

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081222\
 Data File : VV027293.D
 Acq On : 11 Aug 2022 22:07
 Operator : SY/MD
 Sample : NN4161-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 12 05:46:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 02:11:44 2022
 Response via : Initial Calibration

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

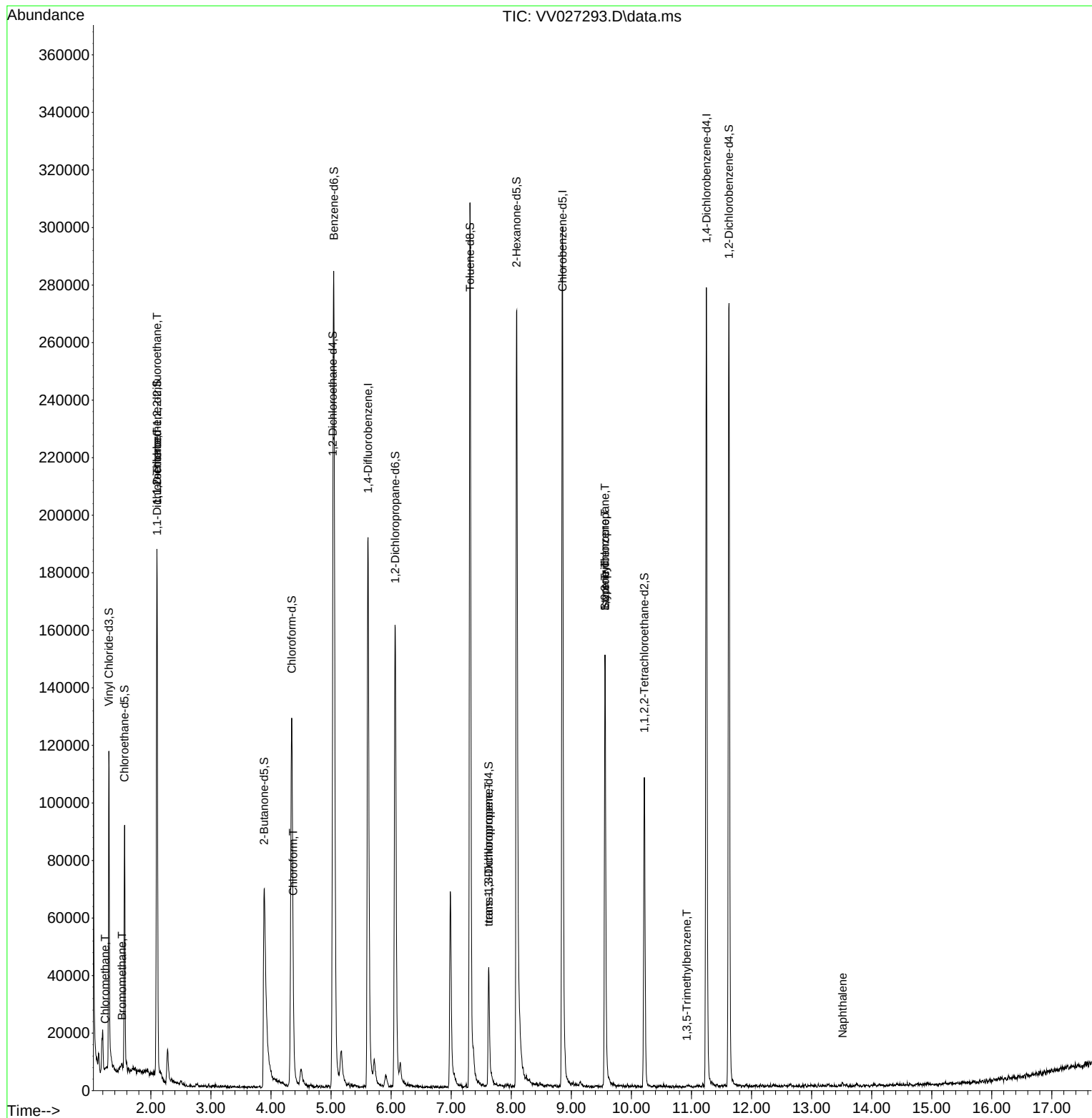
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	157515	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	166123	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69922	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	75082	5.486	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 109.800%		
7) Chloroethane-d5	1.561	69	52295	5.262	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 105.200%		
11) 1,1-Dichloroethene-d2	2.101	63	95992	3.868	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 77.400%		
20) 2-Butanone-d5	3.886	46	133231	57.486	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 114.980%		
24) Chloroform-d	4.346	84	132527	5.280	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.600%		
26) 1,2-Dichloroethane-d4	5.030	65	63582	5.318	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 106.400%		
32) Benzene-d6	5.047	84	253640	5.176	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 103.600%		
36) 1,2-Dichloropropane-d6	6.069	67	76640	5.058	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 101.200%		
41) Toluene-d8	7.313	98	208099	4.638	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 92.800%		
43) trans-1,3-Dichloroprop...	7.625	79	24719	4.710	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 94.200%		
46) 2-Hexanone-d5	8.088	63	90031	44.325	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 88.660%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	52254	4.767	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 95.400%		
66) 1,2-Dichlorobenzene-d4	11.625	152	68981	5.716	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 114.400%		
Target Compounds						Qvalue
3) Chloromethane	1.236	50	1151	0.061	ug/L	83
6) Bromomethane	1.519	94	731	0.090	ug/L	76
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	984	0.090	ug/L #	22
12) 1,1-Dichloroethene	2.104	96	929	0.082	ug/L #	1
25) Chloroform	4.368	83	2945	0.107	ug/L	78
44) trans-1,3-Dichloropropene	7.622	75	1261	0.084	ug/L	87
55) Styrene	9.561	104	72446	1.984	ug/L	100
60) Isopropylbenzene	9.561	105	6110	0.139	ug/L #	1
61) 1,2,3-Trichloropropane	9.561	75	3286	0.488	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.921	105	494	0.041	ug/L #	29
71) Naphthalene	13.519	128	1169	0.064	ug/L #	90

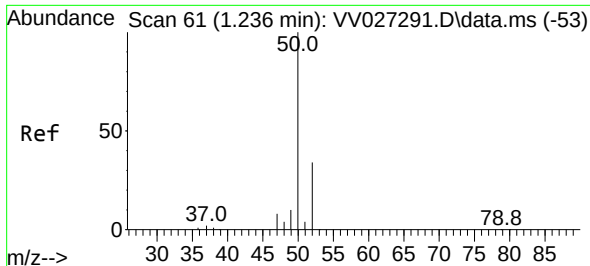
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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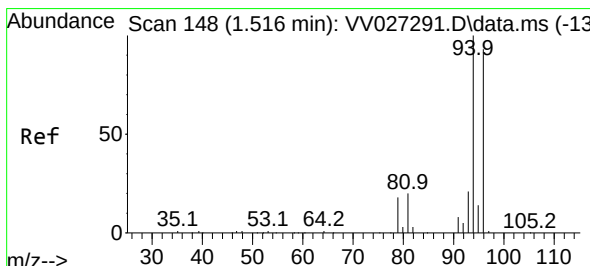
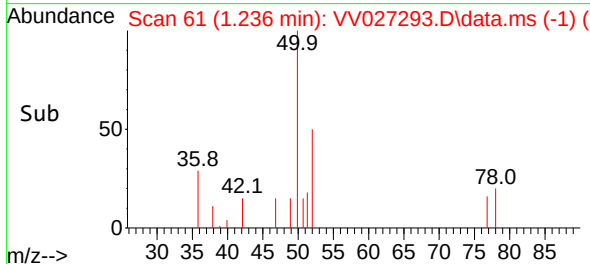
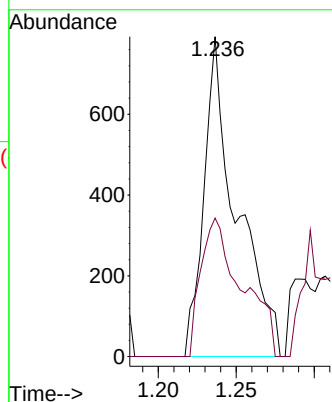
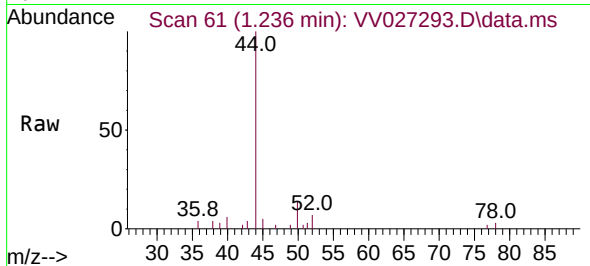




#3
Chloromethane
Concen: 0.061 ug/L
RT: 1.236 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV027293.D
Acq: 11 Aug 2022 22:07

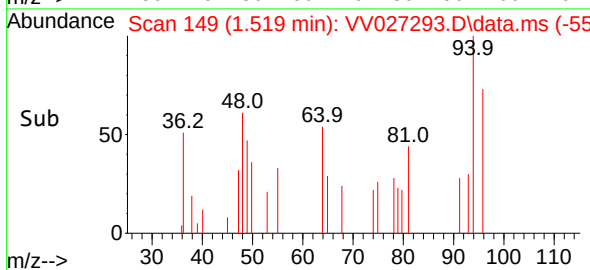
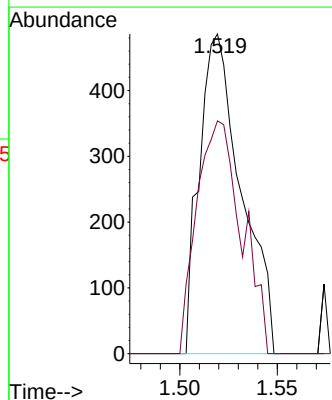
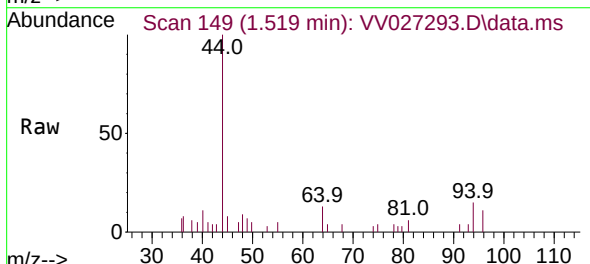
Instrument :
MSVOA_V
ClientSampleId :

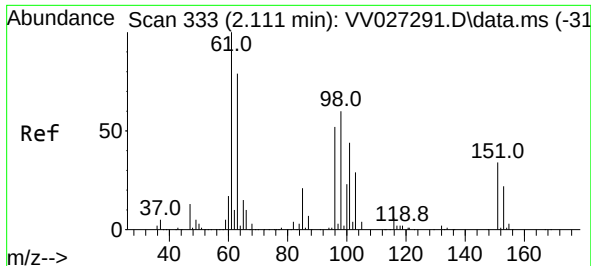
Tgt Ion: 50 Resp: 1151
Ion Ratio Lower Upper
50 100
52 43.3 23.4 43.4



#6
Bromomethane
Concen: 0.090 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.003 min
Lab File: VV027293.D
Acq: 11 Aug 2022 22:07

Tgt Ion: 94 Resp: 731
Ion Ratio Lower Upper
94 100
96 72.8 67.2 124.8

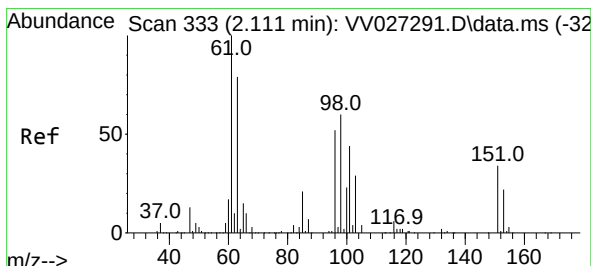
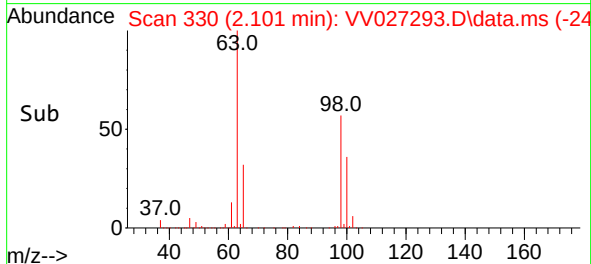
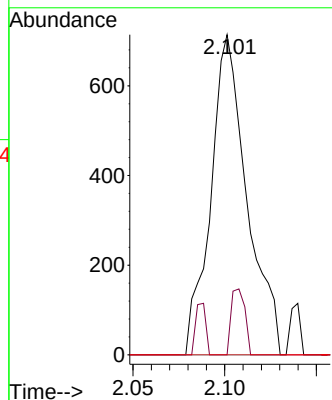
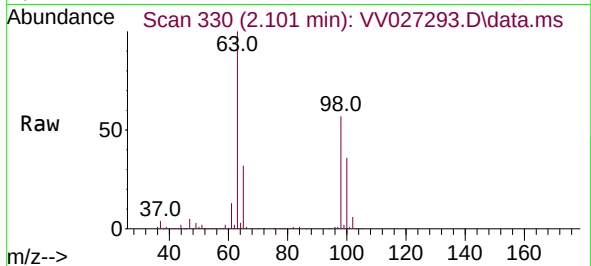




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.090 ug/L
RT: 2.101 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV027293.D
Acq: 11 Aug 2022 22:07

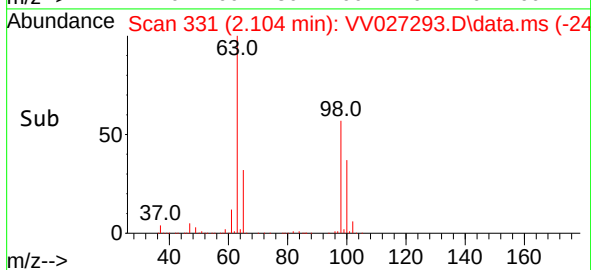
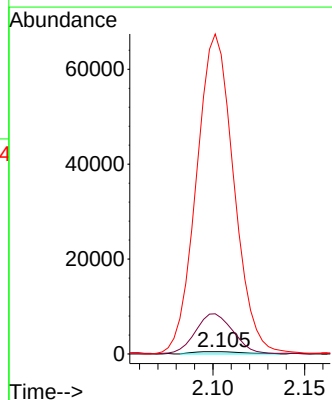
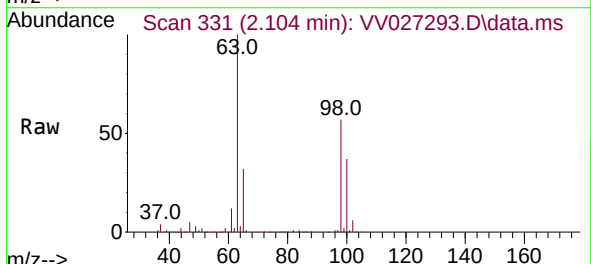
Instrument :
MSVOA_V
ClientSampleId :

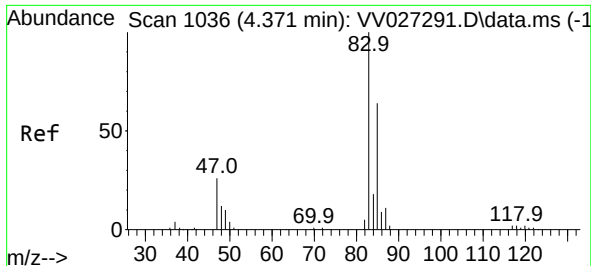
Tgt Ion:101 Resp: 984
Ion Ratio Lower Upper
101 100
85 7.7 36.2 54.4#
151 0.0 62.0 93.0#



#12
1,1-Dichloroethene
Concen: 0.082 ug/L
RT: 2.104 min Scan# 331
Delta R.T. -0.006 min
Lab File: VV027293.D
Acq: 11 Aug 2022 22:07

Tgt Ion: 96 Resp: 929
Ion Ratio Lower Upper
96 100
61 1574.0 130.7 242.7#
63 13017.7 101.4 188.2#





#25

Chloroform

Concen: 0.107 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VV027293.D

Acq: 11 Aug 2022 22:07

Instrument :

MSVOA_V

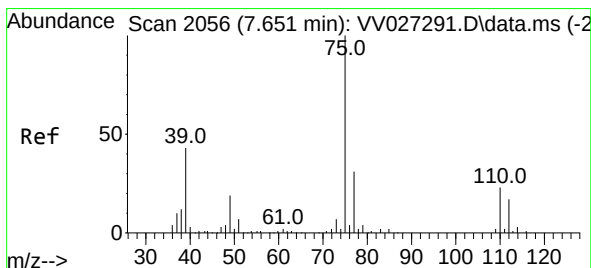
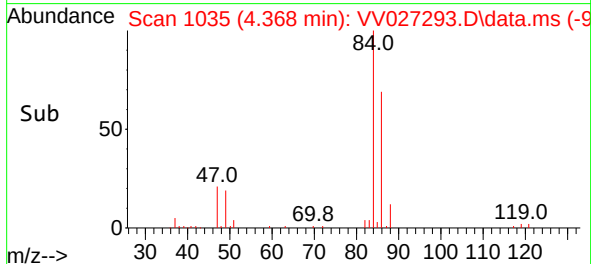
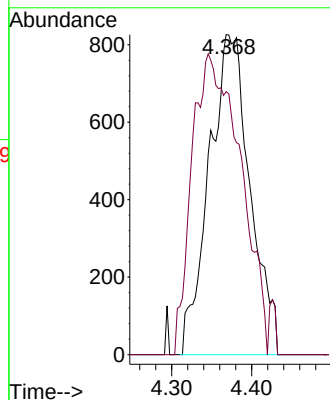
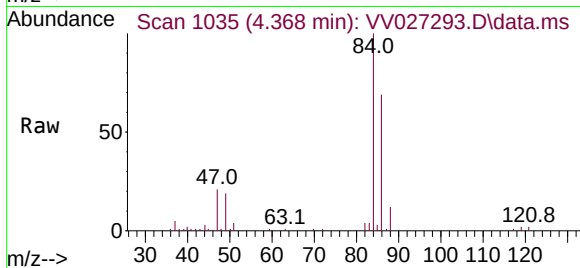
ClientSampleId :

Tgt Ion: 83 Resp: 2945

Ion Ratio Lower Upper

83 100

85 82.2 45.2 84.0



#44

trans-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 7.622 min Scan# 2047

Delta R.T. -0.029 min

Lab File: VV027293.D

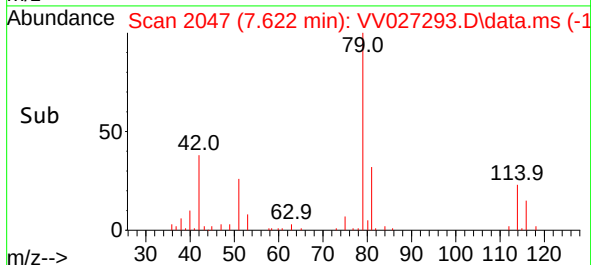
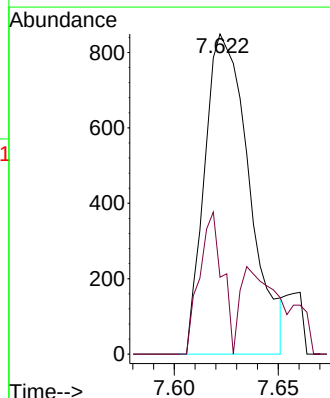
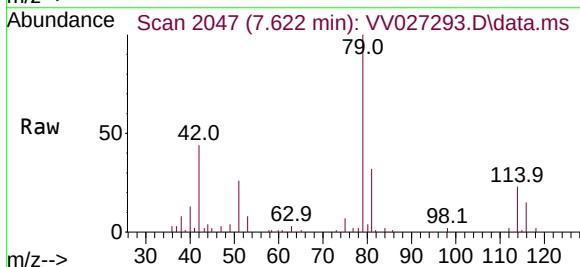
Acq: 11 Aug 2022 22:07

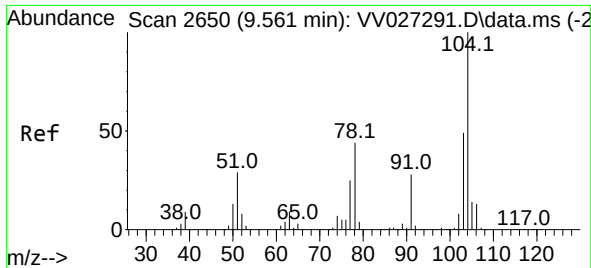
Tgt Ion: 75 Resp: 1261

Ion Ratio Lower Upper

75 100

77 24.0 21.9 40.7

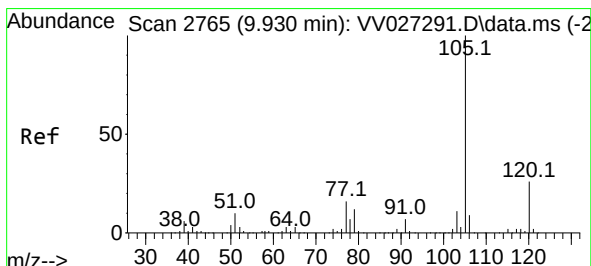
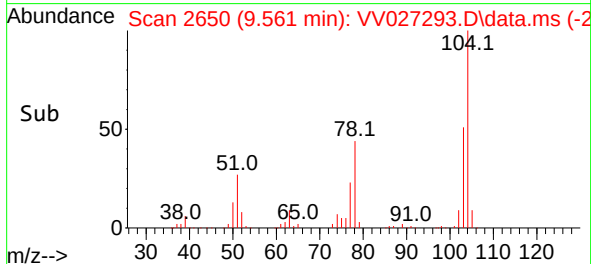
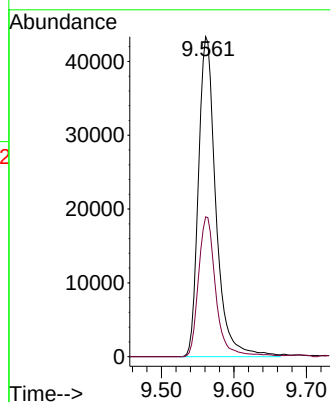
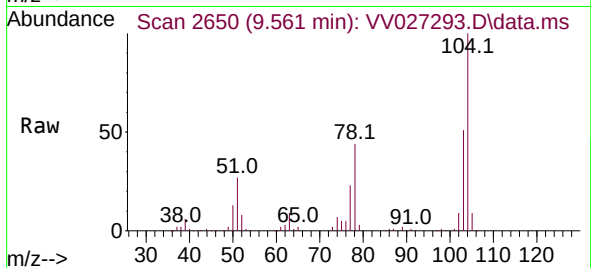




#55
Styrene
Concen: 1.984 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV027293.D
Acq: 11 Aug 2022 22:07

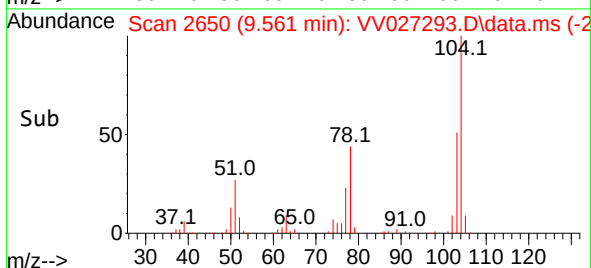
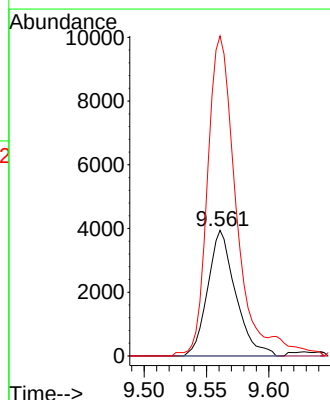
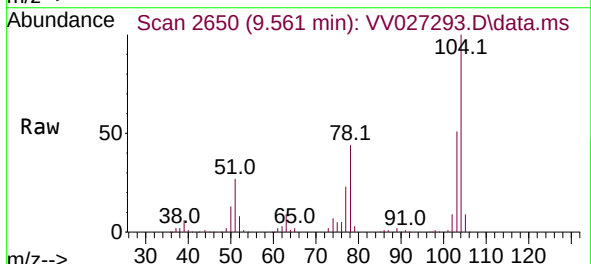
Instrument :
MSVOA_V
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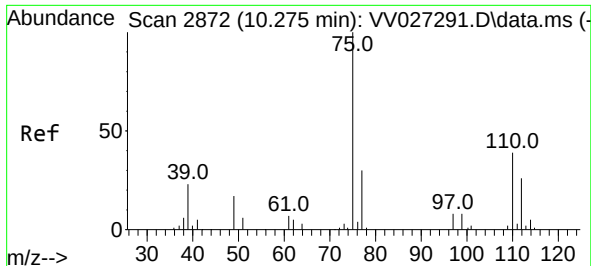
Tgt Ion:104 Resp: 72446
Ion Ratio Lower Upper
104 100
78 43.7 30.7 57.1



#60
Isopropylbenzene
Concen: 0.139 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.370 min
Lab File: VV027293.D
Acq: 11 Aug 2022 22:07

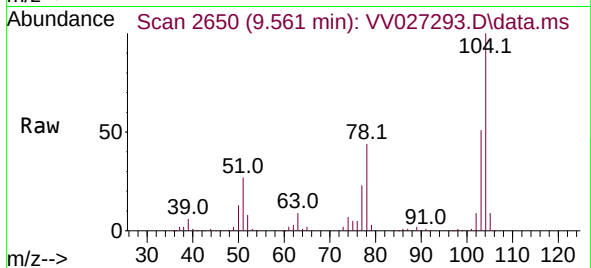
Tgt Ion:105 Resp: 6110
Ion Ratio Lower Upper
105 100
120 0.0 21.0 31.4#
77 252.9 13.2 19.8#



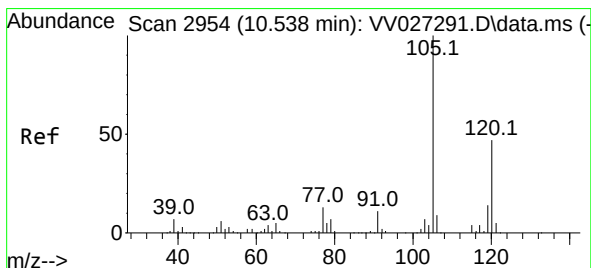
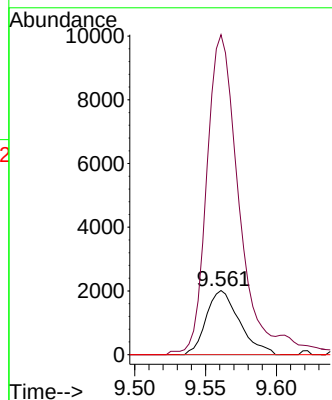
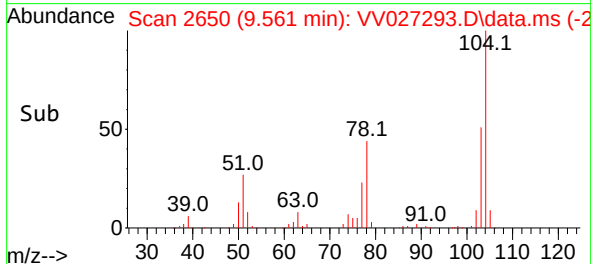


#61
1,2,3-Trichloropropane
Concen: 0.488 ug/L
RT: 9.561 min Scan# 2073
Delta R.T. -0.714 min
Lab File: VV027293.D
Acq: 11 Aug 2022 22:07

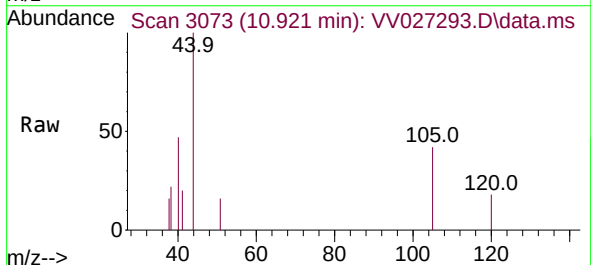
Instrument :
MSVOA_V
ClientSampleId :



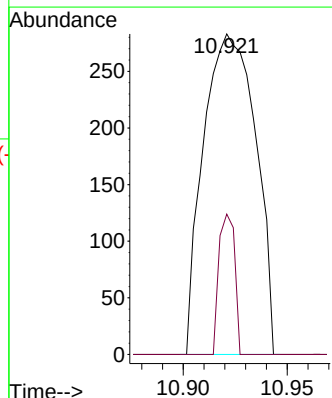
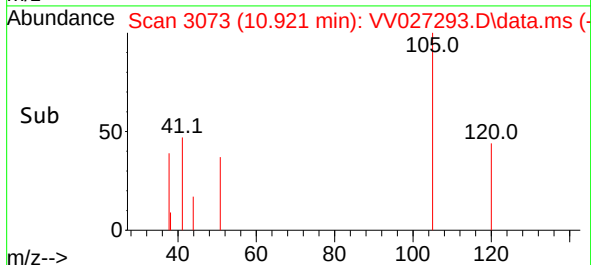
Tgt Ion: 75 Resp: 3286
Ion Ratio Lower Upper
75 100
77 470.2 26.6 39.8#
110 0.0 31.0 46.6#

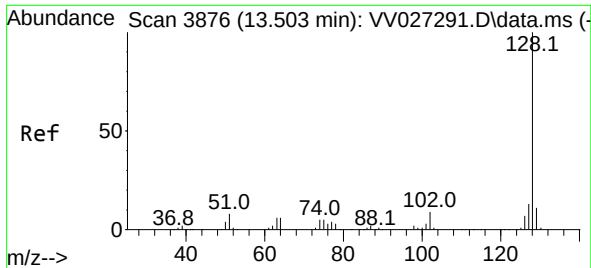


#62
1,3,5-Trimethylbenzene
Concen: 0.041 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.383 min
Lab File: VV027293.D
Acq: 11 Aug 2022 22:07



Tgt Ion: 105 Resp: 494
Ion Ratio Lower Upper
105 100
120 0.0 38.2 57.4#





#71

Naphthalene

Concen: 0.064 ug/L

RT: 13.519 min Scan# 3881

Delta R.T. 0.016 min

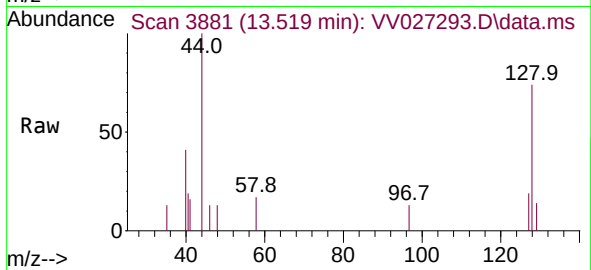
Lab File: VV027293.D

Acq: 11 Aug 2022 22:07

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128	Resp:	1169
Ion	Ratio	Lower Upper
128	100	
129	5.6	9.0 13.4#
127	10.9	10.6 15.8

