

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091722\
 Data File : VV027907.D
 Acq On : 17 Sep 2022 18:10
 Operator : SY/MD
 Sample : N4672-05RE
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 02:34:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 19 02:25:21 2022
 Response via : Initial Calibration

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

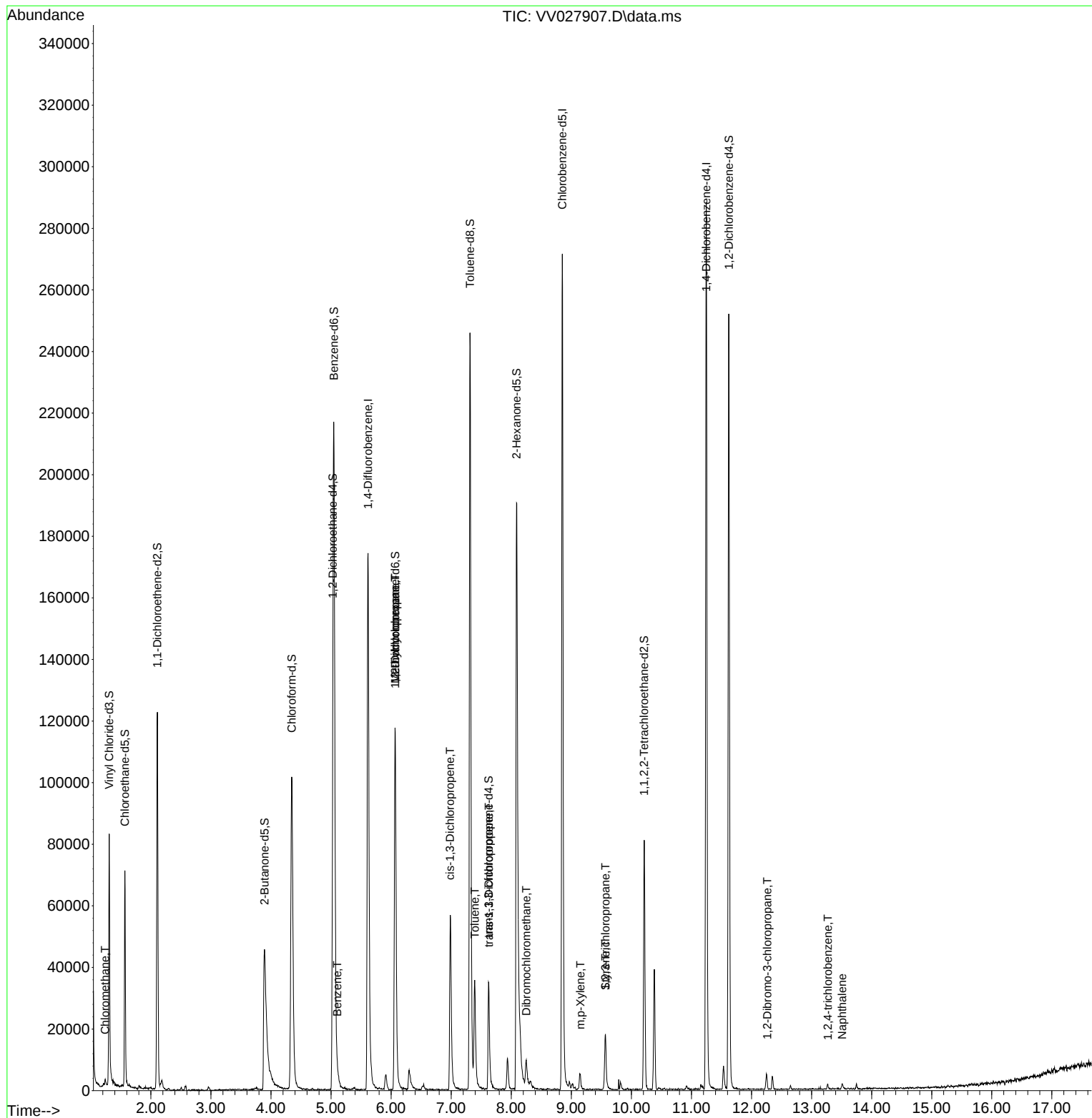
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	163584	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	157335	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	81536	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	57518	4.405	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.568	69	44016	4.768	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.108	63	62054	3.020	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.400%
20) 2-Butanone-d5	3.892	46	93747	46.483	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.960%
24) Chloroform-d	4.346	84	108530	4.508	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.031	65	56377	4.671	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.047	84	205492	4.736	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.066	67	52528	4.634	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.313	98	171017	4.258	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	7.622	79	21684	4.469	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.088	63	70493	43.802	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.600%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34921	4.453	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	67817	4.751	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1582	0.154	ug/L	91
33) Benzene	5.105	78	1990	0.049	ug/L	100
35) Methylcyclohexane	6.066	83	15558	1.014	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	7170	0.776	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	1695	0.122	ug/L #	66
42) Toluene	7.394	91	27996	0.622	ug/L	98
44) trans-1,3-Dichloropropene	7.629	75	1092	0.089	ug/L	95
49) Dibromochloromethane	8.249	129	279	0.030	ug/L	99
53) m,p-Xylene	9.149	106	1930	0.099	ug/L	66
55) Styrene	9.567	104	10516	0.323	ug/L	85
61) 1,2,3-Trichloropropane	9.567	75	392	0.070	ug/L #	1
68) 1,2-Dibromo-3-chloropr...	12.265	75	158	0.132	ug/L #	1
70) 1,2,4-trichlorobenzene	13.271	180	787	0.051	ug/L #	84
71) Naphthalene	13.509	128	2329	0.109	ug/L #	86

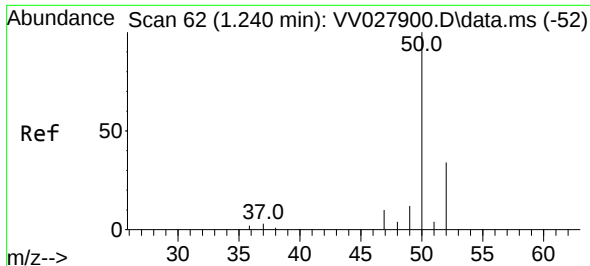
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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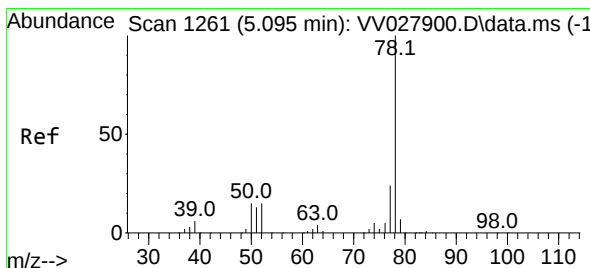
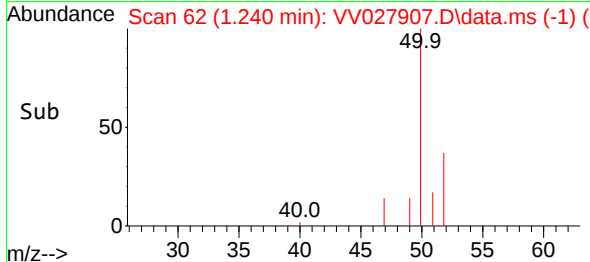
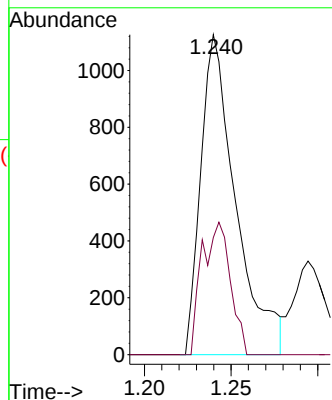
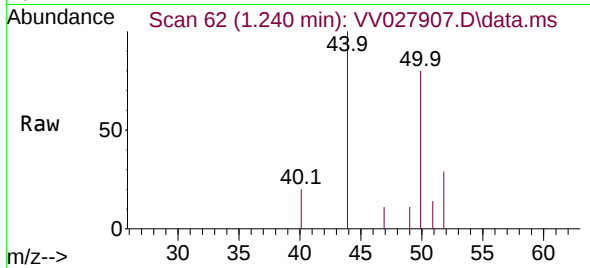




#3
Chloromethane
Concen: 0.154 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV027907.D
Acq: 17 Sep 2022 18:10

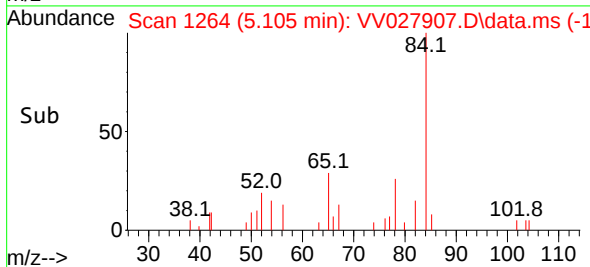
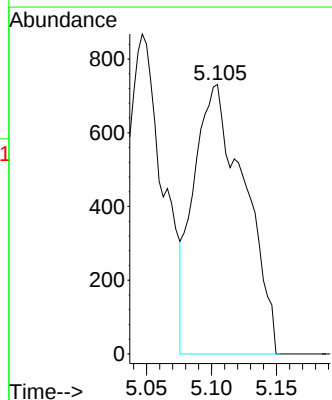
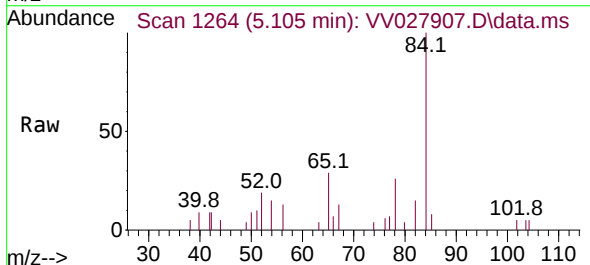
Instrument :
MSVOA_V
ClientSampleId :

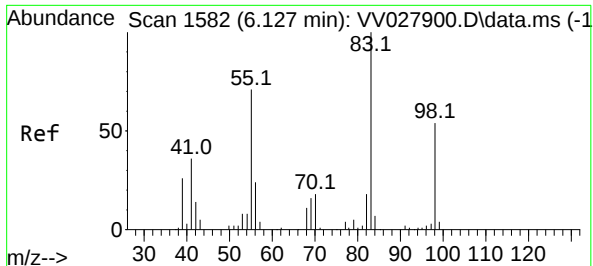
Tgt Ion: 50 Resp: 1582
Ion Ratio Lower Upper
50 100
52 36.6 22.1 41.1



#33
Benzene
Concen: 0.049 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.010 min
Lab File: VV027907.D
Acq: 17 Sep 2022 18:10

Tgt Ion: 78 Resp: 1990





#35

Methylcyclohexane

Concen: 1.014 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV027907.D

Acq: 17 Sep 2022 18:10

Instrument :

MSVOA_V

ClientSampleId :

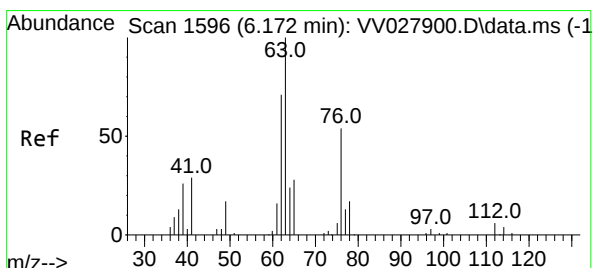
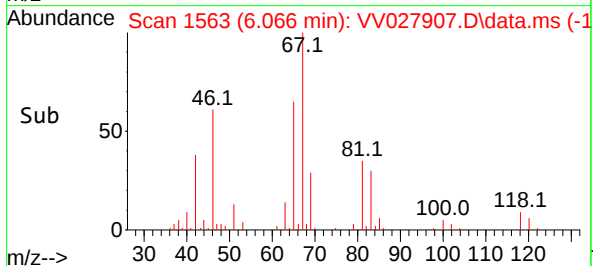
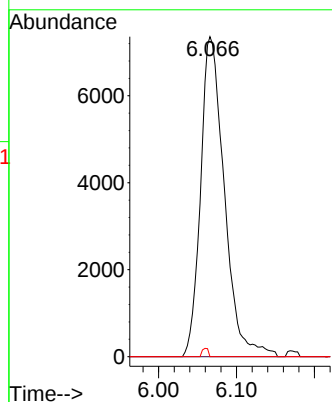
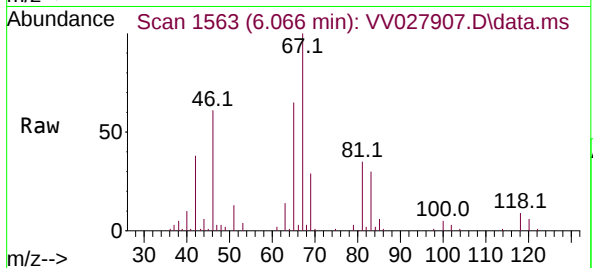
Tgt Ion: 83 Resp: 15558

Ion Ratio Lower Upper

83 100

55 2.8 61.9 92.9#

98 0.7 37.5 56.3#



#37

1,2-Dichloropropane

Concen: 0.776 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.103 min

Lab File: VV027907.D

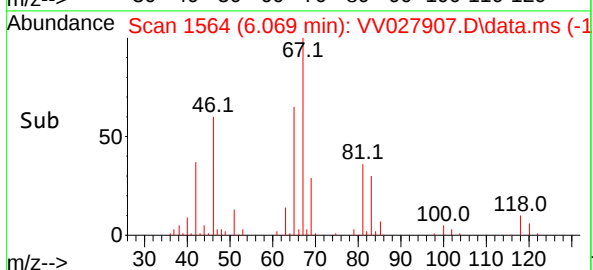
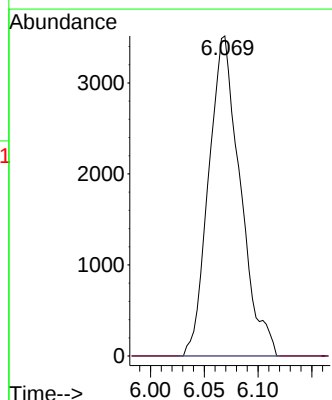
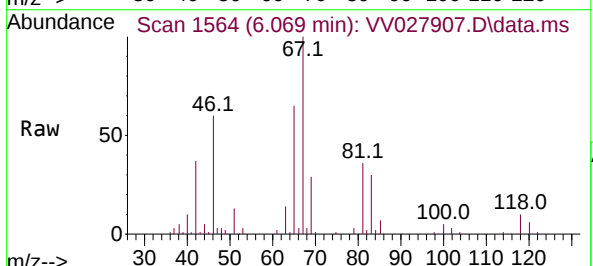
Acq: 17 Sep 2022 18:10

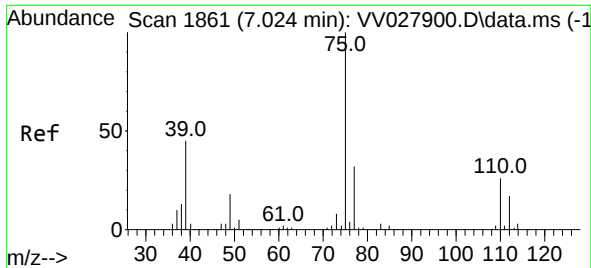
Tgt Ion: 63 Resp: 7170

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.122 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV027907.D

Acq: 17 Sep 2022 18:10

Instrument :

MSVOA_V

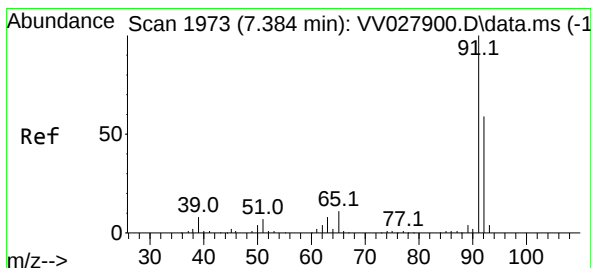
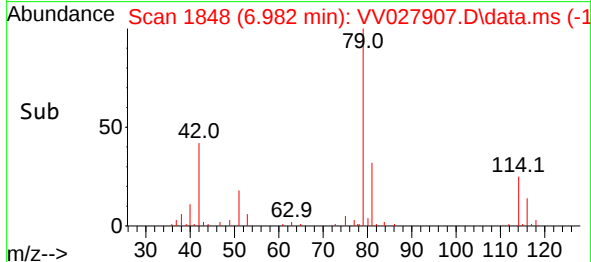
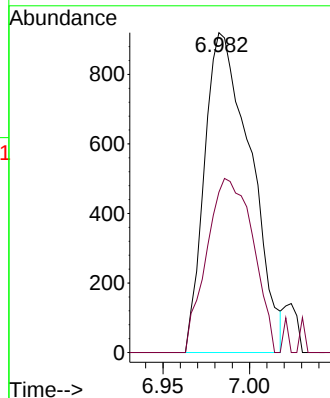
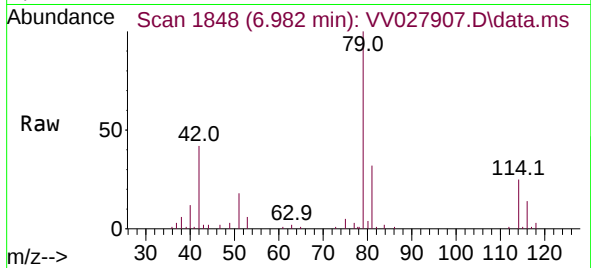
ClientSampleId :

Tgt Ion: 75 Resp: 1695

Ion Ratio Lower Upper

75 100

77 50.1 22.0 40.8#



#42

Toluene

Concen: 0.622 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.010 min

Lab File: VV027907.D

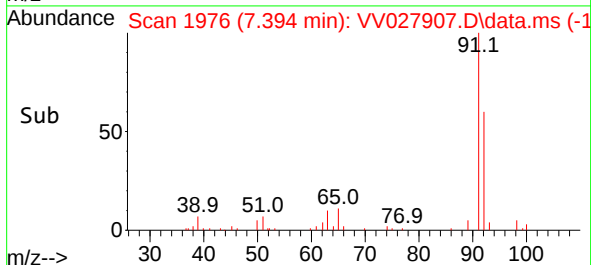
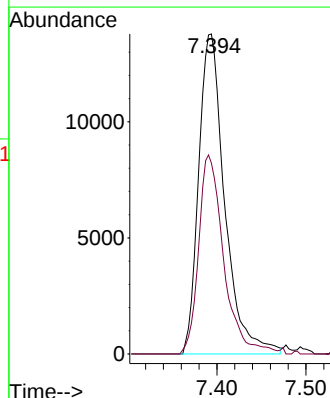
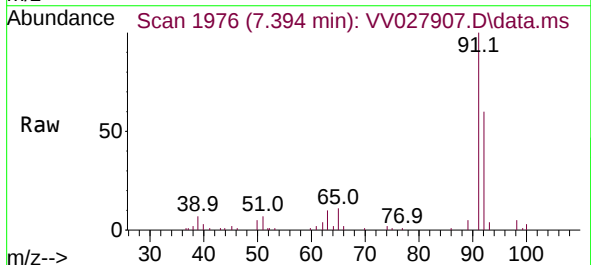
Acq: 17 Sep 2022 18:10

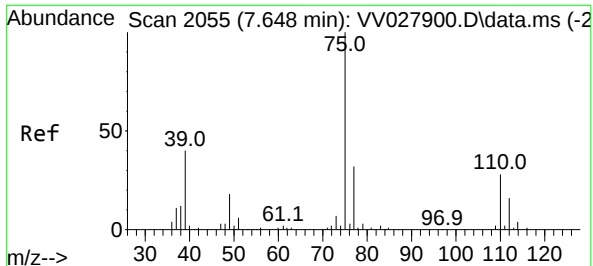
Tgt Ion: 91 Resp: 27996

Ion Ratio Lower Upper

91 100

92 59.6 40.8 75.8

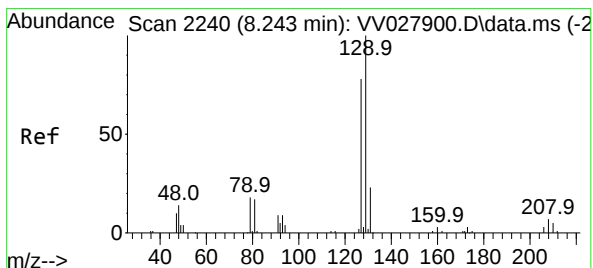
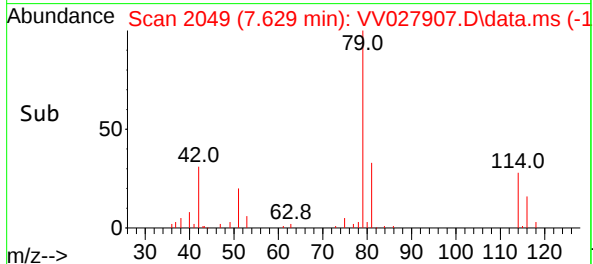
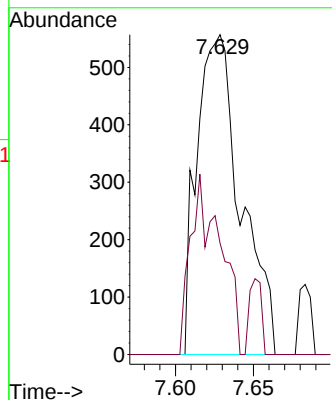
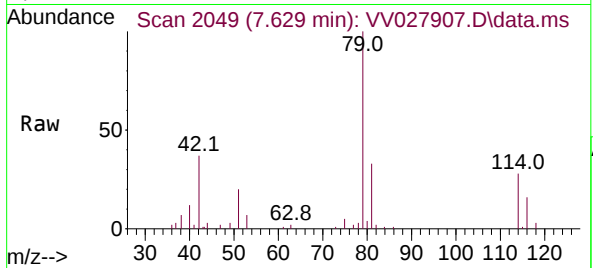




#44
trans-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 7.629 min Scan# 2055
Delta R.T. -0.019 min
Lab File: VV027907.D
Acq: 17 Sep 2022 18:10

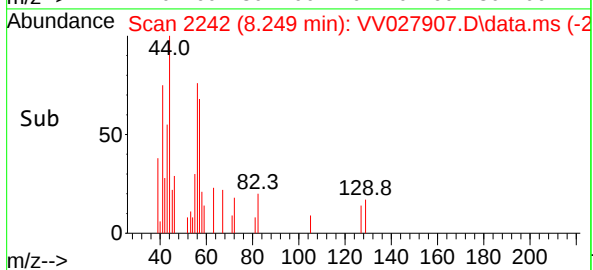
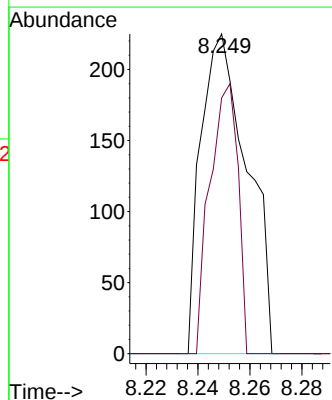
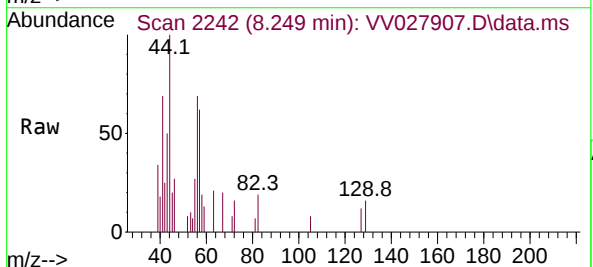
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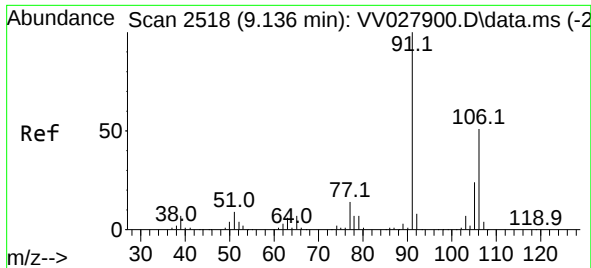
Tgt Ion: 75 Resp: 1092
Ion Ratio Lower Upper
75 100
77 34.8 22.6 42.0



#49
Dibromochloromethane
Concen: 0.030 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.007 min
Lab File: VV027907.D
Acq: 17 Sep 2022 18:10

Tgt Ion: 129 Resp: 279
Ion Ratio Lower Upper
129 100
127 80.0 55.2 102.6

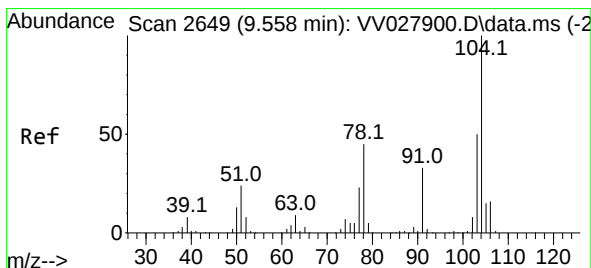
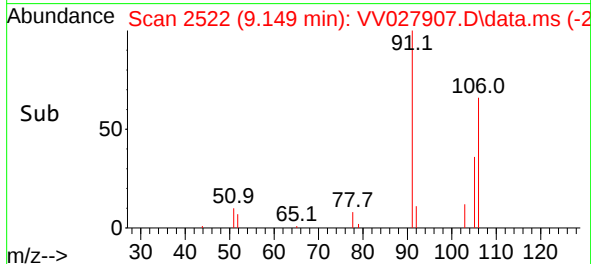
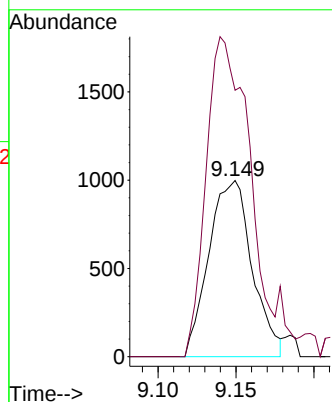
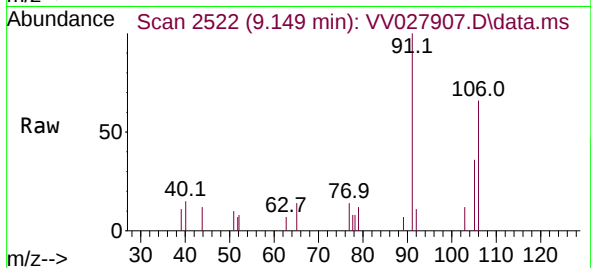




#53
m,p-Xylene
Concen: 0.099 ug/L
RT: 9.149 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV027907.D
Acq: 17 Sep 2022 18:10

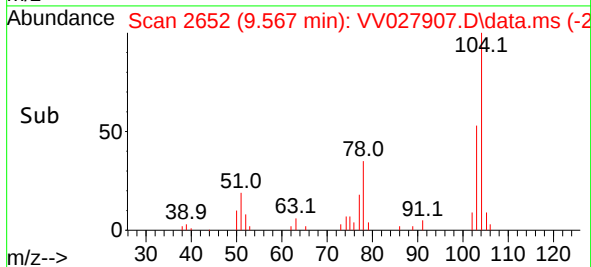
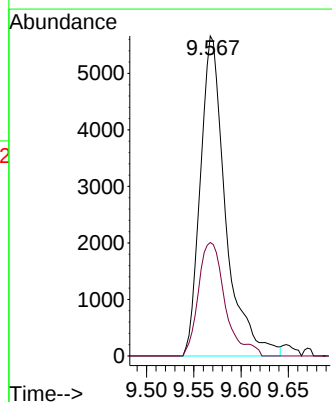
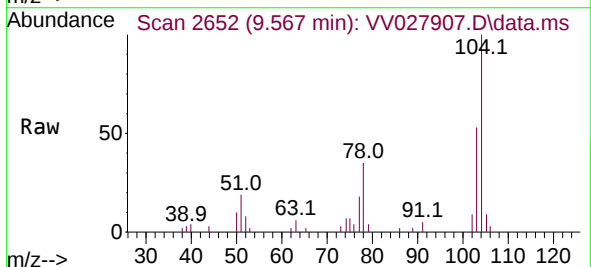
Instrument :
MSVOA_V
ClientSampleId :

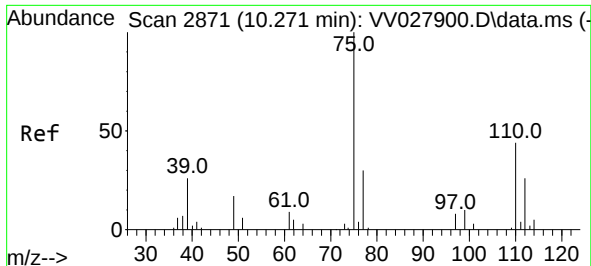
Tgt Ion:106 Resp: 1930
Ion Ratio Lower Upper
106 100
91 151.2 142.4 264.4



#55
Styrene
Concen: 0.323 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.010 min
Lab File: VV027907.D
Acq: 17 Sep 2022 18:10

Tgt Ion:104 Resp: 10516
Ion Ratio Lower Upper
104 100
78 35.4 31.7 58.9





#61

1,2,3-Trichloropropane

Concen: 0.070 ug/L

RT: 9.567 min Scan# 2

Delta R.T. -0.704 min

Lab File: VV027907.D

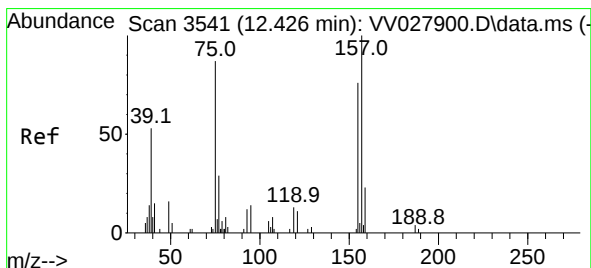
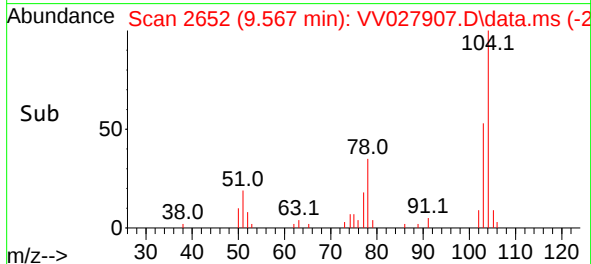
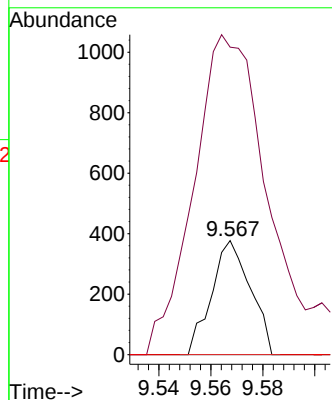
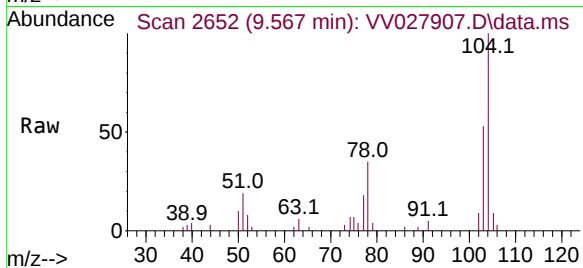
Acq: 17 Sep 2022 18:10

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	75	Resp:	392
Ion	Ratio	Lower	Upper
75	100		
77	539.0	27.6	41.4#
110	0.0	35.6	53.4#



#68

1,2-Dibromo-3-chloropropane

Concen: 0.132 ug/L

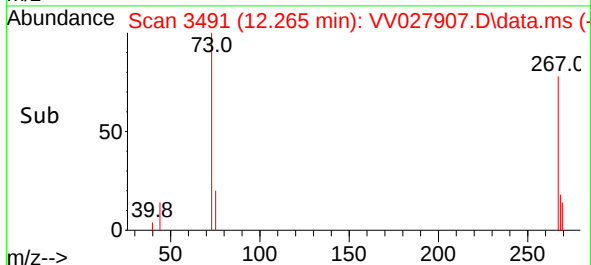
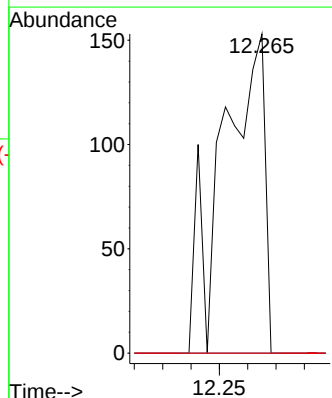
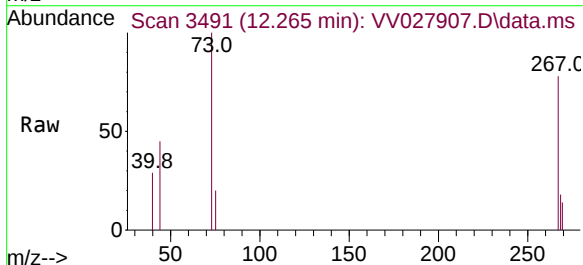
RT: 12.265 min Scan# 3491

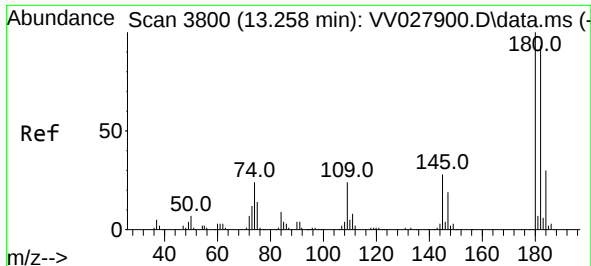
Delta R.T. -0.161 min

Lab File: VV027907.D

Acq: 17 Sep 2022 18:10

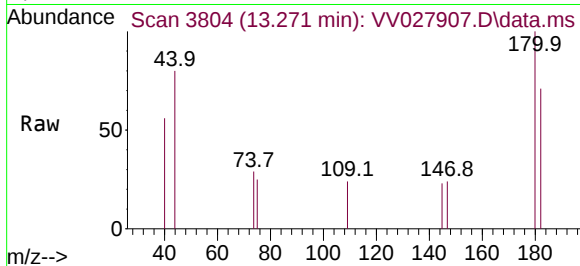
Tgt Ion:	75	Resp:	158
Ion	Ratio	Lower	Upper
75	100		
155	0.0	71.9	107.9#
157	0.0	95.1	142.7#



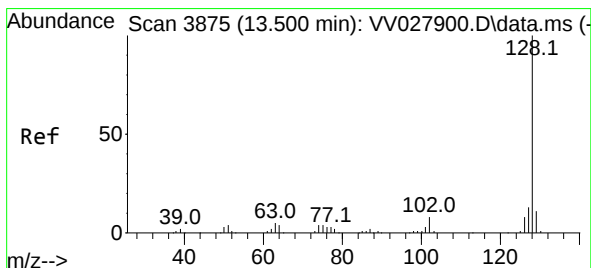
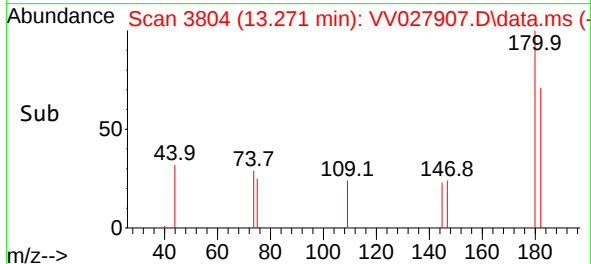
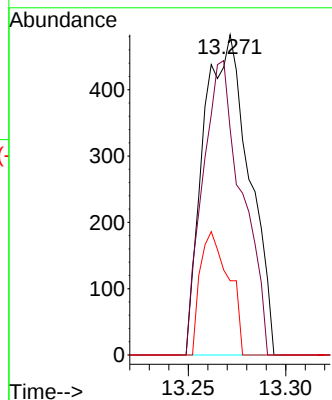


#70
1,2,4-trichlorobenzene
Concen: 0.051 ug/L
RT: 13.271 min Scan# 3804
Delta R.T. 0.013 min
Lab File: VV027907.D
Acq: 17 Sep 2022 18:10

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:180 Resp: 787
Ion Ratio Lower Upper
180 100
182 79.0 76.6 114.8
145 24.1 24.6 37.0#



#71
Naphthalene
Concen: 0.109 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.010 min
Lab File: VV027907.D
Acq: 17 Sep 2022 18:10

Tgt Ion:128 Resp: 2329
Ion Ratio Lower Upper
128 100
129 3.0 9.2 13.8#
127 10.3 10.6 16.0#

