

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120823\
 Data File : VW033191.D
 Acq On : 08 Dec 2023 15:29
 Operator : SY/MD
 Sample : 05673-06DL 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

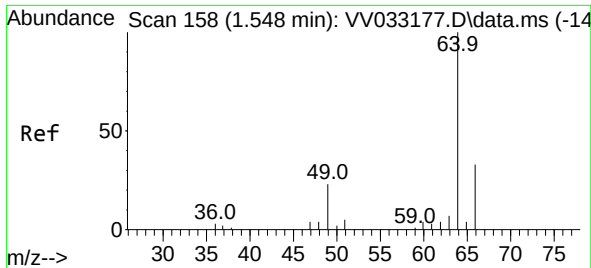
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 08 22:01:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	277194	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	278018	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	145085	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	67657	40.829	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.660%		
7) Chloroethane-d5	1.532	69	52173	45.188	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.380%		
11) 1,1-Dichloroethene-d2	2.060	65	27806	44.109	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.220%		
21) 2-Butanone-d5	3.783	46	74855	90.950	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.950%		
24) Chloroform-d	4.249	84	162465	46.199	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.400%		
26) 1,2-Dichloroethane-d4	4.941	65	106268	48.605	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.200%		
32) Benzene-d6	4.960	84	302132	46.466	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.940%		
36) 1,2-Dichloropropane-d6	5.989	67	79860	45.679	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.360%		
41) Toluene-d8	7.243	98	278789	44.946	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.900%		
43) trans-1,3-Dichloroprop...	7.555	79	47531	42.994	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.980%		
47) 2-Hexanone-d5	8.024	63	63383	90.244	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.240%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	112005	45.068	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.140%		
66) 1,2-Dichlorobenzene-d4	11.561	152	130728	50.642	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.280%		
Target Compounds					Qvalue	
8) Chloroethane	1.278	64	1178	1.154	ug/L #	1
20) cis-1,2-Dichloroethene	3.818	96	22339	11.538	ug/L	97
34) Trichloroethene	5.844	95	3416	1.623	ug/L	96
39) cis-1,3-Dichloropropene	6.912	75	2801	0.947	ug/L #	35
44) trans-1,3-Dichloropropene	7.558	75	2544	0.850	ug/L #	76
45) 1,1,2-Trichloroethane	7.902	97	1747	0.924	ug/L #	30
46) Tetrachloroethene	7.905	164	205827	113.758	ug/L	97
61) 1,2,3-Trichloropropane	11.185	75	12594	6.961	ug/L #	58

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



#8

Chloroethane

Concen: 1.154 ug/L

RT: 1.278 min Scan# 74

Delta R.T. -0.270 min MSVOA_V

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Instrument :

MSVOA_V

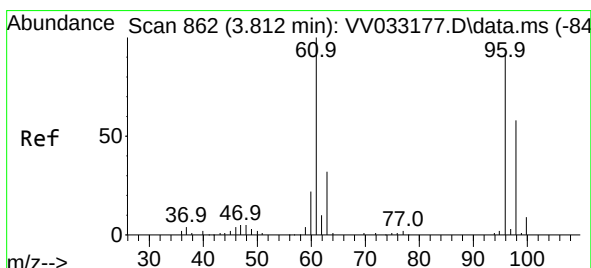
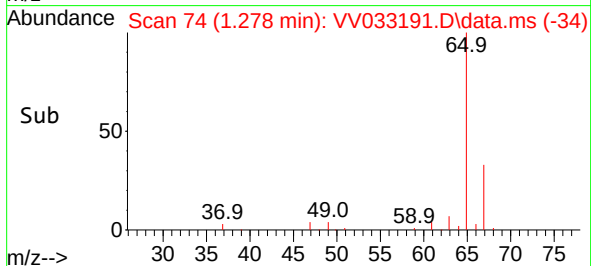
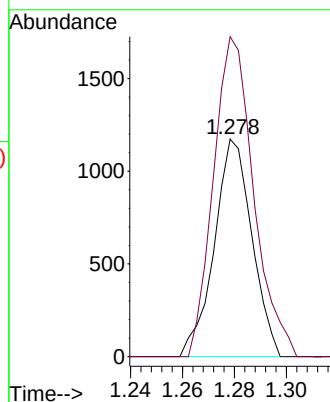
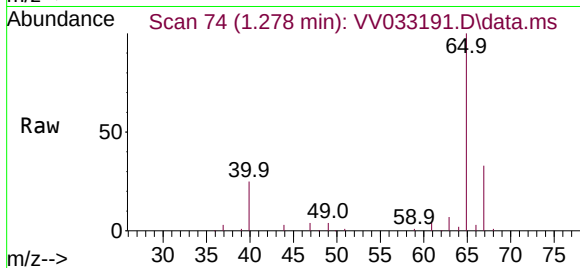
ClientSampleId :

Tgt Ion: 64 Resp: 1178

Ion Ratio Lower Upper

64 100

66 147.0 22.3 41.5#



#20

cis-1,2-Dichloroethene

Concen: 11.538 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.006 min

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Acq: 08 Dec 2023 15:29

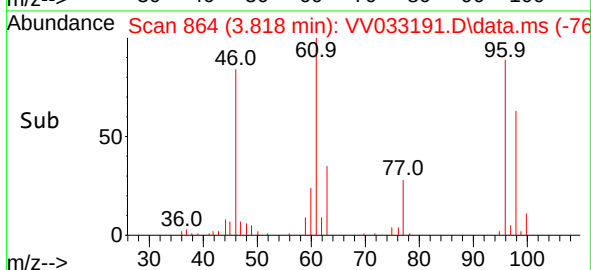
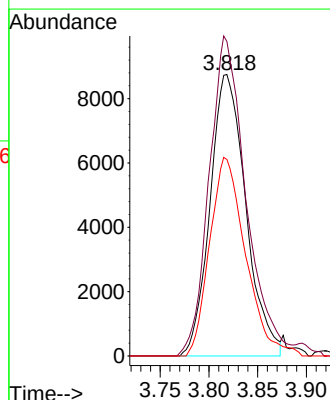
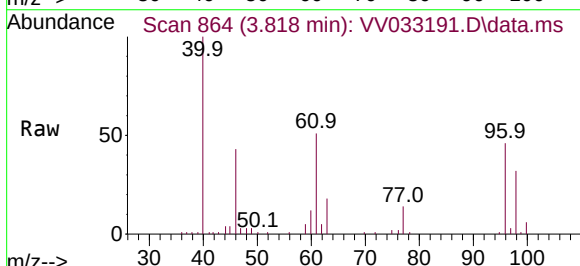
Tgt Ion: 96 Resp: 22339

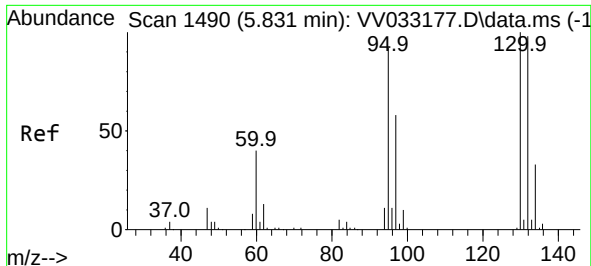
Ion Ratio Lower Upper

96 100

61 111.7 79.1 146.9

98 69.8 45.1 83.7

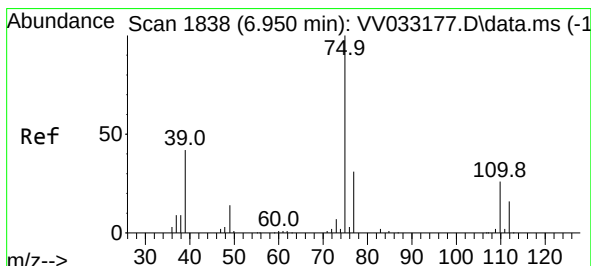
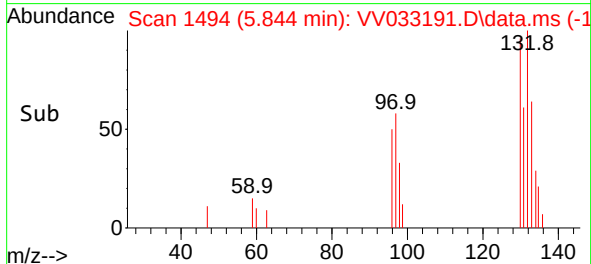
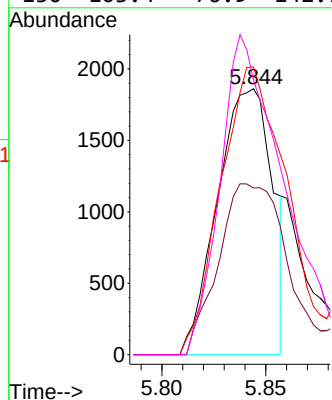
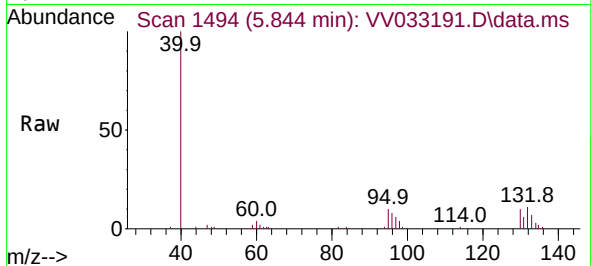




#34
Trichloroethene
Concen: 1.623 ug/L
RT: 5.844 min Scan# 1490
Delta R.T. 0.013 min
Lab File: VV033191.D
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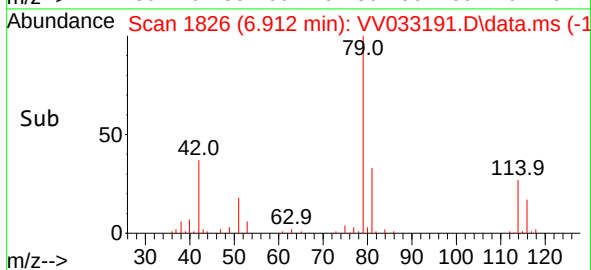
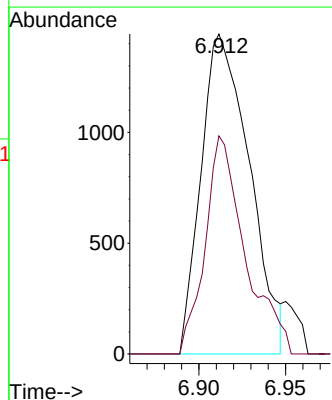
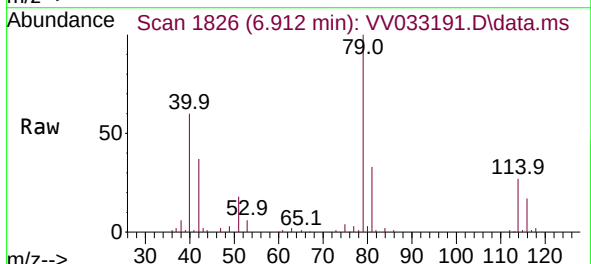
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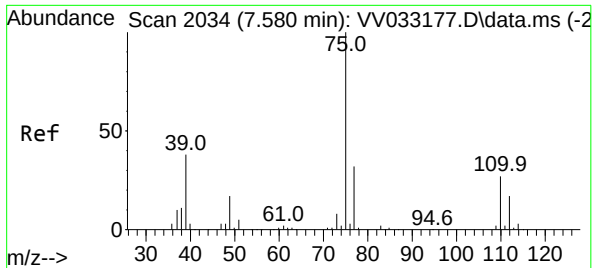
Tgt Ion: 95 Resp: 3416
Ion Ratio Lower Upper
95 100
97 62.7 45.8 85.0
132 108.2 77.4 143.8
130 103.4 76.9 142.7



#39
cis-1,3-Dichloropropene
Concen: 0.947 ug/L
RT: 6.912 min Scan# 1826
Delta R.T. -0.039 min
Lab File: VV033191.D
Acq: 08 Dec 2023 15:29

Tgt Ion: 75 Resp: 2801
Ion Ratio Lower Upper
75 100
77 68.1 22.4 41.6#

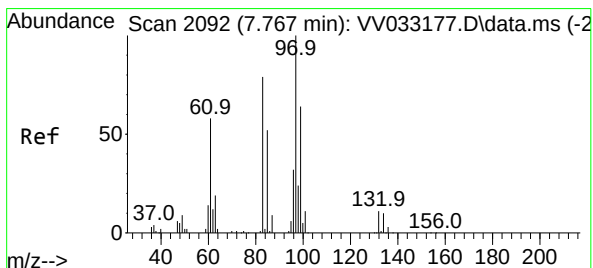
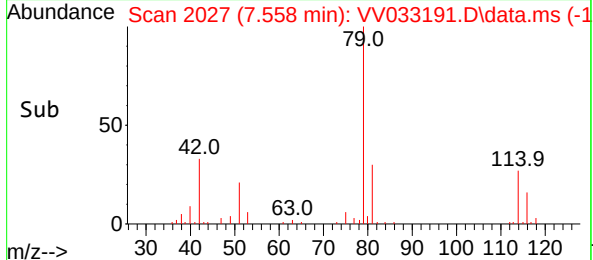
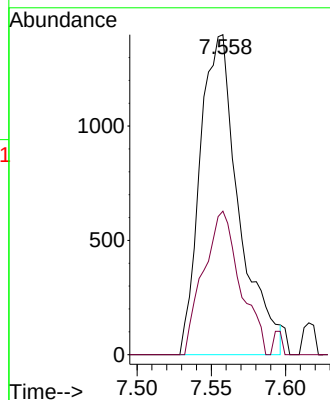
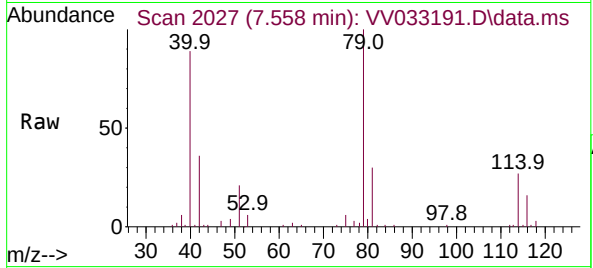




#44
trans-1,3-Dichloropropene
Concen: 0.850 ug/L
RT: 7.558 min Scan# 2134
Delta R.T. -0.022 min
Lab File: VV033191.D
Acq: 08 Dec 2023 15:29

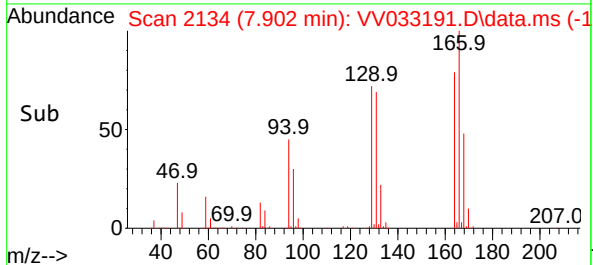
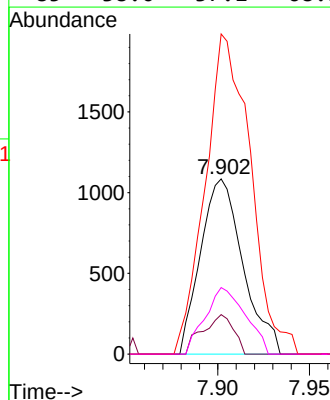
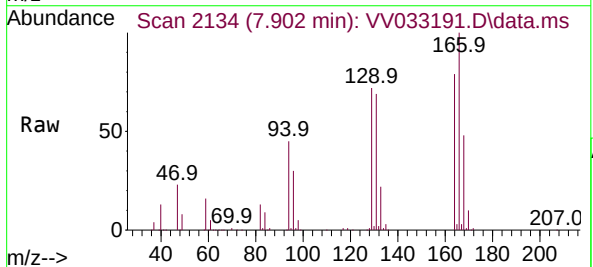
Instrument :
MSVOA_V
ClientSampleId :

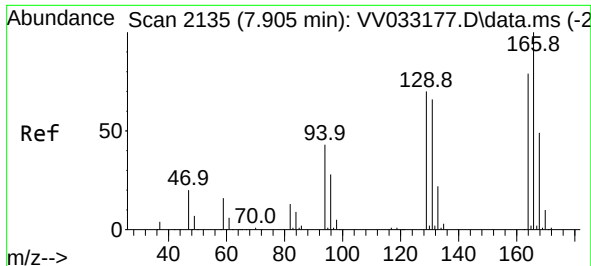
Tgt Ion: 75 Resp: 2544
Ion Ratio Lower Upper
75 100
77 44.9 22.0 41.0#



#45
1,1,2-Trichloroethane
Concen: 0.924 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.135 min
Lab File: VV033191.D
Acq: 08 Dec 2023 15:29

Tgt Ion: 97 Resp: 1747
Ion Ratio Lower Upper
97 100
99 22.5 43.2 80.2#
83 182.8 55.8 103.6#
85 38.0 37.1 68.9



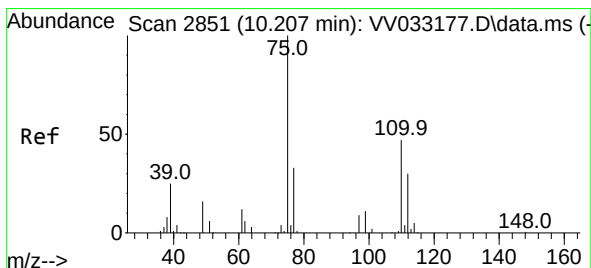
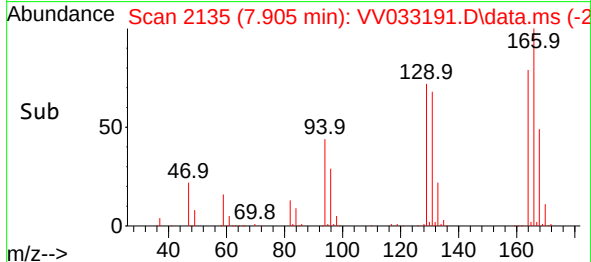
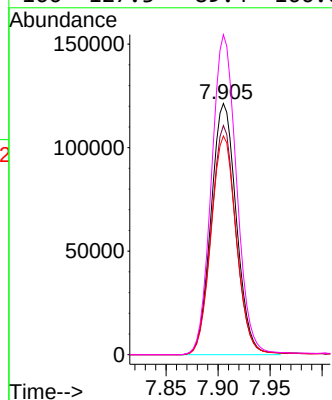
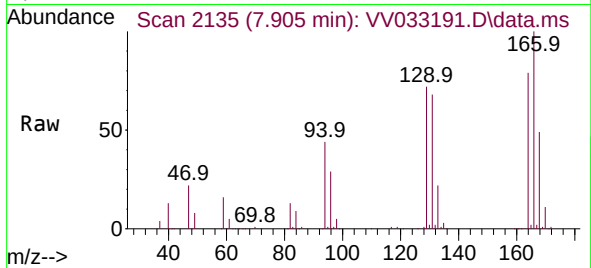


#46
Tetrachloroethene
Concen: 113.758 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV033191.D
Acq: 08 Dec 2023 15:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 205827

Ion	Ratio	Lower	Upper
164	100		
129	91.2	65.6	121.8
131	87.0	64.7	120.1
166	127.3	89.4	166.0



#61
1,2,3-Trichloropropane
Concen: 6.961 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.977 min
Lab File: VV033191.D
Acq: 08 Dec 2023 15:29

Tgt Ion: 75 Resp: 12594

Ion	Ratio	Lower	Upper
75	100		
77	40.2	27.0	40.6
110	4.9	38.1	57.1

