

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111922\
 Data File : VW029209.D
 Acq On : 20 Nov 2022 07:02
 Operator : SY/MD
 Sample : N5651-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1K2

Quant Time: Nov 21 00:24:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Nov 20 03:53:06 2022
 Response via : Initial Calibration

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

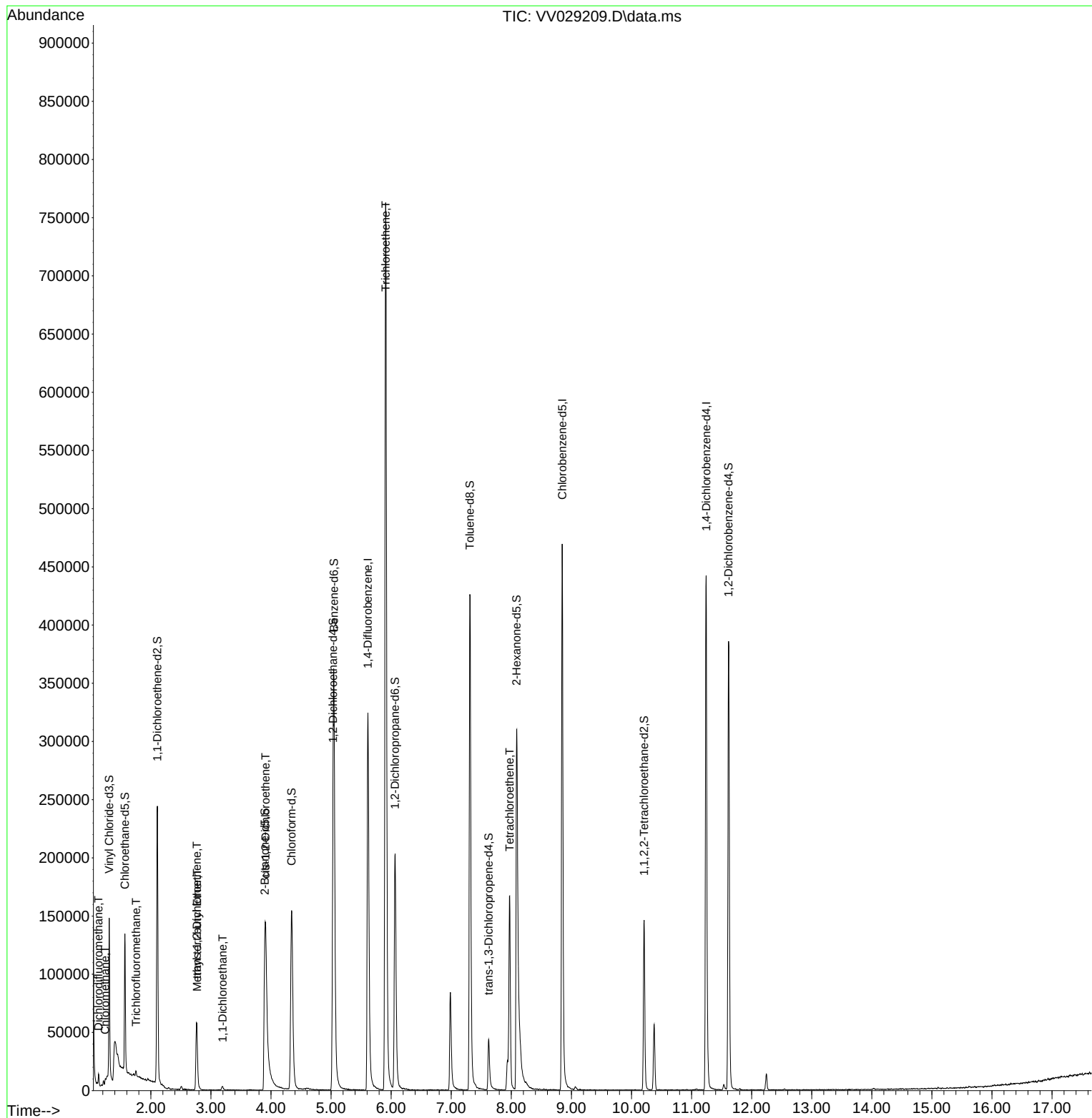
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	303937	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	280647	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	129454	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	94189	5.083	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.600%	
7) Chloroethane-d5	1.568	69	78695	4.831	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.600%	
11) 1,1-Dichloroethene-d2	2.108	63	121019	3.584	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.600%	
20) 2-Butanone-d5	3.896	46	175418	56.554	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	113.100%	
24) Chloroform-d	4.342	84	170919	4.493	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.800%	
26) 1,2-Dichloroethane-d4	5.031	65	79058	4.619	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.400%	
32) Benzene-d6	5.047	84	362066	4.322	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.400%	
36) 1,2-Dichloropropane-d6	6.066	67	104743	4.478	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.600%	
41) Toluene-d8	7.310	98	310088	4.112	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.200%	
43) trans-1,3-Dichloroprop...	7.622	79	29878	3.916	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.400%	
46) 2-Hexanone-d5	8.088	63	139777	42.923	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	85.840%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	74028	4.565	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.200%	
66) 1,2-Dichlorobenzene-d4	11.615	152	112938	4.876	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	3814	0.151	ug/L	96
3) Chloromethane	1.240	50	2731	0.130	ug/L	100
9) Trichlorofluoromethane	1.754	101	2397	0.074	ug/L	93
17) Methyl tert-butyl Ether	2.770	73	7372	0.187	ug/L	95
18) trans-1,2-Dichloroethene	2.764	96	21713	1.017	ug/L	95
19) 1,1-Dichloroethane	3.195	63	3130	0.090	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	46375	2.138	ug/L	97
34) Trichloroethene	5.908	95	277900	12.657	ug/L	98
47) Tetrachloroethene	7.973	164	40439	2.300	ug/L	97

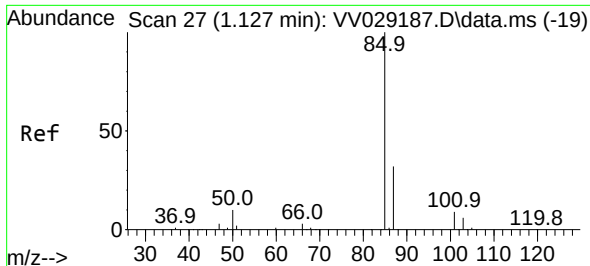
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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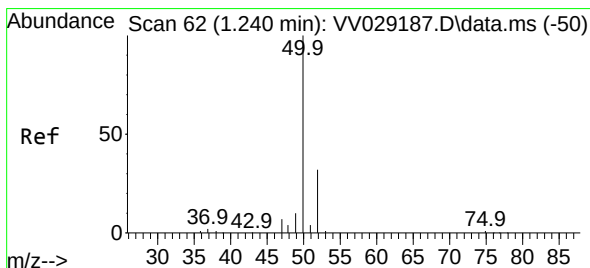
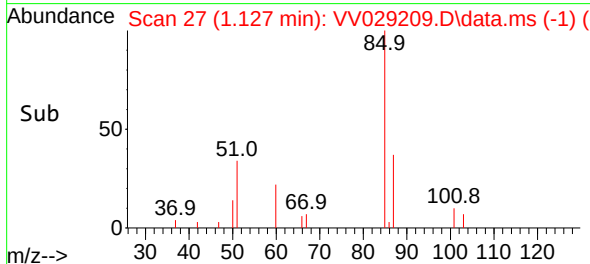
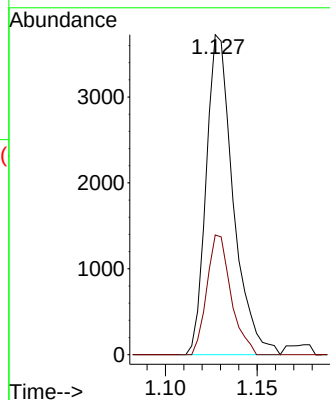
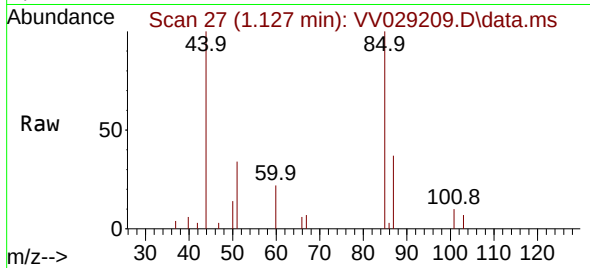




#2
 Dichlorodifluoromethane
 Concen: 0.151 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV029209.D
 Acq: 20 Nov 2022 07:02

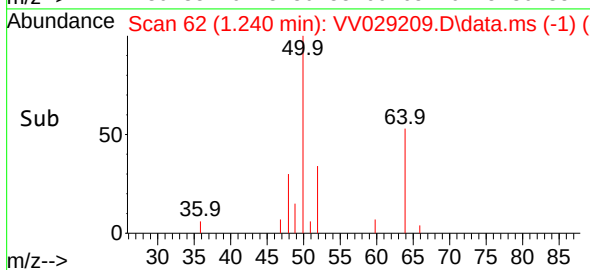
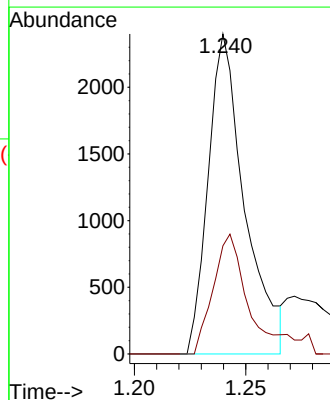
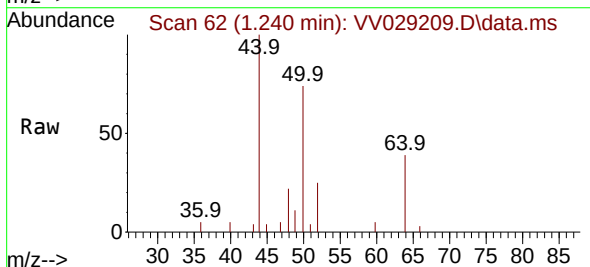
Instrument :
 MSVOA_V
 ClientSampleId :
 BH1K2

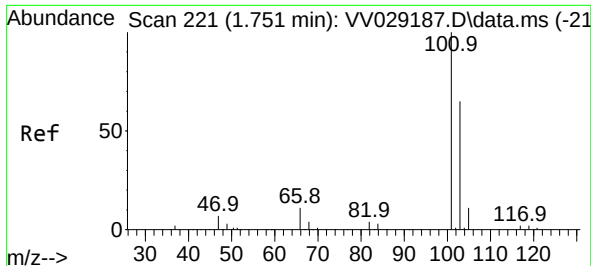
Tgt Ion: 85 Resp: 3814
 Ion Ratio Lower Upper
 85 100
 87 33.3 25.0 37.4



#3
 Chloromethane
 Concen: 0.130 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV029209.D
 Acq: 20 Nov 2022 07:02

Tgt Ion: 50 Resp: 2731
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.7 43.9

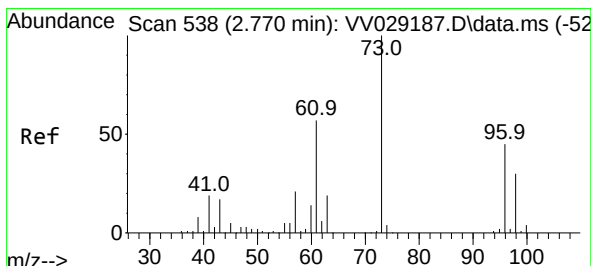
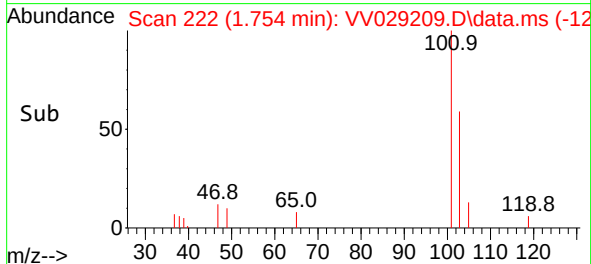
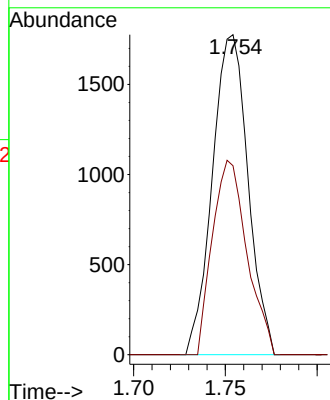
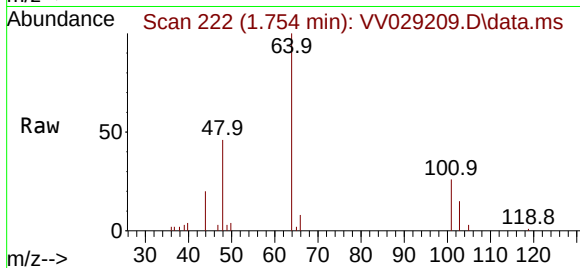




#9
Trichlorofluoromethane
Concen: 0.074 ug/L
RT: 1.754 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029209.D
Acq: 20 Nov 2022 07:02

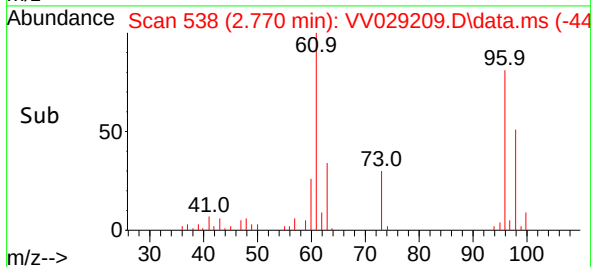
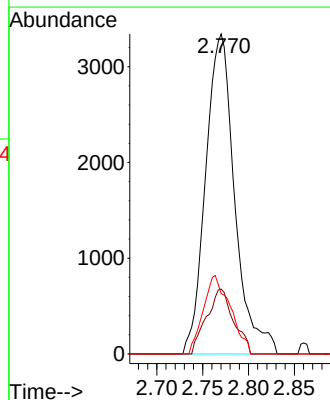
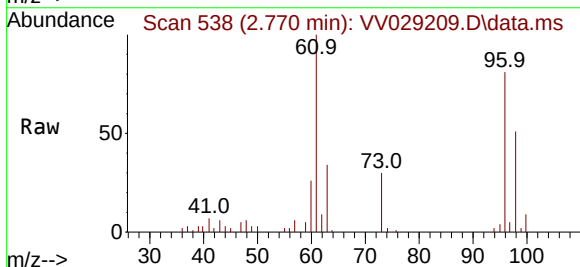
Instrument :
MSVOA_V
ClientSampleId :
BH1K2

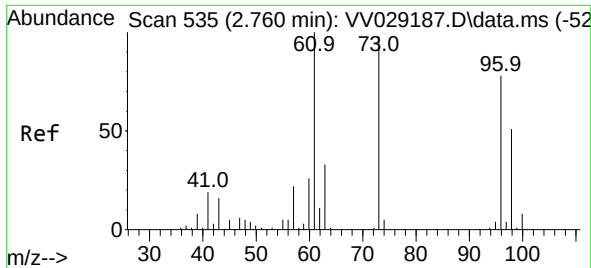
Tgt Ion:101 Resp: 2397
Ion Ratio Lower Upper
101 100
103 58.8 51.3 76.9



#17
Methyl tert-butyl Ether
Concen: 0.187 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV029209.D
Acq: 20 Nov 2022 07:02

Tgt Ion: 73 Resp: 7372
Ion Ratio Lower Upper
73 100
43 18.8 13.0 19.4
57 22.9 16.6 24.8

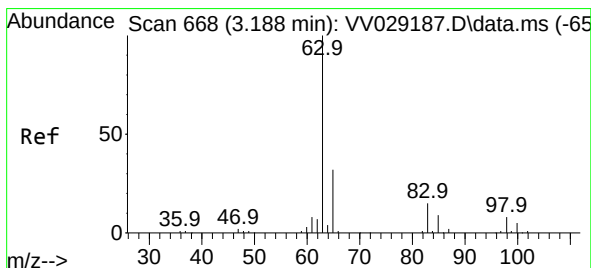
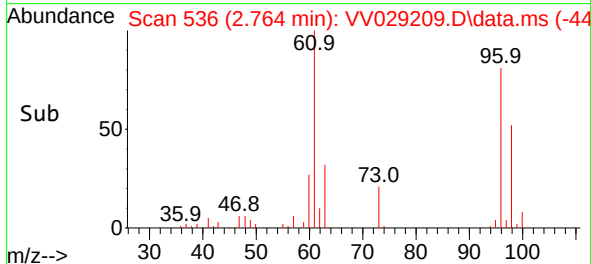
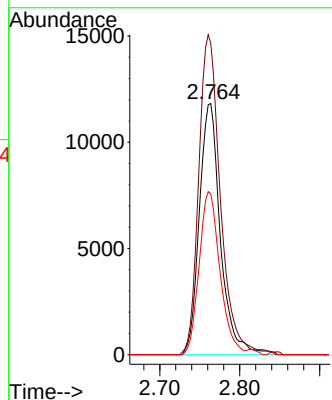
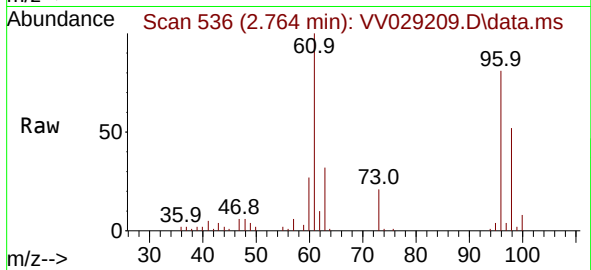




#18
trans-1,2-Dichloroethene
Concen: 1.017 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029209.D
Acq: 20 Nov 2022 07:02

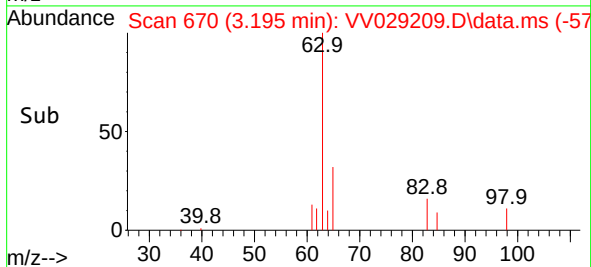
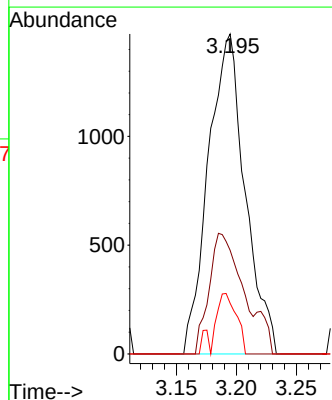
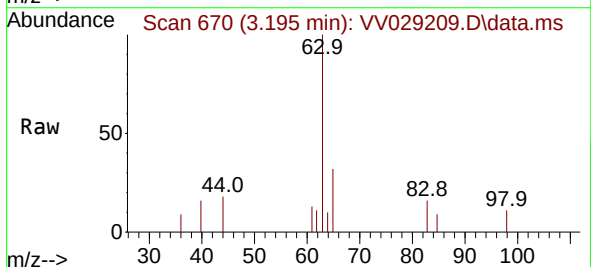
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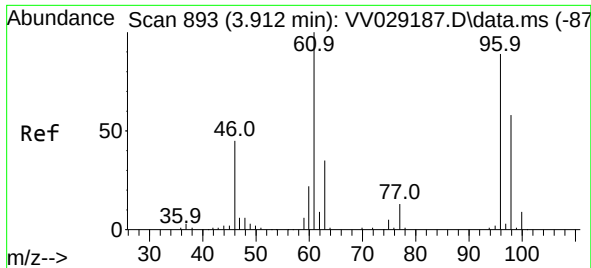
Tgt Ion: 96 Resp: 21713
Ion Ratio Lower Upper
96 100
61 124.0 91.8 170.6
98 64.0 46.4 86.2



#19
1,1-Dichloroethane
Concen: 0.090 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.007 min
Lab File: VV029209.D
Acq: 20 Nov 2022 07:02

Tgt Ion: 63 Resp: 3130
Ion Ratio Lower Upper
63 100
65 32.4 23.0 42.6
83 15.8 9.4 17.6

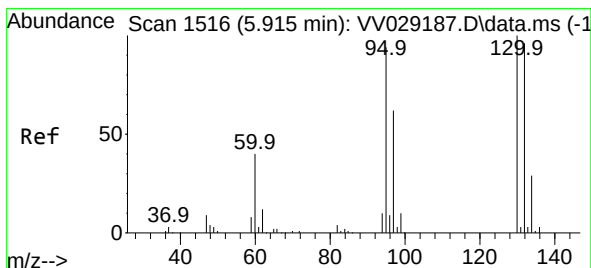
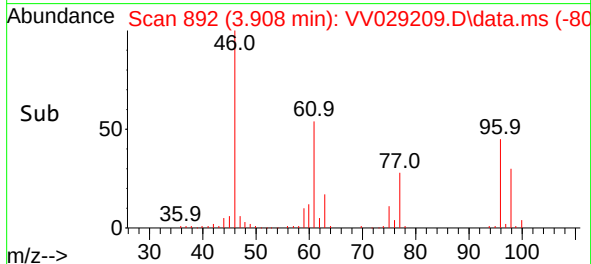
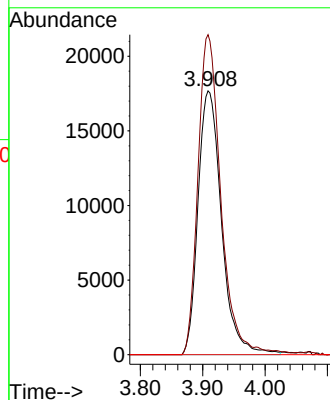
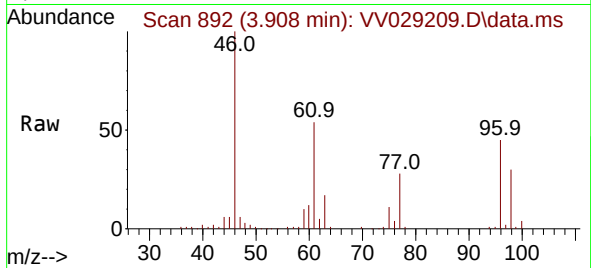




#22
 cis-1,2-Dichloroethene
 Concen: 2.138 ug/L
 RT: 3.908 min Scan# 893
 Delta R.T. -0.003 min
 Lab File: VV029209.D
 Acq: 20 Nov 2022 07:02

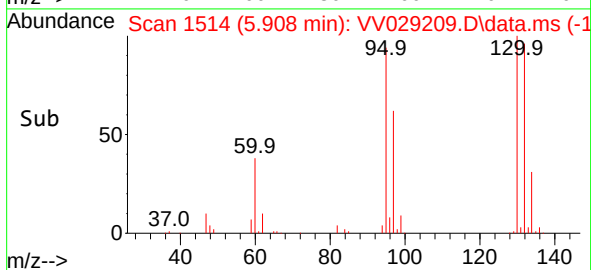
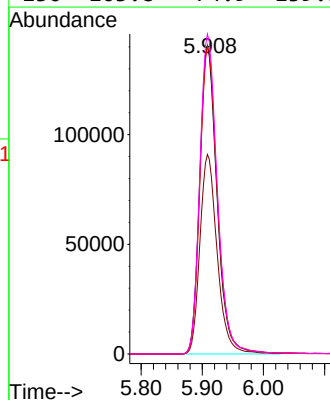
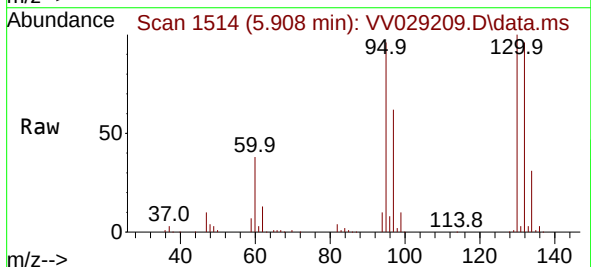
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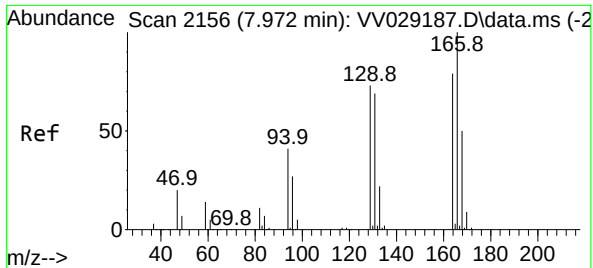
Tgt Ion: 96 Resp: 46375
 Ion Ratio Lower Upper
 96 100
 61 121.3 82.3 152.9
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 12.657 ug/L
 RT: 5.908 min Scan# 1514
 Delta R.T. -0.006 min
 Lab File: VV029209.D
 Acq: 20 Nov 2022 07:02

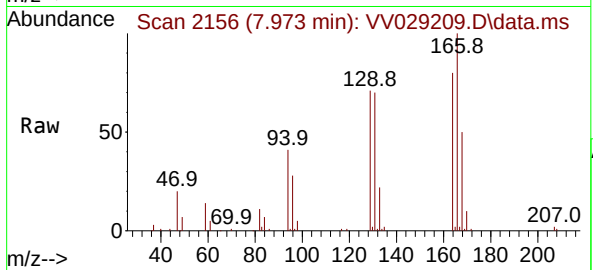
Tgt Ion: 95 Resp: 277900
 Ion Ratio Lower Upper
 95 100
 97 64.7 45.6 84.8
 132 99.7 69.1 128.3
 130 103.8 74.9 139.1





#47
 Tetrachloroethene
 Concen: 2.300 ug/L
 RT: 7.973 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV029209.D
 Acq: 20 Nov 2022 07:02

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion:164 Resp: 40439

Ion	Ratio	Lower	Upper
164	100		
129	88.5	63.9	118.7
131	87.5	61.8	114.8
166	124.3	90.2	167.4

