

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101421\
 Data File : VW022803.D
 Acq On : 14 Oct 2021 19:28
 Operator : SY/MD
 Sample : M4214-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 JDGG5

Manual Integrations
 APPROVED

MMDadoda
 10/15/2021 12:02:59 PM

Quant Time: Oct 15 02:01:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 15 01:58:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	116459	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	116896	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	52292	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	28666	3.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.60%
7) Chloroethane-d5	1.568	69	26915	3.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.80%
11) 1,1-Dichloroethene-d2	2.108	63	37743	2.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.00%#
20) 2-Butanone-d5	3.899	46	100607	47.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.78%
24) Chloroform-d	4.352	84	77386	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.034	65	37351	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.053	84	146644	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
36) 1,2-Dichloropropane-d6	6.072	67	47913	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.317	98	119144	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
43) trans-1,3-Dichloroprop...	7.629	79	14922	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.092	63	81750	59.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.68%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37020	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
66) 1,2-Dichlorobenzene-d4	11.625	152	49951	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	3828	0.45	ug/L	98
3) Chloromethane	1.240	50	1146	0.13	ug/L	84
9) Trichlorofluoromethane	1.754	101	12132	0.94	ug/L	100
13) Acetone	2.182	43	2927m	2.50	ug/L	
47) Tetrachloroethene	7.979	164	3136	0.45	ug/L	95

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

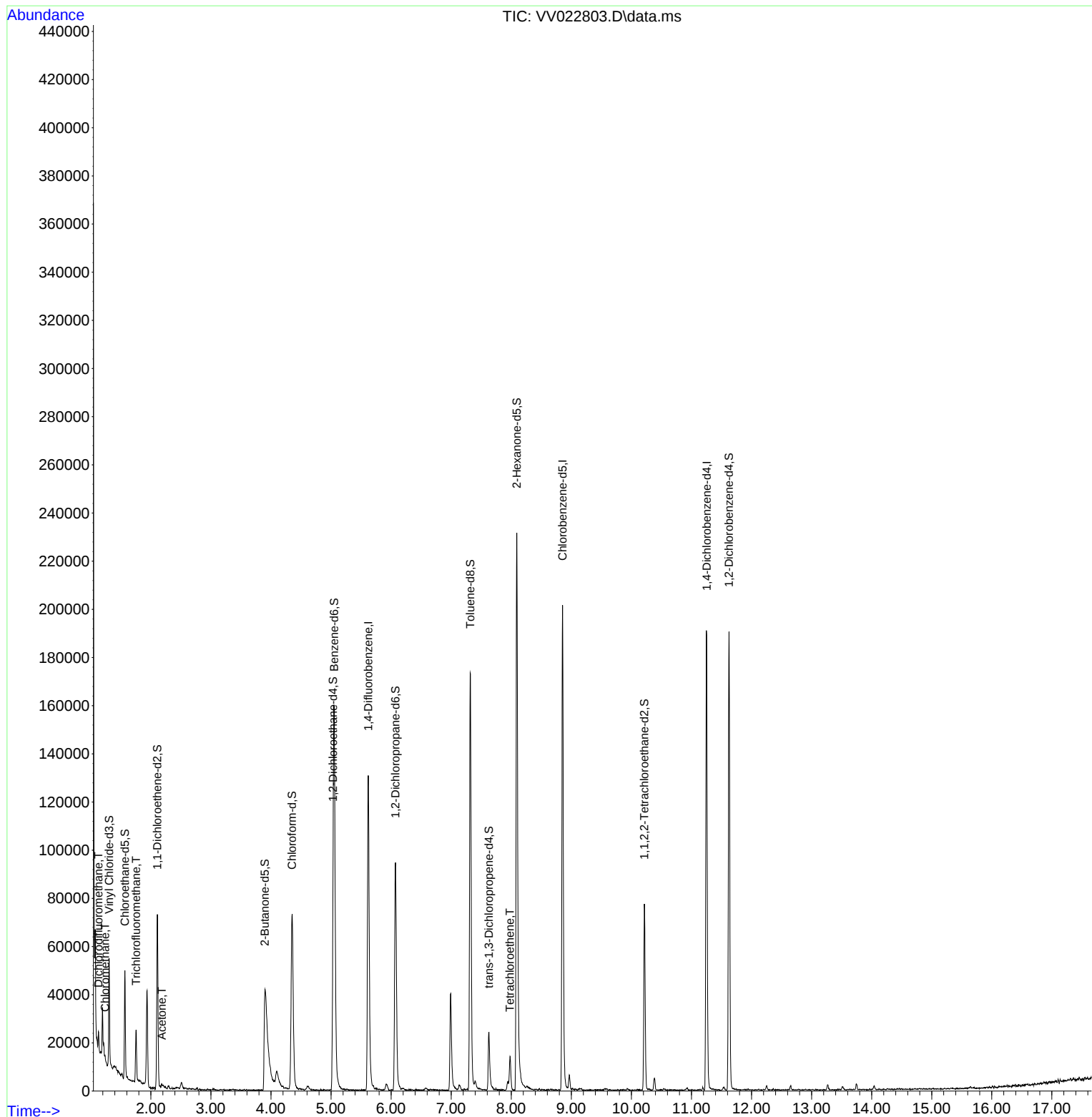
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101421\
Data File : VV022803.D
Acq On : 14 Oct 2021 19:28
Operator : SY/MD
Sample : M4214-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

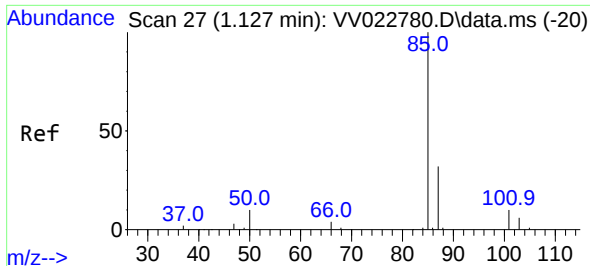
Instrument :
MSVOA_V
ClientSampleId :
JDGG5

Manual Integrations
APPROVED

MMDadoda
10/15/2021 12:02:59 PM

Quant Time: Oct 15 02:01:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 15 01:58:00 2021
Response via : Initial Calibration





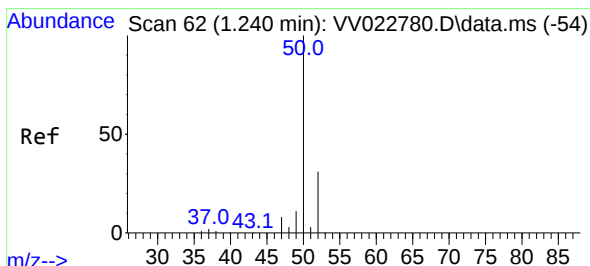
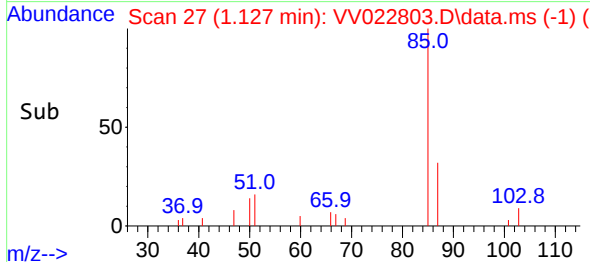
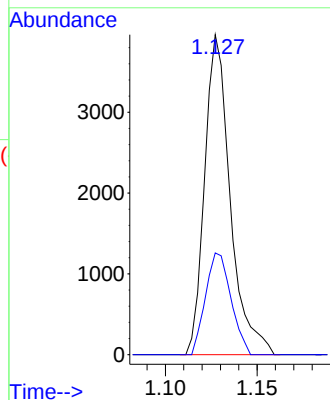
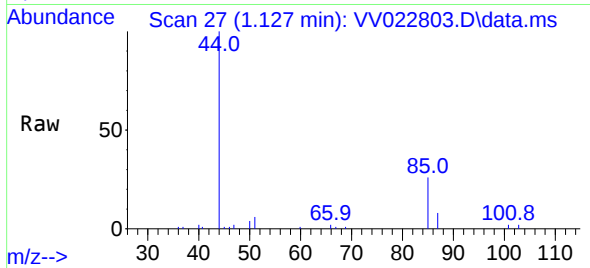
#2
 Dichlorodifluoromethane
 Concen: 0.45 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV022803.D
 Acq: 14 Oct 2021 19:28

Tgt Ion: 85 Resp: 3828
 Ion Ratio Lower Upper
 85 100
 87 31.6 26.3 39.5

Instrument :
 MSVOA_V
 ClientSampled :
 JDGG5

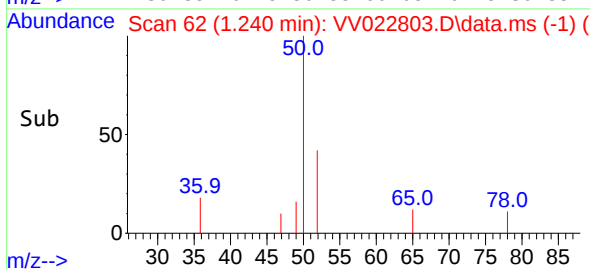
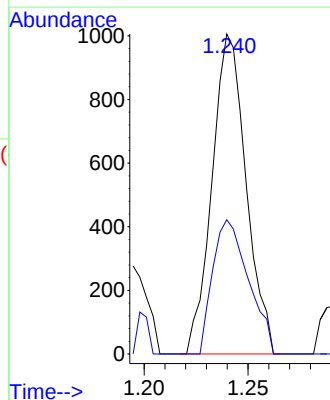
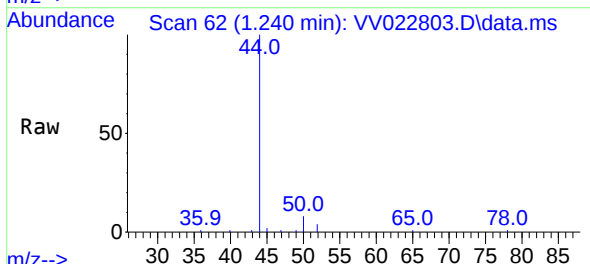
Manual Integrations
 APPROVED

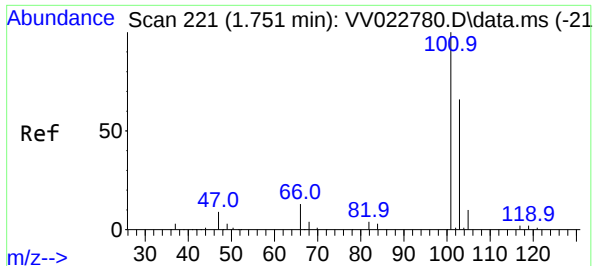
MMDadoda
 10/15/2021 12:02:59 PM



#3
 Chloromethane
 Concen: 0.13 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV022803.D
 Acq: 14 Oct 2021 19:28

Tgt Ion: 50 Resp: 1146
 Ion Ratio Lower Upper
 50 100
 52 41.9 22.9 42.5





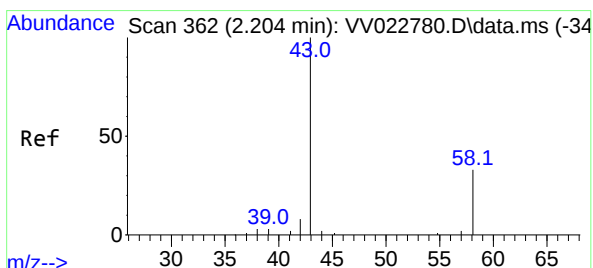
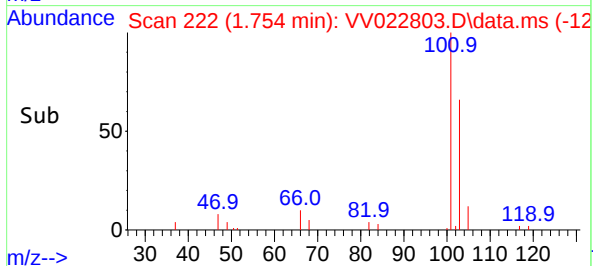
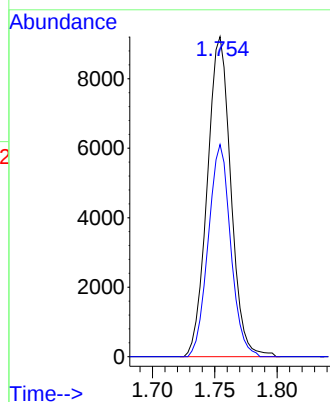
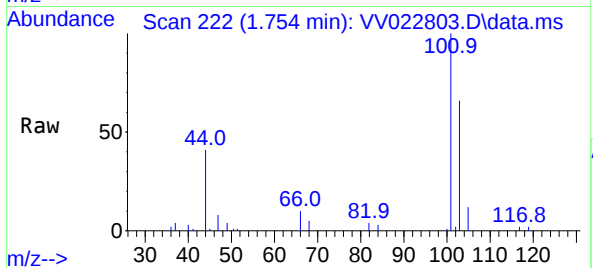
#9
Trichlorofluoromethane
Concen: 0.94 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV022803.D
Acq: 14 Oct 2021 19:28

Tgt Ion:101 Resp: 12132
Ion Ratio Lower Upper
101 100
103 63.0 50.3 75.5

Instrument :
MSVOA_V
ClientSampleId :
JDGG5

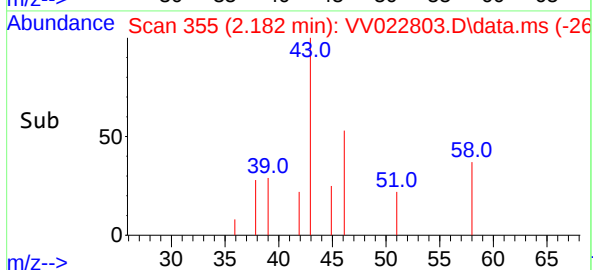
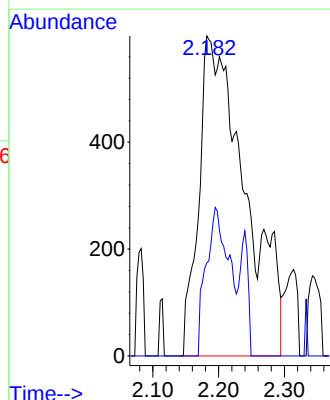
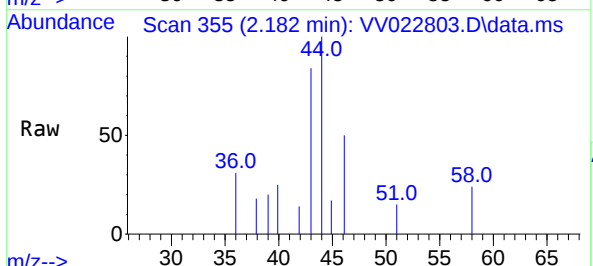
Manual Integrations
APPROVED

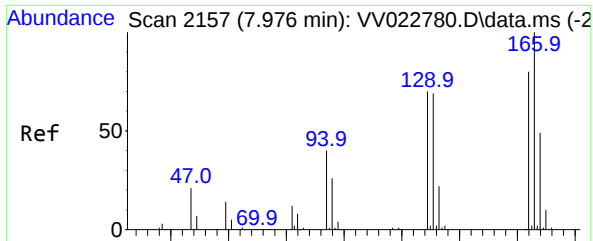
MMDadoda
10/15/2021 12:02:59 PM



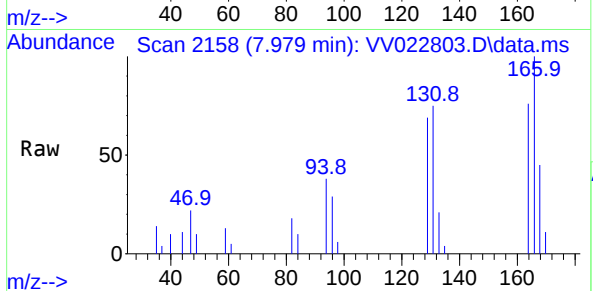
#13
Acetone
Concen: 2.50 ug/L m
RT: 2.182 min Scan# 355
Delta R.T. -0.022 min
Lab File: VV022803.D
Acq: 14 Oct 2021 19:28

Tgt Ion: 43 Resp: 2927
Ion Ratio Lower Upper
43 100
58 0.7 0.0 24.2



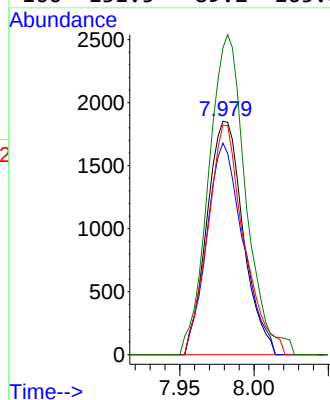
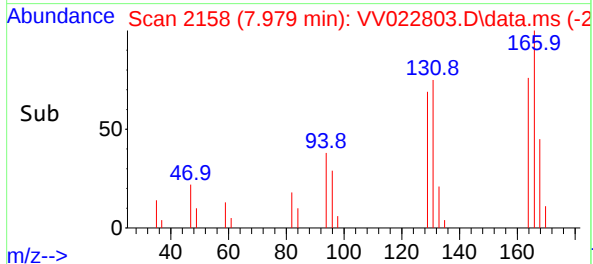


#47
Tetrachloroethene
Concen: 0.45 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022803.D
Acq: 14 Oct 2021 19:28



Tgt Ion:164 Resp: 3136

Ion	Ratio	Lower	Upper
164	100		
129	90.6	65.0	120.6
131	98.4	62.2	115.4
166	131.5	89.2	165.8



Instrument :
MSVOA_V
ClientSampleId :
JDGG5

Manual Integrations
APPROVED

MMDadoda
10/15/2021 12:02:59 PM