

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100721\
 Data File : VW022666.D
 Acq On : 07 Oct 2021 16:42
 Operator : SY/MD
 Sample : M4051-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AW2

Quant Time: Oct 08 04:02:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 08 04:01:59 2021
 Response via : Initial Calibration

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

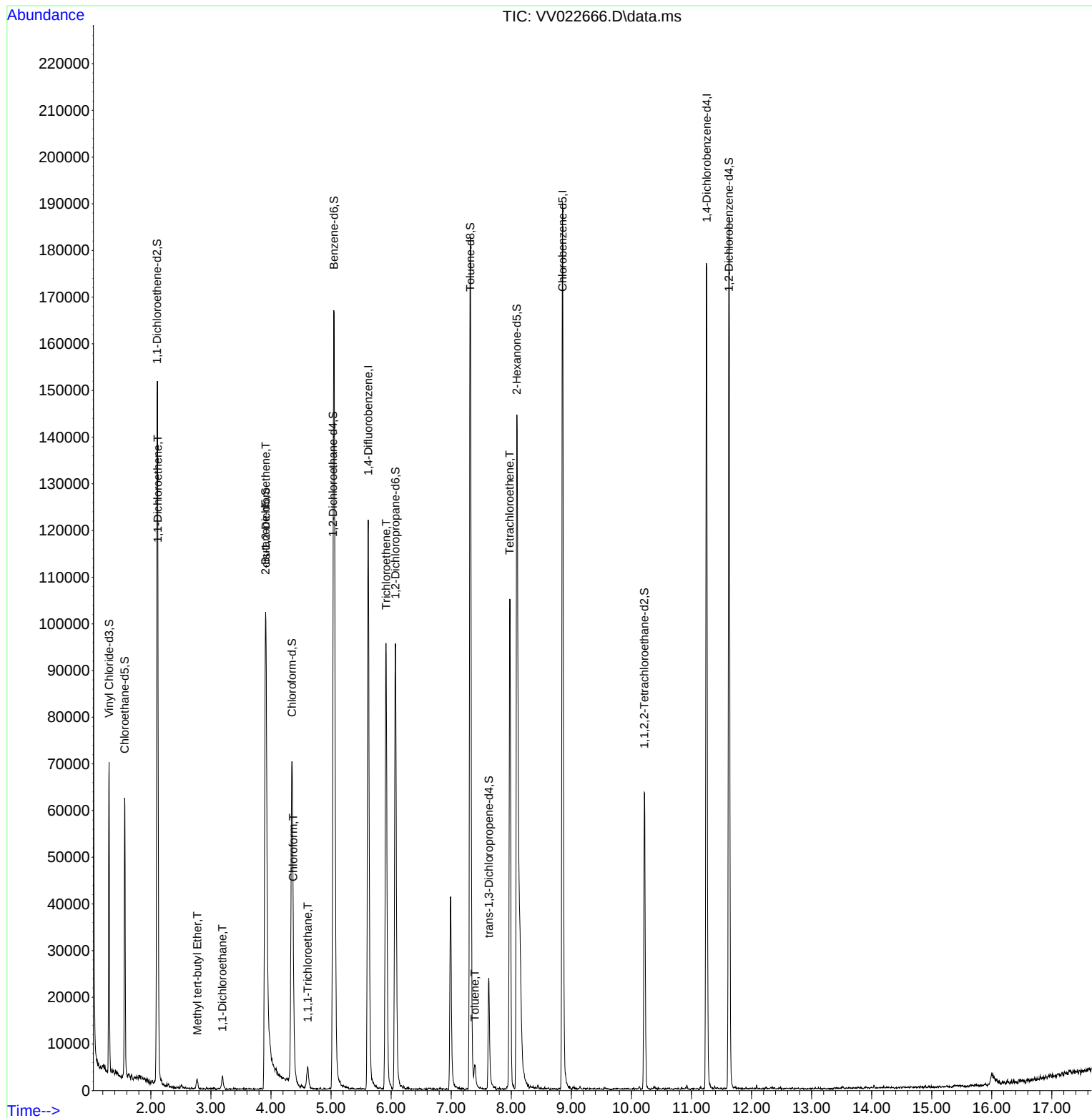
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	107775	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	109891	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	49445	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	39896	5.380	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.600%
7) Chloroethane-d5	1.565	69	36507	5.479	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.600%
11) 1,1-Dichloroethene-d2	2.105	63	69515	4.779	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.600%
20) 2-Butanone-d5	3.908	46	60032	30.877	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	61.760%
24) Chloroform-d	4.349	84	74713	4.889	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.034	65	36032	4.858	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.050	84	152138	4.651	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.072	67	46915	4.843	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.317	98	127169	4.497	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	7.629	79	14688	4.570	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.092	63	59349	45.824	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.640%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	30956	4.717	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	50540	5.513	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.200%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.118	96	17674	2.715	ug/L #	82
17) Methyl tert-butyl Ether	2.773	73	1478	0.094	ug/L #	95
19) 1,1-Dichloroethane	3.191	63	2817	0.221	ug/L	93
22) cis-1,2-Dichloroethene	3.912	96	48474	6.521	ug/L	96
25) Chloroform	4.371	83	4901	0.332	ug/L	80
29) 1,1,1-Trichloroethane	4.613	97	3856	0.307	ug/L	100
34) Trichloroethene	5.918	95	33091	4.112	ug/L	97
42) Toluene	7.394	91	3395	0.113	ug/L #	75
47) Tetrachloroethene	7.976	164	25215	3.874	ug/L	98

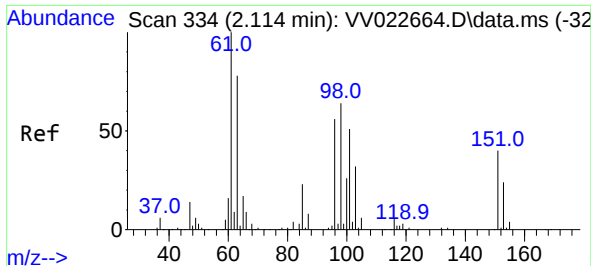
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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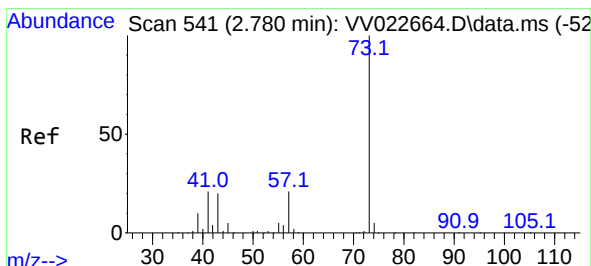
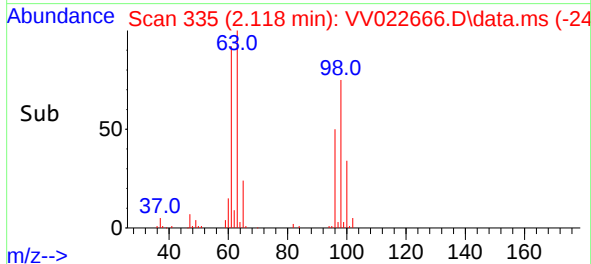
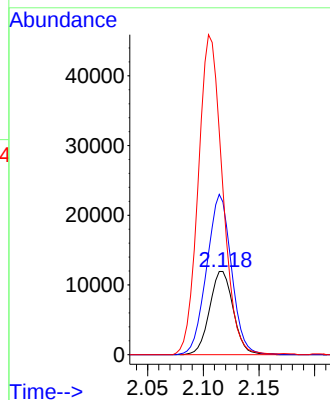
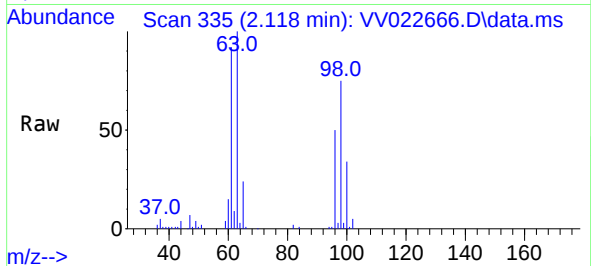




#12
1,1-Dichloroethene
Concen: 2.715 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV022666.D
Acq: 07 Oct 2021 16:42

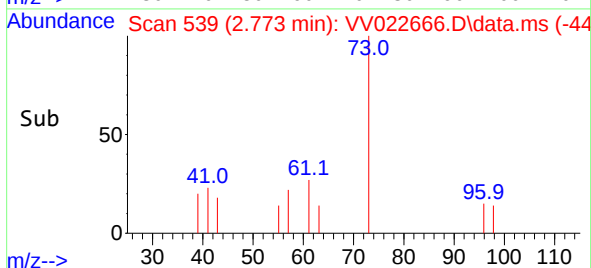
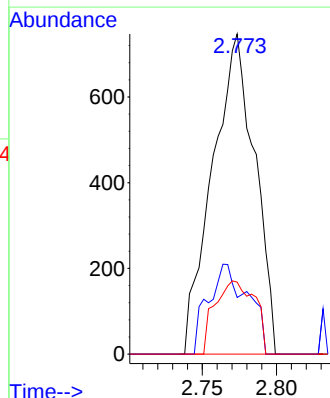
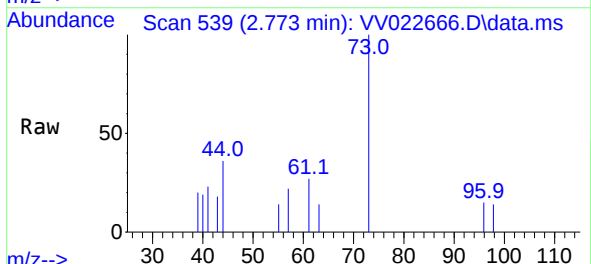
Instrument :
MSVOA_V
ClientSampleId :
C0AW2

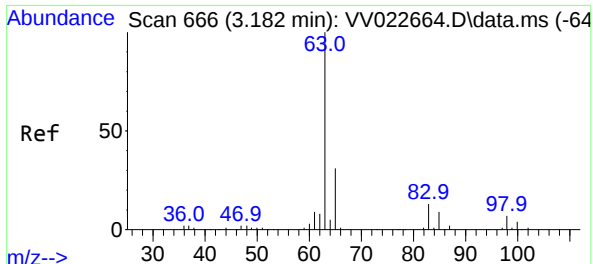
Tgt Ion: 96 Resp: 17674
Ion Ratio Lower Upper
96 100
61 183.4 127.3 236.5
63 199.5 106.2 197.2#



#17
Methyl tert-butyl Ether
Concen: 0.094 ug/L
RT: 2.773 min Scan# 539
Delta R.T. -0.006 min
Lab File: VV022666.D
Acq: 07 Oct 2021 16:42

Tgt Ion: 73 Resp: 1478
Ion Ratio Lower Upper
73 100
43 26.3 17.1 25.7#
57 21.4 17.2 25.8



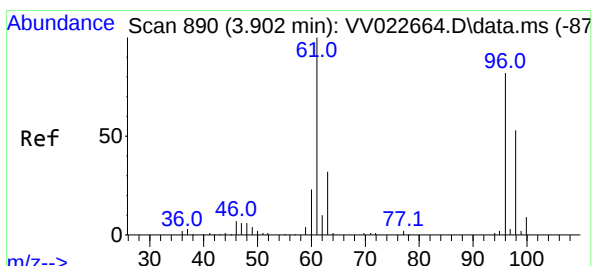
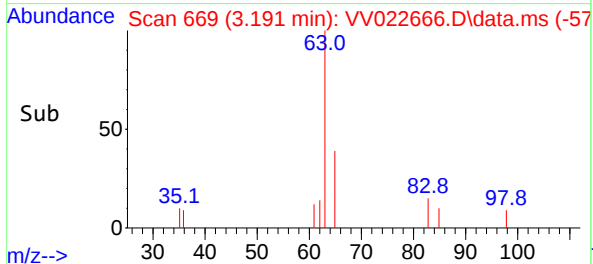
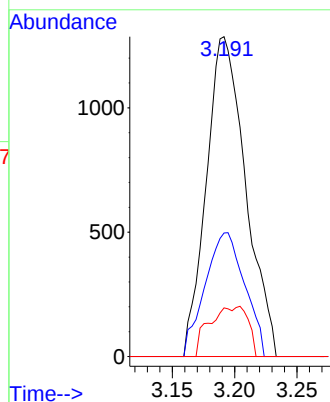
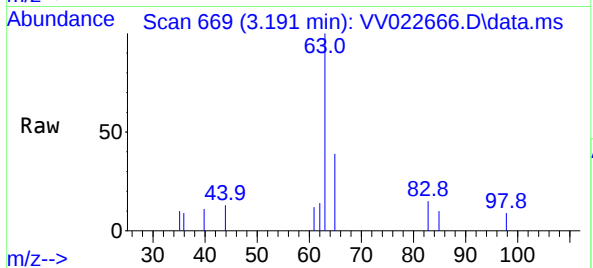


#19
1,1-Dichloroethane
Concen: 0.221 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.010 min
Lab File: VV022666.D
Acq: 07 Oct 2021 16:42

Instrument :
MSVOA_V
ClientSampleId :
C0AW2

Tgt Ion: 63 Resp: 2817

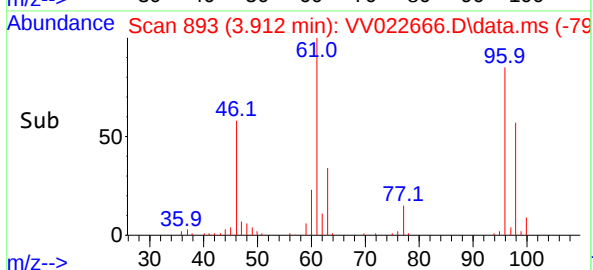
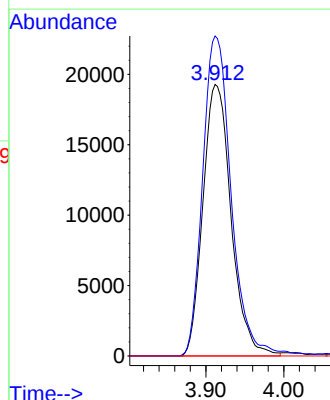
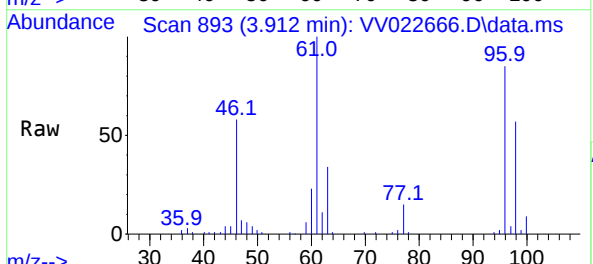
Ion	Ratio	Lower	Upper
63	100		
65	38.6	23.5	43.7
83	15.2	10.1	18.7

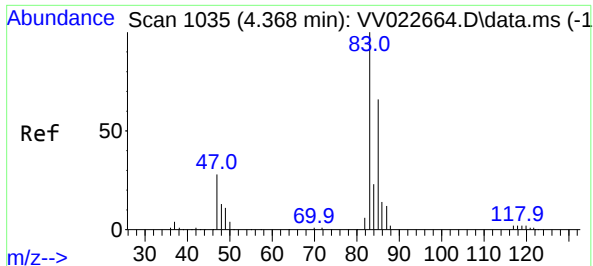


#22
cis-1,2-Dichloroethene
Concen: 6.521 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.010 min
Lab File: VV022666.D
Acq: 07 Oct 2021 16:42

Tgt Ion: 96 Resp: 48474

Ion	Ratio	Lower	Upper
96	100		
61	117.9	86.0	159.6
68	0.0	0.0	0.0



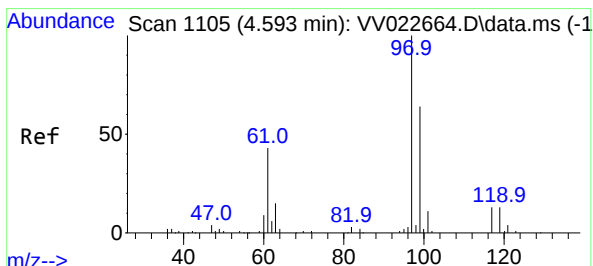
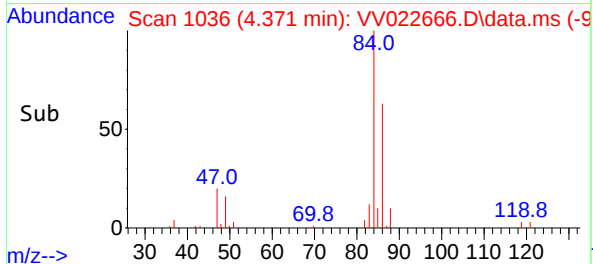
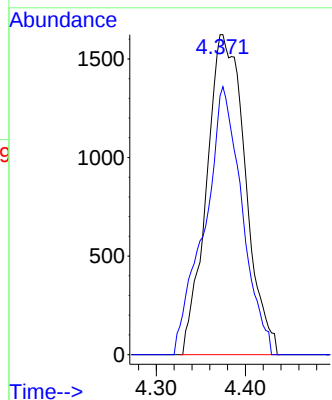
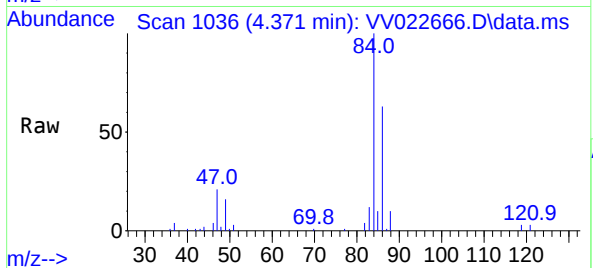


#25

Chloroform
Concen: 0.332 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV022666.D
Acq: 07 Oct 2021 16:42

Instrument :
MSVOA_V
ClientSampled :
C0AW2

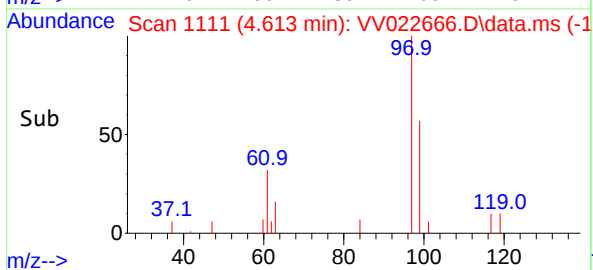
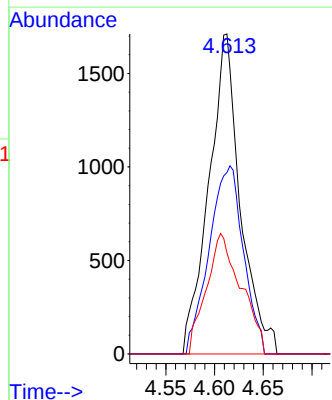
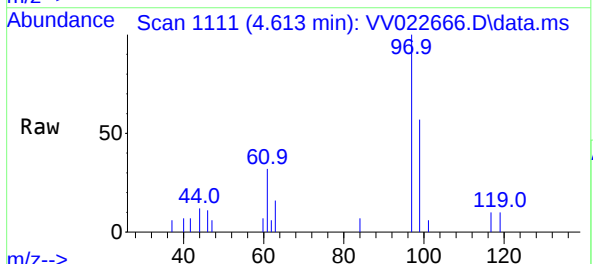
Tgt Ion: 83 Resp: 4901
Ion Ratio Lower Upper
83 100
85 80.8 45.7 84.9

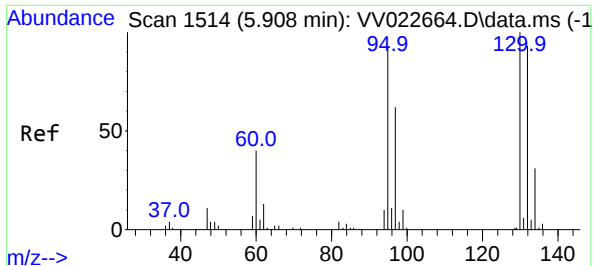


#29

1,1,1-Trichloroethane
Concen: 0.307 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.019 min
Lab File: VV022666.D
Acq: 07 Oct 2021 16:42

Tgt Ion: 97 Resp: 3856
Ion Ratio Lower Upper
97 100
99 64.0 51.2 76.8
61 41.3 33.2 49.8

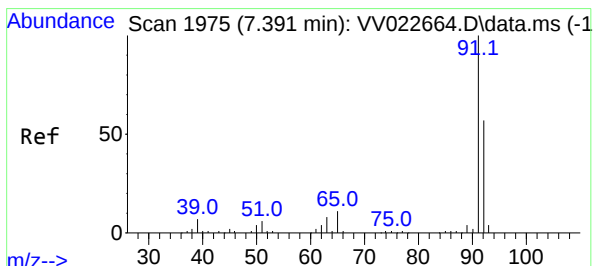
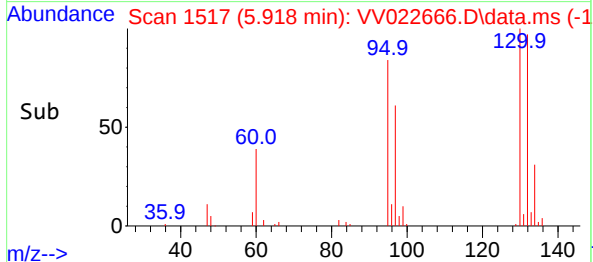
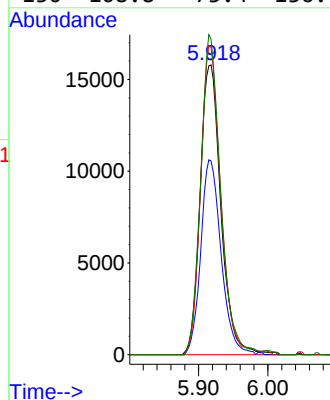
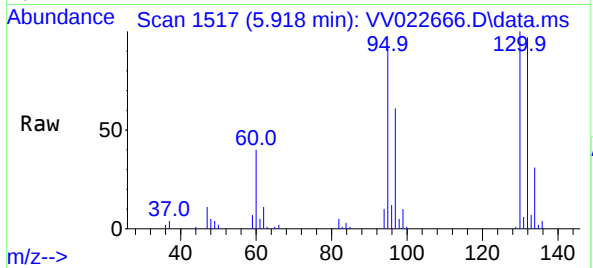




#34
Trichloroethene
Concen: 4.112 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.010 min
Lab File: VV022666.D
Acq: 07 Oct 2021 16:42

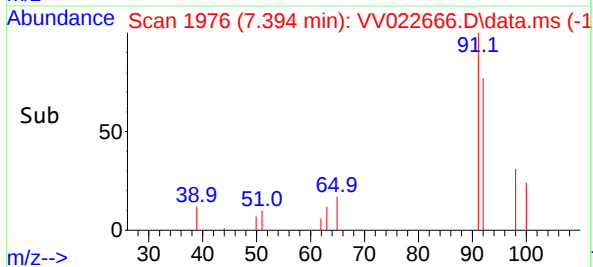
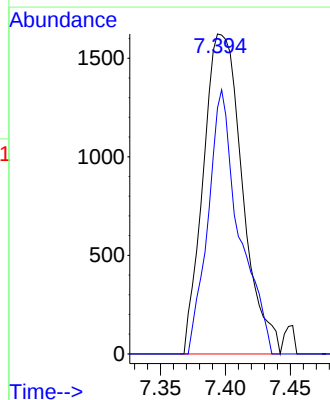
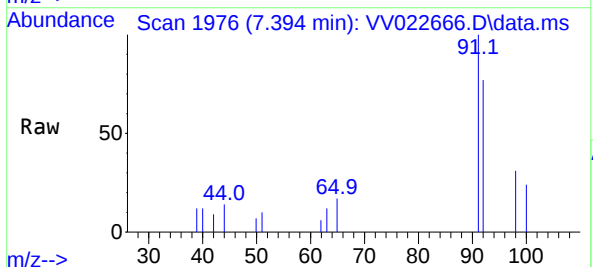
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MSVOA_V
ClientSampleId :
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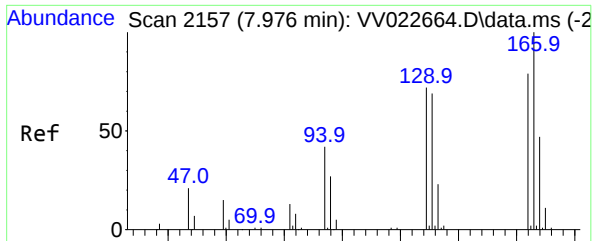
Tgt Ion: 95 Resp: 33091
Ion Ratio Lower Upper
95 100
97 66.9 45.8 85.2
132 106.1 72.2 134.0
130 108.8 73.4 136.4



#42
Toluene
Concen: 0.113 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.003 min
Lab File: VV022666.D
Acq: 07 Oct 2021 16:42

Tgt Ion: 91 Resp: 3395
Ion Ratio Lower Upper
91 100
92 76.8 40.7 75.7#





#47
Tetrachloroethene
Concen: 3.874 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022666.D
Acq: 07 Oct 2021 16:42

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:164 Resp: 25215

Ion	Ratio	Lower	Upper
164	100		
129	89.8	65.0	120.6
131	85.4	62.2	115.4
166	127.1	89.2	165.8

