

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070722\
 Data File : VW026677.D
 Acq On : 07 Jul 2022 15:19
 Operator : SY/MD
 Sample : N3601-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUA4

Quant Time: Jul 08 03:01:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 08 02:58:15 2022
 Response via : Initial Calibration

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

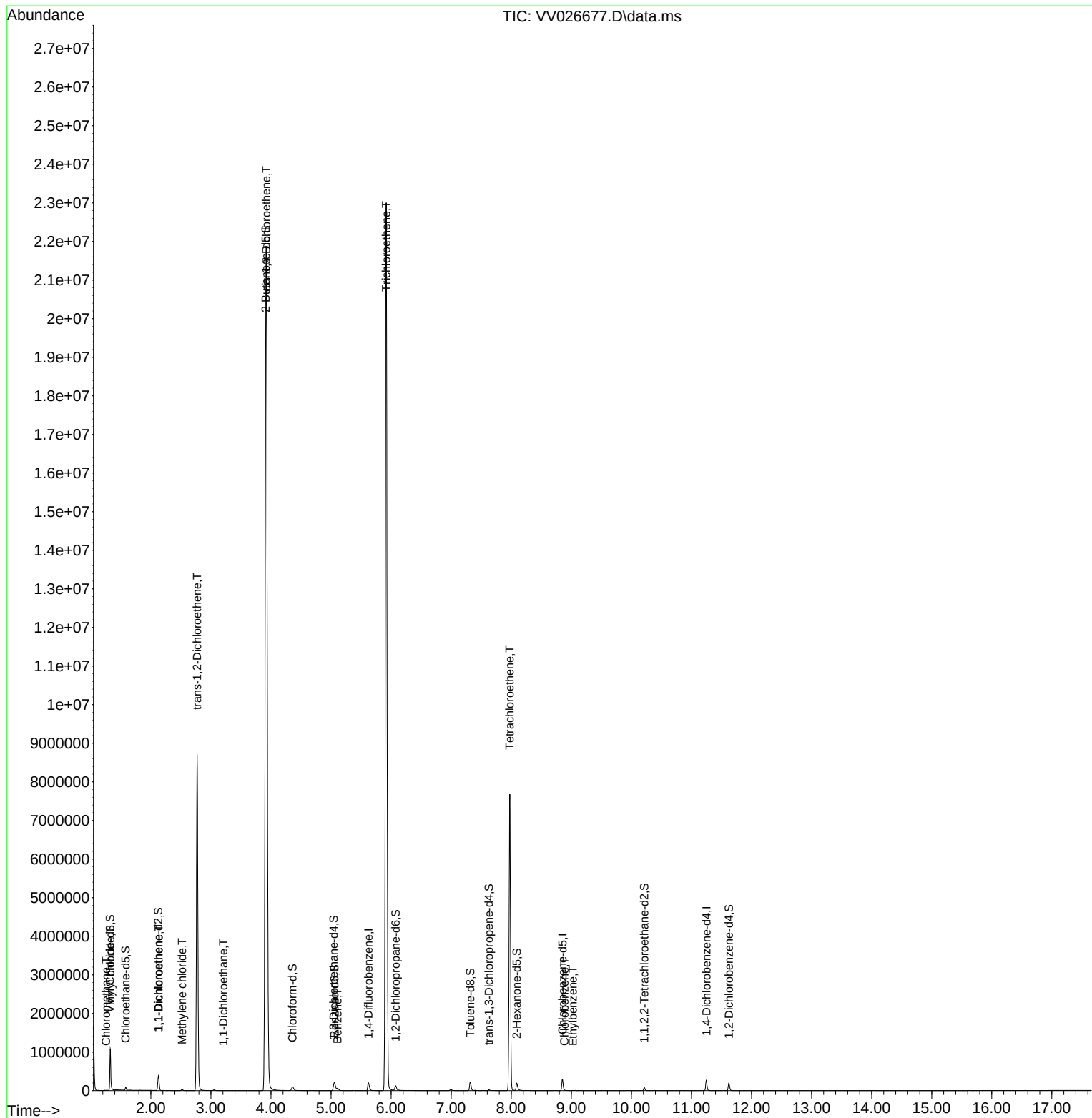
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	188402	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	176781	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74653	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	64446	4.253	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	85.000%	
7) Chloroethane-d5	1.580	69	52426	4.307	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.200%	
11) 1,1-Dichloroethene-d2	2.124	63	128797	4.784	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.600%	
20) 2-Butanone-d5	3.911	46	98008	65.063	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	130.120%#	
24) Chloroform-d	4.358	84	104154	4.205	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.200%	
26) 1,2-Dichloroethane-d4	5.043	65	42657	4.471	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.400%	
32) Benzene-d6	5.056	84	206470	4.066	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.400%	
36) 1,2-Dichloropropane-d6	6.075	67	63502	4.548	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.000%	
41) Toluene-d8	7.316	98	162384	3.556	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	71.200%	
43) trans-1,3-Dichloroprop...	7.628	79	14797	4.100	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.000%	
46) 2-Hexanone-d5	8.091	63	69430	50.504	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.000%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40000	4.379	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	54859	4.441	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.800%	
Target Compounds						Qvalue
3) Chloromethane	1.256	50	3083	0.196	ug/L	93
5) Vinyl chloride	1.326	62	702379	42.046	ug/L	93
12) 1,1-Dichloroethene	2.130	96	88538	6.958	ug/L	92
16) Methylene chloride	2.519	84	18269	1.352	ug/L	95
18) trans-1,2-Dichloroethene	2.770	96	3379912	260.346	ug/L	97
19) 1,1-Dichloroethane	3.207	63	2022	0.087	ug/L	99
22) cis-1,2-Dichloroethene	3.921	96	12985699	1007.300	ug/L	95
33) Benzene	5.108	78	66960	1.297	ug/L	100
34) Trichloroethene	5.918	95	8048023	593.084	ug/L	98
47) Tetrachloroethene	7.976	164	1674861	155.025	ug/L	99
51) Chlorobenzene	8.886	112	3261	0.093	ug/L #	81
52) Ethylbenzene	9.024	91	2938	0.053	ug/L	87

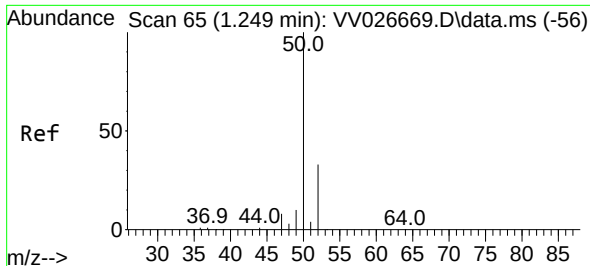
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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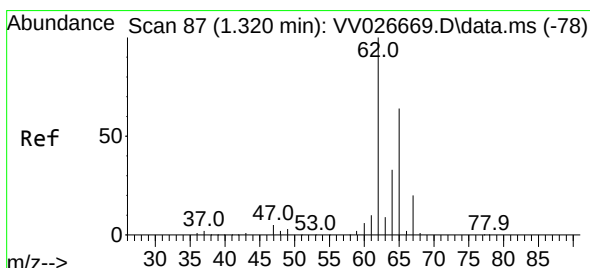
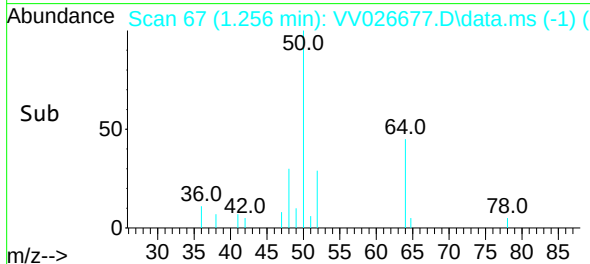
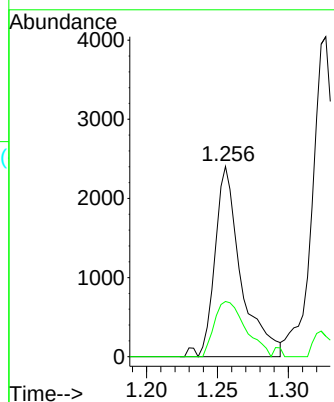
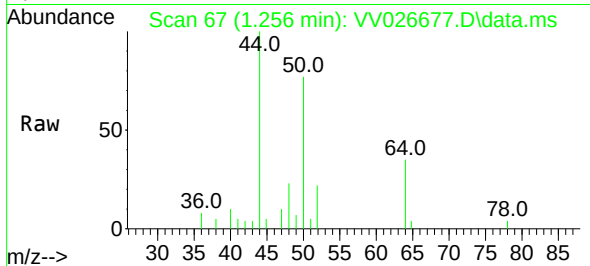




#3
Chloromethane
Concen: 0.196 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV026677.D
Acq: 07 Jul 2022 15:19

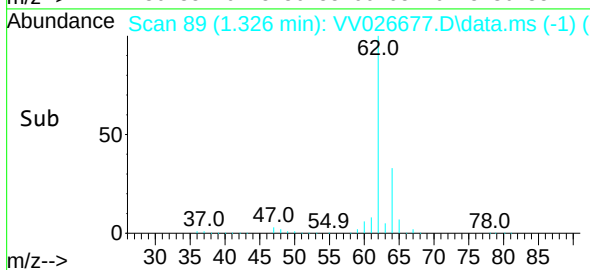
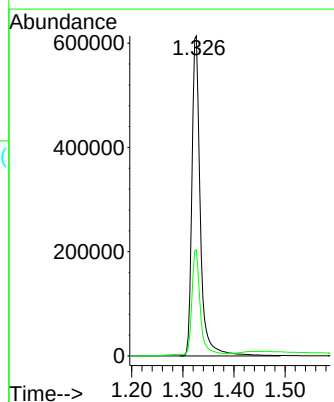
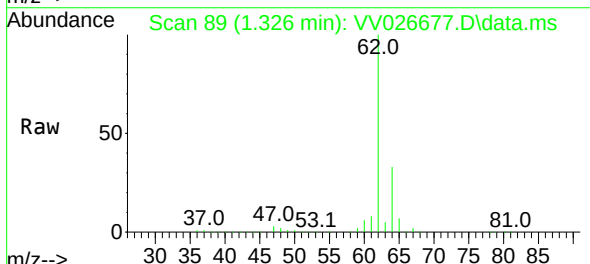
Instrument :
MSVOA_V
ClientSampleId :
DBUA4

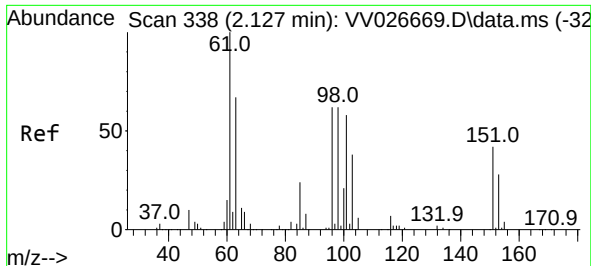
Tgt Ion: 50 Resp: 3083
Ion Ratio Lower Upper
50 100
52 29.0 23.0 42.6



#5
Vinyl chloride
Concen: 42.046 ug/L
RT: 1.326 min Scan# 89
Delta R.T. 0.006 min
Lab File: VV026677.D
Acq: 07 Jul 2022 15:19

Tgt Ion: 62 Resp: 702379
Ion Ratio Lower Upper
62 100
64 33.2 26.2 48.6

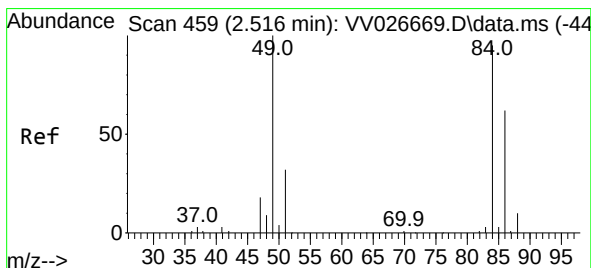
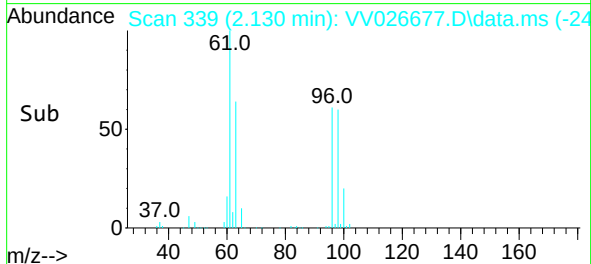
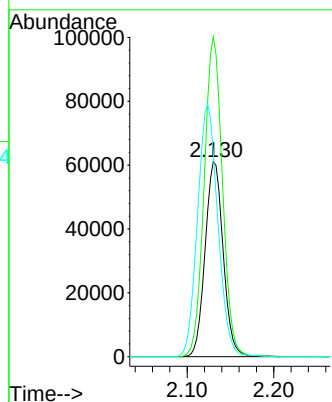
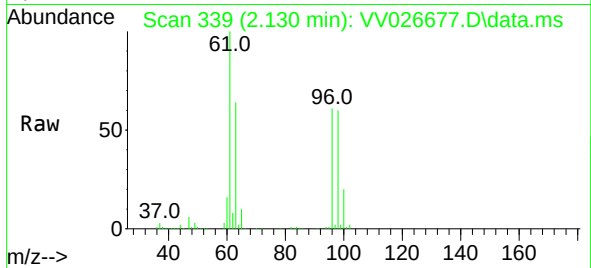




#12
1,1-Dichloroethene
Concen: 6.958 ug/L
RT: 2.130 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV026677.D
Acq: 07 Jul 2022 15:19

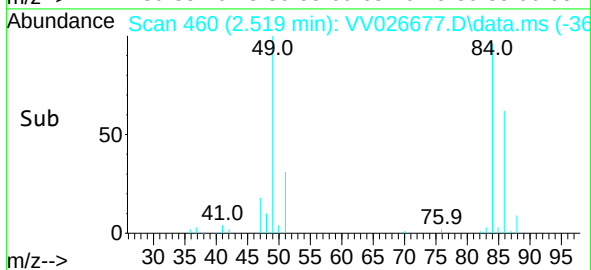
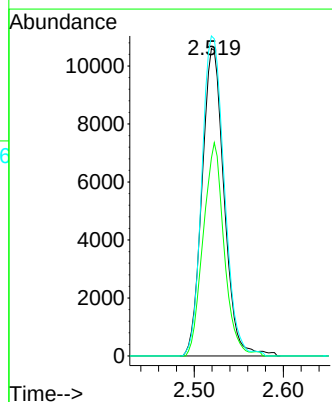
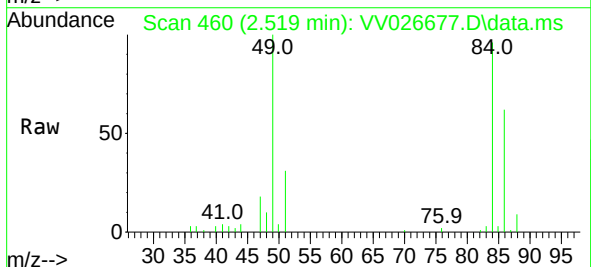
Instrument :
MSVOA_V
ClientSampleId :
DBUA4

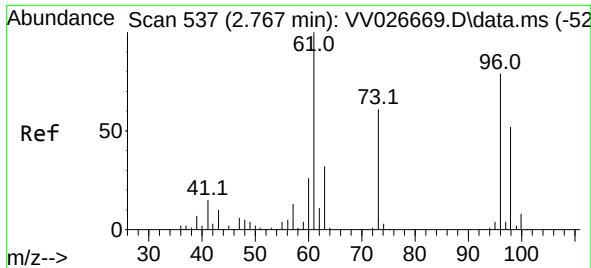
Tgt Ion: 96 Resp: 88538
Ion Ratio Lower Upper
96 100
61 163.9 115.4 214.4
63 104.4 87.4 162.2



#16
Methylene chloride
Concen: 1.352 ug/L
RT: 2.519 min Scan# 460
Delta R.T. 0.003 min
Lab File: VV026677.D
Acq: 07 Jul 2022 15:19

Tgt Ion: 84 Resp: 18269
Ion Ratio Lower Upper
84 100
86 64.4 46.0 85.4
49 104.1 77.7 144.3

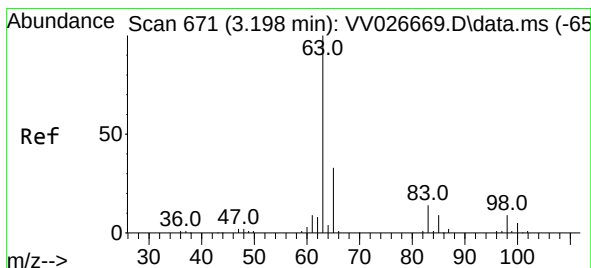
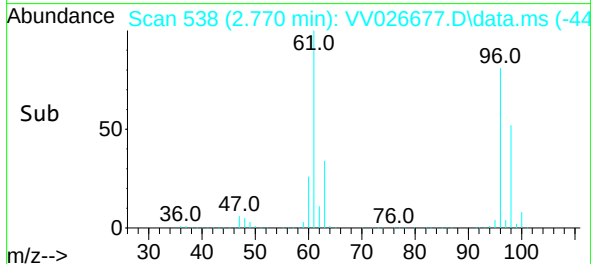
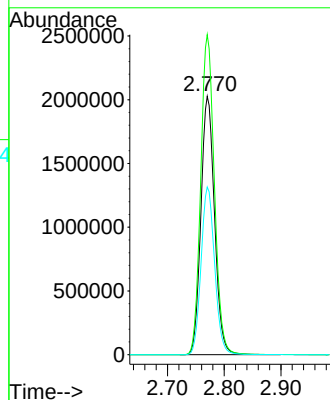
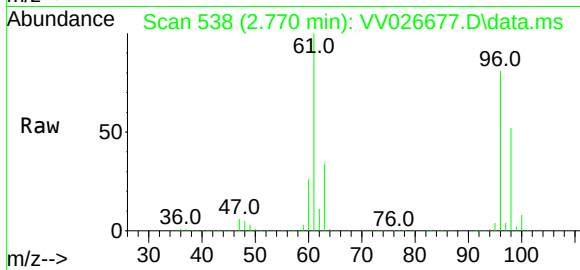




#18
trans-1,2-Dichloroethene
Concen: 260.346 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV026677.D
Acq: 07 Jul 2022 15:19

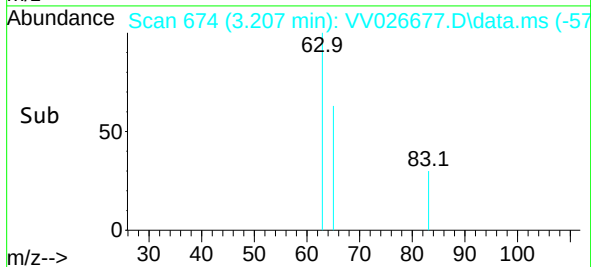
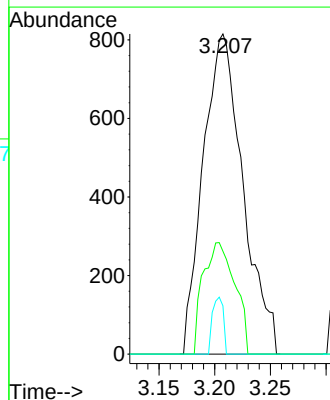
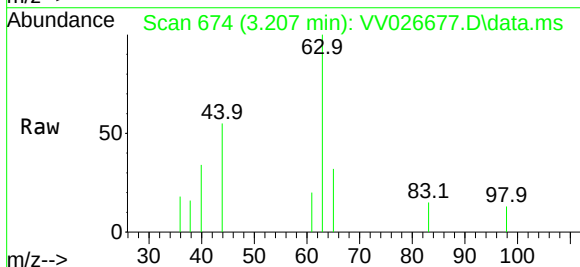
Instrument :
MSVOA_V
ClientSampleId :
DBUA4

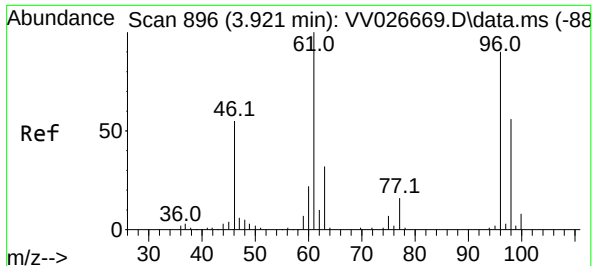
Tgt Ion: 96 Resp: 3379912
Ion Ratio Lower Upper
96 100
61 123.8 90.4 167.8
98 64.9 45.6 84.8



#19
1,1-Dichloroethane
Concen: 0.087 ug/L
RT: 3.207 min Scan# 674
Delta R.T. 0.009 min
Lab File: VV026677.D
Acq: 07 Jul 2022 15:19

Tgt Ion: 63 Resp: 2022
Ion Ratio Lower Upper
63 100
65 32.1 23.0 42.6
83 15.1 10.2 19.0





#22

cis-1,2-Dichloroethene

Concen: 1007.300 ug/L

RT: 3.921 min Scan# 896

Delta R.T. -0.000 min

Lab File: VV026677.D

Acq: 07 Jul 2022 15:19

Instrument :

MSVOA_V

ClientSampleId :

DBUA4

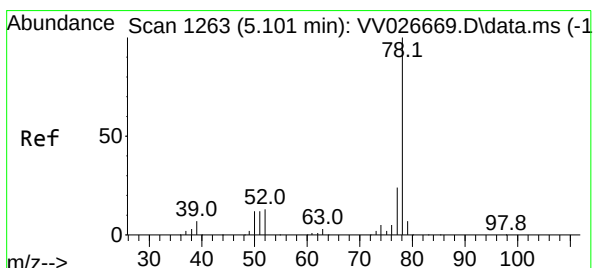
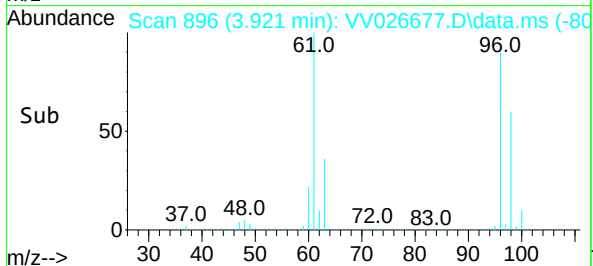
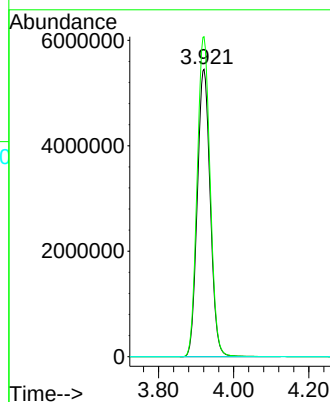
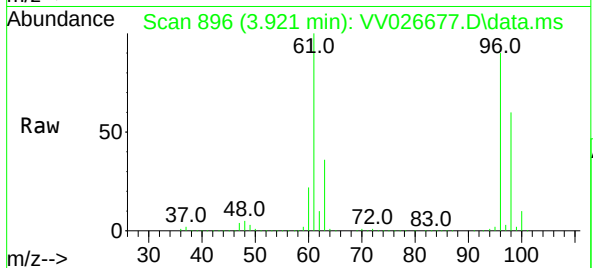
Tgt Ion: 96 Resp:12985699

Ion Ratio Lower Upper

96 100

61 111.3 82.0 152.2

68 0.0 0.0 0.0



#33

Benzene

Concen: 1.297 ug/L

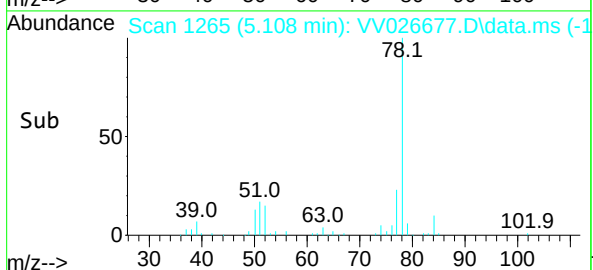
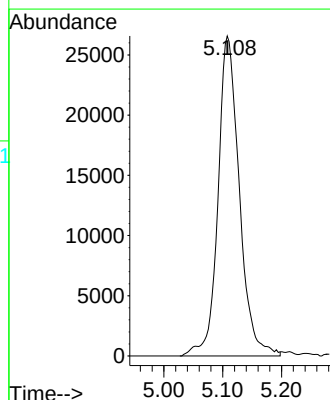
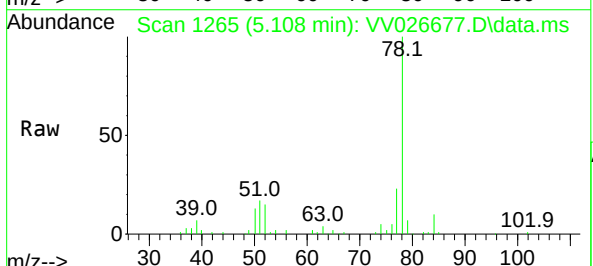
RT: 5.108 min Scan# 1265

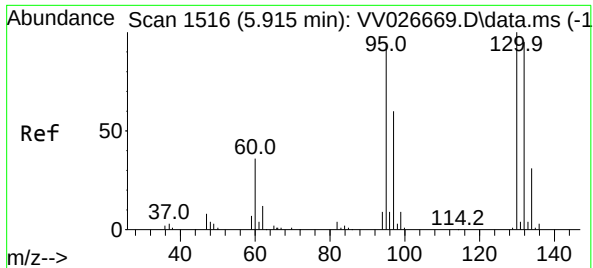
Delta R.T. 0.006 min

Lab File: VV026677.D

Acq: 07 Jul 2022 15:19

Tgt Ion: 78 Resp: 66960

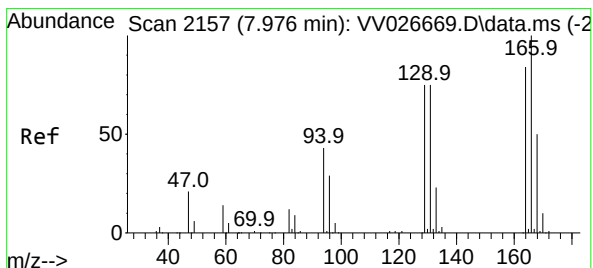
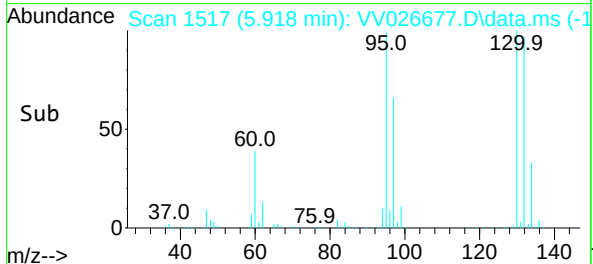
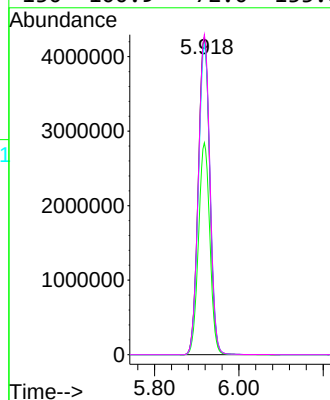
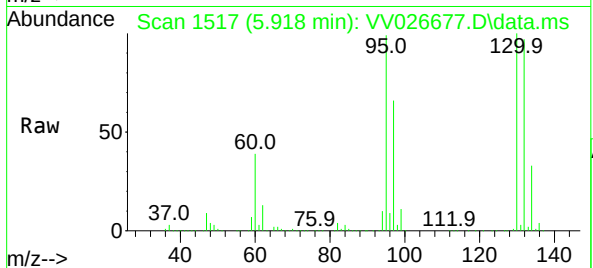




#34
 Trichloroethene
 Concen: 593.084 ug/L
 RT: 5.918 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VV026677.D
 Acq: 07 Jul 2022 15:19

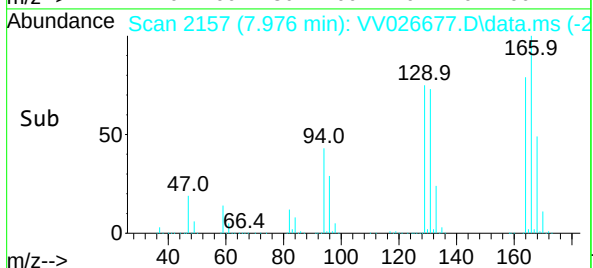
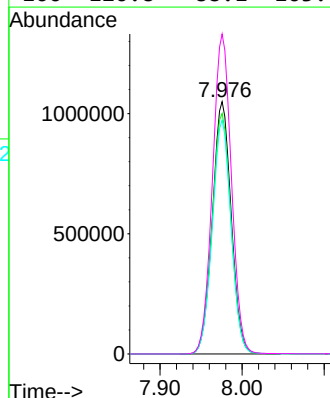
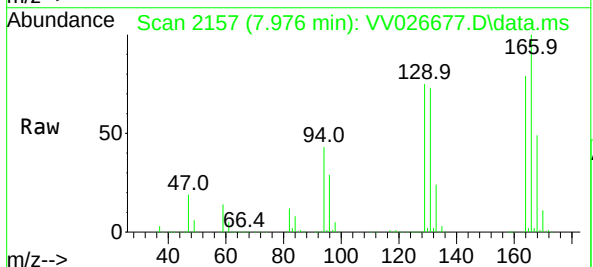
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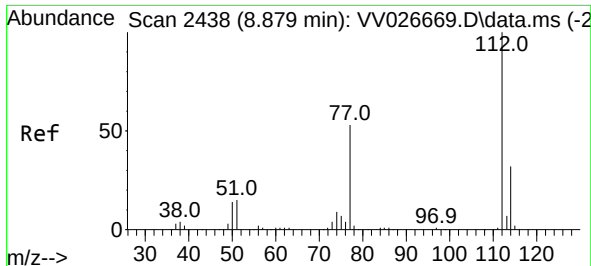
Tgt Ion: 95 Resp: 8048023
 Ion Ratio Lower Upper
 95 100
 97 66.8 46.8 87.0
 132 97.7 69.9 129.7
 130 100.9 72.0 133.8



#47
 Tetrachloroethene
 Concen: 155.025 ug/L
 RT: 7.976 min Scan# 2157
 Delta R.T. -0.000 min
 Lab File: VV026677.D
 Acq: 07 Jul 2022 15:19

Tgt Ion:164 Resp: 1674861
 Ion Ratio Lower Upper
 164 100
 129 95.3 66.4 123.2
 131 92.6 64.4 119.6
 166 126.8 88.1 163.7

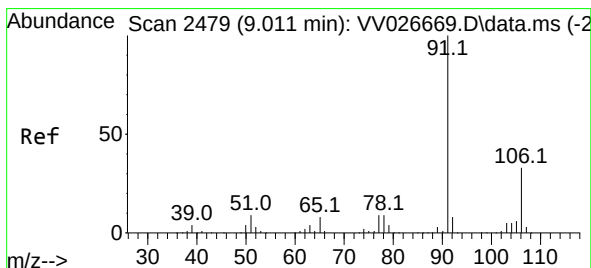
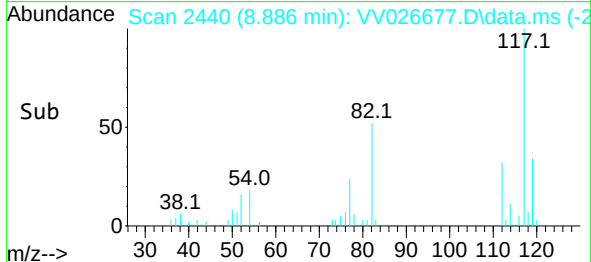
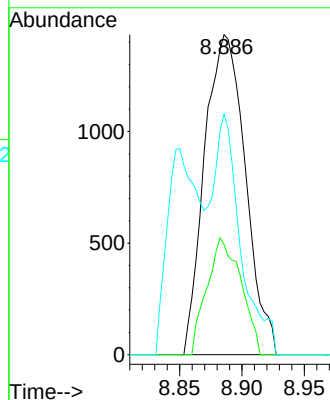
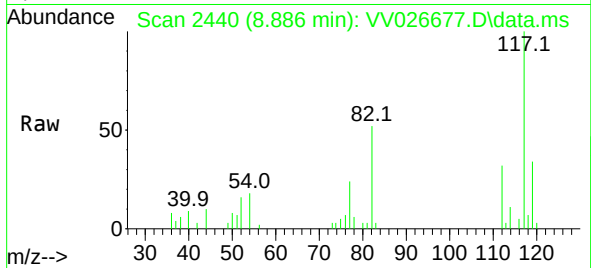




#51
Chlorobenzene
Concen: 0.093 ug/L
RT: 8.886 min Scan# 2438
Delta R.T. 0.006 min
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Tgt Ion:112 Resp: 3261
Ion Ratio Lower Upper
112 100
114 34.4 22.3 41.5
77 75.2 44.4 66.6#



#52
Ethylbenzene
Concen: 0.053 ug/L
RT: 9.024 min Scan# 2483
Delta R.T. 0.013 min
Lab File: VV026677.D
Acq: 07 Jul 2022 15:19

Tgt Ion: 91 Resp: 2938
Ion Ratio Lower Upper
91 100
106 38.8 22.1 41.1

