

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100721\
 Data File : VV022673.D
 Acq On : 07 Oct 2021 19:29
 Operator : SY/MD
 Sample : M4052-01DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AX1DL

Quant Time: Oct 08 04:04:01 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

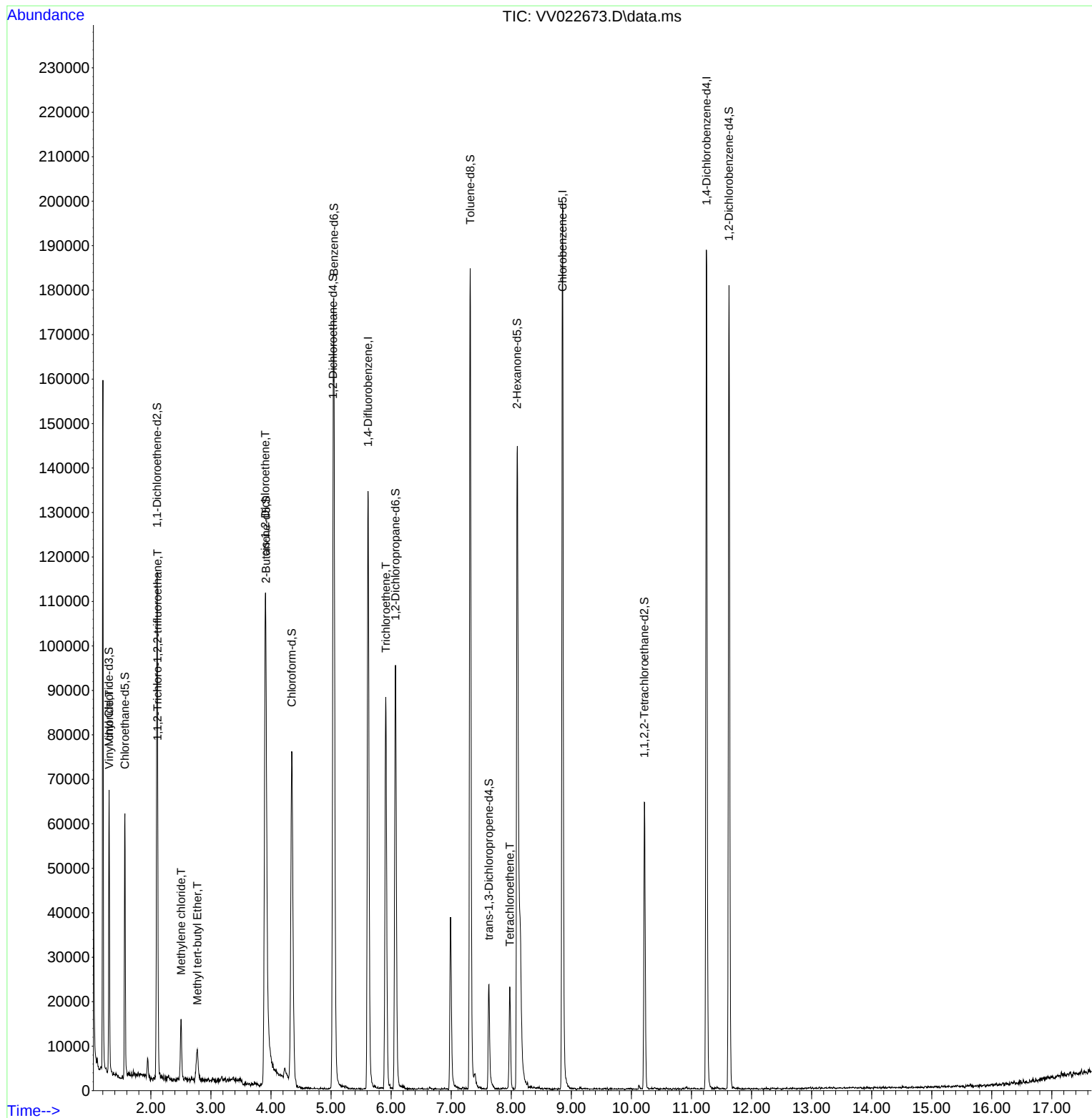
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	116925	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	115175	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51348	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	38364	4.769	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.400%	
7) Chloroethane-d5	1.568	69	33864	4.684	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.600%	
11) 1,1-Dichloroethene-d2	2.105	63	57134	3.621	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	72.400%	
20) 2-Butanone-d5	3.915	46	83948	39.798	ug/L	-0.05
Spiked Amount	50.000	Range 40 - 130	Recovery	=	79.600%	
24) Chloroform-d	4.346	84	74995	4.524	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.400%	
26) 1,2-Dichloroethane-d4	5.034	65	37040	4.603	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.000%	
32) Benzene-d6	5.047	84	150860	4.400	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.000%	
36) 1,2-Dichloropropane-d6	6.072	67	46342	4.564	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.200%	
41) Toluene-d8	7.317	98	123737	4.175	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.400%	
43) trans-1,3-Dichloroprop...	7.628	79	14994	4.451	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.000%	
46) 2-Hexanone-d5	8.098	63	58085	42.791	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	85.580%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31315	4.553	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	48000	5.042	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.800%	
Target Compounds						
5) Vinyl chloride	1.307	62	1027	0.116	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	2390	0.317	ug/L	87
16) Methylene chloride	2.503	84	5051	0.520	ug/L	86
17) Methyl tert-butyl Ether	2.773	73	5777	0.338	ug/L #	85
22) cis-1,2-Dichloroethene	3.905	96	44514	5.519	ug/L	97
34) Trichloroethene	5.911	95	29207	3.462	ug/L	99
47) Tetrachloroethene	7.979	164	5496	0.806	ug/L	93

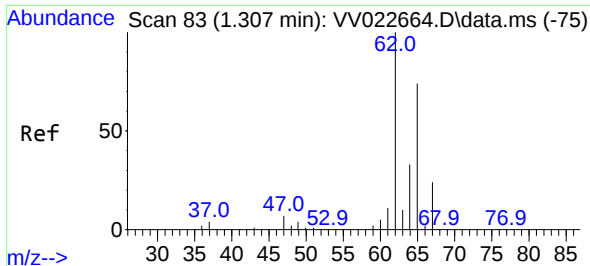
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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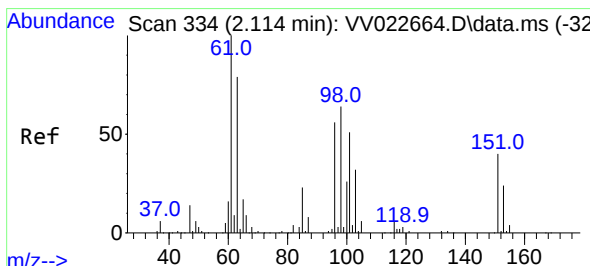
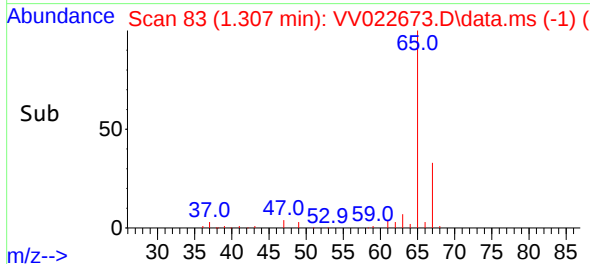
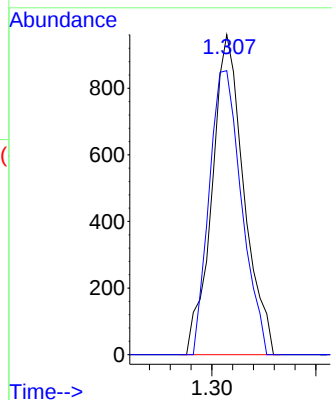
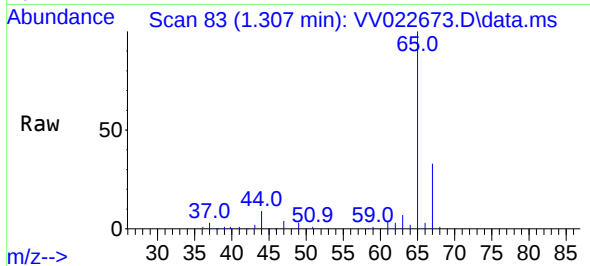




#5
 Vinyl chloride
 Concen: 0.116 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV022673.D
 Acq: 07 Oct 2021 19:29

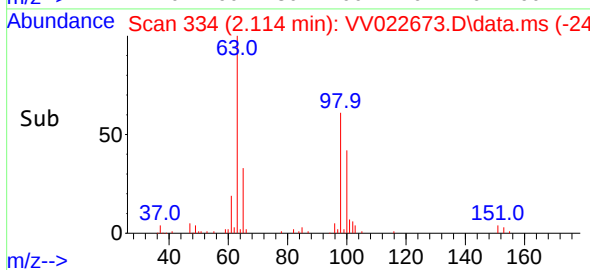
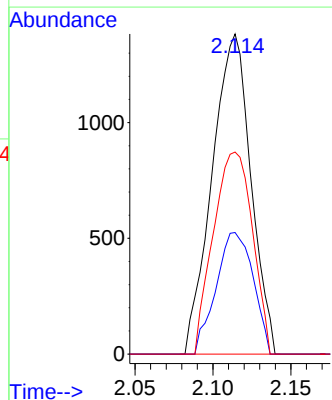
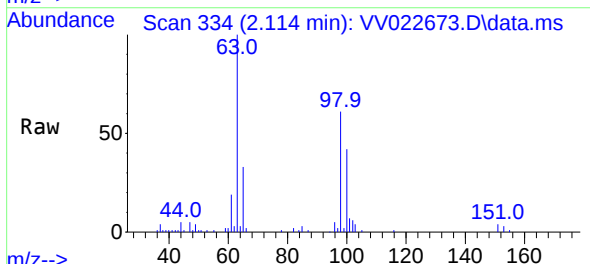
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AX1DL

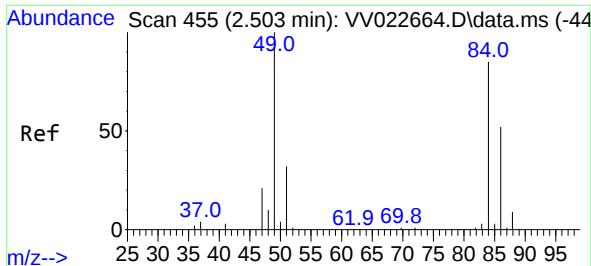
Tgt Ion: 62 Resp: 1027
 Ion Ratio Lower Upper
 62 100
 64 88.8 23.0 42.8#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.317 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV022673.D
 Acq: 07 Oct 2021 19:29

Tgt Ion: 101 Resp: 2390
 Ion Ratio Lower Upper
 101 100
 85 36.3 34.6 52.0
 151 63.7 60.9 91.3

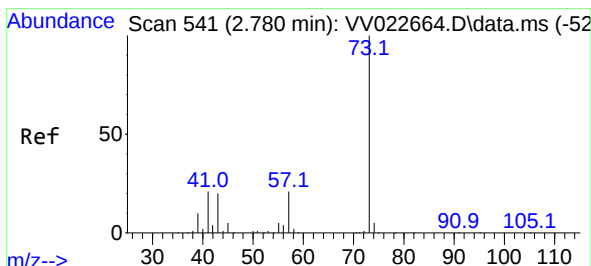
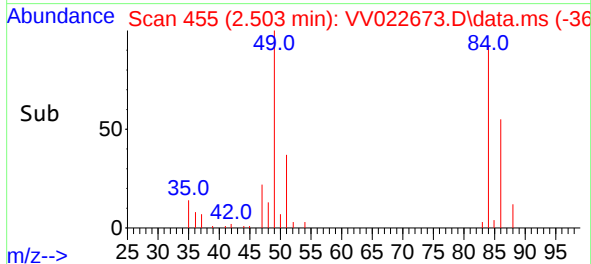
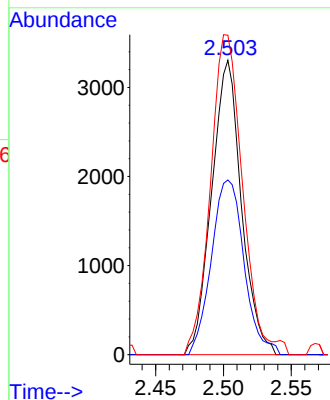
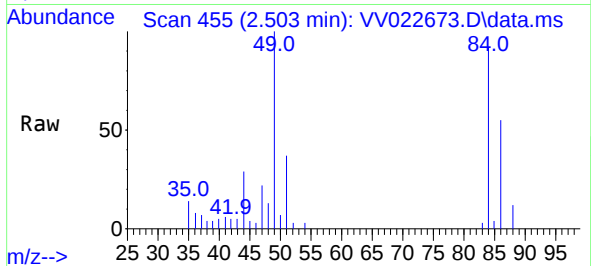




#16
Methylene chloride
Concen: 0.520 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV022673.D
Acq: 07 Oct 2021 19:29

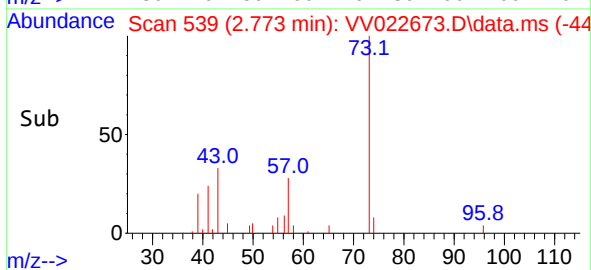
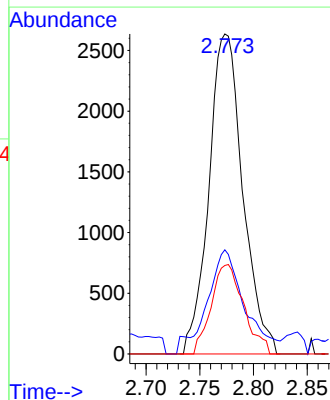
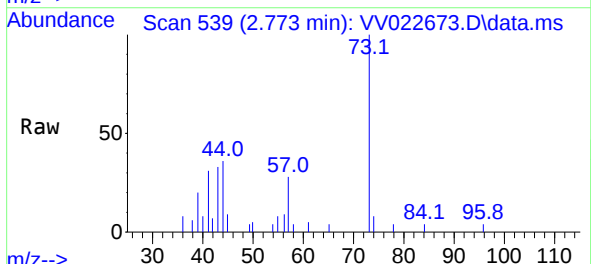
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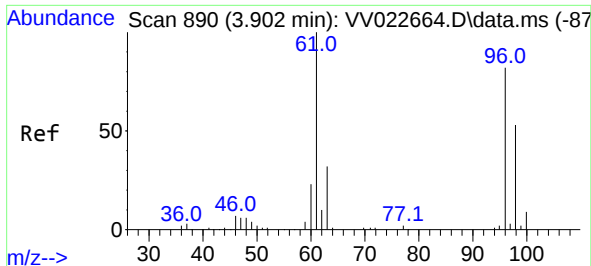
Tgt Ion:	84	Resp:	5051
Ion	Ratio	Lower	Upper
84	100		
86	59.4	45.8	85.2
49	108.6	90.3	167.7



#17
Methyl tert-butyl Ether
Concen: 0.338 ug/L
RT: 2.773 min Scan# 539
Delta R.T. -0.006 min
Lab File: VV022673.D
Acq: 07 Oct 2021 19:29

Tgt Ion:	73	Resp:	5777
Ion	Ratio	Lower	Upper
73	100		
43	29.8	17.1	25.7#
57	26.8	17.2	25.8#

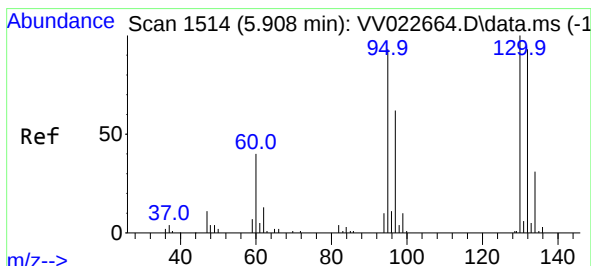
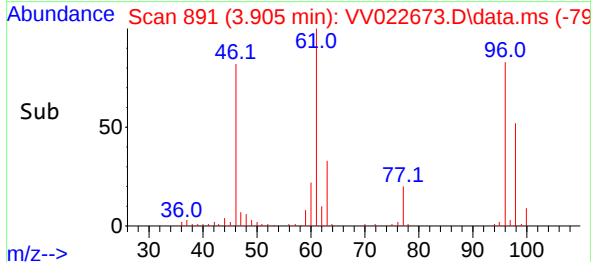
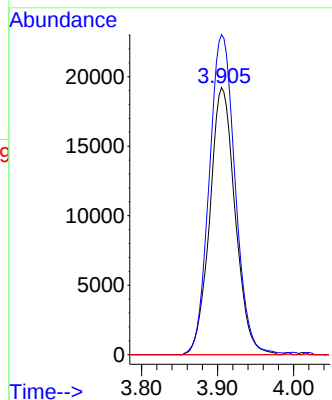
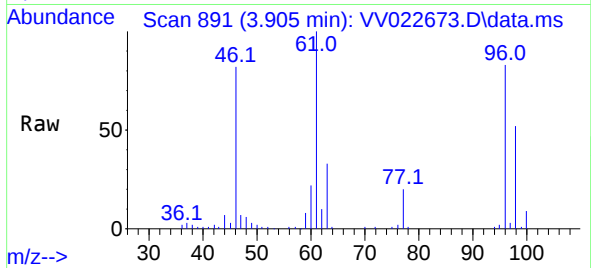




#22
cis-1,2-Dichloroethene
Concen: 5.519 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.003 min
Lab File: VV022673.D
Acq: 07 Oct 2021 19:29

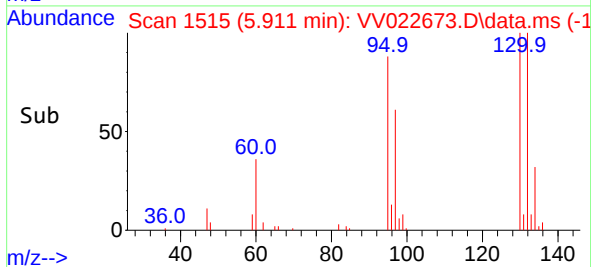
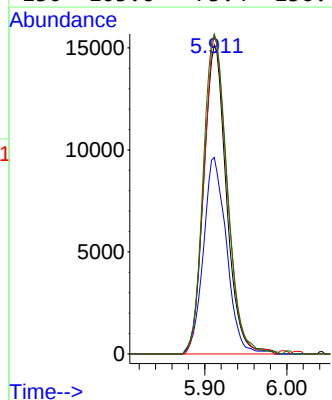
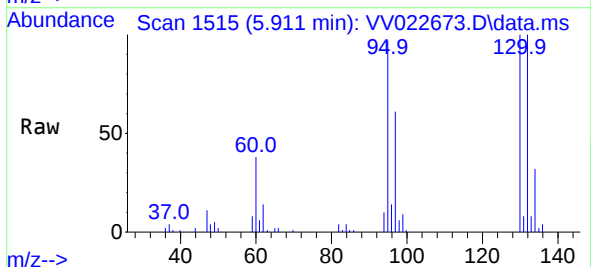
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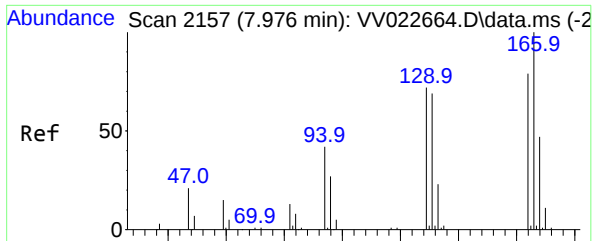
Tgt Ion: 96 Resp: 44514
Ion Ratio Lower Upper
96 100
61 119.8 86.0 159.6
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 3.462 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV022673.D
Acq: 07 Oct 2021 19:29

Tgt Ion: 95 Resp: 29207
Ion Ratio Lower Upper
95 100
97 63.6 45.8 85.2
132 103.1 72.2 134.0
130 103.6 73.4 136.4





#47
Tetrachloroethene
Concen: 0.806 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022673.D
Acq: 07 Oct 2021 19:29

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:164 Resp: 5496

Ion	Ratio	Lower	Upper
164	100		
129	83.8	65.0	120.6
131	85.0	62.2	115.4
166	119.6	89.2	165.8

