

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100422\
 Data File : VV028340.D
 Acq On : 04 Oct 2022 21:19
 Operator : SY/MD
 Sample : N4866-21
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 23:35:14 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)

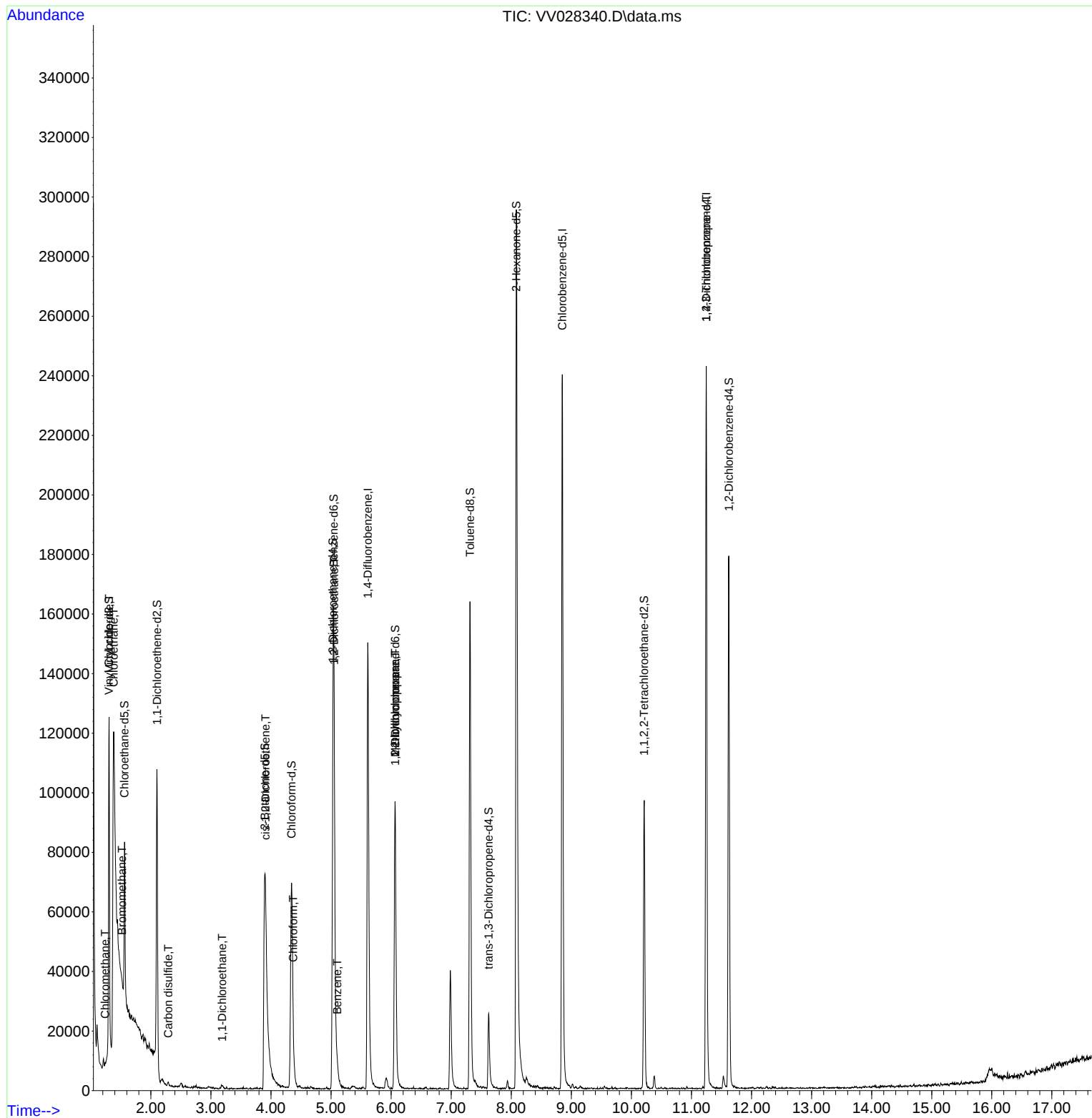
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	138516	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	144710	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	68108	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	34891	3.352	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.000%
7) Chloroethane-d5	1.561	69	33595	3.813	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.200%
11) 1,1-Dichloroethene-d2	2.101	63	51372	2.619	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.400%#
20) 2-Butanone-d5	3.895	46	140498	79.784	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	159.560%#
24) Chloroform-d	4.342	84	77185	4.094	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
26) 1,2-Dichloroethane-d4	5.030	65	43425	4.968	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.043	84	146472	3.690	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.800%
36) 1,2-Dichloropropane-d6	6.066	67	50383	4.424	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.313	98	118081	3.234	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.600%#
43) trans-1,3-Dichloroprop...	7.625	79	16539	3.813	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.085	63	113004	63.656	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.320%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	48635	5.634	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	51094	4.359	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	435	0.041	ug/L #	61
5) Vinyl chloride	1.304	62	40256	3.386	ug/L #	76
6) Bromomethane	1.519	94	284	0.050	ug/L	88
8) Chloroethane	1.381	64	362633	45.763	ug/L #	50
14) Carbon disulfide	2.288	76	1901	0.061	ug/L #	74
19) 1,1-Dichloroethane	3.185	63	1263	0.072	ug/L #	64
22) cis-1,2-Dichloroethene	3.908	96	10444	1.002	ug/L	94
25) Chloroform	4.368	83	3568	0.185	ug/L	96
27) 1,2-Dichloroethane	5.053	62	882	0.085	ug/L #	76
33) Benzene	5.104	78	7101	0.165	ug/L	100
35) Methylcyclohexane	6.066	83	12345	0.701	ug/L #	16
37) 1,2-Dichloropropane	6.069	63	5229	0.524	ug/L #	87
61) 1,2,3-Trichloropropane	11.246	75	6996	1.331	ug/L #	66

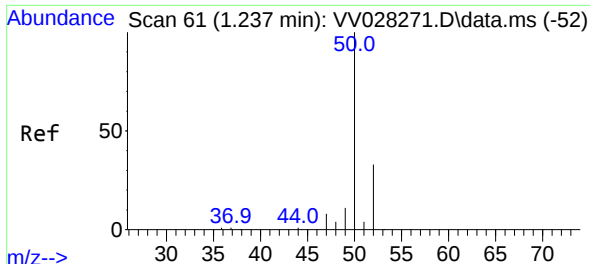
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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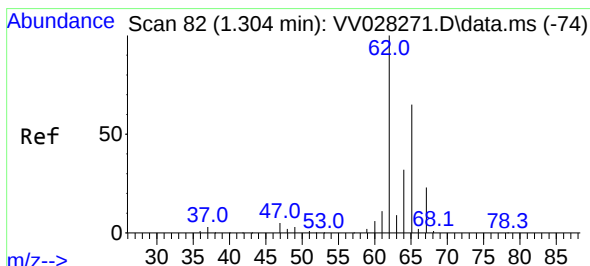
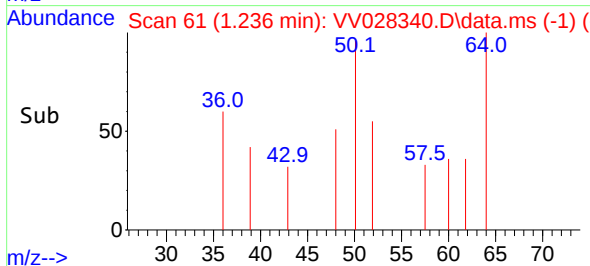
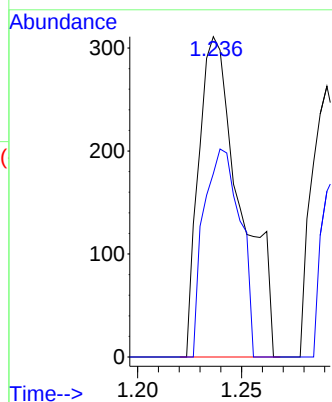
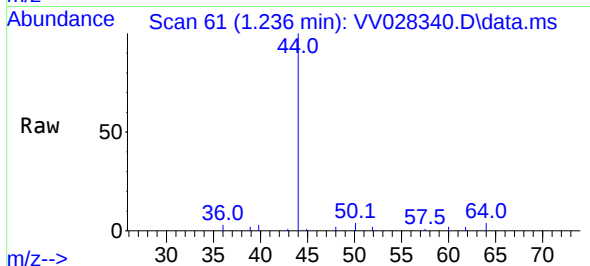




#3
Chloromethane
Concen: 0.041 ug/L
RT: 1.236 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028340.D
Acq: 04 Oct 2022 21:19

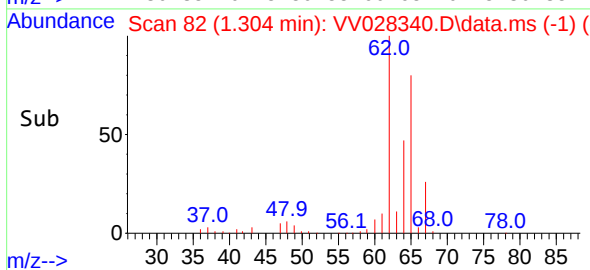
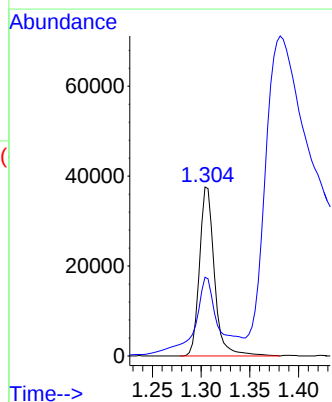
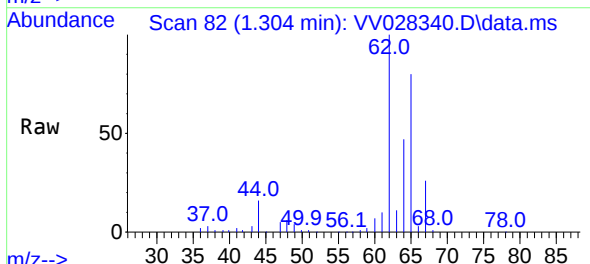
Instrument :
MSVOA_V
ClientSampleId :

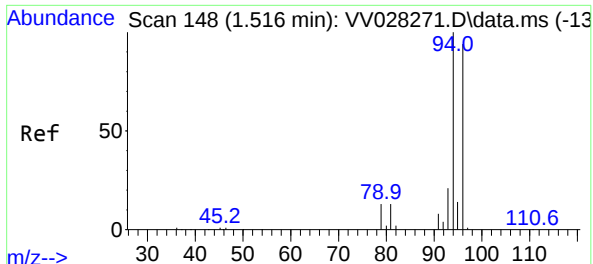
Tgt Ion: 50 Resp: 435
Ion Ratio Lower Upper
50 100
52 57.2 24.4 45.2#



#5
Vinyl chloride
Concen: 3.386 ug/L
RT: 1.304 min Scan# 82
Delta R.T. 0.000 min
Lab File: VV028340.D
Acq: 04 Oct 2022 21:19

Tgt Ion: 62 Resp: 40256
Ion Ratio Lower Upper
62 100
64 46.6 23.0 42.8#

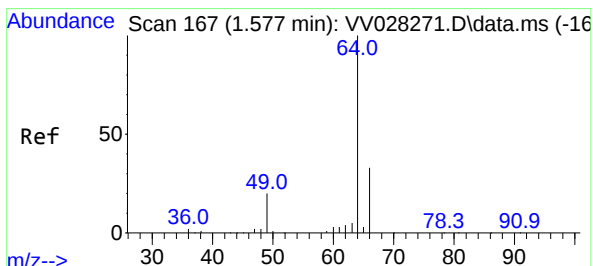
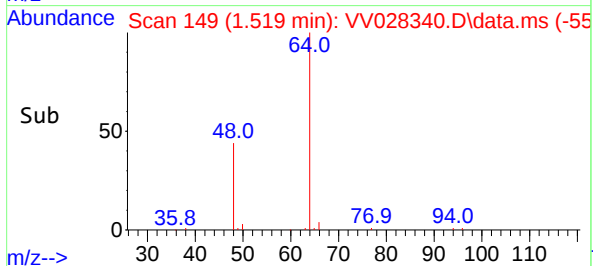
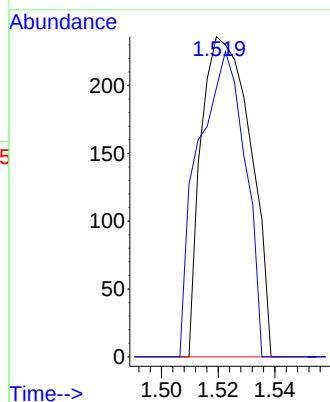
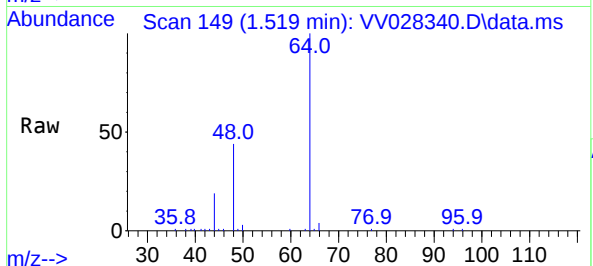




#6
Bromomethane
Concen: 0.050 ug/L
RT: 1.519 min Scan# 14
Delta R.T. 0.003 min
Lab File: VV028340.D
Acq: 04 Oct 2022 21:19

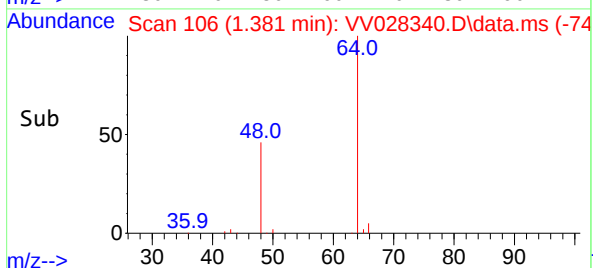
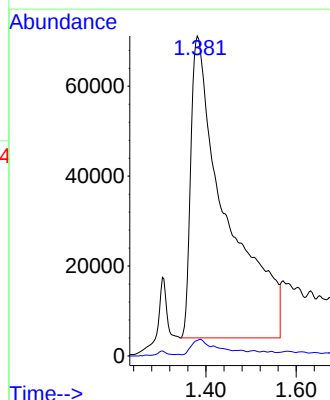
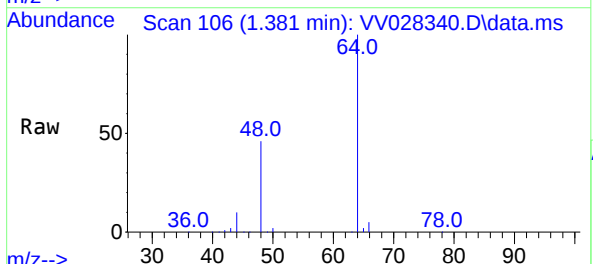
Instrument :
MSVOA_V
ClientSampleId :

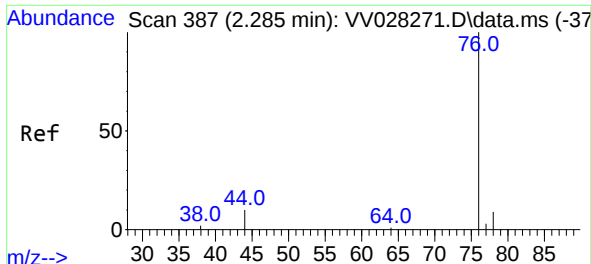
Tgt Ion: 94 Resp: 284
Ion Ratio Lower Upper
94 100
96 83.9 66.7 123.9



#8
Chloroethane
Concen: 45.763 ug/L
RT: 1.381 min Scan# 106
Delta R.T. -0.196 min
Lab File: VV028340.D
Acq: 04 Oct 2022 21:19

Tgt Ion: 64 Resp: 362633
Ion Ratio Lower Upper
64 100
66 4.9 23.0 42.8#

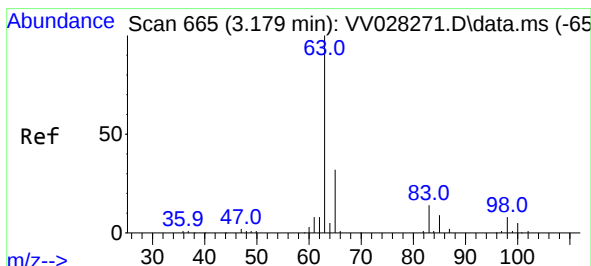
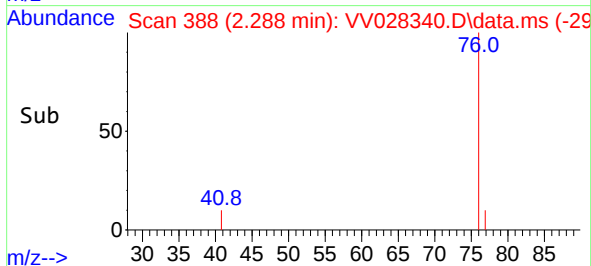
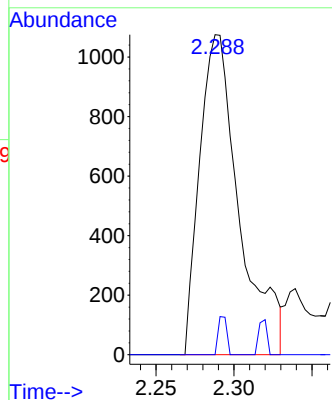
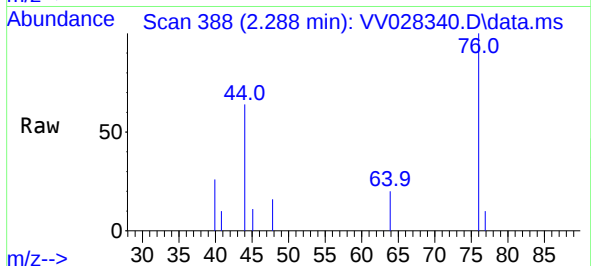




#14
Carbon disulfide
Concen: 0.061 ug/L
RT: 2.288 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV028340.D
Acq: 04 Oct 2022 21:19

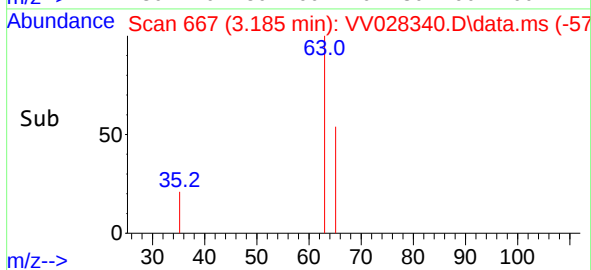
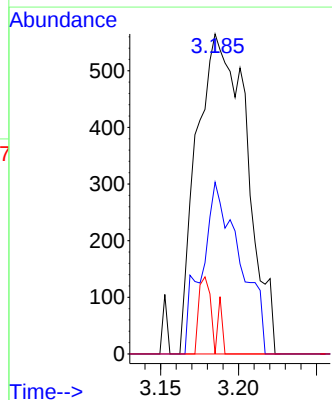
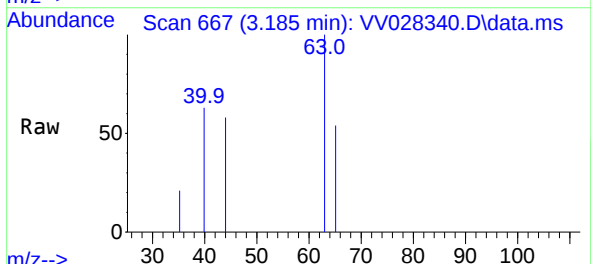
Instrument :
MSVOA_V
ClientSampleId :

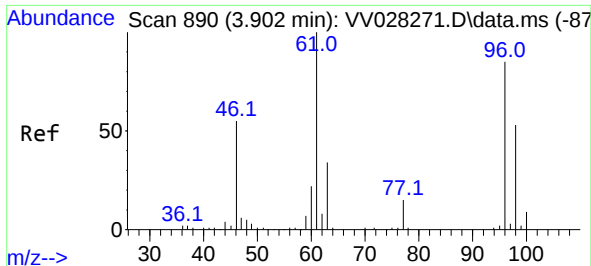
Tgt Ion: 76 Resp: 1901
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#



#19
1,1-Dichloroethane
Concen: 0.072 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.003 min
Lab File: VV028340.D
Acq: 04 Oct 2022 21:19

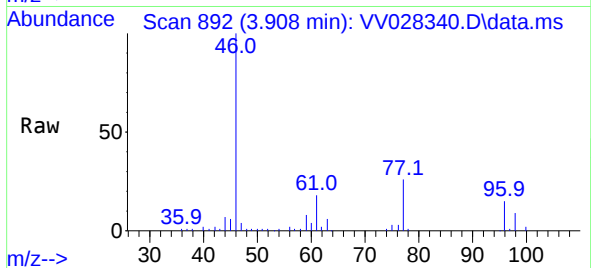
Tgt Ion: 63 Resp: 1263
Ion Ratio Lower Upper
63 100
65 53.6 23.0 42.8#
83 0.0 9.2 17.2#



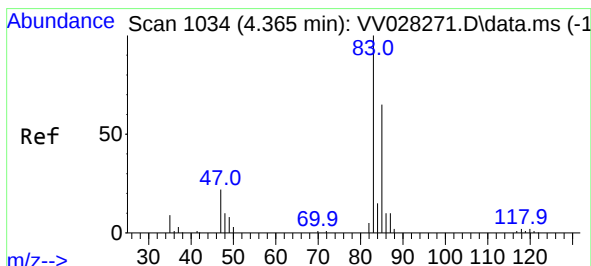
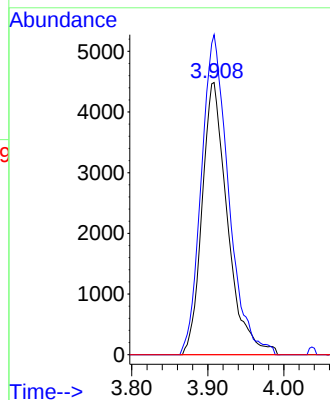
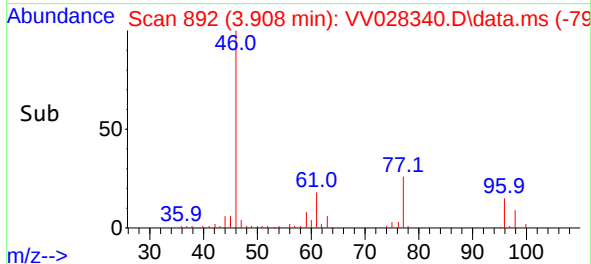


#22
cis-1,2-Dichloroethene
Concen: 1.002 ug/L
RT: 3.908 min Scan# 890
Delta R.T. 0.003 min
Lab File: VV028340.D
Acq: 04 Oct 2022 21:19

Instrument :
MSVOA_V
ClientSampleId :

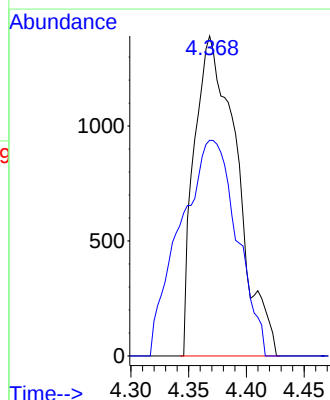
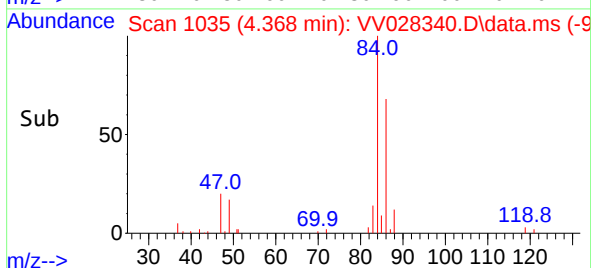
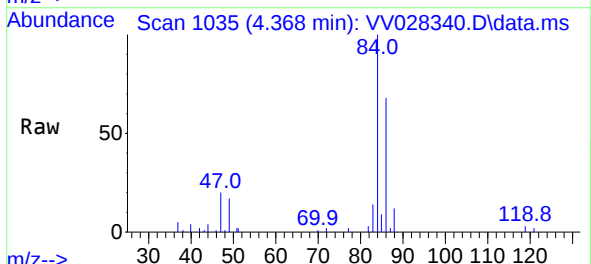


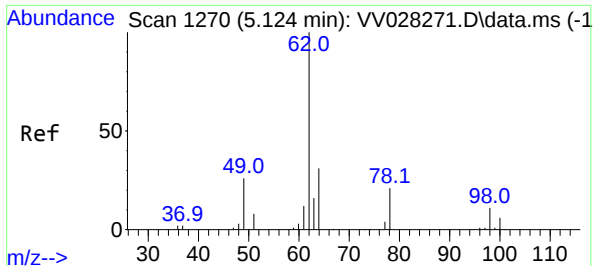
Tgt Ion: 96 Resp: 10444
Ion Ratio Lower Upper
96 100
61 117.6 87.2 161.9
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.185 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VV028340.D
Acq: 04 Oct 2022 21:19

Tgt Ion: 83 Resp: 3568
Ion Ratio Lower Upper
83 100
85 67.4 45.1 83.7

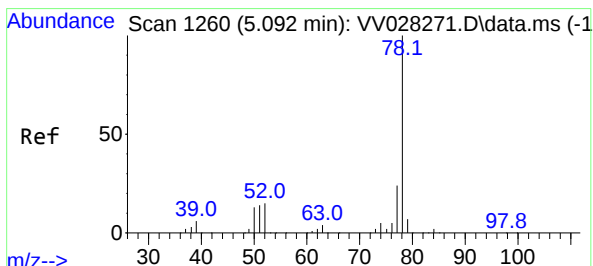
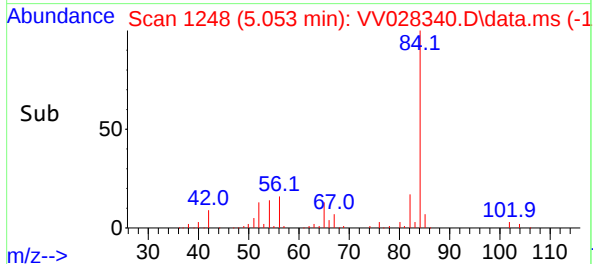
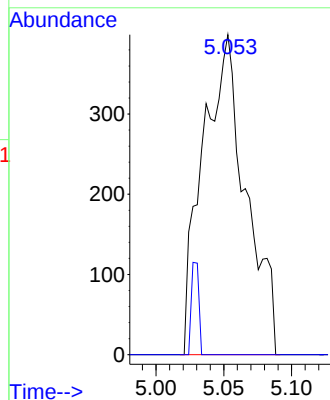
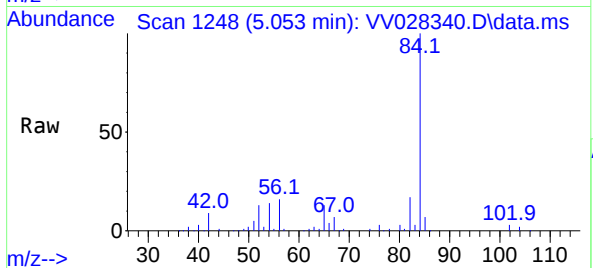




#27
1,2-Dichloroethane
Concen: 0.085 ug/L
RT: 5.053 min Scan# 11
Delta R.T. -0.074 min
Lab File: VV028340.D
Acq: 04 Oct 2022 21:19

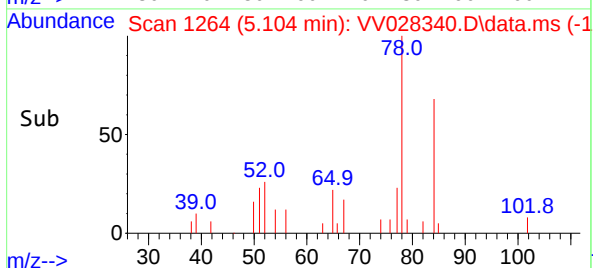
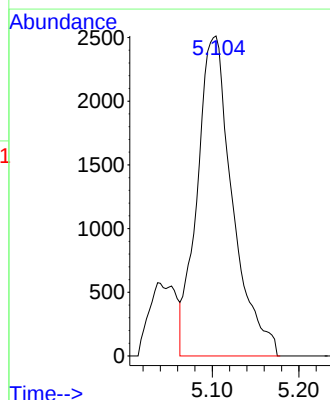
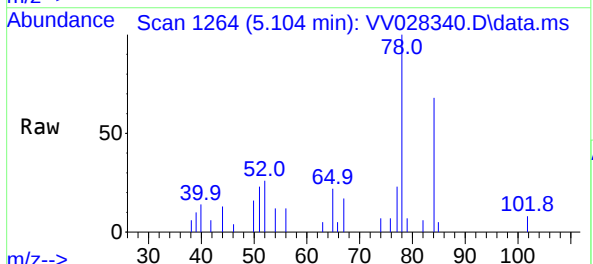
Instrument :
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ClientSampleId :

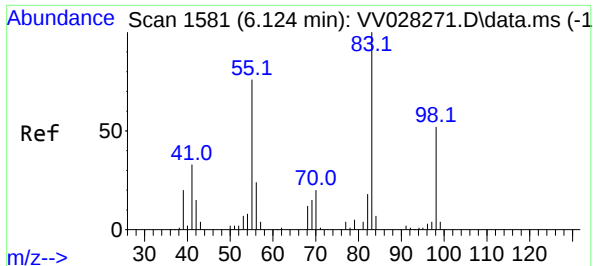
Tgt Ion: 62 Resp: 882
Ion Ratio Lower Upper
62 100
98 0.0 6.7 10.1#



#33
Benzene
Concen: 0.165 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.013 min
Lab File: VV028340.D
Acq: 04 Oct 2022 21:19

Tgt Ion: 78 Resp: 7101





#35

Methylcyclohexane

Concen: 0.701 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.058 min

Lab File: VV028340.D

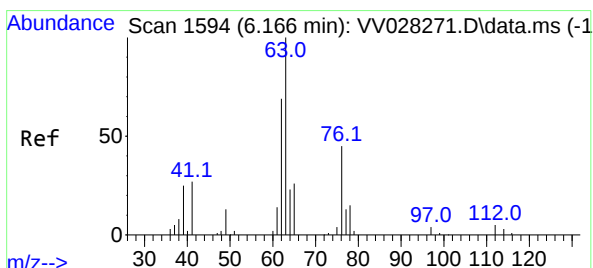
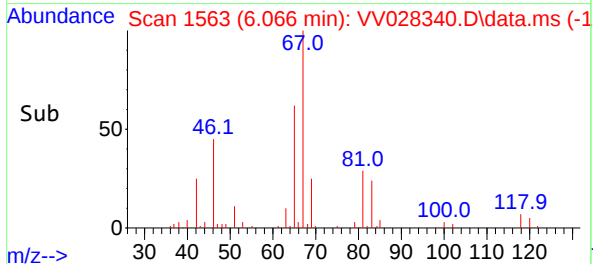
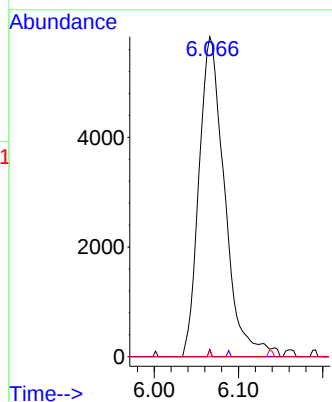
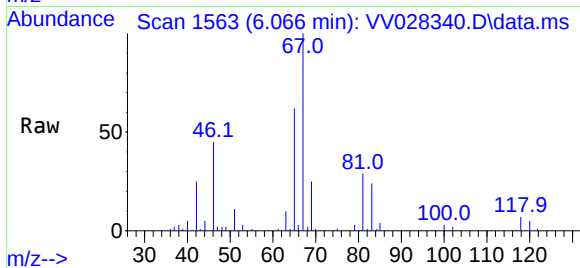
Acq: 04 Oct 2022 21:19

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 12345
Ion Ratio	Lower Upper
83 100	
55 0.2	64.7 97.1#
98 0.2	39.5 59.3#



#37

1,2-Dichloropropane

Concen: 0.524 ug/L

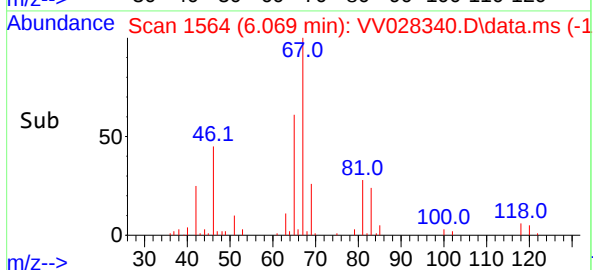
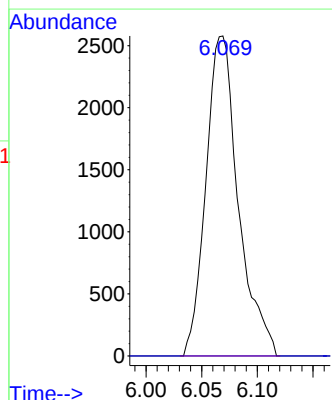
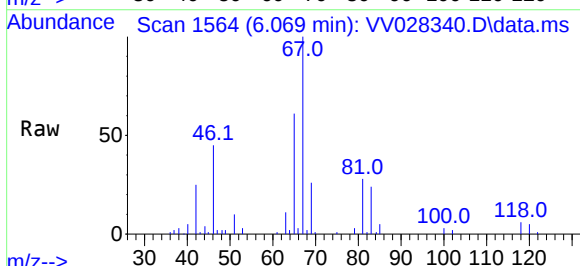
RT: 6.069 min Scan# 1564

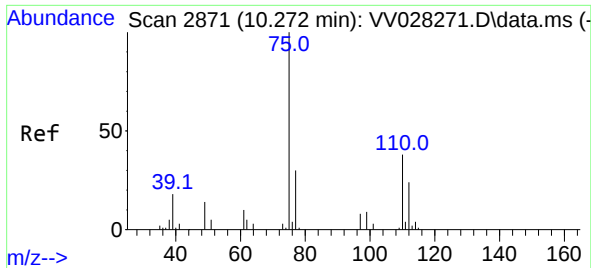
Delta R.T. -0.100 min

Lab File: VV028340.D

Acq: 04 Oct 2022 21:19

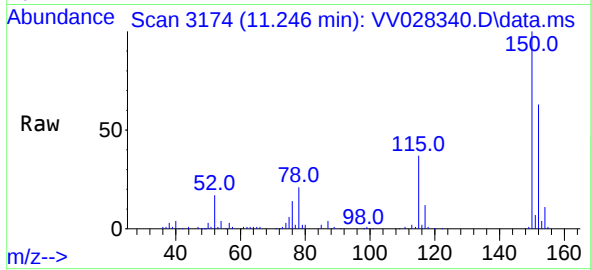
Tgt Ion: 63	Resp: 5229
Ion Ratio	Lower Upper
63 100	
112 0.0	3.5 5.3#





#61
 1,2,3-Trichloropropane
 Concen: 1.331 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.975 min
 Lab File: VV028340.D
 Acq: 04 Oct 2022 21:19

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 6996
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.7 40.1
 110 0.6 30.1 45.1#

