

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111722\
 Data File : VW029093.D
 Acq On : 18 Nov 2022 03:25
 Operator : SY/MD
 Sample : N5648-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46E9

Quant Time: Nov 18 06:03:24 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)

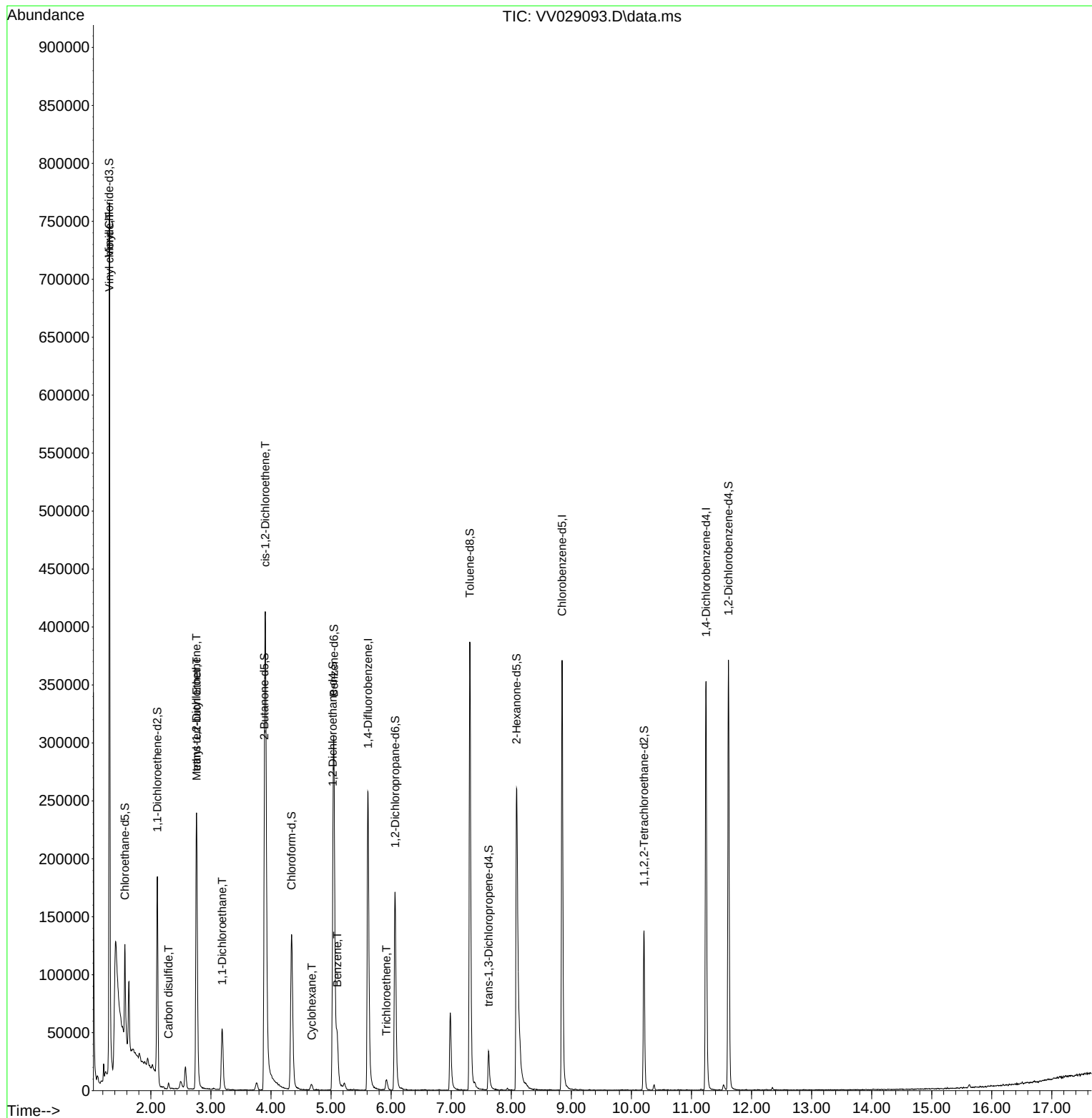
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	249185	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	230836	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	105365	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	62396	4.107	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.200%
7) Chloroethane-d5	1.568	69	51844	3.882	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.108	63	84617	3.056	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.200%
20) 2-Butanone-d5	3.889	46	121977	47.966	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.940%
24) Chloroform-d	4.342	84	147958	4.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.030	65	68789	4.902	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.047	84	305681	4.436	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.066	67	89449	4.649	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.310	98	282889	4.561	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	7.622	79	24121	3.844	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.800%
46) 2-Hexanone-d5	8.088	63	122218	45.629	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.260%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	68176	5.111	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	11.615	152	106979	5.675	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	441602	22.457	ug/L	97
14) Carbon disulfide	2.294	76	6619	0.124	ug/L	97
17) Methyl tert-butyl Ether	2.764	73	74409	2.301	ug/L	95
18) trans-1,2-Dichloroethene	2.757	96	73252	4.187	ug/L	95
19) 1,1-Dichloroethane	3.185	63	54640	1.910	ug/L	97
22) cis-1,2-Dichloroethene	3.905	96	233107	13.106	ug/L	91
30) Cyclohexane	4.677	56	2646	0.096	ug/L #	84
33) Benzene	5.101	78	50662	0.718	ug/L	100
34) Trichloroethene	5.921	95	3575	0.198	ug/L	94

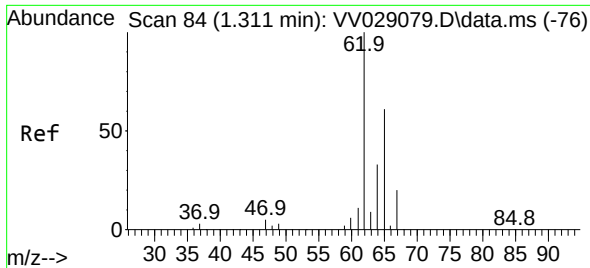
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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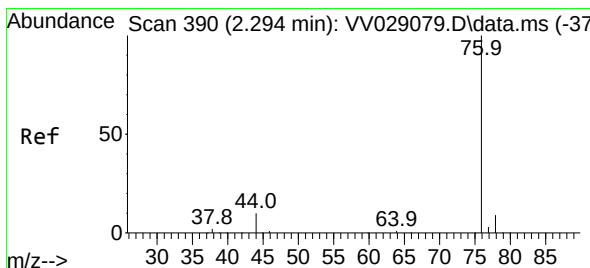
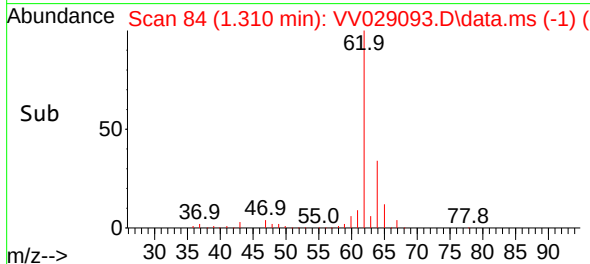
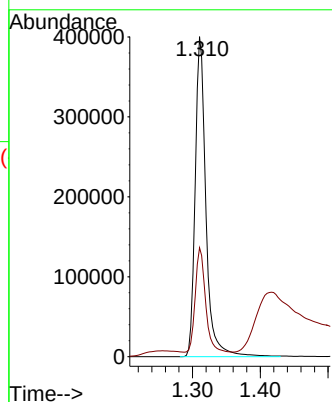
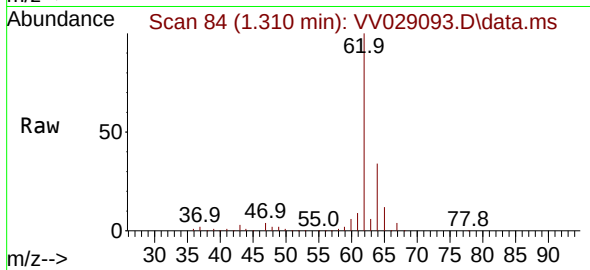




#5
 Vinyl chloride
 Concen: 22.457 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV029093.D
 Acq: 18 Nov 2022 03:25

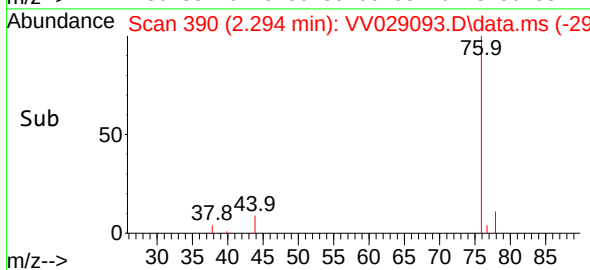
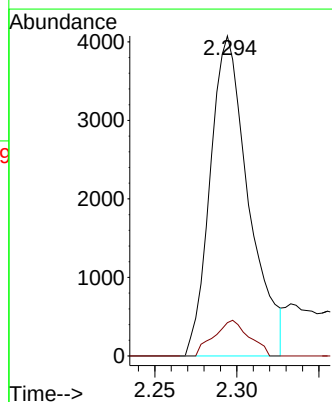
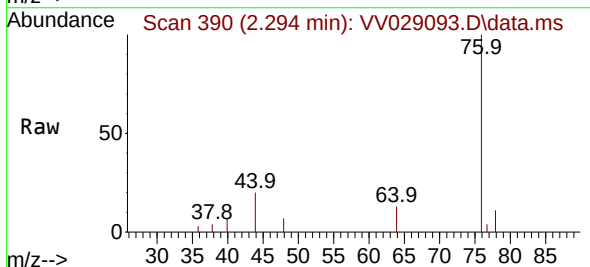
Instrument :
 MSVOA_V
 ClientSampleId :
 H46E9

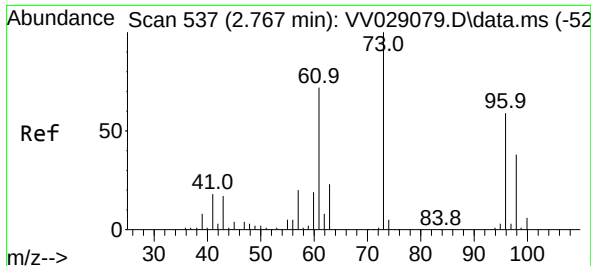
Tgt Ion: 62 Resp: 441602
 Ion Ratio Lower Upper
 62 100
 64 34.1 22.8 42.4



#14
 Carbon disulfide
 Concen: 0.124 ug/L
 RT: 2.294 min Scan# 390
 Delta R.T. -0.000 min
 Lab File: VV029093.D
 Acq: 18 Nov 2022 03:25

Tgt Ion: 76 Resp: 6619
 Ion Ratio Lower Upper
 76 100
 78 10.4 7.4 11.2

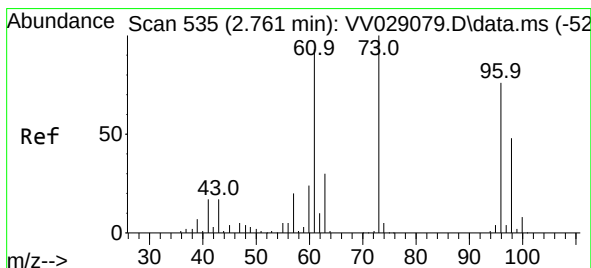
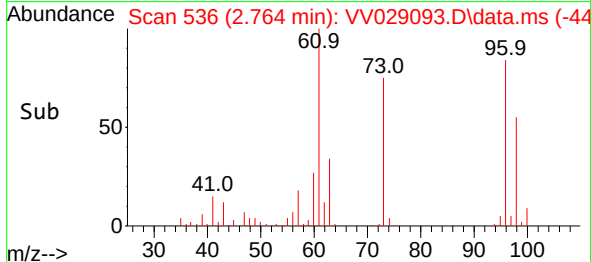
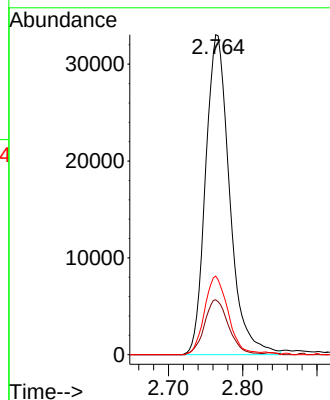
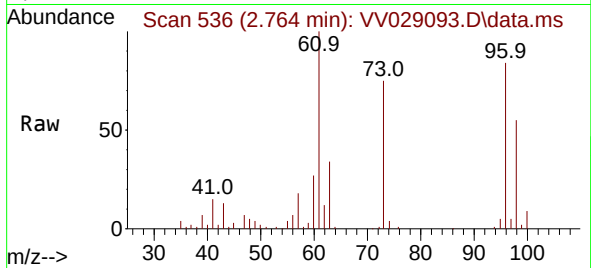




#17
Methyl tert-butyl Ether
Concen: 2.301 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV029093.D
Acq: 18 Nov 2022 03:25

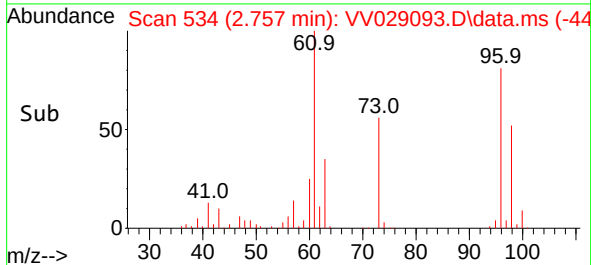
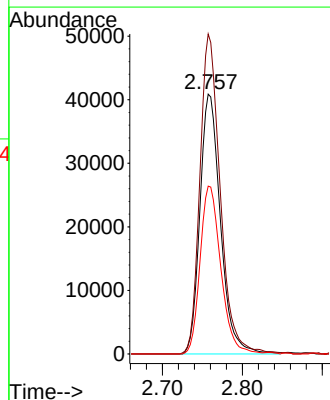
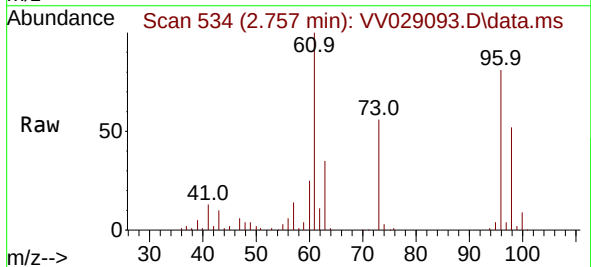
Instrument :
MSVOA_V
ClientSampleId :
H46E9

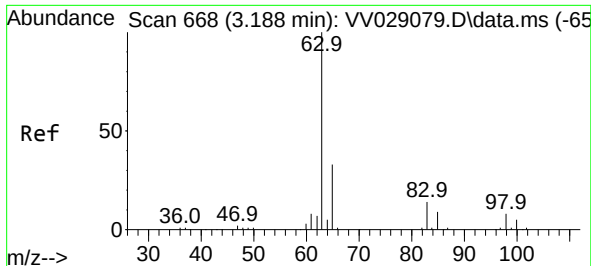
Tgt Ion: 73	Resp:	74409
Ion	Ratio	Lower Upper
73	100	
43	17.3	13.0 19.4
57	24.1	16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 4.187 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV029093.D
Acq: 18 Nov 2022 03:25

Tgt Ion: 96	Resp:	73252
Ion	Ratio	Lower Upper
96	100	
61	123.2	91.8 170.6
98	64.6	46.4 86.2





#19

1,1-Dichloroethane

Concen: 1.910 ug/L

RT: 3.185 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV029093.D

Acq: 18 Nov 2022 03:25

Instrument :

MSVOA_V

ClientSampleId :

H46E9

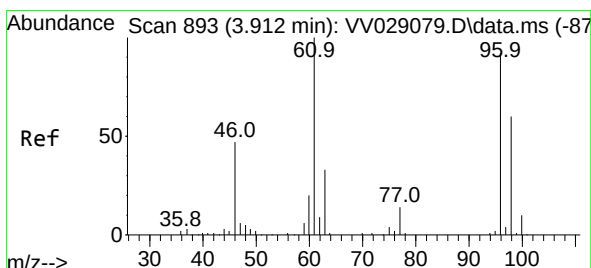
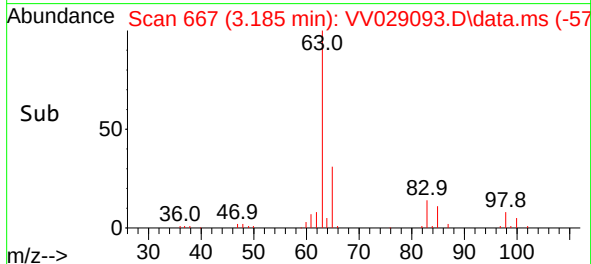
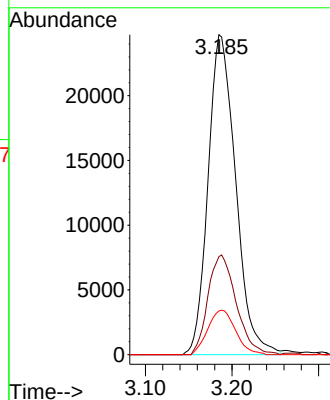
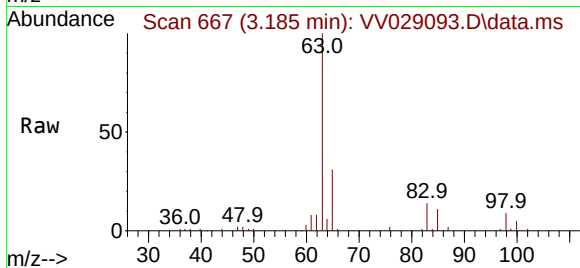
Tgt Ion: 63 Resp: 54640

Ion Ratio Lower Upper

63 100

65 30.7 23.0 42.6

83 13.6 9.4 17.6



#22

cis-1,2-Dichloroethene

Concen: 13.106 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.007 min

Lab File: VV029093.D

Acq: 18 Nov 2022 03:25

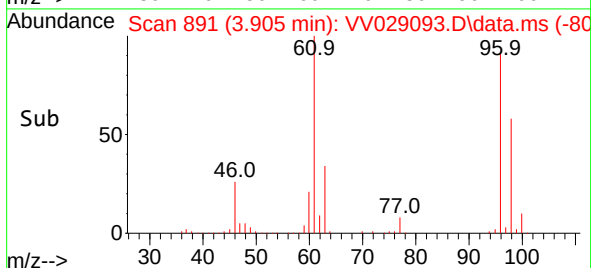
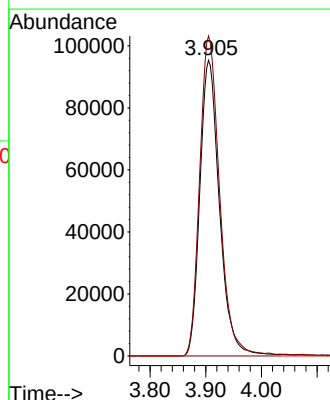
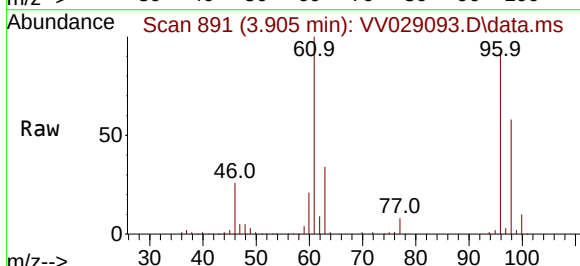
Tgt Ion: 96 Resp: 233107

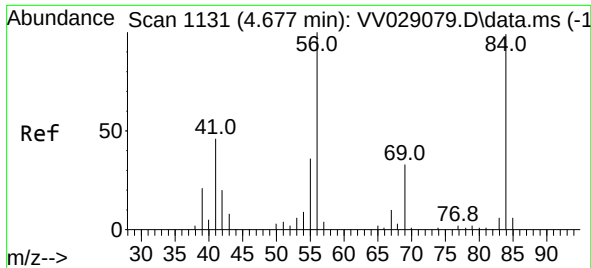
Ion Ratio Lower Upper

96 100

61 108.2 82.3 152.9

68 0.0 0.0 0.0

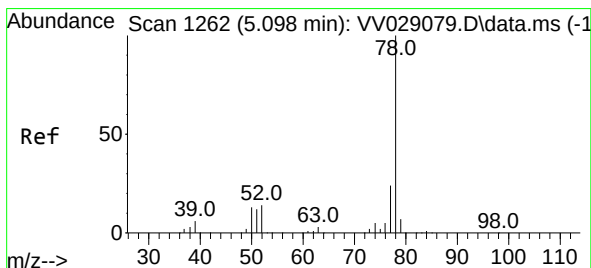
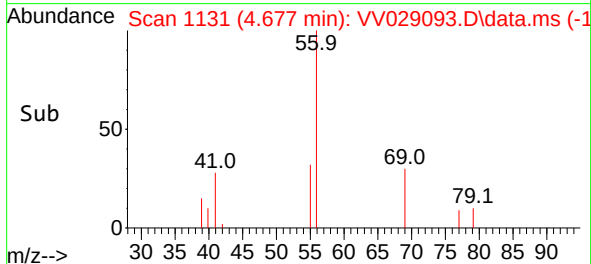
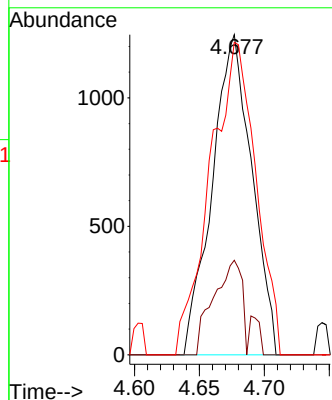
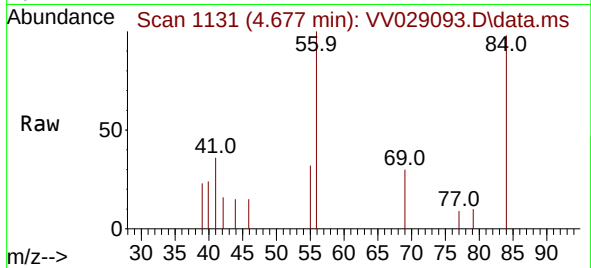




#30
Cyclohexane
Concen: 0.096 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VV029093.D
Acq: 18 Nov 2022 03:25

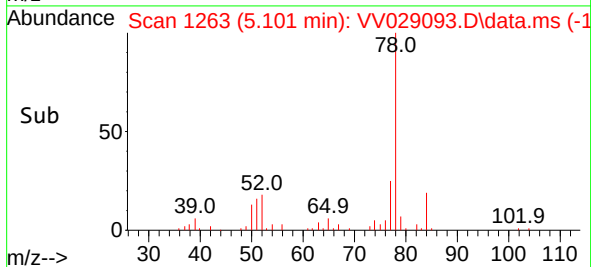
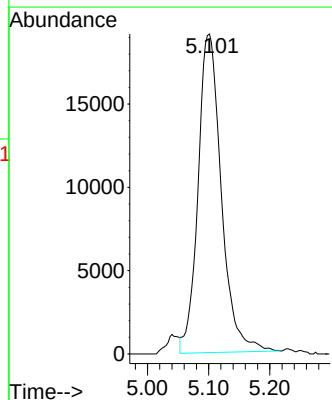
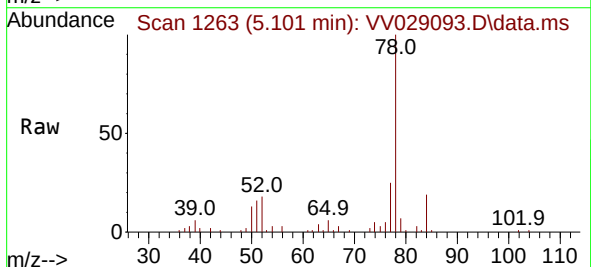
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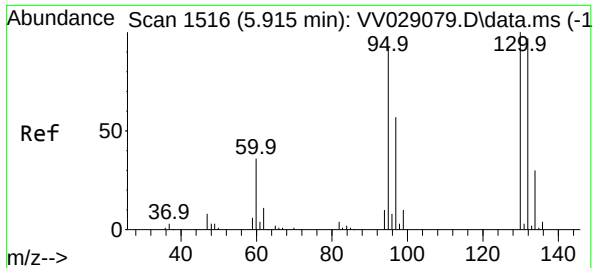
Tgt Ion: 56 Resp: 2646
Ion Ratio Lower Upper
56 100
69 21.0 26.1 39.1#
84 112.0 77.9 116.9



#33
Benzene
Concen: 0.718 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV029093.D
Acq: 18 Nov 2022 03:25

Tgt Ion: 78 Resp: 50662





#34
 Trichloroethene
 Concen: 0.198 ug/L
 RT: 5.921 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VV029093.D
 Acq: 18 Nov 2022 03:25

Instrument :
 MSVOA_V
 ClientSampleId :
 H46E9

Tgt Ion: 95 Resp: 3575

Ion	Ratio	Lower	Upper
95	100		
97	62.5	45.6	84.8
132	97.5	69.1	128.3
130	93.3	74.9	139.1

