

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111922\
 Data File : VW029204.D
 Acq On : 20 Nov 2022 05:00
 Operator : SY/MD
 Sample : N5651-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1G8

Quant Time: Nov 20 05:25:01 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)

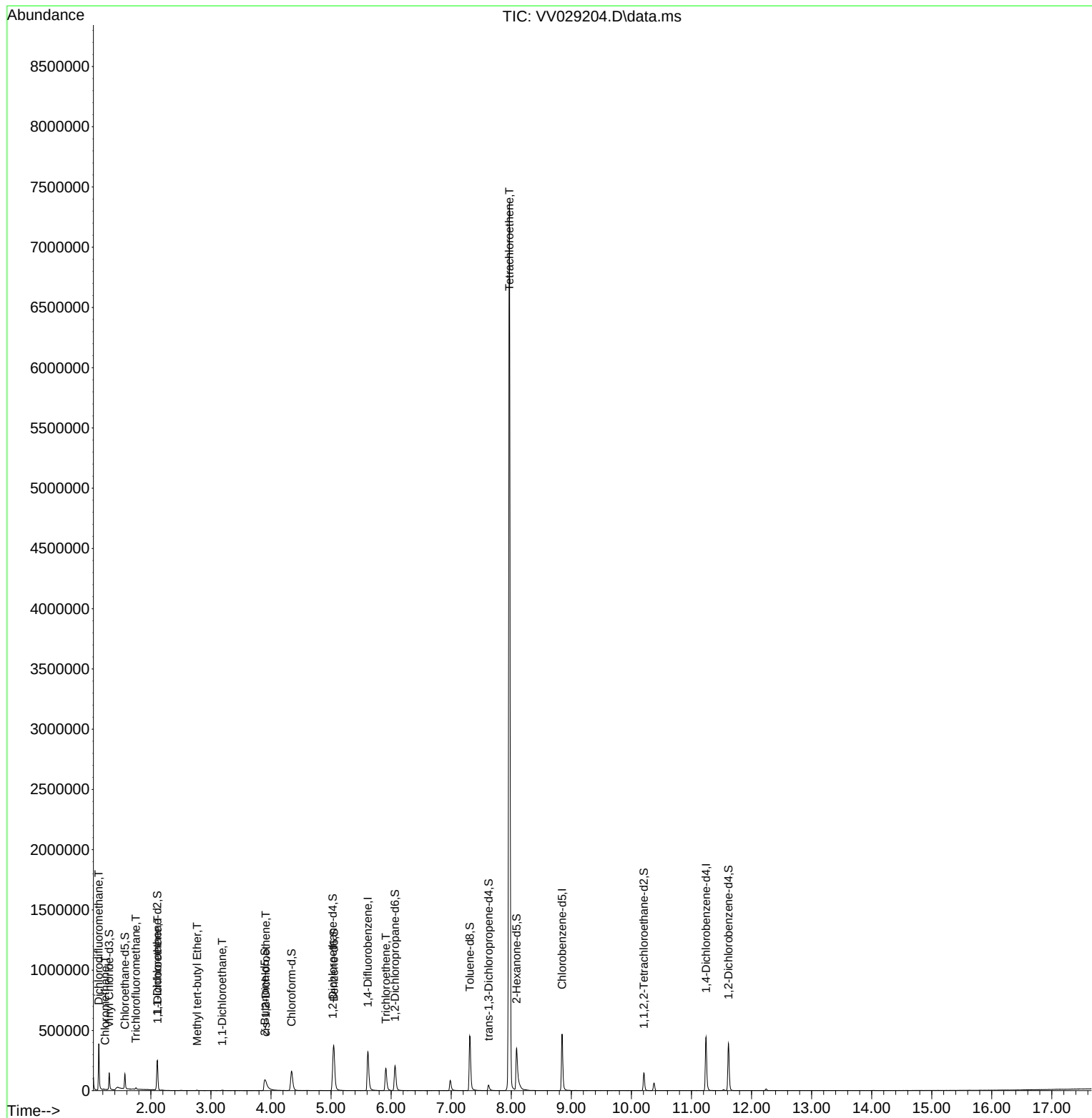
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	306397	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	282025	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	128092	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	95835	5.130	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	102.600%	
7) Chloroethane-d5	1.568	69	80847	4.923	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.400%	
11) 1,1-Dichloroethene-d2	2.108	63	124378	3.654	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	73.000%	
20) 2-Butanone-d5	3.895	46	181572	58.068	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.140%	
24) Chloroform-d	4.342	84	174804	4.558	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.200%	
26) 1,2-Dichloroethane-d4	5.027	65	82042	4.755	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.000%	
32) Benzene-d6	5.047	84	373598	4.438	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.800%	
36) 1,2-Dichloropropane-d6	6.066	67	109074	4.640	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.800%	
41) Toluene-d8	7.310	98	321765	4.246	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.000%	
43) trans-1,3-Dichloroprop...	7.622	79	30646	3.997	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.000%	
46) 2-Hexanone-d5	8.088	63	151362	46.253	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.500%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	76002	4.663	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.200%	
66) 1,2-Dichlorobenzene-d4	11.615	152	110069	4.803	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	30416	1.191	ug/L	96
3) Chloromethane	1.240	50	2249	0.106	ug/L	95
9) Trichlorofluoromethane	1.751	101	6626	0.203	ug/L	93
12) 1,1-Dichloroethene	2.114	96	2807	0.151	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	3084	0.078	ug/L	97
19) 1,1-Dichloroethane	3.188	63	4603	0.131	ug/L	91
22) cis-1,2-Dichloroethene	3.912	96	9760	0.446	ug/L	90
34) Trichloroethene	5.911	95	69322	3.142	ug/L	98
47) Tetrachloroethene	7.969	164	1675382	94.833	ug/L	99

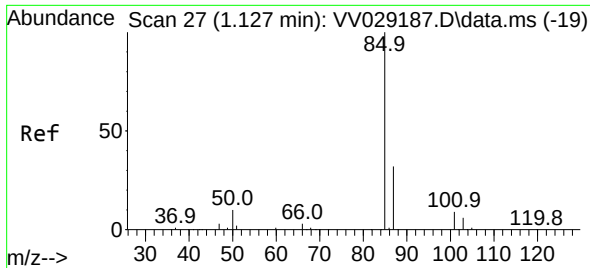
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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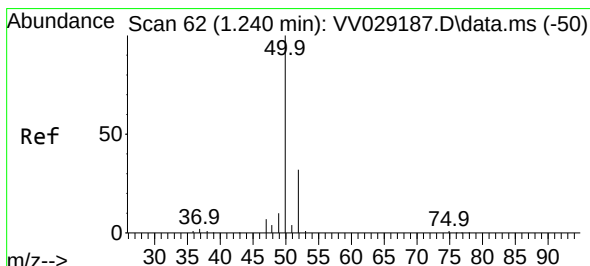
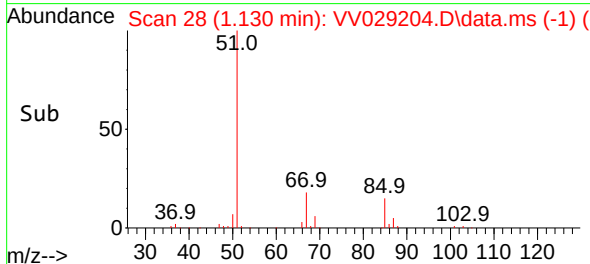
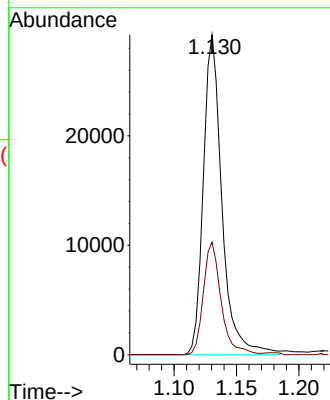
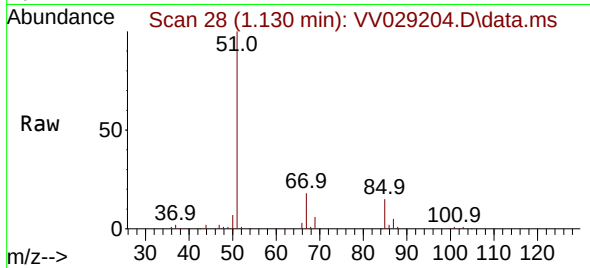




#2
 Dichlorodifluoromethane
 Concen: 1.191 ug/L
 RT: 1.130 min Scan# 27
 Delta R.T. 0.003 min
 Lab File: VV029204.D
 Acq: 20 Nov 2022 05:00

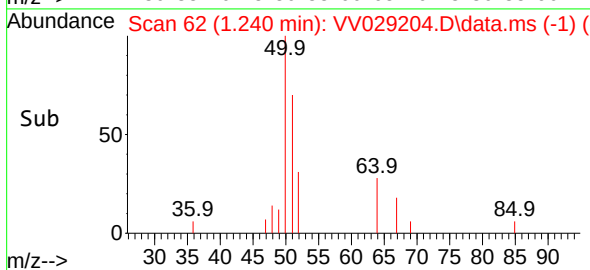
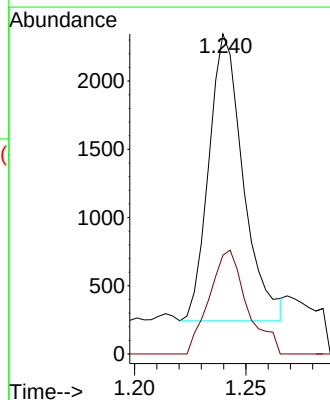
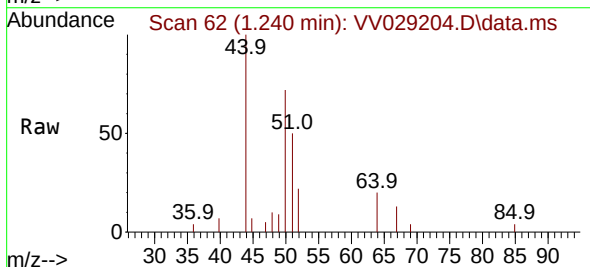
Instrument :
 MSVOA_V
 ClientSampleId :
 BH1G8

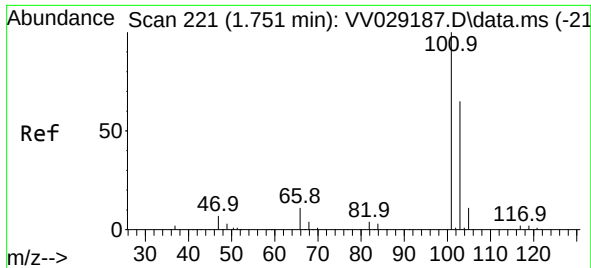
Tgt Ion: 85 Resp: 30416
 Ion Ratio Lower Upper
 85 100
 87 33.4 25.0 37.4



#3
 Chloromethane
 Concen: 0.106 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV029204.D
 Acq: 20 Nov 2022 05:00

Tgt Ion: 50 Resp: 2249
 Ion Ratio Lower Upper
 50 100
 52 30.9 23.7 43.9

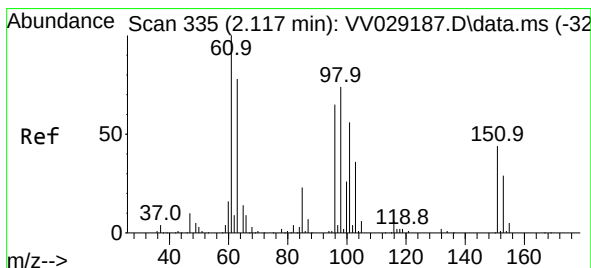
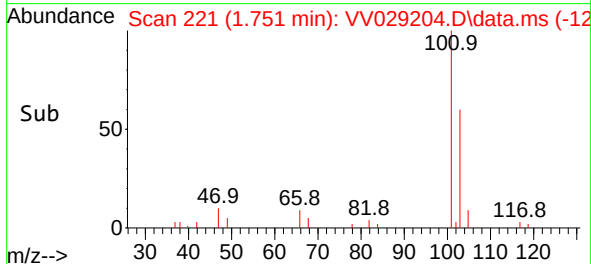
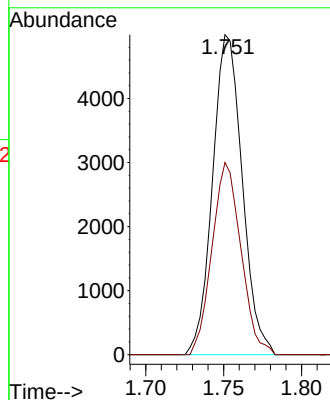
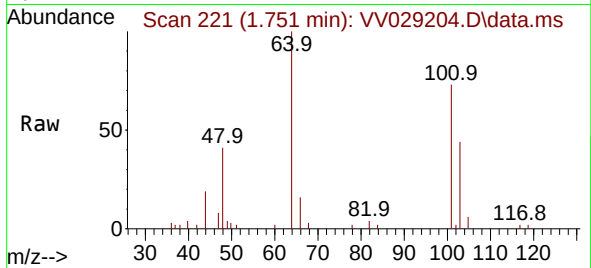




#9
 Trichlorofluoromethane
 Concen: 0.203 ug/L
 RT: 1.751 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV029204.D
 Acq: 20 Nov 2022 05:00

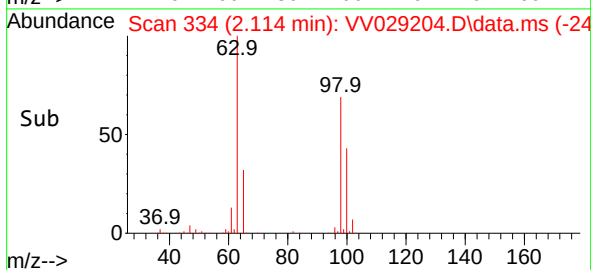
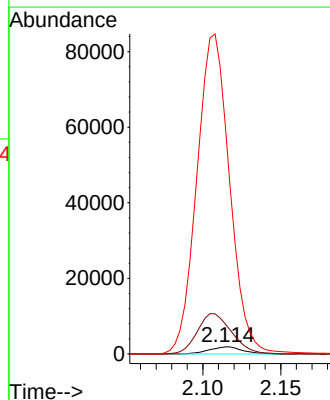
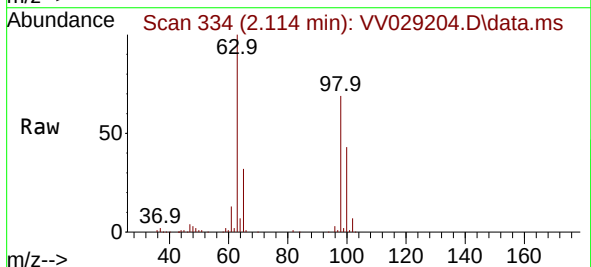
Instrument :
 MSVOA_V
 ClientSampleId :
 BH1G8

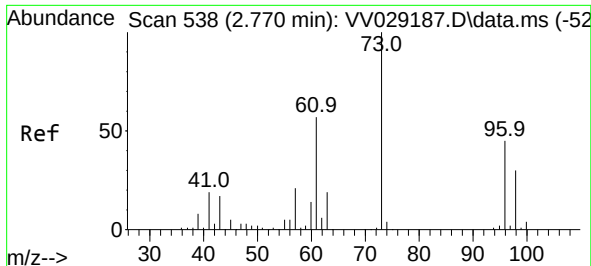
Tgt Ion:101 Resp: 6626
 Ion Ratio Lower Upper
 101 100
 103 58.5 51.3 76.9



#12
 1,1-Dichloroethene
 Concen: 0.151 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV029204.D
 Acq: 20 Nov 2022 05:00

Tgt Ion: 96 Resp: 2807
 Ion Ratio Lower Upper
 96 100
 61 429.3 104.2 193.4#
 63 3280.6 75.9 140.9#

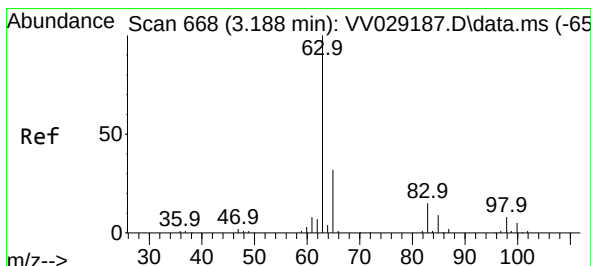
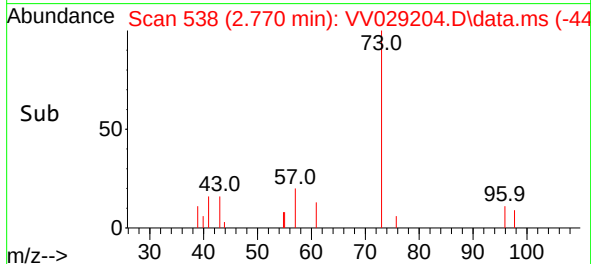
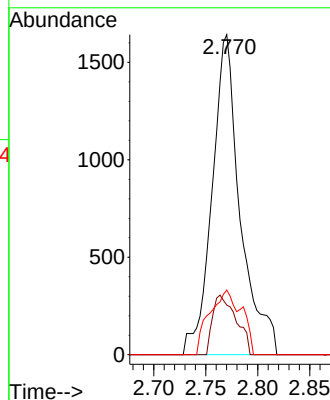
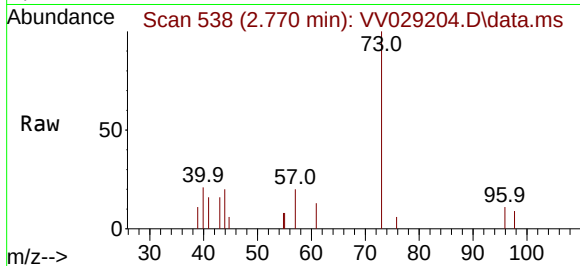




#17
Methyl tert-butyl Ether
Concen: 0.078 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV029204.D
Acq: 20 Nov 2022 05:00

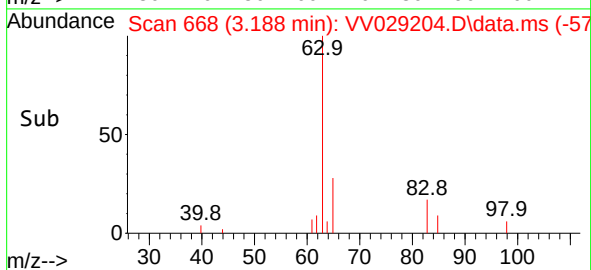
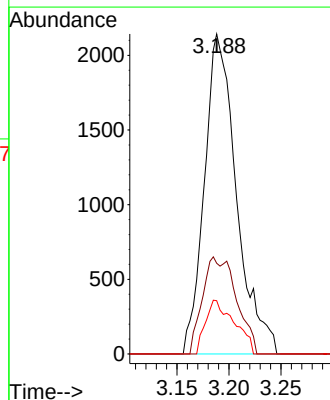
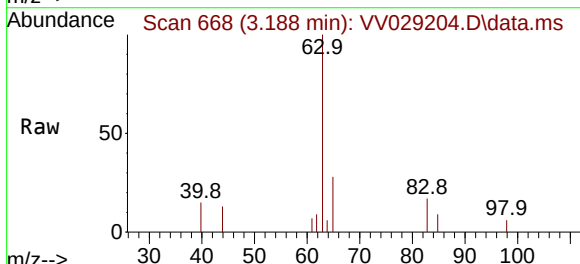
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MSVOA_V
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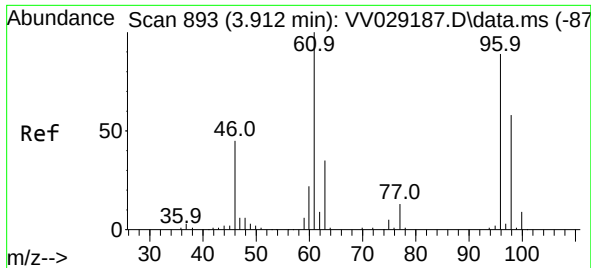
Tgt Ion: 73	Resp:	3084	
Ion	Ratio	Lower	Upper
73	100		
43	15.6	13.0	19.4
57	23.0	16.6	24.8



#19
1,1-Dichloroethane
Concen: 0.131 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.000 min
Lab File: VV029204.D
Acq: 20 Nov 2022 05:00

Tgt Ion: 63	Resp:	4603	
Ion	Ratio	Lower	Upper
63	100		
65	26.8	23.0	42.6
83	15.7	9.4	17.6

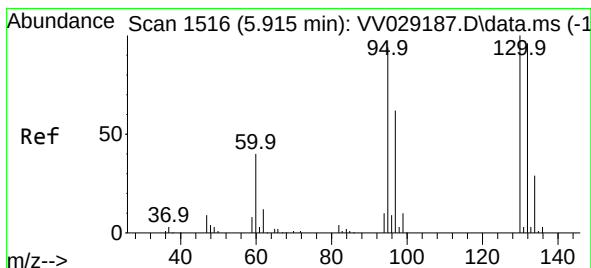
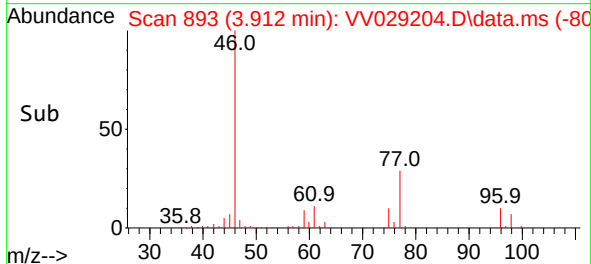
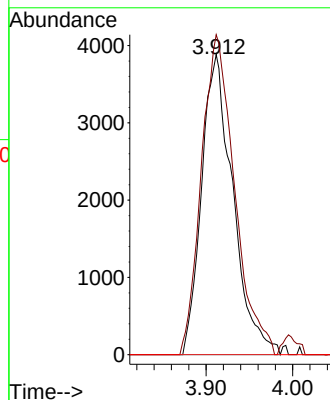
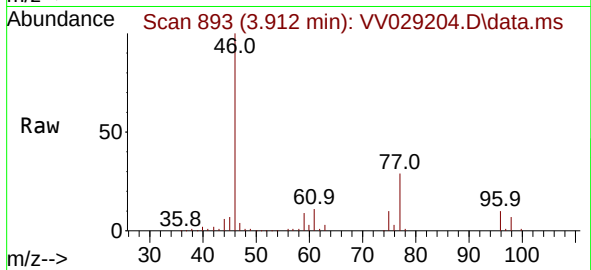




#22
 cis-1,2-Dichloroethene
 Concen: 0.446 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. 0.000 min
 Lab File: VV029204.D
 Acq: 20 Nov 2022 05:00

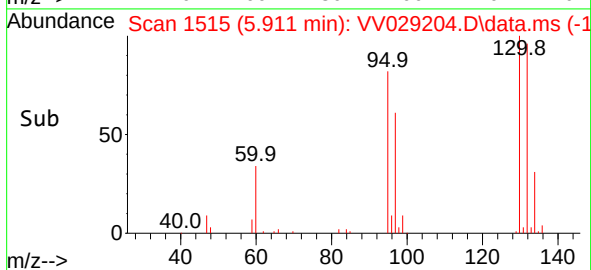
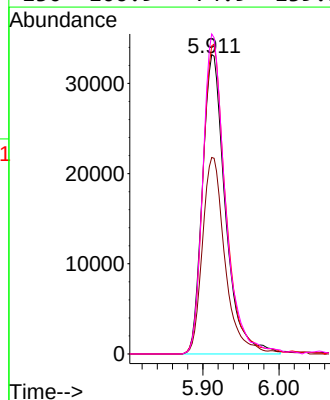
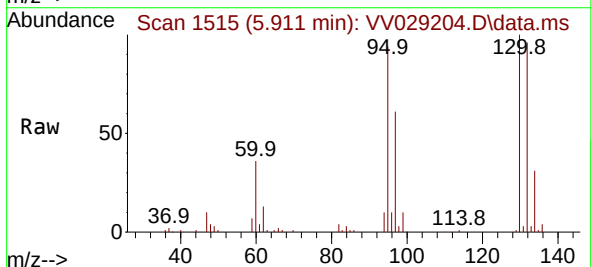
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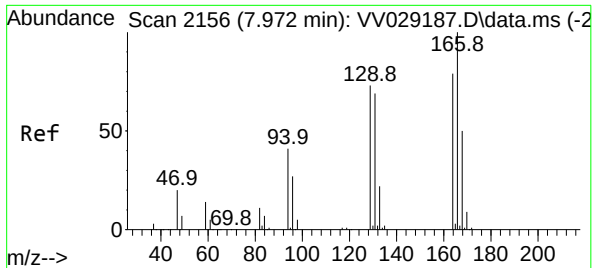
Tgt Ion: 96 Resp: 9760
 Ion Ratio Lower Upper
 96 100
 61 106.6 82.3 152.9
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 3.142 ug/L
 RT: 5.911 min Scan# 1515
 Delta R.T. -0.003 min
 Lab File: VV029204.D
 Acq: 20 Nov 2022 05:00

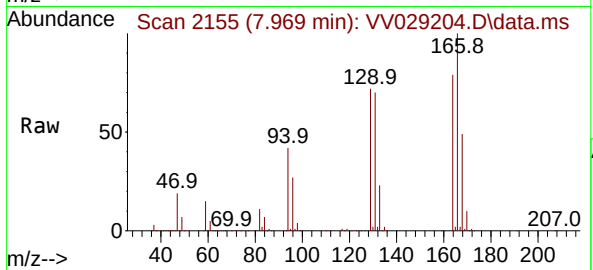
Tgt Ion: 95 Resp: 69322
 Ion Ratio Lower Upper
 95 100
 97 65.6 45.6 84.8
 132 102.9 69.1 128.3
 130 106.9 74.9 139.1





#47
 Tetrachloroethene
 Concen: 94.833 ug/L
 RT: 7.969 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV029204.D
 Acq: 20 Nov 2022 05:00

Instrument :
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Tgt Ion:164 Resp: 1675382

Ion	Ratio	Lower	Upper
164	100		
129	91.1	63.9	118.7
131	88.1	61.8	114.8
166	126.6	90.2	167.4

