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 Data File : VW029869.D
 Acq On : 16 Jan 2023 11:54
 Operator : SY/MD
 Sample : 01136-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

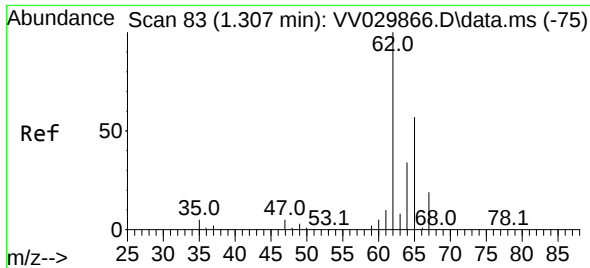
Instrument :
 MSVOA_V
 ClientSampleId :
 BGJB5

Quant Time: Jan 17 00:37:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	208854	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	212407	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	107150	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	66309	4.186	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.800%
7) Chloroethane-d5	1.564	69	64473	4.910	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.105	63	101909	3.529	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.600%
20) 2-Butanone-d5	3.921	46	107551	38.305	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.600%
24) Chloroform-d	4.339	84	148413	5.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.024	65	65663	5.336	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	5.043	84	316170	5.018	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	6.063	67	97306	5.277	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.600%
41) Toluene-d8	7.307	98	270430	4.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	7.616	79	32496	4.825	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.088	63	142081	51.822	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.640%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	71872	5.319	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	11.612	152	107051	5.495	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	36423	1.816	ug/L	98
8) Chloroethane	1.584	64	8414	0.691	ug/L	94
12) 1,1-Dichloroethene	2.117	96	11728	0.658	ug/L #	1
14) Carbon disulfide	2.294	76	5472	0.107	ug/L #	87
17) Methyl tert-butyl Ether	2.767	73	15603	0.506	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	11100	0.670	ug/L	97
19) 1,1-Dichloroethane	3.185	63	85967	3.100	ug/L	98
22) cis-1,2-Dichloroethene	3.902	96	198425	11.233	ug/L	97
34) Trichloroethene	5.905	95	44869	2.521	ug/L	95
42) Toluene	7.384	91	19675	0.260	ug/L	93
53) m,p-Xylene	9.133	106	1577	0.050	ug/L	76

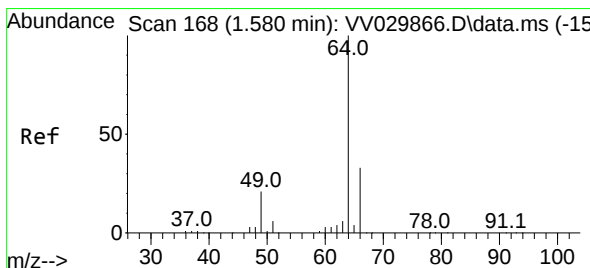
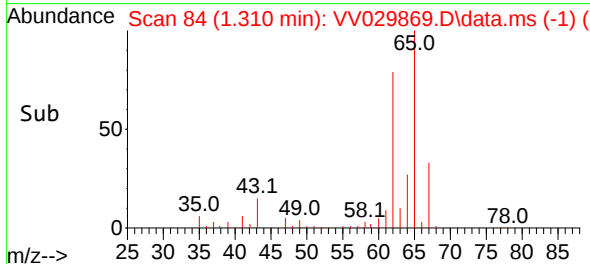
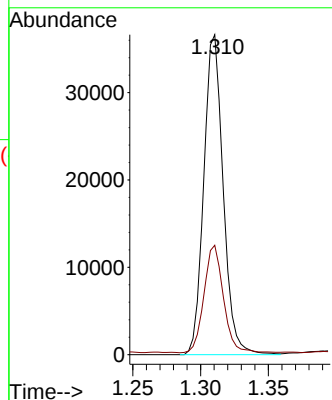
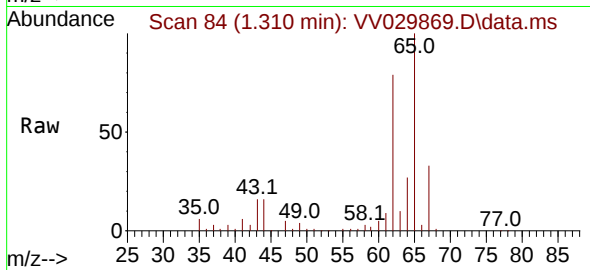
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 1.816 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.006 min
 Lab File: VV029869.D
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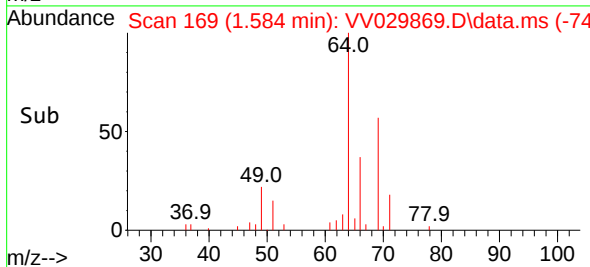
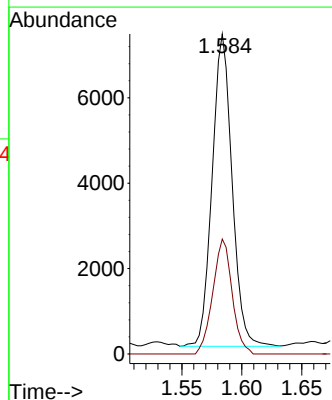
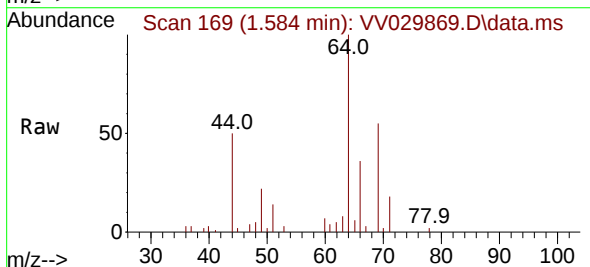
Instrument :
 MSVOA_V
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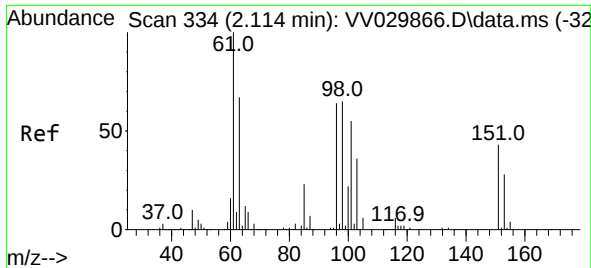
Tgt Ion: 62 Resp: 36423
 Ion Ratio Lower Upper
 62 100
 64 34.2 23.2 43.2



#8
 Chloroethane
 Concen: 0.691 ug/L
 RT: 1.584 min Scan# 169
 Delta R.T. 0.006 min
 Lab File: VV029869.D
 Acq: 16 Jan 2023 11:54

Tgt Ion: 64 Resp: 8414
 Ion Ratio Lower Upper
 64 100
 66 35.9 22.9 42.5

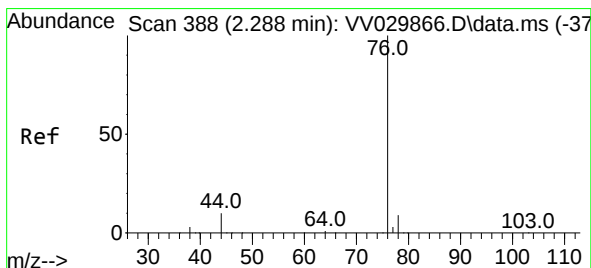
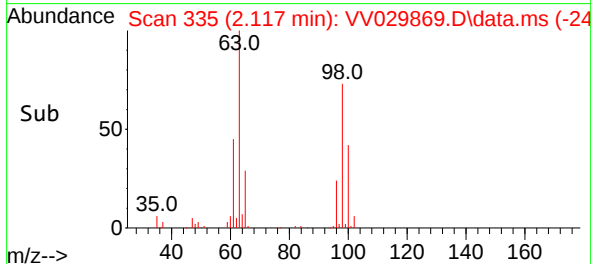
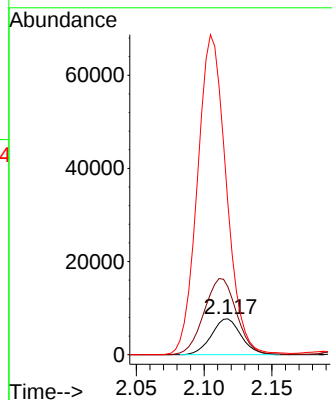
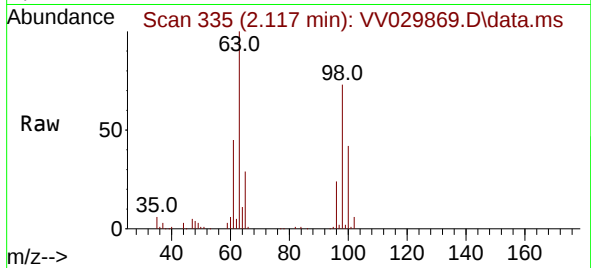




#12
1,1-Dichloroethene
Concen: 0.658 ug/L
RT: 2.117 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV029869.D
Acq: 16 Jan 2023 11:54

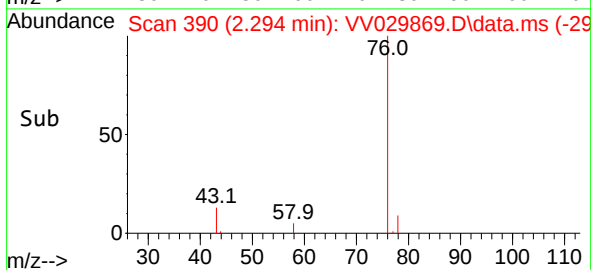
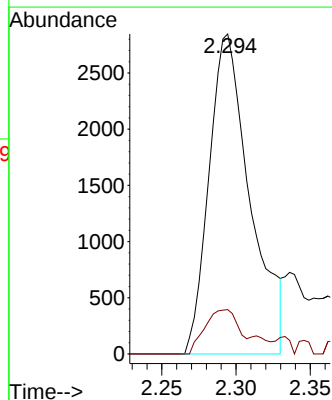
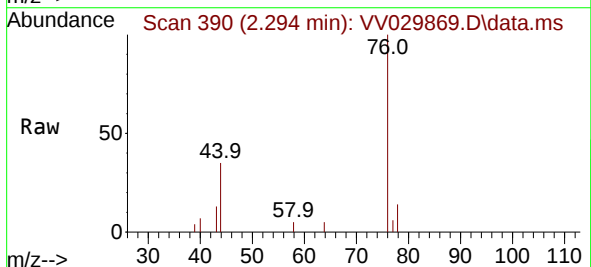
Instrument :
MSVOA_V
ClientSampleId :
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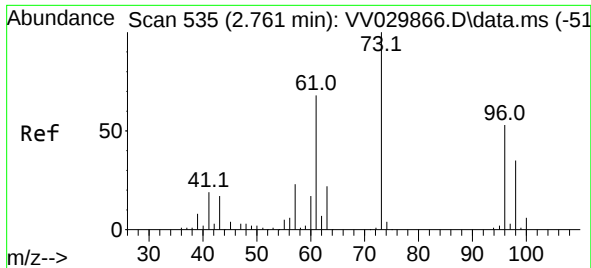
Tgt Ion: 96 Resp: 11728
Ion Ratio Lower Upper
96 100
61 189.1 106.1 197.1
63 421.6 76.4 141.8#



#14
Carbon disulfide
Concen: 0.107 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.010 min
Lab File: VV029869.D
Acq: 16 Jan 2023 11:54

Tgt Ion: 76 Resp: 5472
Ion Ratio Lower Upper
76 100
78 13.9 7.4 11.0#

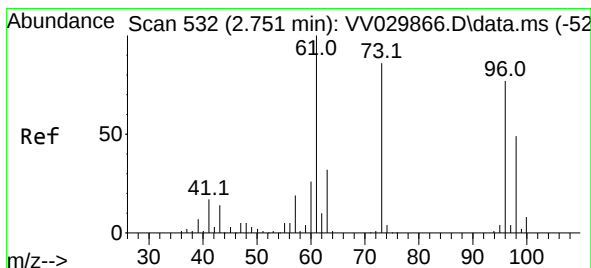
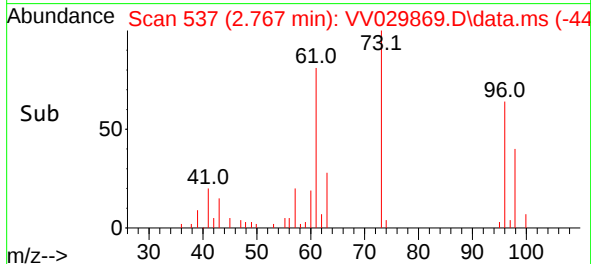
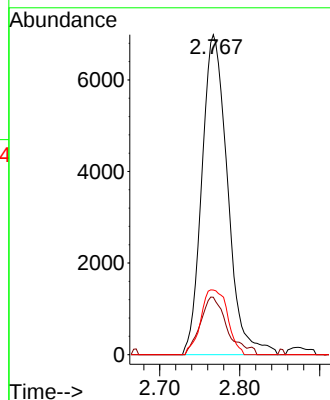
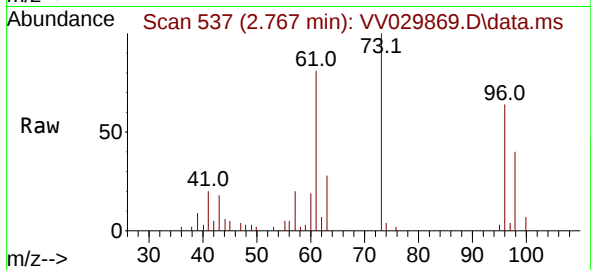




#17
Methyl tert-butyl Ether
Concen: 0.506 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV029869.D
Acq: 16 Jan 2023 11:54

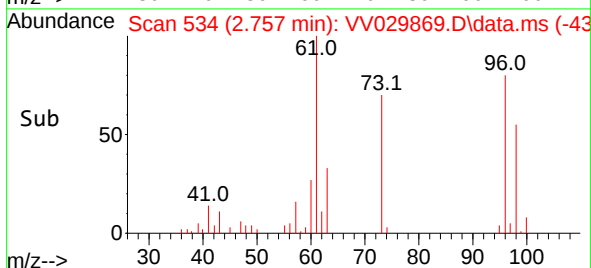
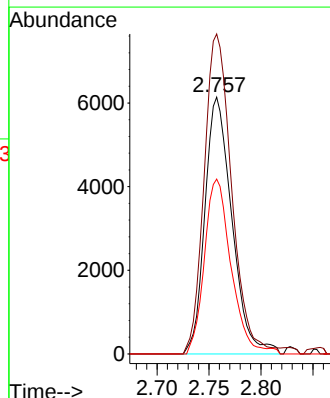
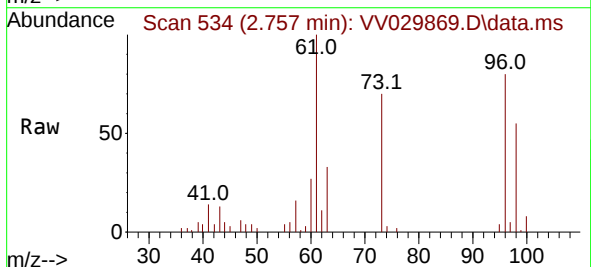
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MSVOA_V
ClientSampleId :
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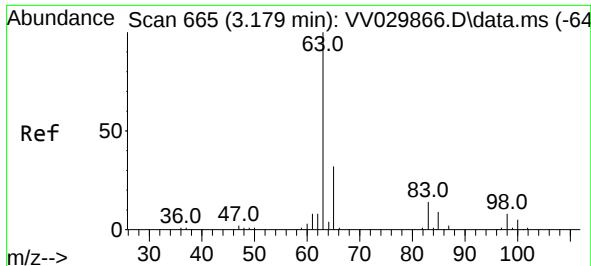
Tgt Ion: 73	Resp: 15603
Ion Ratio	Lower Upper
73	100
43	18.8 13.0 19.4
57	21.0 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 0.670 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.006 min
Lab File: VV029869.D
Acq: 16 Jan 2023 11:54

Tgt Ion: 96	Resp: 11100
Ion Ratio	Lower Upper
96	100
61	124.6 86.1 159.9
98	68.1 43.9 81.5





#19

1,1-Dichloroethane

Concen: 3.100 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV029869.D

Acq: 16 Jan 2023 11:54

Instrument :

MSVOA_V

ClientSampleId :

BGJB5

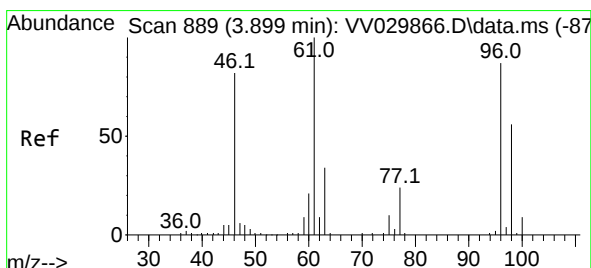
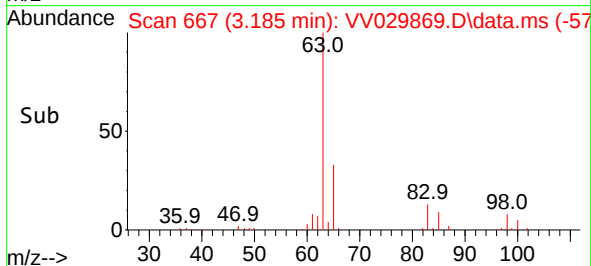
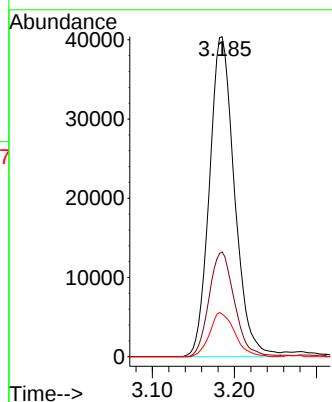
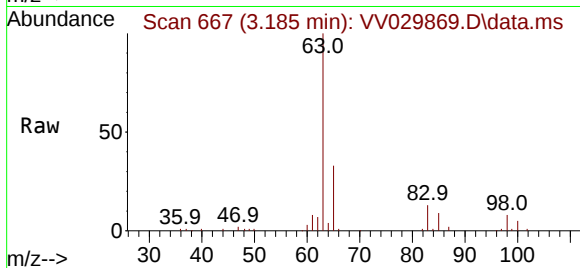
Tgt Ion: 63 Resp: 85967

Ion Ratio Lower Upper

63 100

65 32.8 22.4 41.6

83 13.4 10.2 19.0



#22

cis-1,2-Dichloroethene

Concen: 11.233 ug/L

RT: 3.902 min Scan# 890

Delta R.T. 0.003 min

Lab File: VV029869.D

Acq: 16 Jan 2023 11:54

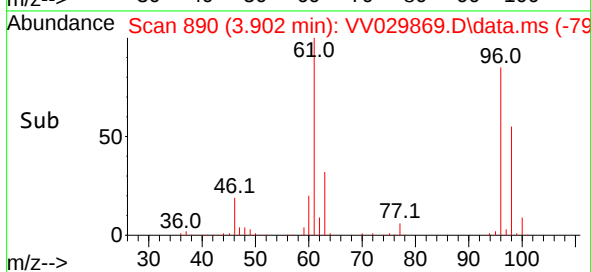
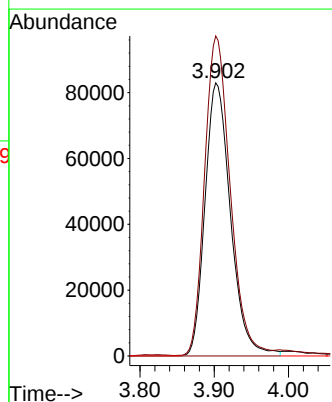
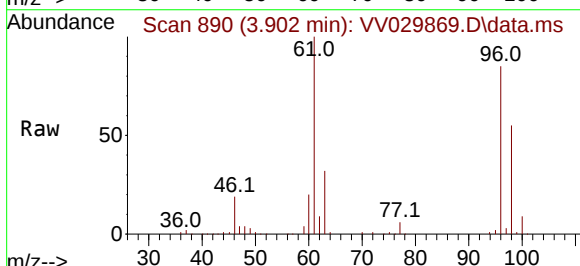
Tgt Ion: 96 Resp: 198425

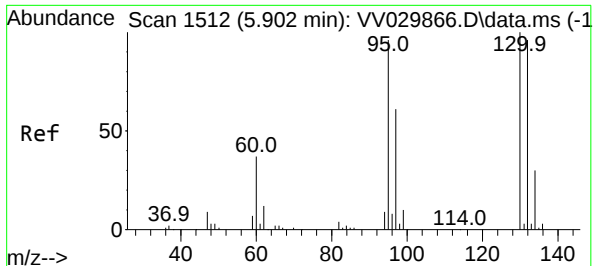
Ion Ratio Lower Upper

96 100

61 117.2 80.0 148.6

68 0.0 0.0 0.0

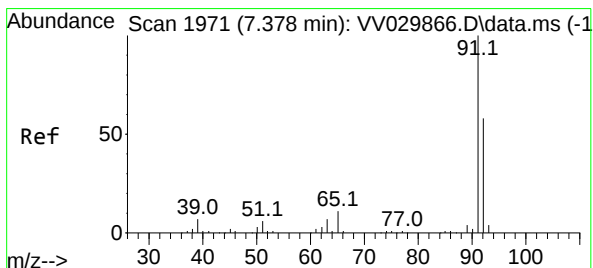
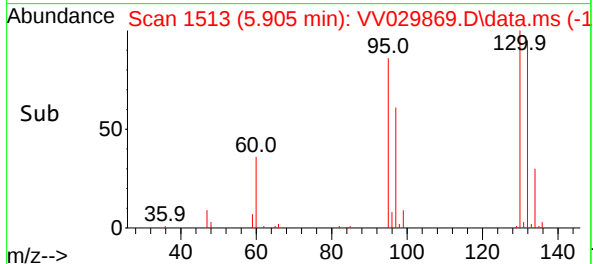
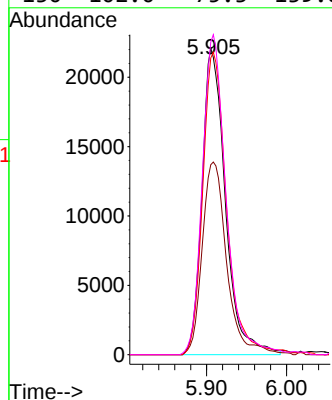
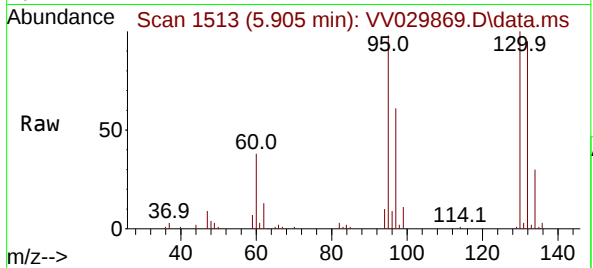




#34
Trichloroethene
Concen: 2.521 ug/L
RT: 5.905 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV029869.D
Acq: 16 Jan 2023 11:54

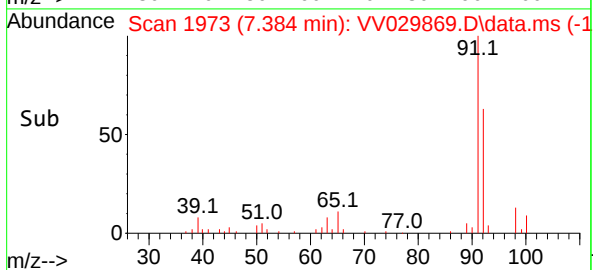
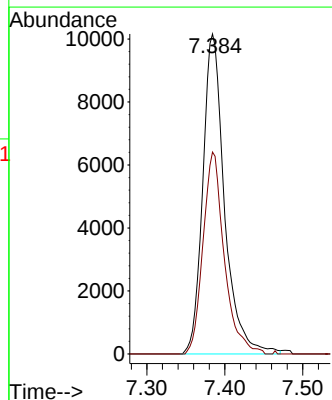
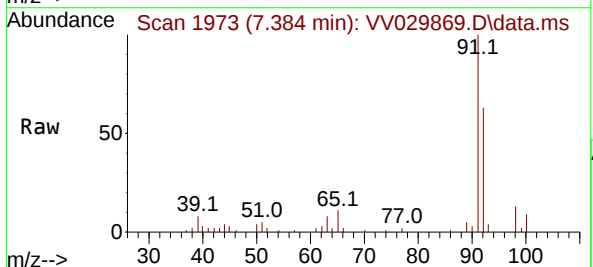
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MSVOA_V
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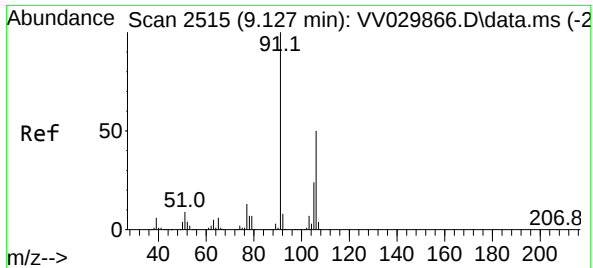
Tgt Ion: 95 Resp: 44869
Ion Ratio Lower Upper
95 100
97 62.0 44.9 83.3
132 96.8 71.8 133.4
130 102.0 75.3 139.8



#42
Toluene
Concen: 0.260 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. 0.006 min
Lab File: VV029869.D
Acq: 16 Jan 2023 11:54

Tgt Ion: 91 Resp: 19675
Ion Ratio Lower Upper
91 100
92 63.1 40.6 75.4





#53
 m,p-Xylene
 Concen: 0.050 ug/L
 RT: 9.133 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV029869.D
 Acq: 16 Jan 2023 11:54

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJB5

Tgt Ion:	106	Resp:	1577
Ion	Ratio	Lower	Upper
106	100		
91	162.7	138.7	257.7

