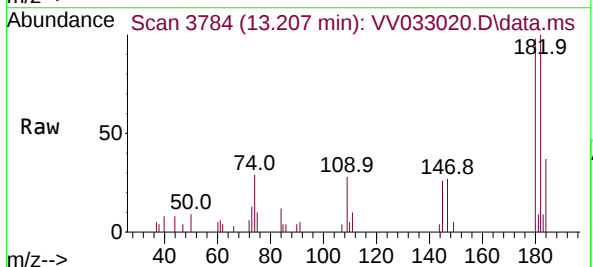
Ion Ratio Lower Upper

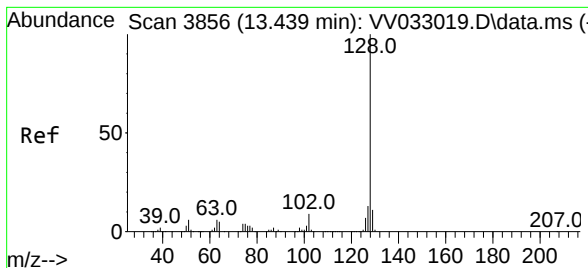
180 100

182 97.4 76.6 115.0

184 32.9 24.5 36.7

145 26.4 23.5 35.3





#71

Naphthalene

Concen: 3.211 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.006 min

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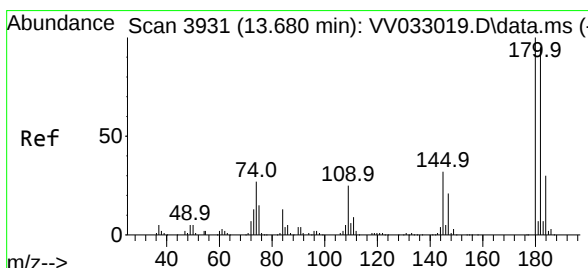
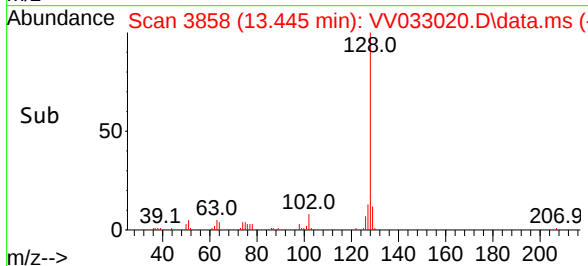
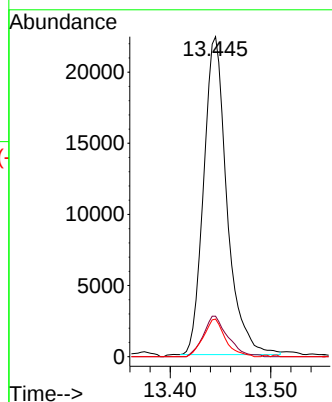
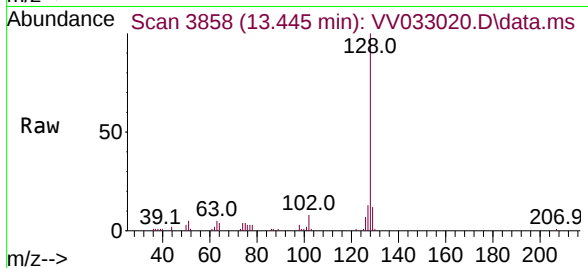
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MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	35954
Ion Ratio	Lower	Upper
128	100	
127	13.3	10.2 15.2
129	11.1	8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 1.419 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.003 min

Lab File: VV033020.D

Acq: 20 Nov 2023 14:14

Tgt Ion:180	Resp:	6227
Ion Ratio	Lower	Upper
180	100	
182	99.9	76.6 114.8
145	34.8	25.5 38.3

