

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111922\
 Data File : VW029193.D
 Acq On : 20 Nov 2022 00:31
 Operator : SY/MD
 Sample : N5648-11DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46E9DL

Quant Time: Nov 20 04:30:20 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)

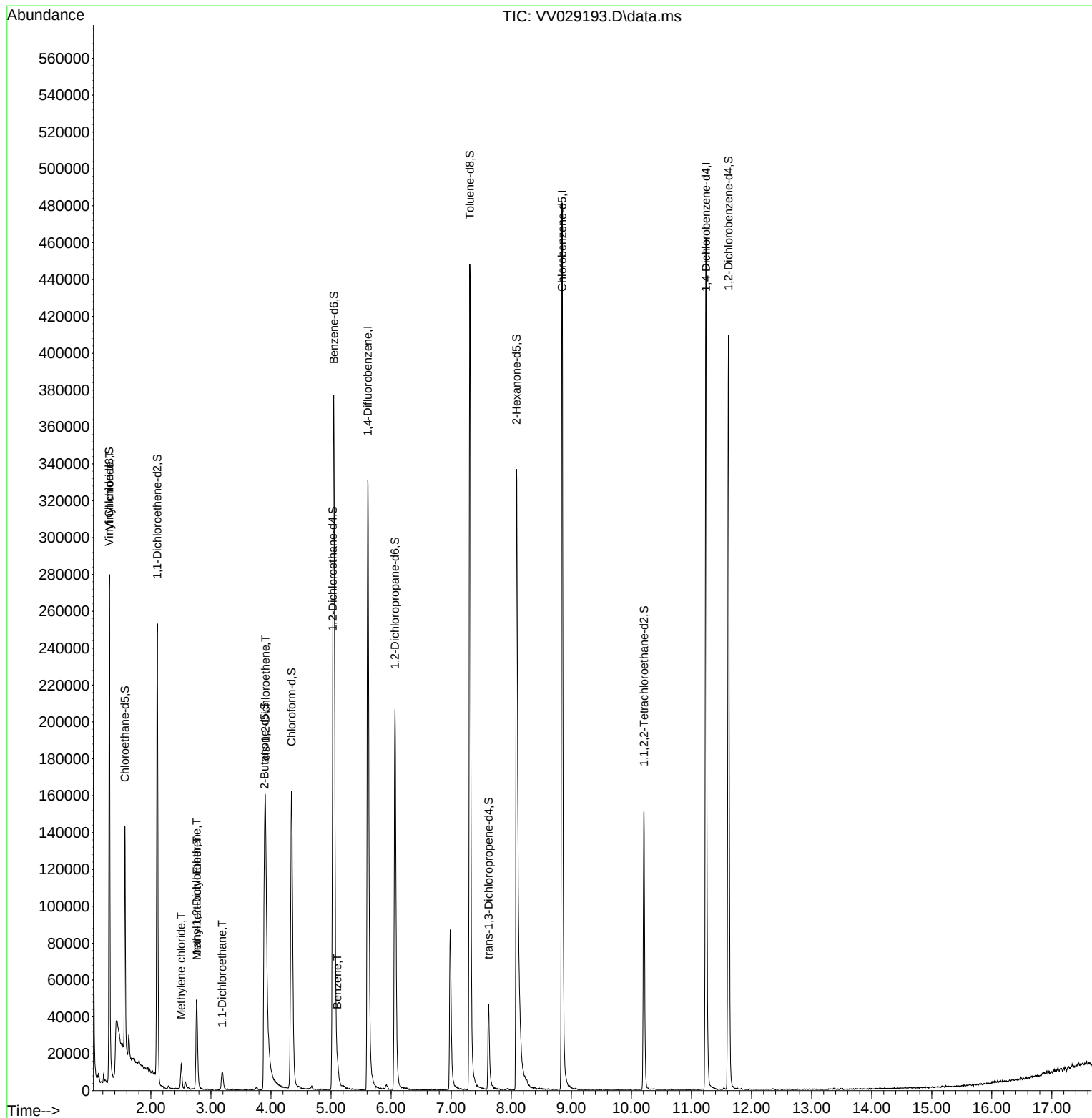
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	314970	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	287178	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	135337	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	99619	5.188	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 103.800%		
7) Chloroethane-d5	1.568	69	80218	4.752	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 95.000%		
11) 1,1-Dichloroethene-d2	2.108	63	124559	3.559	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 71.200%		
20) 2-Butanone-d5	3.892	46	190486	59.261	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	= 118.520%		
24) Chloroform-d	4.342	84	176730	4.483	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 89.600%		
26) 1,2-Dichloroethane-d4	5.027	65	81000	4.567	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 91.400%		
32) Benzene-d6	5.046	84	373337	4.355	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 87.200%		
36) 1,2-Dichloropropane-d6	6.063	67	107970	4.511	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 90.200%		
41) Toluene-d8	7.310	98	322510	4.180	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 83.600%		
43) trans-1,3-Dichloroprop...	7.622	79	30786	3.944	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 78.800%		
46) 2-Hexanone-d5	8.088	63	149807	44.957	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 89.920%		
56) 1,1,2,2-Tetrachloroeth...	10.210	84	77305	4.658	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 93.200%		
66) 1,2-Dichlorobenzene-d4	11.615	152	115360	4.764	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 95.200%		
Target Compounds						
						Qvalue
5) Vinyl chloride	1.310	62	98188	3.950	ug/L	98
16) Methylene chloride	2.506	84	5132	0.208	ug/L	82
17) Methyl tert-butyl Ether	2.767	73	15355	0.376	ug/L #	92
18) trans-1,2-Dichloroethene	2.764	96	14459	0.654	ug/L	99
19) 1,1-Dichloroethane	3.188	63	11265	0.312	ug/L	95
22) cis-1,2-Dichloroethene	3.908	96	45267	2.013	ug/L	98
33) Benzene	5.101	78	10579	0.121	ug/L	100

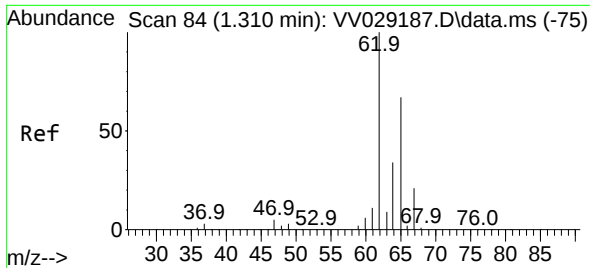
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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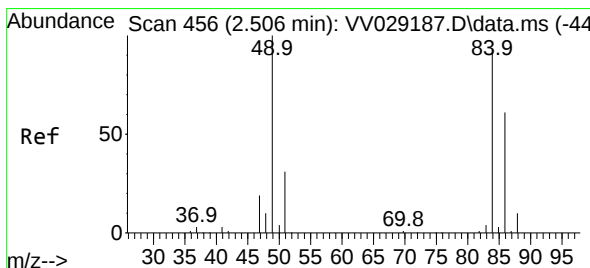
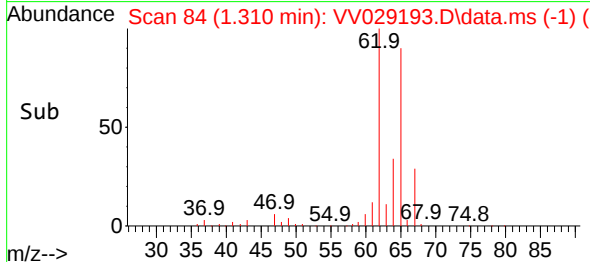
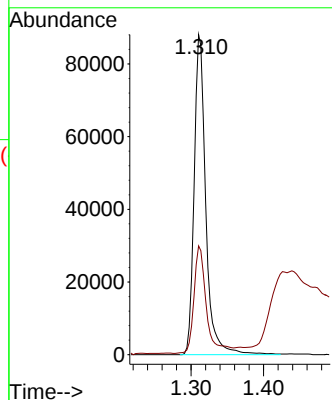
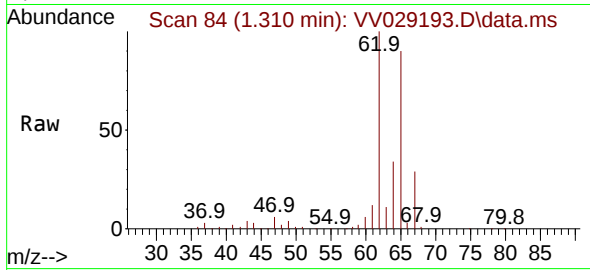




#5
 Vinyl chloride
 Concen: 3.950 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV029193.D
 Acq: 20 Nov 2022 00:31

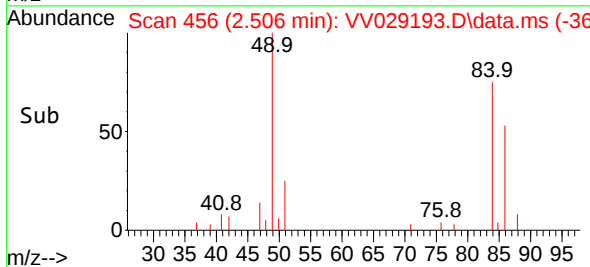
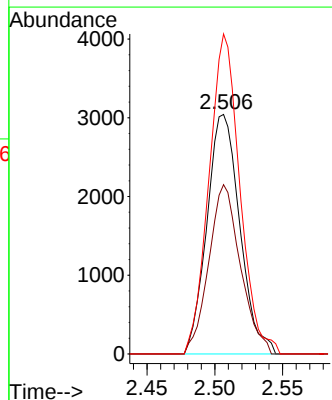
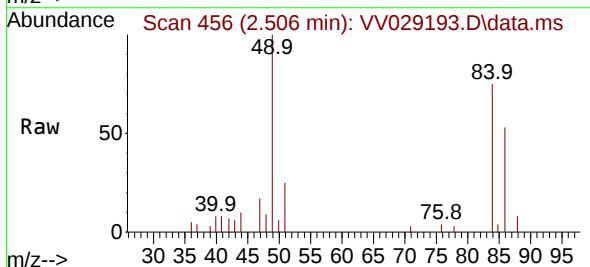
Instrument :
 MSVOA_V
 ClientSampleId :
 H46E9DL

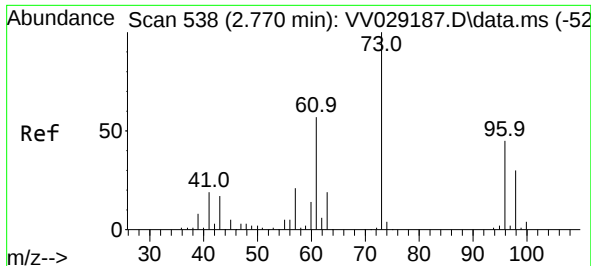
Tgt Ion: 62 Resp: 98188
 Ion Ratio Lower Upper
 62 100
 64 34.0 22.8 42.4



#16
 Methylene chloride
 Concen: 0.208 ug/L
 RT: 2.506 min Scan# 456
 Delta R.T. -0.000 min
 Lab File: VV029193.D
 Acq: 20 Nov 2022 00:31

Tgt Ion: 84 Resp: 5132
 Ion Ratio Lower Upper
 84 100
 86 70.7 45.8 85.0
 49 133.6 75.5 140.1

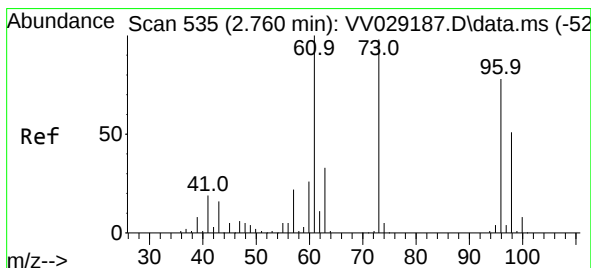
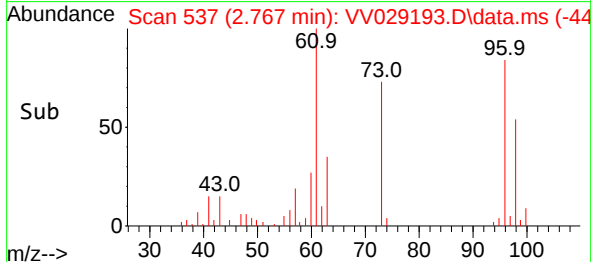
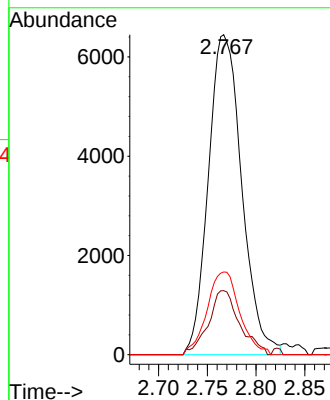
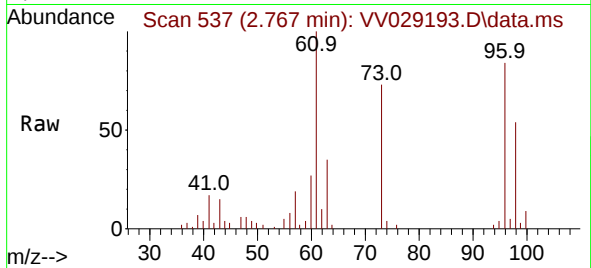




#17
Methyl tert-butyl Ether
Concen: 0.376 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV029193.D
Acq: 20 Nov 2022 00:31

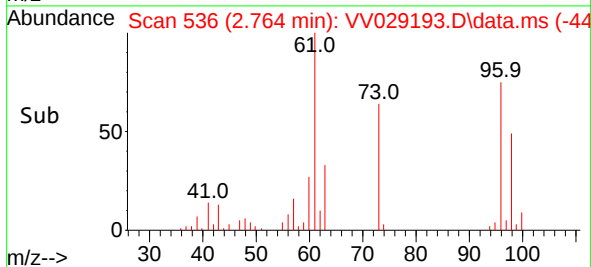
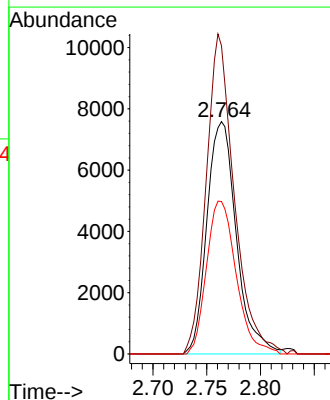
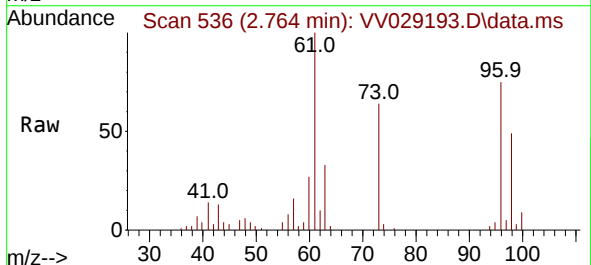
Instrument :
MSVOA_V
ClientSampleId :
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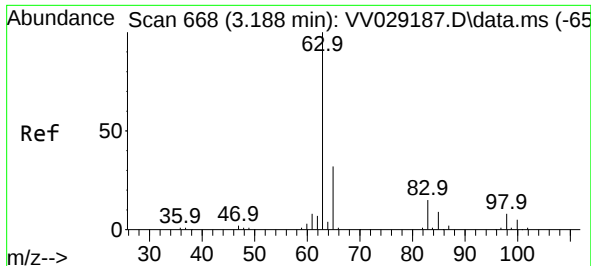
Tgt Ion: 73 Resp: 15355
Ion Ratio Lower Upper
73 100
43 18.8 13.0 19.4
57 25.3 16.6 24.8#



#18
trans-1,2-Dichloroethene
Concen: 0.654 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV029193.D
Acq: 20 Nov 2022 00:31

Tgt Ion: 96 Resp: 14459
Ion Ratio Lower Upper
96 100
61 132.7 91.8 170.6
98 65.7 46.4 86.2





#19

1,1-Dichloroethane

Concen: 0.312 ug/L

RT: 3.188 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV029193.D

Acq: 20 Nov 2022 00:31

Instrument :

MSVOA_V

ClientSampleId :

H46E9DL

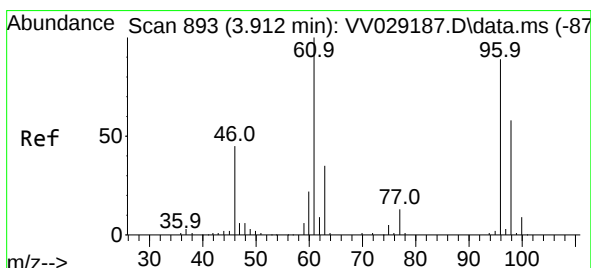
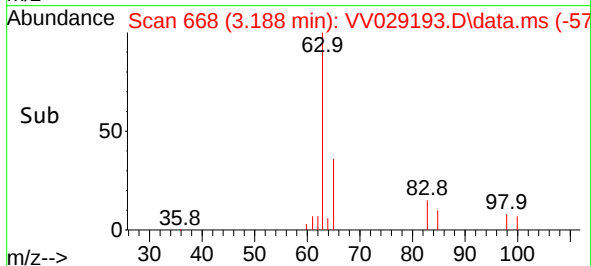
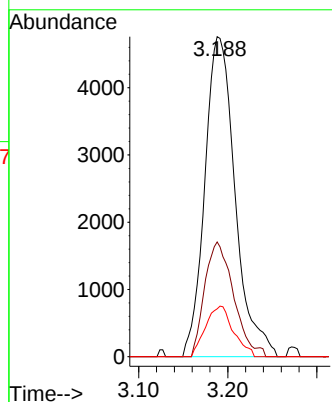
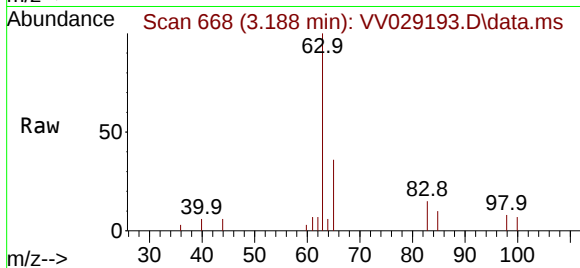
Tgt Ion: 63 Resp: 11265

Ion Ratio Lower Upper

63 100

65 35.8 23.0 42.6

83 14.9 9.4 17.6



#22

cis-1,2-Dichloroethene

Concen: 2.013 ug/L

RT: 3.908 min Scan# 892

Delta R.T. -0.003 min

Lab File: VV029193.D

Acq: 20 Nov 2022 00:31

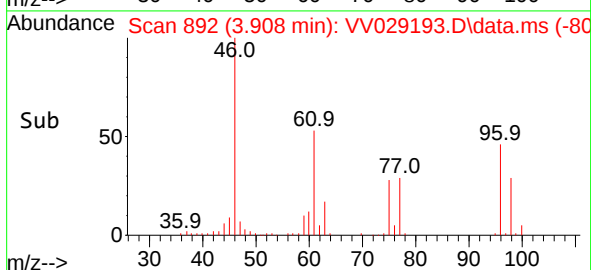
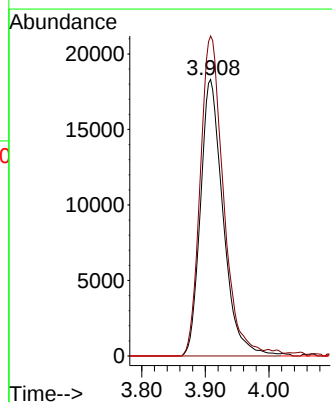
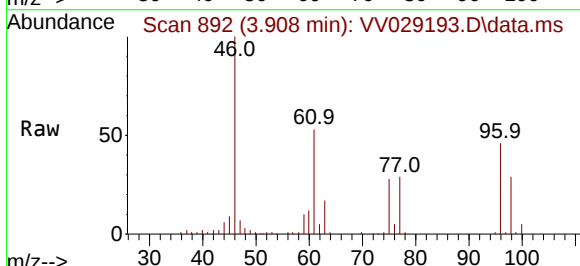
Tgt Ion: 96 Resp: 45267

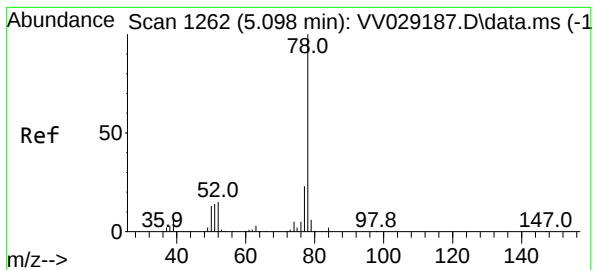
Ion Ratio Lower Upper

96 100

61 115.7 82.3 152.9

68 0.0 0.0 0.0





#33
Benzene
Concen: 0.121 ug/L
RT: 5.101 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029193.D
Acq: 20 Nov 2022 00:31

Instrument :
MSVOA_V
ClientSampleId :
H46E9DL

Tgt Ion: 78 Resp: 10579

