

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121222\
 Data File : VW029634.D
 Acq On : 13 Dec 2022 06:43
 Operator : SY/MD
 Sample : N5928-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ70

Quant Time: Dec 13 07:44:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 13 04:57:44 2022
 Response via : Initial Calibration

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

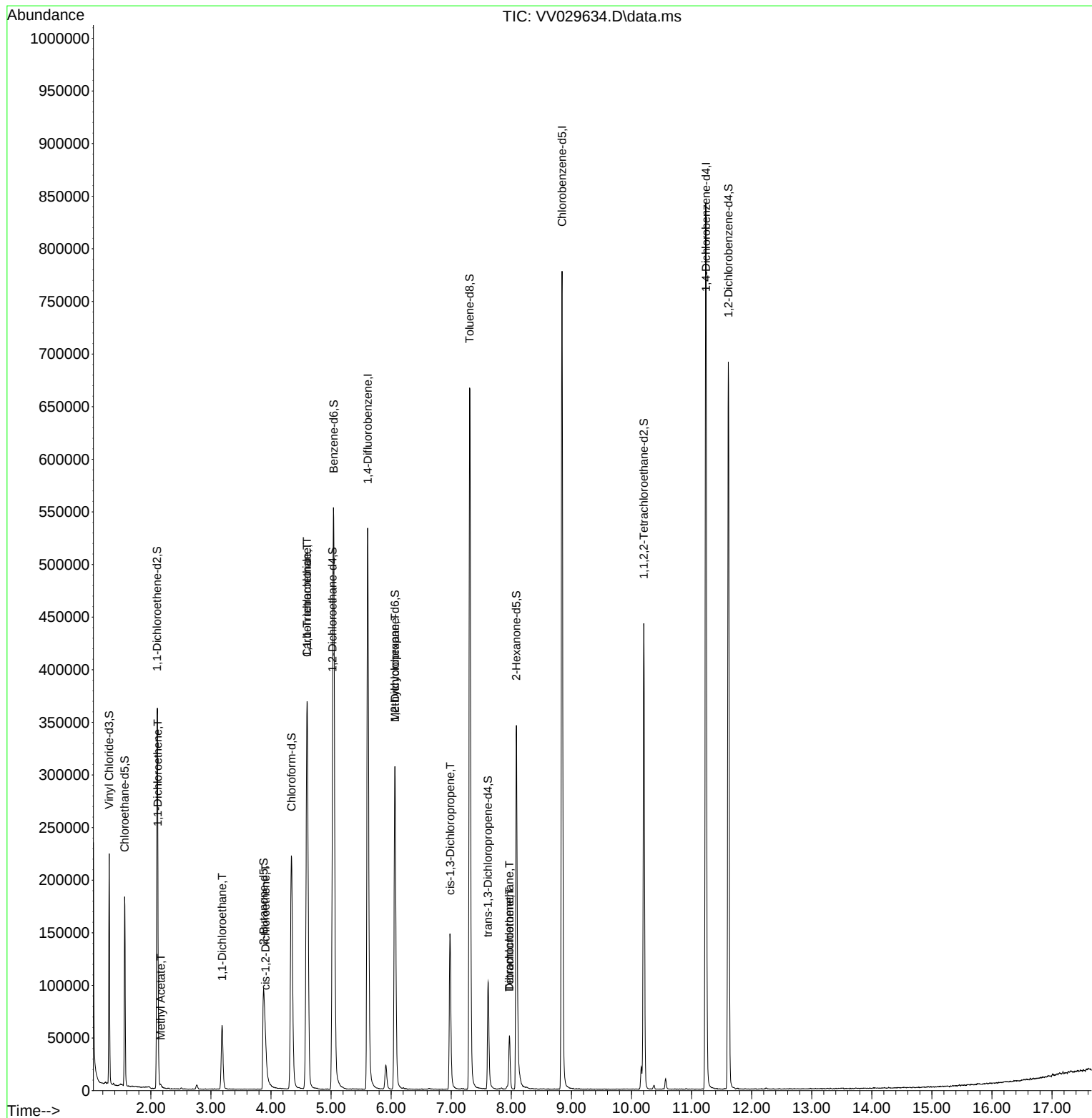
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	490636	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	453677	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	236440	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	137141	45.646	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.300%		
7) Chloroethane-d5	1.564	69	112812	49.242	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.480%		
11) 1,1-Dichloroethene-d2	2.105	63	183607	39.181	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.360%		
21) 2-Butanone-d5	3.876	46	158988	86.746	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.750%		
24) Chloroform-d	4.339	84	242295	42.855	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.720%		
26) 1,2-Dichloroethane-d4	5.024	65	143447	44.423	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.840%		
32) Benzene-d6	5.043	84	531544	44.341	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.680%		
36) 1,2-Dichloropropane-d6	6.063	67	162038	44.252	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.500%		
41) Toluene-d8	7.307	98	473836	41.951	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.900%		
43) trans-1,3-Dichloroprop...	7.612	79	64145	34.692	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.380%		
47) 2-Hexanone-d5	8.085	63	132055	84.454	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.450%		
56) 1,1,2,2-Tetrachloroeth...	10.204	84	220813	42.200	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.400%		
66) 1,2-Dichlorobenzene-d4	11.612	152	190166	42.251	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.500%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.118	96	13274	5.061	ug/L #	1
15) Methyl Acetate	2.166	43	2186	0.804	ug/L #	45
19) 1,1-Dichloroethane	3.185	63	63822	12.329	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	12094	3.640	ug/L	97
30) 1,1,1-Trichloroethane	4.600	97	313510	63.428	ug/L	99
31) Carbon tetrachloride	4.600	117	42150	9.765	ug/L	100
35) Methylcyclohexane	6.063	83	38561	7.085	ug/L #	21
39) cis-1,3-Dichloropropene	6.982	75	3491	0.688	ug/L #	74
46) Tetrachloroethene	7.969	164	11993	4.655	ug/L	96
49) Dibromochloromethane	7.969	129	10912	3.100	ug/L #	10

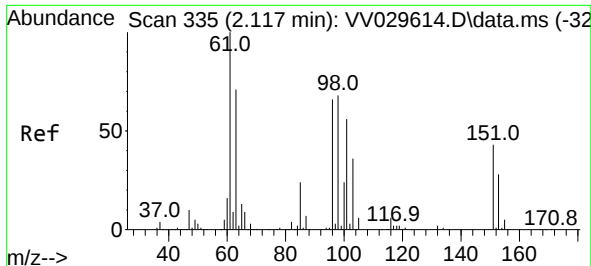
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.061 ug/L

RT: 2.118 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV029634.D

Acq: 13 Dec 2022 06:43

Instrument :

MSVOA_V

ClientSampleId :

EXZ70

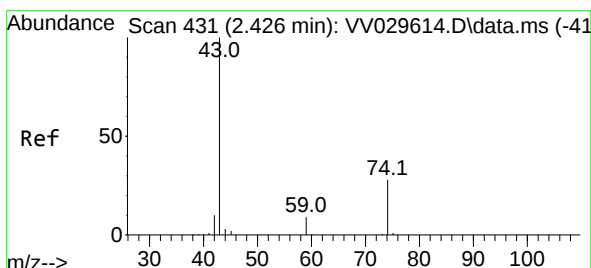
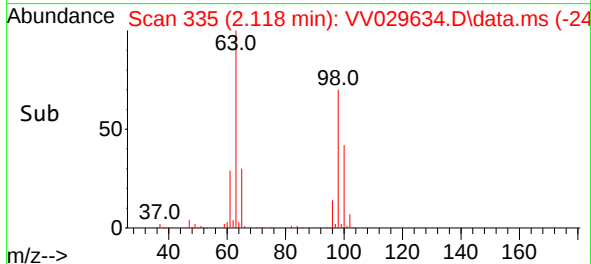
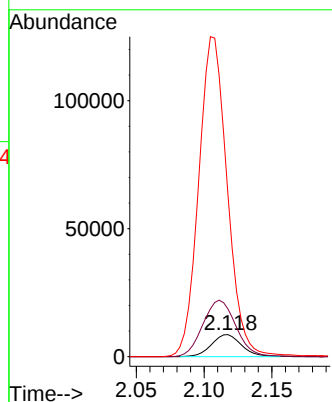
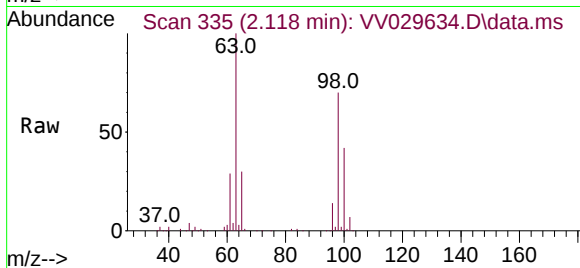
Tgt Ion: 96 Resp: 13274

Ion Ratio Lower Upper

96 100

61 217.2 103.3 191.9#

63 739.9 77.3 143.7#



#15

Methyl Acetate

Concen: 0.804 ug/L

RT: 2.166 min Scan# 350

Delta R.T. -0.260 min

Lab File: VV029634.D

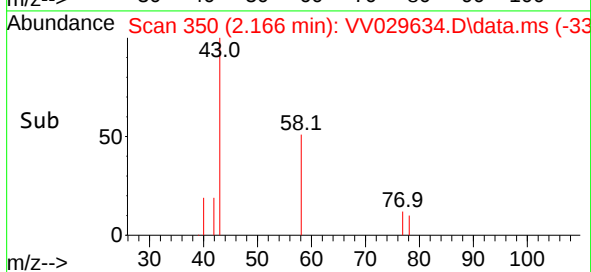
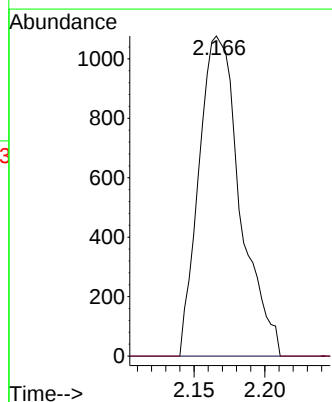
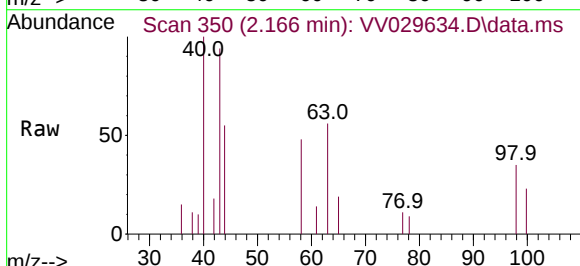
Acq: 13 Dec 2022 06:43

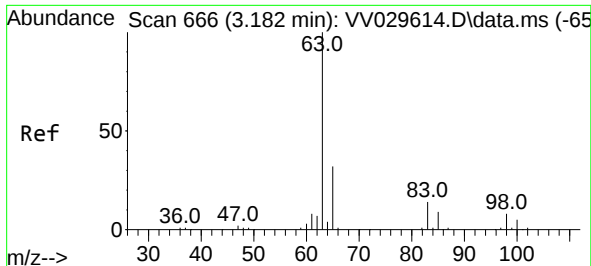
Tgt Ion: 43 Resp: 2186

Ion Ratio Lower Upper

43 100

74 0.0 23.5 35.3#





#19

1,1-Dichloroethane

Concen: 12.329 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV029634.D

Acq: 13 Dec 2022 06:43

Instrument :

MSVOA_V

ClientSampleId :

EXZ70

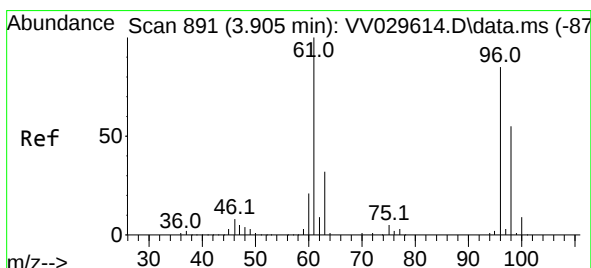
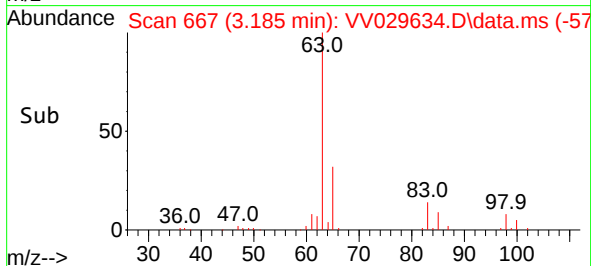
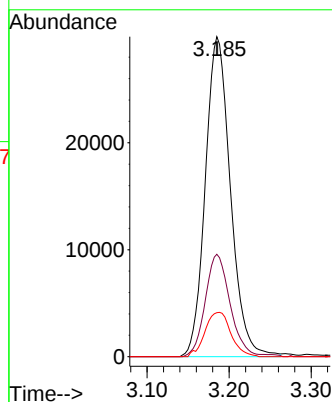
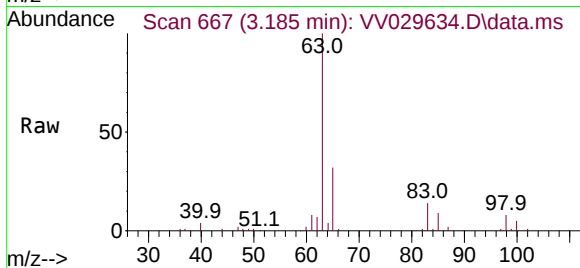
Tgt Ion: 63 Resp: 63822

Ion Ratio Lower Upper

63 100

65 32.0 22.5 41.7

83 13.7 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 3.640 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.003 min

Lab File: VV029634.D

Acq: 13 Dec 2022 06:43

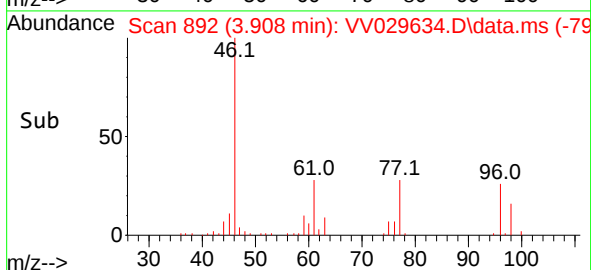
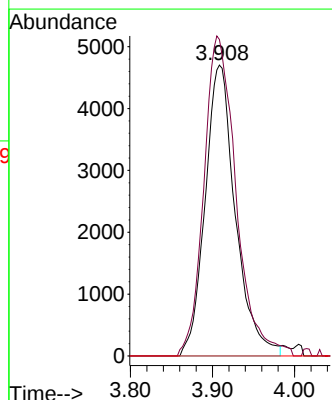
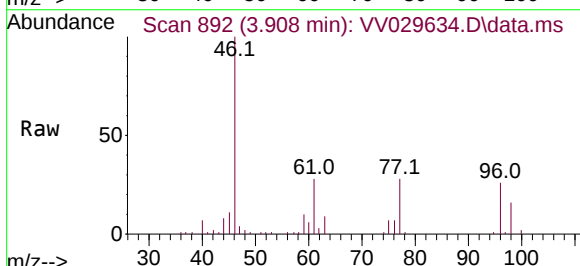
Tgt Ion: 96 Resp: 12094

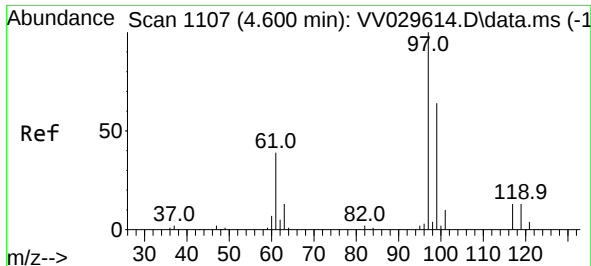
Ion Ratio Lower Upper

96 100

61 108.8 78.0 144.9

68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 63.428 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VV029634.D

Acq: 13 Dec 2022 06:43

Instrument :

MSVOA_V

ClientSampleId :

EXZ70

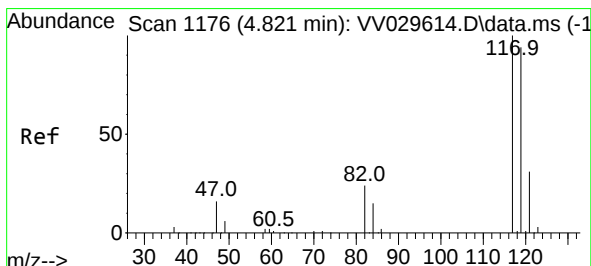
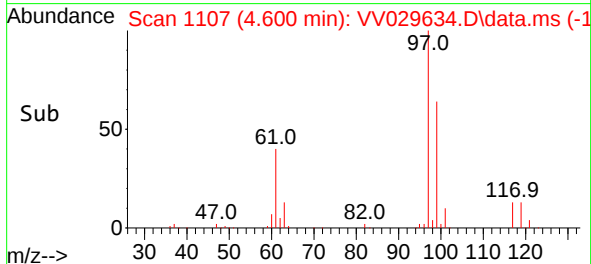
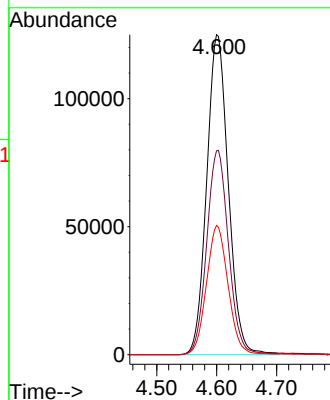
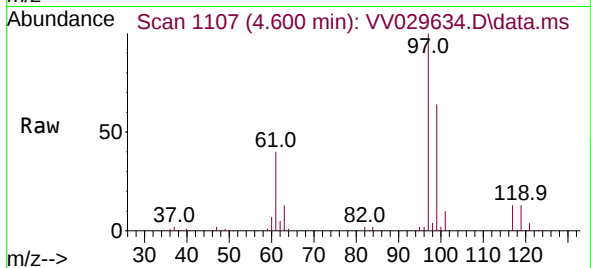
Tgt Ion: 97 Resp: 313510

Ion Ratio Lower Upper

97 100

99 64.4 52.1 78.1

61 40.3 31.8 47.8



#31

Carbon tetrachloride

Concen: 9.765 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.222 min

Lab File: VV029634.D

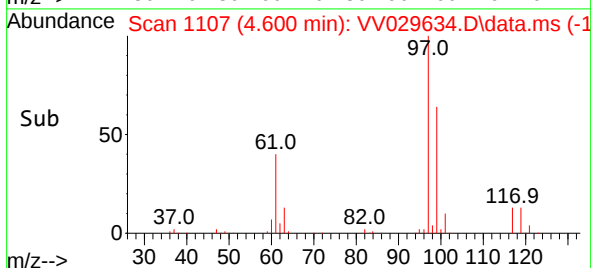
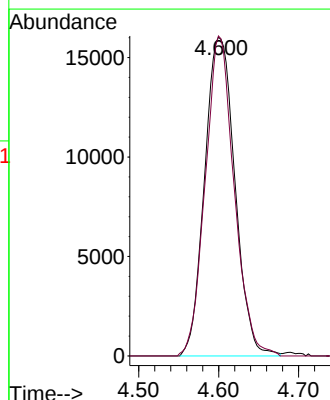
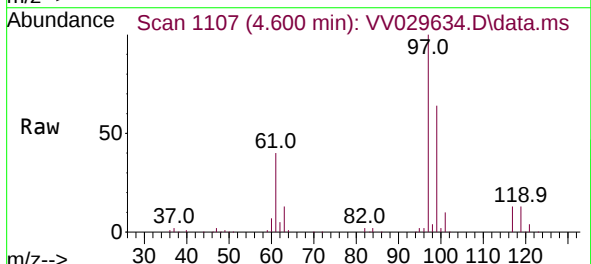
Acq: 13 Dec 2022 06:43

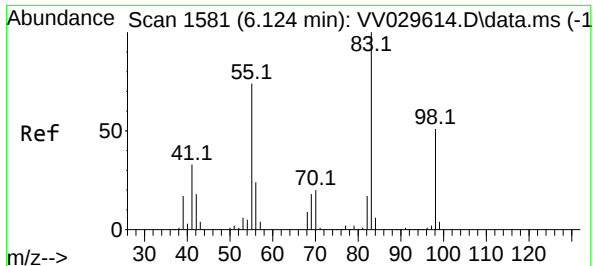
Tgt Ion: 117 Resp: 42150

Ion Ratio Lower Upper

117 100

119 95.8 76.7 115.1





#35

Methylcyclohexane

Concen: 7.085 ug/L

RT: 6.063 min Scan# 1

Delta R.T. -0.061 min

Lab File: VV029634.D

Acq: 13 Dec 2022 06:43

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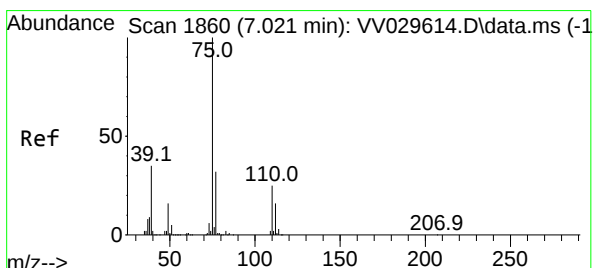
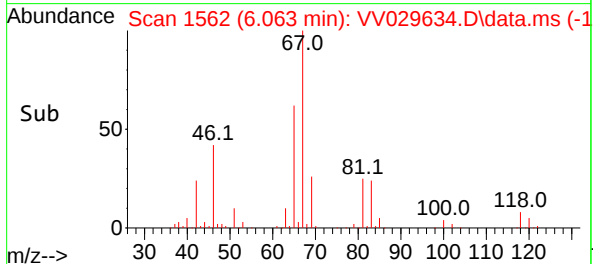
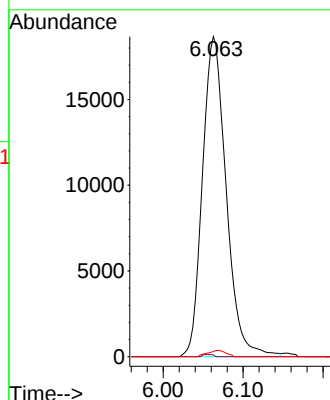
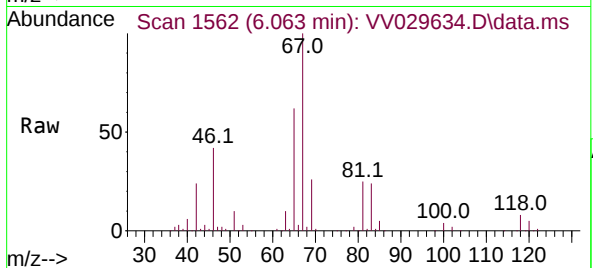
Tgt Ion: 83 Resp: 38561

Ion Ratio Lower Upper

83 100

55 0.0 55.5 83.3#

98 1.5 39.8 59.8#



#39

cis-1,3-Dichloropropene

Concen: 0.688 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.038 min

Lab File: VV029634.D

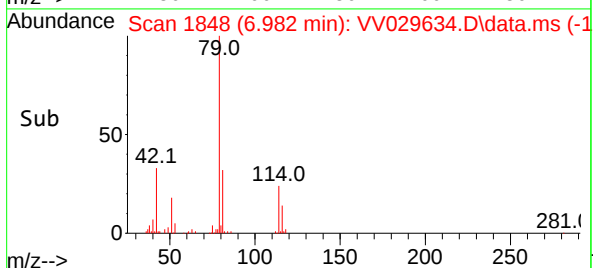
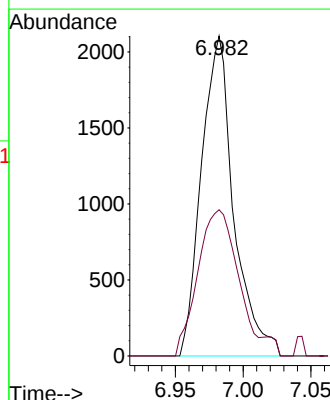
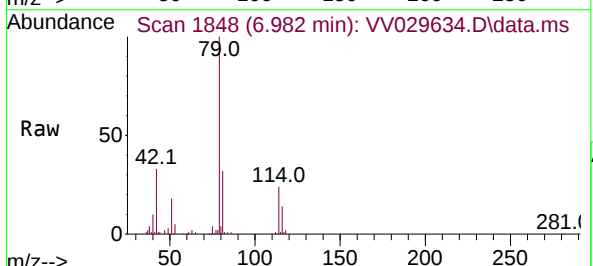
Acq: 13 Dec 2022 06:43

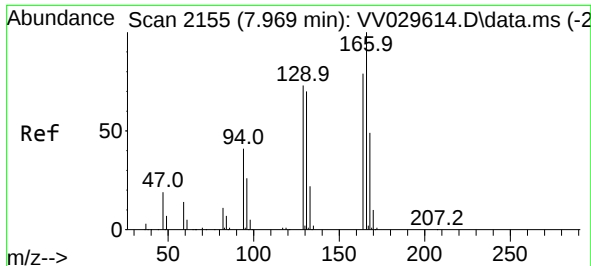
Tgt Ion: 75 Resp: 3491

Ion Ratio Lower Upper

75 100

77 45.7 21.9 40.7#

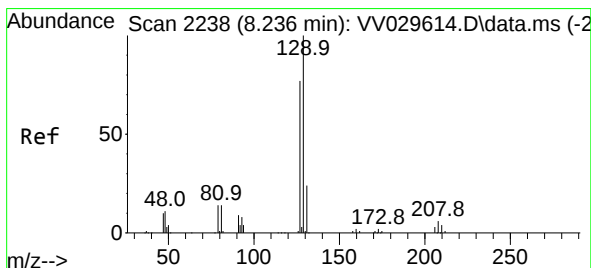
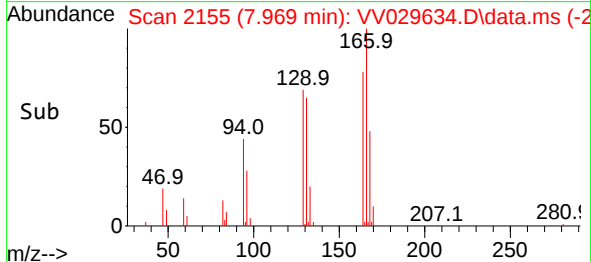
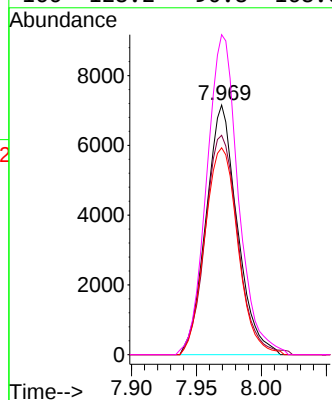
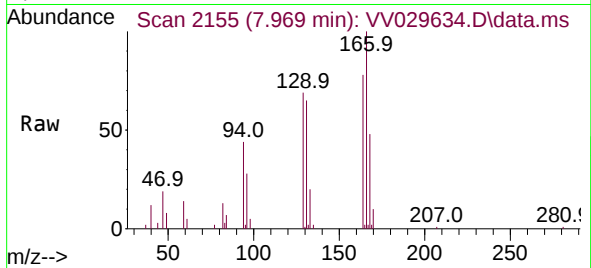




#46
Tetrachloroethene
Concen: 4.655 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV029634.D
Acq: 13 Dec 2022 06:43

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:	164	Resp:	11993
Ion	Ratio	Lower	Upper
164	100		
129	87.9	65.3	121.3
131	82.9	63.1	117.1
166	128.2	90.8	168.6



#49
Dibromochloromethane
Concen: 3.100 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.267 min
Lab File: VV029634.D
Acq: 13 Dec 2022 06:43

Tgt Ion:	129	Resp:	10912
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.2	102.4#

