

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029800.D
 Acq On : 13 Jan 2023 11:55
 Operator : SY/MD
 Sample : 01136-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJC1

Quant Time: Jan 13 22:50:41 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

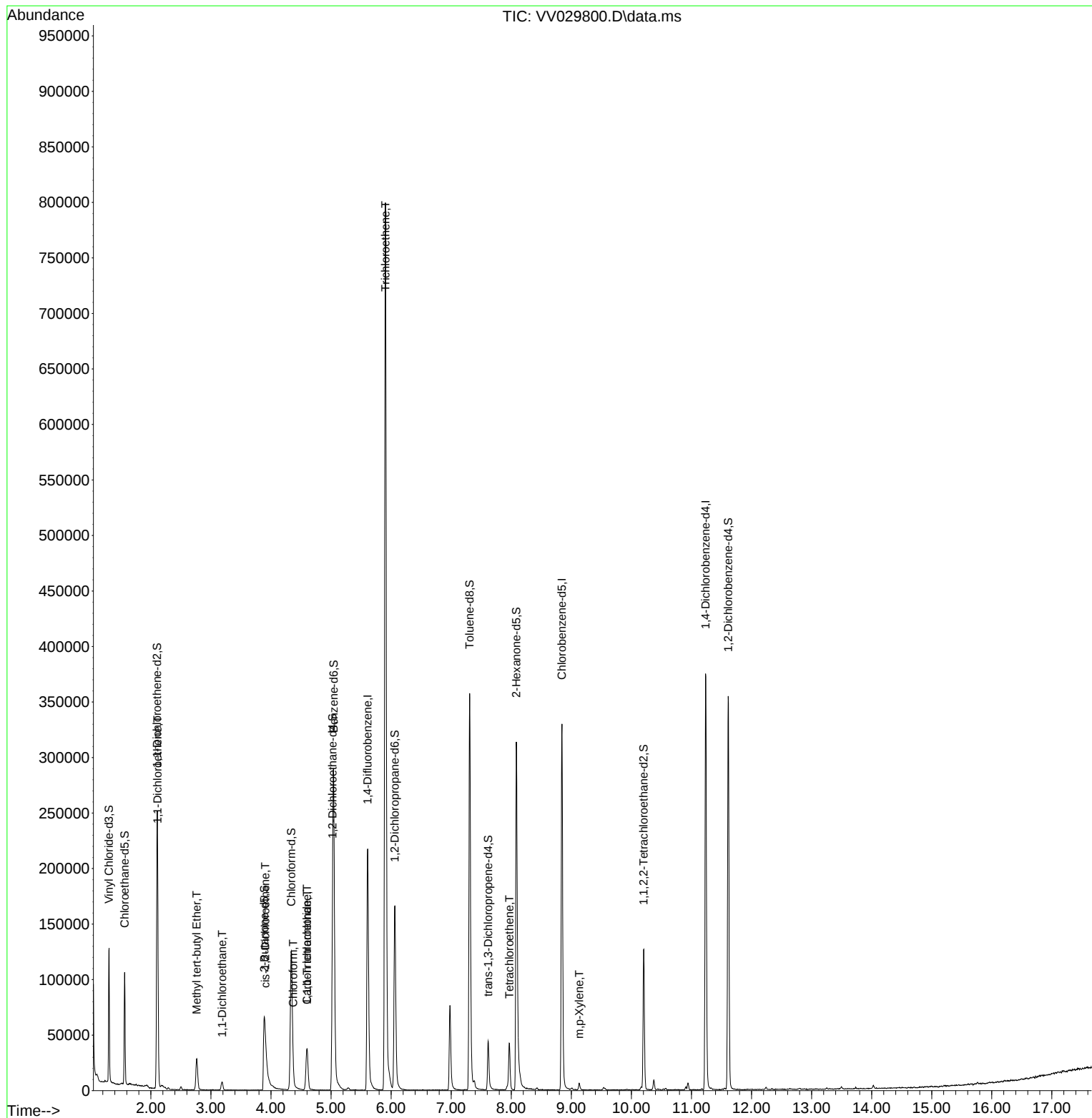
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	205399	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	202695	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	106114	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	74465	4.780	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.564	69	64006	4.956	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.105	63	112643	3.966	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.400%
20) 2-Butanone-d5	3.889	46	136921	49.585	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.180%
24) Chloroform-d	4.339	84	139958	4.897	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.024	65	60799	5.023	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.043	84	294828	4.904	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.059	67	90038	5.117	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.307	98	258172	4.638	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	7.616	79	29347	4.566	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.085	63	126993	48.538	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.080%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	63665	4.937	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	11.612	152	101435	5.258	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	34238	1.952	ug/L	# 66
17) Methyl tert-butyl Ether	2.764	73	30329	1.000	ug/L	97
19) 1,1-Dichloroethane	3.185	63	8046	0.295	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	1382	0.080	ug/L	77
25) Chloroform	4.368	83	4601	0.155	ug/L	99
29) 1,1,1-Trichloroethane	4.600	97	32722	1.243	ug/L	99
31) Carbon tetrachloride	4.600	117	4061	0.177	ug/L	95
34) Trichloroethene	5.905	95	294703	17.352	ug/L	96
47) Tetrachloroethene	7.969	164	10743	0.751	ug/L	96
53) m,p-Xylene	9.130	106	1954	0.065	ug/L	89

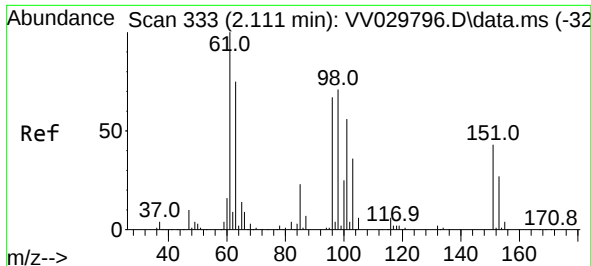
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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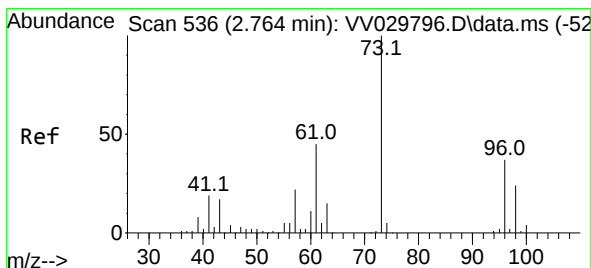
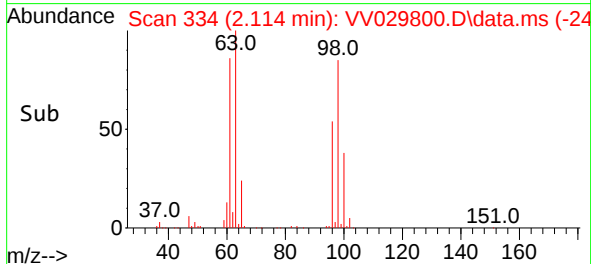
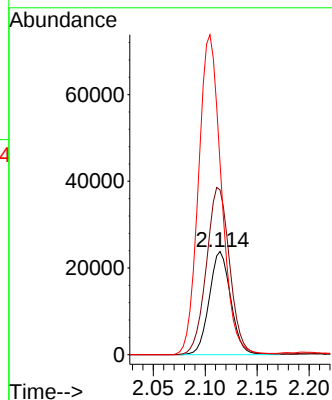
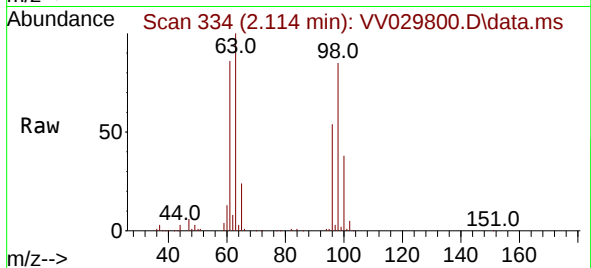




#12
1,1-Dichloroethene
Concen: 1.952 ug/L
RT: 2.114 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV029800.D
Acq: 13 Jan 2023 11:55

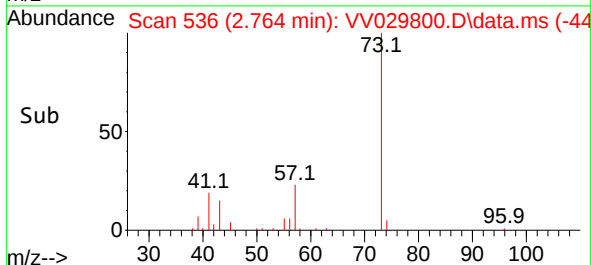
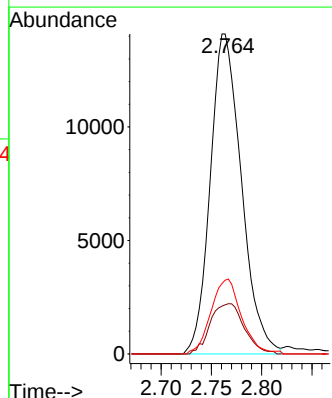
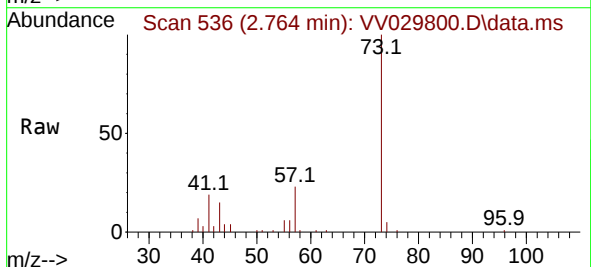
Instrument :
MSVOA_V
ClientSampleId :
BGJC1

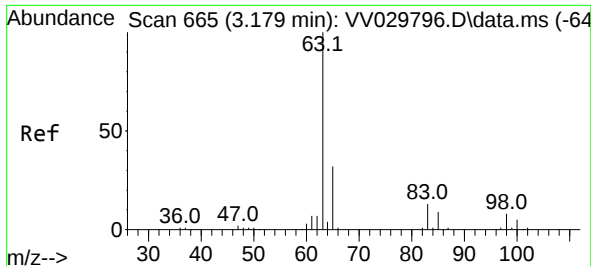
Tgt Ion: 96 Resp: 34238
Ion Ratio Lower Upper
96 100
61 159.7 106.1 197.1
63 185.7 76.4 141.8#



#17
Methyl tert-butyl Ether
Concen: 1.000 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV029800.D
Acq: 13 Jan 2023 11:55

Tgt Ion: 73 Resp: 30329
Ion Ratio Lower Upper
73 100
43 17.2 13.0 19.4
57 23.0 17.1 25.7





#19

1,1-Dichloroethane

Concen: 0.295 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV029800.D

Acq: 13 Jan 2023 11:55

Instrument :

MSVOA_V

ClientSampleId :

BGJC1

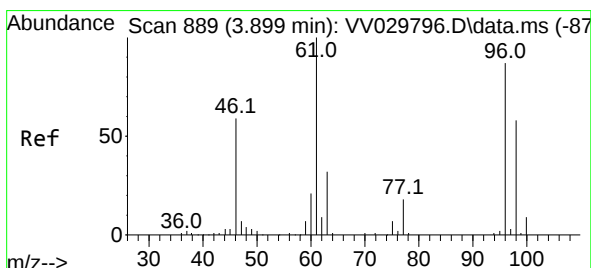
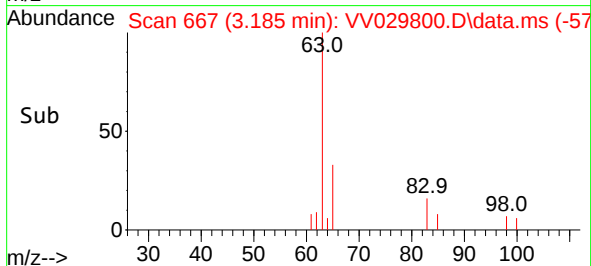
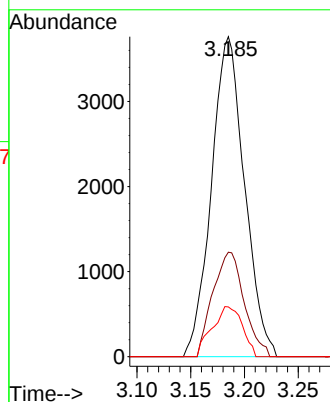
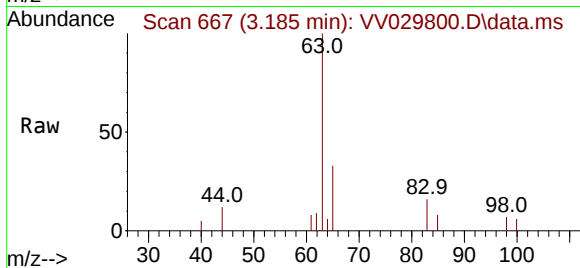
Tgt Ion: 63 Resp: 8046

Ion Ratio Lower Upper

63 100

65 32.7 22.4 41.6

83 15.6 10.2 19.0



#22

cis-1,2-Dichloroethene

Concen: 0.080 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.006 min

Lab File: VV029800.D

Acq: 13 Jan 2023 11:55

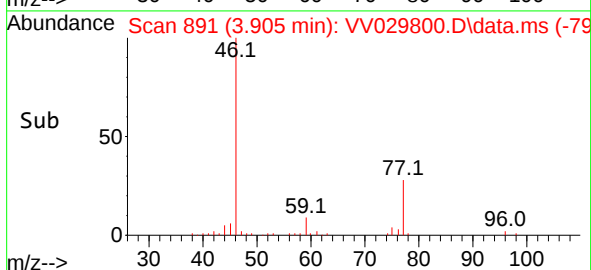
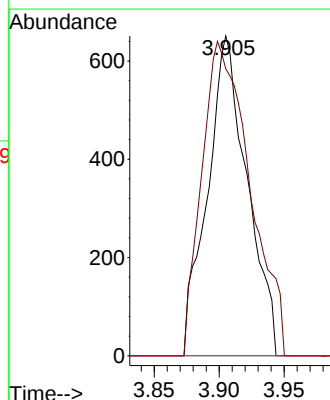
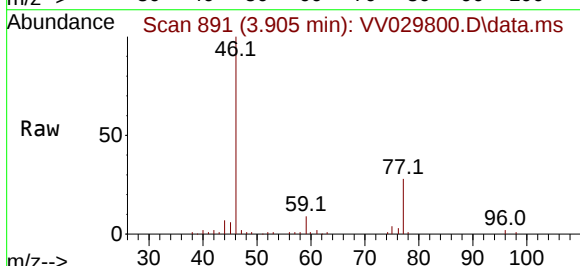
Tgt Ion: 96 Resp: 1382

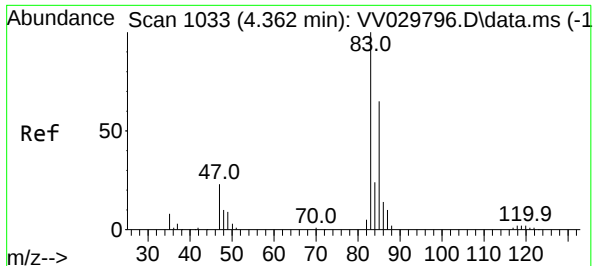
Ion Ratio Lower Upper

96 100

61 89.7 80.0 148.6

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.155 ug/L

RT: 4.368 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VV029800.D

Acq: 13 Jan 2023 11:55

Instrument :

MSVOA_V

ClientSampleId :

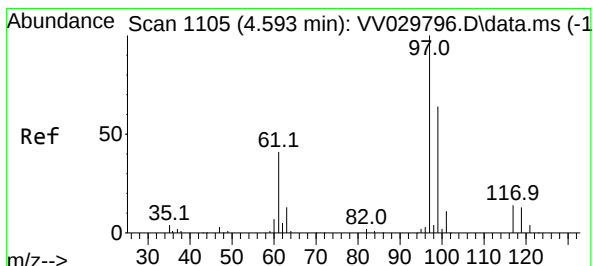
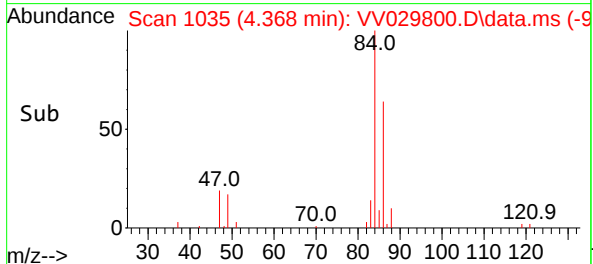
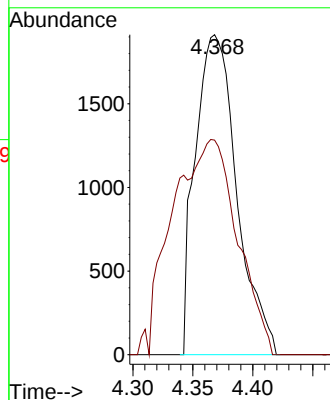
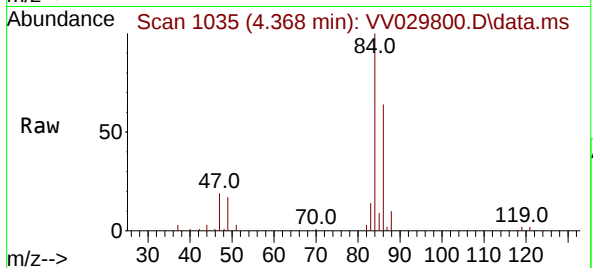
BGJC1

Tgt Ion: 83 Resp: 4601

Ion Ratio Lower Upper

83 100

85 67.1 46.5 86.5



#29

1,1,1-Trichloroethane

Concen: 1.243 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV029800.D

Acq: 13 Jan 2023 11:55

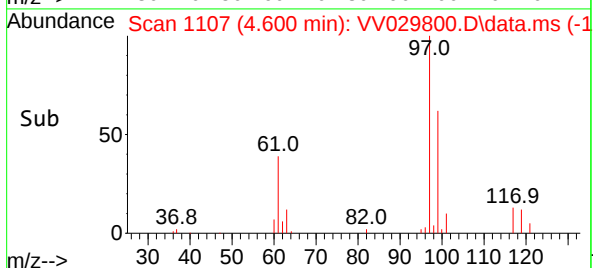
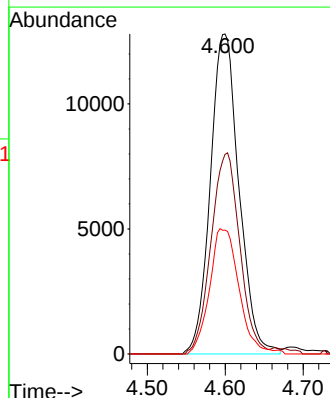
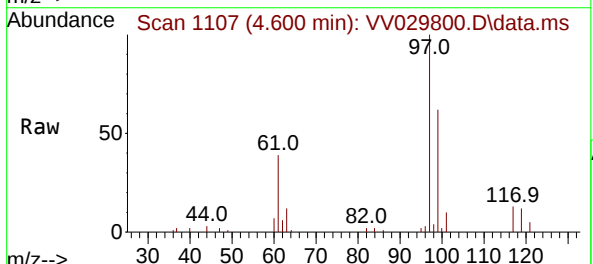
Tgt Ion: 97 Resp: 32722

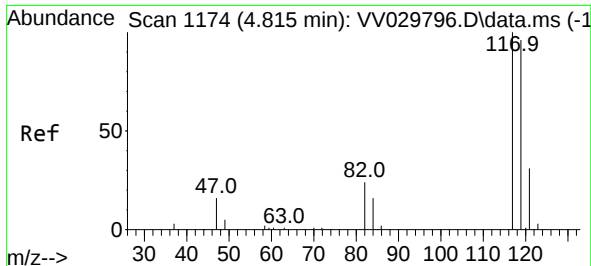
Ion Ratio Lower Upper

97 100

99 63.0 51.3 76.9

61 40.2 31.6 47.4

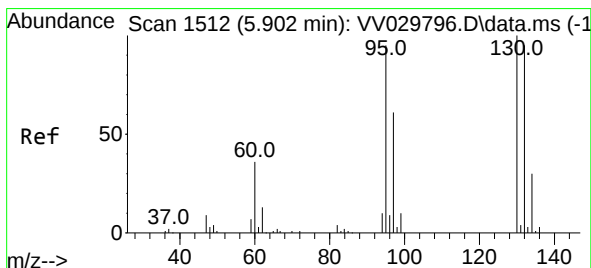
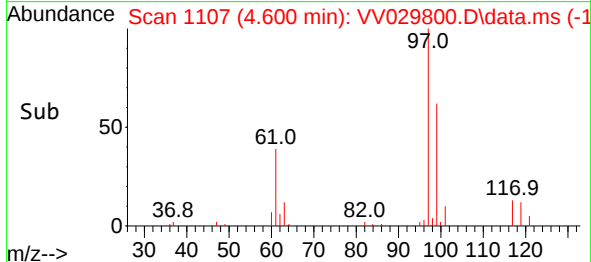
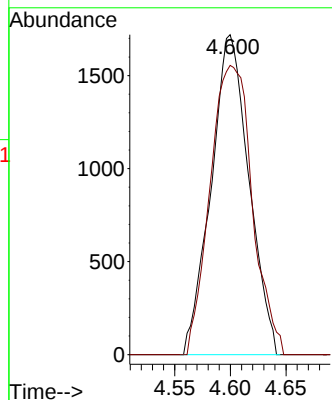
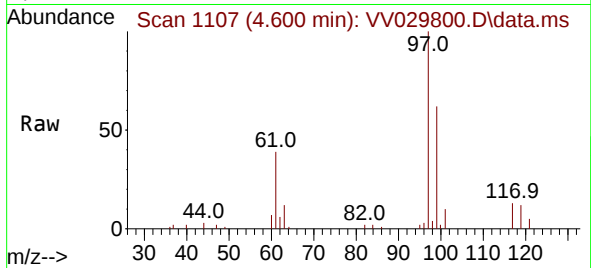




#31
Carbon tetrachloride
Concen: 0.177 ug/L
RT: 4.600 min Scan# 1117
Delta R.T. -0.216 min
Lab File: VV029800.D
Acq: 13 Jan 2023 11:55

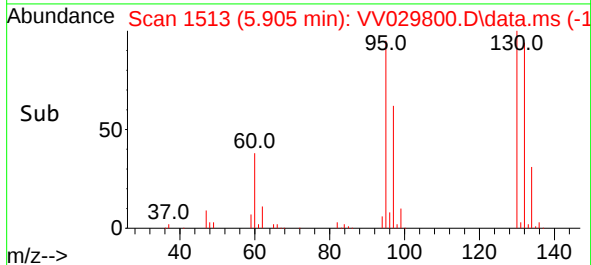
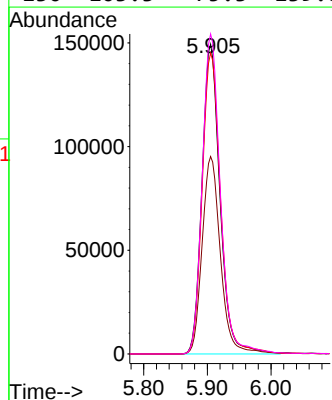
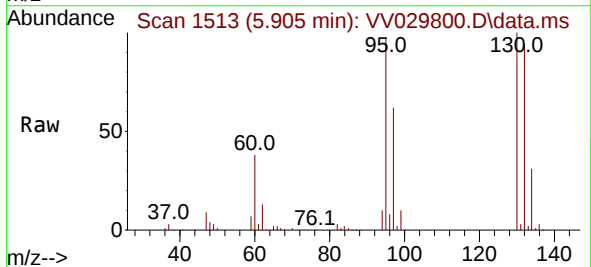
Instrument :
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ClientSampleId :
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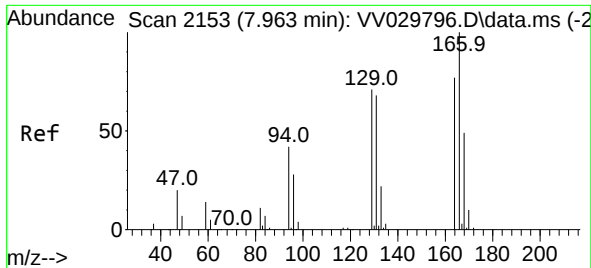
Tgt Ion:117 Resp: 4061
Ion Ratio Lower Upper
117 100
119 100.9 76.6 114.8



#34
Trichloroethene
Concen: 17.352 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VV029800.D
Acq: 13 Jan 2023 11:55

Tgt Ion: 95 Resp: 294703
Ion Ratio Lower Upper
95 100
97 63.7 44.9 83.3
132 97.2 71.8 133.4
130 103.3 75.3 139.8

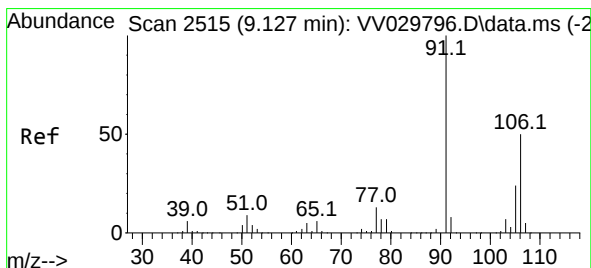
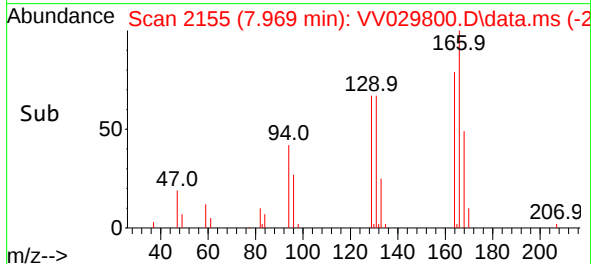
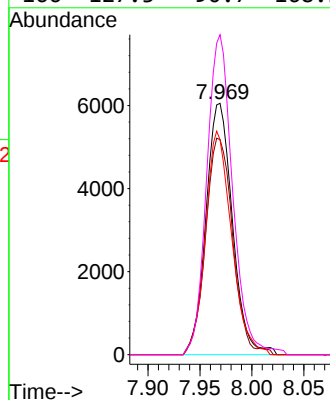
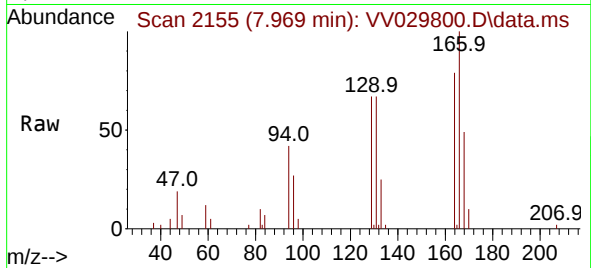




#47
Tetrachloroethene
Concen: 0.751 ug/L
RT: 7.969 min Scan# 2153
Delta R.T. 0.003 min
Lab File: VV029800.D
Acq: 13 Jan 2023 11:55

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:164 Resp: 10743
Ion Ratio Lower Upper
164 100
129 85.6 64.5 119.7
131 85.6 62.9 116.7
166 127.3 90.7 168.5



#53
m,p-Xylene
Concen: 0.065 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. -0.000 min
Lab File: VV029800.D
Acq: 13 Jan 2023 11:55

Tgt Ion:106 Resp: 1954
Ion Ratio Lower Upper
106 100
91 214.8 138.7 257.7

