

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111722\
 Data File : VW029094.D
 Acq On : 18 Nov 2022 03:49
 Operator : SY/MD
 Sample : N5648-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46D9

Quant Time: Nov 18 06:03:39 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)

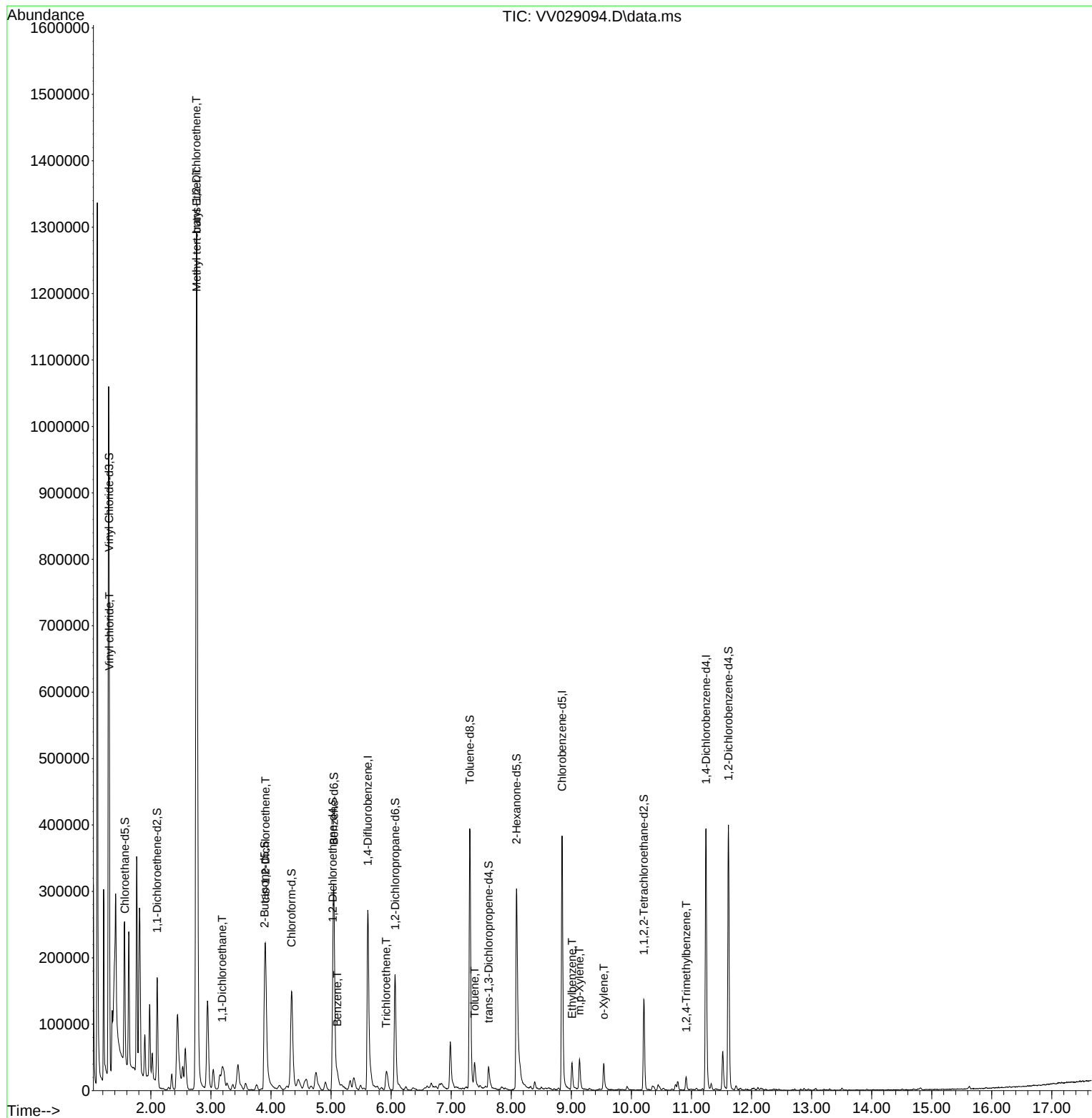
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	264674	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	240411	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	117763	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	58773	3.642	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.800%
7) Chloroethane-d5	1.568	69	53197	3.750	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	2.105	63	81436	2.769	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.400%#
20) 2-Butanone-d5	3.892	46	156856	58.072	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.140%
24) Chloroform-d	4.343	84	148482	4.482	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.027	65	69580	4.668	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.047	84	306406	4.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	6.066	67	88388	4.411	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.310	98	291241	4.509	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	7.622	79	24737	3.785	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.800%
46) 2-Hexanone-d5	8.088	63	133201	47.749	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.500%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	69046	4.970	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	11.616	152	113612	5.392	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.311	62	12761	0.611	ug/L #	1
17) Methyl tert-butyl Ether	2.764	73	1304620	37.979	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	37327	2.009	ug/L	93
19) 1,1-Dichloroethane	3.188	63	27849	0.917	ug/L	98
22) cis-1,2-Dichloroethene	3.909	96	103605	5.484	ug/L	92
33) Benzene	5.105	78	24834	0.338	ug/L	100
34) Trichloroethene	5.918	95	9000	0.479	ug/L	94
42) Toluene	7.391	91	30780	0.388	ug/L	98
52) Ethylbenzene	9.011	91	31377	0.380	ug/L	96
53) m,p-Xylene	9.137	106	16019	0.487	ug/L	99
54) o-Xylene	9.539	106	11634	0.372	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	12610	0.194	ug/L	96

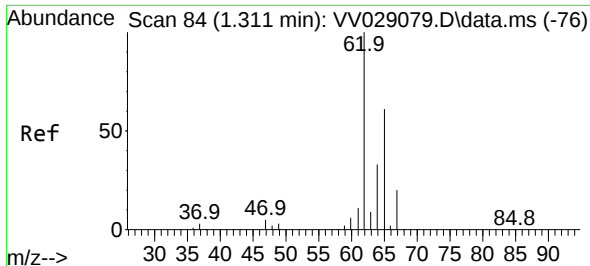
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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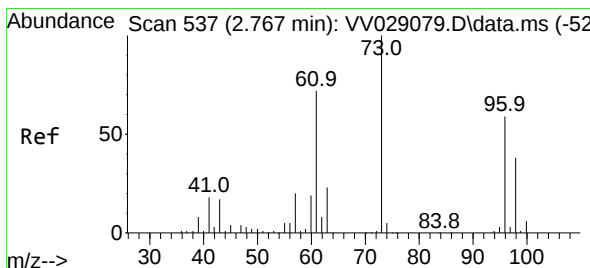
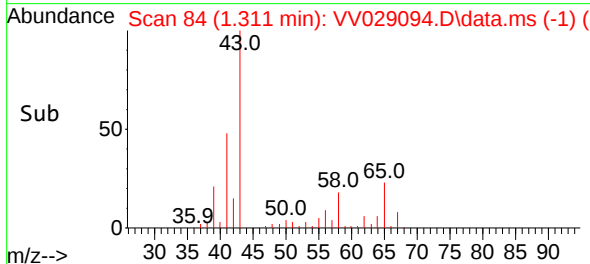
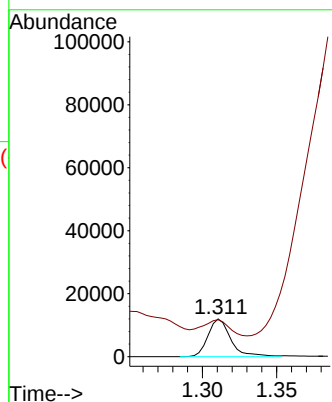
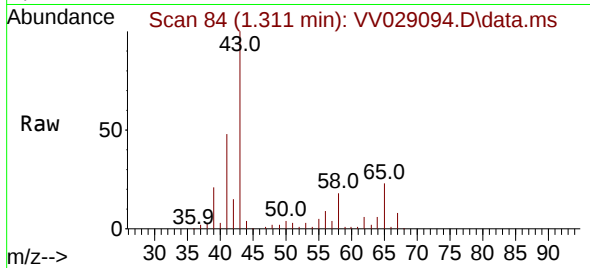




#5
 Vinyl chloride
 Concen: 0.611 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV029094.D
 Acq: 18 Nov 2022 03:49

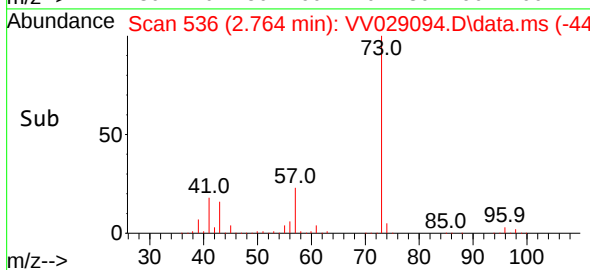
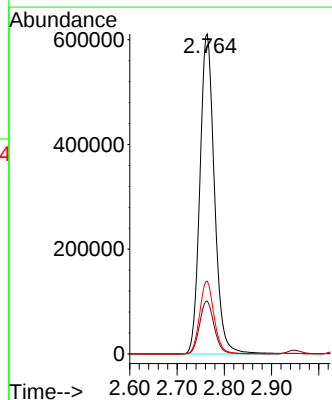
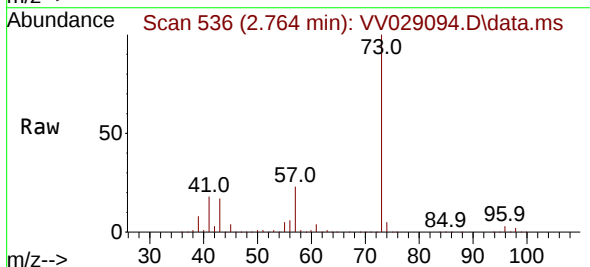
Instrument :
 MSVOA_V
 ClientSampleId :
 H46D9

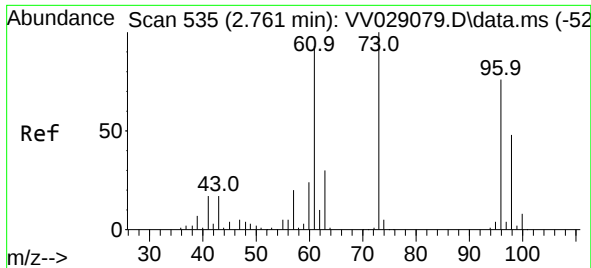
Tgt Ion: 62 Resp: 12761
 Ion Ratio Lower Upper
 62 100
 64 97.6 22.8 42.4#



#17
 Methyl tert-butyl Ether
 Concen: 37.979 ug/L
 RT: 2.764 min Scan# 536
 Delta R.T. -0.003 min
 Lab File: VV029094.D
 Acq: 18 Nov 2022 03:49

Tgt Ion: 73 Resp: 1304620
 Ion Ratio Lower Upper
 73 100
 43 16.7 13.0 19.4
 57 22.6 16.6 24.8



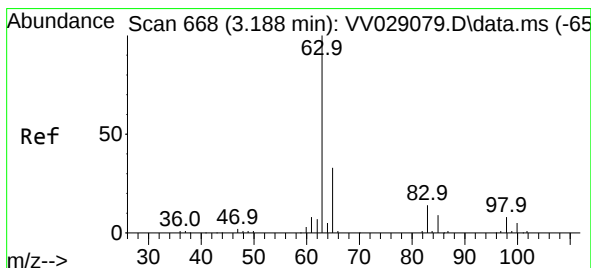
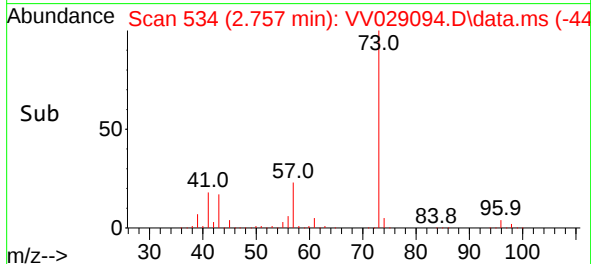
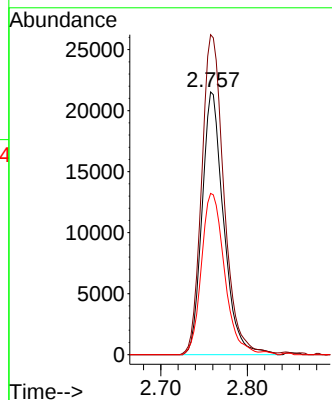
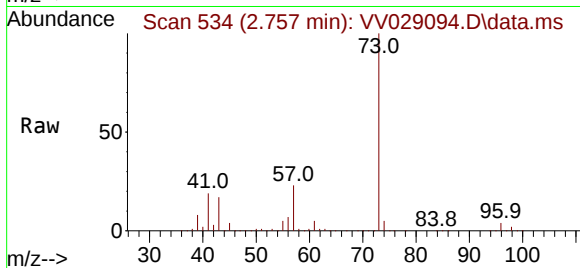


#18
 trans-1,2-Dichloroethene
 Concen: 2.009 ug/L
 RT: 2.757 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VV029094.D
 Acq: 18 Nov 2022 03:49

Instrument :
 MSVOA_V
 ClientSampleId :
 H46D9

Tgt Ion: 96 Resp: 37327

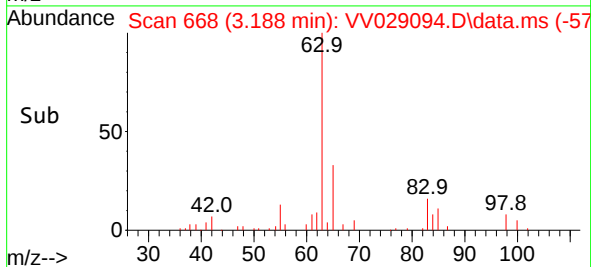
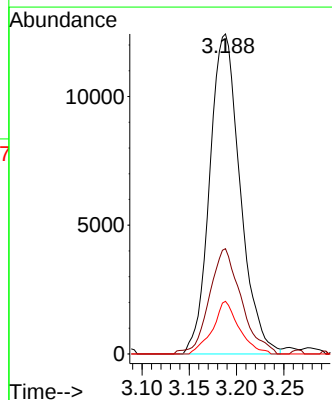
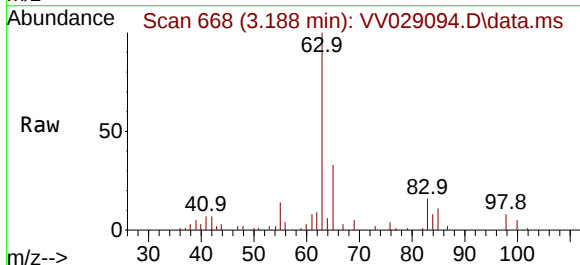
Ion	Ratio	Lower	Upper
96	100		
61	121.8	91.8	170.6
98	61.4	46.4	86.2

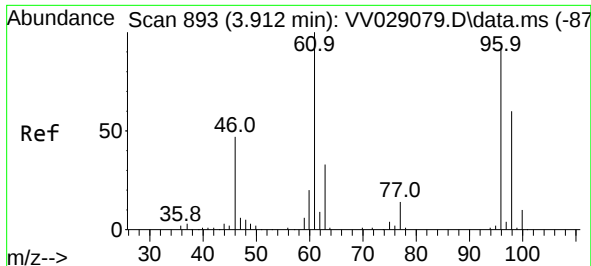


#19
 1,1-Dichloroethane
 Concen: 0.917 ug/L
 RT: 3.188 min Scan# 668
 Delta R.T. 0.000 min
 Lab File: VV029094.D
 Acq: 18 Nov 2022 03:49

Tgt Ion: 63 Resp: 27849

Ion	Ratio	Lower	Upper
63	100		
65	32.9	23.0	42.6
83	16.4	9.4	17.6





#22

cis-1,2-Dichloroethene

Concen: 5.484 ug/L

RT: 3.909 min Scan# 89

Delta R.T. -0.003 min

Lab File: VV029094.D

Acq: 18 Nov 2022 03:49

Instrument :

MSVOA_V

ClientSampleId :

H46D9

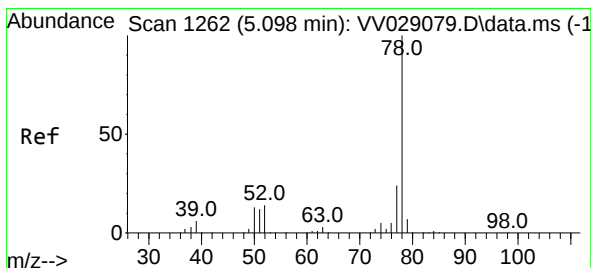
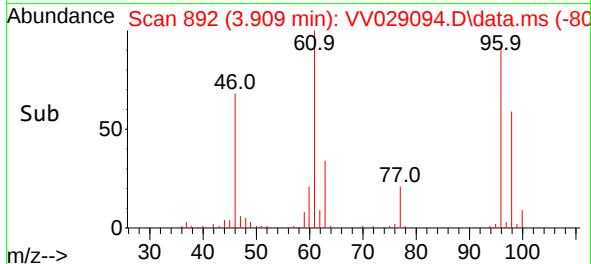
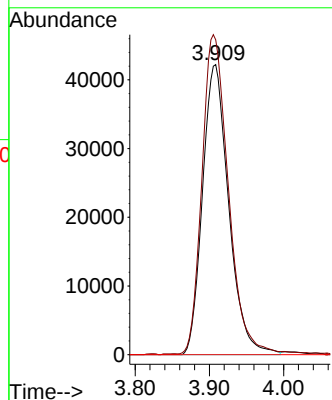
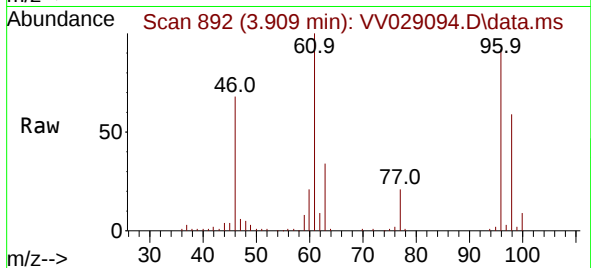
Tgt Ion: 96 Resp: 103605

Ion Ratio Lower Upper

96 100

61 108.5 82.3 152.9

68 0.0 0.0 0.0



#33

Benzene

Concen: 0.338 ug/L

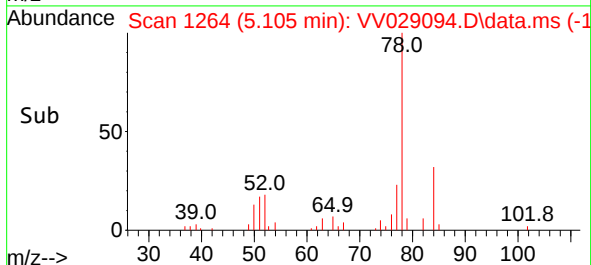
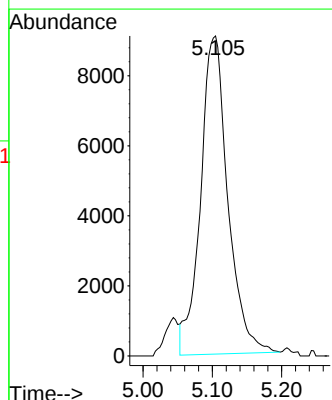
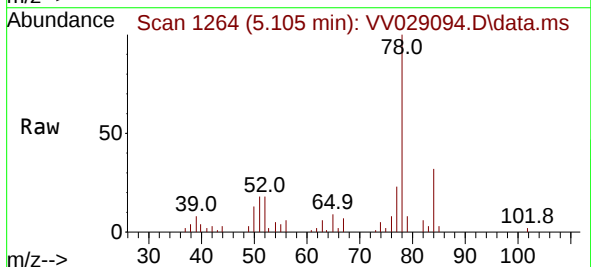
RT: 5.105 min Scan# 1264

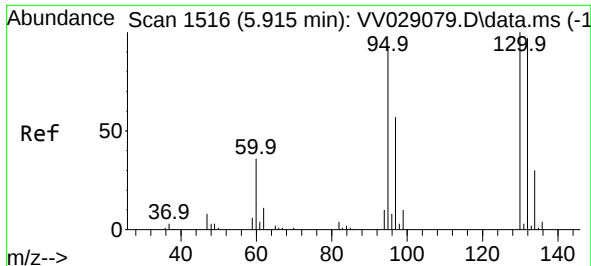
Delta R.T. 0.006 min

Lab File: VV029094.D

Acq: 18 Nov 2022 03:49

Tgt Ion: 78 Resp: 24834



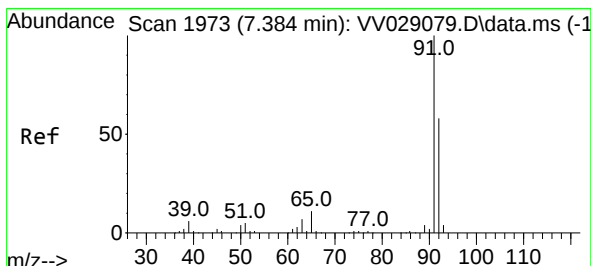
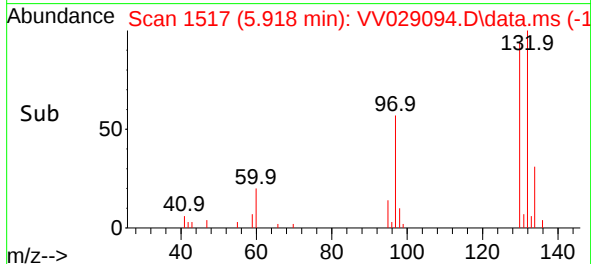
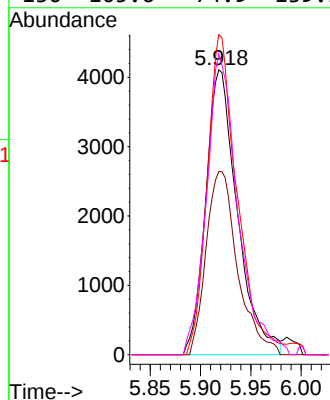
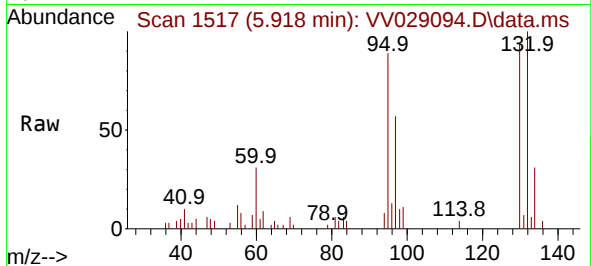


#34
Trichloroethene
Concen: 0.479 ug/L
RT: 5.918 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029094.D
Acq: 18 Nov 2022 03:49

Instrument :
MSVOA_V
ClientSampleId :
H46D9

Tgt Ion: 95 Resp: 9000

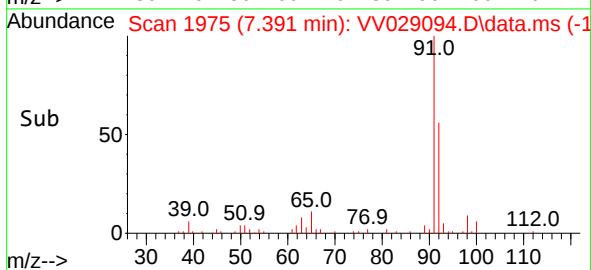
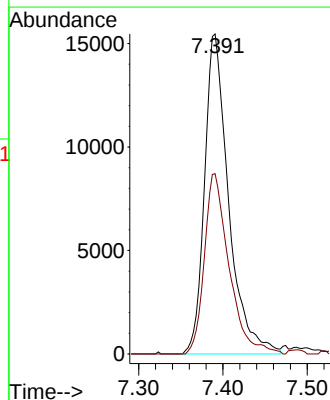
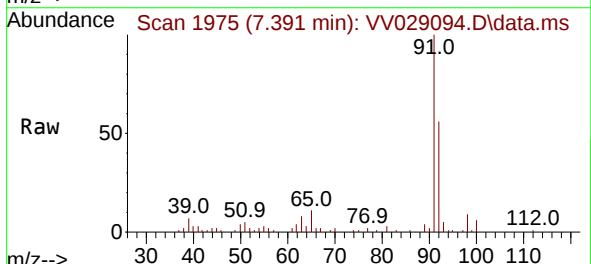
Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.6	84.8
132	112.3	69.1	128.3
130	105.6	74.9	139.1

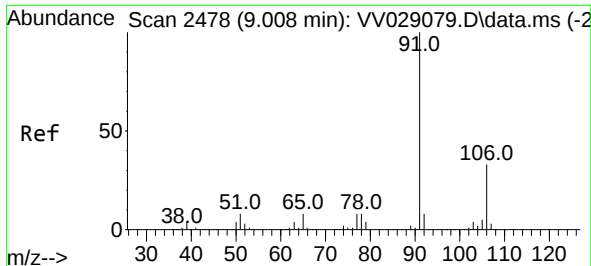


#42
Toluene
Concen: 0.388 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.006 min
Lab File: VV029094.D
Acq: 18 Nov 2022 03:49

Tgt Ion: 91 Resp: 30780

Ion	Ratio	Lower	Upper
91	100		
92	56.3	40.7	75.5





#52

Ethylbenzene

Concen: 0.380 ug/L

RT: 9.011 min Scan# 2478

Delta R.T. 0.003 min

Lab File: VV029094.D

Acq: 18 Nov 2022 03:49

Instrument :

MSVOA_V

ClientSampleId :

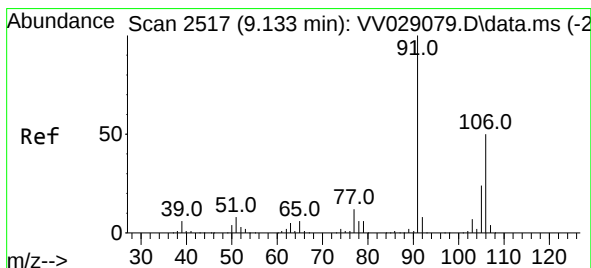
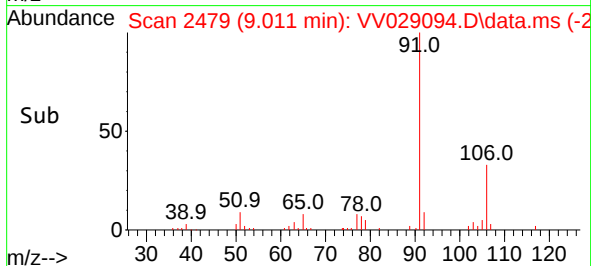
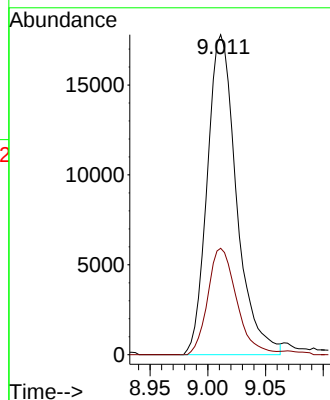
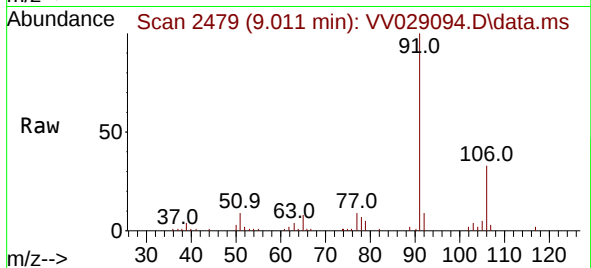
H46D9

Tgt Ion: 91 Resp: 31377

Ion Ratio Lower Upper

91 100

106 33.2 21.6 40.2



#53

m,p-Xylene

Concen: 0.487 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.003 min

Lab File: VV029094.D

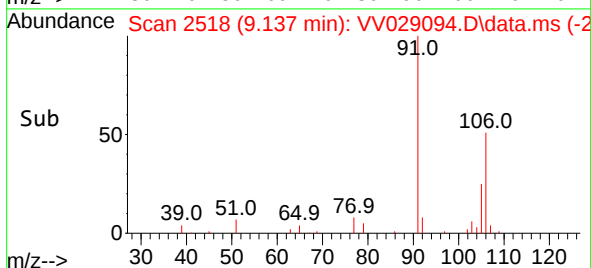
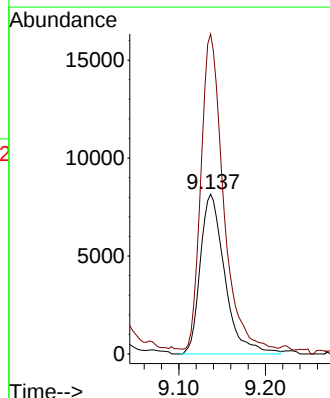
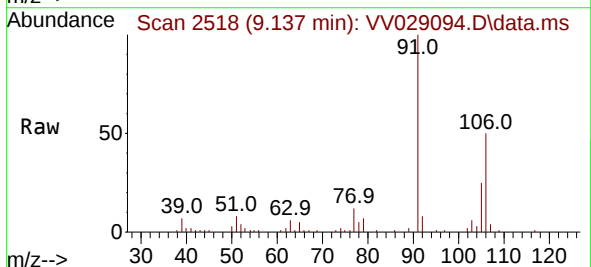
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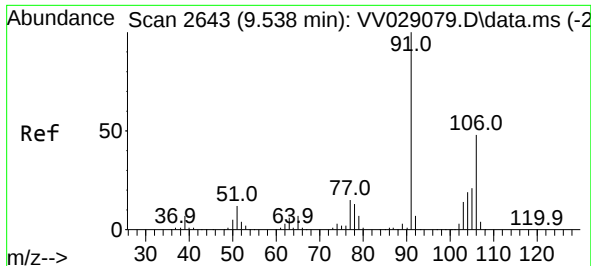
Tgt Ion:106 Resp: 16019

Ion Ratio Lower Upper

106 100

91 200.2 139.1 258.3

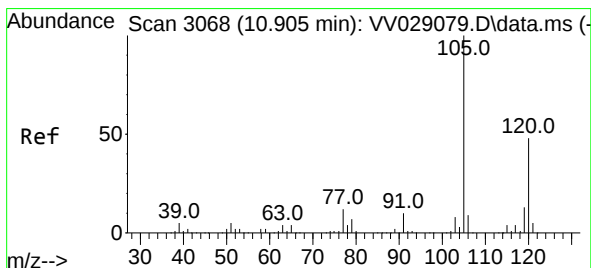
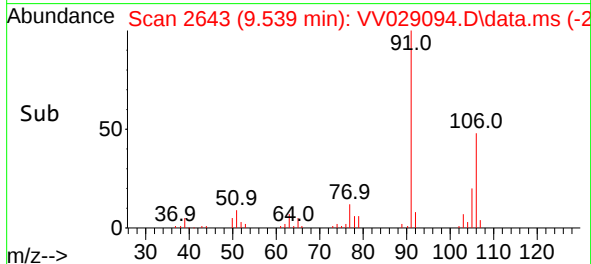
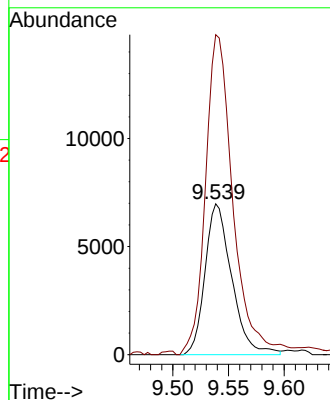
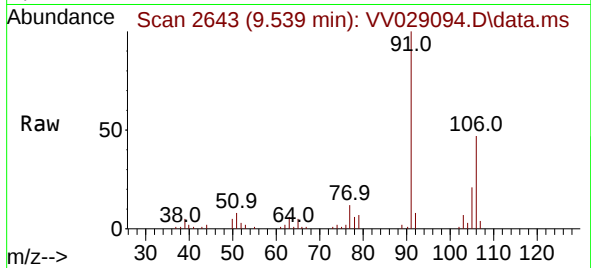




#54
o-Xylene
Concen: 0.372 ug/L
RT: 9.539 min Scan# 2643
Delta R.T. 0.000 min
Lab File: VV029094.D
Acq: 18 Nov 2022 03:49

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:106 Resp: 11634
Ion Ratio Lower Upper
106 100
91 212.1 145.7 270.7



#63
1,2,4-Trimethylbenzene
Concen: 0.194 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. 0.006 min
Lab File: VV029094.D
Acq: 18 Nov 2022 03:49

Tgt Ion:105 Resp: 12610
Ion Ratio Lower Upper
105 100
120 44.9 37.8 56.8

