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 Data File : VW029091.D
 Acq On : 18 Nov 2022 02:36
 Operator : SY/MD
 Sample : N5648-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

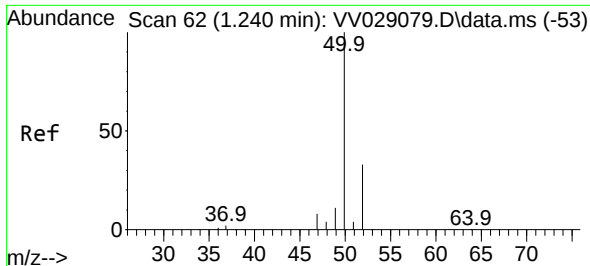
Instrument :
 MSVOA_V
 ClientSampleId :
 H46E7

Quant Time: Nov 18 06:02:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 04:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	256658	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	235590	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	109265	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	60352	3.857	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.200%
7) Chloroethane-d5	1.568	69	50806	3.693	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.105	63	82843	2.905	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.200%#
20) 2-Butanone-d5	3.892	46	154963	59.163	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.320%
24) Chloroform-d	4.343	84	146889	4.572	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.031	65	69110	4.781	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.047	84	305687	4.347	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.066	67	89099	4.537	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.310	98	277801	4.389	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	7.622	79	26698	4.169	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.088	63	124931	45.701	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.400%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	67496	4.958	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	11.616	152	106991	5.473	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	833	0.047	ug/L	95
5) Vinyl chloride	1.311	62	265251	13.096	ug/L	95
6) Bromomethane	1.526	94	605	0.050	ug/L	98
8) Chloroethane	1.423	64	267690	22.491	ug/L #	52
14) Carbon disulfide	2.294	76	9701	0.176	ug/L	95
17) Methyl tert-butyl Ether	2.764	73	9843459	295.505	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	21758	1.207	ug/L	96
19) 1,1-Dichloroethane	3.185	63	49848	1.692	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	12866	0.702	ug/L	97
33) Benzene	5.101	78	36662	0.509	ug/L	100
35) Methylcyclohexane	6.066	83	22445	0.693	ug/L #	21
39) cis-1,3-Dichloropropene	6.986	75	1696	0.073	ug/L #	74
61) 1,2,3-Trichloropropane	11.243	75	10543	1.412	ug/L #	65

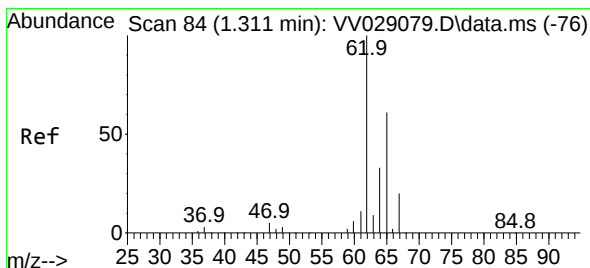
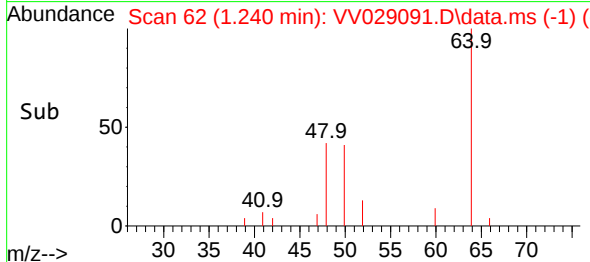
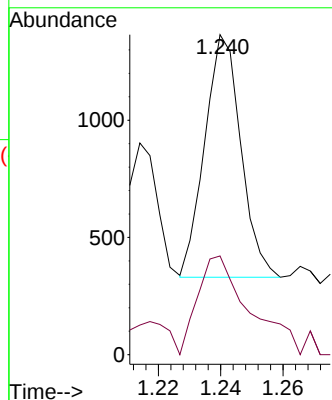
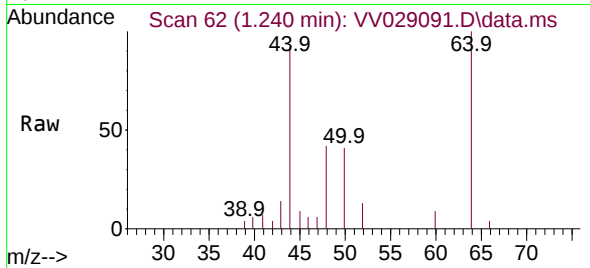
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.047 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV029091.D
Acq: 18 Nov 2022 02:36

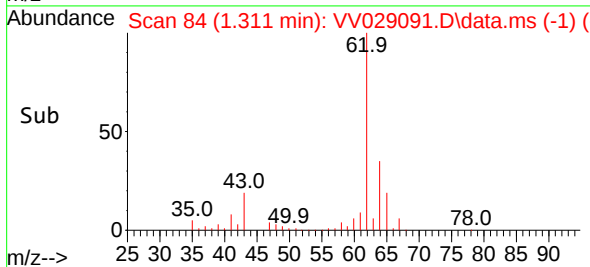
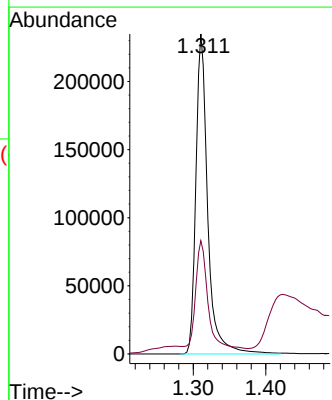
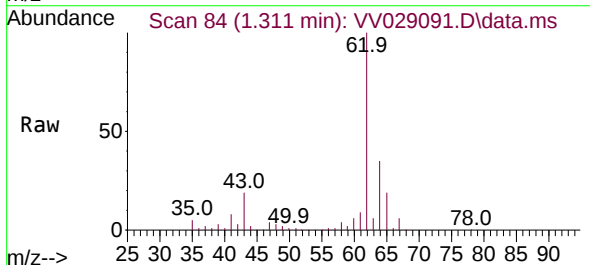
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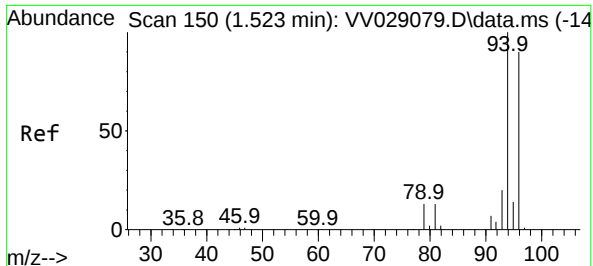
Tgt Ion: 50 Resp: 833
Ion Ratio Lower Upper
50 100
52 30.8 23.7 43.9



#5
Vinyl chloride
Concen: 13.096 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV029091.D
Acq: 18 Nov 2022 02:36

Tgt Ion: 62 Resp: 265251
Ion Ratio Lower Upper
62 100
64 35.4 22.8 42.4

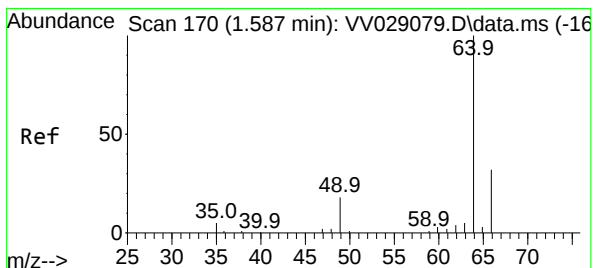
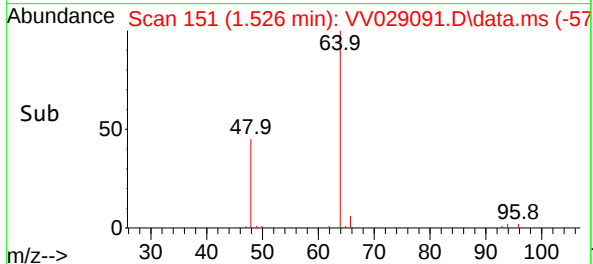
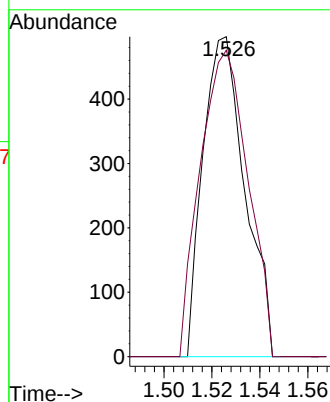
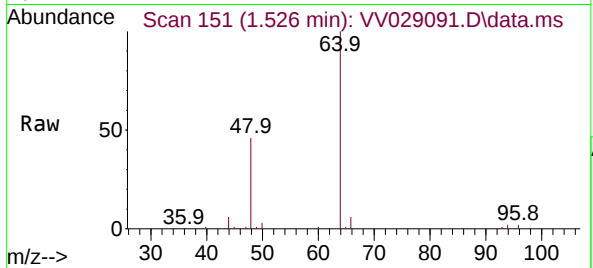




#6
Bromomethane
Concen: 0.050 ug/L
RT: 1.526 min Scan# 119
Delta R.T. 0.003 min
Lab File: VV029091.D
Acq: 18 Nov 2022 02:36

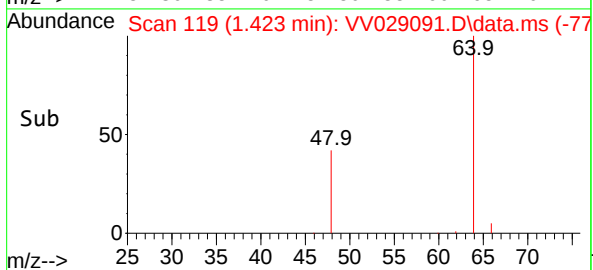
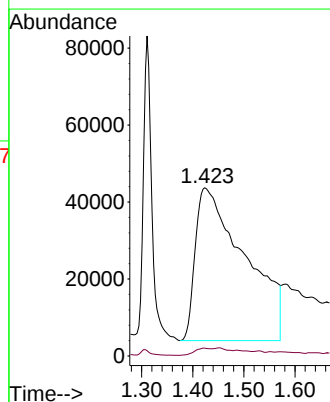
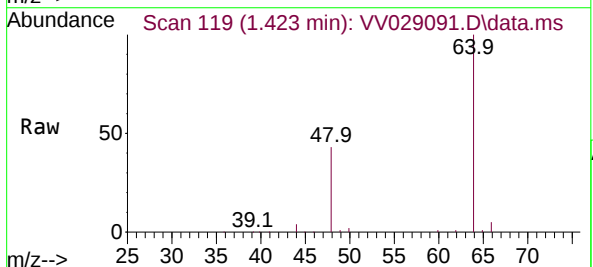
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ClientSampleId :
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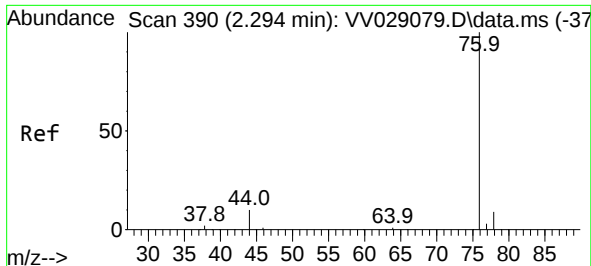
Tgt Ion: 94 Resp: 605
Ion Ratio Lower Upper
94 100
96 95.8 68.5 127.3



#8
Chloroethane
Concen: 22.491 ug/L
RT: 1.423 min Scan# 119
Delta R.T. -0.164 min
Lab File: VV029091.D
Acq: 18 Nov 2022 02:36

Tgt Ion: 64 Resp: 267690
Ion Ratio Lower Upper
64 100
66 4.6 22.0 40.8#

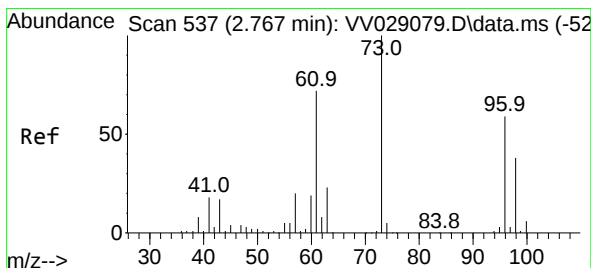
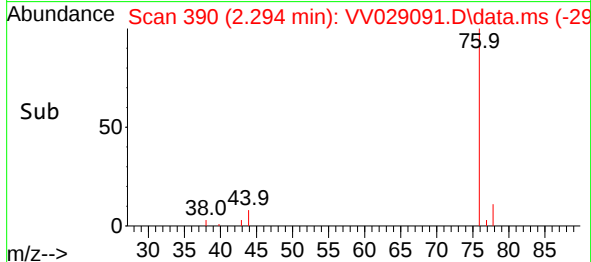
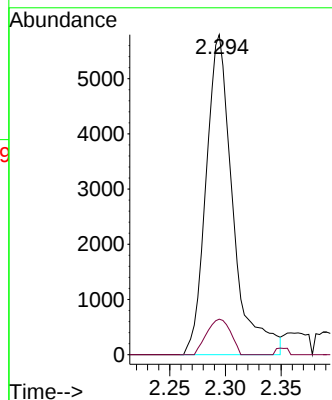
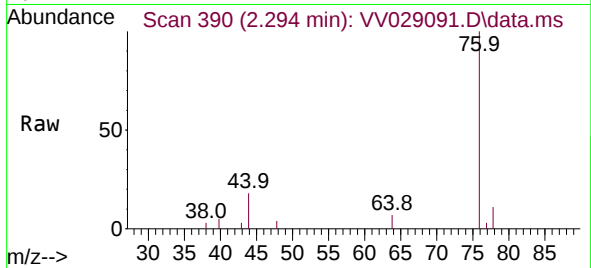




#14
Carbon disulfide
Concen: 0.176 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV029091.D
Acq: 18 Nov 2022 02:36

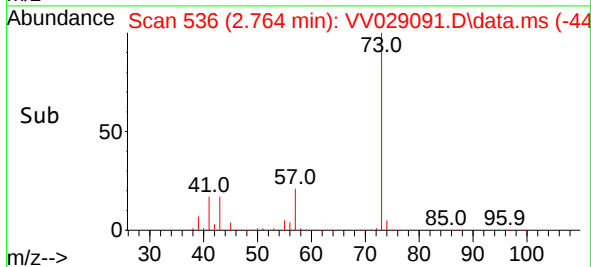
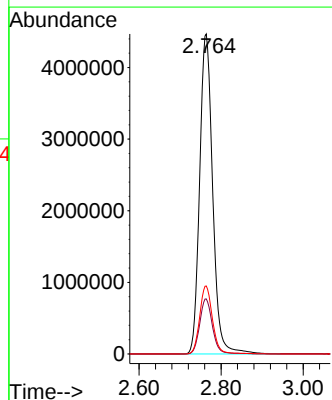
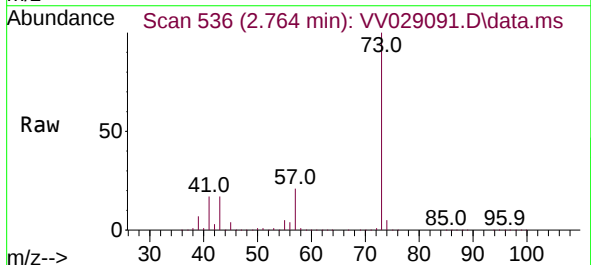
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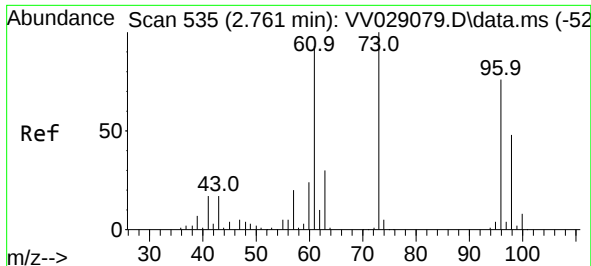
Tgt Ion: 76 Resp: 9701
Ion Ratio Lower Upper
76 100
78 11.1 7.4 11.2



#17
Methyl tert-butyl Ether
Concen: 295.505 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV029091.D
Acq: 18 Nov 2022 02:36

Tgt Ion: 73 Resp: 9843459
Ion Ratio Lower Upper
73 100
43 16.8 13.0 19.4
57 20.9 16.6 24.8

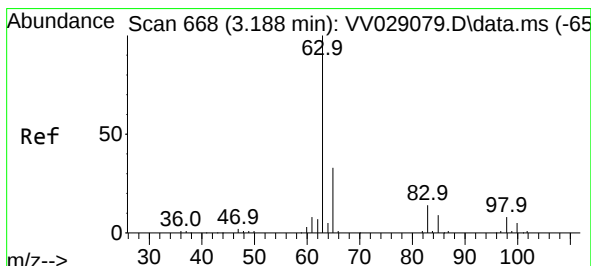
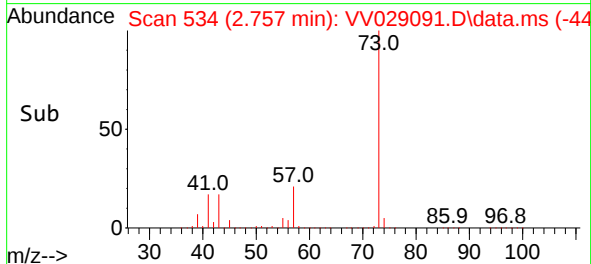
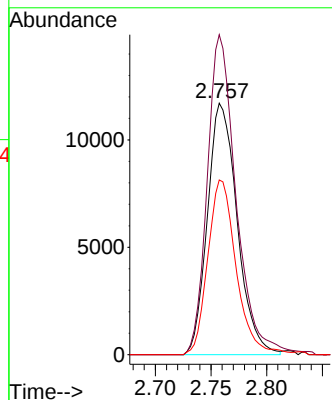
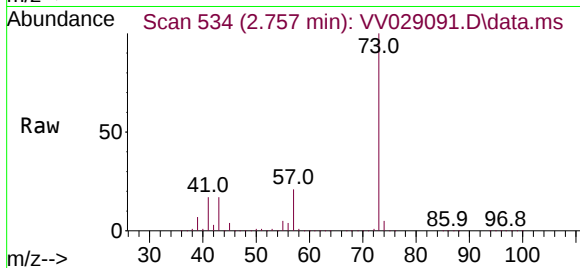




#18
trans-1,2-Dichloroethene
Concen: 1.207 ug/L
RT: 2.757 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV029091.D
Acq: 18 Nov 2022 02:36

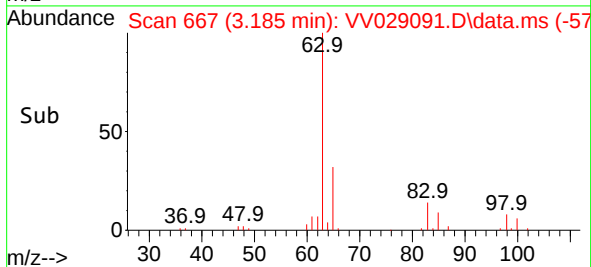
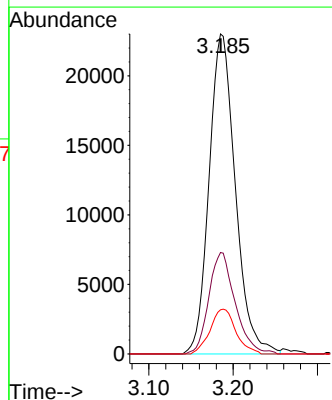
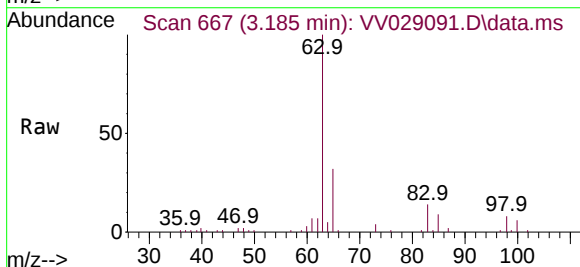
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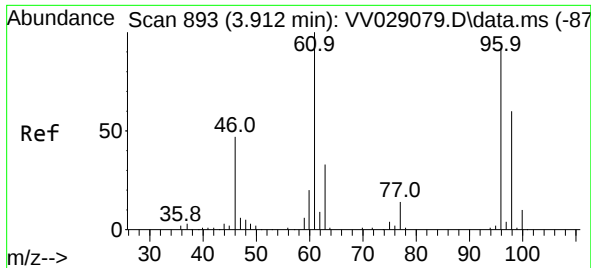
Tgt Ion: 96 Resp: 21758
Ion Ratio Lower Upper
96 100
61 127.2 91.8 170.6
98 69.4 46.4 86.2



#19
1,1-Dichloroethane
Concen: 1.692 ug/L
RT: 3.185 min Scan# 667
Delta R.T. -0.003 min
Lab File: VV029091.D
Acq: 18 Nov 2022 02:36

Tgt Ion: 63 Resp: 49848
Ion Ratio Lower Upper
63 100
65 31.7 23.0 42.6
83 13.8 9.4 17.6

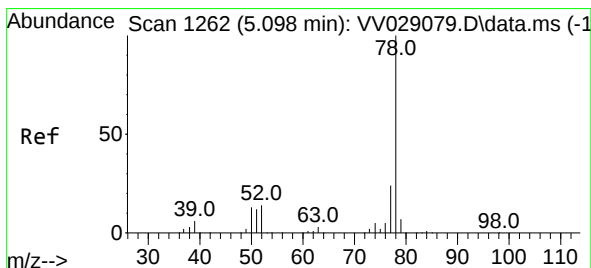
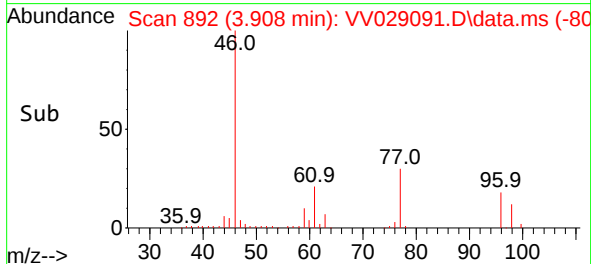
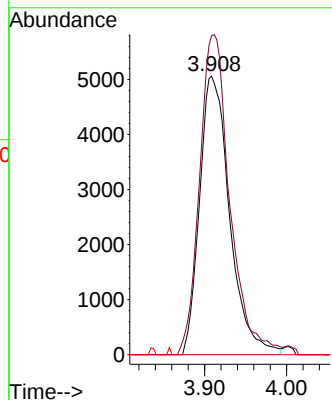
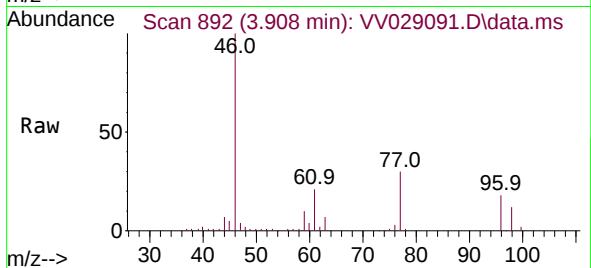




#22
 cis-1,2-Dichloroethene
 Concen: 0.702 ug/L
 RT: 3.908 min Scan# 893
 Delta R.T. -0.003 min
 Lab File: VV029091.D
 Acq: 18 Nov 2022 02:36

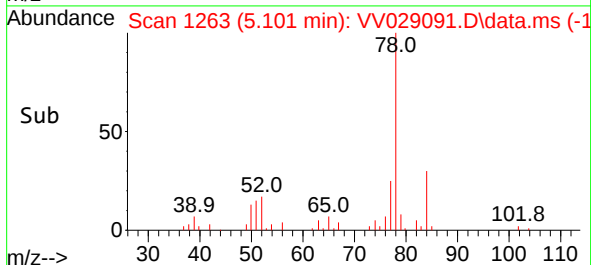
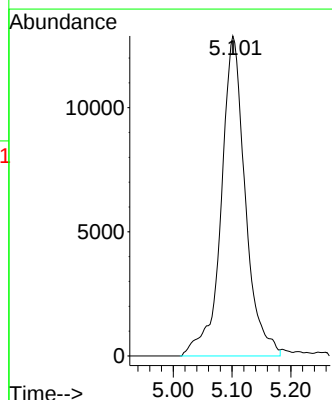
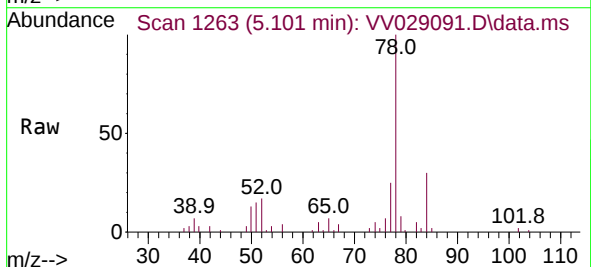
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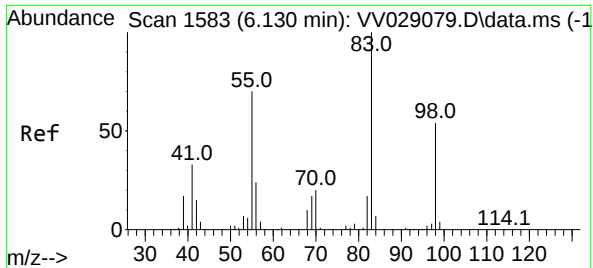
Tgt Ion: 96 Resp: 12866
 Ion Ratio Lower Upper
 96 100
 61 114.5 82.3 152.9
 68 0.0 0.0 0.0



#33
 Benzene
 Concen: 0.509 ug/L
 RT: 5.101 min Scan# 1263
 Delta R.T. 0.003 min
 Lab File: VV029091.D
 Acq: 18 Nov 2022 02:36

Tgt Ion: 78 Resp: 36662

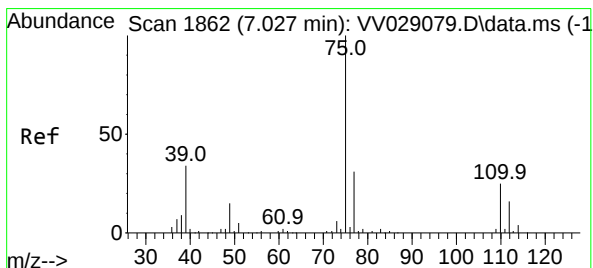
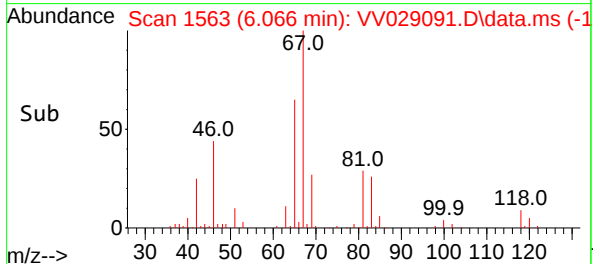
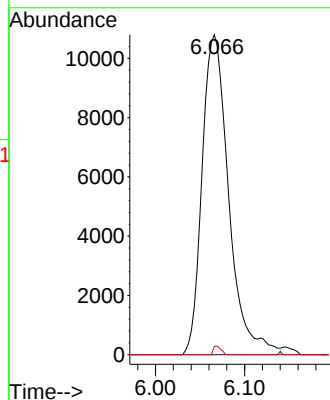
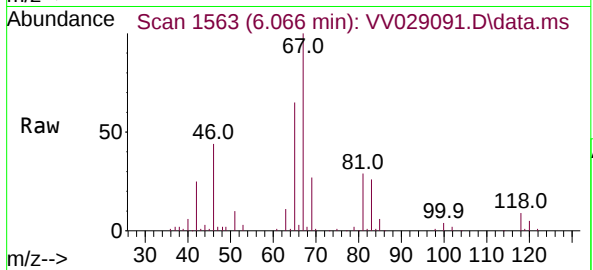




#35
Methylcyclohexane
Concen: 0.693 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.064 min
Lab File: VV029091.D
Acq: 18 Nov 2022 02:36

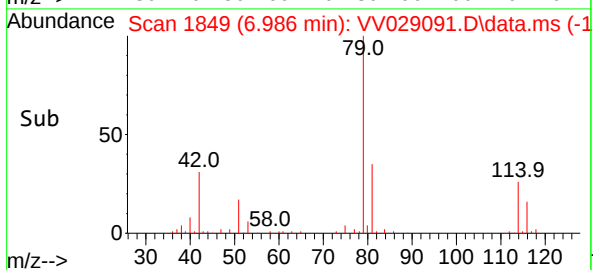
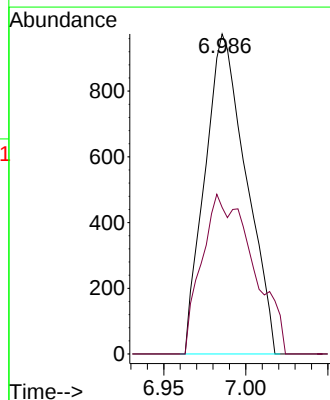
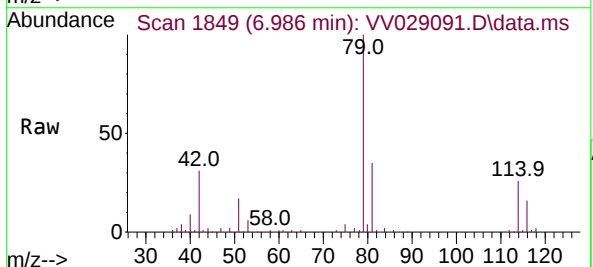
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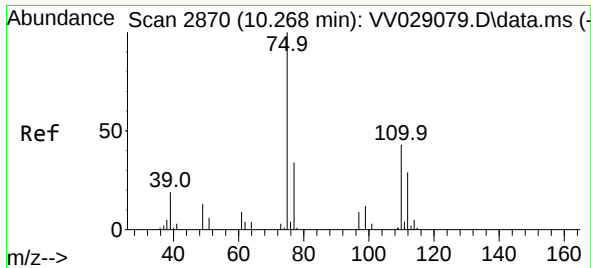
Tgt Ion: 83 Resp: 22445
Ion Ratio Lower Upper
83 100
55 0.1 55.8 83.6#
98 0.8 38.2 57.2#



#39
cis-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 6.986 min Scan# 1849
Delta R.T. -0.042 min
Lab File: VV029091.D
Acq: 18 Nov 2022 02:36

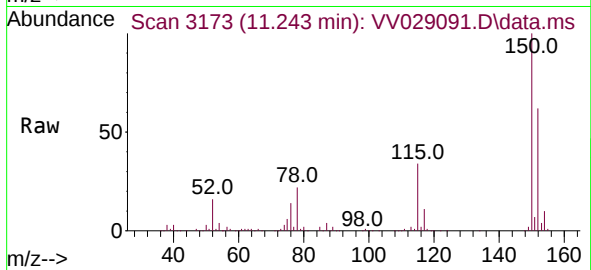
Tgt Ion: 75 Resp: 1696
Ion Ratio Lower Upper
75 100
77 45.8 21.8 40.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.412 ug/L
 RT: 11.243 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV029091.D
 Acq: 18 Nov 2022 02:36

Instrument :
 MSVOA_V
 ClientSampleId :
 H46E7



Tgt Ion: 75 Resp: 10543
 Ion Ratio Lower Upper
 75 100
 77 32.8 26.2 39.2
 110 1.6 32.6 48.8#

