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 Data File : VW029203.D
 Acq On : 20 Nov 2022 04:35
 Operator : SY/MD
 Sample : N5651-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

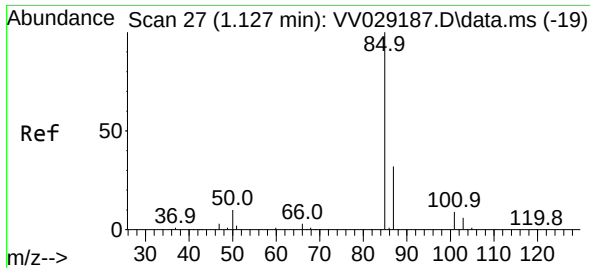
Instrument :
 MSVOA_V
 ClientSampleId :
 BH1G7

Quant Time: Nov 20 05:14:41 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	309554	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	279571	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	130526	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	94896	5.028	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	100.600%	
7) Chloroethane-d5	1.568	69	77013	4.642	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.800%	
11) 1,1-Dichloroethene-d2	2.105	63	124160	3.610	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	72.200%	
20) 2-Butanone-d5	3.896	46	189525	59.994	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	119.980%	
24) Chloroform-d	4.342	84	170950	4.412	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.200%	
26) 1,2-Dichloroethane-d4	5.031	65	79658	4.569	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.400%	
32) Benzene-d6	5.047	84	361150	4.328	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.600%	
36) 1,2-Dichloropropane-d6	6.066	67	106319	4.563	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.200%	
41) Toluene-d8	7.310	98	314850	4.191	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.800%	
43) trans-1,3-Dichloroprop...	7.622	79	30862	4.061	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.200%	
46) 2-Hexanone-d5	8.088	63	144802	44.637	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.280%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	73866	4.572	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.400%	
66) 1,2-Dichlorobenzene-d4	11.615	152	113151	4.845	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.000%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	3267	0.127	ug/L	96
3) Chloromethane	1.240	50	2757	0.129	ug/L	90
9) Trichlorofluoromethane	1.754	101	6748	0.205	ug/L	97
12) 1,1-Dichloroethene	2.114	96	5941	0.317	ug/L #	1
17) Methyl tert-butyl Ether	2.764	73	21515	0.536	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	7585	0.349	ug/L	97
19) 1,1-Dichloroethane	3.188	63	18052	0.508	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	40547	1.835	ug/L	99
34) Trichloroethene	5.908	95	349932	16.000	ug/L	98
47) Tetrachloroethene	7.969	164	173817	9.925	ug/L	97
65) 1,4-Dichlorobenzene	11.265	146	37056	0.926	ug/L	96
67) 1,2-Dichlorobenzene	11.635	146	28274	0.791	ug/L	97

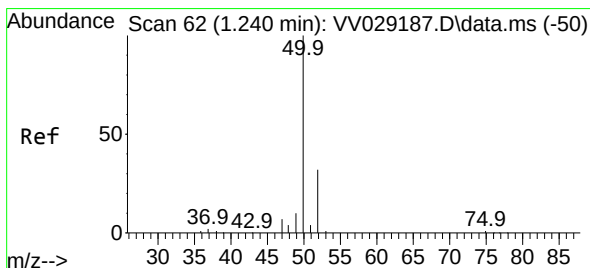
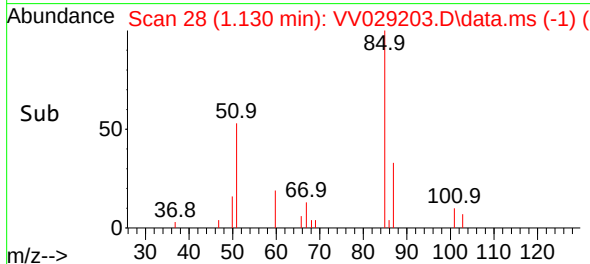
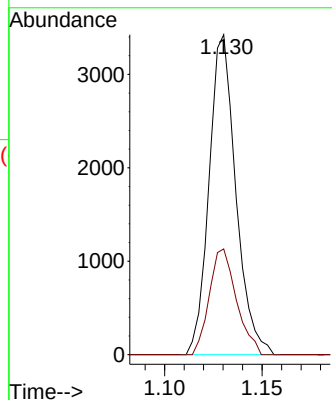
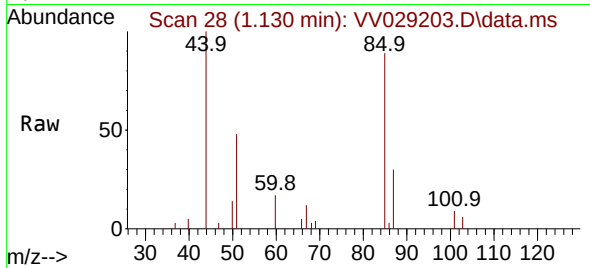
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 0.127 ug/L
RT: 1.130 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029203.D
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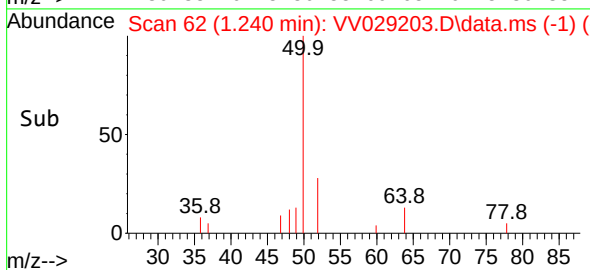
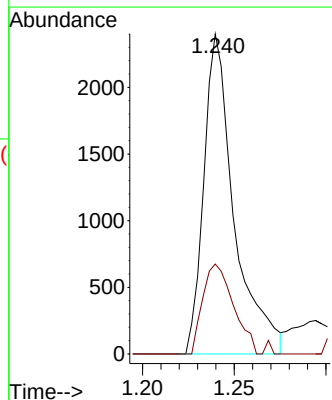
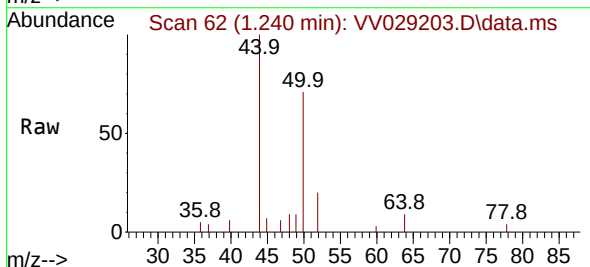
Instrument :
MSVOA_V
ClientSampleId :
BH1G7

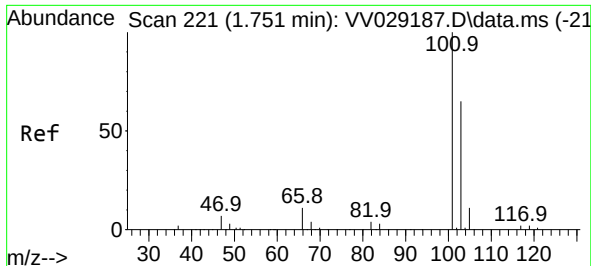
Tgt Ion: 85 Resp: 3267
Ion Ratio Lower Upper
85 100
87 33.5 25.0 37.4



#3
Chloromethane
Concen: 0.129 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV029203.D
Acq: 20 Nov 2022 04:35

Tgt Ion: 50 Resp: 2757
Ion Ratio Lower Upper
50 100
52 28.1 23.7 43.9

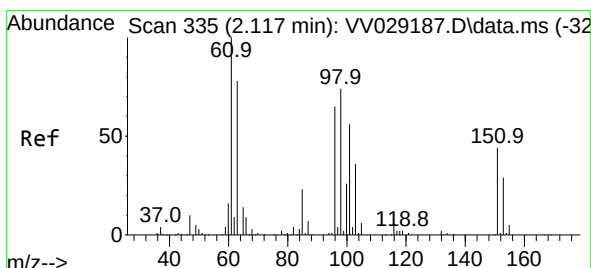
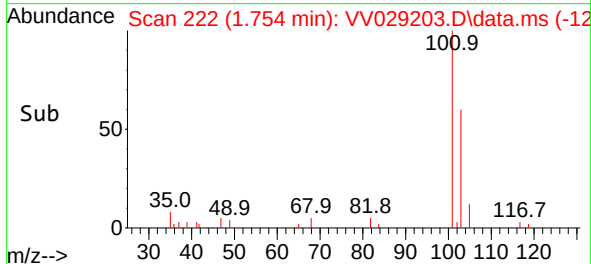
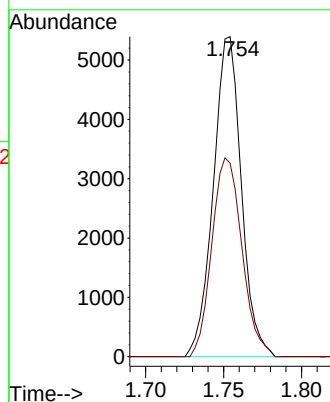
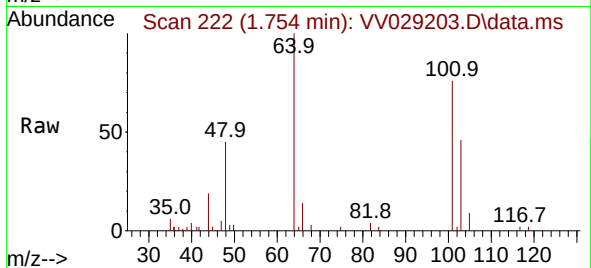




#9
 Trichlorofluoromethane
 Concen: 0.205 ug/L
 RT: 1.754 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV029203.D
 Acq: 20 Nov 2022 04:35

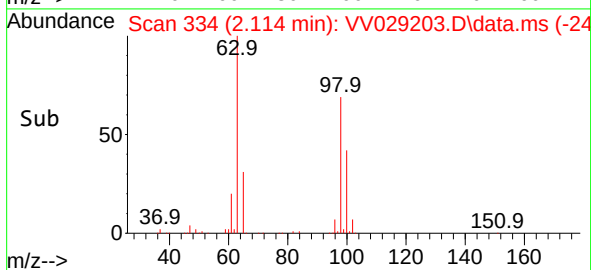
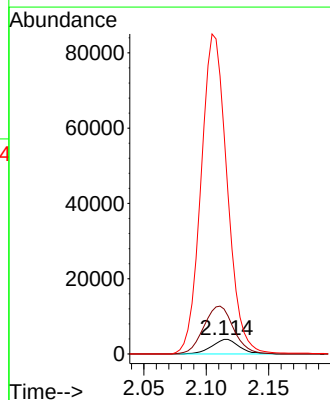
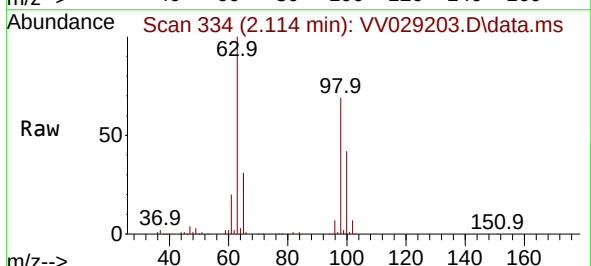
Instrument :
 MSVOA_V
 ClientSampleId :
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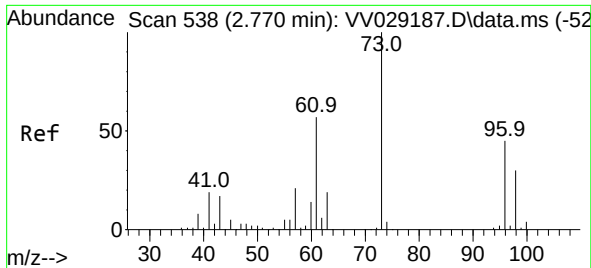
Tgt Ion:101 Resp: 6748
 Ion Ratio Lower Upper
 101 100
 103 66.6 51.3 76.9



#12
 1,1-Dichloroethene
 Concen: 0.317 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV029203.D
 Acq: 20 Nov 2022 04:35

Tgt Ion: 96 Resp: 5941
 Ion Ratio Lower Upper
 96 100
 61 308.5 104.2 193.4#
 63 1520.2 75.9 140.9#

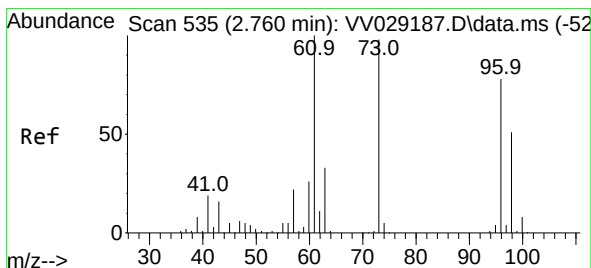
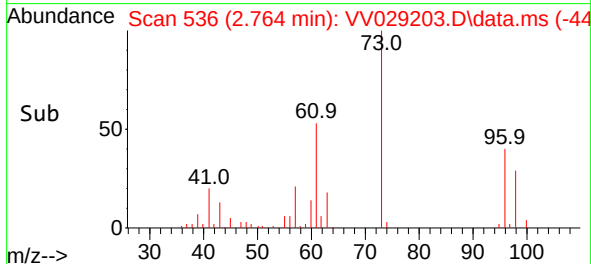
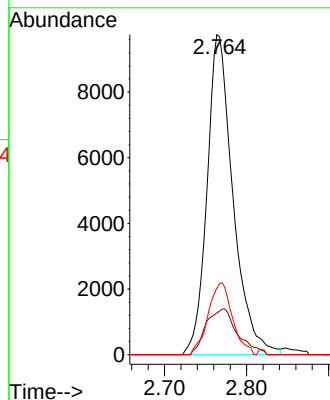
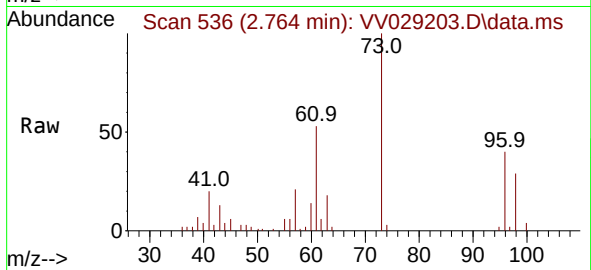




#17
Methyl tert-butyl Ether
Concen: 0.536 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.006 min
Lab File: VV029203.D
Acq: 20 Nov 2022 04:35

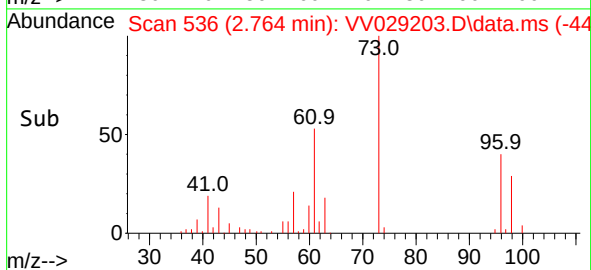
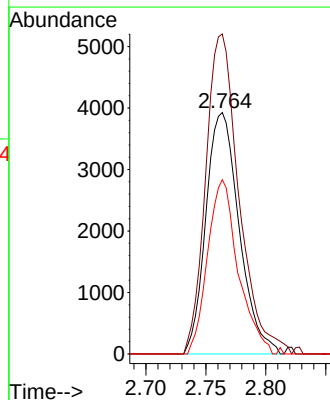
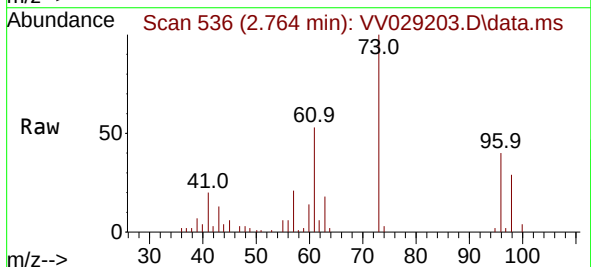
Instrument :
MSVOA_V
ClientSampleId :
BH1G7

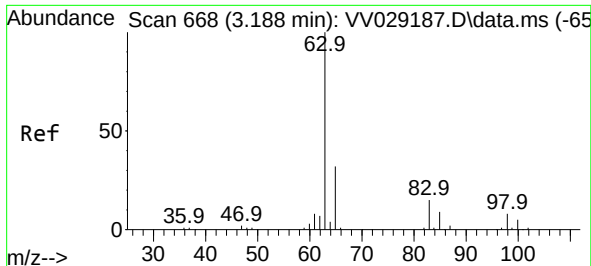
Tgt Ion: 73	Resp: 21515
Ion Ratio	Lower Upper
73 100	
43 17.2	13.0 19.4
57 21.0	16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 0.349 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV029203.D
Acq: 20 Nov 2022 04:35

Tgt Ion: 96	Resp: 7585		
Ion Ratio	Lower	Upper	
96	100		
61	132.5	91.8	170.6
98	72.1	46.4	86.2

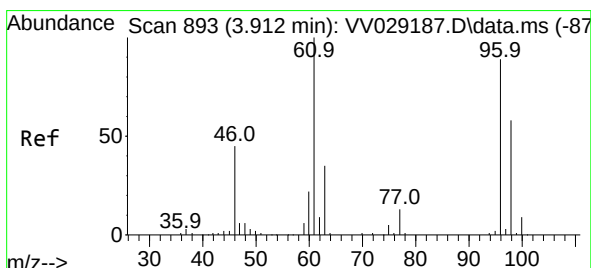
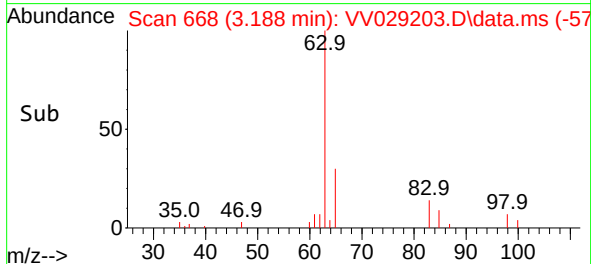
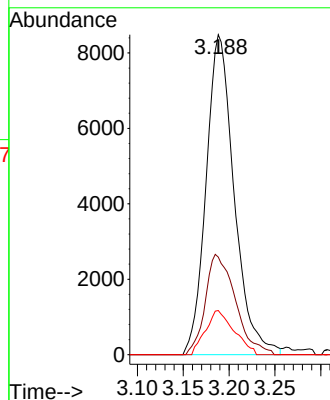
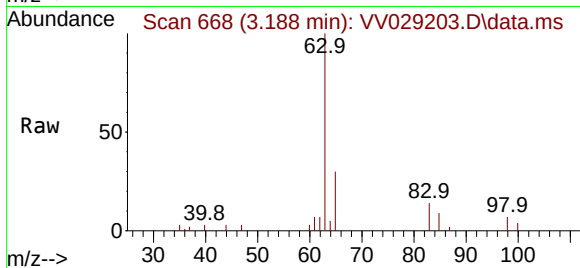




#19
1,1-Dichloroethane
Concen: 0.508 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.000 min
Lab File: VV029203.D
Acq: 20 Nov 2022 04:35

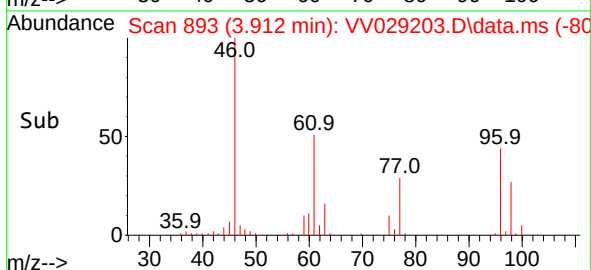
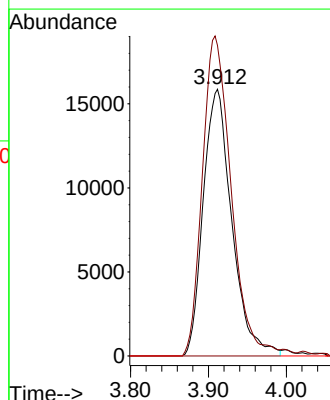
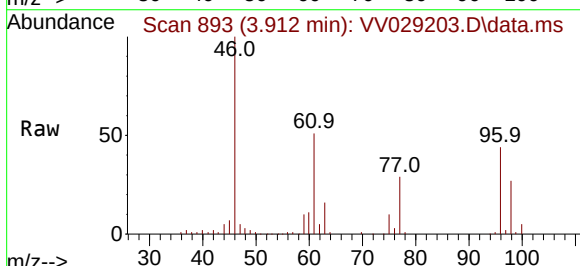
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MSVOA_V
ClientSampleId :
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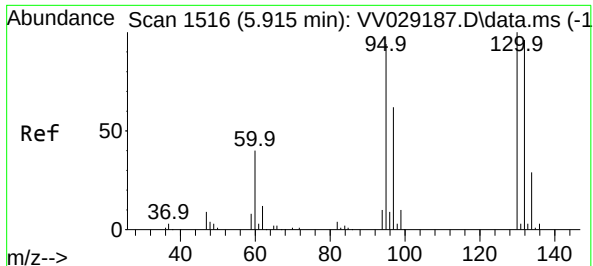
Tgt Ion: 63 Resp: 18052
Ion Ratio Lower Upper
63 100
65 30.5 23.0 42.6
83 13.8 9.4 17.6



#22
cis-1,2-Dichloroethene
Concen: 1.835 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.000 min
Lab File: VV029203.D
Acq: 20 Nov 2022 04:35

Tgt Ion: 96 Resp: 40547
Ion Ratio Lower Upper
96 100
61 116.5 82.3 152.9
68 0.0 0.0 0.0



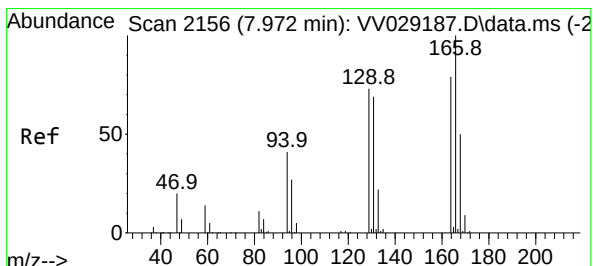
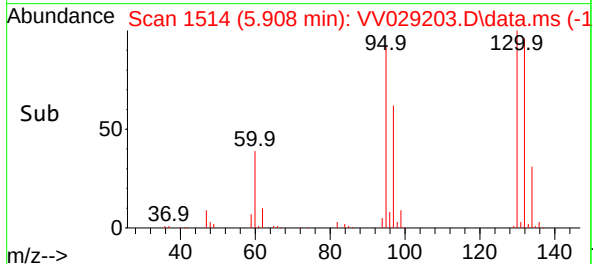
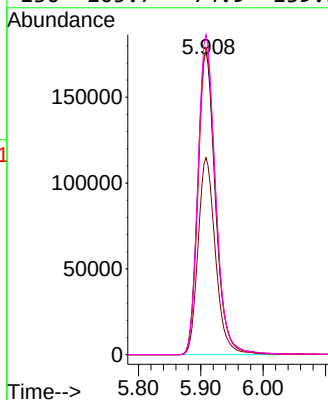
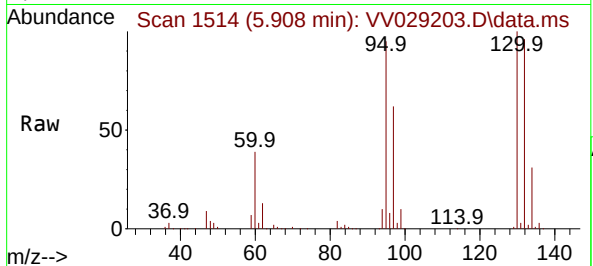


#34
Trichloroethene
Concen: 16.000 ug/L
RT: 5.908 min Scan# 1
Delta R.T. -0.006 min
Lab File: VV029203.D
Acq: 20 Nov 2022 04:35

Instrument :
MSVOA_V
ClientSampleId :
BH1G7

Tgt Ion: 95 Resp: 349932

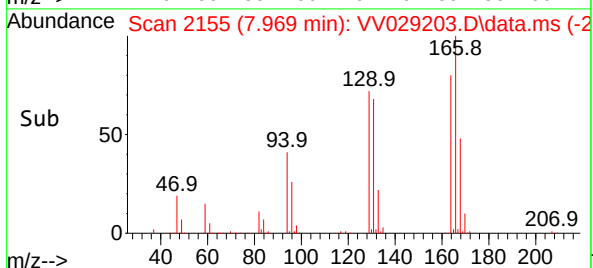
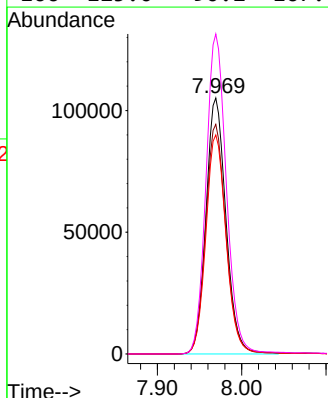
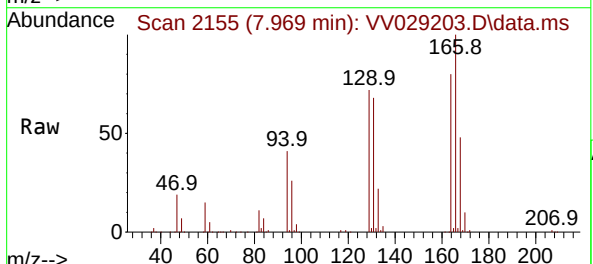
Ion	Ratio	Lower	Upper
95	100		
97	65.1	45.6	84.8
132	101.5	69.1	128.3
130	105.7	74.9	139.1

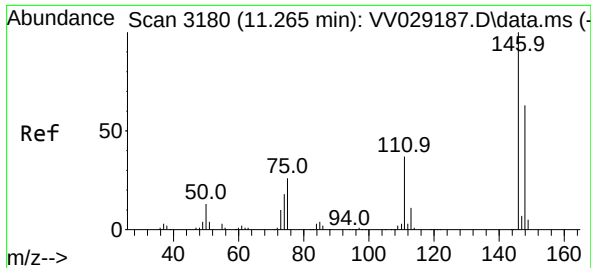


#47
Tetrachloroethene
Concen: 9.925 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.003 min
Lab File: VV029203.D
Acq: 20 Nov 2022 04:35

Tgt Ion: 164 Resp: 173817

Ion	Ratio	Lower	Upper
164	100		
129	89.7	63.9	118.7
131	85.5	61.8	114.8
166	125.0	90.2	167.4

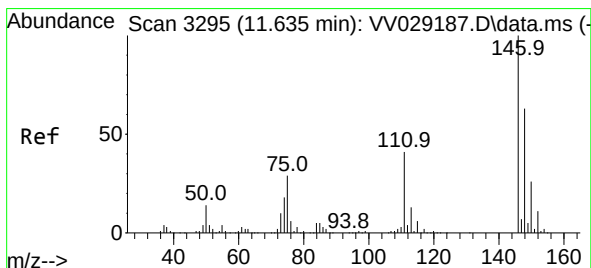
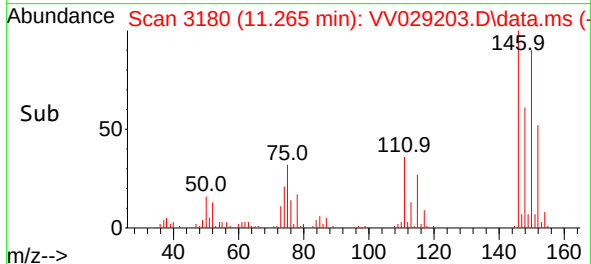
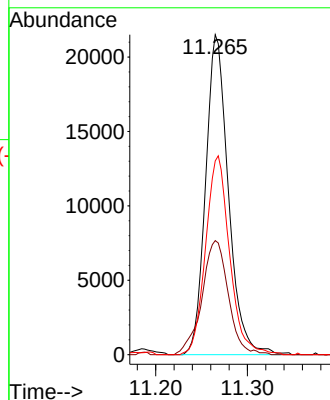
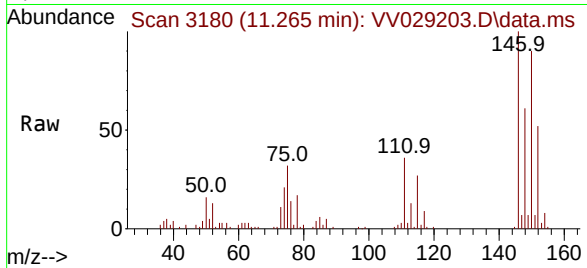




#65
1,4-Dichlorobenzene
Concen: 0.926 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.000 min
Lab File: VV029203.D
Acq: 20 Nov 2022 04:35

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:146 Resp: 37056
Ion Ratio Lower Upper
146 100
111 35.6 26.5 49.3
148 60.6 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 0.791 ug/L
RT: 11.635 min Scan# 3295
Delta R.T. 0.000 min
Lab File: VV029203.D
Acq: 20 Nov 2022 04:35

Tgt Ion:146 Resp: 28274
Ion Ratio Lower Upper
146 100
111 39.9 32.4 48.6
148 65.6 49.4 74.2

