

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100522\
 Data File : VV028369.D
 Acq On : 05 Oct 2022 15:28
 Operator : SY/MD
 Sample : N4866-19DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFR3DL

Quant Time: Oct 06 02:33:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

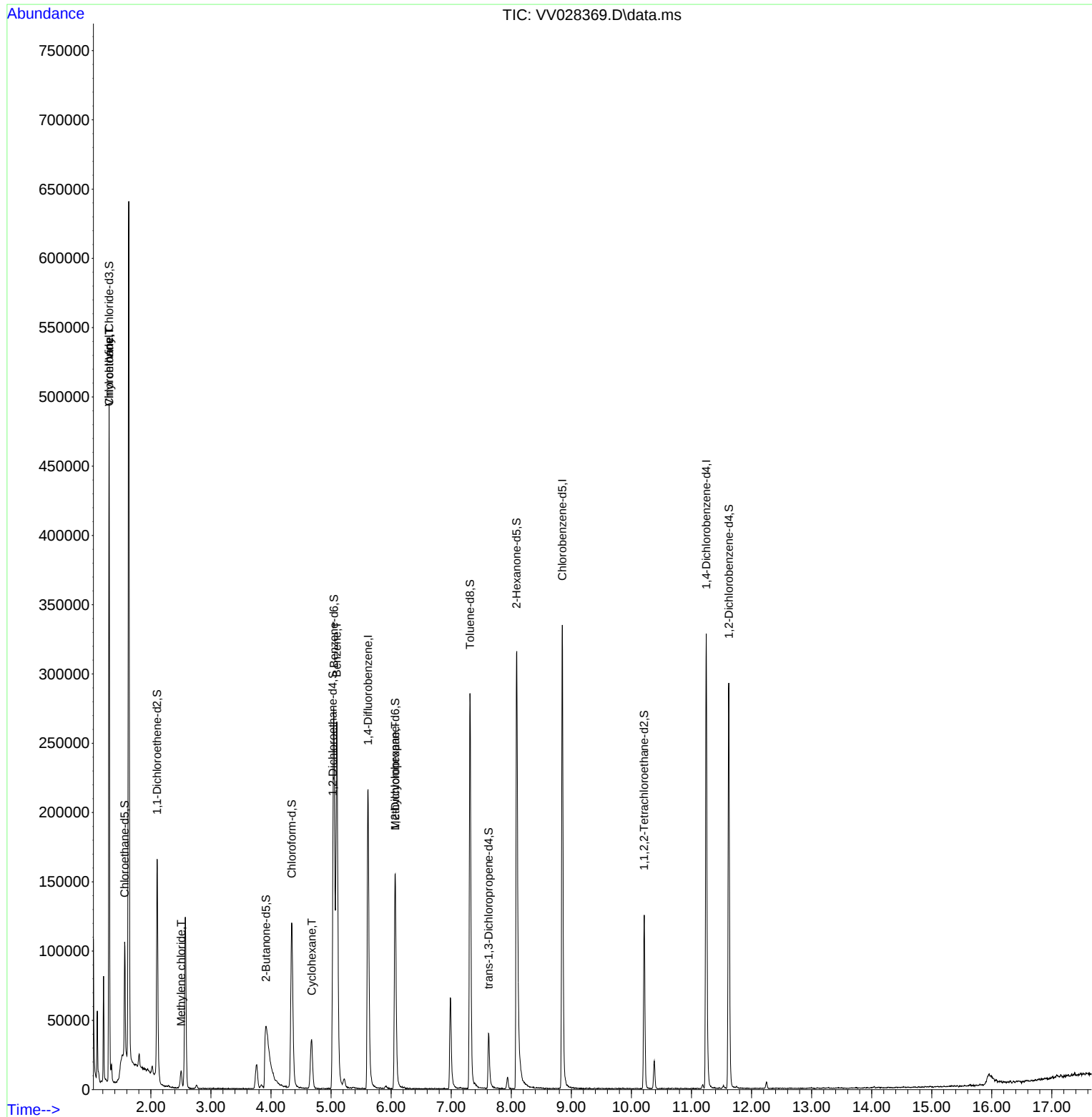
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	198125	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	196856	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	92261	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	52733	3.542	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.564	69	53222	4.223	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.105	63	80857	2.882	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.600%#
20) 2-Butanone-d5	3.918	46	156774	62.242	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.480%
24) Chloroform-d	4.346	84	130922	4.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.030	65	62886	5.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.047	84	255914	4.739	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.066	67	81197	5.241	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.800%
41) Toluene-d8	7.313	98	201248	4.052	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	7.625	79	25918	4.393	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.088	63	129758	53.732	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.460%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	62125	5.291	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	81435	5.129	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	9009	0.530	ug/L	87
8) Chloroethane	1.307	64	3498	0.309	ug/L	98
16) Methylene chloride	2.503	84	4518	0.282	ug/L	83
30) Cyclohexane	4.677	56	18423	0.881	ug/L #	86
33) Benzene	5.095	78	280393	4.785	ug/L	100
35) Methylcyclohexane	6.066	83	19189	0.801	ug/L #	17

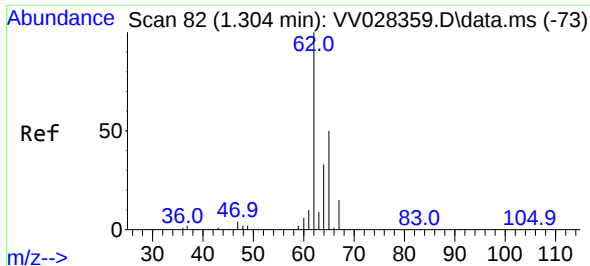
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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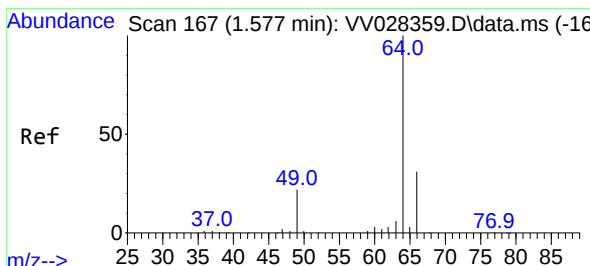
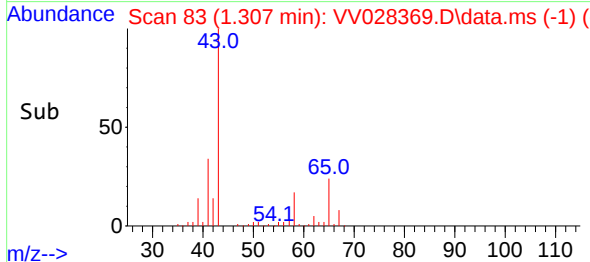
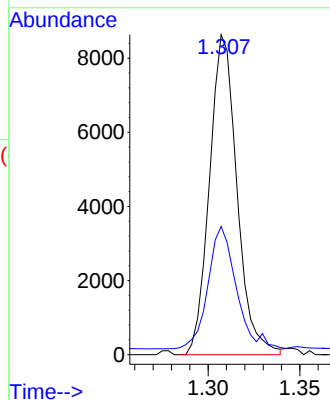
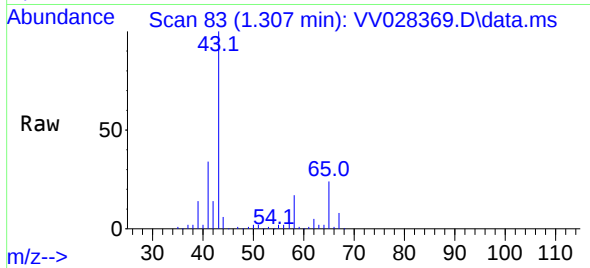




#5
 Vinyl chloride
 Concen: 0.530 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV028369.D
 Acq: 05 Oct 2022 15:28

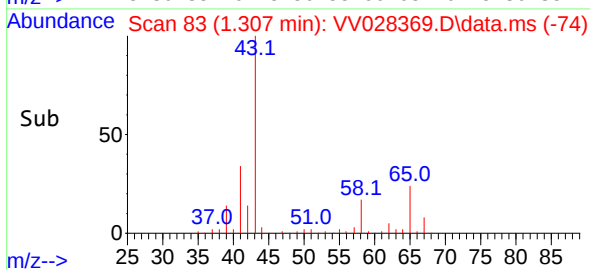
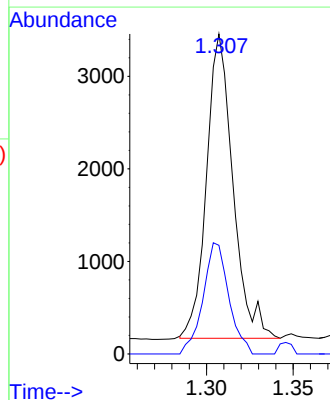
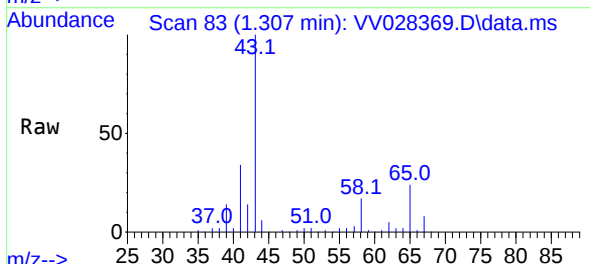
Instrument :
 MSVOA_V
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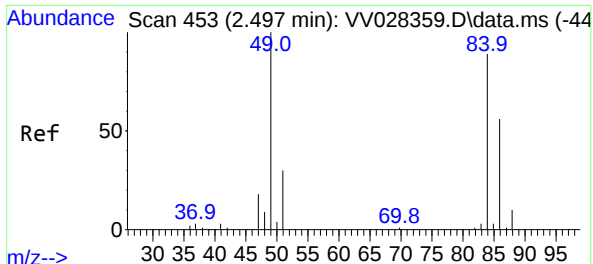
Tgt Ion: 62 Resp: 9009
 Ion Ratio Lower Upper
 62 100
 64 40.0 23.0 42.8



#8
 Chloroethane
 Concen: 0.309 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.270 min
 Lab File: VV028369.D
 Acq: 05 Oct 2022 15:28

Tgt Ion: 64 Resp: 3498
 Ion Ratio Lower Upper
 64 100
 66 34.0 23.0 42.8

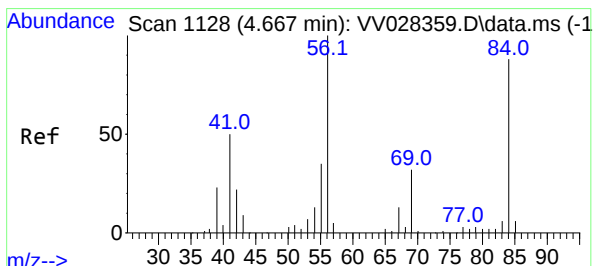
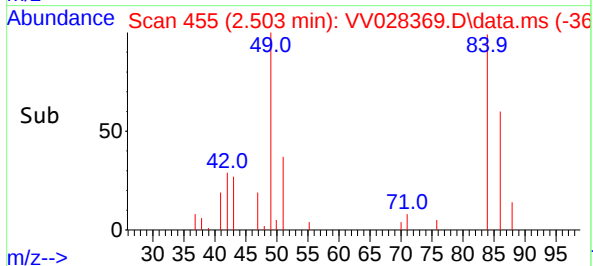
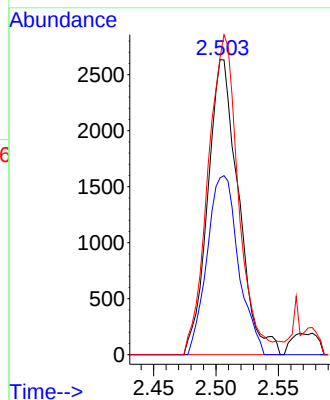
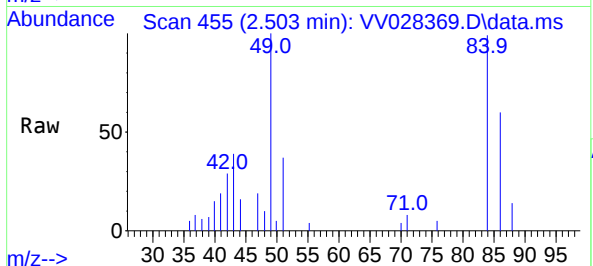




#16
Methylene chloride
Concen: 0.282 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028369.D
Acq: 05 Oct 2022 15:28

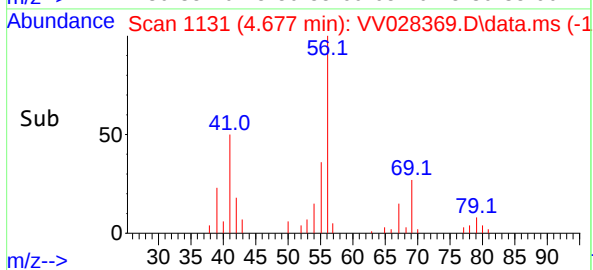
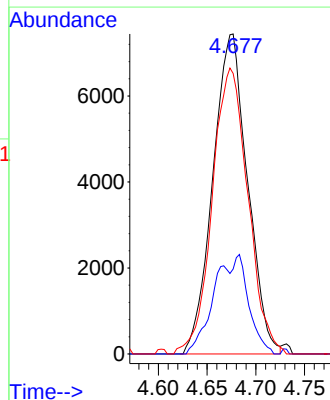
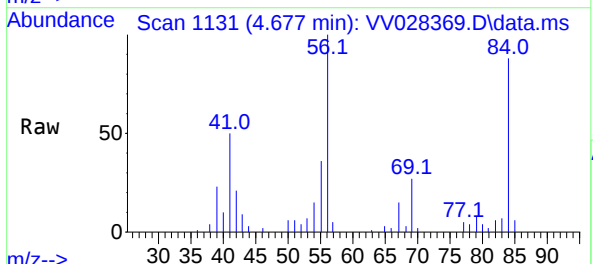
Instrument :
MSVOA_V
ClientSampleId :
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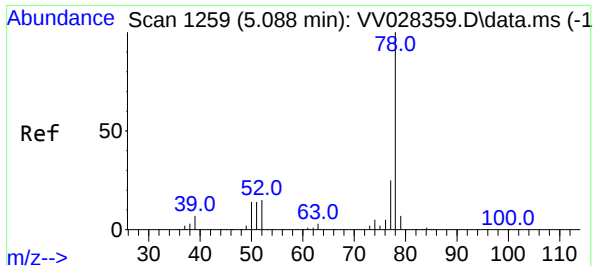
Tgt Ion: 84 Resp: 4518
Ion Ratio Lower Upper
84 100
86 59.9 46.8 86.8
49 100.7 87.5 162.5



#30
Cyclohexane
Concen: 0.881 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.010 min
Lab File: VV028369.D
Acq: 05 Oct 2022 15:28

Tgt Ion: 56 Resp: 18423
Ion Ratio Lower Upper
56 100
69 14.7 23.7 35.5#
84 91.9 67.3 100.9

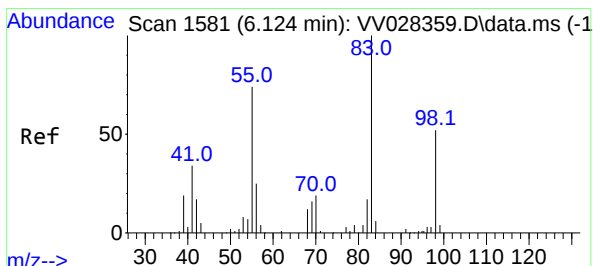
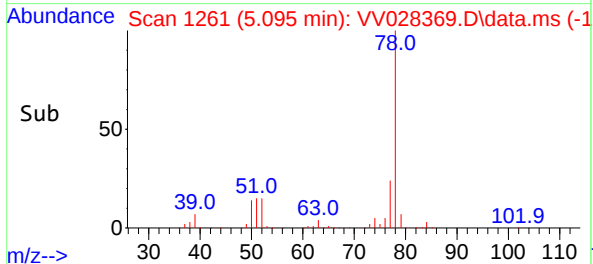
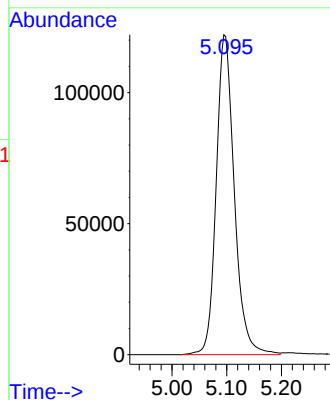
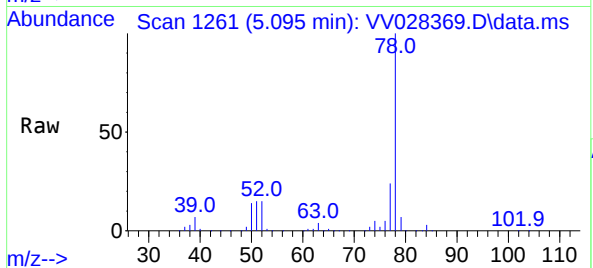




#33
Benzene
Concen: 4.785 ug/L
RT: 5.095 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028369.D
Acq: 05 Oct 2022 15:28

Instrument :
MSVOA_V
ClientSampleId :
EXFR3DL

Tgt Ion: 78 Resp: 280393



#35
Methylcyclohexane
Concen: 0.801 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028369.D
Acq: 05 Oct 2022 15:28

Tgt Ion: 83 Resp: 19189
Ion Ratio Lower Upper
83 100
55 0.5 64.7 97.1#
98 0.9 39.5 59.3#

